



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
3	Plot B Basement 16.3	115.00000	-1.00000	16.30000	-49.08861	15.394	-0.0035137	-1.7750	10.965E-6
3	Plot B Basement 16.3	118.00000	-1.00000	16.30000	-50.84321	15.394	-0.0024997	-1.4228	8.8010E-6
3	Plot B Basement 16.3	121.00000	-1.00000	16.30000	-51.95640	15.394	-0.0018917	-1.1677	7.2291E-6
3	Plot B Basement 16.3	124.00000	-1.00000	16.30000	-55.59102	15.394	-0.0014871	-0.97553	6.0428E-6
3	Plot B Basement 16.3	127.00000	-1.00000	16.30000	-59.38010	15.394	-0.0011977	-0.82632	5.1209E-6
3	Plot B Basement 16.3	130.00000	-1.00000	16.30000	-63.71476	15.394	-0.0008666	-0.70777	4.3879E-6
3	Plot B Basement 16.3	40.00000	2.00000	16.30000	0.14871	15.394	-0.011628	-1.4542	8.6548E-6
3	Plot B Basement 16.3	43.00000	2.00000	16.30000	0.01665	15.394	-0.015563	-1.7070	10.087E-6
3	Plot B Basement 16.3	46.00000	2.00000	16.30000	-0.15469	15.394	-0.020628	-2.0023	11.744E-6
3	Plot B Basement 16.3	49.00000	2.00000	16.30000	-0.37207	15.394	-0.026773	-2.3406	13.628E-6
3	Plot B Basement 16.3	52.00000	2.00000	16.30000	-0.64219	15.394	-0.033571	-2.7177	15.731E-6
3	Plot B Basement 16.3	55.00000	2.00000	16.30000	-0.97158	15.394	-0.040088	-3.1260	18.039E-6
3	Plot B Basement 16.3	58.00000	2.00000	16.30000	-1.36646	15.394	-0.045002	-3.5569	20.548E-6
3	Plot B Basement 16.3	61.00000	2.00000	16.30000	-1.83262	15.394	-0.047118	-4.0065	23.279E-6
3	Plot B Basement 16.3	64.00000	2.00000	16.30000	-2.37476	15.394	-0.046144	-4.4806	26.280E-6
3	Plot B Basement 16.3	67.00000	2.00000	16.30000	-2.99611	15.394	-0.043101	-4.9953	29.611E-6
3	Plot B Basement 16.3	70.00000	2.00000	16.30000	-3.70010	15.394	-0.039831	-5.5761	33.365E-6
3	Plot B Basement 16.3	73.00000	2.00000	16.30000	-4.49351	15.394	-0.038163	-6.2588	37.696E-6
3	Plot B Basement 16.3	76.00000	2.00000	16.30000	-5.38748	15.394	-0.039436	-7.0843	42.809E-6
3	Plot B Basement 16.3	79.00000	2.00000	16.30000	-6.40151	15.394	-0.045458	-8.1218	49.089E-6
3	Plot B Basement 16.3	82.00000	2.00000	16.30000	-7.56442	15.394	-0.060281	-9.4935	57.088E-6
3	Plot B Basement 16.3	85.00000	2.00000	16.30000	-8.89413	15.394	-0.086098	-11.253	67.116E-6
3	Plot B Basement 16.3	88.00000	2.00000	16.30000	-10.46148	15.394	-0.15730	-13.967	81.417E-6
3	Plot B Basement 16.3	91.00000	2.00000	16.30000	-12.33264	15.394	-0.36799	-18.552	102.18E-6
3	Plot B Basement 16.3	94.00000	2.00000	16.30000	-14.32363	15.394	-0.57623	-23.043	122.44E-6
3	Plot B Basement 16.3	97.00000	2.00000	16.30000	-16.43626	15.394	-0.93117	-51.560	266.94E-6
3	Plot B Basement 16.3	100.00000	2.00000	16.30000	-20.68440	15.394	-27.802	-84.082	517.21E-6
3	Plot B Basement 16.3	103.00000	2.00000	16.30000	-20.41745	15.394	-0.70366	-16.909	79.312E-6
3	Plot B Basement 16.3	106.00000	2.00000	16.30000	-25.97066	15.394	-0.059159	-6.7764	40.144E-6
3	Plot B Basement 16.3	109.00000	2.00000	16.30000	-41.35038	15.394	-0.016604	-4.0444	24.668E-6
3	Plot B Basement 16.3	112.00000	2.00000	16.30000	-51.26932	15.394	-0.071661	-2.7390	17.210E-6
3	Plot B Basement 16.3	115.00000	2.00000	16.30000	-55.55138	15.394	-0.0045558	-2.0897	12.893E-6
3	Plot B Basement 16.3	118.00000	2.00000	16.30000	-57.94181	15.394	-0.0031110	-1.6336	10.095E-6
3	Plot B Basement 16.3	121.00000	2.00000	16.30000	-59.74606	15.394	-0.0022965	-1.3169	8.1462E-6
3	Plot B Basement 16.3	124.00000	2.00000	16.30000	-61.64402	15.394	-0.0017746	-1.0852	6.7119E-6
3	Plot B Basement 16.3	127.00000	2.00000	16.30000	-63.48303	15.394	-0.0014106	-0.90938	5.6321E-6
3	Plot B Basement 16.3	130.00000	2.00000	16.30000	-64.97014	15.394	-0.0011420	-0.77204	4.7836E-6
3	Plot B Basement 16.3	40.00000	5.00000	16.30000	0.03263	15.394	-0.016801	-1.7154	10.094E-6
3	Plot B Basement 16.3	43.00000	5.00000	16.30000	-0.14539	15.394	-0.023775	-2.0581	11.975E-6
3	Plot B Basement 16.3	46.00000	5.00000	16.30000	-0.38838	15.394	-0.033543	-2.4736	14.206E-6
3	Plot B Basement 16.3	49.00000	5.00000	16.30000	-0.67689	15.394	-0.046510	-2.9670	16.804E-6
3	Plot B Basement 16.3	52.00000	5.00000	16.30000	-1.05148	15.394	-0.062188	-3.5344	19.763E-6
3	Plot B Basement 16.3	55.00000	5.00000	16.30000	-1.51251	15.394	-0.078489	-4.1619	23.074E-6
3	Plot B Basement 16.3	58.00000	5.00000	16.30000	-2.07056	15.394	-0.091575	-4.8316	26.770E-6
3	Plot B Basement 16.3	61.00000	5.00000	16.30000	-2.73561	15.394	-0.097116	-5.5373	30.973E-6
3	Plot B Basement 16.3	64.00000	5.00000	16.30000	-3.52044	15.394	-0.093636	-6.3012	35.880E-6
3	Plot B Basement 16.3	67.00000	5.00000	16.30000	-4.42709	15.394	-0.084808	-7.1732	41.663E-6
3	Plot B Basement 16.3	70.00000	5.00000	16.30000	-5.45905	15.394	-0.077357	-8.2214	48.495E-6
3	Plot B Basement 16.3	73.00000	5.00000	16.30000	-6.63190	15.394	-0.078533	-9.5813	56.952E-6
3	Plot B Basement 16.3	76.00000	5.00000	16.30000	-7.96724	15.394	-0.093863	-11.397	67.731E-6
3	Plot B Basement 16.3	79.00000	5.00000	16.30000	-9.49511	15.394	-0.13013	-13.853	81.722E-6
3	Plot B Basement 16.3	82.00000	5.00000	16.30000	-11.35458	15.394	-0.28793	-18.346	103.89E-6
3	Plot B Basement 16.3	85.00000	5.00000	16.30000	-13.49709	15.394	-0.55256	-24.469	132.24E-6
3	Plot B Basement 16.3	88.00000	5.00000	16.30000	-16.02413	15.394	-1.2317	-34.244	167.88E-6
3	Plot B Basement 16.3	91.00000	5.00000	16.30000	-19.39123	15.394	-2.8918	-51.391	249.11E-6
3	Plot B Basement 16.3	94.00000	5.00000	16.30000	-25.02025	15.394	-42.819	-135.66	758.05E-6
3	Plot B Basement 16.3	97.00000	5.00000	16.30000	-28.76335	15.394	-59.246	-176.59	0.0011183
3	Plot B Basement 16.3	100.00000	5.00000	16.30000	-32.41538	15.394	-97.498	-216.38	0.0023044
3	Plot B Basement 16.3	103.00000	5.00000	16.30000	-26.70819	15.394	-1.5709	-28.951	122.06E-6
3	Plot B Basement 16.3	106.00000	5.00000	16.30000	-35.56266	15.394	-0.098580	-9.2994	54.437E-6
3	Plot B Basement 16.3	109.00000	5.00000	16.30000	-49.80951	15.394	-0.023773	-5.0646	30.770E-6
3	Plot B Basement 16.3	112.00000	5.00000	16.30000	-56.35594	15.394	-0.010096	-3.3389	20.495E-6
3	Plot B Basement 16.3	115.00000	5.00000	16.30000	-59.90577	15.394	-0.0057367	-2.4192	14.908E-6
3	Plot B Basement 16.3	118.00000	5.00000	16.30000	-62.12181	15.394	-0.0038135	-1.8526	11.438E-6
3	Plot B Basement 16.3	121.00000	5.00000	16.30000	-63.73318	15.394	-0.0027652	-1.4709	9.0919E-6
3	Plot B Basement 16.3	124.00000	5.00000	16.30000	-65.09488	15.394	-0.0021081	-1.1980	7.4103E-6
3	Plot B Basement 16.3	127.00000	5.00000	16.30000	-66.28867	15.394	-0.0016568	-0.99432	6.1539E-6
3	Plot B Basement 16.3	130.00000	5.00000	16.30000	-67.28223	15.394	-0.0013278	-0.83745	5.1856E-6
3	Plot B Basement 16.3	40.00000	8.00000	16.30000	-0.10355	15.394	-0.024516	-2.0320	11.783E-6
3	Plot B Basement 16.3	43.00000	8.00000	16.30000	-0.33987	15.394	-0.037160	-3.5041	14.261E-6
3	Plot B Basement 16.3	46.00000	8.00000	16.30000	-0.65314	15.394	-0.056892	-3.1057	17.282E-6
3	Plot B Basement 16.3	49.00000	8.00000	16.30000	-1.06142	15.394	-0.086417	-3.8580	20.877E-6
3	Plot B Basement 16.3	52.00000	8.00000	16.30000	-1.58148	15.394	-0.12676	-4.7646	25.031E-6
3	Plot B Basement 16.3	55.00000	8.00000	16.30000	-2.22987	15.394	-0.17402	-5.8009	29.737E-6
3	Plot B Basement 16.3	58.00000	8.00000	16.30000	-3.02162	15.394	-0.24272	-6.7272	35.164E-6
3	Plot B Basement 16.3	61.00000	8.00000	16.30000	-3.98902	15.394	-0.23689	-8.1238	41.901E-6
3	Plot B Basement 16.3	64.00000	8.00000	16.30000	-5.14963	15.394	-0.22405	-9.4897	50.921E-6
3	Plot B Basement 16.3	67.00000	8.00000	16.30000	-6.52258	15.394	-0.19718	-11.239	62.862E-6
3	Plot B Basement 16.3	70.00000	8.00000	16.30000	-8.09112	15.394	-0.18511	-13.494	77.413E-6
3	Plot B Basement 16.3	73.00000	8.00000	16.30000	-9.90617	15.394	-0.23634	-15.937	97.024E-6
3	Plot B Basement 16.3	76.00000	8.00000	16.30000	-12.10555	15.394	-0.52995	-23.478	126.90E-6
3	Plot B Basement 16.3	79.00000	8.00000	16.30000	-14.48430	15.394	-0.79464	-30.447	160.54E-6
3	Plot B Basement 16.3	82.00000	8.00000	16.30000	-18.15522	15.394	-8.7149	-62.563	64.224E-6
3	Plot B Basement 16.3	85.00000	8.00000	16.30000	-24.78136	15.394	-55.734	-152.76	0.0011348
3	Plot B Basement 16.3	88.00000	8.00000	16.30000	-30.89815	15.394	-56.734	-187.03	0.0010861
3	Plot B Basement 16.3	91.00000	8.00000	16.30000	-34.33098	15.394	-101.66	-256.45	0.0022099
3	Plot B Basement 16.3	94.00000	8.00000	16.30000	-37.32422	15.394	-105.30	-275.73	0.0022259
3	Plot B Basement 16.3	97.00000	8.00000	16.30000	-38.93961	15.394	-105.37	-274.24	0.0022379
3	Plot B Basement 16.3	100.00000	8.00000	16.30000	-38.42167	15.394	-98.231	-230.89	0.0022411
3	Plot B Basement 16.3	103.00000	8.00000	16.30000	-39.09023	15.394	-131.6959	-34.023	149.11E-6
3	Plot B Basement 16.3	106.00000	8.00000	16.30000	-45.87013	15.394	-0.11974	-11.230	65.712E-6
3	Plot B Basement 16.3	109.00000	8.00000	16.30000	-55.57020	15.394	-0.029547	-5.9833	36.296E-6
3	Plot B Basement 16.3	112.00000	8.00000	16.30000	-60.22550	15.394	-0.012453	-3.8550	23.633E-6
3	Plot B Basement 16.3	115.00000	8.00000	16.30000	-63.05175	15.394	-0.0069944	-2.7423	16.881E-6
3	Plot B Basement 16.3	118.00000	8.00000	16.30000	-64.92369	15.394	-0.0045916	-2.0700	12.768E-6
3	Plot B Basement 16.3	121.00000	8.00000	16.30000	-66.27565	15.394	-0.0033020	-1.6247	10.033E-6
3	Plot B Basement 16.3	124.00000	8.00000	16.30000	-67.33766	15.394	-0.0024930	-1.3108	8.1007E-6
3	Plot B Basement 16.3	127.0000							



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Job No.	Sheet No.	Rev.
371459		
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Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
3	Plot B Basement 16.3	77.00000	14.00000	16.30000	-28.23563	15.394	-80.286	-204.98	-0.0017300
3	Plot B Basement 16.3	76.00000	14.00000	16.30000	-33.35714	15.394	-101.31	-262.16	-0.0021611
3	Plot B Basement 16.3	79.00000	14.00000	16.30000	-36.80233	15.394	-105.55	-285.25	-0.0021760
3	Plot B Basement 16.3	82.00000	14.00000	16.30000	-39.19556	15.394	-105.73	-290.85	-0.0021476
3	Plot B Basement 16.3	85.00000	14.00000	16.30000	-41.35919	15.394	-105.90	-295.39	-0.0021258
3	Plot B Basement 16.3	88.00000	14.00000	16.30000	-43.20657	15.394	-105.95	-297.38	-0.0021152
3	Plot B Basement 16.3	91.00000	14.00000	16.30000	-44.86231	15.394	-105.96	-297.62	-0.0021141
3	Plot B Basement 16.3	94.00000	14.00000	16.30000	-46.39348	15.394	-105.95	-295.63	-0.0021258
3	Plot B Basement 16.3	97.00000	14.00000	16.30000	-47.73065	15.394	-105.76	-287.71	-0.0021682
3	Plot B Basement 16.3	100.00000	14.00000	16.30000	-48.14841	15.394	-98.348	-238.19	-0.0021999
3	Plot B Basement 16.3	103.00000	14.00000	16.30000	-48.88945	15.394	-11.7349	-37.986	172.40E-6
3	Plot B Basement 16.3	106.00000	14.00000	16.30000	-58.65523	15.394	-0.13572	-13.468	79.105E-6
3	Plot B Basement 16.3	109.00000	14.00000	16.30000	-62.86315	15.394	-0.037237	-7.3210	44.371E-6
3	Plot B Basement 16.3	112.00000	14.00000	16.30000	-65.42772	15.394	-0.016818	-4.7059	28.788E-6
3	Plot B Basement 16.3	115.00000	14.00000	16.30000	-67.15962	15.394	-0.0097692	-3.3132	20.346E-6
3	Plot B Basement 16.3	118.00000	14.00000	16.30000	-68.38990	15.394	-0.0064866	-2.4697	15.136E-6
3	Plot B Basement 16.3	121.00000	14.00000	16.30000	-69.29715	15.394	-0.0046356	-1.9139	11.791E-6
3	Plot B Basement 16.3	124.00000	14.00000	16.30000	-69.98741	15.394	-0.0034572	-1.5253	9.4060E-6
3	Plot B Basement 16.3	127.00000	14.00000	16.30000	-70.52360	15.394	-0.0026480	-1.2418	7.6636E-6
3	Plot B Basement 16.3	130.00000	14.00000	16.30000	-70.94164	15.394	-0.0020653	-1.0279	6.3483E-6
3	Plot B Basement 16.3	40.00000	17.00000	16.30000	-0.60511	15.394	-0.070252	-1.3405	18.181E-6
3	Plot B Basement 16.3	43.00000	17.00000	16.30000	-1.09873	15.394	-0.14356	-4.5971	23.354E-6
3	Plot B Basement 16.3	46.00000	17.00000	16.30000	-1.81873	15.394	-0.32674	-6.6507	29.321E-6
3	Plot B Basement 16.3	49.00000	17.00000	16.30000	-2.88215	15.394	-0.87089	-10.247	31.394E-6
3	Plot B Basement 16.3	52.00000	17.00000	16.30000	-4.45084	15.394	-2.5007	-16.612	10.050E-6
3	Plot B Basement 16.3	55.00000	17.00000	16.30000	-5.60225	15.394	-5.9131	-26.071	-58.809E-6
3	Plot B Basement 16.3	58.00000	17.00000	16.30000	-9.28738	15.394	-10.825	-37.061	-174.36E-6
3	Plot B Basement 16.3	61.00000	17.00000	16.30000	-12.62883	15.394	-15.706	-49.108	-282.13E-6
3	Plot B Basement 16.3	64.00000	17.00000	16.30000	-18.74002	15.394	-37.783	-113.91	-705.11E-6
3	Plot B Basement 16.3	67.00000	17.00000	16.30000	-27.88520	15.394	-92.701	-231.36	-0.0020308
3	Plot B Basement 16.3	70.00000	17.00000	16.30000	-33.43595	15.394	-105.98	-282.51	-0.0020291
3	Plot B Basement 16.3	73.00000	17.00000	16.30000	-36.53720	15.394	-105.97	-290.81	-0.0021567
3	Plot B Basement 16.3	76.00000	17.00000	16.30000	-39.03820	15.394	-105.98	-295.59	-0.0021273
3	Plot B Basement 16.3	79.00000	17.00000	16.30000	-41.16234	15.394	-106.02	-299.00	-0.0021076
3	Plot B Basement 16.3	82.00000	17.00000	16.30000	-42.94991	15.394	-106.02	-300.77	-0.0020965
3	Plot B Basement 16.3	85.00000	17.00000	16.30000	-44.55636	15.394	-106.02	-301.74	-0.0020504
3	Plot B Basement 16.3	88.00000	17.00000	16.30000	-46.06749	15.394	-106.02	-301.90	-0.0020892
3	Plot B Basement 16.3	91.00000	17.00000	16.30000	-47.57570	15.394	-106.00	-301.00	-0.0020945
3	Plot B Basement 16.3	94.00000	17.00000	16.30000	-49.19530	15.394	-105.97	-298.14	-0.0021111
3	Plot B Basement 16.3	97.00000	17.00000	16.30000	-51.05608	15.394	-105.77	-289.58	-0.0021572
3	Plot B Basement 16.3	100.00000	17.00000	16.30000	-53.19120	15.394	-98.360	-239.55	-0.0021919
3	Plot B Basement 16.3	103.00000	17.00000	16.30000	-57.04415	15.394	-1.7428	-38.950	178.13E-6
3	Plot B Basement 16.3	106.00000	17.00000	16.30000	-62.39417	15.394	-0.14092	-14.141	83.171E-6
3	Plot B Basement 16.3	109.00000	17.00000	16.30000	-65.23495	15.394	-0.040762	-7.7918	47.182E-6
3	Plot B Basement 16.3	112.00000	17.00000	16.30000	-67.12897	15.394	-0.019247	-5.0389	30.779E-6
3	Plot B Basement 16.3	115.00000	17.00000	16.30000	-68.47666	15.394	-0.01467	-3.5525	21.778E-6
3	Plot B Basement 16.3	118.00000	17.00000	16.30000	-69.46717	15.394	-0.0076857	-2.6446	16.244E-6
3	Plot B Basement 16.3	121.00000	17.00000	16.30000	-70.21094	15.394	-0.0054896	-2.0437	12.571E-6
3	Plot B Basement 16.3	124.00000	17.00000	16.30000	-70.77820	15.394	-0.0040698	-1.6232	9.9948E-6
3	Plot B Basement 16.3	127.00000	17.00000	16.30000	-71.12422	15.394	-0.003090	-1.2142	8.110E-6
3	Plot B Basement 16.3	130.00000	17.00000	16.30000	-71.54727	15.394	-0.0023870	-1.0856	6.6970E-6
3	Plot B Basement 16.3	40.00000	20.00000	16.30000	-0.77569	15.394	-0.095181	-3.8424	20.451E-6
3	Plot B Basement 16.3	43.00000	20.00000	16.30000	-1.37125	15.394	-0.20495	-5.4854	26.605E-6
3	Plot B Basement 16.3	46.00000	20.00000	16.30000	-2.27437	15.394	-0.53276	-8.4134	32.613E-6
3	Plot B Basement 16.3	49.00000	20.00000	16.30000	-3.71070	15.394	-1.8330	-14.383	21.163E-6
3	Plot B Basement 16.3	52.00000	20.00000	16.30000	-6.16268	15.394	-7.9126	-27.752	-123.30E-6
3	Plot B Basement 16.3	55.00000	20.00000	16.30000	-9.75455	15.394	-21.278	-48.921	-492.29E-6
3	Plot B Basement 16.3	58.00000	20.00000	16.30000	-13.44256	15.394	-31.569	-66.966	-765.49E-6
3	Plot B Basement 16.3	61.00000	20.00000	16.30000	-17.24216	15.394	-35.136	-80.187	-816.62E-6
3	Plot B Basement 16.3	64.00000	20.00000	16.30000	-24.28519	15.394	-56.061	-161.44	-0.0010935
3	Plot B Basement 16.3	67.00000	20.00000	16.30000	-33.91906	15.394	-111.24	-293.81	-0.0023359
3	Plot B Basement 16.3	70.00000	20.00000	16.30000	-37.41788	15.394	-107.26	-300.36	-0.0021454
3	Plot B Basement 16.3	73.00000	20.00000	16.30000	-39.93480	15.394	-106.45	-302.28	-0.0021030
3	Plot B Basement 16.3	76.00000	20.00000	16.30000	-41.93541	15.394	-106.22	-303.49	-0.0020871
3	Plot B Basement 16.3	79.00000	20.00000	16.30000	-43.63169	15.394	-106.14	-304.37	-0.0020785
3	Plot B Basement 16.3	82.00000	20.00000	16.30000	-45.13082	15.394	-106.10	-304.84	-0.0020741
3	Plot B Basement 16.3	85.00000	20.00000	16.30000	-46.53132	15.394	-106.08	-304.88	-0.0020728
3	Plot B Basement 16.3	88.00000	20.00000	16.30000	-47.93857	15.394	-106.05	-304.36	-0.0020753
3	Plot B Basement 16.3	91.00000	20.00000	16.30000	-49.49930	15.394	-106.03	-302.95	-0.0020833
3	Plot B Basement 16.3	94.00000	20.00000	16.30000	-51.42168	15.394	-105.99	-299.69	-0.0021022
3	Plot B Basement 16.3	97.00000	20.00000	16.30000	-54.16718	15.394	-105.79	-290.79	-0.0021502
3	Plot B Basement 16.3	100.00000	20.00000	16.30000	-59.47788	15.394	-98.372	-240.48	-0.0021865
3	Plot B Basement 16.3	103.00000	20.00000	16.30000	-62.34425	15.394	-1.7514	-39.657	182.22E-6
3	Plot B Basement 16.3	106.00000	20.00000	16.30000	-65.05560	15.394	-0.14701	-14.666	86.173E-6
3	Plot B Basement 16.3	109.00000	20.00000	16.30000	-66.30890	15.394	-0.045067	-5.1795	49.444E-6
3	Plot B Basement 16.3	112.00000	20.00000	16.30000	-68.35853	15.394	-0.022272	-5.3249	32.453E-6
3	Plot B Basement 16.3	115.00000	20.00000	16.30000	-69.42514	15.394	-0.013585	-3.7643	23.023E-6
3	Plot B Basement 16.3	118.00000	20.00000	16.30000	-70.23866	15.394	-0.0091673	-2.8024	17.176E-6
3	Plot B Basement 16.3	121.00000	20.00000	16.30000	-70.86138	15.394	-0.0065281	-2.1624	13.274E-6
3	Plot B Basement 16.3	124.00000	20.00000	16.30000	-71.33866	15.394	-0.0048007	-1.7132	10.530E-6
3	Plot B Basement 16.3	127.00000	20.00000	16.30000	-71.70282	15.394	-0.0036079	-1.3854	8.5256E-6
3	Plot B Basement 16.3	130.00000	20.00000	16.30000	-71.97579	15.394	-0.0027560	-1.1389	7.0163E-6
3	Plot B Basement 16.3	40.00000	23.00000	16.30000	-0.92516	15.394	-0.11740	-4.3079	22.527E-6
3	Plot B Basement 16.3	43.00000	23.00000	16.30000	-1.61174	15.394	-0.26389	-6.3173	29.594E-6
3	Plot B Basement 16.3	46.00000	23.00000	16.30000	-2.67862	15.394	-0.67825	-10.070	35.635E-6
3	Plot B Basement 16.3	49.00000	23.00000	16.30000	-4.44736	15.394	-2.7216	-18.237	11.928E-6
3	Plot B Basement 16.3	52.00000	23.00000	16.30000	-7.67062	15.394	-12.792	-37.869	-243.09E-6
3	Plot B Basement 16.3	55.00000	23.00000	16.30000	-12.35996	15.394	-33.744	-68.126	-839.83E-6
3	Plot B Basement 16.3	58.00000	23.00000	16.30000	-16.25827	15.394	-42.638	-87.193	-0.0010542
3	Plot B Basement 16.3	61.00000	23.00000	16.30000	-19.79512	15.394	-41.747	-96.639	-961.75E-6
3	Plot B Basement 16.3	64.00000	23.00000	16.30000	-26.53443	15.394	-58.565	-173.87	-0.0011098
3	Plot B Basement 16.3	67.00000	23.00000	16.30000	-35.96163	15.394	-112.38	-303.30	-0.0023192
3	Plot B Basement 16.3	70.00000	23.00000	16.30000	-39.18523	15.394	-107.83	-306.84	-0.0021263
3	Plot B Basement 16.3	73.00000	23.00000	16.30000	-41.49397	15.394	-106.75	-307.05	-0.0020845
3	Plot B Basement 16.3	76.00000	23.00000	16.30000	-43.33642	15.394	-106.42	-307.24	-0.0020708
3	Plot B Basement 16.3	79.00000	23.00000	16.30000	-44.90297	15.394	-106.27	-307.37	-0.0020647
3	Plot B Basement 16.3	82.00000	23.00000	16.30000	-46.30890	15.394	-106.20	-307.30	-0.0020622
3	Plot B Basement								



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mDD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mDD]	[mm]				
3	Plot B Basement 16.3	124.00000	26.00000	16.30000	-71.95218	15.394	-0.0067332	-1.8678	11.424E-6
3	Plot B Basement 16.3	127.00000	26.00000	16.30000	-72.24082	15.394	-0.0049178	-1.5032	9.2128E-6
3	Plot B Basement 16.3	130.00000	26.00000	16.30000	-72.44878	15.394	-0.0036544	-1.2294	7.5483E-6
3	Plot B Basement 16.3	40.00000	29.00000	16.30000	-1.10989	15.394	-0.14712	-4.9540	25.452E-6
3	Plot B Basement 16.3	43.00000	29.00000	16.30000	-1.90370	15.394	-0.33472	-7.4295	33.891E-6
3	Plot B Basement 16.3	46.00000	29.00000	16.30000	-3.14762	15.394	-0.91709	-12.093	61.138E-6
3	Plot B Basement 16.3	49.00000	29.00000	16.30000	-5.20575	15.394	-3.2706	-22.078	15.341E-6
3	Plot B Basement 16.3	52.00000	29.00000	16.30000	-8.84736	15.394	-14.157	-44.914	-250.24E-6
3	Plot B Basement 16.3	55.00000	29.00000	16.30000	-13.95410	15.394	-36.668	-78.880	-882.28E-6
3	Plot B Basement 16.3	58.00000	29.00000	16.30000	-17.83758	15.394	-45.687	-98.907	-0.0010954
3	Plot B Basement 16.3	61.00000	29.00000	16.30000	-20.76791	15.394	-45.538	-106.00	-0.0010454
3	Plot B Basement 16.3	64.00000	29.00000	16.30000	-23.97030	15.394	-40.137	-121.11	-748.37E-6
3	Plot B Basement 16.3	67.00000	29.00000	16.30000	-28.23160	15.394	-35.539	-163.31	-312.08E-6
3	Plot B Basement 16.3	70.00000	29.00000	16.30000	-37.49074	15.394	-111.15	-300.43	-0.0022911
3	Plot B Basement 16.3	73.00000	29.00000	16.30000	-40.31703	15.394	-109.07	-306.79	-0.0021733
3	Plot B Basement 16.3	76.00000	29.00000	16.30000	-42.63158	15.394	-107.94	-309.53	-0.002136
3	Plot B Basement 16.3	79.00000	29.00000	16.30000	-44.63065	15.394	-107.33	-311.25	-0.0020799
3	Plot B Basement 16.3	82.00000	29.00000	16.30000	-46.29098	15.394	-106.90	-311.08	-0.0020650
3	Plot B Basement 16.3	85.00000	29.00000	16.30000	-47.84233	15.394	-106.63	-310.34	-0.0020594
3	Plot B Basement 16.3	88.00000	29.00000	16.30000	-49.46143	15.394	-106.45	-309.06	-0.0020605
3	Plot B Basement 16.3	91.00000	29.00000	16.30000	-51.44682	15.394	-106.31	-306.93	-0.0020689
3	Plot B Basement 16.3	94.00000	29.00000	16.30000	-54.62681	15.394	-106.19	-302.99	-0.0020891
3	Plot B Basement 16.3	97.00000	29.00000	16.30000	-63.56117	15.394	-105.93	-293.48	-0.0021388
3	Plot B Basement 16.3	100.00000	29.00000	16.30000	-72.49439	15.394	-98.474	-242.63	-0.0021769
3	Plot B Basement 16.3	103.00000	29.00000	16.30000	-66.42836	15.394	-1.8187	-41.324	190.08E-6
3	Plot B Basement 16.3	106.00000	29.00000	16.30000	-66.97345	15.394	-0.9191	-15.934	32.415E-6
3	Plot B Basement 16.3	109.00000	29.00000	16.30000	-68.32343	15.394	-0.074043	-9.1302	54.300E-6
3	Plot B Basement 16.3	112.00000	29.00000	16.30000	-69.53428	15.394	-0.040752	-6.0316	36.178E-6
3	Plot B Basement 16.3	115.00000	29.00000	16.30000	-70.46721	15.394	-0.025347	-4.2882	25.857E-6
3	Plot B Basement 16.3	118.00000	29.00000	16.30000	-71.16285	15.394	-0.016695	-3.1915	19.326E-6
3	Plot B Basement 16.3	121.00000	29.00000	16.30000	-71.67875	15.394	-0.011396	-2.4528	14.906E-6
3	Plot B Basement 16.3	124.00000	29.00000	16.30000	-72.06024	15.394	-0.0079895	-1.9315	11.775E-6
3	Plot B Basement 16.3	127.00000	29.00000	16.30000	-72.33908	15.394	-0.0057273	-1.5508	9.4799E-6
3	Plot B Basement 16.3	130.00000	29.00000	16.30000	-72.53620	15.394	-0.0041858	-1.2653	7.7529E-6
3	Plot B Basement 16.3	40.00000	32.00000	16.30000	-1.13141	15.394	-0.15277	-5.0871	26.072E-6
3	Plot B Basement 16.3	43.00000	32.00000	16.30000	-1.93628	15.394	-0.34652	-7.6462	34.803E-6
3	Plot B Basement 16.3	46.00000	32.00000	16.30000	-3.19578	15.394	-0.94240	-12.451	42.489E-6
3	Plot B Basement 16.3	49.00000	32.00000	16.30000	-5.27323	15.394	-3.3412	-22.675	16.428E-6
3	Plot B Basement 16.3	52.00000	32.00000	16.30000	-8.95434	15.394	-14.716	-46.042	-264.14E-6
3	Plot B Basement 16.3	55.00000	32.00000	16.30000	-14.02257	15.394	-37.163	-80.316	-891.84E-6
3	Plot B Basement 16.3	58.00000	32.00000	16.30000	-17.76550	15.394	-46.051	-100.62	-0.0010983
3	Plot B Basement 16.3	61.00000	32.00000	16.30000	-20.38271	15.394	-47.055	-107.90	-0.0010905
3	Plot B Basement 16.3	64.00000	32.00000	16.30000	-22.51343	15.394	-43.192	-107.92	-945.41E-6
3	Plot B Basement 16.3	67.00000	32.00000	16.30000	-25.07684	15.394	-36.473	-117.95	-630.66E-6
3	Plot B Basement 16.3	70.00000	32.00000	16.30000	-30.31252	15.394	-62.801	-186.20	-0.0011913
3	Plot B Basement 16.3	73.00000	32.00000	16.30000	-32.74521	15.394	-55.514	-190.14	-893.61E-6
3	Plot B Basement 16.3	76.00000	32.00000	16.30000	-39.50056	15.394	-105.11	-283.72	-0.0021689
3	Plot B Basement 16.3	79.00000	32.00000	16.30000	-42.89334	15.394	-110.17	-311.06	-0.0021879
3	Plot B Basement 16.3	82.00000	32.00000	16.30000	-44.92065	15.394	-108.56	-311.87	-0.0021222
3	Plot B Basement 16.3	85.00000	32.00000	16.30000	-46.83968	15.394	-107.68	-312.32	-0.0020865
3	Plot B Basement 16.3	88.00000	32.00000	16.30000	-48.65602	15.394	-107.12	-311.77	-0.0020726
3	Plot B Basement 16.3	91.00000	32.00000	16.30000	-50.64044	15.394	-106.75	-308.77	-0.0020738
3	Plot B Basement 16.3	94.00000	32.00000	16.30000	-53.36614	15.394	-106.48	-304.54	-0.0020902
3	Plot B Basement 16.3	97.00000	32.00000	16.30000	-58.71548	15.394	-106.12	-294.72	-0.0021381
3	Plot B Basement 16.3	100.00000	32.00000	16.30000	-64.66777	15.394	-98.553	-243.58	-0.0021755
3	Plot B Basement 16.3	103.00000	32.00000	16.30000	-61.47133	15.394	-1.8927	-42.013	191.65E-6
3	Plot B Basement 16.3	106.00000	32.00000	16.30000	-64.59774	15.394	-0.23388	-16.416	93.855E-6
3	Plot B Basement 16.3	109.00000	32.00000	16.30000	-67.42293	15.394	-0.097448	-9.4601	55.485E-6
3	Plot B Basement 16.3	112.00000	32.00000	16.30000	-69.19129	15.394	-0.053701	-6.2560	37.095E-6
3	Plot B Basement 16.3	115.00000	32.00000	16.30000	-70.33400	15.394	-0.032590	-4.4418	26.545E-6
3	Plot B Basement 16.3	118.00000	32.00000	16.30000	-71.11315	15.394	-0.020839	-3.2980	19.836E-6
3	Plot B Basement 16.3	121.00000	32.00000	16.30000	-71.66293	15.394	-0.013829	-2.5277	15.283E-6
3	Plot B Basement 16.3	124.00000	32.00000	16.30000	-72.05762	15.394	-0.0094575	-1.9851	12.055E-6
3	Plot B Basement 16.3	127.00000	32.00000	16.30000	-72.34080	15.394	-0.0063657	-1.5897	9.6891E-6
3	Plot B Basement 16.3	130.00000	32.00000	16.30000	-72.53844	15.394	-0.0047634	-1.2940	7.9107E-6
3	Plot B Basement 16.3	40.00000	35.00000	16.30000	-1.10358	15.394	-0.15228	-5.0821	26.059E-6
3	Plot B Basement 16.3	43.00000	35.00000	16.30000	-1.89265	15.394	-0.34507	-7.6322	34.770E-6
3	Plot B Basement 16.3	46.00000	35.00000	16.30000	-3.12748	15.394	-0.93859	-12.421	42.447E-6
3	Plot B Basement 16.3	49.00000	35.00000	16.30000	-5.16603	15.394	-3.3187	-22.617	16.911E-6
3	Plot B Basement 16.3	52.00000	35.00000	16.30000	-8.76899	15.394	-14.371	-45.837	-252.31E-6
3	Plot B Basement 16.3	55.00000	35.00000	16.30000	-13.76471	15.394	-36.963	-80.280	-884.57E-6
3	Plot B Basement 16.3	58.00000	35.00000	16.30000	-17.40797	15.394	-46.257	-101.16	-0.0011027
3	Plot B Basement 16.3	61.00000	35.00000	16.30000	-19.85023	15.394	-48.001	-109.53	-0.0011157
3	Plot B Basement 16.3	64.00000	35.00000	16.30000	-21.77396	15.394	-47.452	-111.93	-0.0011081
3	Plot B Basement 16.3	67.00000	35.00000	16.30000	-25.45580	15.394	-45.355	-123.92	-0.0011027
3	Plot B Basement 16.3	70.00000	35.00000	16.30000	-25.34436	15.394	-41.825	-110.91	-875.46E-6
3	Plot B Basement 16.3	73.00000	35.00000	16.30000	-27.29310	15.394	-36.414	-111.66	-667.84E-6
3	Plot B Basement 16.3	76.00000	35.00000	16.30000	-34.57371	15.394	-96.491	-220.65	-0.0022399
3	Plot B Basement 16.3	79.00000	35.00000	16.30000	-37.77746	15.394	-97.511	-248.41	-0.0021046
3	Plot B Basement 16.3	82.00000	35.00000	16.30000	-40.56929	15.394	-95.138	-264.10	-0.0019175
3	Plot B Basement 16.3	85.00000	35.00000	16.30000	-44.88342	15.394	-111.73	-313.01	-0.0022342
3	Plot B Basement 16.3	88.00000	35.00000	16.30000	-47.06536	15.394	-109.55	-313.73	-0.0021478
3	Plot B Basement 16.3	91.00000	35.00000	16.30000	-49.12217	15.394	-108.19	-311.40	-0.0021113
3	Plot B Basement 16.3	94.00000	35.00000	16.30000	-51.25347	15.394	-107.36	-307.06	-0.0021074
3	Plot B Basement 16.3	97.00000	35.00000	16.30000	-53.40392	15.394	-106.66	-296.72	-0.0021014
3	Plot B Basement 16.3	100.00000	35.00000	16.30000	-53.72121	15.394	-98.906	-245.03	-0.0021781
3	Plot B Basement 16.3	103.00000	35.00000	16.30000	-48.84110	15.394	-2.0598	-42.994	191.52E-6
3	Plot B Basement 16.3	106.00000	35.00000	16.30000	-59.03494	15.394	-0.31715	-17.036	94.603E-6
3	Plot B Basement 16.3	109.00000	35.00000	16.30000	-66.19478	15.394	-0.13761	-9.8396	56.351E-6
3	Plot B Basement 16.3	112.00000	35.00000	16.30000	-68.68127	15.394	-0.073298	-6.4891	37.817E-6
3	Plot B Basement 16.3	115.00000	35.00000	16.30000	-70.05890	15.394	-0.042507	-4.5878	27.087E-6
3	Plot B Basement 16.3	118.00000	35.00000	16.30000	-70.93538	15.394	-0.026078	-3.3919	20.226E-6
3	Plot B Basement 16.3	121.00000	35.00000	16.30000	-71.53145	15.394	-0.016719	-2.5898	15.563E-6
3	Plot B Basement 16.3	124.00000	35.00000	16.30000	-71.95096	15.394	-0.011117	-2.0271	12.255E-6
3	Plot B Basement 16.3	127.00000	35.00000	16.30000	-72.24213	15.394	-0.007640	-1.6188	9.8342E-6
3	Plot B Basement 16.3	130.00000	35.00000	16.30000	-72.45694	15.394	-0.0053697	-1.3146	8.0169E-6
3	Plot B Basement 16.3	40.00000	38.00000	16.30000	-1.02845	15.394	-0.14538	-4.9375	25.414E-6
3	Plot								



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
3	Plot B Basement 16.3	82.00000	41.00000	16.30000	-28.80259	15.394	-45.828	-119.77	-970.23E-6
3	Plot B Basement 16.3	85.00000	41.00000	16.30000	-31.12132	15.394	-43.616	-124.48	-857.78E-6
3	Plot B Basement 16.3	88.00000	41.00000	16.30000	-33.67299	15.394	-39.499	-129.72	-670.58E-6
3	Plot B Basement 16.3	91.00000	41.00000	16.30000	-43.26532	15.394	-124.58	-285.05	-0.0028910
3	Plot B Basement 16.3	94.00000	41.00000	16.30000	-46.56861	15.394	-122.29	-304.48	-0.0026837
3	Plot B Basement 16.3	97.00000	41.00000	16.30000	-48.76778	15.394	-115.37	-297.31	-0.0024686
3	Plot B Basement 16.3	100.00000	41.00000	16.30000	-49.84354	15.394	-104.00	-252.05	-0.0023253
3	Plot B Basement 16.3	103.00000	41.00000	16.30000	-48.97354	15.394	-3.9299	-47.316	148.39E-6
3	Plot B Basement 16.3	106.00000	41.00000	16.30000	-60.65576	15.394	-0.87561	-19.051	86.257E-6
3	Plot B Basement 16.3	109.00000	41.00000	16.30000	-65.31129	15.394	-0.31818	-10.779	55.453E-6
3	Plot B Basement 16.3	112.00000	41.00000	16.30000	-67.77296	15.394	-0.14077	-6.9510	38.174E-6
3	Plot B Basement 16.3	115.00000	41.00000	16.30000	-69.26154	15.394	-0.071052	-4.8263	27.507E-6
3	Plot B Basement 16.3	118.00000	41.00000	16.30000	-70.23705	15.394	-0.039381	-3.5198	20.527E-6
3	Plot B Basement 16.3	121.00000	41.00000	16.30000	-70.91278	15.394	-0.023405	-2.6603	15.753E-6
3	Plot B Basement 16.3	124.00000	41.00000	16.30000	-71.39787	15.394	-0.014686	-2.0668	12.370E-6
3	Plot B Basement 16.3	127.00000	41.00000	16.30000	-71.75187	15.394	-0.0095271	-1.6415	9.9007E-6
3	Plot B Basement 16.3	130.00000	41.00000	16.30000	-72.00822	15.394	-0.0065422	-1.3276	8.0541E-6
3	Plot B Basement 16.3	40.00000	44.00000	16.30000	-0.75982	15.394	-0.11242	-4.2698	22.476E-6
3	Plot B Basement 16.3	43.00000	44.00000	16.30000	-1.34900	15.394	-0.24353	-6.1777	29.485E-6
3	Plot B Basement 16.3	46.00000	44.00000	16.30000	-2.25076	15.394	-0.63773	-9.6325	36.297E-6
3	Plot B Basement 16.3	49.00000	44.00000	16.30000	-3.71397	15.394	-1.48932	-21.895E-6	
3	Plot B Basement 16.3	52.00000	44.00000	16.30000	-6.32242	15.394	-9.9973	-33.625	-164.78E-6
3	Plot B Basement 16.3	55.00000	44.00000	16.30000	-10.28835	15.394	-29.193	-61.821	-708.51E-6
3	Plot B Basement 16.3	58.00000	44.00000	16.30000	-13.57066	15.394	-40.480	-83.373	-997.18E-6
3	Plot B Basement 16.3	61.00000	44.00000	16.30000	-15.92198	15.394	-44.784	-95.896	-0.0010803
3	Plot B Basement 16.3	64.00000	44.00000	16.30000	-17.76874	15.394	-46.806	-110.72	-0.0011072
3	Plot B Basement 16.3	67.00000	44.00000	16.30000	-19.32581	15.394	-47.850	-108.88	-0.0011142
3	Plot B Basement 16.3	70.00000	44.00000	16.30000	-20.71876	15.394	-48.397	-112.34	-0.0011130
3	Plot B Basement 16.3	73.00000	44.00000	16.30000	-22.03556	15.394	-48.657	-114.66	-0.0011083
3	Plot B Basement 16.3	76.00000	44.00000	16.30000	-23.29497	15.394	-48.720	-116.12	-0.0011015
3	Plot B Basement 16.3	79.00000	44.00000	16.30000	-24.72643	15.394	-48.611	-116.97	-0.0010921
3	Plot B Basement 16.3	82.00000	44.00000	16.30000	-26.25843	15.394	-48.303	-117.44	-0.0010777
3	Plot B Basement 16.3	85.00000	44.00000	16.30000	-28.00137	15.394	-47.694	-117.45	-0.0010547
3	Plot B Basement 16.3	88.00000	44.00000	16.30000	-30.19113	15.394	-46.735	-118.86	-0.0010099
3	Plot B Basement 16.3	91.00000	44.00000	16.30000	-33.28895	15.394	-46.866	-130.38	-942.83E-6
3	Plot B Basement 16.3	94.00000	44.00000	16.30000	-36.29063	15.394	-43.590	-131.33	-814.00E-6
3	Plot B Basement 16.3	97.00000	44.00000	16.30000	-41.92532	15.394	-62.993	-182.93	-0.0012192
3	Plot B Basement 16.3	100.00000	44.00000	16.30000	-50.24453	15.394	-116.83	-253.24	-0.0027989
3	Plot B Basement 16.3	103.00000	44.00000	16.30000	-54.00484	15.394	-7.5899	-50.095	28.479E-6
3	Plot B Basement 16.3	106.00000	44.00000	16.30000	-61.52180	15.394	-1.5082	-20.164	69.487E-6
3	Plot B Basement 16.3	109.00000	44.00000	16.30000	-65.07914	15.394	-0.46200	-11.888	52.613E-6
3	Plot B Basement 16.3	112.00000	44.00000	16.30000	-67.24365	15.394	-0.18456	-7.1046	37.492E-6
3	Plot B Basement 16.3	115.00000	44.00000	16.30000	-68.66765	15.394	-0.087280	-4.8806	27.238E-6
3	Plot B Basement 16.3	118.00000	44.00000	16.30000	-69.65540	15.394	-0.046252	-3.5337	20.356E-6
3	Plot B Basement 16.3	121.00000	44.00000	16.30000	-70.36896	15.394	-0.026608	-2.6580	15.618E-6
3	Plot B Basement 16.3	124.00000	44.00000	16.30000	-70.89924	15.394	-0.016294	-2.0584	12.257E-6
3	Plot B Basement 16.3	127.00000	44.00000	16.30000	-71.29881	15.394	-0.010483	-1.6315	9.8062E-6
3	Plot B Basement 16.3	130.00000	44.00000	16.30000	-71.59831	15.394	-0.0070208	-1.3179	7.9755E-6
3	Plot B Basement 16.3	40.00000	47.00000	16.30000	-0.58789	15.394	-0.089987	-3.8085	20.433E-6
3	Plot B Basement 16.3	43.00000	47.00000	16.30000	-1.07475	15.394	-0.18278	-5.3407	26.122E-6
3	Plot B Basement 16.3	46.00000	47.00000	16.30000	-1.79373	15.394	-0.43062	-7.9311	39.429E-6
3	Plot B Basement 16.3	49.00000	47.00000	16.30000	-2.88572	15.394	-1.2429	-12.746	33.062E-6
3	Plot B Basement 16.3	52.00000	47.00000	16.30000	-4.60171	15.394	-4.3174	-22.326	-22.369E-6
3	Plot B Basement 16.3	55.00000	47.00000	16.30000	-7.09824	15.394	-12.339	-38.405	-222.73E-6
3	Plot B Basement 16.3	58.00000	47.00000	16.30000	-9.85897	15.394	-22.413	-56.250	-488.97E-6
3	Plot B Basement 16.3	61.00000	47.00000	16.30000	-12.46461	15.394	-31.851	-72.317	-742.61E-6
3	Plot B Basement 16.3	64.00000	47.00000	16.30000	-14.75117	15.394	-39.001	-85.493	-928.41E-6
3	Plot B Basement 16.3	67.00000	47.00000	16.30000	-16.69204	15.394	-43.460	-95.473	-0.0010333
3	Plot B Basement 16.3	70.00000	47.00000	16.30000	-18.36077	15.394	-45.981	-102.69	-0.0010827
3	Plot B Basement 16.3	73.00000	47.00000	16.30000	-19.85120	15.394	-47.369	-107.81	-0.0011028
3	Plot B Basement 16.3	76.00000	47.00000	16.30000	-21.24753	15.394	-48.127	-111.38	-0.0011089
3	Plot B Basement 16.3	79.00000	47.00000	16.30000	-22.62615	15.394	-48.524	-113.79	-0.0011087
3	Plot B Basement 16.3	82.00000	47.00000	16.30000	-24.06295	15.394	-48.687	-115.27	-0.0011056
3	Plot B Basement 16.3	85.00000	47.00000	16.30000	-25.64594	15.394	-48.665	-115.94	-0.0011006
3	Plot B Basement 16.3	88.00000	47.00000	16.30000	-27.50826	15.394	-48.450	-115.92	-0.0010926
3	Plot B Basement 16.3	91.00000	47.00000	16.30000	-29.80305	15.394	-47.941	-114.98	-0.0010794
3	Plot B Basement 16.3	94.00000	47.00000	16.30000	-32.76428	15.394	-46.805	-112.20	-0.0010542
3	Plot B Basement 16.3	97.00000	47.00000	16.30000	-37.44549	15.394	-46.357	-117.00	-0.0010074
3	Plot B Basement 16.3	100.00000	47.00000	16.30000	-44.79525	15.394	-38.114	-106.79	-762.06E-6
3	Plot B Basement 16.3	103.00000	47.00000	16.30000	-56.54595	15.394	-9.7190	-44.529	-86.175E-6
3	Plot B Basement 16.3	106.00000	47.00000	16.30000	-61.57431	15.394	-2.0458	-20.363	50.567E-6
3	Plot B Basement 16.3	109.00000	47.00000	16.30000	-64.47093	15.394	-0.58887	-11.320	48.677E-6
3	Plot B Basement 16.3	112.00000	47.00000	16.30000	-66.41664	15.394	-0.22277	-7.1250	36.186E-6
3	Plot B Basement 16.3	115.00000	47.00000	16.30000	-67.79705	15.394	-0.10105	-4.8573	26.576E-6
3	Plot B Basement 16.3	118.00000	47.00000	16.30000	-69.28892	15.394	-0.051886	-3.4983	19.924E-6
3	Plot B Basement 16.3	121.00000	47.00000	16.30000	-69.58586	15.394	-0.029143	-2.6226	15.302E-6
3	Plot B Basement 16.3	124.00000	47.00000	16.30000	-70.18320	15.394	-0.017522	-2.0272	12.016E-6
3	Plot B Basement 16.3	127.00000	47.00000	16.30000	-70.65006	15.394	-0.011116	-1.6053	9.6185E-6
3	Plot B Basement 16.3	130.00000	47.00000	16.30000	-71.01322	15.394	-0.0073634	-1.2963	7.8280E-6
3	Plot B Basement 16.3	40.00000	50.00000	16.30000	-0.40991	15.394	-0.06830	-3.3262	18.232E-6
3	Plot B Basement 16.3	43.00000	50.00000	16.30000	-0.79566	15.394	-0.12746	-4.4966	23.330E-6
3	Plot B Basement 16.3	46.00000	50.00000	16.30000	-1.34124	15.394	-0.26135	-6.3096	29.642E-6
3	Plot B Basement 16.3	49.00000	50.00000	16.30000	-2.11111	15.394	-0.59379	-9.2352	35.462E-6
3	Plot B Basement 16.3	52.00000	50.00000	16.30000	-3.17826	15.394	-1.4264	-13.969	33.825E-6
3	Plot B Basement 16.3	55.00000	50.00000	16.30000	-4.56685	15.394	-3.1494	-20.938	32.765E-6
3	Plot B Basement 16.3	58.00000	50.00000	16.30000	-6.21438	15.394	-6.0075	-29.829	-38.861E-6
3	Plot B Basement 16.3	61.00000	50.00000	16.30000	-8.08763	15.394	-10.624	-40.	



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mDD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
3	Plot B Basement 16.3	48.00000	56.00000	16.30000	-0.08386	15.394	-0.036175	-2.4535	13.981E-6
3	Plot B Basement 16.3	43.00000	56.00000	16.30000	-0.30637	15.394	-0.057212	-3.0967	17.213E-6
3	Plot B Basement 16.3	46.00000	56.00000	16.30000	-0.60007	15.394	-0.092716	-3.9547	21.245E-6
3	Plot B Basement 16.3	49.00000	56.00000	16.30000	-0.97816	15.394	-0.15210	-5.0920	26.127E-6
3	Plot B Basement 16.3	52.00000	56.00000	16.30000	-1.44962	15.394	-0.24736	-6.5645	31.760E-6
3	Plot B Basement 16.3	55.00000	56.00000	16.30000	-2.01604	15.394	-0.39058	-8.4000	37.863E-6
3	Plot B Basement 16.3	58.00000	56.00000	16.30000	-2.67362	15.394	-0.59645	-10.606	43.933E-6
3	Plot B Basement 16.3	61.00000	56.00000	16.30000	-3.42146	15.394	-0.89539	-13.222	49.070E-6
3	Plot B Basement 16.3	64.00000	56.00000	16.30000	-4.26933	15.394	-1.3524	-16.365	51.578E-6
3	Plot B Basement 16.3	67.00000	56.00000	16.30000	-5.24080	15.394	-2.0937	-20.257	48.105E-6
3	Plot B Basement 16.3	70.00000	56.00000	16.30000	-6.37449	15.394	-3.3594	-25.240	31.781E-6
3	Plot B Basement 16.3	73.00000	56.00000	16.30000	-7.72589	15.394	-5.5947	-31.782	-11.169E-6
3	Plot B Basement 16.3	76.00000	56.00000	16.30000	-9.36590	15.394	-9.5328	-40.410	-104.95E-6
3	Plot B Basement 16.3	79.00000	56.00000	16.30000	-11.35590	15.394	-15.959	-51.381	-277.41E-6
3	Plot B Basement 16.3	82.00000	56.00000	16.30000	-13.67213	15.394	-24.623	-63.998	-523.50E-6
3	Plot B Basement 16.3	85.00000	56.00000	16.30000	-16.16384	15.394	-33.341	-76.438	-773.48E-6
3	Plot B Basement 16.3	88.00000	56.00000	16.30000	-18.72531	15.394	-39.835	-86.231	-955.10E-6
3	Plot B Basement 16.3	91.00000	56.00000	16.30000	-21.52064	15.394	-43.681	-92.516	-0.0010601
3	Plot B Basement 16.3	94.00000	56.00000	16.30000	-25.20191	15.394	-45.330	-94.162	-0.0011117
3	Plot B Basement 16.3	97.00000	56.00000	16.30000	-32.95825	15.394	-43.923	-88.216	-0.0010960
3	Plot B Basement 16.3	100.00000	56.00000	16.30000	-46.29845	15.394	-32.079	-66.974	-0.00146E-6
3	Plot B Basement 16.3	103.00000	56.00000	16.30000	-50.91957	15.394	-10.066	-35.161	-157.74E-6
3	Plot B Basement 16.3	106.00000	56.00000	16.30000	-54.14699	15.394	-2.2290	-17.216	24.022E-6
3	Plot B Basement 16.3	109.00000	56.00000	16.30000	-56.98369	15.394	-6.64067	-9.6739	36.446E-6
3	Plot B Basement 16.3	112.00000	56.00000	16.30000	-59.37341	15.394	-0.23752	-6.1130	29.306E-6
3	Plot B Basement 16.3	115.00000	56.00000	16.30000	-63.36585	15.394	-6.10536	-16.882	22.230E-6
3	Plot B Basement 16.3	118.00000	56.00000	16.30000	-63.02793	15.394	-0.053096	-3.0364	16.991E-6
3	Plot B Basement 16.3	121.00000	56.00000	16.30000	-64.42006	15.394	-0.029397	-2.2937	13.237E-6
3	Plot B Basement 16.3	124.00000	56.00000	16.30000	-65.58925	15.394	-0.017490	-1.7873	10.518E-6
3	Plot B Basement 16.3	127.00000	56.00000	16.30000	-66.57160	15.394	-0.011011	-1.4268	8.5069E-6
3	Plot B Basement 16.3	130.00000	56.00000	16.30000	-67.33636	15.394	-0.0072557	-1.1613	6.9879E-6
3	Plot B Basement 16.3	40.00000	59.00000	16.30000	0.05088	15.394	-0.026096	-2.0968	12.130E-6
3	Plot B Basement 16.3	43.00000	59.00000	16.30000	-0.11336	15.394	-0.038694	-2.5749	14.646E-6
3	Plot B Basement 16.3	46.00000	59.00000	16.30000	-0.32580	15.394	-0.057957	-3.1810	17.712E-6
3	Plot B Basement 16.3	49.00000	59.00000	16.30000	-0.59324	15.394	-0.086875	-3.9408	21.377E-6
3	Plot B Basement 16.3	52.00000	59.00000	16.30000	-0.92019	15.394	-0.12878	-4.8736	25.637E-6
3	Plot B Basement 16.3	55.00000	59.00000	16.30000	-1.30813	15.394	-0.18699	-5.9886	30.424E-6
3	Plot B Basement 16.3	58.00000	59.00000	16.30000	-1.75678	15.394	-0.26565	-7.2894	35.606E-6
3	Plot B Basement 16.3	61.00000	59.00000	16.30000	-2.26710	15.394	-0.37224	-8.7889	40.982E-6
3	Plot B Basement 16.3	64.00000	59.00000	16.30000	-2.84450	15.394	-0.52212	-10.596	46.249E-6
3	Plot B Basement 16.3	67.00000	59.00000	16.30000	-3.50071	15.394	-0.73910	-12.574	50.883E-6
3	Plot B Basement 16.3	70.00000	59.00000	16.30000	-4.25487	15.394	-1.0727	-15.052	53.862E-6
3	Plot B Basement 16.3	73.00000	59.00000	16.30000	-5.13497	15.394	-1.6077	-18.138	53.084E-6
3	Plot B Basement 16.3	76.00000	59.00000	16.30000	-6.18070	15.394	-2.5047	-22.088	44.135E-6
3	Plot B Basement 16.3	79.00000	59.00000	16.30000	-7.44432	15.394	-4.0676	-27.264	17.970E-6
3	Plot B Basement 16.3	82.00000	59.00000	16.30000	-9.01700	15.394	-6.8456	-34.124	43.449E-6
3	Plot B Basement 16.3	85.00000	59.00000	16.30000	-10.98912	15.394	-11.649	-43.059	-167.78E-6
3	Plot B Basement 16.3	88.00000	59.00000	16.30000	-13.46099	15.394	-19.020	-53.872	-376.66E-6
3	Plot B Basement 16.3	91.00000	59.00000	16.30000	-16.47180	15.394	-27.882	-64.956	-639.74E-6
3	Plot B Basement 16.3	94.00000	59.00000	16.30000	-20.04400	15.394	-35.382	-73.111	-870.10E-6
3	Plot B Basement 16.3	97.00000	59.00000	16.30000	-25.15232	15.394	-38.407	-73.561	-980.75E-6
3	Plot B Basement 16.3	100.00000	59.00000	16.30000	-31.84700	15.394	-29.484	-57.975	-743.49E-6
3	Plot B Basement 16.3	103.00000	59.00000	16.30000	-38.84457	15.394	-9.1463	-30.424	-152.87E-6
3	Plot B Basement 16.3	106.00000	59.00000	16.30000	-45.14914	15.394	-1.9513	-14.867	19.746E-6
3	Plot B Basement 16.3	109.00000	59.00000	16.30000	-55.40122	15.394	-2.4562	-32.084	-6.807E-6
3	Plot B Basement 16.3	112.00000	59.00000	16.30000	-53.49188	15.394	-0.20714	-5.4322	26.190E-6
3	Plot B Basement 16.3	115.00000	59.00000	16.30000	-56.42380	15.394	-0.093356	-3.7791	20.123E-6
3	Plot B Basement 16.3	118.00000	59.00000	16.30000	-58.82565	15.394	-0.047820	-2.7752	15.555E-6
3	Plot B Basement 16.3	121.00000	59.00000	16.30000	-60.81657	15.394	-0.026862	-2.1186	12.237E-6
3	Plot B Basement 16.3	124.00000	59.00000	16.30000	-62.48912	15.394	-0.016177	-1.6652	9.8032E-6
3	Plot B Basement 16.3	127.00000	59.00000	16.30000	-63.87489	15.394	-0.010287	-1.3389	7.9845E-6
3	Plot B Basement 16.3	130.00000	59.00000	16.30000	-65.04520	15.394	-0.0068336	-1.0964	6.5979E-6
3	Plot B Basement 16.3	40.00000	62.00000	16.30000	0.16420	15.394	-0.018963	-1.7947	10.508E-6
3	Plot B Basement 16.3	43.00000	62.00000	16.30000	0.04500	15.394	-0.026697	-2.1541	12.465E-6
3	Plot B Basement 16.3	46.00000	62.00000	16.30000	-0.10737	15.394	-0.037665	-2.5926	14.794E-6
3	Plot B Basement 16.3	49.00000	62.00000	16.30000	-0.29684	15.394	-0.053019	-3.1208	17.521E-6
3	Plot B Basement 16.3	52.00000	62.00000	16.30000	-0.52614	15.394	-0.073790	-3.7462	20.652E-6
3	Plot B Basement 16.3	55.00000	62.00000	16.30000	-0.79675	15.394	-0.10113	-4.4718	24.163E-6
3	Plot B Basement 16.3	58.00000	62.00000	16.30000	-1.10957	15.394	-0.13641	-5.2986	28.008E-6
3	Plot B Basement 16.3	61.00000	62.00000	16.30000	-1.46627	15.394	-0.18194	-6.2305	32.126E-6
3	Plot B Basement 16.3	64.00000	62.00000	16.30000	-1.87071	15.394	-0.24176	-7.2803	36.444E-6
3	Plot B Basement 16.3	67.00000	62.00000	16.30000	-2.33012	15.394	-0.32277	-8.4733	40.865E-6
3	Plot B Basement 16.3	70.00000	62.00000	16.30000	-2.85858	15.394	-0.43633	-9.8508	45.216E-6
3	Plot B Basement 16.3	73.00000	62.00000	16.30000	-3.46421	15.394	-0.60139	-11.473	49.165E-6
3	Plot B Basement 16.3	76.00000	62.00000	16.30000	-4.17787	15.394	-0.85046	-13.425	52.024E-6
3	Plot B Basement 16.3	79.00000	62.00000	16.30000	-5.02828	15.394	-1.2412	-15.825	52.378E-6
3	Plot B Basement 16.3	82.00000	62.00000	16.30000	-6.05978	15.394	-1.8797	-18.842	47.285E-6
3	Plot B Basement 16.3	85.00000	62.00000	16.30000	-7.33629	15.394	-2.9656	-22.699	30.665E-6
3	Plot B Basement 16.3	88.00000	62.00000	16.30000	-8.95102	15.394	-4.8686	-27.660	-9.7036E-6
3	Plot B Basement 16.3	91.00000	62.00000	16.30000	-11.03455	15.394	-8.1996	-31.034	-25.738E-6
3	Plot B Basement 16.3	94.00000	62.00000	16.30000	-13.72833	15.394	-13.569	-40.846	-253.60E-6
3	Plot B Basement 16.3	97.00000	62.00000	16.30000	-16.98298	15.394	-19.916	-45.598	-461.99E-6
3	Plot B Basement 16.3	100.00000	62.00000	16.30000	-19.99588	15.394	-19.092	-39.804	-467.29E-6
3	Plot B Basement 16.3	103.00000	62.00000	16.30000	-22.48953	15.394	-6.3940	-22.460	-99.423E-6
3	Plot B Basement 16.3	106.00000	62.00000	16.30000	-26.13029	15.394	-11.4020	-20.286	-13.147E-6
3	Plot B Basement 16.3	109.00000	62.00000	16.30000	-33.76664	15.394	-0.41735	-6.9675	27.903E-6
3	Plot B Basement 16.3	112.00000	62.00000	16.30000	-41.83087	15.394	-0.16375	-4.6411	22.872E-6
3	Plot B Basement 16.3	115.00000	62.00000	16.30000	-47.72234	15.394	-0.076863	-3.3149	17.840E-6
3	Plot B Basement 16.3	118.00000	62.00000	16.30000	-51.90297	15.394	-0.040676	-2.4824	13.993E-6
3	Plot B Basement 16.3	121.00000	62.00000	16.30000	-55.12658	15.394	-0.023445	-1.9237	11.147E-6
3	Plot B Basement 16.3	124.00000	62.00000	16.30000	-57.71492	15.394	-0.014409	-1.5299	9.0240E-6
3	Plot B Basement 16.3	127.00000	62.00000	16.30000	-59.83483	15.394	-0.0093122	-1.2419	7.4144E-6
3	Plot B Basement 16.3	130.00000	62.00000	16.30000	-61.58847	15.394	-0.0062672	-1.0249	6.1720E-6
3	Plot B Basement 16.3	40.00000	65.00000	16.30000	0.25702	15.394	-0.013938	-1.5409	9.1103E-6
3	Plot B Basement 16.3	43.00000	65.00000	16.30000	0.17222	15.394	-0.018826	-1.8147	10.619E-6
3	Plot B Basement 16.3	46.00000	65.00000	16.30000	0.06434	15.394	-0.025407	-2.1389	12.418E-6
3	Plot B Basement 16.3	49.00000	65.00000	16.30000	-0.06926	15.394	-0.034107	-2.5182	14.463E-6
3	Plot B Basement 16.3	52.00000	65.00000	16.30000	-0.23043	15.3			



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
3	Plot B Basement 16.3	91.00000	68.00000	16.30000	-4.93890	15.394	-0.66040	-10.021	37.875E-6
3	Plot B Basement 16.3	94.00000	68.00000	16.30000	-6.01344	15.394	-0.86176	-10.606	33.980E-6
3	Plot B Basement 16.3	97.00000	68.00000	16.30000	-7.15215	15.394	-1.0403	-10.643	27.518E-6
3	Plot B Basement 16.3	100.00000	68.00000	16.30000	-8.36736	15.394	-0.99784	-9.6360	22.811E-6
3	Plot B Basement 16.3	103.00000	68.00000	16.30000	-9.66994	15.394	-0.64182	-7.6334	23.633E-6
3	Plot B Basement 16.3	106.00000	68.00000	16.30000	-11.18381	15.394	-0.31346	-5.6027	23.268E-6
3	Plot B Basement 16.3	109.00000	68.00000	16.30000	-13.01926	15.394	-0.14956	-4.1071	20.065E-6
3	Plot B Basement 16.3	112.00000	68.00000	16.30000	-15.25141	15.394	-0.076723	-3.0866	16.418E-6
3	Plot B Basement 16.3	115.00000	68.00000	16.30000	-17.98339	15.394	-0.042594	-2.3835	13.303E-6
3	Plot B Basement 16.3	118.00000	68.00000	16.30000	-21.40380	15.394	-0.025272	-1.8847	10.834E-6
3	Plot B Basement 16.3	121.00000	68.00000	16.30000	-25.92285	15.394	-0.015823	-1.5201	8.9092E-6
3	Plot B Basement 16.3	124.00000	68.00000	16.30000	-32.46146	15.394	-0.010350	-1.2465	7.4043E-6
3	Plot B Basement 16.3	127.00000	68.00000	16.30000	-40.60537	15.394	-0.0070201	-1.0366	6.2170E-6
3	Plot B Basement 16.3	130.00000	68.00000	16.30000	-46.88016	15.394	-0.0049086	-0.87239	5.2697E-6
3	Plot B Basement 16.3	40.00000	71.00000	16.30000	0.38938	15.394	-0.0078315	-1.1498	6.8945E-6
3	Plot B Basement 16.3	43.00000	71.00000	16.30000	-0.35073	15.394	-0.0099528	-1.3148	7.8461E-6
3	Plot B Basement 16.3	46.00000	71.00000	16.30000	0.30034	15.394	-0.012605	-1.5018	8.9160E-6
3	Plot B Basement 16.3	49.00000	71.00000	16.30000	0.23704	15.394	-0.015875	-1.7118	10.106E-6
3	Plot B Basement 16.3	52.00000	71.00000	16.30000	0.15974	15.394	-0.019845	-1.9448	11.413E-6
3	Plot B Basement 16.3	55.00000	71.00000	16.30000	0.06741	15.394	-0.024599	-2.2000	12.831E-6
3	Plot B Basement 16.3	58.00000	71.00000	16.30000	-0.04107	15.394	-0.030235	-2.4765	14.348E-6
3	Plot B Basement 16.3	61.00000	71.00000	16.30000	-0.16713	15.394	-0.036889	-2.7728	15.950E-6
3	Plot B Basement 16.3	64.00000	71.00000	16.30000	-0.31274	15.394	-0.044756	-3.0878	17.625E-6
3	Plot B Basement 16.3	67.00000	71.00000	16.30000	-0.48069	15.394	-0.054124	-3.4208	19.355E-6
3	Plot B Basement 16.3	70.00000	71.00000	16.30000	-0.67477	15.394	-0.065391	-3.7713	21.124E-6
3	Plot B Basement 16.3	73.00000	71.00000	16.30000	-0.90001	15.394	-0.079100	-4.1388	22.907E-6
3	Plot B Basement 16.3	76.00000	71.00000	16.30000	-1.16285	15.394	-0.095959	-4.5222	24.672E-6
3	Plot B Basement 16.3	79.00000	71.00000	16.30000	-1.47132	15.394	-0.11686	-4.9184	26.364E-6
3	Plot B Basement 16.3	82.00000	71.00000	16.30000	-1.83497	15.394	-0.14288	-5.3203	27.901E-6
3	Plot B Basement 16.3	85.00000	71.00000	16.30000	-2.26166	15.394	-0.17509	-5.7139	29.153E-6
3	Plot B Basement 16.3	88.00000	71.00000	16.30000	-2.77084	15.394	-0.21405	-6.0719	29.930E-6
3	Plot B Basement 16.3	91.00000	71.00000	16.30000	-3.36194	15.394	-0.25825	-6.3448	29.978E-6
3	Plot B Basement 16.3	94.00000	71.00000	16.30000	-4.03967	15.394	-0.30039	-6.4496	29.052E-6
3	Plot B Basement 16.3	97.00000	71.00000	16.30000	-4.79760	15.394	-0.32150	-6.2700	27.138E-6
3	Plot B Basement 16.3	100.00000	71.00000	16.30000	-5.62914	15.394	-0.29444	-5.7147	24.682E-6
3	Plot B Basement 16.3	103.00000	71.00000	16.30000	-6.54784	15.394	-0.21908	-4.8518	22.114E-6
3	Plot B Basement 16.3	106.00000	71.00000	16.30000	-7.59392	15.394	-0.13824	-3.9186	19.312E-6
3	Plot B Basement 16.3	109.00000	71.00000	16.30000	-8.81295	15.394	-0.081727	-3.1075	16.361E-6
3	Plot B Basement 16.3	112.00000	71.00000	16.30000	-10.24488	15.394	-0.048515	-2.4700	13.621E-6
3	Plot B Basement 16.3	115.00000	71.00000	16.30000	-11.93294	15.394	-0.029709	-1.9844	11.211E-6
3	Plot B Basement 16.3	118.00000	71.00000	16.30000	-13.93584	15.394	-0.018876	-1.6150	9.3885E-6
3	Plot B Basement 16.3	121.00000	71.00000	16.30000	-16.34105	15.394	-0.012422	-1.3313	7.8566E-6
3	Plot B Basement 16.3	124.00000	71.00000	16.30000	-19.28836	15.394	-0.0084377	-1.1103	6.6249E-6
3	Plot B Basement 16.3	127.00000	71.00000	16.30000	-23.03357	15.394	-0.0058928	-0.93592	5.6299E-6
3	Plot B Basement 16.3	130.00000	71.00000	16.30000	-28.16468	15.394	-0.0042174	-0.96639	4.8204E-6
3	Plot B Basement 16.3	40.00000	74.00000	16.30000	0.43361	15.394	-0.005940	-0.9966	6.0249E-6
3	Plot B Basement 16.3	43.00000	74.00000	16.30000	0.40998	15.394	-0.0074334	-1.1298	6.7842E-6
3	Plot B Basement 16.3	46.00000	74.00000	16.30000	0.37793	15.394	-0.0091986	-1.2750	7.6259E-6
3	Plot B Basement 16.3	49.00000	74.00000	16.30000	0.33658	15.394	-0.011322	-1.4355	8.5495E-6
3	Plot B Basement 16.3	52.00000	74.00000	16.30000	-0.13842	15.394	-0.025110	-1.6109	9.5516E-6
3	Plot B Basement 16.3	55.00000	74.00000	16.30000	0.22261	15.394	-0.016798	-1.8005	10.626E-6
3	Plot B Basement 16.3	58.00000	74.00000	16.30000	0.14817	15.394	-0.020234	-2.0030	11.763E-6
3	Plot B Basement 16.3	61.00000	74.00000	16.30000	0.06059	15.394	-0.024207	-2.2171	12.952E-6
3	Plot B Basement 16.3	64.00000	74.00000	16.30000	-0.04170	15.394	-0.028795	-2.4412	14.181E-6
3	Plot B Basement 16.3	67.00000	74.00000	16.30000	-0.16088	15.394	-0.034105	-2.6736	15.435E-6
3	Plot B Basement 16.3	70.00000	74.00000	16.30000	-0.29945	15.394	-0.040280	-2.9126	16.698E-6
3	Plot B Basement 16.3	73.00000	74.00000	16.30000	-0.46117	15.394	-0.047495	-3.1559	17.948E-6
3	Plot B Basement 16.3	76.00000	74.00000	16.30000	-0.65034	15.394	-0.055951	-3.4002	19.158E-6
3	Plot B Basement 16.3	79.00000	74.00000	16.30000	-0.87217	15.394	-0.065880	-3.6405	20.289E-6
3	Plot B Basement 16.3	82.00000	74.00000	16.30000	-1.13268	15.394	-0.077332	-3.8609	21.266E-6
3	Plot B Basement 16.3	85.00000	74.00000	16.30000	-1.43783	15.394	-0.090342	-4.0729	22.073E-6
3	Plot B Basement 16.3	88.00000	74.00000	16.30000	-1.79375	15.394	-0.10435	-4.2331	22.549E-6
3	Plot B Basement 16.3	91.00000	74.00000	16.30000	-2.20460	15.394	-0.11784	-4.3214	22.956E-6
3	Plot B Basement 16.3	94.00000	74.00000	16.30000	-2.67212	15.394	-0.12760	-4.3009	22.101E-6
3	Plot B Basement 16.3	97.00000	74.00000	16.30000	-3.19614	15.394	-0.12866	-4.1346	21.022E-6
3	Plot B Basement 16.3	100.00000	74.00000	16.30000	-3.77838	15.394	-0.11678	-3.8083	19.427E-6
3	Plot B Basement 16.3	103.00000	74.00000	16.30000	-4.42794	15.394	-0.093747	-3.3577	17.474E-6
3	Plot B Basement 16.3	106.00000	74.00000	16.30000	-5.16253	15.394	-0.067758	-2.8604	15.341E-6
3	Plot B Basement 16.3	109.00000	74.00000	16.30000	-6.00382	15.394	-0.046039	-2.3990	13.214E-6
3	Plot B Basement 16.3	112.00000	74.00000	16.30000	-6.97382	15.394	-0.030613	-1.9838	11.253E-6
3	Plot B Basement 16.3	115.00000	74.00000	16.30000	-8.09582	15.394	-0.020441	-1.6490	9.5417E-6
3	Plot B Basement 16.3	118.00000	74.00000	16.30000	-9.39777	15.394	-0.013857	-1.3781	8.0953E-6
3	Plot B Basement 16.3	121.00000	74.00000	16.30000	-10.91603	15.394	-0.0095801	-1.1599	6.8918E-6
3	Plot B Basement 16.3	124.00000	74.00000	16.30000	-12.69990	15.394	-0.0067611	-0.98367	5.8959E-6
3	Plot B Basement 16.3	127.00000	74.00000	16.30000	-14.81893	15.394	-0.0048674	-0.80047	5.0178E-6
3	Plot B Basement 16.3	130.00000	74.00000	16.30000	-17.37691	15.394	-0.0035698	-0.72323	4.3874E-6
3	Plot B Basement 16.3	40.00000	77.00000	16.30000	0.46620	15.394	-0.0046262	-0.87275	5.2825E-6
3	Plot B Basement 16.3	43.00000	77.00000	16.30000	0.45388	15.394	-0.0056371	-0.97641	5.8926E-6
3	Plot B Basement 16.3	46.00000	77.00000	16.30000	0.43551	15.394	-0.0068416	-1.0905	6.5605E-6
3	Plot B Basement 16.3	49.00000	77.00000	16.30000	-0.082606	15.394	-0.011943	-1.2148	7.2846E-6
3	Plot B Basement 16.3	52.00000	77.00000	16.30000	0.37797	15.394	-0.0099132	-1.3490	8.0614E-6
3	Plot B Basement 16.3	55.00000	77.00000	16.30000	0.33743	15.394	-0.011817	-1.4922	8.8850E-6
3	Plot B Basement 16.3	58.00000	77.00000	16.30000	0.28803	15.394	-0.013991	-1.6432	9.7478E-6
3	Plot B Basement 16.3	61.00000	77.00000	16.30000	0.22878	15.394	-0.016458	-1.8008	10.640E-6
3	Plot B Basement 16.3	64.00000	77.00000	16.30000	0.15848	15.394	-0.019247	-1.9639	11.522E-6
3	Plot B Basement 16.3	67.00000	77.00000	16.30000	0.07553	15.394	-0.022395	-2.1290	12.470E-6
3	Plot B Basement 16.3	70.00000	77.00000	16.30000	-0.02205	15.394	-0.025947	-2.2958	13.379E-6
3	Plot B Basement 16.3	73.00000	77.00000	16.30000	-0.13675	15.394	-0.029948	-2.4609	14.261E-6
3	Plot B Basement 16.3	76.00000	77.00000	16.30000	-0.27155	15.394	-0.034438	-2.6211	15.094E-6
3	Plot B Basement 16.3	79.00000	77.00000	16.30000	-0.42949	15.394	-0.03423	-2.7716	15.848E-6
3	Plot B Basement 16.3	82.00000	77.00000	16.30000	-0.61551	15.394	-0.044842	-2.9059	16.485E-6
3	Plot B Basement 16.3	85.00000	77.00000	16.30000	-0.83226	15.394	-0.050498	-3.0152	16.955E-6
3	Plot B Basement 16.3	88.00000	77.00000	16.30000	-1.08362	15.394	-0.055957	-3.0874	17.202E-6
3	Plot B Basement 16.3	91.00000	77.00000	16.30000	-1.37325	15.394	-0.060429	-3.1078	17.162E-6
3	Plot B Basement 16.3	94.00000	77.00000	16.30000	-1.70032	15.394	-0.062713	-3.0607	16.782E-6
3	Plot B Basement 16.3	97.00000	77.00000	16.30000	-2.06914	15.394	-0.061460	-2.9344	16.039E-6
3	Plot B Basement 16.3	100.00000	77.00000	16.30000	-2.48174				



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	-18.00000	-90.00000	13.40000	0.15170	12.624	-98.161E-6	-0.14309	794.98E-9
4	Plot C Basement 13.4	-14.00000	-90.00000	13.40000	0.15847	12.624	-106.07E-6	-0.15031	834.96E-9
4	Plot C Basement 13.4	-10.00000	-90.00000	13.40000	0.16553	12.624	-114.50E-6	-0.15786	876.82E-9
4	Plot C Basement 13.4	-6.00000	-90.00000	13.40000	0.17290	12.624	-123.45E-6	-0.16576	920.59E-9
4	Plot C Basement 13.4	-2.00000	-90.00000	13.40000	0.18057	12.624	-132.92E-6	-0.17401	966.27E-9
4	Plot C Basement 13.4	2.00000	-90.00000	13.40000	0.18855	12.624	-142.89E-6	-0.18259	1.0139E-6
4	Plot C Basement 13.4	6.00000	-90.00000	13.40000	0.19685	12.624	-153.34E-6	-0.19152	1.0633E-6
4	Plot C Basement 13.4	10.00000	-90.00000	13.40000	0.20546	12.624	-164.24E-6	-0.20079	1.1146E-6
4	Plot C Basement 13.4	14.00000	-90.00000	13.40000	0.21438	12.624	-175.54E-6	-0.21037	1.1677E-6
4	Plot C Basement 13.4	18.00000	-90.00000	13.40000	0.22361	12.624	-187.17E-6	-0.22025	1.2225E-6
4	Plot C Basement 13.4	22.00000	-90.00000	13.40000	0.23314	12.624	-199.06E-6	-0.23042	1.2788E-6
4	Plot C Basement 13.4	26.00000	-90.00000	13.40000	0.24296	12.624	-211.11E-6	-0.24085	1.3365E-6
4	Plot C Basement 13.4	30.00000	-90.00000	13.40000	0.25307	12.624	-223.21E-6	-0.25150	1.3955E-6
4	Plot C Basement 13.4	34.00000	-90.00000	13.40000	0.26344	12.624	-235.25E-6	-0.26234	1.4556E-6
4	Plot C Basement 13.4	38.00000	-90.00000	13.40000	0.27406	12.624	-247.09E-6	-0.27332	1.5165E-6
4	Plot C Basement 13.4	42.00000	-90.00000	13.40000	0.28490	12.624	-258.58E-6	-0.28441	1.5780E-6
4	Plot C Basement 13.4	46.00000	-90.00000	13.40000	0.29595	12.624	-269.58E-6	-0.29556	1.6398E-6
4	Plot C Basement 13.4	50.00000	-90.00000	13.40000	0.30716	12.624	-279.91E-6	-0.30670	1.7016E-6
4	Plot C Basement 13.4	54.00000	-90.00000	13.40000	0.31851	12.624	-289.42E-6	-0.31778	1.7631E-6
4	Plot C Basement 13.4	58.00000	-90.00000	13.40000	0.32995	12.624	-297.96E-6	-0.32874	1.8240E-6
4	Plot C Basement 13.4	62.00000	-90.00000	13.40000	0.34144	12.624	-305.37E-6	-0.33952	1.8851E-6
4	Plot C Basement 13.4	66.00000	-90.00000	13.40000	0.35293	12.624	-311.53E-6	-0.35006	1.9425E-6
4	Plot C Basement 13.4	70.00000	-90.00000	13.40000	0.36436	12.624	-316.33E-6	-0.36030	1.9994E-6
4	Plot C Basement 13.4	74.00000	-90.00000	13.40000	0.37567	12.624	-319.66E-6	-0.37018	2.0544E-6
4	Plot C Basement 13.4	78.00000	-90.00000	13.40000	0.38681	12.624	-321.46E-6	-0.37963	2.1071E-6
4	Plot C Basement 13.4	82.00000	-90.00000	13.40000	0.39770	12.624	-321.70E-6	-0.38861	2.1572E-6
4	Plot C Basement 13.4	86.00000	-90.00000	13.40000	0.40828	12.624	-320.38E-6	-0.39707	2.2044E-6
4	Plot C Basement 13.4	90.00000	-90.00000	13.40000	0.41845	12.624	-317.53E-6	-0.40494	2.2484E-6
4	Plot C Basement 13.4	94.00000	-90.00000	13.40000	0.42816	12.624	-313.20E-6	-0.41219	2.2890E-6
4	Plot C Basement 13.4	98.00000	-90.00000	13.40000	0.43731	12.624	-307.49E-6	-0.41878	2.3289E-6
4	Plot C Basement 13.4	102.00000	-90.00000	13.40000	0.44584	12.624	-300.51E-6	-0.42465	2.3589E-6
4	Plot C Basement 13.4	106.00000	-90.00000	13.40000	0.45366	12.624	-292.40E-6	-0.42978	2.3878E-6
4	Plot C Basement 13.4	110.00000	-90.00000	13.40000	0.46070	12.624	-283.31E-6	-0.43411	2.4123E-6
4	Plot C Basement 13.4	114.00000	-90.00000	13.40000	0.46689	12.624	-273.41E-6	-0.43762	2.4322E-6
4	Plot C Basement 13.4	118.00000	-90.00000	13.40000	0.47216	12.624	-262.83E-6	-0.44025	2.4472E-6
4	Plot C Basement 13.4	122.00000	-90.00000	13.40000	0.47648	12.624	-251.81E-6	-0.44197	2.4572E-6
4	Plot C Basement 13.4	126.00000	-90.00000	13.40000	0.47978	12.624	-240.43E-6	-0.44273	2.4618E-6
4	Plot C Basement 13.4	130.00000	-90.00000	13.40000	0.48204	12.624	-228.86E-6	-0.44249	2.4608E-6
4	Plot C Basement 13.4	134.00000	-90.00000	13.40000	0.48325	12.624	-217.23E-6	-0.44120	2.4541E-6
4	Plot C Basement 13.4	138.00000	-90.00000	13.40000	0.48339	12.624	-205.64E-6	-0.43883	2.4412E-6
4	Plot C Basement 13.4	142.00000	-90.00000	13.40000	0.48248	12.624	-194.20E-6	-0.43535	2.4222E-6
4	Plot C Basement 13.4	146.00000	-90.00000	13.40000	0.48054	12.624	-182.96E-6	-0.43072	2.3967E-6
4	Plot C Basement 13.4	150.00000	-90.00000	13.40000	0.47759	12.624	-172.01E-6	-0.42495	2.3649E-6
4	Plot C Basement 13.4	154.00000	-90.00000	13.40000	0.47367	12.624	-161.37E-6	-0.41804	2.3267E-6
4	Plot C Basement 13.4	158.00000	-90.00000	13.40000	0.46884	12.624	-151.09E-6	-0.41001	2.2822E-6
4	Plot C Basement 13.4	162.00000	-90.00000	13.40000	0.46313	12.624	-141.19E-6	-0.40098	2.2318E-6
4	Plot C Basement 13.4	166.00000	-90.00000	13.40000	0.45659	12.624	-131.69E-6	-0.39083	2.1759E-6
4	Plot C Basement 13.4	170.00000	-90.00000	13.40000	0.44928	12.624	-122.61E-6	-0.37985	2.1149E-6
4	Plot C Basement 13.4	174.00000	-90.00000	13.40000	0.44123	12.624	-113.96E-6	-0.36808	2.0496E-6
4	Plot C Basement 13.4	178.00000	-90.00000	13.40000	0.43257	12.624	-105.74E-6	-0.35566	1.9806E-6
4	Plot C Basement 13.4	182.00000	-90.00000	13.40000	0.42314	12.624	-97.970E-6	-0.34273	1.9087E-6
4	Plot C Basement 13.4	186.00000	-90.00000	13.40000	0.41318	12.624	-90.640E-6	-0.32943	1.8347E-6
4	Plot C Basement 13.4	190.00000	-90.00000	13.40000	0.40271	12.624	-83.754E-6	-0.31590	1.7595E-6
4	Plot C Basement 13.4	194.00000	-90.00000	13.40000	0.39176	12.624	-77.307E-6	-0.30227	1.6837E-6
4	Plot C Basement 13.4	198.00000	-90.00000	13.40000	0.38042	12.624	-71.291E-6	-0.28869	1.6081E-6
4	Plot C Basement 13.4	202.00000	-90.00000	13.40000	0.36876	12.624	-65.695E-6	-0.27525	1.5333E-6
4	Plot C Basement 13.4	206.00000	-90.00000	13.40000	0.35684	12.624	-60.506E-6	-0.26205	1.4599E-6
4	Plot C Basement 13.4	210.00000	-90.00000	13.40000	0.34475	12.624	-55.704E-6	-0.24917	1.3882E-6
4	Plot C Basement 13.4	214.00000	-90.00000	13.40000	0.33257	12.624	-51.273E-6	-0.23668	1.3187E-6
4	Plot C Basement 13.4	218.00000	-90.00000	13.40000	0.32037	12.624	-47.190E-6	-0.22463	1.2516E-6
4	Plot C Basement 13.4	222.00000	-90.00000	13.40000	0.30821	12.624	-43.435E-6	-0.21305	1.1871E-6
4	Plot C Basement 13.4	226.00000	-90.00000	13.40000	0.29617	12.624	-39.985E-6	-0.20196	1.1253E-6
4	Plot C Basement 13.4	230.00000	-90.00000	13.40000	0.28429	12.624	-36.820E-6	-0.19138	1.0664E-6
4	Plot C Basement 13.4	234.00000	-90.00000	13.40000	0.27264	12.624	-33.917E-6	-0.18131	1.0104E-6
4	Plot C Basement 13.4	238.00000	-90.00000	13.40000	0.26125	12.624	-31.257E-6	-0.17175	957.12E-9
4	Plot C Basement 13.4	242.00000	-90.00000	13.40000	0.25015	12.624	-28.821E-6	-0.16270	906.66E-9
4	Plot C Basement 13.4	246.00000	-90.00000	13.40000	0.23938	12.624	-26.588E-6	-0.15412	858.92E-9
4	Plot C Basement 13.4	250.00000	-90.00000	13.40000	0.22896	12.624	-24.544E-6	-0.14602	813.80E-9
4	Plot C Basement 13.4	-30.00000	-86.03774	13.40000	0.13763	12.624	-85.080E-6	-0.12930	718.49E-9
4	Plot C Basement 13.4	-26.00000	-86.03774	13.40000	0.14389	12.624	-92.417E-6	-0.13605	755.88E-9
4	Plot C Basement 13.4	-22.00000	-86.03774	13.40000	0.15045	12.624	-100.34E-6	-0.14316	795.27E-9
4	Plot C Basement 13.4	-18.00000	-86.03774	13.40000	0.15731	12.624	-108.86E-6	-0.15064	836.72E-9
4	Plot C Basement 13.4	-14.00000	-86.03774	13.40000	0.16450	12.624	-118.02E-6	-0.15851	880.31E-9
4	Plot C Basement 13.4	-10.00000	-86.03774	13.40000	0.17201	12.624	-127.83E-6	-0.16677	926.06E-9
4	Plot C Basement 13.4	-6.00000	-86.03774	13.40000	0.17985	12.624	-138.21E-6	-0.17543	974.03E-9
4	Plot C Basement 13.4	-2.00000	-86.03774	13.40000	0.18803	12.624	-149.42E-6	-0.18450	1.0242E-6
4	Plot C Basement 13.4	2.00000	-86.03774	13.40000	0.19655	12.624	-161.19E-6	-0.19397	1.0767E-6
4	Plot C Basement 13.4	6.00000	-86.03774	13.40000	0.20542	12.624	-173.58E-6	-0.20384	1.1314E-6
4	Plot C Basement 13.4	10.00000	-86.03774	13.40000	0.21464	12.624	-186.57E-6	-0.21411	1.1882E-6
4	Plot C Basement 13.4	14.00000	-86.03774	13.40000	0.22420	12.624	-200.09E-6	-0.22477	1.2462E-6
4	Plot C Basement 13.4	18.00000	-86.03774	13.40000	0.23411	12.624	-214.07E-6	-0.23579	1.3082E-6
4	Plot C Basement 13.4	22.00000	-86.03774	13.40000	0.24436	12.624	-228.43E-6	-0.24716	1.3712E-6
4	Plot C Basement 13.4	26.00000	-86.03774	13.40000	0.25494	12.624	-243.05E-6	-0.25884	1.4359E-6
4	Plot C Basement 13.4	30.00000	-86.03774	13.40000	0.26584	12.624	-257.81E-6	-0.27082	1.5022E-6
4	Plot C Basement 13.4	34.00000	-86.03774	13.40000	0.27704	12.624	-272.55E-6	-0.28303	1.5694E-6
4	Plot C Basement 13.4	38.00000	-86.03774	13.40000	0.28853	12.624	-287.10E-6	-0.29544	1.6386E-6
4	Plot C Basement 13.4	42.00000	-86.03774	13.40000	0.30027	12.624	-301.28E-6	-0.30800	1.7081E-6
4	Plot C Basement 13.4	46.00000	-86.03774	13.40000	0.31225	12.624	-314.89E-6	-0.32064	1.7782E-6
4	Plot C Basement 13.4	50.00000	-86.03774	13.40000	0.32442	12.624	-327.73E-6	-0.33331	1.8485E-6
4	Plot C Basement 13.4	54.00000	-86.03774	13.40000	0.33675	12.624	-339.59E-6	-0.34594	1.9185E-6
4	Plot C Basement 13.4	58.00000	-86.03774	13.40000	0.34920	12.624	-350.27E-6	-0.35845	1.9880E-6
4	Plot C Basement 13.4	62.00000	-86.03774	13.40000	0.36171	12.624	-359.58E-6	-0.37078	2.0564E-6
4	Plot C Basement 13.4	66.00000	-86.03774	13.40000	0.37423	12.624	-367.34E-6	-0.38286	2.1235E-6
4	Plot C Basement 13.4	70.00000	-86.03774	13.40000	0.38670	12.624	-373.39E-6	-0.39461	2.1889E-6
4	Plot C Basement 13.4	74.00000	-86.03774	13.40000	0.39925	12.624	-377.61E-6	-0.40596	2.2521E-6
4	Plot C Basement 13.4								



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	-22.00000	-82.07547	13.40000	0.15581	12.624	-111.01E-6	-0.15048	835.79E-9
4	Plot C Basement 13.4	-18.00000	-82.07547	13.40000	0.16308	12.624	-120.86E-6	-0.15863	880.38E-9
4	Plot C Basement 13.4	-14.00000	-82.07547	13.40000	0.17070	12.624	-131.49E-6	-0.16721	928.42E-9
4	Plot C Basement 13.4	-10.00000	-82.07547	13.40000	0.17867	12.624	-142.92E-6	-0.17625	978.47E-9
4	Plot C Basement 13.4	-6.00000	-82.07547	13.40000	0.18702	12.624	-155.18E-6	-0.18576	1.0311E-6
4	Plot C Basement 13.4	-2.00000	-82.07547	13.40000	0.19573	12.624	-168.27E-6	-0.19574	1.0863E-6
4	Plot C Basement 13.4	2.00000	-82.07547	13.40000	0.20482	12.624	-182.20E-6	-0.20619	1.1442E-6
4	Plot C Basement 13.4	6.00000	-82.07547	13.40000	0.21430	12.624	-196.94E-6	-0.21713	1.2047E-6
4	Plot C Basement 13.4	10.00000	-82.07547	13.40000	0.22416	12.624	-212.47E-6	-0.22853	1.2678E-6
4	Plot C Basement 13.4	14.00000	-82.07547	13.40000	0.23441	12.624	-228.71E-6	-0.24040	1.3335E-6
4	Plot C Basement 13.4	18.00000	-82.07547	13.40000	0.24505	12.624	-245.60E-6	-0.25272	1.4016E-6
4	Plot C Basement 13.4	22.00000	-82.07547	13.40000	0.25606	12.624	-263.02E-6	-0.26546	1.4721E-6
4	Plot C Basement 13.4	26.00000	-82.07547	13.40000	0.26745	12.624	-280.85E-6	-0.27859	1.5448E-6
4	Plot C Basement 13.4	30.00000	-82.07547	13.40000	0.27919	12.624	-298.92E-6	-0.29208	1.6194E-6
4	Plot C Basement 13.4	34.00000	-82.07547	13.40000	0.29128	12.624	-317.06E-6	-0.30588	1.6958E-6
4	Plot C Basement 13.4	38.00000	-82.07547	13.40000	0.30368	12.624	-335.04E-6	-0.31994	1.7736E-6
4	Plot C Basement 13.4	42.00000	-82.07547	13.40000	0.31639	12.624	-352.65E-6	-0.33420	1.8526E-6
4	Plot C Basement 13.4	46.00000	-82.07547	13.40000	0.32935	12.624	-369.61E-6	-0.34860	1.9323E-6
4	Plot C Basement 13.4	50.00000	-82.07547	13.40000	0.34255	12.624	-385.68E-6	-0.36305	2.0124E-6
4	Plot C Basement 13.4	54.00000	-82.07547	13.40000	0.35593	12.624	-400.58E-6	-0.37748	2.0924E-6
4	Plot C Basement 13.4	58.00000	-82.07547	13.40000	0.36945	12.624	-414.05E-6	-0.39182	2.1720E-6
4	Plot C Basement 13.4	62.00000	-82.07547	13.40000	0.38305	12.624	-425.82E-6	-0.40597	2.2505E-6
4	Plot C Basement 13.4	66.00000	-82.07547	13.40000	0.39667	12.624	-435.67E-6	-0.41985	2.3276E-6
4	Plot C Basement 13.4	70.00000	-82.07547	13.40000	0.41024	12.624	-443.38E-6	-0.43337	2.4028E-6
4	Plot C Basement 13.4	74.00000	-82.07547	13.40000	0.42368	12.624	-448.79E-6	-0.44646	2.4757E-6
4	Plot C Basement 13.4	78.00000	-82.07547	13.40000	0.43692	12.624	-451.78E-6	-0.45904	2.5457E-6
4	Plot C Basement 13.4	82.00000	-82.07547	13.40000	0.44986	12.624	-452.28E-6	-0.47104	2.6126E-6
4	Plot C Basement 13.4	86.00000	-82.07547	13.40000	0.46241	12.624	-450.28E-6	-0.48238	2.6760E-6
4	Plot C Basement 13.4	90.00000	-82.07547	13.40000	0.47447	12.624	-445.82E-6	-0.49301	2.7354E-6
4	Plot C Basement 13.4	94.00000	-82.07547	13.40000	0.48623	12.624	-439.02E-6	-0.50286	2.7906E-6
4	Plot C Basement 13.4	98.00000	-82.07547	13.40000	0.49670	12.624	-430.03E-6	-0.51190	2.8413E-6
4	Plot C Basement 13.4	102.00000	-82.07547	13.40000	0.50667	12.624	-419.06E-6	-0.52006	2.8872E-6
4	Plot C Basement 13.4	106.00000	-82.07547	13.40000	0.51573	12.624	-406.36E-6	-0.52730	2.9280E-6
4	Plot C Basement 13.4	110.00000	-82.07547	13.40000	0.52379	12.624	-392.20E-6	-0.53357	2.9635E-6
4	Plot C Basement 13.4	114.00000	-82.07547	13.40000	0.53066	12.624	-376.86E-6	-0.53882	2.9933E-6
4	Plot C Basement 13.4	118.00000	-82.07547	13.40000	0.53656	12.624	-360.64E-6	-0.54298	3.0170E-6
4	Plot C Basement 13.4	122.00000	-82.07547	13.40000	0.54114	12.624	-343.81E-6	-0.54600	3.0345E-6
4	Plot C Basement 13.4	126.00000	-82.07547	13.40000	0.54444	12.624	-326.64E-6	-0.54780	3.0451E-6
4	Plot C Basement 13.4	130.00000	-82.07547	13.40000	0.54644	12.624	-309.34E-6	-0.54831	3.0485E-6
4	Plot C Basement 13.4	134.00000	-82.07547	13.40000	0.54715	12.624	-292.13E-6	-0.54744	3.0442E-6
4	Plot C Basement 13.4	138.00000	-82.07547	13.40000	0.54658	12.624	-275.18E-6	-0.54510	3.0317E-6
4	Plot C Basement 13.4	142.00000	-82.07547	13.40000	0.54479	12.624	-258.56E-6	-0.54122	3.0107E-6
4	Plot C Basement 13.4	146.00000	-82.07547	13.40000	0.54182	12.624	-242.41E-6	-0.53573	2.9806E-6
4	Plot C Basement 13.4	150.00000	-82.07547	13.40000	0.53778	12.624	-226.80E-6	-0.52859	2.9412E-6
4	Plot C Basement 13.4	154.00000	-82.07547	13.40000	0.53273	12.624	-211.75E-6	-0.51976	2.8925E-6
4	Plot C Basement 13.4	158.00000	-82.07547	13.40000	0.52675	12.624	-197.30E-6	-0.50926	2.8344E-6
4	Plot C Basement 13.4	162.00000	-82.07547	13.40000	0.51994	12.624	-183.44E-6	-0.49716	2.7674E-6
4	Plot C Basement 13.4	166.00000	-82.07547	13.40000	0.51234	12.624	-170.21E-6	-0.48355	2.6919E-6
4	Plot C Basement 13.4	170.00000	-82.07547	13.40000	0.50399	12.624	-157.59E-6	-0.46858	2.6088E-6
4	Plot C Basement 13.4	174.00000	-82.07547	13.40000	0.49493	12.624	-145.61E-6	-0.45249	2.5191E-6
4	Plot C Basement 13.4	178.00000	-82.07547	13.40000	0.48518	12.624	-134.27E-6	-0.43534	2.4241E-6
4	Plot C Basement 13.4	182.00000	-82.07547	13.40000	0.47473	12.624	-123.58E-6	-0.41753	2.3251E-6
4	Plot C Basement 13.4	186.00000	-82.07547	13.40000	0.46363	12.624	-113.55E-6	-0.39924	2.2234E-6
4	Plot C Basement 13.4	190.00000	-82.07547	13.40000	0.45188	12.624	-104.17E-6	-0.38071	2.1204E-6
4	Plot C Basement 13.4	194.00000	-82.07547	13.40000	0.43954	12.624	-95.45E-6	-0.36216	2.0172E-6
4	Plot C Basement 13.4	198.00000	-82.07547	13.40000	0.42666	12.624	-87.38E-6	-0.34379	1.9150E-6
4	Plot C Basement 13.4	202.00000	-82.07547	13.40000	0.41333	12.624	-79.93E-6	-0.32577	1.8147E-6
4	Plot C Basement 13.4	206.00000	-82.07547	13.40000	0.39962	12.624	-73.08E-6	-0.30823	1.7171E-6
4	Plot C Basement 13.4	210.00000	-82.07547	13.40000	0.38565	12.624	-66.80E-6	-0.29129	1.6228E-6
4	Plot C Basement 13.4	214.00000	-82.07547	13.40000	0.37150	12.624	-61.06E-6	-0.27502	1.5212E-6
4	Plot C Basement 13.4	218.00000	-82.07547	13.40000	0.35728	12.624	-55.82E-6	-0.25947	1.4456E-6
4	Plot C Basement 13.4	222.00000	-82.07547	13.40000	0.34309	12.624	-51.05E-6	-0.24468	1.3633E-6
4	Plot C Basement 13.4	226.00000	-82.07547	13.40000	0.32902	12.624	-46.70E-6	-0.23066	1.2852E-6
4	Plot C Basement 13.4	230.00000	-82.07547	13.40000	0.31514	12.624	-42.75E-6	-0.21740	1.2114E-6
4	Plot C Basement 13.4	234.00000	-82.07547	13.40000	0.30153	12.624	-39.16E-6	-0.20491	1.1418E-6
4	Plot C Basement 13.4	238.00000	-82.07547	13.40000	0.28825	12.624	-35.89E-6	-0.19315	1.0763E-6
4	Plot C Basement 13.4	242.00000	-82.07547	13.40000	0.27534	12.624	-32.92E-6	-0.18210	1.0148E-6
4	Plot C Basement 13.4	246.00000	-82.07547	13.40000	0.26284	12.624	-30.22E-6	-0.17174	957.06E-9
4	Plot C Basement 13.4	250.00000	-82.07547	13.40000	0.25077	12.624	-27.77E-6	-0.16202	902.91E-9
4	Plot C Basement 13.4	-30.00000	-78.11321	13.40000	0.14698	12.624	-102.84E-6	-0.14193	788.35E-9
4	Plot C Basement 13.4	-26.00000	-78.11321	13.40000	0.15396	12.624	-112.46E-6	-0.14984	832.13E-9
4	Plot C Basement 13.4	-22.00000	-78.11321	13.40000	0.16129	12.624	-122.93E-6	-0.15821	878.49E-9
4	Plot C Basement 13.4	-18.00000	-78.11321	13.40000	0.16899	12.624	-134.31E-6	-0.16708	927.57E-9
4	Plot C Basement 13.4	-14.00000	-78.11321	13.40000	0.17707	12.624	-146.66E-6	-0.17645	979.45E-9
4	Plot C Basement 13.4	-10.00000	-78.11321	13.40000	0.18533	12.624	-160.01E-6	-0.18635	1.0428E-6
4	Plot C Basement 13.4	-6.00000	-78.11321	13.40000	0.19440	12.624	-174.41E-6	-0.19679	1.0920E-6
4	Plot C Basement 13.4	-2.00000	-78.11321	13.40000	0.20368	12.624	-189.86E-6	-0.20779	1.1528E-6
4	Plot C Basement 13.4	2.00000	-78.11321	13.40000	0.21337	12.624	-206.39E-6	-0.21935	1.2168E-6
4	Plot C Basement 13.4	6.00000	-78.11321	13.40000	0.22349	12.624	-223.98E-6	-0.23147	1.2838E-6
4	Plot C Basement 13.4	10.00000	-78.11321	13.40000	0.23403	12.624	-242.63E-6	-0.24416	1.3540E-6
4	Plot C Basement 13.4	14.00000	-78.11321	13.40000	0.24501	12.624	-262.19E-6	-0.25741	1.4272E-6
4	Plot C Basement 13.4	18.00000	-78.11321	13.40000	0.25641	12.624	-282.66E-6	-0.27119	1.5034E-6
4	Plot C Basement 13.4	22.00000	-78.11321	13.40000	0.26823	12.624	-303.90E-6	-0.28550	1.5825E-6
4	Plot C Basement 13.4	26.00000	-78.11321	13.40000	0.28047	12.624	-325.74E-6	-0.30029	1.6643E-6
4	Plot C Basement 13.4	30.00000	-78.11321	13.40000	0.29310	12.624	-348.00E-6	-0.31553	1.7486E-6
4	Plot C Basement 13.4	34.00000	-78.11321	13.40000	0.30613	12.624	-370.45E-6	-0.33117	1.8351E-6
4	Plot C Basement 13.4	38.00000	-78.11321	13.40000	0.31951	12.624	-392.82E-6	-0.34715	1.9235E-6
4	Plot C Basement 13.4	42.00000	-78.11321	13.40000	0.33323	12.624	-414.81E-6	-0.36340	2.0134E-6
4	Plot C Basement 13.4	46.00000	-78.11321	13.40000	0.34725	12.624	-436.11E-6	-0.37984	2.1044E-6
4	Plot C Basement 13.4	50.00000	-78.11321	13.40000	0.36152	12.624	-456.36E-6	-0.39638	2.1960E-6
4	Plot C Basement 13.4	54.00000	-78.11321	13.40000	0.37602	12.624	-475.22E-6	-0.41294	2.2878E-6
4	Plot C Basement 13.4	58.00000	-78.11321	13.40000	0.39067	12.624	-492.33E-6	-0.42942	2.3791E-6
4	Plot C Basement 13.4	62.00000	-78.11321	13.40000	0.40541	12.624	-507.34E-6	-0.44572	2.4695E-6
4	Plot C Basement 13.4	66.00000	-78.11321	13.40000	0.42019	12.624	-519.95E-6	-0.46173	2.5584E-6
4	Plot C Basement 13.4	70.00000	-78.11321	13.40000	0.43491	12.624	-529.88E-6	-0.47736	2.6453E-6
4	Plot C Basement 13.4	74.00000	-7						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	-26.00000	-74.15094	13.40000	0.15915	12.624	-124.162E-6	-0.15726	873.14E-9
4	Plot C Basement 13.4	-22.00000	-74.15094	13.40000	0.16690	12.624	-136.222E-6	-0.16635	923.46E-9
4	Plot C Basement 13.4	-18.00000	-74.15094	13.40000	0.17504	12.624	-149.40E-6	-0.17601	976.89E-9
4	Plot C Basement 13.4	-14.00000	-74.15094	13.40000	0.18359	12.624	-163.77E-6	-0.18625	1.0335E-6
4	Plot C Basement 13.4	-10.00000	-74.15094	13.40000	0.19257	12.624	-179.39E-6	-0.19710	1.0935E-6
4	Plot C Basement 13.4	-6.00000	-74.15094	13.40000	0.20199	12.624	-196.39E-6	-0.20858	1.1570E-6
4	Plot C Basement 13.4	-2.00000	-74.15094	13.40000	0.21185	12.624	-214.61E-6	-0.22071	1.2241E-6
4	Plot C Basement 13.4	2.00000	-74.15094	13.40000	0.22218	12.624	-234.28E-6	-0.23350	1.2948E-6
4	Plot C Basement 13.4	6.00000	-74.15094	13.40000	0.23297	12.624	-255.33E-6	-0.24697	1.3692E-6
4	Plot C Basement 13.4	10.00000	-74.15094	13.40000	0.24423	12.624	-277.74E-6	-0.26111	1.4473E-6
4	Plot C Basement 13.4	14.00000	-74.15094	13.40000	0.25596	12.624	-301.46E-6	-0.27591	1.5201E-6
4	Plot C Basement 13.4	18.00000	-74.15094	13.40000	0.26817	12.624	-326.39E-6	-0.29138	1.6146E-6
4	Plot C Basement 13.4	22.00000	-74.15094	13.40000	0.28085	12.624	-352.40E-6	-0.30748	1.7036E-6
4	Plot C Basement 13.4	26.00000	-74.15094	13.40000	0.29398	12.624	-379.31E-6	-0.32419	1.7959E-6
4	Plot C Basement 13.4	30.00000	-74.15094	13.40000	0.30756	12.624	-406.87E-6	-0.34146	1.8913E-6
4	Plot C Basement 13.4	34.00000	-74.15094	13.40000	0.32157	12.624	-434.82E-6	-0.35923	1.9885E-6
4	Plot C Basement 13.4	38.00000	-74.15094	13.40000	0.33598	12.624	-462.82E-6	-0.37745	2.0902E-6
4	Plot C Basement 13.4	42.00000	-74.15094	13.40000	0.35076	12.624	-490.49E-6	-0.39602	2.1928E-6
4	Plot C Basement 13.4	46.00000	-74.15094	13.40000	0.36589	12.624	-517.41E-6	-0.41486	2.2971E-6
4	Plot C Basement 13.4	50.00000	-74.15094	13.40000	0.38130	12.624	-543.13E-6	-0.43387	2.4023E-6
4	Plot C Basement 13.4	54.00000	-74.15094	13.40000	0.39695	12.624	-567.19E-6	-0.45295	2.5095E-6
4	Plot C Basement 13.4	58.00000	-74.15094	13.40000	0.41278	12.624	-589.12E-6	-0.47196	2.6132E-6
4	Plot C Basement 13.4	62.00000	-74.15094	13.40000	0.42873	12.624	-608.45E-6	-0.49081	2.7177E-6
4	Plot C Basement 13.4	66.00000	-74.15094	13.40000	0.44470	12.624	-624.76E-6	-0.50936	2.8206E-6
4	Plot C Basement 13.4	70.00000	-74.15094	13.40000	0.46060	12.624	-637.65E-6	-0.52750	2.9214E-6
4	Plot C Basement 13.4	74.00000	-74.15094	13.40000	0.47643	12.624	-646.81E-6	-0.54511	3.0193E-6
4	Plot C Basement 13.4	78.00000	-74.15094	13.40000	0.49183	12.624	-652.00E-6	-0.56209	3.1139E-6
4	Plot C Basement 13.4	82.00000	-74.15094	13.40000	0.50692	12.624	-653.08E-6	-0.57834	3.2045E-6
4	Plot C Basement 13.4	86.00000	-74.15094	13.40000	0.52149	12.624	-650.01E-6	-0.59378	3.2920E-6
4	Plot C Basement 13.4	90.00000	-74.15094	13.40000	0.53544	12.624	-642.86E-6	-0.60833	3.3721E-6
4	Plot C Basement 13.4	94.00000	-74.15094	13.40000	0.54853	12.624	-631.84E-6	-0.62192	3.4483E-6
4	Plot C Basement 13.4	98.00000	-74.15094	13.40000	0.56071	12.624	-617.22E-6	-0.63451	3.5190E-6
4	Plot C Basement 13.4	102.00000	-74.15094	13.40000	0.57182	12.624	-599.41E-6	-0.64604	3.5840E-6
4	Plot C Basement 13.4	106.00000	-74.15094	13.40000	0.58170	12.624	-578.85E-6	-0.65646	3.6428E-6
4	Plot C Basement 13.4	110.00000	-74.15094	13.40000	0.59023	12.624	-556.07E-6	-0.66572	3.6932E-6
4	Plot C Basement 13.4	114.00000	-74.15094	13.40000	0.59750	12.624	-531.59E-6	-0.67376	3.7409E-6
4	Plot C Basement 13.4	118.00000	-74.15094	13.40000	0.60280	12.624	-505.94E-6	-0.68050	3.7793E-6
4	Plot C Basement 13.4	122.00000	-74.15094	13.40000	0.60667	12.624	-479.61E-6	-0.68585	3.8101E-6
4	Plot C Basement 13.4	126.00000	-74.15094	13.40000	0.60887	12.624	-453.07E-6	-0.68969	3.8324E-6
4	Plot C Basement 13.4	130.00000	-74.15094	13.40000	0.60941	12.624	-426.69E-6	-0.69189	3.8456E-6
4	Plot C Basement 13.4	134.00000	-74.15094	13.40000	0.60834	12.624	-400.78E-6	-0.69223	3.8486E-6
4	Plot C Basement 13.4	138.00000	-74.15094	13.40000	0.60576	12.624	-375.58E-6	-0.69071	3.8407E-6
4	Plot C Basement 13.4	142.00000	-74.15094	13.40000	0.60182	12.624	-351.23E-6	-0.68696	3.8206E-6
4	Plot C Basement 13.4	146.00000	-74.15094	13.40000	0.59669	12.624	-327.83E-6	-0.68088	3.7875E-6
4	Plot C Basement 13.4	150.00000	-74.15094	13.40000	0.59058	12.624	-305.41E-6	-0.67232	3.7404E-6
4	Plot C Basement 13.4	154.00000	-74.15094	13.40000	0.58371	12.624	-283.96E-6	-0.66135	3.6788E-6
4	Plot C Basement 13.4	158.00000	-74.15094	13.40000	0.57625	12.624	-263.44E-6	-0.64735	3.6025E-6
4	Plot C Basement 13.4	162.00000	-74.15094	13.40000	0.56836	12.624	-243.83E-6	-0.63095	3.5117E-6
4	Plot C Basement 13.4	166.00000	-74.15094	13.40000	0.56010	12.624	-225.08E-6	-0.61211	3.4072E-6
4	Plot C Basement 13.4	170.00000	-74.15094	13.40000	0.55144	12.624	-207.21E-6	-0.59106	3.2904E-6
4	Plot C Basement 13.4	174.00000	-74.15094	13.40000	0.54244	12.624	-190.22E-6	-0.56814	3.1631E-6
4	Plot C Basement 13.4	178.00000	-74.15094	13.40000	0.53289	12.624	-174.14E-6	-0.54373	3.0275E-6
4	Plot C Basement 13.4	182.00000	-74.15094	13.40000	0.52269	12.624	-159.01E-6	-0.51829	2.8860E-6
4	Plot C Basement 13.4	186.00000	-74.15094	13.40000	0.51174	12.624	-144.86E-6	-0.49224	2.7412E-6
4	Plot C Basement 13.4	190.00000	-74.15094	13.40000	0.49956	12.624	-131.72E-6	-0.46601	2.5933E-6
4	Plot C Basement 13.4	194.00000	-74.15094	13.40000	0.48730	12.624	-119.59E-6	-0.43997	2.4505E-6
4	Plot C Basement 13.4	198.00000	-74.15094	13.40000	0.47378	12.624	-108.46E-6	-0.41445	2.3084E-6
4	Plot C Basement 13.4	202.00000	-74.15094	13.40000	0.45948	12.624	-98.29E-6	-0.38968	2.1706E-6
4	Plot C Basement 13.4	206.00000	-74.15094	13.40000	0.44450	12.624	-89.06E-6	-0.36588	2.0382E-6
4	Plot C Basement 13.4	210.00000	-74.15094	13.40000	0.42897	12.624	-80.701E-6	-0.34317	1.9117E-6
4	Plot C Basement 13.4	214.00000	-74.15094	13.40000	0.41305	12.624	-73.14E-6	-0.32163	1.7918E-6
4	Plot C Basement 13.4	218.00000	-74.15094	13.40000	0.39689	12.624	-66.335E-6	-0.30132	1.6787E-6
4	Plot C Basement 13.4	222.00000	-74.15094	13.40000	0.38064	12.624	-60.201E-6	-0.28222	1.5724E-6
4	Plot C Basement 13.4	226.00000	-74.15094	13.40000	0.36445	12.624	-54.682E-6	-0.26433	1.4728E-6
4	Plot C Basement 13.4	230.00000	-74.15094	13.40000	0.34844	12.624	-49.716E-6	-0.24762	1.3797E-6
4	Plot C Basement 13.4	234.00000	-74.15094	13.40000	0.33271	12.624	-45.249E-6	-0.23203	1.2929E-6
4	Plot C Basement 13.4	238.00000	-74.15094	13.40000	0.31735	12.624	-41.228E-6	-0.21752	1.2121E-6
4	Plot C Basement 13.4	242.00000	-74.15094	13.40000	0.30243	12.624	-37.606E-6	-0.20401	1.1368E-6
4	Plot C Basement 13.4	246.00000	-74.15094	13.40000	0.28800	12.624	-34.342E-6	-0.19145	1.0669E-6
4	Plot C Basement 13.4	250.00000	-74.15094	13.40000	0.27411	12.624	-31.398E-6	-0.17977	1.0018E-6
4	Plot C Basement 13.4	30.00000	-70.18868	13.40000	0.15668	12.624	-124.52E-6	-0.15578	864.86E-9
4	Plot C Basement 13.4	-26.00000	-70.18868	13.40000	0.16444	12.624	-137.15E-6	-0.16504	916.14E-9
4	Plot C Basement 13.4	-22.00000	-70.18868	13.40000	0.17261	12.624	-151.05E-6	-0.17492	970.77E-9
4	Plot C Basement 13.4	-18.00000	-70.18868	13.40000	0.18121	12.624	-166.32E-6	-0.18544	1.0289E-6
4	Plot C Basement 13.4	-14.00000	-70.18868	13.40000	0.19026	12.624	-183.07E-6	-0.19663	1.0902E-6
4	Plot C Basement 13.4	-10.00000	-70.18868	13.40000	0.19977	12.624	-201.38E-6	-0.20853	1.1566E-6
4	Plot C Basement 13.4	-6.00000	-70.18868	13.40000	0.20977	12.624	-221.34E-6	-0.22117	1.2264E-6
4	Plot C Basement 13.4	-2.00000	-70.18868	13.40000	0.22025	12.624	-243.03E-6	-0.23456	1.3004E-6
4	Plot C Basement 13.4	2.00000	-70.18868	13.40000	0.23123	12.624	-266.50E-6	-0.24874	1.3787E-6
4	Plot C Basement 13.4	6.00000	-70.18868	13.40000	0.24272	12.624	-291.77E-6	-0.26377	1.4614E-6
4	Plot C Basement 13.4	10.00000	-70.18868	13.40000	0.25474	12.624	-318.84E-6	-0.27949	1.5485E-6
4	Plot C Basement 13.4	14.00000	-70.18868	13.40000	0.26727	12.624	-347.67E-6	-0.29608	1.6401E-6
4	Plot C Basement 13.4	18.00000	-70.18868	13.40000	0.28032	12.624	-378.17E-6	-0.31347	1.7361E-6
4	Plot C Basement 13.4	22.00000	-70.18868	13.40000	0.29388	12.624	-410.18E-6	-0.33164	1.8364E-6
4	Plot C Basement 13.4	26.00000	-70.18868	13.40000	0.30796	12.624	-443.50E-6	-0.35056	1.9408E-6
4	Plot C Basement 13.4	30.00000	-70.18868	13.40000	0.32252	12.624	-477.84E-6	-0.37018	2.0491E-6
4	Plot C Basement 13.4	34.00000	-70.18868	13.40000	0.33756	12.624	-512.86E-6	-0.39044	2.1610E-6
4	Plot C Basement 13.4	38.00000	-70.18868	13.40000	0.35304	12.624	-548.14E-6	-0.41128	2.2760E-6
4	Plot C Basement 13.4	42.00000	-70.18868	13.40000	0.36893	12.624	-583.20E-6	-0.43258	2.3937E-6
4	Plot C Basement 13.4	46.00000	-70.18868	13.40000	0.38520	12.624	-617.50E-6	-0.45427	2.5135E-6
4	Plot C Basement 13.4	50.00000	-70.18868	13.40000	0.40179	12.624	-650.44E-6	-0.47620	2.6348E-6
4	Plot C Basement 13.4	54.00000	-70.18868	13.40000	0.41864	12.624	-681.40E-6	-0.49826	2.7568E-6
4	Plot C Basement 13.4	58.00000	-70.18868	13.40000	0.43569	12.624	-709.76E-6	-0.52030	2.8788E-6
4	Plot C Basement 13.4	62.00000	-70.18868	13.40000	0.45284	12.624	-734.89E-6	-0.54219	3.0001E-6
4	Plot C Basement 13.4	66.00000	-70.18868	13.40000	0.47003	12.624	-756.19E-6	-0.56377	3.1193E-6
4	Plot C Basement 13.4								



RSK ENVIRONMENT LIMITED

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ugly Brown Building
Drained
Plot B & C - Excavation

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	
4	Plot C Basement 13.4	-30.00000	-66.22642	13.40000	0.16164	12.624	-137.06E-6	-0.16317	905.66E-9
4	Plot C Basement 13.4	-26.00000	-66.22642	13.40000	0.16981	12.624	-151.55E-6	-0.17320	961.16E-9
4	Plot C Basement 13.4	-22.00000	-66.22642	13.40000	0.17842	12.624	-167.58E-6	-0.18393	1.0205E-6
4	Plot C Basement 13.4	-18.00000	-66.22642	13.40000	0.18750	12.624	-185.30E-6	-0.19539	1.0838E-6
4	Plot C Basement 13.4	-14.00000	-66.22642	13.40000	0.19706	12.624	-204.84E-6	-0.20763	1.1515E-6
4	Plot C Basement 13.4	-10.00000	-66.22642	13.40000	0.20713	12.624	-226.33E-6	-0.22069	1.2236E-6
4	Plot C Basement 13.4	-6.00000	-66.22642	13.40000	0.21772	12.624	-249.91E-6	-0.23460	1.3004E-6
4	Plot C Basement 13.4	-2.00000	-66.22642	13.40000	0.22884	12.624	-275.70E-6	-0.24941	1.3821E-6
4	Plot C Basement 13.4	2.00000	-66.22642	13.40000	0.24051	12.624	-303.77E-6	-0.26514	1.4689E-6
4	Plot C Basement 13.4	6.00000	-66.22642	13.40000	0.25274	12.624	-334.21E-6	-0.28181	1.5609E-6
4	Plot C Basement 13.4	10.00000	-66.22642	13.40000	0.26555	12.624	-367.08E-6	-0.29945	1.6583E-6
4	Plot C Basement 13.4	14.00000	-66.22642	13.40000	0.27889	12.624	-402.23E-6	-0.31807	1.7610E-6
4	Plot C Basement 13.4	18.00000	-66.22642	13.40000	0.29281	12.624	-439.71E-6	-0.33767	1.8690E-6
4	Plot C Basement 13.4	22.00000	-66.22642	13.40000	0.30731	12.624	-479.31E-6	-0.35822	1.9824E-6
4	Plot C Basement 13.4	26.00000	-66.22642	13.40000	0.32235	12.624	-520.80E-6	-0.37970	2.1008E-6
4	Plot C Basement 13.4	30.00000	-66.22642	13.40000	0.33793	12.624	-563.84E-6	-0.40207	2.2241E-6
4	Plot C Basement 13.4	34.00000	-66.22642	13.40000	0.35403	12.624	-608.01E-6	-0.42525	2.3520E-6
4	Plot C Basement 13.4	38.00000	-66.22642	13.40000	0.37062	12.624	-652.79E-6	-0.44917	2.4839E-6
4	Plot C Basement 13.4	42.00000	-66.22642	13.40000	0.38765	12.624	-697.56E-6	-0.47371	2.6193E-6
4	Plot C Basement 13.4	46.00000	-66.22642	13.40000	0.40509	12.624	-741.60E-6	-0.49876	2.7576E-6
4	Plot C Basement 13.4	50.00000	-66.22642	13.40000	0.42287	12.624	-784.15E-6	-0.52418	2.8990E-6
4	Plot C Basement 13.4	54.00000	-66.22642	13.40000	0.44093	12.624	-824.37E-6	-0.54981	3.0396E-6
4	Plot C Basement 13.4	58.00000	-66.22642	13.40000	0.45919	12.624	-861.41E-6	-0.57548	3.1816E-6
4	Plot C Basement 13.4	62.00000	-66.22642	13.40000	0.47756	12.624	-894.41E-6	-0.60102	3.3229E-6
4	Plot C Basement 13.4	66.00000	-66.22642	13.40000	0.49593	12.624	-922.55E-6	-0.62625	3.4628E-6
4	Plot C Basement 13.4	70.00000	-66.22642	13.40000	0.51418	12.624	-945.09E-6	-0.65100	3.6001E-6
4	Plot C Basement 13.4	74.00000	-66.22642	13.40000	0.53217	12.624	-961.37E-6	-0.67511	3.7340E-6
4	Plot C Basement 13.4	78.00000	-66.22642	13.40000	0.54975	12.624	-970.92E-6	-0.69842	3.8637E-6
4	Plot C Basement 13.4	82.00000	-66.22642	13.40000	0.56676	12.624	-973.39E-6	-0.72080	3.9885E-6
4	Plot C Basement 13.4	86.00000	-66.22642	13.40000	0.58340	12.624	-968.68E-6	-0.74215	4.1078E-6
4	Plot C Basement 13.4	90.00000	-66.22642	13.40000	0.59829	12.624	-956.90E-6	-0.76238	4.2210E-6
4	Plot C Basement 13.4	94.00000	-66.22642	13.40000	0.61241	12.624	-938.39E-6	-0.78143	4.3279E-6
4	Plot C Basement 13.4	98.00000	-66.22642	13.40000	0.62517	12.624	-913.72E-6	-0.79925	4.4282E-6
4	Plot C Basement 13.4	102.00000	-66.22642	13.40000	0.63635	12.624	-883.63E-6	-0.81583	4.5217E-6
4	Plot C Basement 13.4	106.00000	-66.22642	13.40000	0.64575	12.624	-849.03E-6	-0.83113	4.6082E-6
4	Plot C Basement 13.4	110.00000	-66.22642	13.40000	0.65149	12.624	-810.98E-6	-0.84512	4.6875E-6
4	Plot C Basement 13.4	114.00000	-66.22642	13.40000	0.65849	12.624	-770.46E-6	-0.85755	4.7593E-6
4	Plot C Basement 13.4	118.00000	-66.22642	13.40000	0.66153	12.624	-728.52E-6	-0.86894	4.8231E-6
4	Plot C Basement 13.4	122.00000	-66.22642	13.40000	0.66224	12.624	-686.10E-6	-0.87856	4.8783E-6
4	Plot C Basement 13.4	126.00000	-66.22642	13.40000	0.66061	12.624	-644.02E-6	-0.88645	4.9237E-6
4	Plot C Basement 13.4	130.00000	-66.22642	13.40000	0.65670	12.624	-602.94E-6	-0.89237	4.9581E-6
4	Plot C Basement 13.4	134.00000	-66.22642	13.40000	0.65068	12.624	-563.35E-6	-0.89602	4.9797E-6
4	Plot C Basement 13.4	138.00000	-66.22642	13.40000	0.64285	12.624	-525.56E-6	-0.89705	4.9867E-6
4	Plot C Basement 13.4	142.00000	-66.22642	13.40000	0.63359	12.624	-489.72E-6	-0.89504	4.9768E-6
4	Plot C Basement 13.4	146.00000	-66.22642	13.40000	0.62341	12.624	-455.81E-6	-0.88957	4.9474E-6
4	Plot C Basement 13.4	150.00000	-66.22642	13.40000	0.61285	12.624	-423.70E-6	-0.88022	4.8963E-6
4	Plot C Basement 13.4	154.00000	-66.22642	13.40000	0.60250	12.624	-393.17E-6	-0.86661	4.8214E-6
4	Plot C Basement 13.4	158.00000	-66.22642	13.40000	0.59284	12.624	-363.96E-6	-0.84851	4.7214E-6
4	Plot C Basement 13.4	162.00000	-66.22642	13.40000	0.58423	12.624	-335.87E-6	-0.82588	4.5961E-6
4	Plot C Basement 13.4	166.00000	-66.22642	13.40000	0.57647	12.624	-308.77E-6	-0.79800	4.4465E-6
4	Plot C Basement 13.4	170.00000	-66.22642	13.40000	0.57034	12.624	-282.63E-6	-0.76800	4.2750E-6
4	Plot C Basement 13.4	174.00000	-66.22642	13.40000	0.56458	12.624	-257.53E-6	-0.73384	4.0852E-6
4	Plot C Basement 13.4	178.00000	-66.22642	13.40000	0.55898	12.624	-233.61E-6	-0.69722	3.8817E-6
4	Plot C Basement 13.4	182.00000	-66.22642	13.40000	0.55299	12.624	-211.07E-6	-0.65904	3.6955E-6
4	Plot C Basement 13.4	186.00000	-66.22642	13.40000	0.54608	12.624	-190.05E-6	-0.62017	3.4533E-6
4	Plot C Basement 13.4	190.00000	-66.22642	13.40000	0.53782	12.624	-170.68E-6	-0.58140	3.2377E-6
4	Plot C Basement 13.4	194.00000	-66.22642	13.40000	0.52797	12.624	-153.00E-6	-0.54341	3.0264E-6
4	Plot C Basement 13.4	198.00000	-66.22642	13.40000	0.51642	12.624	-137.00E-6	-0.50672	2.8222E-6
4	Plot C Basement 13.4	202.00000	-66.22642	13.40000	0.50323	12.624	-122.64E-6	-0.47170	2.6274E-6
4	Plot C Basement 13.4	206.00000	-66.22642	13.40000	0.48954	12.624	-109.80E-6	-0.43860	2.4431E-6
4	Plot C Basement 13.4	210.00000	-66.22642	13.40000	0.47261	12.624	-98.374E-6	-0.40754	2.2702E-6
4	Plot C Basement 13.4	214.00000	-66.22642	13.40000	0.45570	12.624	-88.226E-6	-0.37857	2.1090E-6
4	Plot C Basement 13.4	218.00000	-66.22642	13.40000	0.43809	12.624	-79.225E-6	-0.35167	1.9592E-6
4	Plot C Basement 13.4	222.00000	-66.22642	13.40000	0.42007	12.624	-71.245E-6	-0.32677	1.8206E-6
4	Plot C Basement 13.4	226.00000	-66.22642	13.40000	0.40188	12.624	-64.167E-6	-0.30378	1.6926E-6
4	Plot C Basement 13.4	230.00000	-66.22642	13.40000	0.38373	12.624	-57.886E-6	-0.28259	1.5745E-6
4	Plot C Basement 13.4	234.00000	-66.22642	13.40000	0.36581	12.624	-52.304E-6	-0.26307	1.4658E-6
4	Plot C Basement 13.4	238.00000	-66.22642	13.40000	0.34825	12.624	-47.338E-6	-0.24510	1.3652E-6
4	Plot C Basement 13.4	242.00000	-66.22642	13.40000	0.33118	12.624	-42.913E-6	-0.22857	1.2737E-6
4	Plot C Basement 13.4	246.00000	-66.22642	13.40000	0.31467	12.624	-38.963E-6	-0.21335	1.1892E-6
4	Plot C Basement 13.4	250.00000	-66.22642	13.40000	0.29879	12.624	-35.432E-6	-0.19933	1.1108E-6
4	Plot C Basement 13.4	-30.00000	-62.26415	13.40000	0.16666	12.624	-150.88E-6	-0.17087	948.18E-9
4	Plot C Basement 13.4	-26.00000	-62.26415	13.40000	0.17524	12.624	-167.50E-6	-0.18174	1.0082E-6
4	Plot C Basement 13.4	-22.00000	-62.26415	13.40000	0.18431	12.624	-186.01E-6	-0.19339	1.0726E-6
4	Plot C Basement 13.4	-18.00000	-62.26415	13.40000	0.19388	12.624	-206.57E-6	-0.20589	1.1417E-6
4	Plot C Basement 13.4	-14.00000	-62.26415	13.40000	0.20398	12.624	-229.40E-6	-0.21927	1.2156E-6
4	Plot C Basement 13.4	-10.00000	-62.26415	13.40000	0.21462	12.624	-254.67E-6	-0.23361	1.2947E-6
4	Plot C Basement 13.4	-6.00000	-62.26415	13.40000	0.22582	12.624	-282.57E-6	-0.24894	1.3793E-6
4	Plot C Basement 13.4	-2.00000	-62.26415	13.40000	0.23761	12.624	-313.29E-6	-0.26532	1.4696E-6
4	Plot C Basement 13.4	2.00000	-62.26415	13.40000	0.24999	12.624	-346.97E-6	-0.28279	1.5660E-6
4	Plot C Basement 13.4	6.00000	-62.26415	13.40000	0.26297	12.624	-383.75E-6	-0.30138	1.6685E-6
4	Plot C Basement 13.4	10.00000	-62.26415	13.40000	0.27657	12.624	-423.70E-6	-0.32114	1.7774E-6
4	Plot C Basement 13.4	14.00000	-62.26415	13.40000	0.29078	12.624	-466.84E-6	-0.34208	1.8927E-6
4	Plot C Basement 13.4	18.00000	-62.26415	13.40000	0.30561	12.624	-513.11E-6	-0.36421	2.0146E-6
4	Plot C Basement 13.4	22.00000	-62.26415	13.40000	0.32106	12.624	-562.36E-6	-0.38752	2.1406E-6
4</									



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	250.00000	-62.26415	13.40000	0.31156	12.624	-37.606E-6	-0.20979	1.1691E-6
4	Plot C Basement 13.4	-30.00000	-58.30189	13.40000	0.17171	12.624	-166.08E-6	-0.17889	992.40E-9
4	Plot C Basement 13.4	-26.00000	-58.30189	13.40000	0.18073	12.624	-185.15E-6	-0.19065	1.0574E-6
4	Plot C Basement 13.4	-22.00000	-58.30189	13.40000	0.19026	12.624	-206.51E-6	-0.20331	1.1273E-6
4	Plot C Basement 13.4	-18.00000	-58.30189	13.40000	0.20034	12.624	-230.41E-6	-0.21693	1.2024E-6
4	Plot C Basement 13.4	-14.00000	-58.30189	13.40000	0.21089	12.624	-257.09E-6	-0.23157	1.2833E-6
4	Plot C Basement 13.4	-10.00000	-58.30189	13.40000	0.22222	12.624	-286.84E-6	-0.24732	1.3701E-6
4	Plot C Basement 13.4	-6.00000	-58.30189	13.40000	0.23406	12.624	-319.92E-6	-0.26422	1.4633E-6
4	Plot C Basement 13.4	-2.00000	-58.30189	13.40000	0.24653	12.624	-356.59E-6	-0.28236	1.5632E-6
4	Plot C Basement 13.4	2.00000	-58.30189	13.40000	0.25963	12.624	-397.11E-6	-0.30178	1.6702E-6
4	Plot C Basement 13.4	6.00000	-58.30189	13.40000	0.27339	12.624	-441.69E-6	-0.32255	1.7846E-6
4	Plot C Basement 13.4	10.00000	-58.30189	13.40000	0.28782	12.624	-490.48E-6	-0.34471	1.9066E-6
4	Plot C Basement 13.4	14.00000	-58.30189	13.40000	0.30290	12.624	-543.59E-6	-0.36831	2.0365E-6
4	Plot C Basement 13.4	18.00000	-58.30189	13.40000	0.31866	12.624	-601.00E-6	-0.39336	2.1743E-6
4	Plot C Basement 13.4	22.00000	-58.30189	13.40000	0.33506	12.624	-662.59E-6	-0.41987	2.3201E-6
4	Plot C Basement 13.4	26.00000	-58.30189	13.40000	0.35211	12.624	-728.08E-6	-0.44781	2.4738E-6
4	Plot C Basement 13.4	30.00000	-58.30189	13.40000	0.36978	12.624	-797.04E-6	-0.47716	2.6352E-6
4	Plot C Basement 13.4	34.00000	-58.30189	13.40000	0.38803	12.624	-868.85E-6	-0.50783	2.8039E-6
4	Plot C Basement 13.4	38.00000	-58.30189	13.40000	0.40683	12.624	-942.67E-6	-0.53973	2.9794E-6
4	Plot C Basement 13.4	42.00000	-58.30189	13.40000	0.42613	12.624	-0.0010175	-0.57272	3.1609E-6
4	Plot C Basement 13.4	46.00000	-58.30189	13.40000	0.44586	12.624	-0.0010921	-0.60663	3.3476E-6
4	Plot C Basement 13.4	50.00000	-58.30189	13.40000	0.46595	12.624	-0.0011651	-0.64126	3.5384E-6
4	Plot C Basement 13.4	54.00000	-58.30189	13.40000	0.48631	12.624	-0.0012351	-0.67639	3.7320E-6
4	Plot C Basement 13.4	58.00000	-58.30189	13.40000	0.50682	12.624	-0.0013003	-0.71176	3.9272E-6
4	Plot C Basement 13.4	62.00000	-58.30189	13.40000	0.52737	12.624	-0.0013592	-0.74712	4.1224E-6
4	Plot C Basement 13.4	66.00000	-58.30189	13.40000	0.54780	12.624	-0.0014102	-0.78218	4.3135E-6
4	Plot C Basement 13.4	70.00000	-58.30189	13.40000	0.56794	12.624	-0.0014517	-0.81668	4.5074E-6
4	Plot C Basement 13.4	74.00000	-58.30189	13.40000	0.58759	12.624	-0.0014824	-0.85036	4.6943E-6
4	Plot C Basement 13.4	78.00000	-58.30189	13.40000	0.60652	12.624	-0.0015012	-0.88301	4.8758E-6
4	Plot C Basement 13.4	82.00000	-58.30189	13.40000	0.62448	12.624	-0.0015073	-0.91444	5.0509E-6
4	Plot C Basement 13.4	86.00000	-58.30189	13.40000	0.64119	12.624	-0.0015004	-0.94452	5.2189E-6
4	Plot C Basement 13.4	90.00000	-58.30189	13.40000	0.65635	12.624	-0.0014804	-0.97315	5.3793E-6
4	Plot C Basement 13.4	94.00000	-58.30189	13.40000	0.66963	12.624	-0.0014481	-1.0003	5.5320E-6
4	Plot C Basement 13.4	98.00000	-58.30189	13.40000	0.68072	12.624	-0.0014046	-1.0260	5.6768E-6
4	Plot C Basement 13.4	102.00000	-58.30189	13.40000	0.68927	12.624	-0.0013513	-1.0503	5.8142E-6
4	Plot C Basement 13.4	106.00000	-58.30189	13.40000	0.69496	12.624	-0.0012903	-1.0733	5.9442E-6
4	Plot C Basement 13.4	110.00000	-58.30189	13.40000	0.69750	12.624	-0.0012237	-1.0949	6.0673E-6
4	Plot C Basement 13.4	114.00000	-58.30189	13.40000	0.69662	12.624	-0.0011536	-1.1153	6.1835E-6
4	Plot C Basement 13.4	118.00000	-58.30189	13.40000	0.69212	12.624	-0.0010823	-1.1344	6.2924E-6
4	Plot C Basement 13.4	122.00000	-58.30189	13.40000	0.68388	12.624	-0.0010115	-1.1521	6.3938E-6
4	Plot C Basement 13.4	126.00000	-58.30189	13.40000	0.67193	12.624	-0.000942	-1.1682	6.4855E-6
4	Plot C Basement 13.4	130.00000	-58.30189	13.40000	0.65644	12.624	-877.80E-6	-1.1823	6.5662E-6
4	Plot C Basement 13.4	134.00000	-58.30189	13.40000	0.63781	12.624	-816.81E-6	-1.1938	6.6327E-6
4	Plot C Basement 13.4	138.00000	-58.30189	13.40000	0.61671	12.624	-760.39E-6	-1.2022	6.6813E-6
4	Plot C Basement 13.4	142.00000	-58.30189	13.40000	0.59411	12.624	-708.52E-6	-1.2065	6.7106E-6
4	Plot C Basement 13.4	146.00000	-58.30189	13.40000	0.57129	12.624	-660.80E-6	-1.2056	6.7038E-6
4	Plot C Basement 13.4	150.00000	-58.30189	13.40000	0.54982	12.624	-616.46E-6	-1.1985	6.6565E-6
4	Plot C Basement 13.4	154.00000	-58.30189	13.40000	0.53136	12.624	-574.48E-6	-1.1840	6.5859E-6
4	Plot C Basement 13.4	158.00000	-58.30189	13.40000	0.51743	12.624	-533.74E-6	-1.1611	6.4956E-6
4	Plot C Basement 13.4	162.00000	-58.30189	13.40000	0.50682	12.624	-493.32E-6	-1.1293	6.3837E-6
4	Plot C Basement 13.4	166.00000	-58.30189	13.40000	0.50664	12.624	-452.72E-6	-1.0888	6.0591E-6
4	Plot C Basement 13.4	170.00000	-58.30189	13.40000	0.50951	12.624	-411.99E-6	-1.0405	5.7907E-6
4	Plot C Basement 13.4	174.00000	-58.30189	13.40000	0.51636	12.624	-371.65E-6	-0.98577	5.4869E-6
4	Plot C Basement 13.4	178.00000	-58.30189	13.40000	0.52535	12.624	-332.51E-6	-0.92666	5.1584E-6
4	Plot C Basement 13.4	182.00000	-58.30189	13.40000	0.53449	12.624	-295.41E-6	-0.86520	4.8168E-6
4	Plot C Basement 13.4	186.00000	-58.30189	13.40000	0.54203	12.624	-261.06E-6	-0.80335	4.4729E-6
4	Plot C Basement 13.4	190.00000	-58.30189	13.40000	0.54663	12.624	-229.87E-6	-0.74271	4.1356E-6
4	Plot C Basement 13.4	194.00000	-58.30189	13.40000	0.54749	12.624	-202.04E-6	-0.68452	3.8119E-6
4	Plot C Basement 13.4	198.00000	-58.30189	13.40000	0.54430	12.624	-177.50E-6	-0.62959	3.5063E-6
4	Plot C Basement 13.4	202.00000	-58.30189	13.40000	0.53719	12.624	-156.06E-6	-0.57839	3.2214E-6
4	Plot C Basement 13.4	206.00000	-58.30189	13.40000	0.52653	12.624	-137.42E-6	-0.53112	2.9584E-6
4	Plot C Basement 13.4	210.00000	-58.30189	13.40000	0.51289	12.624	-121.26E-6	-0.48777	2.7170E-6
4	Plot C Basement 13.4	214.00000	-58.30189	13.40000	0.49686	12.624	-107.27E-6	-0.44819	2.4967E-6
4	Plot C Basement 13.4	218.00000	-58.30189	13.40000	0.47907	12.624	-95.137E-6	-0.41216	2.2961E-6
4	Plot C Basement 13.4	222.00000	-58.30189	13.40000	0.46007	12.624	-84.604E-6	-0.37944	2.1139E-6
4	Plot C Basement 13.4	226.00000	-58.30189	13.40000	0.44034	12.624	-75.438E-6	-0.34973	1.9485E-6
4	Plot C Basement 13.4	230.00000	-58.30189	13.40000	0.42030	12.624	-67.438E-6	-0.32277	1.7984E-6
4	Plot C Basement 13.4	234.00000	-58.30189	13.40000	0.40028	12.624	-60.437E-6	-0.29829	1.6621E-6
4	Plot C Basement 13.4	238.00000	-58.30189	13.40000	0.38052	12.624	-54.293E-6	-0.27606	1.5382E-6
4	Plot C Basement 13.4	242.00000	-58.30189	13.40000	0.36122	12.624	-48.884E-6	-0.25584	1.4256E-6
4	Plot C Basement 13.4	246.00000	-58.30189	13.40000	0.34253	12.624	-44.110E-6	-0.23744	1.3231E-6
4	Plot C Basement 13.4	250.00000	-58.30189	13.40000	0.32454	12.624	-39.884E-6	-0.22066	1.2297E-6
4	Plot C Basement 13.4	-30.00000	-54.33962	13.40000	0.17679	12.624	-182.76E-6	-0.18721	1.0383E-6
4	Plot C Basement 13.4	-26.00000	-54.33962	13.40000	0.18625	12.624	-204.65E-6	-0.19994	1.1085E-6
4	Plot C Basement 13.4	-22.00000	-54.33962	13.40000	0.19626	12.624	-229.31E-6	-0.21368	1.1844E-6
4	Plot C Basement 13.4	-18.00000	-54.33962	13.40000	0.20686	12.624	-257.07E-6	-0.22853	1.2663E-6
4	Plot C Basement 13.4	-14.00000	-54.33962	13.40000	0.21806	12.624	-288.30E-6	-0.24455	1.3546E-6
4	Plot C Basement 13.4	-10.00000	-54.33962	13.40000	0.22990	12.624	-323.35E-6	-0.26185	1.4499E-6
4	Plot C Basement 13.4	-6.00000	-54.33962	13.40000	0.24239	12.624	-362.63E-6	-0.28050	1.5527E-6
4	Plot C Basement 13.4	-2.00000	-54.33962	13.40000	0.25555	12.624	-406.51E-6	-0.30059	1.6633E-6
4	Plot C Basement 13.4	2.00000	-54.33962	13.40000	0.26940	12.624	-455.37E-6	-0.32221	1.7823E-6
4	Plot C Basement 13.4	6.00000	-54.33962	13.40000	0.28396	12.624	-509.57E-6	-0.34543	1.9100E-6
4	Plot C Basement 13.4	10.00000	-54.33962	13.40000	0.29922	12.624	-569.39E-6	-0.37034	2.0469E-6
4	Plot C Basement 13.4	14.00000	-54.33962	13.40000	0.31519	12.624	-635.05E-6	-0.39698	2.1934E-6
4	Plot C Basement 13.4	18.00000	-54.33962	13.40000	0.33186	12.624	-706.61E-6	-0.42540	2.3495E-6
4	Plot C Basement 13.4	22.00000	-54.33962	13.40000	0.34923	12.624	-784.09E-6	-0.45563	2.5156E-6
4	Plot C Basement 13.4	26.00000	-54.33962	13.40000	0.36727	12.624	-867.17E-6	-0.48766	2.6915E-6
4	Plot C Basement 13.4	30.00000	-54.33962	13.40000	0.38596	12.624	-955.38E-6	-0.52145	2.8770E-6
4	Plot C Basement 13.4	34.00000	-54.33962	13.40000	0.40526	12.624	-0.0010480	-0.55694	3.0719E-6
4	Plot C Basement 13.4	38.00000	-54.33962	13.40000	0.42511	12.624	-0.0011440	-0.59402	3.2765E-6
4	Plot C Basement 13.4	42.00000	-54.33962	13.40000	0.44545	12.624	-0.0012420	-0.63254	3.4872E-6
4	Plot C Basement 13.4	46.00000	-54.33962	13.40000	0.46622	12.624	-0.0013406	-0.67230	3.7057E-6
4	Plot C Basement 13.4	50.00000	-54.33962	13.40000	0.48731	12.624	-0.0014377	-0.71306	3.9298E-6
4	Plot C Basement 13.4	54.00000	-54.33962	13.40000	0.50862	12.624	-0.0015335	-0.75455	4.1581E-6
4	Plot C Basement 13.4	58.00000	-54.33962	13.40000	0.53003	12.624	-0.0016196	-0.79646	4.3890E-6
4	Plot C Basement 13.4	62.00000	-54.3396						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
4	Plot C Basement	13.4	246.00000	-54.33962	13.40000	0.35677	12.624 -46.879E-6	-0.25026	1.3946E-6
4	Plot C Basement	13.4	250.00000	-54.33962	13.40000	0.33770	12.624 -42.262E-6	-0.23195	1.2925E-6
4	Plot C Basement	13.4	-30.00000	-50.37736	13.40000	0.18188	12.624 -201.03E-6	-0.19583	1.0858E-6
4	Plot C Basement	13.4	-26.00000	-50.37736	13.40000	0.19179	12.624 -226.13E-6	-0.20959	1.1617E-6
4	Plot C Basement	13.4	-22.00000	-50.37736	13.40000	0.20229	12.624 -254.60E-6	-0.22451	1.2440E-6
4	Plot C Basement	13.4	-18.00000	-50.37736	13.40000	0.21341	12.624 -286.87E-6	-0.24069	1.3311E-6
4	Plot C Basement	13.4	-14.00000	-50.37736	13.40000	0.22518	12.624 -323.43E-6	-0.25822	1.4297E-6
4	Plot C Basement	13.4	-10.00000	-50.37736	13.40000	0.23764	12.624 -364.78E-6	-0.27722	1.5343E-6
4	Plot C Basement	13.4	-6.00000	-50.37736	13.40000	0.25078	12.624 -411.47E-6	-0.29780	1.6476E-6
4	Plot C Basement	13.4	-2.00000	-50.37736	13.40000	0.26465	12.624 -464.06E-6	-0.32008	1.7701E-6
4	Plot C Basement	13.4	2.00000	-50.37736	13.40000	0.27925	12.624 -523.13E-6	-0.34417	1.9025E-6
4	Plot C Basement	13.4	6.00000	-50.37736	13.40000	0.29460	12.624 -589.23E-6	-0.37017	2.0453E-6
4	Plot C Basement	13.4	10.00000	-50.37736	13.40000	0.31070	12.624 -662.84E-6	-0.39820	2.1992E-6
4	Plot C Basement	13.4	14.00000	-50.37736	13.40000	0.32755	12.624 -744.37E-6	-0.42834	2.3646E-6
4	Plot C Basement	13.4	18.00000	-50.37736	13.40000	0.34513	12.624 -834.10E-6	-0.46067	2.5420E-6
4	Plot C Basement	13.4	178.00000	-56.37736	13.40000	0.36344	12.624 -932.09E-6	-0.49523	2.7315E-6
4	Plot C Basement	13.4	26.00000	-50.37736	13.40000	0.38244	12.624 -0.0010382	-0.53206	2.9334E-6
4	Plot C Basement	13.4	30.00000	-50.37736	13.40000	0.40209	12.624 -0.0011519	-0.57112	3.1475E-6
4	Plot C Basement	13.4	34.00000	-50.37736	13.40000	0.42234	12.624 -0.0012723	-0.61237	3.3736E-6
4	Plot C Basement	13.4	38.00000	-50.37736	13.40000	0.44314	12.624 -0.0013982	-0.65568	3.6110E-6
4	Plot C Basement	13.4	42.00000	-50.37736	13.40000	0.46439	12.624 -0.0015280	-0.70089	3.8589E-6
4	Plot C Basement	13.4	46.00000	-50.37736	13.40000	0.48602	12.624 -0.0016595	-0.74778	4.1161E-6
4	Plot C Basement	13.4	50.00000	-50.37736	13.40000	0.50790	12.624 -0.0017903	-0.79605	4.3810E-6
4	Plot C Basement	13.4	54.00000	-50.37736	13.40000	0.52992	12.624 -0.0019175	-0.84538	4.6519E-6
4	Plot C Basement	13.4	58.00000	-50.37736	13.40000	0.55190	12.624 -0.0020381	-0.89537	4.9267E-6
4	Plot C Basement	13.4	62.00000	-50.37736	13.40000	0.57366	12.624 -0.0021489	-0.94559	5.2032E-6
4	Plot C Basement	13.4	66.00000	-50.37736	13.40000	0.59499	12.624 -0.0022467	-0.99562	5.4790E-6
4	Plot C Basement	13.4	70.00000	-50.37736	13.40000	0.61561	12.624 -0.0023282	-1.0450	5.7518E-6
4	Plot C Basement	13.4	74.00000	-50.37736	13.40000	0.63522	12.624 -0.0023904	-1.0933	6.0193E-6
4	Plot C Basement	13.4	78.00000	-50.37736	13.40000	0.65366	12.624 -0.0024307	-1.1402	6.2797E-6
4	Plot C Basement	13.4	82.00000	-50.37736	13.40000	0.66991	12.624 -0.0024471	-1.1855	6.5314E-6
4	Plot C Basement	13.4	86.00000	-50.37736	13.40000	0.68410	12.624 -0.0024382	-1.2288	6.7734E-6
4	Plot C Basement	13.4	90.00000	-50.37736	13.40000	0.69552	12.624 -0.0024038	-1.2702	7.0056E-6
4	Plot C Basement	13.4	94.00000	-50.37736	13.40000	0.70362	12.624 -0.0023450	-1.3097	7.2280E-6
4	Plot C Basement	13.4	98.00000	-50.37736	13.40000	0.70782	12.624 -0.0022639	-1.3475	7.4418E-6
4	Plot C Basement	13.4	102.00000	-50.37736	13.40000	0.70713	12.624 -0.0021614	-1.3839	7.6481E-6
4	Plot C Basement	13.4	106.00000	-50.37736	13.40000	0.70219	12.624 -0.0020498	-1.4192	7.8488E-6
4	Plot C Basement	13.4	110.00000	-50.37736	13.40000	0.69124	12.624 -0.0019261	-1.4537	8.0455E-6
4	Plot C Basement	13.4	114.00000	-50.37736	13.40000	0.67421	12.624 -0.0017982	-1.4878	8.2397E-6
4	Plot C Basement	13.4	118.00000	-50.37736	13.40000	0.65067	12.624 -0.0016700	-1.5216	8.4323E-6
4	Plot C Basement	13.4	122.00000	-50.37736	13.40000	0.62037	12.624 -0.0015480	-1.5551	8.6235E-6
4	Plot C Basement	13.4	126.00000	-50.37736	13.40000	0.58322	12.624 -0.0014333	-1.5882	8.8123E-6
4	Plot C Basement	13.4	130.00000	-50.37736	13.40000	0.53947	12.624 -0.0013288	-1.6206	8.9963E-6
4	Plot C Basement	13.4	134.00000	-50.37736	13.40000	0.48982	12.624 -0.0012362	-1.6514	9.1712E-6
4	Plot C Basement	13.4	138.00000	-50.37736	13.40000	0.43556	12.624 -0.0011558	-1.6794	9.3303E-6
4	Plot C Basement	13.4	142.00000	-50.37736	13.40000	0.37882	12.624 -0.0010873	-1.7030	9.4642E-6
4	Plot C Basement	13.4	146.00000	-50.37736	13.40000	0.32273	12.624 -0.0010294	-1.7198	9.5598E-6
4	Plot C Basement	13.4	150.00000	-50.37736	13.40000	0.27149	12.624 -979.09E-6	-1.7267	9.5999E-6
4	Plot C Basement	13.4	154.00000	-50.37736	13.40000	0.23027	12.624 -932.15E-6	-1.7200	9.5639E-6
4	Plot C Basement	13.4	158.00000	-50.37736	13.40000	0.19344	12.624 -883.03E-6	-1.6958	9.4307E-6
4	Plot C Basement	13.4	162.00000	-50.37736	13.40000	0.19777	12.624 -826.76E-6	-1.6513	9.1846E-6
4	Plot C Basement	13.4	166.00000	-50.37736	13.40000	0.21193	12.624 -760.92E-6	-1.5860	8.8222E-6
4	Plot C Basement	13.4	170.00000	-50.37736	13.40000	0.24479	12.624 -686.61E-6	-1.5019	8.3555E-6
4	Plot C Basement	13.4	174.00000	-50.37736	13.40000	0.29139	12.624 -607.68E-6	-1.4035	7.8096E-6
4	Plot C Basement	13.4	178.00000	-50.37736	13.40000	0.34512	12.624 -528.96E-6	-1.2967	7.2161E-6
4	Plot C Basement	13.4	182.00000	-50.37736	13.40000	0.39938	12.624 -454.71E-6	-1.1870	6.6068E-6
4	Plot C Basement	13.4	186.00000	-50.37736	13.40000	0.44872	12.624 -387.78E-6	-1.0794	6.0084E-6
4	Plot C Basement	13.4	190.00000	-50.37736	13.40000	0.48948	12.624 -329.49E-6	-0.97714	5.4401E-6
4	Plot C Basement	13.4	194.00000	-50.37736	13.40000	0.51984	12.624 -279.93E-6	-0.88244	4.9135E-6
4	Plot C Basement	13.4	198.00000	-50.37736	13.40000	0.53949	12.624 -238.41E-6	-0.79623	4.4339E-6
4	Plot C Basement	13.4	202.00000	-50.37736	13.40000	0.54920	12.624 -203.88E-6	-0.71865	4.0023E-6
4	Plot C Basement	13.4	206.00000	-50.37736	13.40000	0.55028	12.624 -175.23E-6	-0.64934	3.6166E-6
4	Plot C Basement	13.4	210.00000	-50.37736	13.40000	0.54430	12.624 -151.41E-6	-0.58768	3.2734E-6
4	Plot C Basement	13.4	214.00000	-50.37736	13.40000	0.53282	12.624 -131.52E-6	-0.53292	2.9686E-6
4	Plot C Basement	13.4	218.00000	-50.37736	13.40000	0.51727	12.624 -114.83E-6	-0.48430	2.6979E-6
4	Plot C Basement	13.4	222.00000	-50.37736	13.40000	0.49884	12.624 -100.73E-6	-0.44110	2.4574E-6
4	Plot C Basement	13.4	226.00000	-50.37736	13.40000	0.47855	12.624 -88.758E-6	-0.40266	2.2433E-6
4	Plot C Basement	13.4	230.00000	-50.37736	13.40000	0.45719	12.624 -78.524E-6	-0.36838	2.0525E-6
4	Plot C Basement	13.4	234.00000	-50.37736	13.40000	0.43536	12.624 -69.727E-6	-0.33776	1.8819E-6
4	Plot C Basement	13.4	238.00000	-50.37736	13.40000	0.41353	12.624 -62.127E-6	-0.31034	1.7292E-6
4	Plot C Basement	13.4	242.00000	-50.37736	13.40000	0.39205	12.624 -55.529E-6	-0.28572	1.5921E-6
4	Plot C Basement	13.4	246.00000	-50.37736	13.40000	0.37114	12.624 -49.775E-6	-0.26357	1.4687E-6
4	Plot C Basement	13.4	250.00000	-50.37736	13.40000	0.35097	12.624 -44.737E-6	-0.24360	1.3575E-6
4	Plot C Basement	13.4	-30.00000	-46.41509	13.40000	0.18696	12.624 -220.99E-6	-0.20474	1.1348E-6
4	Plot C Basement	13.4	-26.00000	-46.41509	13.40000	0.19732	12.624 -249.75E-6	-0.21961	1.2688E-6
4	Plot C Basement	13.4	-22.00000	-46.41509	13.40000	0.20831	12.624 -282.60E-6	-0.23579	1.3059E-6
4	Plot C Basement	13.4	-18.00000	-46.41509	13.40000	0.21997	12.624 -320.11E-6	-0.25340	1.4029E-6
4	Plot C Basement	13.4	-14.00000	-46.41509	13.40000	0.23232	12.624 -362.91E-6	-0.27258	1.5085E-6
4	Plot C Basement	13.4	-10.00000	-46.41509	13.40000	0.24539	12.624 -411.71E-6	-0.29346	1.6233E-6
4	Plot C Basement	13.4	-6.00000	-46.41509	13.40000	0.25920	12.624 -467.28E-6	-0.31619	1.7482E-6
4	Plot C Basement	13.4	-2.00000	-46.41509	13.40000	0.27378	12.624 -530.43E-6	-0.34089	1.8839E-6
4	Plot C Basement	13.4	2.00000	-46.41509	13.40000	0.28913	12.624 -602.00E-6	-0.36774	2.0314E-6
4	Plot C Basement	13.4	6.00000	-46.41509	13.40000	0.30527	12.624 -682.83E-6	-0.39689	2.1913E-6
4	Plot C Basement	13.4	10.00000	-46.41509	13.40000	0.32219	12.624 -773.73E-6	-0.42848	2.3644E-6
4	Plot C Basement	13.4	14.00000	-46.41509	13.40000	0.33989	12.624 -875.43E-6	-0.46264	2.5516E-6
4	Plot C Basement	13.4	18.00000	-46.41509	13.40000	0.35835	12.624 -988.49E-6	-0.49950	2.7535E-6
4	Plot C Basement	13.4	22.00000	-46.41509	13.40000	0.37754	12.624 -0.0011132	-0.53914	2.9704E-6
4	Plot C Basement	13.4	26.00000	-46.41509	13.40000	0.39741	12.624 -0.0012497	-0.58163	3.2029E-6
4	Plot C Basement	13.4	30.00000	-46.41509	13.40000	0.41782	12.624 -0.0013973	-0.62697	3.4509E-6
4	Plot C Basement	13.4	34.00000	-46.41509	13.40000	0.43900	12.624 -0.0015554	-0.67511	3.7142E-6
4	Plot C Basement	13.4	38.00000	-46.41509	13.40000	0.46056	12.624 -0.0017222	-0.72597	3.9923E-6
4	Plot C Basement	13.4	42.00000	-46.41509	13.40000	0.48250	12.624 -0.0018958	-0.77934	4.2842E-6
4	Plot C Basement	13.4	46.00000	-46.41509	13.40000	0.50470	12.624 -0.0020733	-0.83498	4.5887E-6
4	Plot C Basement	13.4	50.00000	-46.41509	13.40000	0.52703	12.624 -0.0022514	-0.89255	4.9039E-6
4	Plot C Basement	13.4	54.00000	-46.41509	13.40000	0.54923	12.624 -0.0024283	-0.95162	5.2216E-6
4	Plot C Basement	13.4	58.00000	-46.41509	13.40				



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
4	Plot C Basement 13.4	242.00000	-46.41509	13.40000	0.40756	12.624	-59.094E-6	-0.30153	1.6802E-6
4	Plot C Basement 13.4	246.00000	-46.41509	13.40000	0.38555	12.624	-52.790E-6	-0.27731	1.5452E-6
4	Plot C Basement 13.4	250.00000	-46.41509	13.40000	0.36429	12.624	-47.301E-6	-0.25557	1.4242E-6
4	Plot C Basement 13.4	-30.00000	-42.45283	13.40000	0.19200	12.624	-242.71E-6	-0.21390	1.1851E-6
4	Plot C Basement 13.4	-26.00000	-42.45283	13.40000	0.20282	12.624	-275.65E-6	-0.22995	1.2736E-6
4	Plot C Basement 13.4	-22.00000	-42.45283	13.40000	0.21430	12.624	-313.52E-6	-0.24750	1.3702E-6
4	Plot C Basement 13.4	-18.00000	-42.45283	13.40000	0.22650	12.624	-357.08E-6	-0.26667	1.4757E-6
4	Plot C Basement 13.4	-14.00000	-42.45283	13.40000	0.23942	12.624	-407.19E-6	-0.28763	1.5910E-6
4	Plot C Basement 13.4	-10.00000	-42.45283	13.40000	0.25311	12.624	-464.82E-6	-0.31056	1.7170E-6
4	Plot C Basement 13.4	-6.00000	-42.45283	13.40000	0.26759	12.624	-531.01E-6	-0.33564	1.8547E-6
4	Plot C Basement 13.4	-2.00000	-42.45283	13.40000	0.28287	12.624	-606.92E-6	-0.36306	2.0051E-6
4	Plot C Basement 13.4	2.00000	-42.45283	13.40000	0.29896	12.624	-693.80E-6	-0.39302	2.1693E-6
4	Plot C Basement 13.4	6.00000	-42.45283	13.40000	0.31587	12.624	-792.92E-6	-0.42572	2.3484E-6
4	Plot C Basement 13.4	10.00000	-42.45283	13.40000	0.33358	12.624	-905.58E-6	-0.46138	2.5436E-6
4	Plot C Basement 13.4	14.00000	-42.45283	13.40000	0.35209	12.624	-0.0010330	-0.50017	2.7557E-6
4	Plot C Basement 13.4	18.00000	-42.45283	13.40000	0.37135	12.624	-0.0011762	-0.54229	2.9895E-6
4	Plot C Basement 13.4	22.00000	-42.45283	13.40000	0.39133	12.624	-0.0013360	-0.58789	3.2349E-6
4	Plot C Basement 13.4	26.00000	-42.45283	13.40000	0.41196	12.624	-0.0015127	-0.63708	3.5034E-6
4	Plot C Basement 13.4	30.00000	-42.45283	13.40000	0.43316	12.624	-0.0017062	-0.68991	3.7917E-6
4	Plot C Basement 13.4	34.00000	-42.45283	13.40000	0.45483	12.624	-0.0019155	-0.74639	4.0998E-6
4	Plot C Basement 13.4	38.00000	-42.45283	13.40000	0.47687	12.624	-0.0021390	-0.80643	4.4272E-6
4	Plot C Basement 13.4	42.00000	-42.45283	13.40000	0.49914	12.624	-0.0023738	-0.86983	4.7730E-6
4	Plot C Basement 13.4	46.00000	-42.45283	13.40000	0.52149	12.624	-0.0026164	-0.93631	5.1358E-6
4	Plot C Basement 13.4	50.00000	-42.45283	13.40000	0.54374	12.624	-0.0028623	-1.0055	5.5134E-6
4	Plot C Basement 13.4	54.00000	-42.45283	13.40000	0.56569	12.624	-0.0031062	-1.0768	5.9031E-6
4	Plot C Basement 13.4	58.00000	-42.45283	13.40000	0.58707	12.624	-0.0033421	-1.1497	6.3018E-6
4	Plot C Basement 13.4	62.00000	-42.45283	13.40000	0.60764	12.624	-0.0035636	-1.2234	6.7058E-6
4	Plot C Basement 13.4	66.00000	-42.45283	13.40000	0.62702	12.624	-0.0037641	-1.2973	7.1110E-6
4	Plot C Basement 13.4	70.00000	-42.45283	13.40000	0.64479	12.624	-0.0039365	-1.3704	7.5135E-6
4	Plot C Basement 13.4	74.00000	-42.45283	13.40000	0.66044	12.624	-0.0040740	-1.4422	7.9093E-6
4	Plot C Basement 13.4	78.00000	-42.45283	13.40000	0.67334	12.624	-0.0041698	-1.5119	8.2950E-6
4	Plot C Basement 13.4	82.00000	-42.45283	13.40000	0.68277	12.624	-0.0042181	-1.5791	8.6681E-6
4	Plot C Basement 13.4	86.00000	-42.45283	13.40000	0.68785	12.624	-0.0042142	-1.6434	9.0272E-6
4	Plot C Basement 13.4	90.00000	-42.45283	13.40000	0.68761	12.624	-0.0041559	-1.7050	9.3723E-6
4	Plot C Basement 13.4	94.00000	-42.45283	13.40000	0.68190	12.624	-0.0040439	-1.7639	9.7051E-6
4	Plot C Basement 13.4	98.00000	-42.45283	13.40000	0.66689	12.624	-0.0038828	-1.8210	10.029E-6
4	Plot C Basement 13.4	102.00000	-42.45283	13.40000	0.64415	12.624	-0.0036809	-1.8770	10.348E-6
4	Plot C Basement 13.4	106.00000	-42.45283	13.40000	0.61164	12.624	-0.0034495	-1.9330	10.668E-6
4	Plot C Basement 13.4	110.00000	-42.45283	13.40000	0.56827	12.624	-0.0032018	-1.9900	10.995E-6
4	Plot C Basement 13.4	114.00000	-42.45283	13.40000	0.51300	12.624	-0.0028951	-2.0493	11.333E-6
4	Plot C Basement 13.4	118.00000	-42.45283	13.40000	0.44485	12.624	-0.0027096	-2.1117	11.690E-6
4	Plot C Basement 13.4	122.00000	-42.45283	13.40000	0.36298	12.624	-0.0024874	-2.1780	12.067E-6
4	Plot C Basement 13.4	126.00000	-42.45283	13.40000	0.26676	12.624	-0.0022919	-2.2488	12.468E-6
4	Plot C Basement 13.4	130.00000	-42.45283	13.40000	0.15598	12.624	-0.0021286	-2.3240	12.893E-6
4	Plot C Basement 13.4	134.00000	-42.45283	13.40000	0.03121	12.624	-0.0020001	-2.4031	13.339E-6
4	Plot C Basement 13.4	138.00000	-42.45283	13.40000	-0.10572	12.624	-0.0019108	-2.4850	13.799E-6
4	Plot C Basement 13.4	142.00000	-42.45283	13.40000	-0.25122	12.624	-0.0018589	-2.5672	14.259E-6
4	Plot C Basement 13.4	146.00000	-42.45283	13.40000	-0.39925	12.624	-0.0018460	-2.6460	14.699E-6
4	Plot C Basement 13.4	150.00000	-42.45283	13.40000	-0.53979	12.624	-0.0018691	-2.7147	15.082E-6
4	Plot C Basement 13.4	154.00000	-42.45283	13.40000	-0.66968	12.624	-0.0019106	-2.7610	15.339E-6
4	Plot C Basement 13.4	158.00000	-42.45283	13.40000	-0.72921	12.624	-0.0019297	-2.7663	15.367E-6
4	Plot C Basement 13.4	162.00000	-42.45283	13.40000	-0.73717	12.624	-0.0018784	-2.7120	15.066E-6
4	Plot C Basement 13.4	166.00000	-42.45283	13.40000	-0.67268	12.624	-0.0017371	-2.5911	14.397E-6
4	Plot C Basement 13.4	170.00000	-42.45283	13.40000	-0.54407	12.624	-0.0015251	-2.4123	13.407E-6
4	Plot C Basement 13.4	174.00000	-42.45283	13.40000	-0.37227	12.624	-0.0012814	-2.1956	12.206E-6
4	Plot C Basement 13.4	178.00000	-42.45283	13.40000	-0.18272	12.624	-0.0010425	-1.9635	10.919E-6
4	Plot C Basement 13.4	182.00000	-42.45283	13.40000	0.00179	12.624	-831.31E-6	-1.7348	9.6502E-6
4	Plot C Basement 13.4	186.00000	-42.45283	13.40000	0.16525	12.624	-657.42E-6	-1.5224	8.4708E-6
4	Plot C Basement 13.4	190.00000	-42.45283	13.40000	0.29924	12.624	-520.62E-6	-1.3326	7.4165E-6
4	Plot C Basement 13.4	194.00000	-42.45283	13.40000	0.40165	12.624	-415.66E-6	-1.1671	6.4970E-6
4	Plot C Basement 13.4	198.00000	-42.45283	13.40000	0.47452	12.624	-335.83E-6	-1.0249	5.7061E-6
4	Plot C Basement 13.4	202.00000	-42.45283	13.40000	0.52203	12.624	-274.95E-6	-0.90330	5.0300E-6
4	Plot C Basement 13.4	206.00000	-42.45283	13.40000	0.54899	12.624	-228.04E-6	-0.79953	4.4527E-6
4	Plot C Basement 13.4	210.00000	-42.45283	13.40000	0.56004	12.624	-191.41E-6	-0.71079	3.9588E-6
4	Plot C Basement 13.4	214.00000	-42.45283	13.40000	0.55920	12.624	-162.38E-6	-0.63461	3.5349E-6
4	Plot C Basement 13.4	218.00000	-42.45283	13.40000	0.54977	12.624	-139.03E-6	-0.56894	3.1693E-6
4	Plot C Basement 13.4	222.00000	-42.45283	13.40000	0.53439	12.624	-120.00E-6	-0.51205	2.8525E-6
4	Plot C Basement 13.4	226.00000	-42.45283	13.40000	0.51505	12.624	-104.30E-6	-0.46252	2.5768E-6
4	Plot C Basement 13.4	230.00000	-42.45283	13.40000	0.49328	12.624	-91.203E-6	-0.41921	2.3356E-6
4	Plot C Basement 13.4	234.00000	-42.45283	13.40000	0.47018	12.624	-80.176E-6	-0.38116	2.1237E-6
4	Plot C Basement 13.4	238.00000	-42.45283	13.40000	0.44657	12.624	-70.814E-6	-0.34758	1.9367E-6
4	Plot C Basement 13.4	242.00000	-42.45283	13.40000	0.42302	12.624	-62.806E-6	-0.31785	1.7711E-6
4	Plot C Basement 13.4	246.00000	-42.45283	13.40000	0.39994	12.624	-55.913E-6	-0.29140	1.6238E-6
4	Plot C Basement 13.4	250.00000	-42.45283	13.40000	0.37759	12.624	-49.945E-6	-0.26781	1.4924E-6
4	Plot C Basement 13.4	-30.00000	-38.49057	13.40000	0.19699	12.624	-223.97E-6	-0.19599	1.2369E-6
4	Plot C Basement 13.4	-26.00000	-38.49057	13.40000	0.20826	12.624	-303.92E-6	-0.24061	1.3321E-6
4	Plot C Basement 13.4	-22.00000	-38.49057	13.40000	0.22024	12.624	-347.53E-6	-0.25960	1.4366E-6
4	Plot C Basement 13.4	-18.00000	-38.49057	13.40000	0.23297	12.624	-398.09E-6	-0.28046	1.5512E-6
4	Plot C Basement 13.4	-14.00000	-38.49057	13.40000	0.24647	12.624	-456.74E-6	-0.30336	1.6771E-6
4	Plot C Basement 13.4	-10.00000	-38.49057	13.40000	0.26077	12.624	-524.76E-6	-0.32854	1.8152E-6
4	Plot C Basement 13.4	-6.00000	-38.49057	13.40000	0.27590	12.624	-603.63E-6	-0.35621	1.9670E-6
4	Plot C Basement 13.4	-2.00000	-38.49057	13.40000	0.29187	12.624	-694.98E-6	-0.38663	2.1336E-6
4	Plot C Basement 13.4	2.00000	-38.49057	13.40000	0.30867	12.624	-800.62E-6	-0.42007	2.3166E-6
4	Plot C Basement 13.4	6.00000	-38.49057	13.40000	0.32631	12.624	-922.47E-6	-0.45679	2.5174E-6
4	Plot C Basement 13.4	10.00000	-38.49057	13.40000	0.34477	12.624	-0.0010625	-0.49708	2.7357E-6
4	Plot C Basement 13.4	14.00000	-38.49057	13.40000	0.36401	12.624	-0.0012228	-0.54122	2.9783E-6
4	Plot C Basement 13.4	18.00000	-38.49057	13.40000	0.38397	12.624	-0.0014052	-0.58946	3.2414E-6
4	Plot C Basement 13.4	22.00000	-38.49057	13.40000	0.40459	12.624	-0.0016113	-0.64206	3.5279E-6
4	Plot C Basement 13.4	26.00000	-38.49057	13.40000	0.42578	12.624	-0.0018420	-0.69921	3.8390E-6
4	Plot C Basement 13.4	30.00000	-38.49057	13.40000	0.44741	12.624	-0.0020978	-0.76106	4.1755E-6
4	Plot C Basement 13.4	34.00000	-38.49057	13.40000	0.46935	12.624	-0.0023779	-0.82764	4.5376E-6
4	Plot C Basement 13.4	38.00000	-38.49057	13.40000	0.49145	12.624	-0.0026805	-0.89893	4.9251E-6
4	Plot C Basement 13.4	42.00000	-38.49057	13.40000	0.51353	12.624	-0.0030022	-0.97474	5.3373E-6
4	Plot C Basement 13.4	46.00000	-38.49057	13.40000	0.53537	12.624	-0.0033393	-1.0548	5.7725E-6
4	Plot C Basement 13.4	50.00000	-38.49057	13.40000	0.55675	12.624	-0.0036825	-1.1396	6.2284E-6
4	Plot C Basement 13.4	54.00000	-38.49057	13.40000	0.5774				



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	236.00000	-38.49057	13.40000	0.46285	12.624	-75.442E-6	-0.36711	2.0454E-6
4	Plot C Basement 13.4	242.00000	-38.49057	13.40000	0.43835	12.624	-66.649E-6	-0.33456	1.8642E-6
4	Plot C Basement 13.4	246.00000	-38.49057	13.40000	0.41423	12.624	-59.129E-6	-0.30579	1.7039E-6
4	Plot C Basement 13.4	250.00000	-38.49057	13.40000	0.39081	12.624	-52.656E-6	-0.28025	1.5617E-6
4	Plot C Basement 13.4	-30.00000	-34.52830	13.40000	0.20190	12.624	-291.71E-6	-0.23289	1.2894E-6
4	Plot C Basement 13.4	-26.00000	-34.52830	13.40000	-0.21362	12.624	-334.67E-6	-0.25154	1.3920E-6
4	Plot C Basement 13.4	-22.00000	-34.52830	13.40000	0.22609	12.624	-384.81E-6	-0.27208	1.5050E-6
4	Plot C Basement 13.4	-18.00000	-34.52830	13.40000	0.23934	12.624	-443.41E-6	-0.29473	1.6294E-6
4	Plot C Basement 13.4	-14.00000	-34.52830	13.40000	0.25341	12.624	-511.97E-6	-0.31973	1.7665E-6
4	Plot C Basement 13.4	-10.00000	-34.52830	13.40000	0.26832	12.624	-592.23E-6	-0.34735	1.9179E-6
4	Plot C Basement 13.4	-6.00000	-34.52830	13.40000	0.28408	12.624	-686.20E-6	-0.37787	2.0881E-6
4	Plot C Basement 13.4	-2.00000	-34.52830	13.40000	0.30070	12.624	-796.19E-6	-0.41162	2.2697E-6
4	Plot C Basement 13.4	2.00000	-34.52830	13.40000	0.31819	12.624	-924.81E-6	-0.44894	2.4736E-6
4	Plot C Basement 13.4	6.00000	-34.52830	13.40000	0.33651	12.624	-0.0010749	-0.49020	2.6987E-6
4	Plot C Basement 13.4	10.00000	-34.52830	13.40000	0.35562	12.624	-0.0012496	-0.53578	2.9471E-6
4	Plot C Basement 13.4	14.00000	-34.52830	13.40000	0.37548	12.624	-0.0014521	-0.58606	3.2209E-6
4	Plot C Basement 13.4	18.00000	-34.52830	13.40000	0.39599	12.624	-0.0016856	-0.64145	3.5220E-6
4	Plot C Basement 13.4	22.00000	-34.52830	13.40000	0.41705	12.624	-0.0019531	-0.70230	3.8525E-6
4	Plot C Basement 13.4	26.00000	-34.52830	13.40000	0.43851	12.624	-0.0022568	-0.76895	4.2142E-6
4	Plot C Basement 13.4	30.00000	-34.52830	13.40000	0.46020	12.624	-0.0025982	-0.84165	4.6083E-6
4	Plot C Basement 13.4	34.00000	-34.52830	13.40000	0.48194	12.624	-0.0029772	-0.92058	5.0360E-6
4	Plot C Basement 13.4	38.00000	-34.52830	13.40000	0.50349	12.624	-0.0033922	-1.0058	5.4973E-6
4	Plot C Basement 13.4	42.00000	-34.52830	13.40000	0.52460	12.624	-0.0038390	-1.0971	5.9917E-6
4	Plot C Basement 13.4	46.00000	-34.52830	13.40000	0.54498	12.624	-0.0043116	-1.1942	6.5178E-6
4	Plot C Basement 13.4	50.00000	-34.52830	13.40000	0.56434	12.624	-0.0048016	-1.2966	7.0727E-6
4	Plot C Basement 13.4	54.00000	-34.52830	13.40000	0.58232	12.624	-0.0052988	-1.4036	7.6527E-6
4	Plot C Basement 13.4	58.00000	-34.52830	13.40000	0.59853	12.624	-0.0057917	-1.5141	8.2528E-6
4	Plot C Basement 13.4	62.00000	-34.52830	13.40000	0.61250	12.624	-0.0062673	-1.6270	8.8668E-6
4	Plot C Basement 13.4	66.00000	-34.52830	13.40000	0.62366	12.624	-0.0067122	-1.7410	9.4877E-6
4	Plot C Basement 13.4	70.00000	-34.52830	13.40000	0.63131	12.624	-0.0071116	-1.8546	10.108E-6
4	Plot C Basement 13.4	74.00000	-34.52830	13.40000	0.63456	12.624	-0.0074449	-1.9664	10.720E-6
4	Plot C Basement 13.4	78.00000	-34.52830	13.40000	0.63230	12.624	-0.0077079	-2.0750	11.318E-6
4	Plot C Basement 13.4	82.00000	-34.52830	13.40000	0.62311	12.624	-0.0078683	-2.1795	11.895E-6
4	Plot C Basement 13.4	86.00000	-34.52830	13.40000	0.60527	12.624	-0.0079128	-2.2792	12.450E-6
4	Plot C Basement 13.4	90.00000	-34.52830	13.40000	0.57673	12.624	-0.0078276	-2.3742	12.983E-6
4	Plot C Basement 13.4	94.00000	-34.52830	13.40000	0.53118	12.624	-0.0076075	-2.4653	13.495E-6
4	Plot C Basement 13.4	98.00000	-34.52830	13.40000	0.47819	12.624	-0.0072600	-2.5544	14.007E-6
4	Plot C Basement 13.4	102.00000	-34.52830	13.40000	0.40329	12.624	-0.0068074	-2.6438	14.521E-6
4	Plot C Basement 13.4	106.00000	-34.52830	13.40000	0.30809	12.624	-0.0062844	-2.7367	15.057E-6
4	Plot C Basement 13.4	110.00000	-34.52830	13.40000	0.19026	12.624	-0.0057327	-2.8364	15.611E-6
4	Plot C Basement 13.4	114.00000	-34.52830	13.40000	0.04739	12.624	-0.0051938	-2.9465	16.264E-6
4	Plot C Basement 13.4	118.00000	-34.52830	13.40000	-0.12301	12.624	-0.0047035	-3.0703	16.971E-6
4	Plot C Basement 13.4	122.00000	-34.52830	13.40000	-0.32347	12.624	-0.0042885	-3.2111	17.700E-6
4	Plot C Basement 13.4	126.00000	-34.52830	13.40000	-0.55670	12.624	-0.0039683	-3.3719	18.478E-6
4	Plot C Basement 13.4	130.00000	-34.52830	13.40000	-0.82586	12.624	-0.0037610	-3.5566	19.315E-6
4	Plot C Basement 13.4	134.00000	-34.52830	13.40000	-1.13370	12.624	-0.0036781	-3.7695	20.205E-6
4	Plot C Basement 13.4	138.00000	-34.52830	13.40000	-1.47988	12.624	-0.0037636	-4.0127	22.259E-6
4	Plot C Basement 13.4	142.00000	-34.52830	13.40000	-1.85958	12.624	-0.0039989	-4.2847	23.769E-6
4	Plot C Basement 13.4	146.00000	-34.52830	13.40000	-2.26775	12.624	-0.0044548	-4.5903	25.459E-6
4	Plot C Basement 13.4	150.00000	-34.52830	13.40000	-2.69995	12.624	-0.0050351	-4.9502	27.436E-6
4	Plot C Basement 13.4	154.00000	-34.52830	13.40000	-3.12512	12.624	-0.0069758	-5.3621	29.680E-6
4	Plot C Basement 13.4	158.00000	-34.52830	13.40000	-3.44175	12.624	-0.0087514	-5.6973	31.491E-6
4	Plot C Basement 13.4	162.00000	-34.52830	13.40000	-3.50804	12.624	-0.0091721	-5.7265	31.639E-6
4	Plot C Basement 13.4	166.00000	-34.52830	13.40000	-3.26820	12.624	-0.0080424	-5.3817	29.754E-6
4	Plot C Basement 13.4	170.00000	-34.52830	13.40000	-2.78406	12.624	-0.0062415	-4.7801	26.458E-6
4	Plot C Basement 13.4	174.00000	-34.52830	13.40000	-2.17033	12.624	-0.0044721	-4.0764	22.591E-6
4	Plot C Basement 13.4	178.00000	-34.52830	13.40000	-1.53775	12.624	-0.0030553	-3.3892	18.805E-6
4	Plot C Basement 13.4	182.00000	-34.52830	13.40000	-0.96515	12.624	-0.0020422	-2.7849	15.468E-6
4	Plot C Basement 13.4	186.00000	-34.52830	13.40000	-0.49312	12.624	-0.0013699	-2.2871	12.713E-6
4	Plot C Basement 13.4	190.00000	-34.52830	13.40000	-0.13042	12.624	-0.0009132	-1.8913	10.520E-6
4	Plot C Basement 13.4	194.00000	-34.52830	13.40000	0.13345	12.624	-671.88E-6	-1.5807	8.7956E-6
4	Plot C Basement 13.4	198.00000	-34.52830	13.40000	0.31658	12.624	-497.76E-6	-1.3363	7.4380E-6
4	Plot C Basement 13.4	202.00000	-34.52830	13.40000	0.43759	12.624	-381.72E-6	-1.1421	6.3585E-6
4	Plot C Basement 13.4	206.00000	-34.52830	13.40000	0.51255	12.624	-301.38E-6	-0.98581	5.4894E-6
4	Plot C Basement 13.4	210.00000	-34.52830	13.40000	0.54244	12.624	-243.67E-6	-0.85840	4.7806E-6
4	Plot C Basement 13.4	214.00000	-34.52830	13.40000	0.57241	12.624	-200.82E-6	-0.75324	4.1953E-6
4	Plot C Basement 13.4	218.00000	-34.52830	13.40000	0.57425	12.624	-168.08E-6	-0.66544	3.7066E-6
4	Plot C Basement 13.4	222.00000	-34.52830	13.40000	0.56504	12.624	-142.46E-6	-0.59140	3.2944E-6
4	Plot C Basement 13.4	226.00000	-34.52830	13.40000	0.54857	12.624	-121.99E-6	-0.52839	2.9436E-6
4	Plot C Basement 13.4	230.00000	-34.52830	13.40000	0.52753	12.624	-105.36E-6	-0.47435	2.6427E-6
4	Plot C Basement 13.4	234.00000	-34.52830	13.40000	0.50384	12.624	-91.657E-6	-0.42766	2.3827E-6
4	Plot C Basement 13.4	238.00000	-34.52830	13.40000	0.47884	12.624	-80.229E-6	-0.38706	2.1566E-6
4	Plot C Basement 13.4	242.00000	-34.52830	13.40000	0.45346	12.624	-70.602E-6	-0.35156	1.9589E-6
4	Plot C Basement 13.4	246.00000	-34.52830	13.40000	0.42833	12.624	-62.422E-6	-0.32036	1.7851E-6
4	Plot C Basement 13.4	250.00000	-34.52830	13.40000	0.40386	12.624	-55.419E-6	-0.29280	1.6316E-6
4	Plot C Basement 13.4	-30.00000	-30.56604	13.40000	0.20670	12.624	-319.02E-6	-0.24263	1.3429E-6
4	Plot C Basement 13.4	-26.00000	-30.56604	13.40000	0.21887	12.624	-367.94E-6	-0.26269	1.4531E-6
4	Plot C Basement 13.4	-22.00000	-30.56604	13.40000	0.23182	12.624	-425.47E-6	-0.28487	1.5750E-6
4	Plot C Basement 13.4	-18.00000	-30.56604	13.40000	0.24559	12.624	-493.26E-6	-0.30944	1.7098E-6
4	Plot C Basement 13.4	-14.00000	-30.56604	13.40000	0.26021	12.624	-573.28E-6	-0.33670	1.8591E-6
4	Plot C Basement 13.4	-10.00000	-30.56604	13.40000	0.27570	12.624	-667.87E-6	-0.36696	2.0248E-6
4	Plot C Basement 13.4	-6.00000	-30.56604	13.40000	0.29206	12.624	-779.77E-6	-0.40060	2.2087E-6
4	Plot C Basement 13.4	-2.00000	-30.56604	13.40000	0.30931	12.624	-912.21E-6	-0.43802	2.4131E-6
4	Plot C Basement 13.4	2.00000	-30.56604	13.40000	0.32741	12.624	-0.0010689	-0.47968	2.6402E-6
4	Plot C Basement 13.4	6.00000	-30.56604	13.40000	0.34633	12.624	-0.0012543	-0.52604	2.8926E-6
4	Plot C Basement 13.4	10.00000	-30.56604	13.40000	0.36600	12.624	-0.0014726	-0.57763	3.1731E-6
4	Plot C Basement 13.4	14.00000	-30.56604	13.40000	0.38632	12.624	-0.0017294	-0.63500	3.4846E-6
4	Plot C Basement 13.4	18.00000	-30.56604	13.40000	0.40716	12.624	-0.0020299	-0.69871	3.8299E-6
4	Plot C Basement 13.4	22.00000	-30.56604	13.40000	0.42837	12.624	-0.0023795	-0.76931	4.2121E-6
4	Plot C Basement 13.4	26.00000	-30.56604	13.40000	0.44971	12.624	-0.0027824	-0.84731	4.6317E-6
4	Plot C Basement 13.4	30.00000	-30.56604	13.40000	0.47096	12.624	-0.0032429	-0.93318	5.0974E-6
4	Plot C Basement 13.4	34.00000	-30.56604	13.40000	0.49181	12.624	-0.0037620	-1.0273	5.6048E-6
4	Plot C Basement 13.4	38.00000	-30.56604	13.40000	0.51194	12.624	-0.0043388	-1.1297	6.1571E-6
4	Plot C Basement 13.4	42.00000	-30.56604	13.40000	0.53098	12.624	-0.0049690	-1.2406	6.7544E-6
4	Plot C Basement 13.4	46.00000	-30.56604	13.40000	0.54855	12.624	-0.0056447	-1.3595	7.3953E-6
4	Plot C Basement 13.4	50.00000	-30.56604	13.40000	0.56422	12			



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
4	Plot C Basement 13.4	234.00000	-30.56604	13.40000	0.52000	12.624	-97.698E-6	-0.45164	2.5163E-6
4	Plot C Basement 13.4	238.00000	-30.56604	13.40000	0.49446	12.624	-85.139E-6	-0.40728	2.2692E-6
4	Plot C Basement 13.4	242.00000	-30.56604	13.40000	0.46826	12.624	-74.637E-6	-0.36872	2.0545E-6
4	Plot C Basement 13.4	246.00000	-30.56604	13.40000	0.44216	12.624	-65.768E-6	-0.33501	1.8667E-6
4	Plot C Basement 13.4	250.00000	-30.56604	13.40000	0.41667	12.624	-58.216E-6	-0.30538	1.7017E-6
4	Plot C Basement 13.4	-20.00000	-26.60377	13.40000	-3.21137	12.624	-348.17E-6	-0.25248	3.9688E-6
4	Plot C Basement 13.4	-26.00000	-26.60377	13.40000	0.22397	12.624	-403.71E-6	-0.27400	1.5151E-6
4	Plot C Basement 13.4	-22.00000	-26.60377	13.40000	0.23739	12.624	-469.54E-6	-0.29791	1.6462E-6
4	Plot C Basement 13.4	-18.00000	-26.60377	13.40000	0.25166	12.624	-547.78E-6	-0.32452	1.7921E-6
4	Plot C Basement 13.4	-14.00000	-26.60377	13.40000	0.26681	12.624	-641.00E-6	-0.35419	1.9544E-6
4	Plot C Basement 13.4	16.00000	-26.60377	13.40000	0.37573	12.624	-752.29E-6	-0.38731	2.1355E-6
4	Plot C Basement 13.4	-6.00000	-26.60377	13.40000	0.29979	12.624	-885.36E-6	-0.42434	2.3376E-6
4	Plot C Basement 13.4	-2.00000	-26.60377	13.40000	0.31760	12.624	-0.0010447	-0.46579	2.5635E-6
4	Plot C Basement 13.4	2.00000	-26.60377	13.40000	0.33625	12.624	-0.0012357	-0.51225	2.8163E-6
4	Plot C Basement 13.4	6.00000	-26.60377	13.40000	0.35566	12.624	-0.0014644	-0.56435	3.0993E-6
4	Plot C Basement 13.4	10.00000	-26.60377	13.40000	0.37573	12.624	-0.0017381	-0.62275	3.4161E-6
4	Plot C Basement 13.4	14.00000	-26.60377	13.40000	0.39632	12.624	-0.0020650	-0.68830	3.7707E-6
4	Plot C Basement 13.4	18.00000	-26.60377	13.40000	0.41722	12.624	-0.0024537	-0.76171	4.1672E-6
4	Plot C Basement 13.4	22.00000	-26.60377	13.40000	0.43817	12.624	-0.0029136	-0.84382	4.6099E-6
4	Plot C Basement 13.4	26.00000	-26.60377	13.40000	0.45888	12.624	-0.0034534	-0.93545	5.1000E-6
4	Plot C Basement 13.4	30.00000	-26.60377	13.40000	0.47897	12.624	-0.0040808	-1.03737	5.6400E-6
4	Plot C Basement 13.4	34.00000	-26.60377	13.40000	0.49800	12.624	-0.0048010	-1.1501	6.2555E-6
4	Plot C Basement 13.4	38.00000	-26.60377	13.40000	0.51549	12.624	-0.0056152	-1.2743	6.9207E-6
4	Plot C Basement 13.4	42.00000	-26.60377	13.40000	0.53092	12.624	-0.0065195	-1.4099	7.6474E-6
4	Plot C Basement 13.4	46.00000	-26.60377	13.40000	0.54522	12.624	-0.0075040	-1.5570	8.4349E-6
4	Plot C Basement 13.4	50.00000	-26.60377	13.40000	0.55829	12.624	-0.0085529	-1.7149	9.2807E-6
4	Plot C Basement 13.4	54.00000	-26.60377	13.40000	0.55900	12.624	-0.0096462	-1.8827	10.180E-6
4	Plot C Basement 13.4	58.00000	-26.60377	13.40000	0.56016	12.624	-0.010761	-2.0588	11.125E-6
4	Plot C Basement 13.4	62.00000	-26.60377	13.40000	0.55599	12.624	-0.011873	-2.2414	12.106E-6
4	Plot C Basement 13.4	66.00000	-26.60377	13.40000	0.54558	12.624	-0.012958	-2.4279	13.111E-6
4	Plot C Basement 13.4	70.00000	-26.60377	13.40000	0.52774	12.624	-0.013989	-2.6159	14.125E-6
4	Plot C Basement 13.4	74.00000	-26.60377	13.40000	0.50096	12.624	-0.014933	-2.8021	15.132E-6
4	Plot C Basement 13.4	78.00000	-26.60377	13.40000	0.46316	12.624	-0.015745	-2.9838	16.119E-6
4	Plot C Basement 13.4	82.00000	-26.60377	13.40000	0.41159	12.624	-0.016362	-3.1582	17.071E-6
4	Plot C Basement 13.4	86.00000	-26.60377	13.40000	0.34258	12.624	-0.016709	-3.3236	17.982E-6
4	Plot C Basement 13.4	90.00000	-26.60377	13.40000	0.25145	12.624	-0.016706	-3.4787	18.853E-6
4	Plot C Basement 13.4	94.00000	-26.60377	13.40000	0.13250	12.624	-0.016293	-3.6285	19.697E-6
4	Plot C Basement 13.4	98.00000	-26.60377	13.40000	-0.02056	12.624	-0.015461	-3.7752	20.543E-6
4	Plot C Basement 13.4	102.00000	-26.60377	13.40000	-0.21389	12.624	-0.014279	-3.9273	21.431E-6
4	Plot C Basement 13.4	106.00000	-26.60377	13.40000	-0.45282	12.624	-0.012882	-4.0943	22.409E-6
4	Plot C Basement 13.4	110.00000	-26.60377	13.40000	-0.74211	12.624	-0.011446	-4.2864	23.529E-6
4	Plot C Basement 13.4	114.00000	-26.60377	13.40000	-1.08761	12.624	-0.010138	-4.5156	24.852E-6
4	Plot C Basement 13.4	118.00000	-26.60377	13.40000	-1.49739	12.624	-0.0090969	-4.7966	26.454E-6
4	Plot C Basement 13.4	122.00000	-26.60377	13.40000	-1.97927	12.624	-0.0084172	-5.1422	28.405E-6
4	Plot C Basement 13.4	126.00000	-26.60377	13.40000	-2.53845	12.624	-0.0081280	-5.5599	30.745E-6
4	Plot C Basement 13.4	130.00000	-26.60377	13.40000	-3.18720	12.624	-0.0083002	-6.0684	33.576E-6
4	Plot C Basement 13.4	134.00000	-26.60377	13.40000	-3.96082	12.624	-0.0093876	-6.7375	37.272E-6
4	Plot C Basement 13.4	138.00000	-26.60377	13.40000	-4.89623	12.624	-0.012393	-7.6701	42.374E-6
4	Plot C Basement 13.4	142.00000	-26.60377	13.40000	-5.95558	12.624	-0.017233	-8.8178	48.615E-6
4	Plot C Basement 13.4	146.00000	-26.60377	13.40000	-7.05666	12.624	-0.022121	-9.9715	54.918E-6
4	Plot C Basement 13.4	150.00000	-26.60377	13.40000	-8.36676	12.624	-0.031514	-11.702	64.284E-6
4	Plot C Basement 13.4	154.00000	-26.60377	13.40000	-10.41039	12.624	-0.12045	-16.892	90.206E-6
4	Plot C Basement 13.4	158.00000	-26.60377	13.40000	-13.35456	12.624	-1.2318	-34.012	148.51E-6
4	Plot C Basement 13.4	162.00000	-26.60377	13.40000	-13.80843	12.624	-0.53486	-30.456	152.00E-6
4	Plot C Basement 13.4	166.00000	-26.60377	13.40000	-13.73785	12.624	-0.27200	-23.557	122.31E-6
4	Plot C Basement 13.4	170.00000	-26.60377	13.40000	-9.84624	12.624	-0.10710	-16.352	87.638E-6
4	Plot C Basement 13.4	174.00000	-26.60377	13.40000	-7.23601	12.624	-0.044065	-11.105	60.479E-6
4	Plot C Basement 13.4	178.00000	-26.60377	13.40000	-4.91903	12.624	-0.018963	-7.5214	41.325E-6
4	Plot C Basement 13.4	182.00000	-26.60377	13.40000	-3.09562	12.624	-0.0081203	-5.1606	28.518E-6
4	Plot C Basement 13.4	186.00000	-26.60377	13.40000	-1.78944	12.624	-0.0037270	-3.6885	20.425E-6
4	Plot C Basement 13.4	190.00000	-26.60377	13.40000	-0.91155	12.624	-0.0019473	-2.7661	15.366E-6
4	Plot C Basement 13.4	194.00000	-26.60377	13.40000	-0.32961	12.624	-0.0011542	-2.1599	12.011E-6
4	Plot C Basement 13.4	198.00000	-26.60377	13.40000	0.04858	12.624	-756.06E-6	-1.7397	9.6798E-6
4	Plot C Basement 13.4	202.00000	-26.60377	13.40000	0.28974	12.624	-533.43E-6	-1.4346	7.9854E-6
4	Plot C Basement 13.4	206.00000	-26.60377	13.40000	0.43885	12.624	-397.42E-6	-1.2049	6.7083E-6
4	Plot C Basement 13.4	210.00000	-26.60377	13.40000	0.52614	12.624	-308.21E-6	-1.0267	5.7173E-6
4	Plot C Basement 13.4	214.00000	-26.60377	13.40000	0.57198	12.624	-246.30E-6	-0.88524	4.9302E-6
4	Plot C Basement 13.4	218.00000	-26.60377	13.40000	0.59020	12.624	-201.36E-6	-0.77074	4.2930E-6
4	Plot C Basement 13.4	222.00000	-26.60377	13.40000	0.59020	12.624	-167.55E-6	-0.67659	3.7689E-6
4	Plot C Basement 13.4	226.00000	-26.60377	13.40000	0.57841	12.624	-141.37E-6	-0.59815	3.3322E-6
4	Plot C Basement 13.4	230.00000	-26.60377	13.40000	0.55920	12.624	-120.62E-6	-0.53206	2.9641E-6
4	Plot C Basement 13.4	234.00000	-26.60377	13.40000	0.53560	12.624	-103.87E-6	-0.47582	2.6510E-6
4	Plot C Basement 13.4	238.00000	-26.60377	13.40000	0.50963	12.624	-90.131E-6	-0.42758	2.3823E-6
4	Plot C Basement 13.4	242.00000	-26.60377	13.40000	0.48267	12.624	-78.721E-6	-0.38588	2.1501E-6
4	Plot C Basement 13.4	246.00000	-26.60377	13.40000	0.45655	12.624	-69.142E-6	-0.34961	1.9400E-6
4	Plot C Basement 13.4	250.00000	-26.60377	13.40000	0.42917	12.624	-61.027E-6	-0.31787	1.7713E-6
4	Plot C Basement 13.4	-30.00000	-22.64151	13.40000	0.21588	12.624	-379.06E-6	-0.26236	1.4509E-6
4	Plot C Basement 13.4	-26.00000	-22.64151	13.40000	0.22890	12.624	-441.90E-6	-0.28541	1.5774E-6
4	Plot C Basement 13.4	-22.00000	-22.64151	13.40000	0.24277	12.624	-517.00E-6	-0.31113	1.7184E-6
4	Plot C Basement 13.4	-18.00000	-22.64151	13.40000	0.25752	12.624	-607.03E-6	-0.33989	1.8758E-6
4	Plot C Basement 13.4	-14.00000	-22.64151	13.40000	0.27317	12.624	-715.30E-6	-0.37211	2.0519E-6
4	Plot C Basement 13.4	-10.00000	-22.64151	13.40000	0.28973	12.624	-845.91E-6	-0.40829	2.2494E-6
4	Plot C Basement 13.4	-6.00000	-22.64151	13.40000	0.30719	12.624	-0.0010039	-0.44899	2.4711E-6
4	Plot C Basement 13.4	2.00000	-22.64151	13.40000	0.32550	12.624	-0.0011953	-0.49485	2.7206E-6
4	Plot C Basement 13.4	6.00000	-22.64151	13.40000	0.34460	12.624	-0.0014278	-0.5462	3.0016E-6
4	Plot C Basement 13.4	10.00000	-22.64151	13.40000	0.36437	12.624	-0.0017104	-0.60512	3.3185E-6
4	Plot C Basement 13.4	14.00000	-22.64151	13.40000	0.38467	12.624	-0.0020539	-0.67129	3.6761E-6
4	Plot C Basement 13.4	18.00000	-22.64151	13.40000	0.40525	12.624	-0.0024710	-0.74616	4.0799E-6
4	Plot C Basement 13.4	22.00000	-22.64151	13.40000	0.42584	12.624	-0.0029761	-0.83087	4.5355E-6
4	Plot C Basement 13.4	26.00000	-22.64151	13.40000	0.44605	12.624	-0.0035851	-0.92661	5.0492E-6
4	Plot C Basement 13.4	30.00000	-22.64151	13.40000	0.46542	12.624	-0.0043143	-1.0346	5.6273E-6
4	Plot C Basement 13.4	34.00000	-22.64151	13.40000	0.48340	12.624	-0.0051794	-1.1561	6.2760E-6
4	Plot C Basement 13.4	38.00000	-22.64151	13.40000	0.49934	12.624	-0.0061929	-1.2921	7.0010E-6
4	Plot C Basement 13.4	42.00000	-22.64151	13.40000	0.51252	12.624	-0.0073619	-1.4436	7.8072E-6
4	Plot C Basement 13.4	46.00000	-22.64151	13.40000	0.52216	12.624	-0.008685	-1.6112	8.6978E-6
4	Plot C Basement 13.4	50.00000	-22.64151	13.40000	0.52742	12.624	-0.010151	-1.7951</	



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]	
		[m]	[m]	[mOD]	[mm]					
4	Plot C Basement	13.4	230.00000	-22.64151	13.40000	0.57396	12.624	-128.47E-6	-0.56111	3.1259E-6
4	Plot C Basement	13.4	234.00000	-22.64151	13.40000	0.55059	12.624	-110.10E-6	-0.49993	2.7852E-6
4	Plot C Basement	13.4	238.00000	-22.64151	13.40000	0.52426	12.624	-95.156E-6	-0.44774	2.4946E-6
4	Plot C Basement	13.4	242.00000	-22.64151	13.40000	0.49660	12.624	-82.817E-6	-0.40288	2.2448E-6
4	Plot C Basement	13.4	246.00000	-22.64151	13.40000	0.46870	12.624	-72.516E-6	-0.36403	2.0284E-6
4	Plot C Basement	13.4	250.00000	-22.64151	13.40000	0.44051	12.624	-63.829E-6	-0.33018	1.8398E-6
4	Plot C Basement	13.4	-30.00000	-18.67925	13.40000	0.22019	12.624	-411.53E-6	-0.27221	1.5048E-6
4	Plot C Basement	13.4	-26.00000	-18.67925	13.40000	0.23362	12.624	-482.36E-6	-0.29683	1.6398E-6
4	Plot C Basement	13.4	-22.00000	-18.67925	13.40000	0.24792	12.624	-567.69E-6	-0.32443	1.7909E-6
4	Plot C Basement	13.4	-18.00000	-18.67925	13.40000	0.26312	12.624	-670.89E-6	-0.35543	1.9604E-6
4	Plot C Basement	13.4	-14.00000	-18.67925	13.40000	0.27924	12.624	-796.21E-6	-0.39035	2.1510E-6
4	Plot C Basement	13.4	-10.00000	-18.67925	13.40000	0.29628	12.624	-948.99E-6	-0.42978	2.3658E-6
4	Plot C Basement	13.4	-6.00000	-18.67925	13.40000	0.31419	12.624	-0.0011359	-0.47441	2.6086E-6
4	Plot C Basement	13.4	-2.00000	-18.67925	13.40000	0.33292	12.624	-0.0013654	-0.52506	2.8834E-6
4	Plot C Basement	13.4	2.00000	-18.67925	13.40000	0.35236	12.624	-0.0016480	-0.58265	3.1952E-6
4	Plot C Basement	13.4	6.00000	-18.67925	13.40000	0.37234	12.624	-0.0019968	-0.64827	3.5494E-6
4	Plot C Basement	13.4	10.00000	-18.67925	13.40000	0.39262	12.624	-0.0024280	-0.72316	3.9530E-6
4	Plot C Basement	13.4	14.00000	-18.67925	13.40000	0.41289	12.624	-0.0029613	-0.80873	4.4125E-6
4	Plot C Basement	13.4	18.00000	-18.67925	13.40000	0.43271	12.624	-0.0036201	-0.90657	4.9363E-6
4	Plot C Basement	13.4	22.00000	-18.67925	13.40000	0.45153	12.624	-0.0044314	-1.0184	5.5330E-6
4	Plot C Basement	13.4	26.00000	-18.67925	13.40000	0.46866	12.624	-0.0054252	-1.1461	6.2121E-6
4	Plot C Basement	13.4	30.00000	-18.67925	13.40000	0.48328	12.624	-0.0066322	-1.2916	6.9832E-6
4	Plot C Basement	13.4	34.00000	-18.67925	13.40000	0.49442	12.624	-0.0080807	-1.4567	7.8559E-6
4	Plot C Basement	13.4	38.00000	-18.67925	13.40000	0.50100	12.624	-0.0097912	-1.6431	8.8388E-6
4	Plot C Basement	13.4	42.00000	-18.67925	13.40000	0.50182	12.624	-0.011771	-1.8522	9.9390E-6
4	Plot C Basement	13.4	46.00000	-18.67925	13.40000	0.49645	12.624	-0.014010	-2.0847	1.1161E-5
4	Plot C Basement	13.4	50.00000	-18.67925	13.40000	0.48120	12.624	-0.016478	-2.3406	1.2506E-5
4	Plot C Basement	13.4	54.00000	-18.67925	13.40000	0.45719	12.624	-0.019130	-2.6190	1.3970E-5
4	Plot C Basement	13.4	58.00000	-18.67925	13.40000	0.42235	12.624	-0.021920	-2.9180	1.5545E-5
4	Plot C Basement	13.4	62.00000	-18.67925	13.40000	0.37553	12.624	-0.024881	-3.2347	1.7215E-5
4	Plot C Basement	13.4	66.00000	-18.67925	13.40000	0.31461	12.624	-0.027782	-3.5651	1.8989E-5
4	Plot C Basement	13.4	70.00000	-18.67925	13.40000	0.23831	12.624	-0.030825	-3.9045	2.0750E-5
4	Plot C Basement	13.4	74.00000	-18.67925	13.40000	0.14388	12.624	-0.033917	-4.2469	2.2557E-5
4	Plot C Basement	13.4	78.00000	-18.67925	13.40000	0.02770	12.624	-0.036983	-4.5857	2.4344E-5
4	Plot C Basement	13.4	82.00000	-18.67925	13.40000	-0.11543	12.624	-0.039848	-4.9134	2.6107E-5
4	Plot C Basement	13.4	86.00000	-18.67925	13.40000	-0.29314	12.624	-0.042186	-5.2231	2.7726E-5
4	Plot C Basement	13.4	90.00000	-18.67925	13.40000	-0.51646	12.624	-0.043508	-5.5105	2.9285E-5
4	Plot C Basement	13.4	94.00000	-18.67925	13.40000	-0.80101	12.624	-0.043246	-5.7785	3.0789E-5
4	Plot C Basement	13.4	98.00000	-18.67925	13.40000	-1.16715	12.624	-0.041020	-6.0436	3.2342E-5
4	Plot C Basement	13.4	102.00000	-18.67925	13.40000	-1.63691	12.624	-0.037027	-6.3385	3.4121E-5
4	Plot C Basement	13.4	106.00000	-18.67925	13.40000	-2.22573	12.624	-0.032145	-6.7032	3.6139E-5
4	Plot C Basement	13.4	110.00000	-18.67925	13.40000	-2.93499	12.624	-0.027452	-7.1638	3.9045E-5
4	Plot C Basement	13.4	114.00000	-18.67925	13.40000	-3.76735	12.624	-0.023751	-7.7455	4.2155E-5
4	Plot C Basement	13.4	118.00000	-18.67925	13.40000	-4.76978	12.624	-0.022104	-8.5611	4.7020E-5
4	Plot C Basement	13.4	122.00000	-18.67925	13.40000	-6.03005	12.624	-0.025100	-9.8560	5.4143E-5
4	Plot C Basement	13.4	126.00000	-18.67925	13.40000	-7.53868	12.624	-0.034921	-11.692	6.4057E-5
4	Plot C Basement	13.4	130.00000	-18.67925	13.40000	-9.10582	12.624	-0.040848	-13.403	7.3401E-5
4	Plot C Basement	13.4	134.00000	-18.67925	13.40000	-10.92258	12.624	-0.049443	-15.546	8.5072E-5
4	Plot C Basement	13.4	138.00000	-18.67925	13.40000	-14.00710	12.624	-0.19356	-23.203	1.2297E-4
4	Plot C Basement	13.4	142.00000	-18.67925	13.40000	-18.6887	12.624	-0.30687	-35.561	0.000197
4	Plot C Basement	13.4	146.00000	-18.67925	13.40000	-23.23738	12.624	-0.53499	-78.539	0.00078E-4
4	Plot C Basement	13.4	150.00000	-18.67925	13.40000	-23.48155	12.624	-0.85217	-48.651	0.00248E-4
4	Plot C Basement	13.4	154.00000	-18.67925	13.40000	-29.19910	12.624	-5.9785	-94.720	0.00323E-4
4	Plot C Basement	13.4	158.00000	-18.67925	13.40000	-48.14991	12.624	-170.97	-457.05	-0.0031730
4	Plot C Basement	13.4	162.00000	-18.67925	13.40000	-81.69925	12.624	-171.79	-475.41	-0.0030999
4	Plot C Basement	13.4	166.00000	-18.67925	13.40000	-49.27020	12.624	-171.64	-470.00	-0.0031232
4	Plot C Basement	13.4	170.00000	-18.67925	13.40000	-43.50756	12.624	-170.04	-442.36	-0.0032239
4	Plot C Basement	13.4	174.00000	-18.67925	13.40000	-30.95163	12.624	-116.86	-286.75	-0.0032120
4	Plot C Basement	13.4	178.00000	-18.67925	13.40000	-13.97418	12.624	-2.6730	-44.992	-0.1653E-4
4	Plot C Basement	13.4	182.00000	-18.67925	13.40000	-11.353	12.624	-0.061905	-98.987	0.00012607
4	Plot C Basement	13.4	186.00000	-18.67925	13.40000	-3.75676	12.624	-0.010839	-5.9879	3.0422E-6
4	Plot C Basement	13.4	190.00000	-18.67925	13.40000	-1.98125	12.624	-0.0038334	-3.9382	2.1841E-6
4	Plot C Basement	13.4	194.00000	-18.67925	13.40000	-0.93180	12.624	-0.0018688	-2.8612	1.5595E-6
4	Plot C Basement	13.4	198.00000	-18.67925	13.40000	-0.29193	12.624	-0.0010924	-2.2008	1.2241E-6
4	Plot C Basement	13.4	202.00000	-18.67925	13.40000	0.31627	12.624	-0.016166	-1.7572	9.7788E-7
4	Plot C Basement	13.4	206.00000	-18.67925	13.40000	0.34160	12.624	-507.76E-6	-1.4405	8.0192E-6
4	Plot C Basement	13.4	210.00000	-18.67925	13.40000	0.48351	12.624	-379.97E-6	-1.2044	6.7065E-6
4	Plot C Basement	13.4	214.00000	-18.67925	13.40000	0.56212	12.624	-295.70E-6	-1.0226	5.6956E-6
4	Plot C Basement	13.4	218.00000	-18.67925	13.40000	0.59967	12.624	-236.87E-6	-0.87905	4.8960E-6
4	Plot C Basement	13.4	222.00000	-18.67925	13.40000	0.61065	12.624	-193.95E-6	-0.76333	4.2519E-6
4	Plot C Basement	13.4	226.00000	-18.67925	13.40000	0.60463	12.624	-161.52E-6	-0.66854	3.7241E-6
4	Plot C Basement	13.4	230.00000	-18.67925	13.40000	0.58796	12.624	-136.33E-6	-0.58981	3.2858E-6
4	Plot C Basement	13.4	234.00000	-18.67925	13.40000	0.56490	12.624	-116.33E-6	-0.52367	2.9175E-6
4	Plot C Basement	13.4	238.00000	-18.67925	13.40000	0.53827	12.624	-100.16E-6	-0.46756	2.6050E-6
4	Plot C Basement	13.4	242.00000	-18.67925	13.40000	0.50987	12.624	-86.886E-6	-0.41953	2.3357E-6
4	Plot C Basement	13.4	246.00000	-18.67925	13.40000	0.48124	12.624	-75.857E-6	-0.37813	2.1069E-6
4	Plot C Basement	13.4	250.00000	-18.67925	13.40000	0.45289	12.624	-66.598E-6	-0.34219	1.9067E-6
4	Plot C Basement	13.4	-30.00000	-14.71698	13.40000	0.22430	12.624	-454.33E-6	-0.28194	1.5579E-6
4	Plot C Basement	13.4	-26.00000	-14.71698	13.40000	0.23810	12.624	-524.81E-6	-0.30817	1.7016E-6
4	Plot C Basement	13.4	-22.00000	-14.71698	13.40000	0.25280	12.624	-621.30E-6	-0.33769	1.7951E-6
4	Plot C Basement	13.4	-18.00000	-14.71698	13.40000	0.26843	12.624	-739.10E-6	-0.37101	2.0450E-6
4	Plot C Basement	13.4	-14.00000	-14.71698	13.40000	0.28498	12.624	-883.51E-6	-0.40875	2.2507E-6
4	Plot C Basement	13.4	-10.00000	-14.71698	13.40000	0.30244	12.624	-0.0010615	-0.45160	2.4838E-6
4	Plot C Basement	13.4	-6.00000	-14.71698	13.40000	0.32074	12.624	-0.0012818	-0.50042	2.7488E-6
4	Plot C Basement	13.4	-2.00000	-14.71698	13.40000	0.33979	12.624	-0.0015559	-0.55621	3.0508E-6
4	Plot C Basement	13.4	2.00000	-14.71698	13.40000	0.35944	12.624	-0.0018985	-0.62014	3.3960E-6
4	Plot C Basement	13.4	6.00000	-14.71698	13.40000	0.37944	12.624	-0.0023282	-0.69362	3.7916E-6
4	Plot C Basement	13.4	10.00000	-14.71698	13.40000	0.39945	12.624	-0.0028690	-0.77827	4.2457E-6
4	Plot C Basement	13.4	14.00000	-14.71698	13.40000	0.41901	12.624	-0.0035512	-0.87601	4.7681E-6
4	Plot C Basement	13.4	18.00000	-14.71698	13.40000	0.43750	12.624	-0.0044127	-1.08904	5.3691E-6
4	Plot C Basement	13.4	22.00000	-14.71698	13.40000	0.45413	12.624	-0.0054992	-1.1199	6.0633E-6
4	Plot C Basement	13.4	26.00000	-14.71698	13.40000	0.46788	12.624	-0.0068648	-1.2713	6.8622E-6
4	Plot C Basement	13.4	30.00000	-14.71698	13.40000	0.47753	12.624	-0.0085694	-1.4463	7.7813E-6



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	226.00000	-14.71698	13.40000	0.61653	12.624	-171.51E-6	-0.70273	3.9146E-6
4	Plot C Basement 13.4	230.00000	-14.71698	13.40000	0.60120	12.624	-144.10E-6	-0.61778	3.4415E-6
4	Plot C Basement 13.4	234.00000	-14.71698	13.40000	0.57849	12.624	-122.47E-6	-0.54676	3.0461E-6
4	Plot C Basement 13.4	238.00000	-14.71698	13.40000	0.55161	12.624	-105.08E-6	-0.48678	2.7121E-6
4	Plot C Basement 13.4	242.00000	-14.71698	13.40000	0.52270	12.624	-90.883E-6	-0.43566	2.4274E-6
4	Plot C Basement 13.4	246.00000	-14.71698	13.40000	0.49318	12.624	-78.138E-6	-0.39175	2.1828E-6
4	Plot C Basement 13.4	250.00000	-14.71698	13.40000	0.46396	12.624	-69.308E-6	-0.35376	1.9712E-6
4	Plot C Basement 13.4	-30.00000	-10.75472	13.40000	0.22815	12.624	-480.14E-6	-0.29146	1.6099E-6
4	Plot C Basement 13.4	-26.00000	-10.75472	13.40000	0.24231	12.624	-568.86E-6	-0.31931	1.7623E-6
4	Plot C Basement 13.4	-22.00000	-10.75472	13.40000	0.25739	12.624	-677.45E-6	-0.35079	1.9342E-6
4	Plot C Basement 13.4	-18.00000	-10.75472	13.40000	0.45340	12.624	-811.13E-6	-0.38649	2.1290E-6
4	Plot C Basement 13.4	-14.00000	-10.75472	13.40000	0.29034	12.624	-976.65E-6	-0.42713	2.3501E-6
4	Plot C Basement 13.4	-10.00000	-10.75472	13.40000	0.30816	12.624	-0.0011828	-0.47355	2.6022E-6
4	Plot C Basement 13.4	-6.00000	-10.75472	13.40000	0.32677	12.624	-0.0014413	-0.52678	2.8905E-6
4	Plot C Basement 13.4	-2.00000	-10.75472	13.40000	0.34605	12.624	-0.0017671	-0.58804	3.2213E-6
4	Plot C Basement 13.4	158.00000	-10.75472	13.40000	0.36575	12.624	-0.0021805	-0.65881	3.6023E-6
4	Plot C Basement 13.4	6.00000	-10.75472	13.40000	0.38556	12.624	-0.0027080	-0.74087	4.0424E-6
4	Plot C Basement 13.4	10.00000	-10.75472	13.40000	0.40499	12.624	-0.0033846	-0.83635	4.5524E-6
4	Plot C Basement 13.4	14.00000	-10.75472	13.40000	0.42341	12.624	-0.0042566	-0.94782	5.1451E-6
4	Plot C Basement 13.4	18.00000	-10.75472	13.40000	0.43999	12.624	-0.0053841	-1.07983	5.8334E-6
4	Plot C Basement 13.4	22.00000	-10.75472	13.40000	0.45340	12.624	-0.0068445	-1.2315	6.6408E-6
4	Plot C Basement 13.4	26.00000	-10.75472	13.40000	0.46236	12.624	-0.0087345	-1.4113	7.5810E-6
4	Plot C Basement 13.4	30.00000	-10.75472	13.40000	0.46499	12.624	-0.011170	-1.6227	8.6785E-6
4	Plot C Basement 13.4	34.00000	-10.75472	13.40000	0.45909	12.624	-0.014280	-1.8705	9.9571E-6
4	Plot C Basement 13.4	38.00000	-10.75472	13.40000	0.44210	12.624	-0.018193	-2.1602	11.442E-6
4	Plot C Basement 13.4	42.00000	-10.75472	13.40000	0.41119	12.624	-0.023009	-2.4986	13.158E-6
4	Plot C Basement 13.4	46.00000	-10.75472	13.40000	0.36335	12.624	-0.028764	-2.8841	15.127E-6
4	Plot C Basement 13.4	50.00000	-10.75472	13.40000	0.29553	12.624	-0.035413	-3.3256	17.367E-6
4	Plot C Basement 13.4	54.00000	-10.75472	13.40000	0.20480	12.624	-0.042832	-3.8224	19.890E-6
4	Plot C Basement 13.4	58.00000	-10.75472	13.40000	0.08862	12.624	-0.050887	-4.3738	22.696E-6
4	Plot C Basement 13.4	62.00000	-10.75472	13.40000	-0.05617	12.624	-0.057593	-4.9722	25.772E-6
4	Plot C Basement 13.4	66.00000	-10.75472	13.40000	-0.23156	12.624	-0.069107	-5.6282	29.085E-6
4	Plot C Basement 13.4	70.00000	-10.75472	13.40000	-0.44077	12.624	-0.079840	-6.3206	32.588E-6
4	Plot C Basement 13.4	74.00000	-10.75472	13.40000	-0.68794	12.624	-0.092316	-7.0462	36.218E-6
4	Plot C Basement 13.4	78.00000	-10.75472	13.40000	-0.97393	12.624	-0.10702	-7.7940	39.838E-6
4	Plot C Basement 13.4	82.00000	-10.75472	13.40000	-1.32337	12.624	-0.12412	-8.5480	43.532E-6
4	Plot C Basement 13.4	86.00000	-10.75472	13.40000	-1.73436	12.624	-0.14297	-9.2840	47.007E-6
4	Plot C Basement 13.4	90.00000	-10.75472	13.40000	-2.23403	12.624	-0.16108	-9.9689	50.222E-6
4	Plot C Basement 13.4	94.00000	-10.75472	13.40000	-2.86059	12.624	-0.17270	-10.573	53.201E-6
4	Plot C Basement 13.4	98.00000	-10.75472	13.40000	-3.68410	12.624	-0.16889	-11.122	56.392E-6
4	Plot C Basement 13.4	102.00000	-10.75472	13.40000	-4.82670	12.624	-0.14590	-11.834	61.134E-6
4	Plot C Basement 13.4	106.00000	-10.75472	13.40000	-6.45045	12.624	-0.11968	-13.284	70.103E-6
4	Plot C Basement 13.4	110.00000	-10.75472	13.40000	-8.58196	12.624	-0.12076	-16.100	85.773E-6
4	Plot C Basement 13.4	114.00000	-10.75472	13.40000	-10.73673	12.624	-0.12025	-18.589	99.677E-6
4	Plot C Basement 13.4	118.00000	-10.75472	13.40000	-12.86734	12.624	-0.10114	-22.344	110.10E-6
4	Plot C Basement 13.4	122.00000	-10.75472	13.40000	-16.50169	12.624	-0.72659	-29.235	153.96E-6
4	Plot C Basement 13.4	126.00000	-10.75472	13.40000	-28.06152	12.624	-60.876	-196.41	941.93E-6
4	Plot C Basement 13.4	130.00000	-10.75472	13.40000	-37.69011	12.624	-139.68	-334.26	-0.0028108
4	Plot C Basement 13.4	134.00000	-10.75472	13.40000	-31.28091	12.624	-10.370	-113.94	288.54E-6
4	Plot C Basement 13.4	138.00000	-10.75472	13.40000	-23.09667	12.624	7.7333	-117.41	396.12E-6
4	Plot C Basement 13.4	142.00000	-10.75472	13.40000	-53.83907	12.624	-17.113	467.02	-0.0031228
4	Plot C Basement 13.4	146.00000	-10.75472	13.40000	-58.52264	12.624	-171.89	-486.67	-0.0030385
4	Plot C Basement 13.4	150.00000	-10.75472	13.40000	-60.25920	12.624	-171.87	-488.45	-0.0030281
4	Plot C Basement 13.4	154.00000	-10.75472	13.40000	-61.56716	12.624	-171.87	-490.31	-0.0030177
4	Plot C Basement 13.4	158.00000	-10.75472	13.40000	-62.70188	12.624	-171.96	-494.21	-0.0029947
4	Plot C Basement 13.4	162.00000	-10.75472	13.40000	-62.50158	12.624	-171.98	-495.01	-0.0029949
4	Plot C Basement 13.4	166.00000	-10.75472	13.40000	-60.40701	12.624	-171.97	-492.51	-0.0030086
4	Plot C Basement 13.4	170.00000	-10.75472	13.40000	-55.48081	12.624	-171.87	-483.32	-0.0030564
4	Plot C Basement 13.4	174.00000	-10.75472	13.40000	-43.70608	12.624	-164.32	-411.38	-0.0032052
4	Plot C Basement 13.4	178.00000	-10.75472	13.40000	-31.81244	12.624	-87.976	-42.530	208.01E-6
4	Plot C Basement 13.4	182.00000	-10.75472	13.40000	-9.90444	12.624	-0.065738	-14.764	80.161E-6
4	Plot C Basement 13.4	186.00000	-10.75472	13.40000	-5.42048	12.624	-0.014762	-7.8133	43.094E-6
4	Plot C Basement 13.4	190.00000	-10.75472	13.40000	-2.93744	12.624	-0.0052722	-4.9758	27.582E-6
4	Plot C Basement 13.4	194.00000	-10.75472	13.40000	-1.48641	12.624	-0.0024881	-3.5099	19.498E-6
4	Plot C Basement 13.4	198.00000	-10.75472	13.40000	-0.61209	12.624	-0.0013993	-2.6364	14.661E-6
4	Plot C Basement 13.4	202.00000	-10.75472	13.40000	-0.07840	12.624	-888.86E-6	-2.0651	11.491E-6
4	Plot C Basement 13.4	206.00000	-10.75472	13.40000	0.24644	12.624	-613.75E-6	-1.6665	9.2766E-6
4	Plot C Basement 13.4	210.00000	-10.75472	13.40000	0.44007	12.624	-449.68E-6	-1.3752	7.6567E-6
4	Plot C Basement 13.4	214.00000	-10.75472	13.40000	0.55004	12.624	-343.97E-6	-1.1546	6.4295E-6
4	Plot C Basement 13.4	218.00000	-10.75472	13.40000	0.60627	12.624	-271.66E-6	-0.88295	5.4739E-6
4	Plot C Basement 13.4	222.00000	-10.75472	13.40000	0.62799	12.624	-219.81E-6	-0.84623	4.7135E-6
4	Plot C Basement 13.4	226.00000	-10.75472	13.40000	0.62772	12.624	-181.23E-6	-0.73558	4.0975E-6
4	Plot C Basement 13.4	230.00000	-10.75472	13.40000	0.61367	12.624	-151.66E-6	-0.64462	3.5910E-6
4	Plot C Basement 13.4	234.00000	-10.75472	13.40000	0.59129	12.624	-128.45E-6	-0.56890	3.1694E-6
4	Plot C Basement 13.4	238.00000	-10.75472	13.40000	0.56418	12.624	-99.87E-6	-0.50519	2.8146E-6
4	Plot C Basement 13.4	242.00000	-10.75472	13.40000	0.53471	12.624	-94.765E-6	-0.45108	2.5133E-6
4	Plot C Basement 13.4	246.00000	-10.75472	13.40000	0.50445	12.624	-82.312E-6	-0.40476	2.2552E-6
4	Plot C Basement 13.4	250.00000	-10.75472	13.40000	0.47440	12.624	-71.933E-6	-0.36480	2.0327E-6
4	Plot C Basement 13.4	-30.00000	-6.79245	13.40000	0.23174	12.624	-515.55E-6	-0.30666	1.6600E-6
4	Plot C Basement 13.4	-26.00000	-6.79245	13.40000	0.24644	12.624	-613.75E-6	-1.6665	9.2766E-6
4	Plot C Basement 13.4	-22.00000	-6.79245	13.40000	0.26165	12.624	-735.43E-6	-0.36357	2.0036E-6
4	Plot C Basement 13.4	-18.00000	-6.79245	13.40000	0.27801	12.624	-886.22E-6	-0.40168	2.2112E-6
4	Plot C Basement 13.4	-14.00000	-6.79245	13.40000	0.29528	12.624	-0.0010747	-0.44528	2.4481E-6
4	Plot C Basement 13.4	-10.00000	-6.79245	13.40000	0.31340	12.624	-0.0013121	-0.49537	2.7196E-6
4	Plot C Basement 13.4	-6.00000	-6.79245	13.40000	0.33225	12.624	-0.0016133	-0.55318	3.0320E-6
4	Plot C Basement 13.4	-2.00000	-6.79245	13.40000	0.35163	12.624	-0.0019983	-0.62019	3.3929E-6
4	Plot C Basement 13.4	2.00000	-6.79245	13.40000	0.37124	12.624	-0.0024943	-0.69823	3.8117E-6
4	Plot C Basement 13.4	6.00000	-6.79245	13.40000	0.39062	12.624	-0.0031383	-0.78955	4.2996E-6
4	Plot C Basement 13.4	10.00000	-6.79245	13.40000	0.40915	12.624	-0.0039810	-0.89692	4.8703E-6
4	Plot C Basement 13.4	14.00000	-6.79245	13.40000	0.42892	12.624	-0.0050918	-1.0297	5.5406E-6
4	Plot C Basement 13.4	18.00000	-6.79245	13.40000	0.43973	12.624	-0.0065656	-1.1742	6.3305E-6
4	Plot C Basement 13.4	22.00000	-6.79245	13.40000	0.44894	12.624	-0.0085313	-1.3533	7.2640E-6
4	Plot C Basement 13.4	26.00000	-6.79245	13.40000	0.45144	12.624	-0.011161	-1.5673	8.3696E-6
4	Plot C Basement 13.4	30.00000	-6.79245	13.40000	0.44452	12.624	-0.014677	-1.8233	9.6803E-6
4	Plot C Basement 13.4	34.00000	-6.79245	13.40000	0.42488	12.624	-0.019353	-2.1297	11.233E-6
4	Plot C Basement 13.4	38.00000	-6.79245	13.40000	0.38855	12.624	-0.025494	-2.4957	13.069E-6
4	Plot C Basement 13.4	42.00000							



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain	
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]	
4	Plot C Basement	13.4	222.00000	-6.79245	13.40000	0.63593	12.624	-231.97E-6	-0.88457	4.9270E-6
4	Plot C Basement	13.4	226.00000	-6.79245	13.40000	0.63820	12.624	-190.54E-6	-0.76660	4.2702E-6
4	Plot C Basement	13.4	230.00000	-6.79245	13.40000	0.62532	12.624	-158.91E-6	-0.66996	3.7322E-6
4	Plot C Basement	13.4	234.00000	-6.79245	13.40000	0.60324	12.624	-134.19E-6	-0.58980	3.2858E-6
4	Plot C Basement	13.4	238.00000	-6.79245	13.40000	0.57591	12.624	-114.47E-6	-0.52255	2.9113E-6
4	Plot C Basement	13.4	242.00000	-6.79245	13.40000	0.54721	12.624	-98.48E-6	-0.46561	2.5942E-6
4	Plot C Basement	13.4	246.00000	-6.79245	13.40000	0.51495	12.624	-85.35E-6	-0.41700	2.2324E-6
4	Plot C Basement	13.4	250.00000	-6.79245	13.40000	0.48412	12.624	-74.445E-6	-0.37517	2.0905E-6
4	Plot C Basement	13.4	-30.00000	-2.83019	13.40000	0.23504	12.624	-551.04E-6	-0.30945	1.7079E-6
4	Plot C Basement	13.4	-26.00000	-2.83019	13.40000	0.24982	12.624	-659.56E-6	-0.34050	1.8775E-6
4	Plot C Basement	13.4	-22.00000	-2.83019	13.40000	0.26555	12.624	-794.42E-6	-0.37588	2.0703E-6
4	Plot C Basement	13.4	-18.00000	-2.83019	13.40000	0.28221	12.624	-963.30E-6	-0.41639	2.2906E-6
4	Plot C Basement	13.4	-14.00000	-2.83019	13.40000	0.29976	12.624	-0.0011764	-0.46295	2.5433E-6
4	Plot C Basement	13.4	-10.00000	-2.83019	13.40000	0.31812	12.624	-0.0014477	-0.51676	2.8344E-6
4	Plot C Basement	13.4	-6.00000	-2.83019	13.40000	0.33712	12.624	-0.0017960	-0.57924	3.1713E-6
4	Plot C Basement	13.4	152.00000	-2.83019	13.40000	-6.39649	12.624	-0.0022472	-0.65220	3.5613E-6
4	Plot C Basement	13.4	2.00000	-2.83019	13.40000	0.37585	12.624	-0.0028377	-0.73786	4.0213E-6
4	Plot C Basement	13.4	6.00000	-2.83019	13.40000	0.39459	12.624	-0.0036182	-0.83903	4.5596E-6
4	Plot C Basement	13.4	10.00000	-2.83019	13.40000	0.41187	12.624	-0.0046605	-0.95924	5.1953E-6
4	Plot C Basement	13.4	14.00000	-2.83019	13.40000	0.42649	12.624	-0.0060672	-1.1029	5.9499E-6
4	Plot C Basement	13.4	18.00000	-2.83019	13.40000	0.43679	12.624	-0.0079854	-1.2758	6.8500E-6
4	Plot C Basement	13.4	22.00000	-2.83019	13.40000	0.44050	12.624	-0.010626	-1.4849	7.9283E-6
4	Plot C Basement	13.4	26.00000	-2.83019	13.40000	0.43460	12.624	-0.014292	-1.7393	9.2249E-6
4	Plot C Basement	13.4	30.00000	-2.83019	13.40000	0.41515	12.624	-0.019406	-2.0502	10.788E-6
4	Plot C Basement	13.4	34.00000	-2.83019	13.40000	0.37711	12.624	-0.026544	-2.4310	12.673E-6
4	Plot C Basement	13.4	38.00000	-2.83019	13.40000	0.32644	12.624	-0.03614	-2.8976	14.945E-6
4	Plot C Basement	13.4	42.00000	-2.83019	13.40000	0.21963	12.624	-0.049878	-3.4676	17.675E-6
4	Plot C Basement	13.4	46.00000	-2.83019	13.40000	0.08506	12.624	-0.067550	-4.1588	20.940E-6
4	Plot C Basement	13.4	50.00000	-2.83019	13.40000	-0.09759	12.624	-0.089675	-4.9876	24.822E-6
4	Plot C Basement	13.4	54.00000	-2.83019	13.40000	-0.33630	12.624	-0.11583	-5.9676	29.414E-6
4	Plot C Basement	13.4	58.00000	-2.83019	13.40000	-0.63837	12.624	-0.14538	-7.1103	34.800E-6
4	Plot C Basement	13.4	62.00000	-2.83019	13.40000	-1.01013	12.624	-0.17863	-8.4258	41.025E-6
4	Plot C Basement	13.4	66.00000	-2.83019	13.40000	-1.45684	12.624	-0.21814	-9.9233	48.057E-6
4	Plot C Basement	13.4	70.00000	-2.83019	13.40000	-1.98382	12.624	-0.26929	-11.613	55.773E-6
4	Plot C Basement	13.4	74.00000	-2.83019	13.40000	-2.59896	12.624	-0.34035	-13.550	63.992E-6
4	Plot C Basement	13.4	78.00000	-2.83019	13.40000	-3.31518	12.624	-0.44341	-15.633	72.479E-6
4	Plot C Basement	13.4	82.00000	-2.83019	13.40000	-4.15364	12.624	-0.59674	-18.070	80.833E-6
4	Plot C Basement	13.4	86.00000	-2.83019	13.40000	-5.13980	12.624	-0.82924	-20.791	88.232E-6
4	Plot C Basement	13.4	90.00000	-2.83019	13.40000	-6.30722	12.624	-1.1828	-23.769	93.010E-6
4	Plot C Basement	13.4	94.00000	-2.83019	13.40000	-7.69745	12.624	-1.6773	-26.934	92.772E-6
4	Plot C Basement	13.4	98.00000	-2.83019	13.40000	-9.40565	12.624	-2.2026	-28.812	87.008E-6
4	Plot C Basement	13.4	102.00000	-2.83019	13.40000	-11.74235	12.624	-1.6120	-29.026	107.97E-6
4	Plot C Basement	13.4	106.00000	-2.83019	13.40000	-16.29397	12.624	-0.91363	-36.907	175.31E-6
4	Plot C Basement	13.4	110.00000	-2.83019	13.40000	-30.76506	12.624	-7.9301	-231.76	-0.0011807
4	Plot C Basement	13.4	114.00000	-2.83019	13.40000	-44.92960	12.624	-170.52	-447.09	-0.0032134
4	Plot C Basement	13.4	118.00000	-2.83019	13.40000	-55.7279	12.624	-157.01	-391.01	-0.0030742
4	Plot C Basement	13.4	122.00000	-2.83019	13.40000	-41.55938	12.624	-27.444	-199.67	195.30E-6
4	Plot C Basement	13.4	126.00000	-2.83019	13.40000	-56.93669	12.624	-171.33	-475.76	-0.0030807
4	Plot C Basement	13.4	130.00000	-2.83019	13.40000	-61.52177	12.624	-171.94	-492.66	-0.0030068
4	Plot C Basement	13.4	134.00000	-2.83019	13.40000	-63.75137	12.624	-171.96	-495.59	-0.0029911
4	Plot C Basement	13.4	138.00000	-2.83019	13.40000	-65.42165	12.624	-171.96	-497.27	-0.0029818
4	Plot C Basement	13.4	142.00000	-2.83019	13.40000	-67.02663	12.624	-171.98	-499.59	-0.0029695
4	Plot C Basement	13.4	146.00000	-2.83019	13.40000	-68.22178	12.624	-171.99	-501.16	-0.0029611
4	Plot C Basement	13.4	150.00000	-2.83019	13.40000	-68.86426	12.624	-171.99	-501.81	-0.0029576
4	Plot C Basement	13.4	154.00000	-2.83019	13.40000	-69.38292	12.624	-172.00	-501.88	-0.0029572
4	Plot C Basement	13.4	158.00000	-2.83019	13.40000	-68.49857	12.624	-171.99	-501.39	-0.0029599
4	Plot C Basement	13.4	162.00000	-2.83019	13.40000	-67.13448	12.624	-171.99	-499.99	-0.0029676
4	Plot C Basement	13.4	166.00000	-2.83019	13.40000	-64.34826	12.624	-171.98	-496.69	-0.0029856
4	Plot C Basement	13.4	170.00000	-2.83019	13.40000	-59.04268	12.624	-171.91	-488.07	-0.0030313
4	Plot C Basement	13.4	174.00000	-2.83019	13.40000	-51.73474	12.624	-170.94	-455.21	-0.0031283
4	Plot C Basement	13.4	178.00000	-2.83019	13.40000	-23.05367	12.624	-7.4308	-84.272	221.40E-6
4	Plot C Basement	13.4	182.00000	-2.83019	13.40000	-11.50836	12.624	-0.094980	-17.229	92.938E-6
4	Plot C Basement	13.4	186.00000	-2.83019	13.40000	-6.38837	12.624	-0.016803	-8.8818	48.986E-6
4	Plot C Basement	13.4	190.00000	-2.83019	13.40000	-3.55007	12.624	-0.0059688	-5.6711	31.437E-6
4	Plot C Basement	13.4	194.00000	-2.83019	13.40000	-1.96897	12.624	-0.0028479	-3.9942	22.187E-6
4	Plot C Basement	13.4	198.00000	-2.83019	13.40000	-0.84461	12.624	-0.0016117	-2.9849	16.598E-6
4	Plot C Basement	13.4	202.00000	-2.83019	13.40000	-0.21377	12.624	-0.0010214	-2.3223	12.921E-6
4	Plot C Basement	13.4	206.00000	-2.83019	13.40000	0.17348	12.624	-701.02E-6	-1.8606	10.356E-6
4	Plot C Basement	13.4	210.00000	-2.83019	13.40000	0.40678	12.624	-509.68E-6	-1.5243	8.4867E-6
4	Plot C Basement	13.4	214.00000	-2.83019	13.40000	0.54155	12.624	-386.72E-6	-1.2710	7.0716E-6
4	Plot C Basement	13.4	218.00000	-2.83019	13.40000	0.61291	12.624	-303.02E-6	-1.0750	5.9870E-6
4	Plot C Basement	13.4	222.00000	-2.83019	13.40000	0.64347	12.624	-243.38E-6	-0.92007	5.1246E-6
4	Plot C Basement	13.4	226.00000	-2.83019	13.40000	0.64797	12.624	-199.31E-6	-0.79536	4.4304E-6
4	Plot C Basement	13.4	230.00000	-2.83019	13.40000	0.63611	12.624	-165.76E-6	-0.69348	3.8632E-6
4	Plot C Basement	13.4	234.00000	-2.83019	13.40000	0.61428	12.624	-139.61E-6	-0.61428	3.3938E-6
4	Plot C Basement	13.4	238.00000	-2.83019	13.40000	0.58672	12.624	-118.82E-6	-0.53866	3.0010E-6
4	Plot C Basement	13.4	242.00000	-2.83019	13.40000	0.55622	12.624	-102.01E-6	-0.47908	2.6692E-6
4	Plot C Basement	13.4	246.00000	-2.83019	13.40000	0.52460	12.624	-88.238E-6	-0.42833	2.3866E-6
4	Plot C Basement	13.4	250.00000	-2.83019	13.40000	0.49306	12.624	-76.820E-6	-0.38477	2.1439E-6
4	Plot C Basement	13.4	-30.00000	-1.13208	13.40000	0.23801	12.624	-586.02E-6	-0.31700	1.7527E-6
4	Plot C Basement	13.4	-26.00000	-1.13208	13.40000	0.25306	12.624	-704.76E-6	-0.35028	1.9305E-6
4	Plot C Basement	13.4	-22.00000	-1.13208	13.40000	0.26905	12.624	-853.40E-6	-0.38755	2.1334E-6
4	Plot C Basement	13.4	-18.00000	-1.13208	13.40000	0.28598	12.624	-0.0010410	-0.43039	2.3661E-6
4	Plot C Basement	13.4	-14.00000	-1.13208	13.40000	0.30376	12.624	-0.0012800	-0.47988	2.6342E-6
4	Plot C Basement	13.4	-10.00000	-1.13208	13.40000	0.32229	12.624	-0.0015872	-0.53397	2.9447E-6
4	Plot C Basement	13.4	-6.00000	-1.13208	13.40000	0.34136	12.624	-0.0019862	-0.60455	3.3061E-6
4	Plot C Basement	13.4	-2.00000	-1.13208	13.40000	0.36062	12.624	-0.0025102	-0.68353	3.7292E-6
4	Plot C Basement	13.4	2.00000	-1.13208	13.40000	0.37957	12.624	-0.0032064	-0.77702	4.2274E-6
4	Plot C Basement	13.4	6.00000	-1.13208	13.40000	0.39746	12.624	-0.0041429	-0.88846	4.8177E-6
4	Plot C Basement	13.4	10.00000	-1.13208	13.40000	0.41517	12.624	-0.0054197	-1.0223	5.5215E-6
4	Plot C Basement	13.4	14.00000	-1.13208	13.40000	0.42514	12.624	-0.0071848	-1.1842	6.3661E-6
4	Plot C Basement	13.4	18.00000	-1.13208	13.40000	0.43114	12.624	-0.0096610	-1.3819	7.3858E-6
4	Plot C Basement	13.4	22.00000	-1.13208	13.40000	0.42807	12.624	-0.013187	-1.6251	8.6246E-6
4	Plot C Basement	13.4	26.00000	-1.13208	13.40000	0.41170	12.624	-0.018282	-1.9269	10.137E-6



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No. Sheet No. Rev.

371459

Drg. Ref.

Made by
MK

Date

Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain
		[m]	[m]	[mOD]	[mm]		[kN/m²]	[kN/m²]	[µ]
4	Plot C Basement 13.4	218.00000	1.13208	13.40000	0.61652	12.624	-316.88E-6	-1.1150	6.2099E-6
4	Plot C Basement 13.4	222.00000	1.13208	13.40000	0.65057	12.624	-253.91E-6	-0.95227	5.3039E-6
4	Plot C Basement 13.4	226.00000	1.13208	13.40000	0.65697	12.624	-207.43E-6	-0.82149	4.5759E-6
4	Plot C Basement 13.4	230.00000	1.13208	13.40000	0.64595	12.624	-172.13E-6	-0.71487	3.9822E-6
4	Plot C Basement 13.4	234.00000	1.13208	13.40000	0.62431	12.624	-144.66E-6	-0.62682	3.4920E-6
4	Plot C Basement 13.4	238.00000	1.13208	13.40000	0.59652	12.624	-122.87E-6	-0.55330	3.0826E-6
4	Plot C Basement 13.4	242.00000	1.13208	13.40000	0.56555	12.624	-105.29E-6	-0.49133	2.7374E-6
4	Plot C Basement 13.4	246.00000	1.13208	13.40000	0.53334	12.624	-90.921E-6	-0.43864	2.4440E-6
4	Plot C Basement 13.4	250.00000	1.13208	13.40000	0.50115	12.624	-79.032E-6	-0.39349	2.1925E-6
4	Plot C Basement 13.4	-30.00000	5.09434	13.40000	0.24065	12.624	-619.81E-6	-0.32530	1.7940E-6
4	Plot C Basement 13.4	-26.00000	5.09434	13.40000	0.25593	12.624	-748.71E-6	-0.35933	1.9795E-6
4	Plot C Basement 13.4	-22.00000	5.09434	13.40000	0.27215	12.624	-911.14E-6	-0.39838	2.1919E-6
4	Plot C Basement 13.4	-18.00000	5.09434	13.40000	0.28929	12.624	-0.0011777	-0.44345	2.4365E-6
4	Plot C Basement 13.4	-14.00000	5.09434	13.40000	0.30726	12.624	-0.0013830	-0.49576	2.7194E-6
4	Plot C Basement 13.4	-10.00000	5.09434	13.40000	0.32590	12.624	-0.0017274	-0.55683	3.0486E-6
4	Plot C Basement 13.4	-6.00000	5.09434	13.40000	0.34496	12.624	-0.0021798	-0.62861	3.4388E-6
4	Plot C Basement 13.4	-2.00000	5.09434	13.40000	0.36402	12.624	-0.0027814	-0.71357	3.8877E-6
4	Plot C Basement 13.4	2.00000	5.09434	13.40000	0.38244	12.624	-0.0035925	-0.81490	4.4258E-6
4	Plot C Basement 13.4	6.00000	5.09434	13.40000	0.39928	12.624	-0.0047025	-0.93678	5.0686E-6
4	Plot C Basement 13.4	10.00000	5.09434	13.40000	0.41315	12.624	-0.0062465	-1.0847	5.8420E-6
4	Plot C Basement 13.4	14.00000	5.09434	13.40000	0.42203	12.624	-0.0084328	-1.2659	6.7792E-6
4	Plot C Basement 13.4	18.00000	5.09434	13.40000	0.42302	12.624	-0.011589	-1.4903	7.9266E-6
4	Plot C Basement 13.4	22.00000	5.09434	13.40000	0.41198	12.624	-0.016241	-1.7713	9.3381E-6
4	Plot C Basement 13.4	26.00000	5.09434	13.40000	0.38307	12.624	-0.023254	-2.1273	11.089E-6
4	Plot C Basement 13.4	30.00000	5.09434	13.40000	0.28813	12.624	-0.034069	-2.5839	13.274E-6
4	Plot C Basement 13.4	34.00000	5.09434	13.40000	0.23595	12.624	-0.051116	-3.1762	16.008E-6
4	Plot C Basement 13.4	38.00000	5.09434	13.40000	0.09150	12.624	-0.078434	-3.9525	19.424E-6
4	Plot C Basement 13.4	42.00000	5.09434	13.40000	-0.12451	12.624	-0.12238	-4.9762	23.664E-6
4	Plot C Basement 13.4	46.00000	5.09434	13.40000	-0.43530	12.624	-0.19160	-6.3250	28.872E-6
4	Plot C Basement 13.4	50.00000	5.09434	13.40000	-0.86631	12.624	-0.29427	-8.0827	35.241E-6
4	Plot C Basement 13.4	54.00000	5.09434	13.40000	-1.44311	12.624	-0.43215	-10.334	43.182E-6
4	Plot C Basement 13.4	58.00000	5.09434	13.40000	-2.19172	12.624	-0.59970	-13.179	53.450E-6
4	Plot C Basement 13.4	62.00000	5.09434	13.40000	-3.13977	12.624	-0.80441	-16.786	66.720E-6
4	Plot C Basement 13.4	66.00000	5.09434	13.40000	-4.31016	12.624	-1.1010	-21.371	82.372E-6
4	Plot C Basement 13.4	70.00000	5.09434	13.40000	-5.71744	12.624	-1.5880	-27.111	98.093E-6
4	Plot C Basement 13.4	74.00000	5.09434	13.40000	-7.37475	12.624	-2.5149	-34.468	108.11E-6
4	Plot C Basement 13.4	78.00000	5.09434	13.40000	-9.35177	12.624	-4.1774	-44.019	105.74E-6
4	Plot C Basement 13.4	82.00000	5.09434	13.40000	-11.83339	12.624	-8.2532	-57.949	47.024E-6
4	Plot C Basement 13.4	86.00000	5.09434	13.40000	-14.80912	12.624	-14.836	-76.000	-72.621E-6
4	Plot C Basement 13.4	90.00000	5.09434	13.40000	-18.82851	12.624	-32.852	-103.90	-520.00E-6
4	Plot C Basement 13.4	94.00000	5.09434	13.40000	-22.86581	12.624	-51.478	-139.55	-0.0010004
4	Plot C Basement 13.4	98.00000	5.09434	13.40000	-26.12868	12.624	-65.673	-139.85	-0.0014180
4	Plot C Basement 13.4	102.00000	5.09434	13.40000	-26.39205	12.624	-28.873	-100.07	-408.19E-6
4	Plot C Basement 13.4	106.00000	5.09434	13.40000	-35.88962	12.624	-41.809	-197.70	-296.54E-6
4	Plot C Basement 13.4	110.00000	5.09434	13.40000	-55.27676	12.624	-172.16	-422.82	-0.0010690
4	Plot C Basement 13.4	114.00000	5.09434	13.40000	-61.49994	12.624	-172.19	-498.38	-0.0029833
4	Plot C Basement 13.4	118.00000	5.09434	13.40000	-64.65322	12.624	-172.08	-501.00	-0.0029651
4	Plot C Basement 13.4	122.00000	5.09434	13.40000	-66.70884	12.624	-172.04	-502.01	-0.0029578
4	Plot C Basement 13.4	126.00000	5.09434	13.40000	-68.38448	12.624	-172.02	-503.16	-0.0029509
4	Plot C Basement 13.4	130.00000	5.09434	13.40000	-69.73114	12.624	-172.01	-504.44	-0.0029452
4	Plot C Basement 13.4	134.00000	5.09434	13.40000	-70.72681	12.624	-172.01	-504.74	-0.0029417
4	Plot C Basement 13.4	138.00000	5.09434	13.40000	-71.44180	12.624	-172.01	-505.09	-0.0029397
4	Plot C Basement 13.4	142.00000	5.09434	13.40000	-71.93061	12.624	-172.00	-505.28	-0.0029385
4	Plot C Basement 13.4	146.00000	5.09434	13.40000	-72.18685	12.624	-172.00	-505.31	-0.0029383
4	Plot C Basement 13.4	150.00000	5.09434	13.40000	-72.39769	12.624	-172.00	-505.11	-0.0029394
4	Plot C Basement 13.4	154.00000	5.09434	13.40000	-71.76119	12.624	-172.00	-504.62	-0.0029421
4	Plot C Basement 13.4	158.00000	5.09434	13.40000	-70.83433	12.624	-172.00	-503.66	-0.0029474
4	Plot C Basement 13.4	162.00000	5.09434	13.40000	-69.09178	12.624	-171.99	-501.88	-0.0029572
4	Plot C Basement 13.4	166.00000	5.09434	13.40000	-65.97260	12.624	-171.98	-498.21	-0.0029772
4	Plot C Basement 13.4	170.00000	5.09434	13.40000	-61.66609	12.624	-171.85	-487.71	-0.0030313
4	Plot C Basement 13.4	174.00000	5.09434	13.40000	-42.77795	12.624	-76.430	-288.23	-950.33E-6
4	Plot C Basement 13.4	178.00000	5.09434	13.40000	-22.03433	12.624	-1.3932	-50.016	232.39E-6
4	Plot C Basement 13.4	182.00000	5.09434	13.40000	-12.05990	12.624	-0.077438	-17.280	93.806E-6
4	Plot C Basement 13.4	186.00000	5.09434	13.40000	-6.86705	12.624	-0.016740	-9.4132	51.953E-6
4	Plot C Basement 13.4	190.00000	5.09434	13.40000	-0.89020	12.624	-0.0062455	-6.1047	33.847E-6
4	Plot C Basement 13.4	194.00000	5.09434	13.40000	-2.09695	12.624	-0.0030489	-4.3272	24.038E-6
4	Plot C Basement 13.4	198.00000	5.09434	13.40000	-0.99017	12.624	-0.0017488	-3.2399	18.016E-6
4	Plot C Basement 13.4	202.00000	5.09434	13.40000	-0.30113	12.624	-0.0011161	-2.5187	14.014E-6
4	Plot C Basement 13.4	206.00000	5.09434	13.40000	0.12602	12.624	-767.73E-6	-2.0130	11.204E-6
4	Plot C Basement 13.4	210.00000	5.09434	13.40000	0.38596	12.624	-385.96E-6	-1.6438	9.1514E-6
4	Plot C Basement 13.4	214.00000	5.09434	13.40000	0.53801	12.624	-421.95E-6	-1.3655	7.6034E-6
4	Plot C Basement 13.4	218.00000	5.09434	13.40000	0.62016	12.624	-329.38E-6	-1.1504	6.4067E-6
4	Plot C Basement 13.4	222.00000	5.09434	13.40000	0.65712	12.624	-263.45E-6	-0.98078	5.4626E-6
4	Plot C Basement 13.4	226.00000	5.09434	13.40000	0.66509	12.624	-214.83E-6	-0.84467	4.7050E-6
4	Plot C Basement 13.4	230.00000	5.09434	13.40000	0.64717	12.624	-177.93E-6	-0.69477	4.0808E-6
4	Plot C Basement 13.4	234.00000	5.09434	13.40000	0.63325	12.624	-149.27E-6	-0.64248	3.5792E-6
4	Plot C Basement 13.4	238.00000	5.09434	13.40000	0.60524	12.624	-126.57E-6	-0.56632	3.1551E-6
4	Plot C Basement 13.4	242.00000	5.09434	13.40000	0.57384	12.624	-108.30E-6	-0.50221	2.7980E-6
4	Plot C Basement 13.4	246.00000	5.09434	13.40000	0.54109	12.624	-93.378E-6	-0.44779	2.4949E-6
4	Plot C Basement 13.4	250.00000	5.09434	13.40000	0.50830	12.624	-81.057E-6	-0.40123	2.2356E-6
4	Plot C Basement 13.4	-30.00000	9.05660	13.40000	0.24293	12.624	-651.69E-6	-0.33214	1.8311E-6
4	Plot C Basement 13.4	-26.00000	9.05660	13.40000	0.25840	12.624	-790.40E-6	-0.36749	2.0237E-6
4	Plot C Basement 13.4	-22.00000	9.05660	13.40000	0.27482	12.624	-966.26E-6	-0.40820	2.2449E-6
4	Plot C Basement 13.4	-18.00000	9.05660	13.40000	0.29213	12.624	-0.0011914	-0.45535	2.5004E-6
4	Plot C Basement 13.4	-14.00000	9.05660	13.40000	0.31023	12.624	-0.0014929	-0.50279	2.7911E-6
4	Plot C Basement 13.4	-10.00000	9.05660	13.40000	0.32894	12.624	-0.0018647	-0.57474	3.1438E-6
4	Plot C Basement 13.4	-6.00000	9.05660	13.40000	0.34793	12.624	-0.0023713	-0.65089	3.5517E-6



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	218.00000	9.05660	13.40000	0.53746	12.624	-436.462E-6	-1.4034	7.8144E-6
4	Plot C Basement 13.4	218.00000	9.05660	13.40000	0.62364	12.624	-340.462E-6	-1.1808	6.5759E-6
4	Plot C Basement 13.4	222.00000	9.05660	13.40000	0.66298	12.624	-271.94E-6	-1.0053	5.5992E-6
4	Plot C Basement 13.4	226.00000	9.05660	13.40000	0.67223	12.624	-221.42E-6	-0.86464	4.8161E-6
4	Plot C Basement 13.4	230.00000	9.05660	13.40000	0.66245	12.624	-183.12E-6	-0.75022	4.1791E-6
4	Plot C Basement 13.4	234.00000	9.05660	13.40000	0.64101	12.624	-153.40E-6	-0.65539	3.6544E-6
4	Plot C Basement 13.4	238.00000	9.05660	13.40000	0.61278	12.624	-129.89E-6	-0.57754	3.2176E-6
4	Plot C Basement 13.4	242.00000	9.05660	13.40000	0.58100	12.624	-110.99E-6	-0.51160	2.8503E-6
4	Plot C Basement 13.4	246.00000	9.05660	13.40000	0.54778	12.624	-95.582E-6	-0.45569	2.5389E-6
4	Plot C Basement 13.4	250.00000	9.05660	13.40000	0.51448	12.624	-82.874E-6	-0.40791	2.2728E-6
4	Plot C Basement 13.4	-26.00000	13.01887	13.40000	0.24884	12.624	-680.89E-6	-0.33811	1.8634E-6
4	Plot C Basement 13.4	-26.00000	13.01887	13.40000	0.26047	12.624	-828.78E-6	-0.37464	2.0622E-6
4	Plot C Basement 13.4	-22.00000	13.01887	13.40000	0.27704	12.624	-0.0010173	-0.41682	2.2913E-6
4	Plot C Basement 13.4	-18.00000	13.01887	13.40000	0.29448	12.624	-0.0012601	-0.46583	2.5565E-6
4	Plot C Basement 13.4	-14.00000	13.01887	13.40000	0.31268	12.624	-0.0015767	-0.52315	2.8657E-6
4	Plot C Basement 13.4	-10.00000	13.01887	13.40000	0.33140	12.624	-0.0019946	-0.59068	3.2284E-6
4	Plot C Basement 13.4	-6.00000	13.01887	13.40000	0.35028	12.624	-0.0025542	-0.67085	3.6570E-6
4	Plot C Basement 13.4	-2.00000	13.01887	13.40000	0.36874	12.624	-0.0033153	-0.76687	4.1672E-6
4	Plot C Basement 13.4	2.00000	13.01887	13.40000	0.38588	12.624	-0.0043686	-0.88300	4.7797E-6
4	Plot C Basement 13.4	6.00000	13.01887	13.40000	0.40403	12.624	-0.0058552	-1.0249	5.5219E-6
4	Plot C Basement 13.4	10.00000	13.01887	13.40000	0.41007	12.624	-0.0080000	-1.2006	6.4297E-6
4	Plot C Basement 13.4	14.00000	13.01887	13.40000	0.41204	12.624	-0.011173	-1.4208	7.5520E-6
4	Plot C Basement 13.4	18.00000	13.01887	13.40000	0.40173	12.624	-0.016005	-1.7011	8.9543E-6
4	Plot C Basement 13.4	22.00000	13.01887	13.40000	0.37235	12.624	-0.023612	-2.0644	10.726E-6
4	Plot C Basement 13.4	26.00000	13.01887	13.40000	0.33180	12.624	-0.036070	-2.5445	12.987E-6
4	Plot C Basement 13.4	30.00000	13.01887	13.40000	0.21087	12.624	-0.057441	-3.1938	15.895E-6
4	Plot C Basement 13.4	34.00000	13.01887	13.40000	0.04057	12.624	-0.096195	-4.0959	19.630E-6
4	Plot C Basement 13.4	38.00000	13.01887	13.40000	-0.23195	12.624	-0.17118	-5.3878	24.327E-6
4	Plot C Basement 13.4	42.00000	13.01887	13.40000	-0.65939	12.624	-0.32684	-7.2998	29.783E-6
4	Plot C Basement 13.4	46.00000	13.01887	13.40000	-1.31373	12.624	-0.66822	-10.211	34.598E-6
4	Plot C Basement 13.4	50.00000	13.01887	13.40000	-2.30967	12.624	-1.40266	-14.664	39.859E-6
4	Plot C Basement 13.4	54.00000	13.01887	13.40000	-3.72751	12.624	-2.7340	-21.198	26.744E-6
4	Plot C Basement 13.4	58.00000	13.01887	13.40000	-5.65774	12.624	-4.6240	-30.451	15.098E-6
4	Plot C Basement 13.4	62.00000	13.01887	13.40000	-8.33021	12.624	-7.5653	-45.123	-1.5019E-6
4	Plot C Basement 13.4	66.00000	13.01887	13.40000	-12.26837	12.624	-16.453	-72.127	-148.35E-6
4	Plot C Basement 13.4	70.00000	13.01887	13.40000	-17.43732	12.624	-37.956	-111.50	-648.47E-6
4	Plot C Basement 13.4	74.00000	13.01887	13.40000	-22.12297	12.624	-53.907	-145.51	-992.62E-6
4	Plot C Basement 13.4	78.00000	13.01887	13.40000	-27.42814	12.624	-82.369	-186.22	-0.0017182
4	Plot C Basement 13.4	82.00000	13.01887	13.40000	-31.14593	12.624	-91.808	-209.98	-0.0019016
4	Plot C Basement 13.4	86.00000	13.01887	13.40000	-34.40621	12.624	-99.341	-228.21	-0.0020520
4	Plot C Basement 13.4	90.00000	13.01887	13.40000	-36.93762	12.624	-101.70	-236.56	-0.0020844
4	Plot C Basement 13.4	94.00000	13.01887	13.40000	-39.03405	12.624	-101.65	-235.71	-0.0020875
4	Plot C Basement 13.4	98.00000	13.01887	13.40000	-40.41097	12.624	-91.812	-214.48	-0.0018767
4	Plot C Basement 13.4	102.00000	13.01887	13.40000	-42.32819	12.624	-80.945	-189.91	-0.00110E-6
4	Plot C Basement 13.4	106.00000	13.01887	13.40000	-59.88647	12.624	-176.02	-502.63	-0.0030878
4	Plot C Basement 13.4	110.00000	13.01887	13.40000	-65.55212	12.624	-173.05	-510.92	-0.0029422
4	Plot C Basement 13.4	114.00000	13.01887	13.40000	-68.55121	12.624	-172.36	-509.79	-0.0029253
4	Plot C Basement 13.4	118.00000	13.01887	13.40000	-70.38792	12.624	-172.16	-508.85	-0.0029238
4	Plot C Basement 13.4	122.00000	13.01887	13.40000	-71.60451	12.624	-172.08	-508.28	-0.0029244
4	Plot C Basement 13.4	126.00000	13.01887	13.40000	-72.46157	12.624	-172.05	-507.96	-0.0029250
4	Plot C Basement 13.4	130.00000	13.01887	13.40000	-73.08238	12.624	-172.03	-507.77	-0.0029254
4	Plot C Basement 13.4	134.00000	13.01887	13.40000	-73.52159	12.624	-172.02	-507.63	-0.0029259
4	Plot C Basement 13.4	138.00000	13.01887	13.40000	-73.80202	12.624	-172.01	-507.48	-0.0029265
4	Plot C Basement 13.4	142.00000	13.01887	13.40000	-73.92518	12.624	-172.01	-507.28	-0.0029275
4	Plot C Basement 13.4	146.00000	13.01887	13.40000	-73.96987	12.624	-172.01	-506.98	-0.0029281
4	Plot C Basement 13.4	150.00000	13.01887	13.40000	-73.58200	12.624	-172.00	-506.53	-0.0029315
4	Plot C Basement 13.4	154.00000	13.01887	13.40000	-72.96924	12.624	-172.00	-505.83	-0.0029354
4	Plot C Basement 13.4	158.00000	13.01887	13.40000	-71.86598	12.624	-172.00	-504.71	-0.0029415
4	Plot C Basement 13.4	162.00000	13.01887	13.40000	-69.97854	12.624	-171.99	-502.80	-0.0029521
4	Plot C Basement 13.4	166.00000	13.01887	13.40000	-67.74691	12.624	-171.98	-499.05	-0.0029725
4	Plot C Basement 13.4	170.00000	13.01887	13.40000	-60.93944	12.624	-171.89	-489.32	-0.0030237
4	Plot C Basement 13.4	174.00000	13.01887	13.40000	-48.68881	12.624	-166.86	-427.64	-0.0031994
4	Plot C Basement 13.4	178.00000	13.01887	13.40000	-22.47112	12.624	-1.0867	-48.832	236.04E-6
4	Plot C Basement 13.4	182.00000	13.01887	13.40000	-12.42483	12.624	-0.071941	-17.583	95.681E-6
4	Plot C Basement 13.4	186.00000	13.01887	13.40000	-7.14974	12.624	-0.016893	-9.7823	54.007E-6
4	Plot C Basement 13.4	190.00000	13.01887	13.40000	-4.10370	12.624	-0.0064569	-6.4041	35.510E-6
4	Plot C Basement 13.4	194.00000	13.01887	13.40000	-2.24363	12.624	-0.0031999	-4.5617	25.341E-6
4	Plot C Basement 13.4	198.00000	13.01887	13.40000	-1.08511	12.624	-0.0018532	-3.4221	19.029E-6
4	Plot C Basement 13.4	202.00000	13.01887	13.40000	-0.35819	12.624	-0.0011889	-2.6605	14.802E-6
4	Plot C Basement 13.4	206.00000	16.98113	13.40000	0.09533	12.624	-819.29E-6	0.09553	11.821E-6
4	Plot C Basement 13.4	210.00000	16.98113	13.40000	0.37345	12.624	-594.97E-6	-1.7311	9.6373E-6
4	Plot C Basement 13.4	214.00000	16.98113	13.40000	0.53723	12.624	-449.49E-6	-1.4348	7.9893E-6
4	Plot C Basement 13.4	218.00000	16.98113	13.40000	0.62672	12.624	-350.10E-6	-1.2059	6.7159E-6
4	Plot C Basement 13.4	222.00000	16.98113	13.40000	0.66801	12.624	-279.30E-6	-1.0256	5.7123E-6
4	Plot C Basement 13.4	226.00000	16.98113	13.40000	0.67827	12.624	-227.14E-6	-0.88116	4.9081E-6
4	Plot C Basement 13.4	230.00000	16.98113	13.40000	0.66892	12.624	-187.62E-6	-0.76377	4.2546E-6
4	Plot C Basement 13.4	234.00000	16.98113	13.40000	0.64751	12.624	-156.99E-6	-0.66719	3.7168E-6
4	Plot C Basement 13.4	238.00000	16.98113	13.40000	0.61909	12.624	-132.78E-6	-0.58685	3.2694E-6
4	Plot C Basement 13.4	242.00000	16.98113	13.40000	0.58698	12.624	-113.34E-6	-0.51938	2.8937E-6
4	Plot C Basement 13.4	246.00000	16.98113	13.40000	0.55335	12.624	-97.462E-6	-0.4624	2.5754E-6
4	Plot C Basement 13.4	250.00000	16.98113	13.40000	0.51961	12.624	-84.462E-6	-0.41346	2.3037E-6
4	Plot C Basement 13.4	-30.00000	16.98113	13.40000	0.24637	12.624	-706.67E-6	-0.34310	1.8904E-6
4	Plot C Basement 13.4	-26.00000	16.98113	13.40000	0.26212	12.624	-862.80E-6	-0.38063	2.0945E-6
4	Plot C Basement 13.4	-22.00000	16.98113	13.40000	0.27880	12.624	-0.0010627	-0.42407	2.3302E-6
4	Plot C Basement 13.4	-18.00000	16.98113	13.40000	0.29634	12.624	-0.0032316	-0.47469	2.6039E-6
4	Plot C Basement 13.4	-14.00000	16.98113	13.40000	0.31460	12.624	-0.0016611	-0.53406	2.9238E-6
4	Plot C Basement 13.4	-10.00000	16.98113	13.40000	0.33331	12.624	-0.0021123	-0.60425	3.3002E-6
4	Plot C Basement 13.4	-6.00000	16.98113	13.40000	0.35205	12.624	-0.0027213	-0.68794	3.7467E-6
4	Plot C Basement 13.4	-2.00000	16.98113	13.40000	0.37017	12.624	-0.0035572	-0.78866	4.2806E-6
4	Plot C Basement 13.4	2.00000	16.98113	13.40000	0.38665	12.624	-0.0047265	-0.9115	4.9248E-6
4	Plot C Basement 13.4	6.00000	16.98113	13.40000	0.39993	12.624	-0.0063979	-1.0619	5.7098E-6
4	Plot C Basement 13.4	10.00000	16.98113	13.40000	0.40765	12.624	-0.0088460	-1.2499	6.6767E-6
4	Plot C Basement 13.4	14.00000	16.98113	13.40000	0.40624	12.624	-0.012534	-1.4880	7.8813E-6
4	Plot C Basement 13.4	18.00000	16.98113	13.40000	0.39034	12.624	-0.018277	-1.7948	9.4006E-6
4	Plot C Basement 13.4	22.00000	16.98113	13.40000	0.35174	12.624	-0.027573	-2.1982	11.340E-6
4	Plot C Basement 13.4	26.00000	16.98113	13.40000	0.27789	12.624	-0.043339	-2.7418	13.845E-6
4	Plot C Basement 13.4	30.00000	16.98113	13.40000					



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	210.00000	16.98113	13.40000	0.36879	12.624	-610.162E-6	-1.7625	9.8120E-6
4	Plot C Basement 13.4	214.00000	16.98113	13.40000	0.53707	12.624	-460.41E-6	-1.4595	8.1268E-6
4	Plot C Basement 13.4	218.00000	16.98113	13.40000	0.62928	12.624	-358.21E-6	-1.2256	6.8254E-6
4	Plot C Basement 13.4	222.00000	16.98113	13.40000	0.67210	12.624	-285.48E-6	-1.0415	5.8006E-6
4	Plot C Basement 13.4	226.00000	16.98113	13.40000	0.68314	12.624	-231.93E-6	-0.89407	4.9799E-6
4	Plot C Basement 13.4	230.00000	16.98113	13.40000	0.67409	12.624	-191.40E-6	-0.77436	4.3135E-6
4	Plot C Basement 13.4	234.00000	16.98113	13.40000	0.65269	12.624	-160.00E-6	-0.67593	3.7655E-6
4	Plot C Basement 13.4	238.00000	16.98113	13.40000	0.62410	12.624	-135.21E-6	-0.59413	3.3099E-6
4	Plot C Basement 13.4	242.00000	16.98113	13.40000	0.59170	12.624	-115.32E-6	-0.52548	2.9276E-6
4	Plot C Basement 13.4	246.00000	16.98113	13.40000	0.55774	12.624	-99.130E-6	-0.46737	2.6040E-6
4	Plot C Basement 13.4	250.00000	16.98113	13.40000	0.52666	12.624	-85.803E-6	-0.41780	2.3279E-6
4	Plot C Basement 13.4	-30.00000	20.94340	13.40000	0.24750	12.624	-728.32E-6	-0.34702	1.9115E-6
4	Plot C Basement 13.4	-26.00000	20.94340	13.40000	0.26334	12.624	-891.44E-6	-0.38535	2.1199E-6
4	Plot C Basement 13.4	-22.00000	20.94340	13.40000	0.28010	12.624	-0.0011011	-0.42980	2.3609E-6
4	Plot C Basement 13.4	-18.00000	20.94340	13.40000	0.29771	12.624	-0.0013738	-0.48170	2.6413E-6
4	Plot C Basement 13.4	-14.00000	20.94340	13.40000	0.31599	12.624	-0.0017330	-0.54274	2.9688E-6
4	Plot C Basement 13.4	-10.00000	20.94340	13.40000	0.33466	12.624	-0.0022132	-0.61510	3.3574E-6
4	Plot C Basement 13.4	-6.00000	20.94340	13.40000	0.35327	12.624	-0.0028653	-0.70166	3.8184E-6
4	Plot C Basement 13.4	-2.00000	20.94340	13.40000	0.37108	12.624	-0.0037672	-0.80624	4.3716E-6
4	Plot C Basement 13.4	2.00000	20.94340	13.40000	0.38697	12.624	-0.0050398	-0.93401	5.0418E-6
4	Plot C Basement 13.4	6.00000	20.94340	13.40000	0.39920	12.624	-0.0068776	-1.0921	5.8624E-6
4	Plot C Basement 13.4	10.00000	20.94340	13.40000	0.40515	12.624	-0.0096028	-1.2906	6.8785E-6
4	Plot C Basement 13.4	14.00000	20.94340	13.40000	0.40078	12.624	-0.013770	-1.5440	8.1527E-6
4	Plot C Basement 13.4	18.00000	20.94340	13.40000	0.37994	12.624	-0.020376	-1.8738	9.7716E-6
4	Plot C Basement 13.4	22.00000	20.94340	13.40000	0.33312	12.624	-0.031307	-2.3131	11.856E-6
4	Plot C Basement 13.4	26.00000	20.94340	13.40000	0.24546	12.624	-0.053683	-3.9143	24.572E-6
4	Plot C Basement 13.4	30.00000	20.94340	13.40000	0.09333	12.624	-0.085830	-3.7651	18.131E-6
4	Plot C Basement 13.4	34.00000	20.94340	13.40000	-0.16182	12.624	-0.15750	-5.0203	22.735E-6
4	Plot C Basement 13.4	38.00000	20.94340	13.40000	-0.58517	12.624	-0.31897	-6.9738	28.228E-6
4	Plot C Basement 13.4	42.00000	20.94340	13.40000	-1.29246	12.624	-0.73946	-10.232	32.329E-6
4	Plot C Basement 13.4	46.00000	20.94340	13.40000	-2.0513	12.624	-1.0259	-16.355	21.459E-6
4	Plot C Basement 13.4	50.00000	20.94340	13.40000	-4.62802	12.624	-6.6701	-27.652	-68.997E-6
4	Plot C Basement 13.4	54.00000	20.94340	13.40000	-8.03465	12.624	-18.169	-47.296	-344.31E-6
4	Plot C Basement 13.4	58.00000	20.94340	13.40000	-12.14413	12.624	-29.561	-71.273	-591.88E-6
4	Plot C Basement 13.4	62.00000	20.94340	13.40000	-17.45367	12.624	-42.706	-109.62	-817.91E-6
4	Plot C Basement 13.4	66.00000	20.94340	13.40000	-26.23328	12.624	-89.949	-187.32	-0.001958
4	Plot C Basement 13.4	70.00000	20.94340	13.40000	-31.85785	12.624	-103.36	-229.80	-0.0021778
4	Plot C Basement 13.4	74.00000	20.94340	13.40000	-35.13480	12.624	-104.61	-246.14	-0.0021284
4	Plot C Basement 13.4	78.00000	20.94340	13.40000	-37.55214	12.624	-105.06	-255.02	-0.0020941
4	Plot C Basement 13.4	82.00000	20.94340	13.40000	-39.55146	12.624	-105.31	-260.37	-0.0020723
4	Plot C Basement 13.4	86.00000	20.94340	13.40000	-41.38259	12.624	-105.35	-263.02	-0.0020588
4	Plot C Basement 13.4	90.00000	20.94340	13.40000	-43.32536	12.624	-105.05	-262.77	-0.0020503
4	Plot C Basement 13.4	94.00000	20.94340	13.40000	-45.85686	12.624	-103.52	-258.37	-0.0020236
4	Plot C Basement 13.4	98.00000	20.94340	13.40000	-50.24684	12.624	-94.141	-255.94	-0.0017233
4	Plot C Basement 13.4	102.00000	20.94340	13.40000	-65.18123	12.624	-204.45	-546.97	-0.0017920
4	Plot C Basement 13.4	106.00000	20.94340	13.40000	-68.39785	12.624	-177.19	-532.95	-0.0029577
4	Plot C Basement 13.4	110.00000	20.94340	13.40000	-70.37823	12.624	-173.23	-520.01	-0.0028973
4	Plot C Basement 13.4	114.00000	20.94340	13.40000	-71.82470	12.624	-172.44	-514.63	-0.0029009
4	Plot C Basement 13.4	118.00000	20.94340	13.40000	-72.86233	12.624	-172.20	-512.05	-0.0029072
4	Plot C Basement 13.4	122.00000	20.94340	13.40000	-73.59833	12.624	-172.10	-510.66	-0.0029118
4	Plot C Basement 13.4	126.00000	20.94340	13.40000	-74.11524	12.624	-172.06	-509.83	-0.0029150
4	Plot C Basement 13.4	130.00000	20.94340	13.40000	-74.46849	12.624	-172.04	-509.29	-0.0029172
4	Plot C Basement 13.4	134.00000	20.94340	13.40000	-74.68969	12.624	-172.02	-508.89	-0.0029191
4	Plot C Basement 13.4	138.00000	20.94340	13.40000	-74.79042	12.624	-172.02	-508.53	-0.0029208
4	Plot C Basement 13.4	142.00000	20.94340	13.40000	-74.76387	12.624	-172.01	-508.17	-0.0029224
4	Plot C Basement 13.4	146.00000	20.94340	13.40000	-74.58285	12.624	-172.01	-507.75	-0.0029248
4	Plot C Basement 13.4	150.00000	20.94340	13.40000	-74.19331	12.624	-172.00	-507.20	-0.0029278
4	Plot C Basement 13.4	154.00000	20.94340	13.40000	-73.50051	12.624	-172.00	-506.43	-0.0029321
4	Plot C Basement 13.4	158.00000	20.94340	13.40000	-72.34152	12.624	-172.00	-505.25	-0.0029385
4	Plot C Basement 13.4	162.00000	20.94340	13.40000	-70.70277	12.624	-172.00	-503.31	-0.0029492
4	Plot C Basement 13.4	166.00000	20.94340	13.40000	-67.21052	12.624	-171.98	-499.62	-0.0029694
4	Plot C Basement 13.4	170.00000	20.94340	13.40000	-61.55335	12.624	-171.91	-490.63	-0.0030171
4	Plot C Basement 13.4	174.00000	20.94340	13.40000	-50.91217	12.624	-170.93	-457.24	-0.0031707
4	Plot C Basement 13.4	178.00000	20.94340	13.40000	-25.25821	12.624	-11.288	-97.291	164.91E-6
4	Plot C Basement 13.4	182.00000	20.94340	13.40000	-13.02664	12.624	-0.09391	-19.062	103.00E-6
4	Plot C Basement 13.4	186.00000	20.94340	13.40000	-7.50690	12.624	-0.018534	-10.256	56.594E-6
4	Plot C Basement 13.4	190.00000	20.94340	13.40000	-4.32539	12.624	-0.0069564	-6.6936	37.108E-6
4	Plot C Basement 13.4	194.00000	20.94340	13.40000	-2.37982	12.624	-0.0034291	-4.7539	26.406E-6
4	Plot C Basement 13.4	198.00000	20.94340	13.40000	-1.16500	12.624	-0.0019715	-3.5550	19.766E-6
4	Plot C Basement 13.4	202.00000	20.94340	13.40000	-0.40240	12.624	-0.0002562	-1.7560	15.333E-6
4	Plot C Basement 13.4	206.00000	20.94340	13.40000	0.07349	12.624	-86.114E-6	-2.1950	12.216E-6
4	Plot C Basement 13.4	210.00000	20.94340	13.40000	0.36498	12.624	-622.98E-6	-1.7854	9.9395E-6
4	Plot C Basement 13.4	214.00000	20.94340	13.40000	0.53695	12.624	-469.30E-6	-1.4773	8.2254E-6
4	Plot C Basement 13.4	218.00000	20.94340	13.40000	0.63125	12.624	-364.69E-6	-1.2396	6.9033E-6
4	Plot C Basement 13.4	222.00000	20.94340	13.40000	0.67520	12.624	-290.34E-6	-1.0527	5.8611E-6
4	Plot C Basement 13.4	226.00000	20.94340	13.40000	0.68679	12.624	-235.73E-6	-0.90319	5.0307E-6
4	Plot C Basement 13.4	230.00000	20.94340	13.40000	0.67793	12.624	-194.39E-6	-0.78184	4.3551E-6
4	Plot C Basement 13.4	234.00000	20.94340	13.40000	0.65650	12.624	-162.40E-6	-0.68213	3.7999E-6
4	Plot C Basement 13.4	238.00000	20.94340	13.40000	0.62775	12.624	-137.15E-6	-0.59929	3.3386E-6
4	Plot C Basement 13.4	242.00000	20.94340	13.40000	0.59514	12.624	-116.90E-6	-0.52981	2.9517E-6
4	Plot C Basement 13.4	246.00000	20.94340	13.40000	0.56093	12.624	-100.43E-6	-0.47102	2.6243E-6
4	Plot C Basement 13.4	250.00000	20.94340	13.40000	0.52659	12.624	-86.886E-6	-0.42090	2.3452E-6
4	Plot C Basement 13.4	-30.00000	24.90566	13.40000	0.24823	12.624	-745.20E-6	-0.34980	1.9265E-6
4	Plot C Basement 13.4	-26.00000	24.90566	13.40000	0.26412	12.624	-913.83E-6	-0.38871	2.1379E-6
4	Plot C Basement 13.4	-22.00000	24.90566	13.40000	0.28093	12.624	-0.001311	-0.4389	2.3923E-6
4	Plot C Basement 13.4	-18.00000	24.90566	13.40000	0.29857	12.624	-0.0014147	-0.48672	2.6679E-6
4	Plot C Basement 13.4	-14.00000	24.90566	13.40000	0.31685	12.624	-0.0017895	-0.54896	3.0026E-6
4	Plot C Basement 13.4	-10.00000	24.90566	13.40000	0.33548	12.624	-0.0022927	-0.62290	3.3982E-6
4	Plot C Basement 13.4	-6.00000	24.90566	13.40000	0.35396	12.624	-0.0029793	-0.71157	3.8699E-6
4	Plot C Basement 13.4	-2.00000	24.90566	13.40000	0.37152	12.624	-0.0039340	-0.81899	4.4372E-6
4	Plot C Basement 13.4	2.00000	24.90566	13.40000	0.38694	12.624	-0.0052900	-0.95069	5.1265E-6
4	Plot C Basement 13.4	6.00000	24.90566	13.40000	0.39837	12.624	-0.0072632	-1.1143	5.9732E-6
4	Plot C Basement 13.4	10.00000	24.90566	13.40000	0.40294	12.624	-0.010216	-1.3207	7.0206E-6
4	Plot C Basement 13.4	14.00000	24.90566	13.40000	0.39629	12.624	-0.014779	-1.5858	8.3521E-6
4	Plot C Basement 13.4	18.00000	24.90566	13.40000	0.37164	12.624	-0.022119	-1.9334	10.046E-6
4	Plot C Basement 13.4	22.00000	24.90566	13.40000	0.31844	12.624	-0.034432	-2.4006	12.240E-6
4	Plot C Basement 13.4	26.00000	24.90566	13.40					



RSK ENVIRONMENT LIMITED

Ugly Brown Building
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Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	206.00000	24.90566	13.40000	0.06583	12.624	-878.02E-6	-2.2146	12.325E-6
4	Plot C Basement 13.4	210.00000	24.90566	13.40000	0.36245	12.624	-632.94E-6	-1.7993	10.017E-6
4	Plot C Basement 13.4	214.00000	24.90566	13.40000	0.53709	12.624	-475.88E-6	-1.4876	8.2832E-6
4	Plot C Basement 13.4	218.00000	24.90566	13.40000	0.63275	12.624	-369.38E-6	-1.2477	6.9482E-6
4	Plot C Basement 13.4	222.00000	24.90566	13.40000	0.67736	12.624	-293.90E-6	-1.0591	5.8988E-6
4	Plot C Basement 13.4	226.00000	24.90566	13.40000	0.59172	12.624	-238.45E-6	-0.9041	5.0597E-6
4	Plot C Basement 13.4	230.00000	24.90566	13.40000	0.68040	12.624	-196.56E-6	-0.78613	4.3790E-6
4	Plot C Basement 13.4	234.00000	24.90566	13.40000	0.65891	12.624	-164.14E-6	-0.68569	3.8197E-6
4	Plot C Basement 13.4	238.00000	24.90566	13.40000	0.63004	12.624	-138.57E-6	-0.60227	3.3552E-6
4	Plot C Basement 13.4	242.00000	24.90566	13.40000	0.59727	12.624	-118.07E-6	-0.53232	2.9657E-6
4	Plot C Basement 13.4	246.00000	24.90566	13.40000	0.56289	12.624	-101.40E-6	-0.47316	2.6362E-6
4	Plot C Basement 13.4	250.00000	24.90566	13.40000	0.52837	12.624	-87.694E-6	-0.42272	2.3553E-6
4	Plot C Basement 13.4	-30.00000	28.86792	13.40000	0.24856	12.624	-756.83E-6	-0.35139	1.9349E-6
4	Plot C Basement 13.4	-26.00000	28.86792	13.40000	0.26447	12.624	-929.22E-6	-0.39063	2.1481E-6
4	Plot C Basement 13.4	-22.00000	28.86792	13.40000	0.28129	12.624	-0.0011518	-0.43623	2.3950E-6
4	Plot C Basement 13.4	-18.00000	28.86792	13.40000	0.38668	12.624	-0.0014427	-0.48961	2.6811E-6
4	Plot C Basement 13.4	-14.00000	28.86792	13.40000	0.31720	12.624	-0.0018283	-0.55256	3.0213E-6
4	Plot C Basement 13.4	-10.00000	28.86792	13.40000	0.33578	12.624	-0.0023472	-0.62743	3.4217E-6
4	Plot C Basement 13.4	-6.00000	28.86792	13.40000	0.35417	12.624	-0.0030574	-0.71733	3.8994E-6
4	Plot C Basement 13.4	-2.00000	28.86792	13.40000	0.37156	12.624	-0.0040483	-0.82645	4.4750E-6
4	Plot C Basement 13.4	2.00000	28.86792	13.40000	0.38668	12.624	-0.0054614	-0.96049	5.1754E-6
4	Plot C Basement 13.4	6.00000	28.86792	13.40000	0.39761	12.624	-0.0075274	-1.1274	6.0375E-6
4	Plot C Basement 13.4	10.00000	28.86792	13.40000	0.40135	12.624	-0.010636	-1.3386	7.1118E-6
4	Plot C Basement 13.4	14.00000	28.86792	13.40000	0.39331	12.624	-0.015473	-1.6109	8.4686E-6
4	Plot C Basement 13.4	18.00000	28.86792	13.40000	0.36637	12.624	-0.023303	-1.9694	10.207E-6
4	Plot C Basement 13.4	22.00000	28.86792	13.40000	0.30936	12.624	-0.035899	-2.4540	12.466E-6
4	Plot C Basement 13.4	26.00000	28.86792	13.40000	0.20445	12.624	-0.060461	-3.1298	15.437E-6
4	Plot C Basement 13.4	30.00000	28.86792	13.40000	0.02258	12.624	-0.10649	-4.1091	19.359E-6
4	Plot C Basement 13.4	34.00000	28.86792	13.40000	-0.28504	12.624	-0.20343	-5.5979	24.420E-6
4	Plot C Basement 13.4	38.00000	28.86792	13.40000	-0.80365	12.624	-0.43193	-8.0023	30.184E-6
4	Plot C Basement 13.4	42.00000	28.86792	13.40000	-1.68986	12.624	-0.85955	-12.191	32.749E-6
4	Plot C Basement 13.4	46.00000	28.86792	13.40000	-3.24677	12.624	-3.0503	-20.148	10.300E-6
4	Plot C Basement 13.4	50.00000	28.86792	13.40000	-6.03126	12.624	-10.048	-35.979	-135.60E-6
4	Plot C Basement 13.4	54.00000	28.86792	13.40000	-10.36080	12.624	-26.588	-62.016	-543.98E-6
4	Plot C Basement 13.4	58.00000	28.86792	13.40000	-14.81093	12.624	-39.821	-87.924	-842.40E-6
4	Plot C Basement 13.4	62.00000	28.86792	13.40000	-19.01370	12.624	-45.846	-113.98	-898.67E-6
4	Plot C Basement 13.4	66.00000	28.86792	13.40000	-24.76684	12.624	-65.516	-160.68	-0.001296E
4	Plot C Basement 13.4	70.00000	28.86792	13.40000	-31.05287	12.624	-95.510	-212.91	-0.0020092
4	Plot C Basement 13.4	74.00000	28.86792	13.40000	-34.92185	12.624	-102.20	-237.98	-0.0020932
4	Plot C Basement 13.4	78.00000	28.86792	13.40000	-37.92671	12.624	-105.70	-253.93	-0.0021215
4	Plot C Basement 13.4	82.00000	28.86792	13.40000	-40.26545	12.624	-106.46	-262.40	-0.0020996
4	Plot C Basement 13.4	86.00000	28.86792	13.40000	-42.35454	12.624	-106.38	-266.36	-0.0020750
4	Plot C Basement 13.4	90.00000	28.86792	13.40000	-44.67593	12.624	-105.88	-267.14	-0.0020537
4	Plot C Basement 13.4	94.00000	28.86792	13.40000	-48.47663	12.624	-104.41	-269.94	-0.0019890
4	Plot C Basement 13.4	98.00000	28.86792	13.40000	-65.02364	12.624	-244.62	-556.64	-0.0050825
4	Plot C Basement 13.4	102.00000	28.86792	13.40000	-69.45170	12.624	-207.70	-512.08	-0.0037050
4	Plot C Basement 13.4	106.00000	28.86792	13.40000	-69.74268	12.624	-177.37	-535.83	-0.0029476
4	Plot C Basement 13.4	110.00000	28.86792	13.40000	-71.33185	12.624	-173.32	-521.50	-0.0028921
4	Plot C Basement 13.4	114.00000	28.86792	13.40000	-72.66983	12.624	-172.49	-515.88	-0.0028957
4	Plot C Basement 13.4	118.00000	28.86792	13.40000	-74.52762	12.624	-172.23	-513.08	-0.0029025
4	Plot C Basement 13.4	122.00000	28.86792	13.40000	-74.23206	12.624	-172.12	-511.48	-0.0029078
4	Plot C Basement 13.4	126.00000	28.86792	13.40000	-74.65327	12.624	-172.07	-510.50	-0.0029116
4	Plot C Basement 13.4	130.00000	28.86792	13.40000	-74.92309	12.624	-172.04	-509.83	-0.0029144
4	Plot C Basement 13.4	134.00000	28.86792	13.40000	-75.07260	12.624	-172.03	-509.34	-0.0029167
4	Plot C Basement 13.4	138.00000	28.86792	13.40000	-75.11222	12.624	-172.02	-508.91	-0.0029187
4	Plot C Basement 13.4	142.00000	28.86792	13.40000	-75.03399	12.624	-172.01	-508.49	-0.0029209
4	Plot C Basement 13.4	146.00000	28.86792	13.40000	-74.81040	12.624	-172.01	-508.02	-0.0029234
4	Plot C Basement 13.4	150.00000	28.86792	13.40000	-74.38856	12.624	-172.01	-507.44	-0.0029265
4	Plot C Basement 13.4	154.00000	28.86792	13.40000	-73.67826	12.624	-172.00	-506.64	-0.0029309
4	Plot C Basement 13.4	158.00000	28.86792	13.40000	-72.52762	12.624	-172.00	-505.48	-0.0029356
4	Plot C Basement 13.4	162.00000	28.86792	13.40000	-70.67128	12.624	-172.00	-503.61	-0.0029476
4	Plot C Basement 13.4	166.00000	28.86792	13.40000	-67.59869	12.624	-171.98	-500.09	-0.0029668
4	Plot C Basement 13.4	170.00000	28.86792	13.40000	-62.07560	12.624	-171.86	-490.21	-0.0030176
4	Plot C Basement 13.4	174.00000	28.86792	13.40000	-45.76342	12.624	-91.066	-299.03	-0.0013800
4	Plot C Basement 13.4	178.00000	28.86792	13.40000	-25.03035	12.624	-11.764	-35.705	-0.0001956
4	Plot C Basement 13.4	182.00000	28.86792	13.40000	-14.47541	12.624	-0.17099	-23.000	122.59E-6
4	Plot C Basement 13.4	186.00000	28.86792	13.40000	-8.22756	12.624	-0.029336	-11.585	63.648E-6
4	Plot C Basement 13.4	190.00000	28.86792	13.40000	-4.64637	12.624	-0.0089377	-7.1458	39.565E-6
4	Plot C Basement 13.4	194.00000	28.86792	13.40000	-2.52296	12.624	-0.0039233	-4.9338	27.392E-6
4	Plot C Basement 13.4	198.00000	28.86792	13.40000	-1.22904	12.624	-0.0021217	-3.6382	20.225E-6
4	Plot C Basement 13.4	202.00000	28.86792	13.40000	-0.43031	12.624	-0.0013169	-2.8004	15.578E-6
4	Plot C Basement 13.4	206.00000	28.86792	13.40000	0.06252	12.624	-889.88E-6	-2.2218	12.365E-6
4	Plot C Basement 13.4	210.00000	28.86792	13.40000	0.36208	12.624	-639.15E-6	-1.8034	10.039E-6
4	Plot C Basement 13.4	214.00000	28.86792	13.40000	0.53789	12.624	-479.72E-6	-1.4903	8.2977E-6
4	Plot C Basement 13.4	218.00000	28.86792	13.40000	0.63275	12.624	-369.38E-6	-1.2477	6.9482E-6
4	Plot C Basement 13.4	222.00000	28.86792	13.40000	0.67864	12.624	-295.93E-6	-1.0606	5.9070E-6
4	Plot C Basement 13.4	226.00000	28.86792	13.40000	0.69044	12.624	-240.06E-6	-0.90962	5.0664E-6
4	Plot C Basement 13.4	230.00000	28.86792	13.40000	0.68152	12.624	-197.86E-6	-0.78715	4.3846E-6
4	Plot C Basement 13.4	234.00000	28.86792	13.40000	0.65992	12.624	-165.21E-6	-0.68657	3.8246E-6
4	Plot C Basement 13.4	238.00000	28.86792	13.40000	0.63004	12.624	-138.57E-6	-0.60227	3.3552E-6
4	Plot C Basement 13.4	242.00000	28.86792	13.40000	0.59806	12.624	-118.81E-6	-0.53299	2.9694E-6
4	Plot C Basement 13.4	246.00000	28.86792	13.40000	0.56359	12.624	-102.03E-6	-0.47374	2.6394E-6
4	Plot C Basement 13.4	250.00000	28.86792	13.40000	0.52900	12.624	-88.219E-6	-0.42324	2.3581E-6
4	Plot C Basement 13.4	-30.00000	32.83019	13.40000	0.24848	12.624	-762.85E-6	-0.35175	1.9368E-6
4	Plot C Basement 13.4	-26.00000	32.83019	13.40000	0.26498	12.624	-937.12E-6	-0.39107	2.1503E-6
4	Plot C Basement 13.4	-22.00000	32.83019	13.40000	0.28118	12.624	-0.0011623	-0.43678	2.3978E-6
4	Plot C Basement 13.4	-18.00000	32.83019	13.40000	0.29880	12.624	-0.0014569	-0.49029	2.6864E-6
4	Plot C Basement 13.4	-14.00000	32.83019	13.40000	0.31703	12.624	-0.0018477	-0.55342	3.0255E-6
4	Plot C Basement 13.4	-10.00000	32.83019	13.40000	0.33558	12.624	-0.0023741	-0.62853	3.4269E-6
4	Plot C Basement 13.4	-6.00000	32.83019	13.40000	0.35419	12.624	-0.0030955	-0.71876	3.8961E-6
4	Plot C Basement 13.4	-2.00000	32.83019	13.40000	0.37123	12.624	-0.0040103	-0.82832	4.4836E-6
4	Plot C Basement 13.4	2.00000	32.83019	13.40000	0.38625	12.624	-0.0055428	-0.96298	5.1866E-6
4	Plot C Basement 13.4	6.00000	32.83019	13.40000	0.39702	12.624	-0.0076510	-1.1308	6.0523E-6
4	Plot C Basement 13.4	10.00000	32.83019	13.40000	0.40054	12.624	-0.010829	-1.3433	7.1316E-6
4	Plot C Basement 13.4	14.00000	32.83019	13.40000	0.39217	12.624	-0.015786	-1.6175	8.4948E-6
4	Plot C Basement 13.4	18.00000	32.83019	13.40000	0.36472	12.624	-0.023830	-1.9792	10.243E-6
4	Plot C Basement 13.4	22.00000	32.83019	1					



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mDD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mDD]	[mm]				
4	Plot C Basement 13.4	202.00000	32.83019	13.40000	-0.42816	12.624	-0.0013301	2.7947	15.546E-6
4	Plot C Basement 13.4	206.00000	32.83019	13.40000	0.06594	12.624	-893.70E-6	-2.2146	12.325E-6
4	Plot C Basement 13.4	210.00000	32.83019	13.40000	0.36497	12.624	-640.48E-6	-1.7968	10.002E-6
4	Plot C Basement 13.4	214.00000	32.83019	13.40000	0.53988	12.624	-480.39E-6	-1.4848	8.2669E-6
4	Plot C Basement 13.4	218.00000	32.83019	13.40000	0.63512	12.624	-372.56E-6	-1.2451	6.9337E-6
4	Plot C Basement 13.4	222.00000	32.83019	13.40000	0.67917	12.624	-296.37E-6	-1.0571	5.8870E-6
4	Plot C Basement 13.4	226.00000	32.83019	13.40000	0.69052	12.624	-240.48E-6	-0.90677	5.0505E-6
4	Plot C Basement 13.4	230.00000	32.83019	13.40000	0.68130	12.624	-198.25E-6	-0.78488	4.3720E-6
4	Plot C Basement 13.4	234.00000	32.83019	13.40000	0.65951	12.624	-165.58E-6	-0.68475	3.8145E-6
4	Plot C Basement 13.4	238.00000	32.83019	13.40000	0.63043	12.624	-139.79E-6	-0.60158	3.3513E-6
4	Plot C Basement 13.4	242.00000	32.83019	13.40000	0.59751	12.624	-119.11E-6	-0.55181	2.9628E-6
4	Plot C Basement 13.4	246.00000	32.83019	13.40000	0.56303	12.624	-102.29E-6	-0.47278	2.6341E-6
4	Plot C Basement 13.4	250.00000	32.83019	13.40000	0.52845	12.624	-88.455E-6	-0.42245	2.3538E-6
4	Plot C Basement 13.4	-30.00000	36.79245	13.40000	0.24799	12.624	-763.08E-6	-0.35088	1.9319E-6
4	Plot C Basement 13.4	-26.00000	36.79245	13.40000	0.26385	12.624	-937.29E-6	-0.39003	2.1445E-6
4	Plot C Basement 13.4	-22.00000	36.79245	13.40000	-28060	12.624	-0.0011623	-0.43552	2.3907E-6
4	Plot C Basement 13.4	-18.00000	36.79245	13.40000	0.29817	12.624	-0.0014566	-0.48876	2.6779E-6
4	Plot C Basement 13.4	-14.00000	36.79245	13.40000	0.31636	12.624	-0.0018469	-0.55153	3.0150E-6
4	Plot C Basement 13.4	-10.00000	36.79245	13.40000	0.33488	12.624	-0.0023722	-0.62618	3.4138E-6
4	Plot C Basement 13.4	-6.00000	36.79245	13.40000	0.35320	12.624	-0.0030917	-0.71579	3.8897E-6
4	Plot C Basement 13.4	-2.00000	36.79245	13.40000	0.37054	12.624	-0.0040962	-0.82453	4.4627E-6
4	Plot C Basement 13.4	2.00000	36.79245	13.40000	0.38566	12.624	-0.0055293	-0.95805	5.1596E-6
4	Plot C Basement 13.4	6.00000	36.79245	13.40000	0.39664	12.624	-0.0076253	-1.1243	6.0168E-6
4	Plot C Basement 13.4	10.00000	36.79245	13.40000	0.40057	12.624	-0.010780	-1.3345	7.0841E-6
4	Plot C Basement 13.4	14.00000	36.79245	13.40000	0.39295	12.624	-0.015690	-1.6054	8.4308E-6
4	Plot C Basement 13.4	18.00000	36.79245	13.40000	0.36680	12.624	-0.023638	-1.9619	10.154E-6
4	Plot C Basement 13.4	22.00000	36.79245	13.40000	0.31122	12.624	-0.037121	-2.4434	12.389E-6
4	Plot C Basement 13.4	26.00000	36.79245	13.40000	0.20888	12.624	-0.061328	-3.1143	15.321E-6
4	Plot C Basement 13.4	30.00000	36.79245	13.40000	0.03158	12.624	-0.10794	-4.0854	19.178E-6
4	Plot C Basement 13.4	34.00000	36.79245	13.40000	-0.26789	12.624	-0.205890	-5.5597	24.124E-6
4	Plot C Basement 13.4	38.00000	36.79245	13.40000	-0.71117	12.624	-0.33620	-7.9369	29.167E-6
4	Plot C Basement 13.4	42.00000	36.79245	13.40000	-1.63085	12.624	-1.0608	-12.071	31.834E-6
4	Plot C Basement 13.4	46.00000	36.79245	13.40000	-3.13668	12.624	-3.0634	-19.911	8.5384E-6
4	Plot C Basement 13.4	50.00000	36.79245	13.40000	-5.82353	12.624	-10.088	-35.483	-139.71E-6
4	Plot C Basement 13.4	54.00000	36.79245	13.40000	-9.95951	12.624	-26.761	-60.872	-556.16E-6
4	Plot C Basement 13.4	58.00000	36.79245	13.40000	-13.97635	12.624	-40.437	-84.509	-882.07E-6
4	Plot C Basement 13.4	62.00000	36.79245	13.40000	-16.91756	12.624	-44.854	-99.443	-946.59E-6
4	Plot C Basement 13.4	66.00000	36.79245	13.40000	-19.30878	12.624	-45.567	-110.21	-910.36E-6
4	Plot C Basement 13.4	70.00000	36.79245	13.40000	-21.62488	12.624	-45.418	-120.89	-845.86E-6
4	Plot C Basement 13.4	74.00000	36.79245	13.40000	-24.40215	12.624	-48.459	-136.96	-857.96E-6
4	Plot C Basement 13.4	78.00000	36.79245	13.40000	-27.93884	12.624	-57.947	-161.29	-0.0010398
4	Plot C Basement 13.4	82.00000	36.79245	13.40000	-32.12225	12.624	-73.483	-191.74	-0.0013900
4	Plot C Basement 13.4	86.00000	36.79245	13.40000	-37.07718	12.624	-99.273	-228.07	-0.0020505
4	Plot C Basement 13.4	90.00000	36.79245	13.40000	-40.51913	12.624	-104.08	-243.78	-0.0021239
4	Plot C Basement 13.4	94.00000	36.79245	13.40000	-43.66453	12.624	-106.0	-248.92	-0.0021594
4	Plot C Basement 13.4	98.00000	36.79245	13.40000	-46.59503	12.624	-94.814	-228.24	-0.0019037
4	Plot C Basement 13.4	102.00000	36.79245	13.40000	-45.48132	12.624	-38.099	-167.94	-338.34E-6
4	Plot C Basement 13.4	106.00000	36.79245	13.40000	-61.68144	12.624	-164.49	-453.26	-0.0029773
4	Plot C Basement 13.4	110.00000	36.79245	13.40000	-69.38145	12.624	-173.45	-516.38	-0.0029252
4	Plot C Basement 13.4	114.00000	36.79245	13.40000	-79.92422	12.624	-172.57	-514.73	-0.0029094
4	Plot C Basement 13.4	118.00000	36.79245	13.40000	-73.27799	12.624	-172.27	-512.61	-0.0029064
4	Plot C Basement 13.4	122.00000	36.79245	13.40000	-73.97863	12.624	-172.14	-511.21	-0.0029100
4	Plot C Basement 13.4	126.00000	36.79245	13.40000	-74.45617	12.624	-172.08	-510.29	-0.0029131
4	Plot C Basement 13.4	130.00000	36.79245	13.40000	-74.75569	12.624	-172.05	-509.66	-0.0029156
4	Plot C Basement 13.4	134.00000	36.79245	13.40000	-74.92385	12.624	-172.03	-509.19	-0.0029177
4	Plot C Basement 13.4	138.00000	36.79245	13.40000	-74.97620	12.624	-172.02	-508.76	-0.0029196
4	Plot C Basement 13.4	142.00000	36.79245	13.40000	-74.90625	12.624	-172.01	-508.35	-0.0029217
4	Plot C Basement 13.4	146.00000	36.79245	13.40000	-74.68666	12.624	-172.01	-507.89	-0.0029241
4	Plot C Basement 13.4	150.00000	36.79245	13.40000	-74.26484	12.624	-172.01	-507.30	-0.0029273
4	Plot C Basement 13.4	154.00000	36.79245	13.40000	-73.59239	12.624	-172.00	-506.51	-0.0029316
4	Plot C Basement 13.4	158.00000	36.79245	13.40000	-72.40795	12.624	-172.00	-505.36	-0.0029380
4	Plot C Basement 13.4	162.00000	36.79245	13.40000	-70.59853	12.624	-172.00	-503.59	-0.0029478
4	Plot C Basement 13.4	166.00000	36.79245	13.40000	-67.73924	12.624	-171.99	-500.59	-0.0029642
4	Plot C Basement 13.4	170.00000	36.79245	13.40000	-63.17252	12.624	-171.96	-494.85	-0.0029953
4	Plot C Basement 13.4	174.00000	36.79245	13.40000	-55.71582	12.624	-171.82	-481.30	-0.0030661
4	Plot C Basement 13.4	178.00000	36.79245	13.40000	-41.93223	12.624	-164.19	-404.73	-0.0032379
4	Plot C Basement 13.4	182.00000	36.79245	13.40000	-16.84657	12.624	-0.78794	-37.286	181.63E-6
4	Plot C Basement 13.4	186.00000	36.79245	13.40000	-8.68389	12.624	-0.046472	-12.906	70.445E-6
4	Plot C Basement 13.4	190.00000	36.79245	13.40000	-4.72482	12.624	-0.010548	-7.3252	40.512E-6
4	Plot C Basement 13.4	194.00000	36.79245	13.40000	-0.44745	12.624	-0.0041622	-1.9308	27.368E-6
4	Plot C Basement 13.4	198.00000	36.79245	13.40000	-1.20505	12.624	-0.0021664	-3.6035	20.030E-6
4	Plot C Basement 13.4	202.00000	36.79245	13.40000	-0.40869	12.624	-0.0013198	-2.7647	15.379E-6
4	Plot C Basement 13.4	206.00000	36.79245	13.40000	0.07811	12.624	-886.80E-6	-2.1915	12.196E-6
4	Plot C Basement 13.4	210.00000	36.79245	13.40000	0.37201	12.624	-636.03E-6	-1.7790	9.9030E-6
4	Plot C Basement 13.4	214.00000	36.79245	13.40000	0.54345	12.624	-543.34E-6	-1.4709	8.1920E-6
4	Plot C Basement 13.4	218.00000	36.79245	13.40000	0.63642	12.624	-370.71E-6	-1.2342	6.8730E-6
4	Plot C Basement 13.4	222.00000	36.79245	13.40000	0.67902	12.624	-295.16E-6	-1.0484	5.8389E-6
4	Plot C Basement 13.4	226.00000	36.79245	13.40000	0.68949	12.624	-239.68E-6	-0.89988	5.0121E-6
4	Plot C Basement 13.4	230.00000	36.79245	13.40000	0.67977	12.624	-197.73E-6	-0.77934	4.3411E-6
4	Plot C Basement 13.4	234.00000	36.79245	13.40000	0.65792	12.624	-165.23E-6	-0.68026	3.7894E-6
4	Plot C Basement 13.4	238.00000	36.79245	13.40000	0.62854	12.624	-139.57E-6	-0.59791	3.3308E-6
4	Plot C Basement 13.4	242.00000	36.79245	13.40000	0.59563	12.624	-118.96E-6	-0.52879	2.9460E-6
4	Plot C Basement 13.4	246.00000	36.79245	13.40000	0.56122	12.624	-102.20E-6	-0.47028	2.6201E-6
4	Plot C Basement 13.4	250.00000	36.79245	13.40000	0.52675	12.624	-88.399E-6	-0.42037	2.3422E-6
4	Plot C Basement 13.4	-30.00000	40.75472	13.40000	0.24710	12.624	-757.36E-6	-0.48479	1.9204E-6
4	Plot C Basement 13.4	-26.00000	40.75472	13.40000	0.26288	12.624	-929.74E-6	-0.38752	2.1307E-6
4	Plot C Basement 13.4	-22.00000	40.75472	13.40000	0.27956	12.624	-0.0011519	-0.43248	2.3741E-6
4	Plot C Basement 13.4	-18.00000	40.75472	13.40000	0.29705	12.624	-0.0014420	-0.48503	2.6576E-6
4	Plot C Basement 13.4	-14.00000	40.75472	13.40000	0.31519	12.624	-0.0018260	-0.54693	2.9900E-6
4	Plot C Basement 13.4	-10.00000	40.75472	13.40000	0.33267	12.624	-0.0023419	-0.62049	3.3828E-6
4	Plot C Basement 13.4	-6.00000	40.75472	13.40000	0.35202	12.624	-0.0030466	-0.70852	3.8506E-6
4	Plot C Basement 13.4	-2.00000	40.75472	13.40000	0.36949	12.624	-0.0040276	-0.81520	4.4129E-6
4	Plot C Basement 13.4	2.00000	40.75472	13.40000	0.38489	12.624	-0.0054223	-0.94590	5.0954E-6
4	Plot C Basement 13.4	6.00000	40.75472	13.40000	0.39643	12.624	-0.0074536	-1.1082	5.9326E-6
4	Plot C Basement 13.4	10.00000	40.75472	13.40000	0.40135	12.624	-0.010495	-1.3127	6.9719E-6
4	Plot C Basement 13.4	14.00000	40.75472	13.40000	0.39546	12.624	-0.015199	-1.5752	8.2785E-6
4	Plot C Basement 13.4	18.00000	40.7						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	196.00000	40.75472	13.40000	-1.13738	12.624	-0.0020791	3.5193	19.563E-6
4	Plot C Basement 13.4	202.00000	40.75472	13.40000	-0.37023	12.624	-0.0012833	-2.7091	15.070E-6
4	Plot C Basement 13.4	206.00000	40.75472	13.40000	0.09972	12.624	-868.39E-6	-2.1521	11.977E-6
4	Plot C Basement 13.4	210.00000	40.75472	13.40000	0.38351	12.624	-625.54E-6	-1.7498	9.7405E-6
4	Plot C Basement 13.4	214.00000	40.75472	13.40000	0.54876	12.624	-471.04E-6	-1.4486	8.0657E-6
4	Plot C Basement 13.4	218.00000	40.75472	13.40000	0.63793	12.624	-366.49E-6	-1.2170	6.7768E-6
4	Plot C Basement 13.4	222.00000	40.75472	13.40000	0.67824	12.624	-292.28E-6	-1.0348	5.7631E-6
4	Plot C Basement 13.4	226.00000	40.75472	13.40000	0.68738	12.624	-237.67E-6	-0.88903	4.9516E-6
4	Plot C Basement 13.4	230.00000	40.75472	13.40000	0.67694	12.624	-196.29E-6	-0.77059	4.2923E-6
4	Plot C Basement 13.4	234.00000	40.75472	13.40000	0.65457	12.624	-164.18E-6	-0.67314	3.7497E-6
4	Plot C Basement 13.4	238.00000	40.75472	13.40000	0.62530	12.624	-138.70E-6	-0.59207	3.2983E-6
4	Plot C Basement 13.4	242.00000	40.75472	13.40000	0.59245	12.624	-118.37E-6	-0.52398	2.9191E-6
4	Plot C Basement 13.4	246.00000	40.75472	13.40000	0.55819	12.624	-101.75E-6	-0.46628	2.5978E-6
4	Plot C Basement 13.4	250.00000	40.75472	13.40000	0.52391	12.624	-88.052E-6	-0.41702	2.3235E-6
4	Plot C Basement 13.4	-30.00000	44.71698	13.40000	0.24582	12.624	-746.42E-6	-0.34552	1.9026E-6
4	Plot C Basement 13.4	136.00000	44.71698	13.40000	93.26149	12.624	-914.77E-6	-0.38359	2.1091E-6
4	Plot C Basement 13.4	-22.00000	44.71698	13.40000	0.27805	12.624	-0.0011315	-0.42772	2.3482E-6
4	Plot C Basement 13.4	-18.00000	44.71698	13.40000	0.29544	12.624	-0.0014137	-0.47922	2.6261E-6
4	Plot C Basement 13.4	-14.00000	44.71698	13.40000	0.31350	12.624	-0.0017861	-0.53975	2.9513E-6
4	Plot C Basement 13.4	-10.00000	44.71698	13.40000	0.33196	12.624	-0.0022846	-0.61146	3.3347E-6
4	Plot C Basement 13.4	-6.00000	44.71698	13.40000	0.35037	12.624	-0.0029629	-0.69719	3.7902E-6
4	Plot C Basement 13.4	-2.00000	44.71698	13.40000	0.36803	12.624	-0.0039023	-0.80069	4.3362E-6
4	Plot C Basement 13.4	2.00000	44.71698	13.40000	0.38386	12.624	-0.0052301	-0.92703	4.9965E-6
4	Plot C Basement 13.4	6.00000	44.71698	13.40000	0.39623	12.624	-0.0071503	-1.0832	5.8035E-6
4	Plot C Basement 13.4	10.00000	44.71698	13.40000	0.40264	12.624	-0.010001	-1.2790	6.8005E-6
4	Plot C Basement 13.4	14.00000	44.71698	13.40000	0.39292	12.624	-0.014341	-1.5287	7.9041E-6
4	Plot C Basement 13.4	18.00000	44.71698	13.40000	0.38045	12.624	-0.021284	-1.8530	9.6250E-6
4	Plot C Basement 13.4	22.00000	44.71698	13.40000	0.33727	12.624	-0.032729	-2.2841	11.647E-6
4	Plot C Basement 13.4	26.00000	44.71698	13.40000	0.25609	12.624	-0.052652	-2.8726	14.263E-6
4	Plot C Basement 13.4	30.00000	44.71698	13.40000	0.11533	12.624	-0.089583	-3.7027	17.658E-6
4	Plot C Basement 13.4	34.00000	44.71698	13.40000	-0.11988	12.624	-0.16374	-4.9225	21.981E-6
4	Plot C Basement 13.4	38.00000	44.71698	13.40000	-0.50780	12.624	-0.32902	-6.8106	26.981E-6
4	Plot C Basement 13.4	42.00000	44.71698	13.40000	-1.15075	12.624	-0.75208	-9.9363	30.258E-6
4	Plot C Basement 13.4	46.00000	44.71698	13.40000	-2.23962	12.624	-2.0391	-15.559	35.547E-6
4	Plot C Basement 13.4	50.00000	44.71698	13.40000	-4.12196	12.624	-6.4684	-26.331	43.619E-6
4	Plot C Basement 13.4	54.00000	44.71698	13.40000	-7.10075	12.624	-17.924	-44.430	51.75E-6
4	Plot C Basement 13.4	58.00000	44.71698	13.40000	-10.33613	12.624	-30.289	-64.022	65.668E-6
4	Plot C Basement 13.4	62.00000	44.71698	13.40000	-13.01060	12.624	-37.573	-78.928	81.732E-6
4	Plot C Basement 13.4	66.00000	44.71698	13.40000	-15.20006	12.624	-41.710	-89.881	89.72E-6
4	Plot C Basement 13.4	70.00000	44.71698	13.40000	-17.10163	12.624	-44.121	-98.331	92.26E-6
4	Plot C Basement 13.4	74.00000	44.71698	13.40000	-18.87778	12.624	-45.503	-105.29	93.57E-6
4	Plot C Basement 13.4	78.00000	44.71698	13.40000	-20.67818	12.624	-46.277	-111.59	92.47E-6
4	Plot C Basement 13.4	82.00000	44.71698	13.40000	-22.67730	12.624	-46.842	-118.17	90.863E-6
4	Plot C Basement 13.4	86.00000	44.71698	13.40000	-25.07193	12.624	-47.590	-125.96	89.021E-6
4	Plot C Basement 13.4	90.00000	44.71698	13.40000	-28.36514	12.624	-51.904	-138.80	96.239E-6
4	Plot C Basement 13.4	94.00000	44.71698	13.40000	-32.48708	12.624	-56.409	-152.02	-0.0010401
4	Plot C Basement 13.4	98.00000	44.71698	13.40000	-38.84501	12.624	-72.436	-172.68	-0.0014612
4	Plot C Basement 13.4	102.00000	44.71698	13.40000	-50.81883	12.624	-112.36	-331.00	-0.0019144
4	Plot C Basement 13.4	106.00000	44.71698	13.40000	-64.21012	12.624	-178.70	-518.60	-0.0030885
4	Plot C Basement 13.4	110.00000	44.71698	13.40000	-79.95343	12.624	-173.89	-516.06	-0.0029413
4	Plot C Basement 13.4	114.00000	44.71698	13.40000	-70.55286	12.624	-172.69	-512.87	-0.0029192
4	Plot C Basement 13.4	118.00000	44.71698	13.40000	-71.92104	12.624	-172.30	-510.96	-0.0029169
4	Plot C Basement 13.4	122.00000	44.71698	13.40000	-72.82082	12.624	-172.15	-509.83	-0.0029181
4	Plot C Basement 13.4	126.00000	44.71698	13.40000	-73.43881	12.624	-172.08	-509.14	-0.0029197
4	Plot C Basement 13.4	130.00000	44.71698	13.40000	-73.96393	12.624	-172.05	-508.68	-0.0029211
4	Plot C Basement 13.4	134.00000	44.71698	13.40000	-74.14654	12.624	-172.03	-508.33	-0.0029224
4	Plot C Basement 13.4	138.00000	44.71698	13.40000	-74.29372	12.624	-172.02	-508.03	-0.0029237
4	Plot C Basement 13.4	142.00000	44.71698	13.40000	-74.30011	12.624	-172.01	-507.70	-0.0029253
4	Plot C Basement 13.4	146.00000	44.71698	13.40000	-74.13574	12.624	-172.01	-507.29	-0.0029275
4	Plot C Basement 13.4	150.00000	44.71698	13.40000	-74.74248	12.624	-172.01	-506.74	-0.0029304
4	Plot C Basement 13.4	154.00000	44.71698	13.40000	-73.02086	12.624	-172.00	-505.94	-0.0029348
4	Plot C Basement 13.4	158.00000	44.71698	13.40000	-71.80462	12.624	-172.00	-504.72	-0.0029415
4	Plot C Basement 13.4	162.00000	44.71698	13.40000	-69.81077	12.624	-172.00	-502.70	-0.0029526
4	Plot C Basement 13.4	166.00000	44.71698	13.40000	-66.53262	12.624	-171.98	-498.96	-0.0029730
4	Plot C Basement 13.4	170.00000	44.71698	13.40000	-62.98343	12.624	-171.91	-490.28	-0.0030192
4	Plot C Basement 13.4	174.00000	44.71698	13.40000	-50.29551	12.624	-170.21	-451.53	-0.0031782
4	Plot C Basement 13.4	178.00000	44.71698	13.40000	-24.06751	12.624	-2.6235	-65.296	276.45E-6
4	Plot C Basement 13.4	182.00000	44.71698	13.40000	-12.91526	12.624	-0.10069	-19.388	104.79E-6
4	Plot C Basement 13.4	186.00000	44.71698	13.40000	-7.31202	12.624	-0.020879	-10.244	56.447E-6
4	Plot C Basement 13.4	190.00000	44.71698	13.40000	-4.11695	12.624	-0.0073823	-6.5173	36.11E-6
4	Plot C Basement 13.4	194.00000	44.71698	13.40000	-2.20682	12.624	-0.0034636	-4.5670	25.362E-6
4	Plot C Basement 13.4	198.00000	44.71698	13.40000	-1.03768	12.624	-0.0019422	-3.3970	18.886E-6
4	Plot C Basement 13.4	202.00000	44.71698	13.40000	-0.31522	12.624	-0.0012263	-2.6307	14.635E-6
4	Plot C Basement 13.4	206.00000	44.71698	13.40000	0.12979	12.624	-840.05E-6	-2.0975	11.673E-6
4	Plot C Basement 13.4	210.00000	44.71698	13.40000	0.39902	12.624	-609.54E-6	-1.7099	9.5184E-6
4	Plot C Basement 13.4	214.00000	44.71698	13.40000	0.55560	12.624	-461.16E-6	-1.4185	7.8977E-6
4	Plot C Basement 13.4	218.00000	44.71698	13.40000	0.63958	12.624	-359.97E-6	-1.1936	6.6467E-6
4	Plot C Basement 13.4	222.00000	44.71698	13.40000	0.67682	12.624	-287.80E-6	-1.0164	5.6607E-6
4	Plot C Basement 13.4	226.00000	44.71698	13.40000	0.68421	12.624	-234.48E-6	-0.87436	4.8699E-6
4	Plot C Basement 13.4	230.00000	44.71698	13.40000	0.67285	12.624	-193.75E-6	-0.75875	4.2263E-6
4	Plot C Basement 13.4	234.00000	44.71698	13.40000	0.65007	12.624	-162.43E-6	-0.66350	3.6960E-6
4	Plot C Basement 13.4	238.00000	44.71698	13.40000	0.62072	12.624	-137.46E-6	-0.58416	3.2542E-6
4	Plot C Basement 13.4	242.00000	44.71698	13.40000	0.58798	12.624	-117.35E-6	-0.51743	2.8826E-6
4	Plot C Basement 13.4	246.00000	44.71698	13.40000	0.55394	12.624	-100.95E-6	-0.46083	2.5674E-6
4	Plot C Basement 13.4	250.00000	44.71698	13.40000	0.51696	12.624	-87.419E-6	-0.41245	2.2980E-6
4	Plot C Basement 13.4	-30.00000	48.67925	13.40000	0.24416	12.624	-730.10E-6	-0.34114	1.8796E-6
4	Plot C Basement 13.4	-26.00000	48.67925	13.40000	0.25967	12.624	-892.92E-6	-0.37833	2.0807E-6
4	Plot C Basement 13.4	-22.00000	48.67925	13.40000	0.27610	12.624	-0.0011018	-0.42135	2.3137E-6
4	Plot C Basement 13.4	-18.00000	48.67925	13.40000	0.29336	12.624	-0.0013729	-0.47144	2.5841E-6
4	Plot C Basement 13.4	-14.00000	48.67925	13.40000	0.31132	12.624	-0.0017291	-0.53017	2.8962E-6
4	Plot C Basement 13.4	-10.00000	48.67925	13.40000	0.32973	12.624	-0.0022035	-0.59954	3.2709E-6
4	Plot C Basement 13.4	-6.00000	48.67925	13.40000	0.34821	12.624	-0.0028453	-0.68217	3.7103E-6
4	Plot C Basement 13.4	-2.00000	48.67925	13.40000	0.36611	12.624	-0.0037281	-0.78151	4.2350E-6
4	Plot C Basement 13.4	2.00000	48.67925	13.40000	0.38249	12.624	-0.0049659	-0.90219	4.8668E-6
4	Plot C Basement 13.4	6.00000	48.67925	13.40000	0.39588	12.624	-0.0067889	-1.0505	5.6349E-6
4	Plot C Basement 13.4	10.00000	48.67925	13.40000	0.40410	12.624	-0.0093407	-1.2352	6.5781E-6
4	Plot C Basement 13.4	14.00000	48.67925						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	194.00000	48.67925	13.40000	-1.39068	12.624	-0.0030527	-4.3177	23.985E-6
4	Plot C Basement 13.4	198.00000	48.67925	13.40000	-0.91843	12.624	-0.0017897	-3.2499	18.070E-6
4	Plot C Basement 13.4	202.00000	48.67925	13.40000	-0.24876	12.624	-0.0011582	-2.5345	14.100E-6
4	Plot C Basement 13.4	206.00000	48.67925	13.40000	0.16609	12.624	-804.80E-6	-2.0301	11.298E-6
4	Plot C Basement 13.4	210.00000	48.67925	13.40000	0.41757	12.624	-589.12E-6	-1.6604	9.2431E-6
4	Plot C Basement 13.4	214.00000	48.67925	13.40000	0.56352	12.624	-448.32E-6	-1.3810	7.6892E-6
4	Plot C Basement 13.4	218.00000	48.67925	13.40000	0.64115	12.624	-351.40E-6	-1.1646	6.4852E-6
4	Plot C Basement 13.4	222.00000	48.67925	13.40000	0.67466	12.624	-281.83E-6	-0.99357	5.5334E-6
4	Plot C Basement 13.4	226.00000	48.67925	13.40000	0.67994	12.624	-230.17E-6	-0.85610	4.7682E-6
4	Plot C Basement 13.4	230.00000	48.67925	13.40000	0.66749	12.624	-190.76E-6	-0.74401	4.1442E-6
4	Plot C Basement 13.4	234.00000	48.67925	13.40000	0.64226	12.624	-160.03E-6	-0.65148	3.6205E-6
4	Plot C Basement 13.4	238.00000	48.67925	13.40000	0.61484	12.624	-135.61E-6	-0.57427	3.1991E-6
4	Plot C Basement 13.4	242.00000	48.67925	13.40000	0.58227	12.624	-115.91E-6	-0.50923	2.8370E-6
4	Plot C Basement 13.4	246.00000	48.67925	13.40000	0.54853	12.624	-99.811E-6	-0.45399	2.5293E-6
4	Plot C Basement 13.4	250.00000	48.67925	13.40000	0.51490	12.624	-86.509E-6	-0.40671	2.2660E-6
4	Plot C Basement 13.4	254.00000	52.64151	13.40000	0.32699	12.624	-709.08E-6	-0.33571	1.8489E-6
4	Plot C Basement 13.4	-26.00000	52.64151	13.40000	0.25745	12.624	-864.92E-6	-0.37183	2.0454E-6
4	Plot C Basement 13.4	-22.00000	52.64151	13.40000	0.27370	12.624	-0.0010640	-0.41351	2.2712E-6
4	Plot C Basement 13.4	-18.00000	52.64151	13.40000	0.29080	12.624	-0.0013212	-0.46189	2.5325E-6
4	Plot C Basement 13.4	-14.00000	52.64151	13.40000	0.30863	12.624	-0.0016574	-0.51844	2.8367E-6
4	Plot C Basement 13.4	-10.00000	52.64151	13.40000	0.32699	12.624	-0.0021024	-0.58498	3.1910E-6
4	Plot C Basement 13.4	-6.00000	52.64151	13.40000	0.34552	12.624	-0.0027000	-0.66390	3.6133E-6
4	Plot C Basement 13.4	-2.00000	52.64151	13.40000	0.36368	12.624	-0.0035151	-0.75831	4.1127E-6
4	Plot C Basement 13.4	2.00000	52.64151	13.40000	0.38064	12.624	-0.0046467	-0.87232	4.7109E-6
4	Plot C Basement 13.4	6.00000	52.64151	13.40000	0.39516	12.624	-0.0062483	-1.0115	5.4335E-6
4	Plot C Basement 13.4	10.00000	52.64151	13.40000	0.40856	12.624	-0.0085655	-1.1833	6.2433E-6
4	Plot C Basement 13.4	14.00000	52.64151	13.40000	0.40852	12.624	-0.012002	-1.3982	7.3984E-6
4	Plot C Basement 13.4	18.00000	52.64151	13.40000	0.40056	12.624	-0.017246	-1.6712	8.7456E-6
4	Plot C Basement 13.4	22.00000	52.64151	13.40000	0.37552	12.624	-0.025512	-2.0237	10.436E-6
4	Plot C Basement 13.4	26.00000	52.64151	13.40000	0.32459	12.624	-0.039047	-2.4878	12.572E-6
4	Plot C Basement 13.4	30.00000	52.64151	13.40000	0.23475	12.624	-0.062247	-3.1126	15.251E-6
4	Plot C Basement 13.4	34.00000	52.64151	13.40000	0.08671	12.624	-0.10405	-3.9752	18.694E-6
4	Plot C Basement 13.4	38.00000	52.64151	13.40000	-0.14808	12.624	-0.18431	-5.2010	22.845E-6
4	Plot C Basement 13.4	42.00000	52.64151	13.40000	-0.51133	12.624	-0.34885	-6.9961	27.352E-6
4	Plot C Basement 13.4	46.00000	52.64151	13.40000	-1.06797	12.624	-0.70544	-9.6909	30.450E-6
4	Plot C Basement 13.4	50.00000	52.64151	13.40000	-1.86423	12.624	-1.4769	-13.731	27.164E-6
4	Plot C Basement 13.4	54.00000	52.64151	13.40000	-2.96025	12.624	-2.9486	-19.433	9.7162E-6
4	Plot C Basement 13.4	58.00000	52.64151	13.40000	-4.31487	12.624	-5.2385	-26.625	-26.809E-6
4	Plot C Basement 13.4	62.00000	52.64151	13.40000	-5.87185	12.624	-8.4707	-34.972	-88.435E-6
4	Plot C Basement 13.4	66.00000	52.64151	13.40000	-7.61983	12.624	-12.990	-44.410	-187.07E-6
4	Plot C Basement 13.4	70.00000	52.64151	13.40000	-9.55864	12.624	-18.953	-54.844	-328.43E-6
4	Plot C Basement 13.4	74.00000	52.64151	13.40000	-11.64703	12.624	-25.821	-65.759	-497.43E-6
4	Plot C Basement 13.4	78.00000	52.64151	13.40000	-13.81118	12.624	-32.418	-76.260	-669.66E-6
4	Plot C Basement 13.4	82.00000	52.64151	13.40000	-16.01830	12.624	-37.694	-85.481	-784.81E-6
4	Plot C Basement 13.4	86.00000	52.64151	13.40000	-18.36320	12.624	-41.271	-92.932	-862.98E-6
4	Plot C Basement 13.4	90.00000	52.64151	13.40000	-20.17380	12.624	-43.135	-98.645	-893.50E-6
4	Plot C Basement 13.4	94.00000	52.64151	13.40000	-25.40686	12.624	-42.713	-105.23	-842.65E-6
4	Plot C Basement 13.4	98.00000	52.64151	13.40000	-35.17452	12.624	-46.314	-174.32	-577.71E-6
4	Plot C Basement 13.4	102.00000	52.64151	13.40000	-55.72867	12.624	-190.32	-509.31	-0.0035291
4	Plot C Basement 13.4	106.00000	52.64151	13.40000	-64.47022	12.624	-178.02	-513.47	-0.0030942
4	Plot C Basement 13.4	110.00000	52.64151	13.40000	-64.47022	12.624	-173.96	-509.41	-0.0029776
4	Plot C Basement 13.4	114.00000	52.64151	13.40000	-66.73995	12.624	-172.68	-507.37	-0.0029493
4	Plot C Basement 13.4	118.00000	52.64151	13.40000	-68.45030	12.624	-172.29	-506.56	-0.0029409
4	Plot C Basement 13.4	122.00000	52.64151	13.40000	-69.76678	12.624	-172.14	-506.30	-0.0029374
4	Plot C Basement 13.4	126.00000	52.64151	13.40000	-70.78991	12.624	-172.06	-506.26	-0.0029155
4	Plot C Basement 13.4	130.00000	52.64151	13.40000	-71.58212	12.624	-172.04	-506.29	-0.0029342
4	Plot C Basement 13.4	134.00000	52.64151	13.40000	-72.17909	12.624	-172.03	-506.33	-0.0029334
4	Plot C Basement 13.4	138.00000	52.64151	13.40000	-72.59489	12.624	-172.02	-506.32	-0.0029332
4	Plot C Basement 13.4	142.00000	52.64151	13.40000	-72.82276	12.624	-172.01	-506.22	-0.0029335
4	Plot C Basement 13.4	146.00000	52.64151	13.40000	-72.83164	12.624	-172.01	-505.99	-0.0029347
4	Plot C Basement 13.4	150.00000	52.64151	13.40000	-72.55686	12.624	-172.00	-505.55	-0.0029370
4	Plot C Basement 13.4	154.00000	52.64151	13.40000	-71.88044	12.624	-172.00	-504.80	-0.0029411
4	Plot C Basement 13.4	158.00000	52.64151	13.40000	-70.58938	12.624	-172.00	-503.47	-0.0029485
4	Plot C Basement 13.4	162.00000	52.64151	13.40000	-68.27805	12.624	-171.99	-500.92	-0.0029624
4	Plot C Basement 13.4	166.00000	52.64151	13.40000	-64.08308	12.624	-171.95	-494.96	-0.0029994
4	Plot C Basement 13.4	170.00000	52.64151	13.40000	-55.74856	12.624	-171.37	-471.98	-0.0031031
4	Plot C Basement 13.4	174.00000	52.64151	13.40000	-31.08802	12.624	-13.583	-121.63	223.87E-6
4	Plot C Basement 13.4	178.00000	52.64151	13.40000	-16.83495	12.624	-0.17989	-26.016	139.11E-6
4	Plot C Basement 13.4	182.00000	52.64151	13.40000	-9.87870	12.624	-0.032647	-13.155	72.292E-6
4	Plot C Basement 13.4	186.00000	52.64151	13.40000	-5.81429	12.624	-0.011119	-8.1564	45.129E-6
4	Plot C Basement 13.4	190.00000	52.64151	13.40000	-3.32504	12.624	-0.0050378	-5.5822	30.973E-6
4	Plot C Basement 13.4	194.00000	52.64151	13.40000	-1.77014	12.624	-0.0027129	-4.0640	22.581E-6
4	Plot C Basement 13.4	198.00000	52.64151	13.40000	-0.79141	12.624	-0.0016451	-3.0895	17.180E-6
4	Plot C Basement 13.4	202.00000	52.64151	13.40000	-0.17624	12.624	-0.0010871	-2.4256	13.495E-6
4	Plot C Basement 13.4	206.00000	52.64151	13.40000	0.20611	12.624	-765.59E-6	-1.9523	10.865E-6
4	Plot C Basement 13.4	210.00000	52.64151	13.40000	0.43793	12.624	-565.48E-6	-1.6027	8.9221E-6
4	Plot C Basement 13.4	214.00000	52.64151	13.40000	0.57195	12.624	-433.07E-6	-1.3371	7.4447E-6
4	Plot C Basement 13.4	218.00000	52.64151	13.40000	0.64238	12.624	-341.04E-6	-1.1305	6.2951E-6
4	Plot C Basement 13.4	222.00000	52.64151	13.40000	0.67165	12.624	-274.51E-6	-0.96662	5.3833E-6
4	Plot C Basement 13.4	226.00000	52.64151	13.40000	0.67455	12.624	-224.84E-6	-0.83454	4.6481E-6
4	Plot C Basement 13.4	230.00000	52.64151	13.40000	0.66089	12.624	-186.78E-6	-0.72656	4.0470E-6
4	Plot C Basement 13.4	234.00000	52.64151	13.40000	0.63717	12.624	-156.99E-6	-0.63723	3.5496E-6
4	Plot C Basement 13.4	238.00000	52.64151	13.40000	0.60771	12.624	-133.26E-6	-0.56253	3.1337E-6
4	Plot C Basement 13.4	242.00000	52.64151	13.40000	0.57536	12.624	-114.07E-6	-0.49950	2.7827E-6
4	Plot C Basement 13.4	246.00000	52.64151	13.40000	0.54200	12.624	-98.348E-6	-0.44586	2.4840E-6
4	Plot C Basement 13.4	250.00000	52.64151	13.40000	0.50882	12.624	-85.335E-6	-0.39987	2.2279E-6
4	Plot C Basement 13.4	-30.00000	56.60377	13.40000	0.23971	12.624	-684.00E-6	-0.32934	1.8144E-6
4	Plot C Basement 13.4	-26.00000	56.60377	13.40000	0.25484	12.624	-831.69E-6	-0.36422	2.0040E-6
4	Plot C Basement 13.4	-22.00000	56.60377	13.40000	0.27087	12.624	-0.0010195	-0.40435	2.2216E-6
4	Plot C Basement 13.4	-18.00000	56.60377	13.40000	0.28778	12.624	-0.0012607	-0.45078	2.4765E-6
4	Plot C Basement 13.4	-14.00000	56.60377	13.40000	0.30545	12.624	-0.0015740	-0.50484	2.7636E-6
4	Plot C Basement 13.4	-10.00000	56.60377	13.40000	0.32371	12.624	-0.0019857	-0.56818	3.1032E-6
4	Plot C Basement 13.4	-6.00000	56.60377	13.40000	0.34227	12.624	-0.0025339	-0.64292	3.5019E-6
4	Plot C Basement 13.4	-2.00000	56.60377	13.40000	0.36067	12.624	-0.0032744	-0.73183	3.9730E-6
4	Plot C Basement 13.4	2.00000	56.60377	13.40000	0.37821	12.624	-0.0042905	-0.83846	4.5339E-6
4	Plot C Basement 13.4	6.00000	56.60377	13.40000	0.39385	12.624	-0.0057091	-0.96756	5.2066E-6
4	Plot C Basement 13.4	10.00000	56.6						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [μ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	190.00000	56.60377	13.40000	-2.97777	12.624	-0.0044496	-5.1970	28.843E-6
4	Plot C Basement 13.4	194.00000	56.60377	13.40000	-1.55769	12.624	-0.0024532	-3.8168	21.211E-6
4	Plot C Basement 13.4	198.00000	56.60377	13.40000	-0.66360	12.624	-0.0015166	-2.9224	16.252E-6
4	Plot C Basement 13.4	202.00000	56.60377	13.40000	-0.10139	12.624	-0.0010172	-2.3077	12.840E-6
4	Plot C Basement 13.4	206.00000	56.60377	13.40000	0.24786	12.624	-724.41E-6	-1.8662	10.387E-6
4	Plot C Basement 13.4	210.00000	56.60377	13.40000	-9.45906	12.624	-539.57E-6	-1.5392	8.5628E-6
4	Plot C Basement 13.4	214.00000	56.60377	13.40000	0.58033	12.624	-415.89E-6	-1.2876	7.1691E-6
4	Plot C Basement 13.4	218.00000	56.60377	13.40000	0.64300	12.624	-329.16E-6	-1.0918	6.0800E-6
4	Plot C Basement 13.4	222.00000	56.60377	13.40000	0.66768	12.624	-266.00E-6	-0.93603	5.2129E-6
4	Plot C Basement 13.4	226.00000	56.60377	13.40000	0.66801	12.624	-218.59E-6	-0.81001	4.5114E-6
4	Plot C Basement 13.4	230.00000	56.60377	13.40000	0.65305	12.624	-182.08E-6	-0.70668	3.9363E-6
4	Plot C Basement 13.4	234.00000	56.60377	13.40000	0.62883	12.624	-153.39E-6	-0.62096	3.4590E-6
4	Plot C Basement 13.4	238.00000	56.60377	13.40000	0.59937	12.624	-130.46E-6	-0.54912	3.0590E-6
4	Plot C Basement 13.4	242.00000	56.60377	13.40000	0.56731	12.624	-111.85E-6	-0.48834	2.7206E-6
4	Plot C Basement 13.4	246.00000	56.60377	13.40000	0.53439	12.624	-96.582E-6	-0.43652	2.4320E-6
4	Plot C Basement 13.4	250.00000	56.60377	13.40000	0.50175	12.624	-83.911E-6	-0.39201	2.1841E-6
4	Plot C Basement 13.4	-30.00000	60.56604	13.40000	0.23696	12.624	-655.56E-6	-0.32214	1.7752E-6
4	Plot C Basement 13.4	-26.00000	60.56604	13.40000	0.25184	12.624	-794.20E-6	-0.35563	1.9574E-6
4	Plot C Basement 13.4	-22.00000	60.56604	13.40000	0.26763	12.624	-969.53E-6	-0.39405	2.1658E-6
4	Plot C Basement 13.4	-18.00000	60.56604	13.40000	0.28430	12.624	-0.0011933	-0.43833	2.4054E-6
4	Plot C Basement 13.4	-14.00000	60.56604	13.40000	0.30177	12.624	-0.0014819	-0.48967	2.6821E-6
4	Plot C Basement 13.4	-10.00000	60.56604	13.40000	0.31990	12.624	-0.0018580	-0.54953	3.0035E-6
4	Plot C Basement 13.4	-6.00000	60.56604	13.40000	0.33845	12.624	-0.0023541	-0.61979	3.3788E-6
4	Plot C Basement 13.4	-2.00000	60.56604	13.40000	0.35703	12.624	-0.0030170	-0.70281	3.8198E-6
4	Plot C Basement 13.4	2.00000	60.56604	13.40000	-0.37509	12.624	-0.0039149	-0.80166	4.3412E-6
4	Plot C Basement 13.4	6.00000	60.56604	13.40000	-0.39177	12.624	-0.0051498	-0.92029	4.9615E-6
4	Plot C Basement 13.4	10.00000	60.56604	13.40000	0.40586	12.624	-0.0068764	-1.0639	5.7051E-6
4	Plot C Basement 13.4	14.00000	60.56604	13.40000	0.41560	12.624	-0.0093338	-1.2394	6.6018E-6
4	Plot C Basement 13.4	18.00000	60.56604	13.40000	0.41851	12.624	-0.012900	-1.4560	7.6907E-6
4	Plot C Basement 13.4	22.00000	60.56604	13.40000	0.41111	12.624	-0.018186	-1.7261	9.0208E-6
4	Plot C Basement 13.4	26.00000	60.56604	13.40000	0.38859	12.624	-0.026196	-2.0668	10.653E-6
4	Plot C Basement 13.4	30.00000	60.56604	13.40000	0.34442	12.624	-0.038619	-2.5011	12.660E-6
4	Plot C Basement 13.4	34.00000	60.56604	13.40000	0.26990	12.624	-0.058323	-3.0608	15.123E-6
4	Plot C Basement 13.4	38.00000	60.56604	13.40000	0.15393	12.624	-0.090166	-3.7877	18.112E-6
4	Plot C Basement 13.4	42.00000	60.56604	13.40000	-0.01688	12.624	-0.14222	-4.7355	21.661E-6
4	Plot C Basement 13.4	46.00000	60.56604	13.40000	-0.26655	12.624	-0.25616	-5.9647	25.705E-6
4	Plot C Basement 13.4	50.00000	60.56604	13.40000	-0.57785	12.624	-0.35747	-7.5303	30.044E-6
4	Plot C Basement 13.4	54.00000	60.56604	13.40000	-0.98749	12.624	-0.55102	-9.4621	34.342E-6
4	Plot C Basement 13.4	58.00000	60.56604	13.40000	-1.48720	12.624	-0.82093	-11.761	38.131E-6
4	Plot C Basement 13.4	62.00000	60.56604	13.40000	-2.07896	12.624	-1.11902	-14.426	40.641E-6
4	Plot C Basement 13.4	66.00000	60.56604	13.40000	-2.77374	12.624	-1.7070	-17.500	40.489E-6
4	Plot C Basement 13.4	70.00000	60.56604	13.40000	-3.59530	12.624	-2.4592	-21.078	35.276E-6
4	Plot C Basement 13.4	74.00000	60.56604	13.40000	-4.58333	12.624	-3.5928	-25.312	20.949E-6
4	Plot C Basement 13.4	78.00000	60.56604	13.40000	-5.79534	12.624	-5.3354	-30.381	-9.1016E-6
4	Plot C Basement 13.4	82.00000	60.56604	13.40000	-7.31171	12.624	-8.0044	-36.449	-64.586E-6
4	Plot C Basement 13.4	86.00000	60.56604	13.40000	-9.24500	12.624	-9.20	-43.551	-156.02E-6
4	Plot C Basement 13.4	90.00000	60.56604	13.40000	-11.76430	12.624	-17.043	-51.435	-283.54E-6
4	Plot C Basement 13.4	94.00000	60.56604	13.40000	-15.18193	12.624	-22.101	-59.940	-405.39E-6
4	Plot C Basement 13.4	98.00000	60.56604	13.40000	-20.00977	12.624	-22.971	-72.826	-362.62E-6
4	Plot C Basement 13.4	102.00000	60.56604	13.40000	-25.04254	12.624	-17.056	-103.28	5.2572E-6
4	Plot C Basement 13.4	106.00000	60.56604	13.40000	-36.91897	12.624	-90.285	-269.77	-0.0015171
4	Plot C Basement 13.4	110.00000	60.56604	13.40000	-47.99696	12.624	-169.07	-440.20	-0.0032033
4	Plot C Basement 13.4	114.00000	60.56604	13.40000	-53.90597	12.624	-171.83	-475.16	-0.0031008
4	Plot C Basement 13.4	118.00000	60.56604	13.40000	-58.14614	12.624	-172.02	-487.49	-0.0030383
4	Plot C Basement 13.4	122.00000	60.56604	13.40000	-61.35252	12.624	-172.03	-493.58	-0.0030058
4	Plot C Basement 13.4	126.00000	60.56604	13.40000	-63.85191	12.624	-172.02	-497.16	-0.0029843
4	Plot C Basement 13.4	130.00000	60.56604	13.40000	-65.81296	12.624	-172.01	-499.47	-0.0029712
4	Plot C Basement 13.4	134.00000	60.56604	13.40000	-67.35046	12.624	-172.01	-501.03	-0.0029624
4	Plot C Basement 13.4	138.00000	60.56604	13.40000	-68.52870	12.624	-172.01	-502.09	-0.0029564
4	Plot C Basement 13.4	142.00000	60.56604	13.40000	-69.37525	12.624	-172.00	-502.77	-0.0029525
4	Plot C Basement 13.4	146.00000	60.56604	13.40000	-69.88143	12.624	-172.00	-503.11	-0.0029506
4	Plot C Basement 13.4	150.00000	60.56604	13.40000	-69.99453	12.624	-172.00	-503.09	-0.0029506
4	Plot C Basement 13.4	154.00000	60.56604	13.40000	-69.59787	12.624	-172.00	-502.63	-0.0029532
4	Plot C Basement 13.4	158.00000	60.56604	13.40000	-68.46570	12.624	-172.00	-501.44	-0.0029597
4	Plot C Basement 13.4	162.00000	60.56604	13.40000	-66.51172	12.624	-171.99	-498.93	-0.0029539
4	Plot C Basement 13.4	166.00000	60.56604	13.40000	-61.78605	12.624	-171.93	-492.16	-0.0030094
4	Plot C Basement 13.4	170.00000	60.56604	13.40000	-52.67909	12.624	-169.60	-456.94	-0.0031279
4	Plot C Basement 13.4	174.00000	60.56604	13.40000	-32.50055	12.624	-73.883	-221.94	-0.0012349
4	Plot C Basement 13.4	178.00000	60.56604	13.40000	-15.10376	12.624	-0.37494	-26.881	137.41E-6
4	Plot C Basement 13.4	182.00000	60.56604	13.40000	-9.37636	12.624	-0.030718	-11.538	63.339E-6
4	Plot C Basement 13.4	186.00000	60.56604	13.40000	-4.78049	12.624	-0.0091090	-7.0306	38.917E-6
4	Plot C Basement 13.4	190.00000	60.56604	13.40000	-2.65724	12.624	-0.0040819	-4.8476	26.906E-6
4	Plot C Basement 13.4	194.00000	60.56604	13.40000	-1.35214	12.624	-0.0022469	-3.5730	19.857E-6
4	Plot C Basement 13.4	198.00000	60.56604	13.40000	-0.53648	12.624	-0.0014005	-2.7498	15.293E-6
4	Plot C Basement 13.4	202.00000	60.56604	13.40000	0.20282	12.624	-948.85E-6	-0.02582	12.1448E-6
4	Plot C Basement 13.4	206.00000	60.56604	13.40000	0.29017	12.624	-682.00E-6	-1.7734	9.8706E-6
4	Plot C Basement 13.4	210.00000	60.56604	13.40000	0.48021	12.624	-511.98E-6	-1.4679	8.1717E-6
4	Plot C Basement 13.4	214.00000	60.56604	13.40000	0.58823	12.624	-397.17E-6	-1.2334	6.8673E-6
4	Plot C Basement 13.4	218.00000	60.56604	13.40000	0.64278	12.624	-316.01E-6	-1.0494	5.8435E-6
4	Plot C Basement 13.4	222.00000	60.56604	13.40000	0.66265	12.624	-256.49E-6	-0.92625	5.0249E-6
4	Plot C Basement 13.4	226.00000	60.56604	13.40000	0.66029	12.624	-211.53E-6	-0.78288	4.3603E-6
4	Plot C Basement 13.4	230.00000	60.56604	13.40000	0.64400	12.624	-176.74E-6	-0.68465	3.8135E-6
4	Plot C Basement 13.4	234.00000	60.56604	13.40000	0.61930	12.624	-149.27E-6	-0.60291	3.3584E-6
4	Plot C Basement 13.4	238.00000	60.56604	13.40000	0.58988	12.624	-127.24E-6	-0.53419	2.9758E-6
4	Plot C Basement 13.4	242.00000	60.56604	13.40000	0.55817	12.624	-99.30E-6	-0.47592	2.6513E-6
4	Plot C Basement 13.4	246.00000	60.56604	13.40000	0.52578	12.624	-94.537E-6	-0.42611	2.3740E-6
4	Plot C Basement 13.4	250.00000	60.56604	13.40000	0.49374	12.624	-82.255E-6	-0.38323	2.1352E-6
4	Plot C Basement 13.4	-30.00000	64.52830	13.40000	0.23388	12.624	-624.47E-6	-0.31421	1.7319E-6
4	Plot C Basement 13.4	-26.00000	64.52830	13.40000	0.24849	12.624	-753.49E-6	-0.34621	1.9062E-6
4	Plot C Basement 13.4	-22.00000	64.52830	13.40000	-2.75489	12.624	-915.64E-6	-0.38279	2.1049E-6
4	Plot C Basement 13.4	-18.00000	64.52830	13.40000	0.28040	12.624	-0.0011212	-0.42479	2.3322E-6
4	Plot C Basement 13.4	-14.00000	64.52830	13.40000	0.29763	12.624	-0.0013841	-0.47325	2.5938E-6
4	Plot C Basement 13.4	-10.00000	64.52830	13.40000	0.31557	12.624	-0.0017239	-0.52946	2.8960E-6
4	Plot C Basement 13.4	-6.00000	64.52830	13.40000	0.33404	12.624	-0.0021674	-0.59504	3.2470E-6
4	Plot C Basement 13.4	-2.00000	64.52830	13.40000	0.35273	12.624	-0.0027530	-0.67201	3.6562E-6
4	Plot C Basement 13.4	2.00000	64.52830	13.40000	0.37121	12.624	-0.0035355	-0.76293	4.1378E-6
4	Plot C Basement 13.4	6							



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	186.00000	64.52830	13.40000	-4.29191	12.624	-0.0085366	-6.5248	36.114E-6
4	Plot C Basement 13.4	190.00000	64.52830	13.40000	-2.33277	12.624	-0.0037370	-4.4916	24.932E-6
4	Plot C Basement 13.4	194.00000	64.52830	13.40000	-1.14469	12.624	-0.0020530	-3.3225	18.467E-6
4	Plot C Basement 13.4	198.00000	64.52830	13.40000	-0.40815	12.624	-0.0012880	-2.5703	14.296E-6
4	Plot C Basement 13.4	202.00000	64.52830	13.40000	0.05035	12.624	-880.36E-6	-2.0511	11.413E-6
4	Plot C Basement 13.4	206.00000	64.52830	13.40000	-2.33251	12.624	-638.36E-6	-1.6793	9.233E-6
4	Plot C Basement 13.4	210.00000	64.52830	13.40000	0.50092	12.624	-483.00E-6	-1.3929	7.7545E-6
4	Plot C Basement 13.4	214.00000	64.52830	13.40000	0.59534	12.624	-377.20E-6	-1.1753	6.5439E-6
4	Plot C Basement 13.4	218.00000	64.52830	13.40000	0.64155	12.624	-301.81E-6	-1.0037	5.5891E-6
4	Plot C Basement 13.4	222.00000	64.52830	13.40000	0.65648	12.624	-246.12E-6	-0.86589	4.8223E-6
4	Plot C Basement 13.4	226.00000	64.52830	13.40000	0.65139	12.624	-203.78E-6	-0.75355	4.1910E-6
4	Plot C Basement 13.4	230.00000	64.52830	13.40000	0.63377	12.624	-170.84E-6	-0.66078	3.6805E-6
4	Plot C Basement 13.4	234.00000	64.52830	13.40000	0.60862	12.624	-144.70E-6	-0.58330	3.2492E-6
4	Plot C Basement 13.4	238.00000	64.52830	13.40000	0.57930	12.624	-123.64E-6	-0.51796	2.8854E-6
4	Plot C Basement 13.4	242.00000	64.52830	13.40000	0.54801	12.624	-106.45E-6	-0.46238	2.5759E-6
4	Plot C Basement 13.4	246.00000	64.52830	13.40000	0.51622	12.624	-92.239E-6	-0.41474	2.3106E-6
4	Plot C Basement 13.4	250.00000	64.52830	13.40000	0.48487	12.624	-80.389E-6	-0.37362	2.0816E-6
4	Plot C Basement 13.4	-30.00000	68.49057	13.40000	0.23050	12.624	-591.49E-6	-0.30566	1.6854E-6
4	Plot C Basement 13.4	-26.00000	68.49057	13.40000	0.24480	12.624	-710.57E-6	-0.33611	1.8513E-6
4	Plot C Basement 13.4	-22.00000	68.49057	13.40000	0.26000	12.624	-859.24E-6	-0.37077	2.0396E-6
4	Plot C Basement 13.4	-18.00000	68.49057	13.40000	0.27609	12.624	-1.00104E3	-0.41039	2.2544E-6
4	Plot C Basement 13.4	-14.00000	68.49057	13.40000	0.29302	12.624	-0.0012836	-0.45588	2.5002E-6
4	Plot C Basement 13.4	-10.00000	68.49057	13.40000	0.31073	12.624	-0.0015873	-0.50836	2.7829E-6
4	Plot C Basement 13.4	-6.00000	68.49057	13.40000	0.32905	12.624	-0.0019795	-0.56921	3.1092E-6
4	Plot C Basement 13.4	-2.00000	68.49057	13.40000	0.34777	12.624	-0.0024910	-0.64011	3.4876E-6
4	Plot C Basement 13.4	2.00000	68.49057	13.40000	0.36652	12.624	-0.0031648	-0.72319	3.9285E-6
4	Plot C Basement 13.4	6.00000	68.49057	13.40000	0.38481	12.624	-0.0040620	-0.82106	4.4445E-6
4	Plot C Basement 13.4	10.00000	68.49057	13.40000	0.40191	12.624	-0.0052698	-0.93704	5.0510E-6
4	Plot C Basement 13.4	14.00000	68.49057	13.40000	0.41681	12.624	-0.0069140	-1.0752	5.7670E-6
4	Plot C Basement 13.4	18.00000	68.49057	13.40000	0.42815	12.624	-0.0091777	-1.2409	6.6162E-6
4	Plot C Basement 13.4	22.00000	68.49057	13.40000	0.43411	12.624	-0.012328	-1.4404	7.6259E-6
4	Plot C Basement 13.4	26.00000	68.49057	13.40000	0.43233	12.624	-0.016757	-1.6819	8.8219E-6
4	Plot C Basement 13.4	30.00000	68.49057	13.40000	0.41984	12.624	-0.020329	-1.9752	10.248E-6
4	Plot C Basement 13.4	34.00000	68.49057	13.40000	0.39301	12.624	-0.031952	-2.3319	11.939E-6
4	Plot C Basement 13.4	38.00000	68.49057	13.40000	0.34765	12.624	-0.044630	-2.7652	13.932E-6
4	Plot C Basement 13.4	42.00000	68.49057	13.40000	0.27928	12.624	-0.068485	-3.2885	16.254E-6
4	Plot C Basement 13.4	46.00000	68.49057	13.40000	0.18348	12.624	-0.087175	-3.9143	18.919E-6
4	Plot C Basement 13.4	50.00000	68.49057	13.40000	0.05642	12.624	-0.12041	-4.6508	21.915E-6
4	Plot C Basement 13.4	54.00000	68.49057	13.40000	-0.10498	12.624	-0.16380	-5.5011	25.206E-6
4	Plot C Basement 13.4	58.00000	68.49057	13.40000	-0.30344	12.624	-0.21889	-6.4632	28.726E-6
4	Plot C Basement 13.4	62.00000	68.49057	13.40000	-0.54250	12.624	-0.28835	-7.5342	32.379E-6
4	Plot C Basement 13.4	66.00000	68.49057	13.40000	-0.82809	12.624	-0.37593	-8.7141	36.030E-6
4	Plot C Basement 13.4	70.00000	68.49057	13.40000	-1.17004	12.624	-0.48840	-10.009	39.489E-6
4	Plot C Basement 13.4	74.00000	68.49057	13.40000	-1.58342	12.624	-0.63589	-11.430	42.482E-6
4	Plot C Basement 13.4	78.00000	68.49057	13.40000	-2.08987	12.624	-0.83287	-12.993	44.600E-6
4	Plot C Basement 13.4	82.00000	68.49057	13.40000	-2.71900	12.624	-1.0990	-14.704	45.246E-6
4	Plot C Basement 13.4	86.00000	68.49057	13.40000	-3.50858	12.624	-1.4549	-16.552	43.640E-6
4	Plot C Basement 13.4	90.00000	68.49057	13.40000	-4.49925	12.624	-1.9046	-18.454	39.196E-6
4	Plot C Basement 13.4	94.00000	68.49057	13.40000	-5.71352	12.624	-2.3638	-20.164	33.367E-6
4	Plot C Basement 13.4	98.00000	68.49057	13.40000	-7.19597	12.624	-2.4959	-21.179	34.609E-6
4	Plot C Basement 13.4	102.00000	68.49057	13.40000	-8.68654	12.624	-1.8846	-21.247	55.450E-6
4	Plot C Basement 13.4	106.00000	68.49057	13.40000	-10.53386	12.624	-1.0263	-21.503	85.603E-6
4	Plot C Basement 13.4	110.00000	68.49057	13.40000	-12.87129	12.624	-0.54533	-23.555	113.15E-6
4	Plot C Basement 13.4	114.00000	68.49057	13.40000	-15.87713	12.624	-0.40808	-28.756	146.76E-6
4	Plot C Basement 13.4	118.00000	68.49057	13.40000	-19.81937	12.624	-0.65613	-40.237	202.49E-6
4	Plot C Basement 13.4	122.00000	68.49057	13.40000	-25.25969	12.624	-2.9904	-70.883	295.34E-6
4	Plot C Basement 13.4	126.00000	68.49057	13.40000	-34.74787	12.624	-55.381	-209.37	-685.73E-6
4	Plot C Basement 13.4	130.00000	68.49057	13.40000	-47.20727	12.624	-165.62	-420.16	-0.0031997
4	Plot C Basement 13.4	134.00000	68.49057	13.40000	-53.28593	12.624	-171.18	-466.74	-0.0031259
4	Plot C Basement 13.4	138.00000	68.49057	13.40000	-60.45997	12.624	-171.77	-482.22	-0.0030587
4	Plot C Basement 13.4	142.00000	68.49057	13.40000	-60.44556	12.624	-171.91	-489.75	-0.0030220
4	Plot C Basement 13.4	146.00000	68.49057	13.40000	-62.56713	12.624	-171.96	-493.84	-0.0030007
4	Plot C Basement 13.4	150.00000	68.49057	13.40000	-63.91853	12.624	-171.97	-496.13	-0.0029886
4	Plot C Basement 13.4	154.00000	68.49057	13.40000	-64.46608	12.624	-171.98	-497.14	-0.0029832
4	Plot C Basement 13.4	158.00000	68.49057	13.40000	-64.02330	12.624	-171.98	-496.90	-0.0029845
4	Plot C Basement 13.4	162.00000	68.49057	13.40000	-62.17038	12.624	-171.98	-494.77	-0.0029963
4	Plot C Basement 13.4	166.00000	68.49057	13.40000	-58.03741	12.624	-171.93	-488.32	-0.0030307
4	Plot C Basement 13.4	170.00000	68.49057	13.40000	-49.46760	12.624	-171.21	-462.50	-0.0031506
4	Plot C Basement 13.4	174.00000	68.49057	13.40000	-24.77127	12.624	9.0749	-98.901	247.98E-6
4	Plot C Basement 13.4	178.00000	68.49057	13.40000	-12.27871	12.624	-0.14344	-20.041	107.00E-6
4	Plot C Basement 13.4	182.00000	68.49057	13.40000	-6.70977	12.624	-0.022940	-9.5628	52.580E-6
4	Plot C Basement 13.4	186.00000	68.49057	13.40000	-3.71867	12.624	-0.0072783	-5.8913	32.622E-6
4	Plot C Basement 13.4	190.00000	68.49057	13.40000	-1.98095	12.624	-0.0033010	-4.1005	22.765E-6
4	Plot C Basement 13.4	194.00000	68.49057	13.40000	-0.92781	12.624	-0.0018438	-3.0579	16.997E-6
4	Plot C Basement 13.4	198.00000	68.49057	13.40000	-0.27664	12.624	-0.0011713	-1.3826	13.252E-6
4	Plot C Basement 13.4	202.00000	68.49057	13.40000	0.12727	12.624	-810.13E-6	-1.9138	10.649E-6
4	Plot C Basement 13.4	206.00000	68.49057	13.40000	0.37455	12.624	-593.37E-6	-1.5722	8.7510E-6
4	Plot C Basement 13.4	210.00000	68.49057	13.40000	0.52083	12.624	-452.84E-6	-1.3143	7.3169E-6
4	Plot C Basement 13.4	214.00000	68.49057	13.40000	0.60141	12.624	-356.24E-6	-1.1142	6.2037E-6
4	Plot C Basement 13.4	218.00000	68.49057	13.40000	0.61957	12.624	-286.78E-6	-0.83915	5.3207E-6
4	Plot C Basement 13.4	222.00000	68.49057	13.40000	0.64912	12.624	-235.07E-6	-0.82737	4.6078E-6
4	Plot C Basement 13.4	226.00000	68.49057	13.40000	0.64131	12.624	-195.47E-6	-0.72244	4.0237E-6
4	Plot C Basement 13.4	230.00000	68.49057	13.40000	0.62240	12.624	-164.47E-6	-0.63539	3.5391E-6
4	Plot C Basement 13.4	234.00000	68.49057	13.40000	0.59687	12.624	-139.75E-6	-0.56240	3.1328E-6
4	Plot C Basement 13.4	238.00000	68.49057	13.40000	0.56771	12.624	-119.73E-6	-0.50062	2.7888E-6
4	Plot C Basement 13.4	242.00000	68.49057	13.40000	0.53692	12.624	-103.32E-6	-0.44788	2.4951E-6
4	Plot C Basement 13.4	246.00000	68.49057	13.40000	0.50580	12.624	-89.718E-6	-0.40254	2.2426E-6
4	Plot C Basement 13.4	250.00000	68.49057	13.40000	0.47521	12.624	-78.336E-6	-0.36330	2.0241E-6
4	Plot C Basement 13.4	-30.00000	72.45283	13.40000	0.22683	12.624	-557.30E-6	-0.29663	1.6362E-6
4	Plot C Basement 13.4	-26.00000	72.45283	13.40000	0.24080	12.624	-666.38E-6	-0.32547	1.7934E-6
4	Plot C Basement 13.4	-22.00000	72.45283	13.40000	0.25565	12.624	-801.63E-6	-0.35816	1.9712E-6
4	Plot C Basement 13.4	-18.00000	72.45283	13.40000	0.27139	12.624	-970.47E-6	-0.39536	2.1731E-6
4	Plot C Basement 13.4	-14.00000	72.45283	13.40000	0.28799	12.624	-0.0011828	-0.43786	2.4031E-6
4	Plot C Basement 13.4	-10.00000	72.45283	13.40000	0.30540	12.624	-0.0014518	-0.48661	2.6660E-6
4	Plot C Basement 13.4	-6.00000	72.45283	13.40000	0.32354	12.624	-0.0017954	-0.54276	2.9619E-6
4	Plot C Basement 13.4	-2.00000	72.45283	13.40000	0.34213	12.624	-0.0022379	-0.60773	3.3154E-6
4	Plot C Basement 13.4	2.00							



RSK ENVIRONMENT LIMITED

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ugly Brown Building
Drained
Plot B & C - Excavation

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement	13.4	182.00000	72.45283	13.40000	-5.54172	12.624	-0.015622	8.0223
4	Plot C Basement	13.4	186.00000	72.45283	13.40000	-3.07065	12.624	-0.0057680	-5.1695
4	Plot C Basement	13.4	190.00000	72.45283	13.40000	-1.60121	12.624	-0.0027973	-3.6771
4	Plot C Basement	13.4	194.00000	72.45283	13.40000	-0.70118	12.624	-0.0016175	-2.7798
4	Plot C Basement	13.4	198.00000	72.45283	13.40000	-0.14236	12.624	-0.0010506	-2.1881
4	Plot C Basement	13.4	202.00000	72.45283	13.40000	0.20430	12.624	-737.97E-6	-1.7722
4	Plot C Basement	13.4	206.00000	72.45283	13.40000	0.41570	12.624	-547.26E-6	-1.4662
4	Plot C Basement	13.4	210.00000	72.45283	13.40000	0.53951	12.624	-421.84E-6	-1.2331
4	Plot C Basement	13.4	214.00000	72.45283	13.40000	0.60616	12.624	-334.56E-6	-1.0509
4	Plot C Basement	13.4	218.00000	72.45283	13.40000	0.63546	12.624	-271.15E-6	-0.90545
4	Plot C Basement	13.4	222.00000	72.45283	13.40000	0.64052	12.624	-223.49E-6	-0.78730
4	Plot C Basement	13.4	226.00000	72.45283	13.40000	0.63005	12.624	-186.72E-6	-0.68997
4	Plot C Basement	13.4	230.00000	72.45283	13.40000	0.60994	12.624	-157.73E-6	-0.60883
4	Plot C Basement	13.4	234.00000	72.45283	13.40000	0.58410	12.624	-134.48E-6	-0.54048
4	Plot C Basement	13.4	238.00000	72.45283	13.40000	0.55519	12.624	-115.56E-6	-0.48238
4	Plot C Basement	13.4	242.00000	72.45283	13.40000	0.52497	12.624	-99.974E-6	-0.43260
4	Plot C Basement	13.4	246.00000	72.45283	13.40000	0.49459	12.624	-87.006E-6	-0.38966
4	Plot C Basement	13.4	250.00000	72.45283	13.40000	0.46482	12.624	-76.119E-6	-0.35237
4	Plot C Basement	13.4	-30.00000	76.41509	13.40000	0.22290	12.624	-522.55E-6	-0.28722
4	Plot C Basement	13.4	-26.00000	76.41509	13.40000	0.23652	12.624	-621.79E-6	-0.31443
4	Plot C Basement	13.4	-22.00000	76.41509	13.40000	0.25099	12.624	-743.94E-6	-0.34514
4	Plot C Basement	13.4	-18.00000	76.41509	13.40000	0.26634	12.624	-895.21E-6	-0.37992
4	Plot C Basement	13.4	-14.00000	76.41509	13.40000	0.28256	12.624	-0.0010837	-0.41946
4	Plot C Basement	13.4	-10.00000	76.41509	13.40000	0.29961	12.624	-0.0013202	-0.46454
4	Plot C Basement	13.4	-6.00000	76.41509	13.40000	0.31742	12.624	-0.0016188	-0.51613
4	Plot C Basement	13.4	-2.00000	76.41509	13.40000	0.33577	12.624	-0.0019984	-0.57538
4	Plot C Basement	13.4	2.00000	76.41509	13.40000	0.35475	12.624	-0.0024842	-0.64367
4	Plot C Basement	13.4	6.00000	76.41509	13.40000	0.37381	12.624	-0.0031102	-0.72264
4	Plot C Basement	13.4	10.00000	76.41509	13.40000	0.39264	12.624	-0.0039219	-0.81426
4	Plot C Basement	13.4	14.00000	76.41509	13.40000	0.41207	12.624	-0.0049807	-0.92086
4	Plot C Basement	13.4	18.00000	76.41509	13.40000	0.42735	12.624	-0.0063889	-1.0452
4	Plot C Basement	13.4	22.00000	76.41509	13.40000	0.44166	12.624	-0.0081958	-1.1904
4	Plot C Basement	13.4	26.00000	76.41509	13.40000	0.45255	12.624	-0.010605	-1.3602
4	Plot C Basement	13.4	30.00000	76.41509	13.40000	0.45868	12.624	-0.013781	-1.5585
4	Plot C Basement	13.4	34.00000	76.41509	13.40000	0.45856	12.624	-0.017950	-1.7894
4	Plot C Basement	13.4	38.00000	76.41509	13.40000	0.45281	12.624	-0.023383	-2.0571
4	Plot C Basement	13.4	42.00000	76.41509	13.40000	0.43280	12.624	-0.030374	-2.3651
4	Plot C Basement	13.4	46.00000	76.41509	13.40000	0.40370	12.624	-0.039220	-2.7159
4	Plot C Basement	13.4	50.00000	76.41509	13.40000	0.36156	12.624	-0.050191	-3.1102
4	Plot C Basement	13.4	54.00000	76.41509	13.40000	0.30476	12.624	-0.063520	-3.5471
4	Plot C Basement	13.4	58.00000	76.41509	13.40000	0.23152	12.624	-0.079419	-4.0239
4	Plot C Basement	13.4	62.00000	76.41509	13.40000	0.13961	12.624	-0.098134	-4.5366
4	Plot C Basement	13.4	66.00000	76.41509	13.40000	0.02592	12.624	-0.12000	-5.0807
4	Plot C Basement	13.4	70.00000	76.41509	13.40000	-0.11389	12.624	-0.14545	-5.6509
4	Plot C Basement	13.4	74.00000	76.41509	13.40000	-0.28576	12.624	-0.17494	-6.2409
4	Plot C Basement	13.4	78.00000	76.41509	13.40000	-0.49726	12.624	-0.20871	-6.8417
4	Plot C Basement	13.4	82.00000	76.41509	13.40000	-0.75738	12.624	-0.24617	-7.4391
4	Plot C Basement	13.4	86.00000	76.41509	13.40000	-1.07558	12.624	-0.28484	-8.0103
4	Plot C Basement	13.4	90.00000	76.41509	13.40000	-1.46009	12.624	-0.31836	-8.5201
4	Plot C Basement	13.4	94.00000	76.41509	13.40000	-1.90263	12.624	-0.33482	-8.9239
4	Plot C Basement	13.4	98.00000	76.41509	13.40000	-2.44767	12.624	-0.31971	-9.1901
4	Plot C Basement	13.4	102.00000	76.41509	13.40000	-3.06326	12.624	-0.26927	-9.3460
4	Plot C Basement	13.4	106.00000	76.41509	13.40000	-3.78388	12.624	-0.20140	-9.5037
4	Plot C Basement	13.4	110.00000	76.41509	13.40000	-4.64007	12.624	-0.14044	-9.8121
4	Plot C Basement	13.4	114.00000	76.41509	13.40000	-5.64100	12.624	-0.097455	-10.397
4	Plot C Basement	13.4	118.00000	76.41509	13.40000	-6.90046	12.624	-0.071893	-11.366
4	Plot C Basement	13.4	122.00000	76.41509	13.40000	-8.39168	12.624	-0.060703	-12.855
4	Plot C Basement	13.4	126.00000	76.41509	13.40000	-10.20579	12.624	-0.063651	-15.096
4	Plot C Basement	13.4	130.00000	76.41509	13.40000	-12.43733	12.624	-0.088128	-18.555
4	Plot C Basement	13.4	134.00000	76.41509	13.40000	-15.23008	12.624	-0.16544	-24.261
4	Plot C Basement	13.4	138.00000	76.41509	13.40000	-18.82514	12.624	-0.44265	-34.959
4	Plot C Basement	13.4	142.00000	76.41509	13.40000	-23.69835	12.624	-2.0856	-60.730
4	Plot C Basement	13.4	146.00000	76.41509	13.40000	-31.54076	12.624	-32.639	-166.32
4	Plot C Basement	13.4	150.00000	76.41509	13.40000	-44.32324	12.624	-161.84	-400.99
4	Plot C Basement	13.4	154.00000	76.41509	13.40000	-62.9294	12.624	-170.32	-459.09
4	Plot C Basement	13.4	158.00000	76.41509	13.40000	-92.44497	12.624	-171.71	-475.38
4	Plot C Basement	13.4	162.00000	76.41509	13.40000	-132.36598	12.624	-171.85	-479.30
4	Plot C Basement	13.4	166.00000	76.41509	13.40000	-184.14660	12.624	-171.61	-467.93
4	Plot C Basement	13.4	170.00000	76.41509	13.40000	-250.16975	12.624	-67.661	-220.99
4	Plot C Basement	13.4	174.00000	76.41509	13.40000	-337.74770	12.624	-0.27543	-25.582
4	Plot C Basement	13.4	178.00000	76.41509	13.40000	-447.67710	12.624	-0.035924	-11.146
4	Plot C Basement	13.4	182.00000	76.41509	13.40000	-584.33751	12.624	-0.010477	-6.5658
4	Plot C Basement	13.4	186.00000	76.41509	13.40000	-749.63938	12.624	-0.0043939	-4.4345
4	Plot C Basement	13.4	190.00000	76.41509	13.40000	-944.21205	12.624	-0.0022948	-3.2425
4	Plot C Basement	13.4	194.00000	76.41509	13.40000	-1177.3373	12.624	-0.0013879	-2.4959
4	Plot C Basement	13.4	198.00000	76.41509	13.40000	-1451.1713	12.624	-928.03E-6	-1.9905
4	Plot C Basement	13.4	202.00000	76.41509	13.40000	-1766.00862	12.624	-665.23E-6	-1.6287
4	Plot C Basement	13.4	206.00000	76.41509	13.40000	-2113.55495	12.624	-500.75E-6	-1.3586
4	Plot C Basement	13.4	210.00000	76.41509	13.40000	-2504.65638	12.624	-390.45E-6	-1.1507
4	Plot C Basement	13.4	214.00000	76.41509	13.40000	-2940.60928	12.624	-312.50E-6	-0.92928
4	Plot C Basement	13.4	218.00000	76.41509	13.40000	-3422.63033	12.624	-255.14E-6	-0.85433
4	Plot C Basement	13.4	222.00000	76.41509	13.40000	-3952.63063	12.624	-211.57E-6	-0.74622
4	Plot C Basement	13.4	226.00000	76.41509	13.40000	-4530.61766	12.624	-177.65E-6	-0.65659
4	Plot C Basement	13.4	230.00000	76.41509	13.40000	-5166.59645	12.624	-150.71E-6	-0.58144
4	Plot C Basement	13.4	234.00000	76.41509	13.40000	-5870.40940	12.624	-128.97E-6	-0.51700
4	Plot C Basement	13.4	238.00000	76.41509	13.40000	-6646.54182	12.624	-111.17E-6	-0.46346
4	Plot C Basement	13.4	242.00000	76.41509	13.40000	-7499.51224	12.624	-96.441E-6	-0.41671
4	Plot C Basement	13.4	246.00000	76.41509	13.40000	-8426.48267	12.624	-84.134E-6	-0.37623
4	Plot C Basement	13.4	250.00000	76.41509	13.40000	-9437.78	12.624	-73.764E-6	-0.34095
4	Plot C Basement	13.4	-30.00000	80.37736	13.40000	0.21874	12.624	-487.81E-6	-0.27754
4	Plot C Basement	13.4	-26.00000	80.37736	13.40000	0.23197	12.624	-577.55E-6	-0.30312
4	Plot C Basement	13.4	-22.00000	80.37736	13.40000	0.24605	12.624	-687.17E-6	-0.33186
4	Plot C Basement	13.4	-18.00000	80.37736	13.40000	0.26098	12.624	-821.81E-6	-0.36427
4	Plot C Basement	13.4	-14.00000	80.37736	13.40000	0.27678	12.624	-988.07E-6	-0.40090
4	Plot C Basement	13.4	-10.00000	80.37736	13.40000	0.29342	12.624	-0.0011945	-0.44249
4	Plot C Basement	13.4	-6.00000	80.37736	13.40000	0.31086	12.624	-0.0014522	-0.48965
4	Plot C Basement	13.4	-2.00000	80.37736	13.40000	0.32901	12.624	-0.0017757	-0.54349
4	Plot C Basement	13.4	2.00000	80.37736	13.40000	0.34774	12.624	-0.0021839	-0.60504
4	Plot C Basement	13.4	6.00000	80.37736	13.40000	0.36686	12.624	-0.0027017	-0.67559
4	Plot C Basement	13.4	10.00000	80.37736	13.40000	0.38608	12.624	-0.0033612	-0.75663
4	Plot C Basement	13.4	14.00000	80.37736	13.40000	0.40504	12.624	-0.0042046	-0.84988
4	Plot C Basement	13.4	18.00000	80.37736	13.40000	0.42326	12.624	-0.0052862	-0.95730
4	Plot C Basement	13.4	22.00000	80.37736	13.40000	0.44012	12.624	-0.0066751	-1.0811
4	Plot C Basement	13.4	26.00000	80.37736	13.40000	0.45489	12.624	-0.0084579	



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	176.00000	80.37736	13.40000	-5.55510	12.624	-0.019807	-8.2540	45.384E-6
4	Plot C Basement 13.4	182.00000	80.37736	13.40000	-3.19537	12.624	-0.0069436	-5.2745	29.192E-6
4	Plot C Basement 13.4	186.00000	80.37736	13.40000	-1.74569	12.624	-0.0032661	-3.7382	20.745E-6
4	Plot C Basement 13.4	190.00000	80.37736	13.40000	-0.83177	12.624	-0.0018400	-2.8193	15.667E-6
4	Plot C Basement 13.4	194.00000	80.37736	13.40000	-0.25005	12.624	-0.0011701	-2.2166	12.327E-6
4	Plot C Basement 13.4	198.00000	80.37736	13.40000	0.11942	12.624	-809.408E-6	-1.7952	9.9877E-6
4	Plot C Basement 13.4	202.00000	80.37736	13.40000	0.35069	12.624	-594.05E-6	-1.4863	8.2715E-6
4	Plot C Basement 13.4	206.00000	80.37736	13.40000	0.49090	12.624	-454.88E-6	-1.2516	6.9669E-6
4	Plot C Basement 13.4	210.00000	80.37736	13.40000	0.57070	12.624	-359.28E-6	-1.0682	5.9474E-6
4	Plot C Basement 13.4	214.00000	80.37736	13.40000	0.61040	12.624	-290.44E-6	-0.92186	5.1330E-6
4	Plot C Basement 13.4	218.00000	80.37736	13.40000	0.62358	12.624	-239.01E-6	-0.80286	4.4709E-6
4	Plot C Basement 13.4	222.00000	80.37736	13.40000	0.61942	12.624	-199.49E-6	-0.70470	3.9246E-6
4	Plot C Basement 13.4	226.00000	80.37736	13.40000	0.60414	12.624	-168.41E-6	-0.62273	3.4684E-6
4	Plot C Basement 13.4	230.00000	80.37736	13.40000	0.58199	12.624	-143.52E-6	-0.55355	3.0833E-6
4	Plot C Basement 13.4	234.00000	80.37736	13.40000	0.55585	12.624	-123.28E-6	-0.49464	2.7553E-6
4	Plot C Basement 13.4	238.00000	80.37736	13.40000	0.52770	12.624	-106.62E-6	-0.44409	2.4788E-6
4	Plot C Basement 13.4	242.00000	80.37736	13.40000	0.49883	12.624	-92.765E-6	-0.40039	2.2305E-6
4	Plot C Basement 13.4	246.00000	80.37736	13.40000	0.47014	12.624	-81.134E-6	-0.36239	2.0189E-6
4	Plot C Basement 13.4	250.00000	80.37736	13.40000	0.44218	12.624	-71.295E-6	-0.32915	1.8338E-6
4	Plot C Basement 13.4	-30.00000	84.33962	13.40000	0.21438	12.624	-453.58E-6	-0.26768	1.4781E-6
4	Plot C Basement 13.4	-26.00000	84.33962	13.40000	0.22721	12.624	-334.27E-6	-0.29165	1.6051E-6
4	Plot C Basement 13.4	-22.00000	84.33962	13.40000	0.24085	12.624	-632.10E-6	-0.31848	1.7555E-6
4	Plot C Basement 13.4	-18.00000	84.33962	13.40000	0.25534	12.624	-751.25E-6	-0.34857	1.9194E-6
4	Plot C Basement 13.4	-14.00000	84.33962	13.40000	0.27067	12.624	-897.03E-6	-0.38240	2.1033E-6
4	Plot C Basement 13.4	-10.00000	84.33962	13.40000	0.28686	12.624	-0.0010762	-0.42054	2.3100E-6
4	Plot C Basement 13.4	-6.00000	84.33962	13.40000	0.30386	12.624	-0.0012974	-0.46362	2.5430E-6
4	Plot C Basement 13.4	-2.00000	84.33962	13.40000	0.32163	12.624	-0.0015716	-0.51240	2.8059E-6
4	Plot C Basement 13.4	2.00000	84.33962	13.40000	0.34008	12.624	-0.0019130	-0.56773	3.1032E-6
4	Plot C Basement 13.4	6.00000	84.33962	13.40000	0.35907	12.624	-0.0023393	-0.63061	3.4397E-6
4	Plot C Basement 13.4	10.00000	84.33962	13.40000	0.37841	12.624	-0.0028733	-0.70215	3.8209E-6
4	Plot C Basement 13.4	14.00000	84.33962	13.40000	0.39784	12.624	-0.0034436	-0.78361	4.2529E-6
4	Plot C Basement 13.4	18.00000	84.33962	13.40000	0.41704	12.624	-0.0043859	-0.87640	4.7423E-6
4	Plot C Basement 13.4	22.00000	84.33962	13.40000	0.43559	12.624	-0.0054436	-0.98201	5.2961E-6
4	Plot C Basement 13.4	26.00000	84.33962	13.40000	0.45300	12.624	-0.0067690	-1.1020	5.9212E-6
4	Plot C Basement 13.4	30.00000	84.33962	13.40000	0.46867	12.624	-0.0084224	-1.2380	6.6244E-6
4	Plot C Basement 13.4	34.00000	84.33962	13.40000	0.48196	12.624	-0.0104713	-1.3914	7.4145E-6
4	Plot C Basement 13.4	38.00000	84.33962	13.40000	0.49214	12.624	-0.012984	-1.5633	8.2867E-6
4	Plot C Basement 13.4	42.00000	84.33962	13.40000	0.49847	12.624	-0.016028	-1.7547	9.2522E-6
4	Plot C Basement 13.4	46.00000	84.33962	13.40000	0.50016	12.624	-0.019662	-1.9655	10.307E-6
4	Plot C Basement 13.4	50.00000	84.33962	13.40000	0.49642	12.624	-0.023927	-2.1953	11.446E-6
4	Plot C Basement 13.4	54.00000	84.33962	13.40000	0.48636	12.624	-0.028845	-2.4426	12.661E-6
4	Plot C Basement 13.4	58.00000	84.33962	13.40000	0.46900	12.624	-0.034417	-2.7052	13.939E-6
4	Plot C Basement 13.4	62.00000	84.33962	13.40000	0.44311	12.624	-0.040622	-2.9801	15.265E-6
4	Plot C Basement 13.4	66.00000	84.33962	13.40000	0.40715	12.624	-0.047414	-3.2637	16.620E-6
4	Plot C Basement 13.4	70.00000	84.33962	13.40000	0.35916	12.624	-0.054705	-3.5516	17.982E-6
4	Plot C Basement 13.4	74.00000	84.33962	13.40000	0.29671	12.624	-0.062329	-3.8387	19.329E-6
4	Plot C Basement 13.4	78.00000	84.33962	13.40000	0.21694	12.624	-0.069976	-4.1187	20.635E-6
4	Plot C Basement 13.4	82.00000	84.33962	13.40000	0.11668	12.624	-0.077112	-4.3843	21.878E-6
4	Plot C Basement 13.4	86.00000	84.33962	13.40000	-0.00734	12.624	-0.082890	-4.6270	23.038E-6
4	Plot C Basement 13.4	90.00000	84.33962	13.40000	-0.15833	12.624	-0.086155	-4.8385	24.109E-6
4	Plot C Basement 13.4	94.00000	84.33962	13.40000	-0.33934	12.624	-0.085659	-5.0131	25.099E-6
4	Plot C Basement 13.4	98.00000	84.33962	13.40000	-0.55401	12.624	-0.080636	-5.1516	26.040E-6
4	Plot C Basement 13.4	102.00000	84.33962	13.40000	-0.80711	12.624	-0.071481	-5.2657	26.983E-6
4	Plot C Basement 13.4	106.00000	84.33962	13.40000	-1.10529	12.624	-0.059879	-5.3774	27.995E-6
4	Plot C Basement 13.4	110.00000	84.33962	13.40000	-1.45698	12.624	-0.048013	-5.5144	29.156E-6
4	Plot C Basement 13.4	114.00000	84.33962	13.40000	-1.87193	12.624	-0.037604	-5.7037	30.560E-6
4	Plot C Basement 13.4	118.00000	84.33962	13.40000	-2.36097	12.624	-0.029382	-5.9685	32.313E-6
4	Plot C Basement 13.4	122.00000	84.33962	13.40000	-2.93613	12.624	-0.023443	-6.3299	34.528E-6
4	Plot C Basement 13.4	126.00000	84.33962	13.40000	-3.61102	12.624	-0.019584	-6.8101	37.336E-6
4	Plot C Basement 13.4	130.00000	84.33962	13.40000	-4.40199	12.624	-0.017612	-7.4382	40.906E-6
4	Plot C Basement 13.4	134.00000	84.33962	13.40000	-5.32371	12.624	-0.017536	-8.2567	45.475E-6
4	Plot C Basement 13.4	138.00000	84.33962	13.40000	-6.39791	12.624	-0.019762	-9.3315	51.396E-6
4	Plot C Basement 13.4	142.00000	84.33962	13.40000	-7.64346	12.624	-0.025488	-10.770	59.231E-6
4	Plot C Basement 13.4	146.00000	84.33962	13.40000	-9.07859	12.624	-0.037752	-12.760	69.920E-6
4	Plot C Basement 13.4	150.00000	84.33962	13.40000	-10.71457	12.624	-0.064742	-15.651	85.147E-6
4	Plot C Basement 13.4	154.00000	84.33962	13.40000	-12.54199	12.624	-0.13249	-20.183	108.116E-6
4	Plot C Basement 13.4	158.00000	84.33962	13.40000	-14.49279	12.624	-0.35080	-28.187	145.51E-6
4	Plot C Basement 13.4	162.00000	84.33962	13.40000	-16.30361	12.624	-1.4804	-45.582	204.74E-6
4	Plot C Basement 13.4	166.00000	84.33962	13.40000	-16.70663	12.624	-15.755	-92.119	313.459E-6
4	Plot C Basement 13.4	170.00000	84.33962	13.40000	-13.04047	12.624	-0.37947	-22.403	112.288E-6
4	Plot C Basement 13.4	174.00000	84.33962	13.40000	-6.23458	12.624	-0.037969	-9.8530	53.696E-6
4	Plot C Basement 13.4	178.00000	84.33962	13.40000	-3.76072	12.624	-0.010654	-6.0148	33.198E-6
4	Plot C Basement 13.4	182.00000	84.33962	13.40000	-2.18396	12.624	-0.0045084	-4.1772	23.152E-6
4	Plot C Basement 13.4	186.00000	84.33962	13.40000	-1.15785	12.624	-0.0023858	-3.1123	17.282E-6
4	Plot C Basement 13.4	190.00000	84.33962	13.40000	-0.48518	12.624	-0.0014538	-2.4258	13.484E-6
4	Plot C Basement 13.4	194.00000	84.33962	13.40000	-0.04691	12.624	-974.97E-6	-1.9516	10.855E-6
4	Plot C Basement 13.4	198.00000	84.33962	13.40000	0.23623	12.624	-699.43E-6	-1.6075	8.9441E-6
4	Plot C Basement 13.4	202.00000	84.33962	13.40000	0.41455	12.624	-526.63E-6	-1.3482	7.5034E-6
4	Plot C Basement 13.4	206.00000	84.33962	13.40000	0.52205	12.624	-410.77E-6	-1.1470	6.3851E-6
4	Plot C Basement 13.4	210.00000	84.33962	13.40000	0.58171	12.624	-28.94E-6	-0.88728	5.4967E-6
4	Plot C Basement 13.4	214.00000	84.33962	13.40000	0.60915	12.624	-268.74E-6	-0.85800	4.7775E-6
4	Plot C Basement 13.4	218.00000	84.33962	13.40000	0.61507	12.624	-223.03E-6	-0.75175	4.1863E-6
4	Plot C Basement 13.4	222.00000	84.33962	13.40000	0.60684	12.624	-187.41E-6	-0.66328	3.6939E-6
4	Plot C Basement 13.4	226.00000	84.33962	13.40000	0.58953	12.624	-159.10E-6	-0.58880	3.2794E-6
4	Plot C Basement 13.4	230.00000	84.33962	13.40000	0.56643	12.624	-136.22E-6	-0.52550	2.9270E-6
4	Plot C Basement 13.4	234.00000	84.33962	13.40000	0.54054	12.624	-117.49E-6	-0.47126	2.6251E-6
4	Plot C Basement 13.4	238.00000	84.33962	13.40000	0.51290	12.624	-101.97E-6	-0.42445	2.3645E-6
4	Plot C Basement 13.4	242.00000	84.33962	13.40000	0.48483	12.624	-88.988E-6	-0.38379	2.1381E-6
4	Plot C Basement 13.4	246.00000	84.33962	13.40000	0.45707	12.624	-78.040E-6	-0.34827	1.9403E-6
4	Plot C Basement 13.4	250.00000	84.33962	13.40000	0.43010	12.624	-68.739E-6	-0.31708	1.7666E-6
4	Plot C Basement 13.4	-30.00000	88.30189	13.40000	0.20983	12.624	-420.25E-6	-0.25774	1.4238E-6
4	Plot C Basement 13.4	-26.00000	88.30189	13.40000	0.22224	12.624	-492.45E-6	-0.28014	1.5463E-6
4	Plot C Basement 13.4	-22.00000	88.30189	13.40000	0.23544	12.624	-579.32E-6	-0.30510	1.6827E-6
4	Plot C Basement 13.4	-18.00000	88.30189	13.40000	0.24945	12.624	-684.24E-6	-0.33297	1.8346E-6
4	Plot C Basement 13.4	-14.00000	88.30189	13.40000	0.26429	12.624	-811.45E-6	-0.36413	2.0042E-6
4	Plot C Basement 13.4	-10.00000	88.30189	13.40000	0.27998	12.624	-966.24E-6	-0.	



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m ²]	[kN/m ²]	[µ]
4	Plot C Basement	13.4	178.00000	88.30189	13.40000	-3.71582	12.624	-6.1254	33.732E-6
4	Plot C Basement	13.4	178.00000	88.30189	13.40000	-2.33868	12.624	-0.0055699	-4.3719
4	Plot C Basement	13.4	182.00000	88.30189	13.40000	-1.34945	12.624	-0.0028943	-3.2902
4	Plot C Basement	13.4	186.00000	88.30189	13.40000	-0.65980	12.624	-0.0017311	-2.5746
4	Plot C Basement	13.4	190.00000	88.30189	13.40000	-0.18781	12.624	-0.0011420	-2.0739
4	Plot C Basement	13.4	194.00000	88.30189	13.40000	-0.12929	12.624	-807.84E-6	-1.7081
4	Plot C Basement	13.4	198.00000	88.30189	13.40000	0.33723	12.624	-601.28E-6	-1.4318
4	Plot C Basement	13.4	202.00000	88.30189	13.40000	0.46876	12.624	-464.66E-6	-1.2172
4	Plot C Basement	13.4	206.00000	88.30189	13.40000	0.54712	12.624	-369.36E-6	-1.0468
4	Plot C Basement	13.4	210.00000	88.30189	13.40000	0.58874	12.624	-299.99E-6	-0.90899
4	Plot C Basement	13.4	214.00000	88.30189	13.40000	0.60521	12.624	-247.78E-6	-0.79592
4	Plot C Basement	13.4	218.00000	88.30189	13.40000	0.60468	12.624	-207.41E-6	-0.70167
4	Plot C Basement	13.4	222.00000	88.30189	13.40000	0.59290	12.624	-175.51E-6	-0.62246
4	Plot C Basement	13.4	226.00000	88.30189	13.40000	0.57389	12.624	-149.86E-6	-0.55519
4	Plot C Basement	13.4	230.00000	88.30189	13.40000	0.55045	12.624	-128.94E-6	-0.49758
4	Plot C Basement	13.4	234.00000	88.30189	13.40000	0.52555	12.624	-111.67E-6	-0.44789
4	Plot C Basement	13.4	238.00000	88.30189	13.40000	0.49754	12.624	-97.26E-6	-0.40475
4	Plot C Basement	13.4	242.00000	88.30189	13.40000	0.47034	12.624	-85.150E-6	-0.36708
4	Plot C Basement	13.4	246.00000	88.30189	13.40000	0.44356	12.624	-74.881E-6	-0.33402
4	Plot C Basement	13.4	250.00000	88.30189	13.40000	0.41762	12.624	-66.121E-6	-0.30486
4	Plot C Basement	13.4	-30.00000	92.26415	13.40000	0.20513	12.624	-388.14E-6	-2.24779
4	Plot C Basement	13.4	-26.00000	92.26415	13.40000	0.21711	12.624	-452.46E-6	-2.6868
4	Plot C Basement	13.4	-22.00000	92.26415	13.40000	0.22984	12.624	-529.28E-6	-2.9185
4	Plot C Basement	13.4	-18.00000	92.26415	13.40000	0.24336	12.624	-621.28E-6	-3.31759
4	Plot C Basement	13.4	-14.00000	92.26415	13.40000	0.25769	12.624	-731.83E-6	-3.4624
4	Plot C Basement	13.4	-10.00000	92.26415	13.40000	0.27283	12.624	-865.03E-6	-3.7816
4	Plot C Basement	13.4	-6.00000	92.26415	13.40000	0.28880	12.624	-0.0010259	-0.41377
4	Plot C Basement	13.4	-2.00000	92.26415	13.40000	0.30557	12.624	-0.0012207	-0.45356
4	Plot C Basement	13.4	2.00000	92.26415	13.40000	0.32312	12.624	-0.0014570	-0.49803
4	Plot C Basement	13.4	6.00000	92.26415	13.40000	0.34222	12.624	-0.0017431	-0.54775
4	Plot C Basement	13.4	10.00000	92.26415	13.40000	0.36028	12.624	-0.0020932	-0.60336
4	Plot C Basement	13.4	14.00000	92.26415	13.40000	0.37971	12.624	-0.0025152	-0.66551
4	Plot C Basement	13.4	18.00000	92.26415	13.40000	0.39950	12.624	-0.0030279	-0.73488
4	Plot C Basement	13.4	22.00000	92.26415	13.40000	0.41948	12.624	-0.0036474	-0.81217
4	Plot C Basement	13.4	26.00000	92.26415	13.40000	0.43922	12.624	-0.0043926	-0.89801
4	Plot C Basement	13.4	30.00000	92.26415	13.40000	0.45906	12.624	-0.0052355	-0.99300
4	Plot C Basement	13.4	34.00000	92.26415	13.40000	0.47811	12.624	-0.0063397	-1.09756
4	Plot C Basement	13.4	38.00000	92.26415	13.40000	0.49623	12.624	-0.0075790	-1.2119
4	Plot C Basement	13.4	42.00000	92.26415	13.40000	0.51308	12.624	-0.0090156	-1.3361
4	Plot C Basement	13.4	46.00000	92.26415	13.40000	0.52827	12.624	-0.010657	-1.4697
4	Plot C Basement	13.4	50.00000	92.26415	13.40000	0.54138	12.624	-0.012504	-1.6121
4	Plot C Basement	13.4	54.00000	92.26415	13.40000	0.55194	12.624	-0.014544	-1.7620
4	Plot C Basement	13.4	58.00000	92.26415	13.40000	0.55942	12.624	-0.016757	-1.9179
4	Plot C Basement	13.4	62.00000	92.26415	13.40000	0.56317	12.624	-0.019107	-2.0780
4	Plot C Basement	13.4	66.00000	92.26415	13.40000	0.56241	12.624	-0.021540	-2.2399
4	Plot C Basement	13.4	70.00000	92.26415	13.40000	0.55621	12.624	-0.023983	-2.4010
4	Plot C Basement	13.4	74.00000	92.26415	13.40000	0.54348	12.624	-0.026334	-2.5586
4	Plot C Basement	13.4	78.00000	92.26415	13.40000	0.52297	12.624	-0.028456	-2.7095
4	Plot C Basement	13.4	82.00000	92.26415	13.40000	0.49330	12.624	-0.030173	-2.8506
4	Plot C Basement	13.4	86.00000	92.26415	13.40000	0.45302	12.624	-0.031280	-2.9791
4	Plot C Basement	13.4	90.00000	92.26415	13.40000	0.40054	12.624	-0.031568	-3.0931
4	Plot C Basement	13.4	94.00000	92.26415	13.40000	0.33417	12.624	-0.030885	-3.1918
4	Plot C Basement	13.4	98.00000	92.26415	13.40000	0.25198	12.624	-0.029200	-3.2770
4	Plot C Basement	13.4	102.00000	92.26415	13.40000	0.15169	12.624	-0.026648	-3.3526
4	Plot C Basement	13.4	106.00000	92.26415	13.40000	0.03006	12.624	-0.023522	-3.4249
4	Plot C Basement	13.4	110.00000	92.26415	13.40000	-0.11434	12.624	-0.020185	-3.5012
4	Plot C Basement	13.4	114.00000	92.26415	13.40000	-0.28650	12.624	-0.016970	-3.5892
4	Plot C Basement	13.4	118.00000	92.26415	13.40000	-0.48935	12.624	-0.014108	-3.6955
4	Plot C Basement	13.4	122.00000	92.26415	13.40000	-0.72627	12.624	-0.011714	-3.8257
4	Plot C Basement	13.4	126.00000	92.26415	13.40000	-1.00366	12.624	-0.0098115	-3.9844
4	Plot C Basement	13.4	130.00000	92.26415	13.40000	-1.31396	12.624	-0.0084020	-4.1752
4	Plot C Basement	13.4	134.00000	92.26415	13.40000	-1.66806	12.624	-0.0074289	-4.4012
4	Plot C Basement	13.4	138.00000	92.26415	13.40000	-2.06102	12.624	-0.0068704	-4.6653
4	Plot C Basement	13.4	142.00000	92.26415	13.40000	-2.48674	12.624	-0.0067191	-4.9687
4	Plot C Basement	13.4	146.00000	92.26415	13.40000	-2.93140	12.624	-0.0069992	-5.3102
4	Plot C Basement	13.4	150.00000	92.26415	13.40000	-3.36817	12.624	-0.0077723	-5.6806
4	Plot C Basement	13.4	154.00000	92.26415	13.40000	-3.74881	12.624	-0.0091194	-6.0525
4	Plot C Basement	13.4	158.00000	92.26415	13.40000	-3.99237	12.624	-0.011016	-6.3540
4	Plot C Basement	13.4	162.00000	92.26415	13.40000	-3.98014	12.624	-0.012819	-6.4233
4	Plot C Basement	13.4	166.00000	92.26415	13.40000	-3.59836	12.624	-0.012434	-6.1039
4	Plot C Basement	13.4	170.00000	92.26415	13.40000	-2.88163	12.624	-0.0088377	-5.1028
4	Plot C Basement	13.4	174.00000	92.26415	13.40000	-2.05055	12.624	-0.0051857	-4.0843
4	Plot C Basement	13.4	178.00000	92.26415	13.40000	-1.30214	12.624	-0.0030315	-3.2421
4	Plot C Basement	13.4	182.00000	92.26415	13.40000	-0.70691	12.624	-0.0018927	-2.6059
4	Plot C Basement	13.4	186.00000	92.26415	13.40000	0.35927	12.624	-0.0012678	-2.1301
4	Plot C Basement	13.4	190.00000	92.26415	13.40000	0.05431	12.624	-900.50E-6	-1.7694
4	Plot C Basement	13.4	194.00000	92.26415	13.40000	0.27365	12.624	-669.81E-6	-1.4906
4	Plot C Basement	13.4	198.00000	92.26415	13.40000	0.41954	12.624	-516.32E-6	-1.2711
4	Plot C Basement	13.4	202.00000	92.26415	13.40000	0.51169	12.624	-409.15E-6	-1.0953
4	Plot C Basement	13.4	206.00000	92.26415	13.40000	0.56520	12.624	-312.23E-6	-0.92531
4	Plot C Basement	13.4	210.00000	92.26415	13.40000	0.59133	12.624	-272.86E-6	-0.83441
4	Plot C Basement	13.4	214.00000	92.26415	13.40000	0.59838	12.624	-227.82E-6	-0.73607
4	Plot C Basement	13.4	218.00000	92.26415	13.40000	0.59235	12.624	-192.35E-6	-0.65318
4	Plot C Basement	13.4	222.00000	92.26415	13.40000	0.57761	12.624	-163.92E-6	-0.58268
4	Plot C Basement	13.4	226.00000	92.26415	13.40000	0.55927	12.624	-140.78E-6	-0.52225
4	Plot C Basement	13.4	230.00000	92.26415	13.40000	0.53354	12.624	-121.73E-6	-0.47008
4	Plot C Basement	13.4	234.00000	92.26415	13.40000	0.50799	12.624	-105.87E-6	-0.42476
4	Plot C Basement	13.4	238.00000	92.26415	13.40000	0.48170	12.624	-92.553E-6	-0.38517
4	Plot C Basement	13.4	242.00000	92.26415	13.40000	0.45544	12.624	-81.285E-6	-0.35041
4	Plot C Basement	13.4	246.00000	92.26415	13.40000	0.42970	12.624	-71.687E-6	-0.31974
4	Plot C Basement	13.4	250.00000	92.26415	13.40000	0.40482	12.624	-63.462E-6	-0.29257
4	Plot C Basement	13.4	-30.00000	96.22642	13.40000	0.20030	12.624	-357.49E-6	-2.23792
4	Plot C Basement	13.4	-26.00000	96.22642	13.40000	0.21184	12.624	-414.59E-6	-2.57335
4	Plot C Basement	13.4	-22.00000	96.22642	13.40000	0.22410	12.624	-482.25E-6	-2.7881
4	Plot C Basement	13.4	-18.00000	96.22642	13.40000	0.23711	12.624	-562.65E-6	-3.0254
4	Plot C Basement	13.4	-14.00000	96.22642	13.40000	0.25090	12.624	-658.40E-6	-3.2882
4	Plot C Basement	13.4	-10.00000	96.22642	13.40000	0.26548	12.624	-772.66E-6	-3.5794
4	Plot C Basement	13.4	-6.00000	96.22642	13.40000	0.28086	12.624	-909.27E-6	-3.9024
4	Plot C Basement	13.4	-2.00000	96.22642	13.40000	0.29704	12.624	-0.0010728	-0.42610
4	Plot C Basement	13.4	2.00000	96.22642	13.40000	0.31401	12.624	-0.0012618	-0.46590
4	Plot C Basement	13.4	6.00000	96.22642	13.40000	0.33174	12.624	-0.0015036	-0.51008
4	Plot C Basement	13.4	10.00000	96.22642	13.40000	0.35016	12.624	-0.0017850	-0.55910
4	Plot C Basement	13.4	14.00000	96.22642	13.40000	0.36922	12.624	-0.0021214	-0.61343
4	Plot C Basement	13.4	18.00000	96.22642	13.40000	0.38881	12.624	-0.0025229	-0.67355
4									



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	170.00000	96.22642	13.40000	-1.42365	12.624	-0.0035312	3.4134	18.924E-6
4	Plot C Basement 13.4	174.00000	96.22642	13.40000	-1.00071	12.624	-0.0025773	-2.9349	16.286E-6
4	Plot C Basement 13.4	178.00000	96.22642	13.40000	-0.59080	12.624	-0.0018186	-2.4813	13.781E-6
4	Plot C Basement 13.4	182.00000	96.22642	13.40000	-0.24070	12.624	-0.0012970	-2.0923	11.629E-6
4	Plot C Basement 13.4	186.00000	96.22642	13.40000	0.03507	12.624	-951.15E-6	-1.7722	9.8549E-6
4	Plot C Basement 13.4	190.00000	96.22642	13.40000	0.24008	12.624	-719.03E-6	-1.5120	8.4111E-6
4	Plot C Basement 13.4	194.00000	96.22642	13.40000	0.38505	12.624	-558.76E-6	-1.3003	7.2354E-6
4	Plot C Basement 13.4	198.00000	96.22642	13.40000	0.48220	12.624	-444.43E-6	-1.1270	6.2723E-6
4	Plot C Basement 13.4	202.00000	96.22642	13.40000	0.54271	12.624	-360.38E-6	-0.98386	5.4765E-6
4	Plot C Basement 13.4	206.00000	96.22642	13.40000	0.57594	12.624	-296.89E-6	-0.86459	4.8133E-6
4	Plot C Basement 13.4	210.00000	96.22642	13.40000	0.58933	12.624	-247.79E-6	-0.76432	4.2534E-6
4	Plot C Basement 13.4	214.00000	96.22642	13.40000	0.58862	12.624	-209.07E-6	-0.67934	3.7828E-6
4	Plot C Basement 13.4	218.00000	96.22642	13.40000	0.57812	12.624	-178.02E-6	-0.60675	3.3789E-6
4	Plot C Basement 13.4	222.00000	96.22642	13.40000	0.56106	12.624	-152.75E-6	-0.54432	3.0315E-6
4	Plot C Basement 13.4	226.00000	96.22642	13.40000	0.53979	12.624	-131.96E-6	-0.49028	2.7307E-6
4	Plot C Basement 13.4	230.00000	96.22642	13.40000	0.51601	12.624	-114.66E-6	-0.44323	2.4688E-6
4	Plot C Basement 13.4	234.00000	96.22642	13.40000	0.49096	12.624	-100.15E-6	-0.40207	2.2396E-6
4	Plot C Basement 13.4	238.00000	96.22642	13.40000	0.46550	12.624	-87.875E-6	-0.36587	2.0381E-6
4	Plot C Basement 13.4	242.00000	96.22642	13.40000	0.44023	12.624	-77.430E-6	-0.33390	1.8601E-6
4	Plot C Basement 13.4	246.00000	96.22642	13.40000	0.41557	12.624	-68.485E-6	-0.30555	1.7023E-6
4	Plot C Basement 13.4	250.00000	96.22642	13.40000	0.39178	12.624	-60.785E-6	-0.28032	1.5618E-6
4	Plot C Basement 13.4	-30.00000	100.18868	13.40000	0.19538	12.624	-328.47E-6	-0.22817	1.2619E-6
4	Plot C Basement 13.4	-26.00000	100.18868	13.40000	0.20647	12.624	-378.98E-6	-0.24621	1.3608E-6
4	Plot C Basement 13.4	-22.00000	100.18868	13.40000	0.21824	12.624	-438.41E-6	-0.26606	1.4696E-6
4	Plot C Basement 13.4	-18.00000	100.18868	13.40000	0.23293	12.624	-508.45E-6	-0.28790	1.5971E-6
4	Plot C Basement 13.4	-14.00000	100.18868	13.40000	0.24937	12.624	-591.18E-6	-0.31187	1.7204E-6
4	Plot C Basement 13.4	-10.00000	100.18868	13.40000	0.25796	12.624	-688.95E-6	-0.33850	1.8653E-6
4	Plot C Basement 13.4	-6.00000	100.18868	13.40000	0.27273	12.624	-804.70E-6	-0.36777	2.0247E-6
4	Plot C Basement 13.4	-2.00000	100.18868	13.40000	0.28829	12.624	-941.80E-6	-0.40005	2.2002E-6
4	Plot C Basement 13.4	2.00000	100.18868	13.40000	0.30462	12.624	-0.0011042	-0.43566	2.3935E-6
4	Plot C Basement 13.4	6.00000	100.18868	13.40000	0.32112	12.624	-0.001295	-0.47371	2.6005E-6
4	Plot C Basement 13.4	10.00000	100.18868	13.40000	0.33955	12.624	-0.0015238	-0.51816	2.8396E-6
4	Plot C Basement 13.4	14.00000	100.18868	13.40000	0.35807	12.624	-0.0017920	-0.56571	3.0959E-6
4	Plot C Basement 13.4	18.00000	100.18868	13.40000	0.37722	12.624	-0.0021073	-0.61790	3.3765E-6
4	Plot C Basement 13.4	22.00000	100.18868	13.40000	0.39691	12.624	-0.0024764	-0.67502	3.6828E-6
4	Plot C Basement 13.4	26.00000	100.18868	13.40000	0.41704	12.624	-0.0029060	-0.73731	4.0159E-6
4	Plot C Basement 13.4	30.00000	100.18868	13.40000	0.43750	12.624	-0.0034024	-0.80495	4.3767E-6
4	Plot C Basement 13.4	34.00000	100.18868	13.40000	0.45814	12.624	-0.0039708	-0.87801	4.7525E-6
4	Plot C Basement 13.4	38.00000	100.18868	13.40000	0.47881	12.624	-0.0046148	-0.95642	5.1811E-6
4	Plot C Basement 13.4	42.00000	100.18868	13.40000	0.49932	12.624	-0.0053358	-1.04000	5.6231E-6
4	Plot C Basement 13.4	46.00000	100.18868	13.40000	0.51948	12.624	-0.0061315	-1.1283	6.0891E-6
4	Plot C Basement 13.4	50.00000	100.18868	13.40000	0.53906	12.624	-0.0069958	-1.2207	6.5759E-6
4	Plot C Basement 13.4	54.00000	100.18868	13.40000	0.55779	12.624	-0.0079178	-1.3166	7.0796E-6
4	Plot C Basement 13.4	58.00000	100.18868	13.40000	0.57538	12.624	-0.0088811	-1.4147	7.5950E-6
4	Plot C Basement 13.4	62.00000	100.18868	13.40000	0.59147	12.624	-0.0098678	-1.5141	8.1142E-6
4	Plot C Basement 13.4	66.00000	100.18868	13.40000	0.60564	12.624	-0.010835	-1.6133	8.6374E-6
4	Plot C Basement 13.4	70.00000	100.18868	13.40000	0.61740	12.624	-0.011760	-1.7109	9.1512E-6
4	Plot C Basement 13.4	74.00000	100.18868	13.40000	0.62622	12.624	-0.012595	-1.8055	9.6508E-6
4	Plot C Basement 13.4	78.00000	100.18868	13.40000	0.63144	12.624	-0.013289	-1.8956	10.130E-6
4	Plot C Basement 13.4	82.00000	100.18868	13.40000	0.63422	12.624	-0.013787	-1.9797	10.583E-6
4	Plot C Basement 13.4	86.00000	100.18868	13.40000	0.62826	12.624	-0.014038	-2.0569	11.005E-6
4	Plot C Basement 13.4	90.00000	100.18868	13.40000	0.61825	12.624	-0.013999	-2.1266	11.395E-6
4	Plot C Basement 13.4	94.00000	100.18868	13.40000	0.60144	12.624	-0.013648	-2.1887	11.753E-6
4	Plot C Basement 13.4	98.00000	100.18868	13.40000	0.57679	12.624	-0.012996	-2.2440	12.084E-6
4	Plot C Basement 13.4	102.00000	100.18868	13.40000	0.55147	12.624	-0.012016	-2.2939	12.392E-6
4	Plot C Basement 13.4	106.00000	100.18868	13.40000	0.49943	12.624	-0.010991	-2.3404	12.688E-6
4	Plot C Basement 13.4	110.00000	100.18868	13.40000	0.44424	12.624	-0.0097985	-2.3859	12.982E-6
4	Plot C Basement 13.4	114.00000	100.18868	13.40000	0.37634	12.624	-0.0085959	-2.4327	13.284E-6
4	Plot C Basement 13.4	118.00000	100.18868	13.40000	0.29458	12.624	-0.0074540	-2.4830	13.602E-6
4	Plot C Basement 13.4	122.00000	100.18868	13.40000	0.19807	12.624	-0.0064217	-2.5383	13.945E-6
4	Plot C Basement 13.4	126.00000	100.18868	13.40000	0.08635	12.624	-0.0055258	-2.5994	14.316E-6
4	Plot C Basement 13.4	130.00000	100.18868	13.40000	-0.04029	12.624	-0.0047753	-2.6664	14.715E-6
4	Plot C Basement 13.4	134.00000	100.18868	13.40000	-0.18041	12.624	-0.0041673	-2.7384	15.137E-6
4	Plot C Basement 13.4	138.00000	100.18868	13.40000	-0.33086	12.624	-0.0036919	-2.8134	15.572E-6
4	Plot C Basement 13.4	142.00000	100.18868	13.40000	-0.48604	12.624	-0.0033313	-2.8877	15.998E-6
4	Plot C Basement 13.4	146.00000	100.18868	13.40000	-0.63694	12.624	-0.0030828	-2.9551	16.383E-6
4	Plot C Basement 13.4	150.00000	100.18868	13.40000	-0.77028	12.624	-0.0029130	-3.0064	16.674E-6
4	Plot C Basement 13.4	154.00000	100.18868	13.40000	-0.86813	12.624	-0.0027976	-3.0277	16.797E-6
4	Plot C Basement 13.4	158.00000	100.18868	13.40000	-0.90940	12.624	-0.0026924	-3.0010	16.652E-6
4	Plot C Basement 13.4	162.00000	100.18868	13.40000	-0.87510	12.624	-0.0025377	-2.9075	16.135E-6
4	Plot C Basement 13.4	166.00000	100.18868	13.40000	-0.75799	12.624	-0.0022826	-2.7375	15.195E-6
4	Plot C Basement 13.4	170.00000	100.18868	13.40000	-0.57146	12.624	-0.0019320	-2.5018	13.892E-6
4	Plot C Basement 13.4	174.00000	100.18868	13.40000	-0.34725	12.624	-0.0015522	-2.2313	12.396E-6
4	Plot C Basement 13.4	178.00000	100.18868	13.40000	-0.12091	12.624	-0.0012123	-1.9594	10.890E-6
4	Plot C Basement 13.4	182.00000	100.18868	13.40000	0.08161	12.624	-941.40E-6	-1.7084	9.4993E-6
4	Plot C Basement 13.4	186.00000	100.18868	13.40000	0.24760	12.624	-736.72E-6	-1.4876	8.2740E-6
4	Plot C Basement 13.4	190.00000	100.18868	13.40000	0.37450	12.624	-584.45E-6	-1.2978	7.2204E-6
4	Plot C Basement 13.4	194.00000	100.18868	13.40000	0.46544	12.624	-470.64E-6	-1.1364	6.3240E-6
4	Plot C Basement 13.4	198.00000	100.18868	13.40000	0.52596	12.624	-384.45E-6	-0.99956	5.5643E-6
4	Plot C Basement 13.4	202.00000	100.18868	13.40000	0.56212	12.624	-318.11E-6	-0.88328	4.9169E-6
4	Plot C Basement 13.4	206.00000	100.18868	13.40000	0.57950	12.624	-266.18E-6	-0.78414	4.3655E-6
4	Plot C Basement 13.4	210.00000	100.18868	13.40000	0.58285	12.624	-224.91E-6	-0.69919	3.8930E-6
4	Plot C Basement 13.4	214.00000	100.18868	13.40000	0.57605	12.624	-191.64E-6	-0.62604	3.4861E-6
4	Plot C Basement 13.4	218.00000	100.18868	13.40000	0.56211	12.624	-164.50E-6	-0.56273	3.1338E-6
4	Plot C Basement 13.4	222.00000	100.18868	13.40000	0.54336	12.624	-142.10E-6	-0.50765	2.8213E-6
4	Plot C Basement 13.4	226.00000	100.18868	13.40000	0.52155	12.624	-123.45E-6	-0.45951	2.5593E-6
4	Plot C Basement 13.4	230.00000	100.18868	13.40000	0.49798	12.624	-107.79E-6	-0.41724	2.3240E-6
4	Plot C Basement 13.4	234.00000	100.18868	13.40000	0.47358	12.624	-94.546E-6	-0.37997	2.1166E-6
4	Plot C Basement 13.4	238.00000	100.18868	13.40000	0.44903	12.624	-83.269E-6	-0.34698	1.9329E-6
4	Plot C Basement 13.4	242.00000	100.18868	13.40000	0.42482	12.624	-73.612E-6	-0.31767	1.7697E-6
4	Plot C Basement 13.4	246.00000	100.18868	13.40000	0.40127	12.624	-65.300E-6	-0.29155	1.6243E-6
4	Plot C Basement 13.4	250.00000	100.18868	13.40000	0.37859	12.624	-58.112E-6	-0.26818	1.4942E-6
4	Plot C Basement 13.4	-30.00000	104.15094	13.40000	0.19038	12.624	-301.17E-6	-0.21859	1.2094E-6
4	Plot C Basement 13.4	-26.00000	104.15094	13.40000	0.20102	12.624	-345.74E-6	-0.23532	1.3012E-6
4	Plot C Basement 13.4	-22.00000	104.15094	13.40000	0.21230	12.624	-397.80E-6	-0.25365	1.4017E



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]	
		[m]	[m]	[mOD]	[mm]					
4	Plot C Basement	13.4	166.00000	104.15094	13.40000	-0.16269	12.624	-0.0014699	2.0902	11.611E-6
4	Plot C Basement	13.4	170.00000	104.15094	13.40000	-0.06377	12.624	-0.0012713	-1.9384	10.771E-6
4	Plot C Basement	13.4	174.00000	104.15094	13.40000	0.05630	12.624	-0.0010688	-1.7665	9.8187E-6
4	Plot C Basement	13.4	178.00000	104.15094	13.40000	0.18055	12.624	-881.41E-6	-1.5893	8.8365E-6
4	Plot C Basement	13.4	182.00000	104.15094	13.40000	0.29499	12.624	-720.72E-6	-1.4186	7.8897E-6
4	Plot C Basement	13.4	186.00000	104.15321	13.40000	0.39116	12.624	-589.28E-6	-1.2614	7.0172E-6
4	Plot C Basement	13.4	190.00000	104.15094	13.40000	0.46560	12.624	-484.23E-6	-1.1206	6.2353E-6
4	Plot C Basement	13.4	194.00000	104.15094	13.40000	0.51873	12.624	-400.91E-6	-0.99650	5.5457E-6
4	Plot C Basement	13.4	198.00000	104.15094	13.40000	0.55280	12.624	-334.69E-6	-0.88799	4.9426E-6
4	Plot C Basement	13.4	202.00000	104.15094	13.40000	0.57097	12.624	-281.73E-6	-0.79343	4.4169E-6
4	Plot C Basement	13.4	206.00000	104.15094	13.40000	0.57646	12.624	-238.99E-6	-0.71107	3.9588E-6
4	Plot C Basement	13.4	210.00000	104.15094	13.40000	0.57227	12.624	-204.18E-6	-0.63923	3.5592E-6
4	Plot C Basement	13.4	214.00000	104.15094	13.40000	0.56093	12.624	-175.57E-6	-0.57642	3.2098E-6
4	Plot C Basement	13.4	218.00000	104.15094	13.40000	0.54452	12.624	-151.84E-6	-0.52134	2.9033E-6
4	Plot C Basement	13.4	222.00000	104.15094	13.40000	0.52469	12.624	-132.01E-6	-0.47288	2.6336E-6
4	Plot C Basement	13.4	226.00000	104.15394	13.40000	0.50271	12.624	-115.32E-6	-0.43012	2.3954E-6
4	Plot C Basement	13.4	230.00000	104.15094	13.40000	0.47956	12.624	-101.17E-6	-0.39225	2.1848E-6
4	Plot C Basement	13.4	234.00000	104.15094	13.40000	0.45595	12.624	-89.104E-6	-0.35860	1.9976E-6
4	Plot C Basement	13.4	238.00000	104.15094	13.40000	0.43240	12.624	-78.764E-6	-0.32862	1.8307E-6
4	Plot C Basement	13.4	242.00000	104.15094	13.40000	0.40929	12.624	-69.858E-6	-0.30183	1.6815E-6
4	Plot C Basement	13.4	246.00000	104.15094	13.40000	0.38687	12.624	-62.152E-6	-0.27782	1.5478E-6
4	Plot C Basement	13.4	250.00000	104.15094	13.40000	0.36531	12.624	-55.457E-6	-0.25623	1.4276E-6
4	Plot C Basement	13.4	-30.00000	108.11321	13.40000	0.18533	12.624	-275.66E-6	-0.20923	1.1580E-6
4	Plot C Basement	13.4	-26.00000	108.11321	13.40000	0.19551	12.624	-314.90E-6	-0.22473	1.2431E-6
4	Plot C Basement	13.4	-22.00000	108.11321	13.40000	0.20663	12.624	-360.40E-6	-0.24163	1.3359E-6
4	Plot C Basement	13.4	-18.00000	108.11321	13.40000	0.21775	12.624	-413.21E-6	-0.26007	1.4317E-6
4	Plot C Basement	13.4	-14.00000	108.11321	13.40000	0.22986	12.624	-474.56E-6	-0.28019	1.5472E-6
4	Plot C Basement	13.4	-10.00000	108.11321	13.40000	0.24265	12.624	-545.83E-6	-0.30216	1.6674E-6
4	Plot C Basement	13.4	-6.00000	108.11321	13.40000	0.25615	12.624	-628.64E-6	-0.32614	1.7984E-6
4	Plot C Basement	13.4	-2.00000	108.11321	13.40000	0.27037	12.624	-724.79E-6	-0.35229	1.9411E-6
4	Plot C Basement	13.4	2.00000	108.11321	13.40000	0.28531	12.624	-836.13E-6	-0.38079	2.0963E-6
4	Plot C Basement	13.4	6.00000	108.11321	13.40000	0.30099	12.624	-965.42E-6	-0.41183	2.2651E-6
4	Plot C Basement	13.4	10.00000	108.11321	13.40000	0.31740	12.624	-0.0011145	-0.44556	2.4483E-6
4	Plot C Basement	13.4	14.00000	108.11321	13.40000	0.33452	12.624	-0.0012861	-0.48215	2.6476E-6
4	Plot C Basement	13.4	18.00000	108.11321	13.40000	0.35282	12.624	-0.0014828	-0.52174	2.8610E-6
4	Plot C Basement	13.4	22.00000	108.11321	13.40000	0.37078	12.624	-0.0017070	-0.56444	3.0917E-6
4	Plot C Basement	13.4	26.00000	108.11321	13.40000	0.38984	12.624	-0.0019609	-0.61032	3.3391E-6
4	Plot C Basement	13.4	30.00000	108.11321	13.40000	0.40945	12.624	-0.0022461	-0.65938	3.6033E-6
4	Plot C Basement	13.4	34.00000	108.11321	13.40000	0.42954	12.624	-0.0025637	-0.71159	3.8839E-6
4	Plot C Basement	13.4	38.00000	108.11321	13.40000	0.45022	12.624	-0.0029134	-0.76679	4.1801E-6
4	Plot C Basement	13.4	42.00000	108.11321	13.40000	0.47080	12.624	-0.0032938	-0.82476	4.4908E-6
4	Plot C Basement	13.4	46.00000	108.11321	13.40000	0.49176	12.624	-0.0037018	-0.88518	4.8142E-6
4	Plot C Basement	13.4	50.00000	108.11321	13.40000	0.51276	12.624	-0.0041323	-0.94761	5.1481E-6
4	Plot C Basement	13.4	54.00000	108.11321	13.40000	0.53366	12.624	-0.0045780	-1.0115	5.4897E-6
4	Plot C Basement	13.4	58.00000	108.11321	13.40000	0.55426	12.624	-0.0050295	-1.0763	5.8359E-6
4	Plot C Basement	13.4	62.00000	108.11321	13.40000	0.57456	12.624	-0.0054747	-1.1412	6.1830E-6
4	Plot C Basement	13.4	66.00000	108.11321	13.40000	0.59372	12.624	-0.0058994	-1.2054	6.5273E-6
4	Plot C Basement	13.4	70.00000	108.11321	13.40000	0.61204	12.624	-0.0062873	-1.2683	6.8648E-6
4	Plot C Basement	13.4	74.00000	108.11321	13.40000	0.62902	12.624	-0.0066203	-1.3289	7.1917E-6
4	Plot C Basement	13.4	78.00000	108.11321	13.40000	0.64582	12.624	-0.0068848	-1.3865	7.5044E-6
4	Plot C Basement	13.4	82.00000	108.11321	13.40000	0.65744	12.624	-0.0070484	-1.4405	7.8000E-6
4	Plot C Basement	13.4	86.00000	108.11321	13.40000	0.66804	12.624	-0.0071106	-1.4903	8.0761E-6
4	Plot C Basement	13.4	90.00000	108.11321	13.40000	0.67560	12.624	-0.0070568	-1.5358	8.3316E-6
4	Plot C Basement	13.4	94.00000	108.11321	13.40000	0.67961	12.624	-0.0068846	-1.5769	8.5665E-6
4	Plot C Basement	13.4	98.00000	108.11321	13.40000	0.68287	12.624	-0.0066005	-1.6138	8.7819E-6
4	Plot C Basement	13.4	102.00000	108.11321	13.40000	0.67468	12.624	-0.0062202	-1.6470	8.9800E-6
4	Plot C Basement	13.4	106.00000	108.11321	13.40000	0.66455	12.624	-0.0057667	-1.6773	9.1639E-6
4	Plot C Basement	13.4	110.00000	108.11321	13.40000	0.64853	12.624	-0.0052672	-1.7053	9.3370E-6
4	Plot C Basement	13.4	114.00000	108.11321	13.40000	0.62609	12.624	-0.0047496	-1.7319	9.5026E-6
4	Plot C Basement	13.4	118.00000	108.11321	13.40000	0.59822	12.624	-0.0042387	-1.7576	9.6632E-6
4	Plot C Basement	13.4	122.00000	108.11321	13.40000	0.56051	12.624	-0.0037542	-1.7828	9.8201E-6
4	Plot C Basement	13.4	126.00000	108.11321	13.40000	0.51726	12.624	-0.0033098	-1.8075	9.9728E-6
4	Plot C Basement	13.4	130.00000	108.11321	13.40000	0.46759	12.624	-0.0029131	-1.8313	10.119E-6
4	Plot C Basement	13.4	134.00000	108.11321	13.40000	0.41263	12.624	-0.0025671	-1.8533	10.253E-6
4	Plot C Basement	13.4	138.00000	108.11321	13.40000	0.34430	12.624	-0.0022706	-1.8719	10.367E-6
4	Plot C Basement	13.4	142.00000	108.11321	13.40000	0.29549	12.624	-0.0020199	-1.8850	10.448E-6
4	Plot C Basement	13.4	146.00000	108.11321	13.40000	0.24013	12.624	-0.0018093	-1.8898	10.482E-6
4	Plot C Basement	13.4	150.00000	108.11321	13.40000	0.19321	12.624	-0.0016311	-1.8825	10.447E-6
4	Plot C Basement	13.4	154.00000	108.11321	13.40000	0.16029	12.624	-0.0014767	-1.8594	10.323E-6
4	Plot C Basement	13.4	158.00000	108.11321	13.40000	0.14661	12.624	-0.0013365	-1.8165	10.089E-6
4	Plot C Basement	13.4	162.00000	108.11321	13.40000	0.15567	12.624	-0.0012020	-1.7514	9.7302E-6
4	Plot C Basement	13.4	166.00000	108.11321	13.40000	0.18768	12.624	-0.0010678	-1.6642	9.2485E-6
4	Plot C Basement	13.4	170.00000	108.11321	13.40000	0.23873	12.624	-933.47E-6	-1.5585	8.6631E-6
4	Plot C Basement	13.4	174.00000	108.11321	13.40000	0.30160	12.624	-803.18E-6	-1.4404	8.0089E-6
4	Plot C Basement	13.4	178.00000	108.11321	13.40000	0.36776	12.624	-676.77E-6	-1.3174	7.3266E-6
4	Plot C Basement	13.4	182.00000	108.11321	13.40000	0.42963	12.624	-575.91E-6	-1.1959	6.6524E-6
4	Plot C Basement	13.4	186.00000	108.11321	13.40000	0.48199	12.624	-484.72E-6	-1.0806	6.0121E-6
4	Plot C Basement	13.4	190.00000	108.11321	13.40000	0.52219	12.624	-408.43E-6	-0.97410	5.4205E-6
4	Plot C Basement	13.4	194.00000	108.11321	13.40000	0.54969	12.624	-345.34E-6	-0.87750	4.8837E-6
4	Plot C Basement	13.4	198.00000	108.11321	13.40000	0.56535	12.624	-289.33E-6	-0.79088	4.3719E-6
4	Plot C Basement	13.4	202.00000	108.11321	13.40000	0.57074	12.624	-250.48E-6	-0.71370	3.9731E-6
4	Plot C Basement	13.4	206.00000	108.11321	13.40000	0.56772	12.624	-215.01E-6	-0.64518	3.5921E-6
4	Plot C Basement	13.4	210.00000	108.11321	13.40000	0.55813	12.624	-185.51E-6	-0.58442	3.2541E-6
4	Plot C Basement	13.4	214.00000	108.11321	13.40000	0.54362	12.624	-160.83E-6	-0.53053	2.9543E-6
4	Plot C Basement	13.4	218.00000	108.11321	13.40000	0.52560	12.624	-140.08E-6	-0.48629	2.6861E-6
4	Plot C Basement	13.4	222.00000	108.11321	13.40000	0.50523	12.624	-122.52E-6	-0.44014	2.4513E-6
4	Plot C Basement	13.4	226.00000	108.11321	13.40000	0.48342	12.624	-107.58E-6	-0.40223	2.2403E-6
4	Plot C Basement	13.4	230.00000	108.11321	13.40000	0.46090	12.624	-94.816E-6	-0.36838	2.0519E-6
4	Plot C Basement	13.4	234.00000	108.11321	13.40000	0.43819	12.624	-83.849E-6	-0.33808	1.8832E-6
4	Plot C Basement	13.4	238.00000	108.11321	13.40000	0.41571	12.624	-74.387E-6	-0.31089	1.7319E-6
4	Plot C Basement	13.4	242.00000	108.11321	13.40000	0.39373	12.624	-66.189E-6	-0.28645	1.5958E-6
4	Plot C Basement	13.4	246.00000	108.11321	13.40000	0.37245	12.624	-59.06		



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
4	Plot C Basement 13.4	160.00000	112.07547	13.40000	0.37729	12.624	-936.833E-6	-1.4306	7.94956E-6
4	Plot C Basement 13.4	166.00000	112.07547	13.40000	0.39120	12.624	-831.788E-6	-1.3643	7.58345E-6
4	Plot C Basement 13.4	170.00000	112.07547	13.40000	0.41530	12.624	-731.978E-6	-1.2867	7.15355E-6
4	Plot C Basement 13.4	174.00000	112.07547	13.40000	0.44586	12.624	-638.222E-6	-1.2011	6.67905E-6
4	Plot C Basement 13.4	178.00000	112.07547	13.40000	0.47845	12.624	-552.155E-6	-1.1115	6.18202E-6
4	Plot C Basement 13.4	182.00000	112.07547	13.40000	0.50894	12.624	-475.128E-6	-1.0217	5.68375E-6
4	Plot C Basement 13.4	186.00000	112.07547	13.40000	0.53422	12.624	-407.748E-6	-0.9348	5.20062E-6
4	Plot C Basement 13.4	190.00000	112.07547	13.40000	0.55250	12.624	-349.798E-6	-0.85252	4.74422E-6
4	Plot C Basement 13.4	194.00000	112.07547	13.40000	0.56314	12.624	-300.498E-6	-0.77633	4.32088E-6
4	Plot C Basement 13.4	198.00000	112.07547	13.40000	0.56642	12.624	-258.788E-6	-0.70657	3.93318E-6
4	Plot C Basement 13.4	202.00000	112.07547	13.40000	0.56311	12.624	-223.598E-6	-0.64325	3.58108E-6
4	Plot C Basement 13.4	206.00000	112.07547	13.40000	0.55429	12.624	-193.878E-6	-0.58607	3.26303E-6
4	Plot C Basement 13.4	210.00000	112.07547	13.40000	0.54108	12.624	-168.728E-6	-0.53460	2.97678E-6
4	Plot C Basement 13.4	214.00000	112.07547	13.40000	0.52455	12.624	-147.378E-6	-0.48835	2.71948E-6
4	Plot C Basement 13.4	218.00000	112.07547	13.40000	0.50566	12.624	-129.188E-6	-0.44681	2.48838E-6
4	Plot C Basement 13.4	222.00000	112.07547	13.40000	0.48521	12.624	-113.638E-6	-0.40949	2.28068E-6
4	Plot C Basement 13.4	226.00000	112.07547	13.40000	0.46386	12.624	-100.278E-6	-0.37592	2.09388E-6
4	Plot C Basement 13.4	230.00000	112.07547	13.40000	0.44213	12.624	-88.7608E-6	-0.34570	1.92568E-6
4	Plot C Basement 13.4	234.00000	112.07547	13.40000	0.42043	12.624	-78.8018E-6	-0.31846	1.77398E-6
4	Plot C Basement 13.4	238.00000	112.07547	13.40000	0.39905	12.624	-70.1558E-6	-0.29385	1.63708E-6
4	Plot C Basement 13.4	242.00000	112.07547	13.40000	0.37823	12.624	-62.6248E-6	-0.27160	1.51158E-6
4	Plot C Basement 13.4	246.00000	112.07547	13.40000	0.35810	12.624	-56.0418E-6	-0.25144	1.40088E-6
4	Plot C Basement 13.4	250.00000	112.07547	13.40000	0.33879	12.624	-50.2708E-6	-0.23314	1.29898E-6
4	Plot C Basement 13.4	-30.00000	116.03774	13.40000	0.17516	12.624	-229.978E-6	-0.19129	1.05958E-6
4	Plot C Basement 13.4	-26.00000	116.03774	13.40000	0.18446	12.624	-260.228E-6	-0.20454	1.13238E-6
4	Plot C Basement 13.4	-22.00000	116.03774	13.40000	0.19429	12.624	-294.828E-6	-0.21888	1.21428E-6
4	Plot C Basement 13.4	-18.00000	116.03774	13.40000	0.20469	12.624	-334.418E-6	-0.23439	1.29648E-6
4	Plot C Basement 13.4	-14.00000	116.03774	13.40000	0.21567	12.624	-379.718E-6	-0.25118	1.38868E-6
4	Plot C Basement 13.4	-10.00000	116.03774	13.40000	0.22726	12.624	-431.498E-6	-0.26934	1.48818E-6
4	Plot C Basement 13.4	-6.00000	116.03774	13.40000	0.23947	12.624	-490.648E-6	-0.28897	1.59578E-6
4	Plot C Basement 13.4	-2.00000	116.03774	13.40000	0.25231	12.624	-558.108E-6	-0.31017	1.71168E-6
4	Plot C Basement 13.4	2.00000	116.03774	13.40000	0.26582	12.624	-634.888E-6	-0.33303	1.83668E-6
4	Plot C Basement 13.4	6.00000	116.03774	13.40000	0.27998	12.624	-722.058E-6	-0.35764	1.97108E-6
4	Plot C Basement 13.4	10.00000	116.03774	13.40000	0.29480	12.624	-820.678E-6	-0.38409	2.11538E-6
4	Plot C Basement 13.4	14.00000	116.03774	13.40000	0.31029	12.624	-931.808E-6	-0.41246	2.26988E-6
4	Plot C Basement 13.4	18.00000	116.03774	13.40000	0.32643	12.624	-1051.058E-6	-0.44277	2.43478E-6
4	Plot C Basement 13.4	22.00000	116.03774	13.40000	0.34320	12.624	-1188.1952E-6	-0.47507	2.61038E-6
4	Plot C Basement 13.4	26.00000	116.03774	13.40000	0.36059	12.624	-1333.3489E-6	-0.50935	2.79648E-6
4	Plot C Basement 13.4	30.00000	116.03774	13.40000	0.37857	12.624	-1495.5178E-6	-0.54556	2.99278E-6
4	Plot C Basement 13.4	34.00000	116.03774	13.40000	0.39708	12.624	-1674.7010E-6	-0.58362	3.19898E-6
4	Plot C Basement 13.4	38.00000	116.03774	13.40000	0.41609	12.624	-1869.8892E-6	-0.62339	3.41428E-6
4	Plot C Basement 13.4	42.00000	116.03774	13.40000	0.43553	12.624	-2082.1078E-6	-0.66468	3.63758E-6
4	Plot C Basement 13.4	46.00000	116.03774	13.40000	0.45534	12.624	-2312.3571E-6	-0.70724	3.86768E-6
4	Plot C Basement 13.4	50.00000	116.03774	13.40000	0.47541	12.624	-2569.52530E-6	-0.75077	4.10298E-6
4	Plot C Basement 13.4	54.00000	116.03774	13.40000	0.49565	12.624	-2844.7812E-6	-0.79492	4.34358E-6
4	Plot C Basement 13.4	58.00000	116.03774	13.40000	0.51595	12.624	-3138.0300E-6	-0.83929	4.58815E-6
4	Plot C Basement 13.4	62.00000	116.03774	13.40000	0.53615	12.624	-3449.23228E-6	-0.88343	4.82058E-6
4	Plot C Basement 13.4	66.00000	116.03774	13.40000	0.55611	12.624	-3778.3034233E-6	-0.92689	5.05628E-6
4	Plot C Basement 13.4	70.00000	116.03774	13.40000	0.57564	12.624	-4125.60005E-6	-0.96920	5.28648E-6
4	Plot C Basement 13.4	74.00000	116.03774	13.40000	0.59445	12.624	-4491.7471E-6	-1.00999	5.50868E-6
4	Plot C Basement 13.4	78.00000	116.03774	13.40000	0.61257	12.624	-4876.83556E-6	-1.0486	5.72088E-6
4	Plot C Basement 13.4	82.00000	116.03774	13.40000	0.62948	12.624	-5280.0039199E-6	-1.0849	5.92138E-6
4	Plot C Basement 13.4	86.00000	116.03774	13.40000	0.64500	12.624	-5703.0039351E-6	-1.1186	6.10878E-6
4	Plot C Basement 13.4	90.00000	116.03774	13.40000	0.65882	12.624	-6145.8038987E-6	-1.1495	6.28218E-6
4	Plot C Basement 13.4	94.00000	116.03774	13.40000	0.67093	12.624	-6607.1775E-6	-1.1775	6.44128E-6
4	Plot C Basement 13.4	98.00000	116.03774	13.40000	0.68009	12.624	-7086.6753E-6	-1.2026	6.58608E-6
4	Plot C Basement 13.4	102.00000	116.03774	13.40000	0.68686	12.624	-7583.4977E-6	-1.2251	6.71728E-6
4	Plot C Basement 13.4	106.00000	116.03774	13.40000	0.69062	12.624	-8097.0032868E-6	-1.2450	6.83578E-6
4	Plot C Basement 13.4	110.00000	116.03774	13.40000	0.69104	12.624	-8628.0030527E-6	-1.2627	6.94238E-6
4	Plot C Basement 13.4	114.00000	116.03774	13.40000	0.68968	12.624	-9175.2028055E-6	-1.2784	7.03798E-6
4	Plot C Basement 13.4	118.00000	116.03774	13.40000	0.68096	12.624	-9738.5025553E-6	-1.2921	7.12298E-6
4	Plot C Basement 13.4	122.00000	116.03774	13.40000	0.67021	12.624	-10318.0023103E-6	-1.3040	7.19728E-6
4	Plot C Basement 13.4	126.00000	116.03774	13.40000	0.65573	12.624	-10914.0020772E-6	-1.3138	7.25978E-6
4	Plot C Basement 13.4	130.00000	116.03774	13.40000	0.63786	12.624	-11526.0018603E-6	-1.3212	7.30858E-6
4	Plot C Basement 13.4	134.00000	116.03774	13.40000	0.61717	12.624	-12154.0016623E-6	-1.3258	7.34038E-6
4	Plot C Basement 13.4	138.00000	116.03774	13.40000	0.59457	12.624	-12798.0014845E-6	-1.3266	7.35098E-6
4	Plot C Basement 13.4	142.00000	116.03774	13.40000	0.57130	12.624	-13458.0013261E-6	-1.3227	7.33478E-6
4	Plot C Basement 13.4	146.00000	116.03774	13.40000	0.54891	12.624	-14134.0011858E-6	-1.3131	7.28558E-6
4	Plot C Basement 13.4	150.00000	116.03774	13.40000	0.52912	12.624	-14826.0010615E-6	-1.2964	7.19668E-6
4	Plot C Basement 13.4	154.00000	116.03774	13.40000	0.50349	12.624	-15534.0009369E-6	-1.2715	7.06168E-6
4	Plot C Basement 13.4	158.00000	116.03774	13.40000	0.50407	12.624	-16258.000918E-6	-1.2377	6.87628E-6
4	Plot C Basement 13.4	162.00000	116.03774	13.40000	0.50103	12.624	-16998.0009718E-6	-1.1946	6.63898E-6
4	Plot C Basement 13.4	166.00000	116.03774	13.40000	0.50445	12.624	-17754.0010528E-6	-1.1428	6.35278E-6
4	Plot C Basement 13.4	170.00000	116.03774	13.40000	0.51318	12.624	-18536.0011528E-6	-1.0836	6.02498E-6
4	Plot C Basement 13.4	174.00000	116.03774	13.40000	0.52545	12.624	-19346.0012819E-6	-1.0189	5.66028E-6
4	Plot C Basement 13.4	178.00000	116.03774	13.40000	0.53835	12.624	-20186.0014601E-6	-0.95125	5.29138E-6
4	Plot C Basement 13.4	182.00000	116.03774	13.40000	0.55017	12.624	-21066.0016986E-6	-0.88281	4.91158E-6
4	Plot C Basement 13.4	186.00000	116.03774	13.40000	0.55894	12.624	-21986.0019928E-6	-0.81557	4.53818E-6
4	Plot C Basement 13.4	190.00000	116.03774	13.40000	0.56351	12.624	-22946.0023488E-6	-0.75101	4.17958E-6
4	Plot C Basement 13.4	194.00000	116.03774	13.40000	0.56382	12.624	-23946.0027542E-6	-0.69011	3.84118E-6
4	Plot C Basement 13.4	198.00000	116.03774	13.40000	0.55869	12.624	-24986.0032228E-6	-0.63341	3.52598E-6
4	Plot C Basement 13.4	202.00000	116.03774	13.40000	0.54975	12.624	-26066.0037582E-6	-0.58111	3.23518E-6
4	Plot C Basement 13.4	206.00000	116.03774	13.40000	0.53721	12.624	-27186.0043682E-6	-0.53319	2.96868E-6
4	Plot C Basement 13.4	210.00000	116.03774	13.40000	0.52178	12.624	-28346.0050582E-6	-0.48949	2.72568E-6
4	Plot C Basement 13.4	214.00000	116.03774	13.40000	0.50416	12.624	-29546.0058282E-6	-0.44974	2.50448E-6
4	Plot C Basement 13.4	218.00000	116.03774	13.40000	0.48500	12.624	-30786.0066782E-6	-0.41365	2.30368E-6
4	Plot C Basement 13.4	222.00000	116.03774	13.40000	0.46485	12.624	-32066.0075982E-6	-0.38091	2.12158E-6
4	Plot C Basement 13.4	226.00000	116.03774	13.40000	0.44418	12.624	-33386.0085982E-6	-0.35121	1.95628E-6
4	Plot C Basement 13.4	230.00000	116.03774	13.40000	0.42339	12.624	-34746.0096982E-6	-0.32426	1.80628E-6
4	Plot C Basement 13.4	234.00000	116.03774	13.40000	0.40266	12.624	-36146.0108982E-6	-0.29980	1.67008E-6
4	Plot C Basement 13.4	238.00000	116.03774	13.40000	0.38253	12.624	-37586.0121982E-6	-0.27756	1.54628E-6
4	Plot								



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Excavation

Job No. Sheet No. Rev.

371459

Drg. Ref.

Made by
MK

Date

Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [μ]
4	Plot C Basement	13.4	158.00000	120.00000	13.40000	0.56974	12.624 -706.26E-6	-1.0500	5.8339E-6
4	Plot C Basement	13.4	162.00000	120.00000	13.40000	0.56400	12.624 -631.42E-6	-1.0145	5.6397E-6
4	Plot C Basement	13.4	166.00000	120.00000	13.40000	0.56144	12.624 -562.99E-6	-0.97315	5.4100E-6
4	Plot C Basement	13.4	170.00000	120.00000	13.40000	0.56144	12.624 -500.32E-6	-0.92669	5.1529E-6
4	Plot C Basement	13.4	174.00000	120.00000	13.40000	0.56298	12.624 -443.04E-6	-0.87642	4.8744E-6
4	Plot C Basement	13.4	178.00000	120.00000	13.40000	0.56480	12.624 -391.03E-6	-0.82380	4.5826E-6
4	Plot C Basement	13.4	182.00000	120.00000	13.40000	0.56566	12.624 -344.20E-6	-0.77030	4.2857E-6
4	Plot C Basement	13.4	186.00000	120.00000	13.40000	0.56457	12.624 -302.43E-6	-0.71723	3.9911E-6
4	Plot C Basement	13.4	190.00000	120.00000	13.40000	0.56084	12.624 -265.51E-6	-0.66566	3.7046E-6
4	Plot C Basement	13.4	194.00000	120.00000	13.40000	0.55416	12.624 -233.08E-6	-0.61635	3.4306E-6
4	Plot C Basement	13.4	198.00000	120.00000	13.40000	0.54452	12.624 -204.76E-6	-0.56982	3.1720E-6
4	Plot C Basement	13.4	202.00000	120.00000	13.40000	0.53217	12.624 -180.10E-6	-0.52632	2.9302E-6
4	Plot C Basement	13.4	206.00000	120.00000	13.40000	0.51748	12.624 -158.68E-6	-0.48597	2.7058E-6
4	Plot C Basement	13.4	210.00000	120.00000	13.40000	0.50090	12.624 -140.07E-6	-0.44873	2.4986E-6
4	Plot C Basement	13.4	214.00000	120.00000	13.40000	0.48290	12.624 -123.91E-6	-0.41450	2.3082E-6
4	Plot C Basement	13.4	218.00000	120.00000	13.40000	0.46393	12.624 -109.83E-6	-0.38311	2.1336E-6
4	Plot C Basement	13.4	222.00000	120.00000	13.40000	0.44436	12.624 -97.603E-6	-0.35438	1.9737E-6
4	Plot C Basement	13.4	226.00000	120.00000	13.40000	0.42456	12.624 -86.915E-6	-0.32810	1.8275E-6
4	Plot C Basement	13.4	230.00000	120.00000	13.40000	0.40479	12.624 -77.569E-6	-0.30408	1.6937E-6
4	Plot C Basement	13.4	234.00000	120.00000	13.40000	0.38529	12.624 -69.378E-6	-0.28212	1.5715E-6
4	Plot C Basement	13.4	238.00000	120.00000	13.40000	0.36622	12.624 -62.184E-6	-0.26203	1.4597E-6
4	Plot C Basement	13.4	242.00000	120.00000	13.40000	0.34771	12.624 -55.850E-6	-0.24366	1.3574E-6
4	Plot C Basement	13.4	246.00000	120.00000	13.40000	0.32986	12.624 -50.263E-6	-0.22683	1.2638E-6
4	Plot C Basement	13.4	250.00000	120.00000	13.40000	0.31273	12.624 -45.322E-6	-0.21142	1.1779E-6

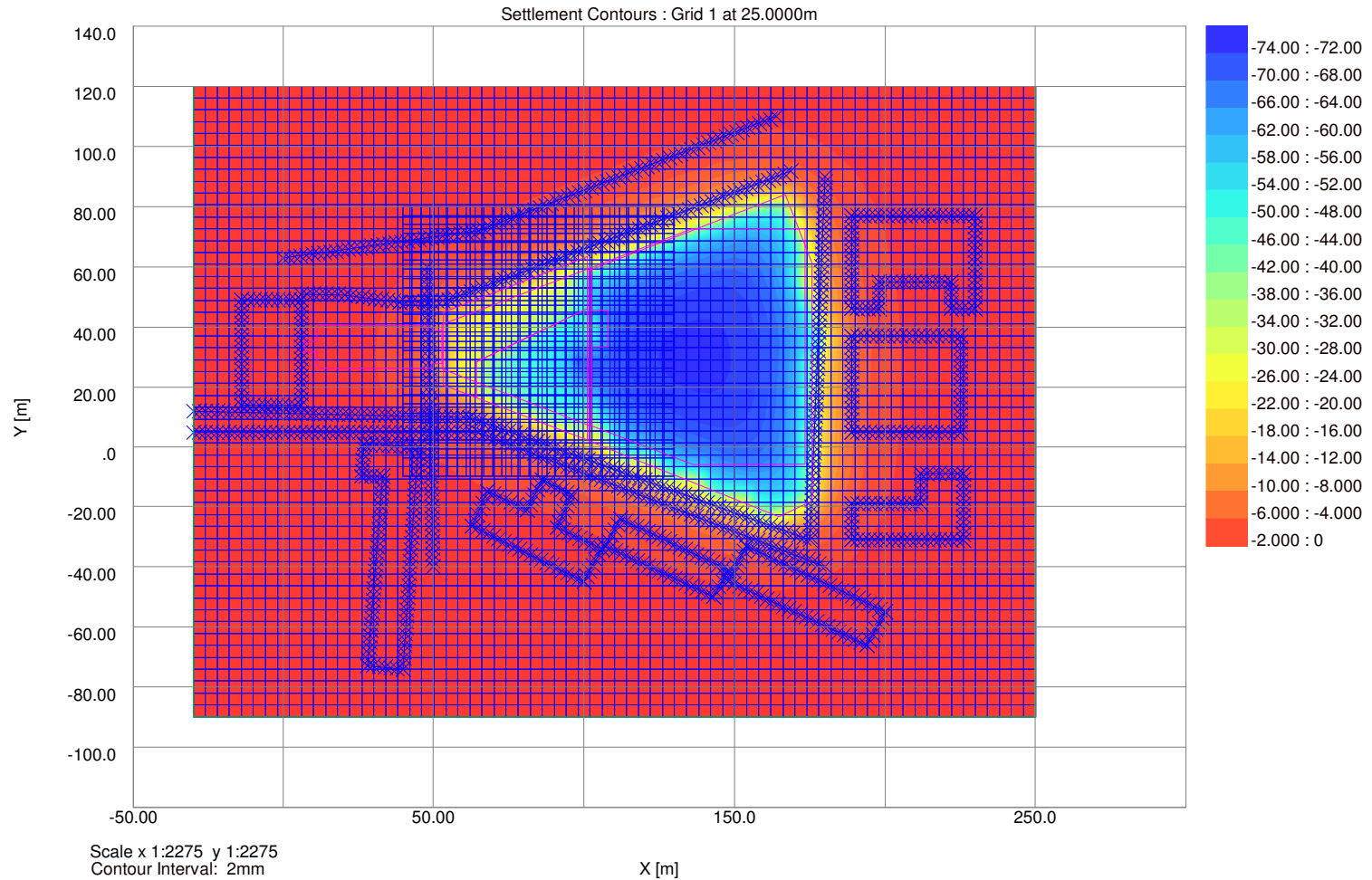
Results : Consolidation : Displacement Data : Grids

None

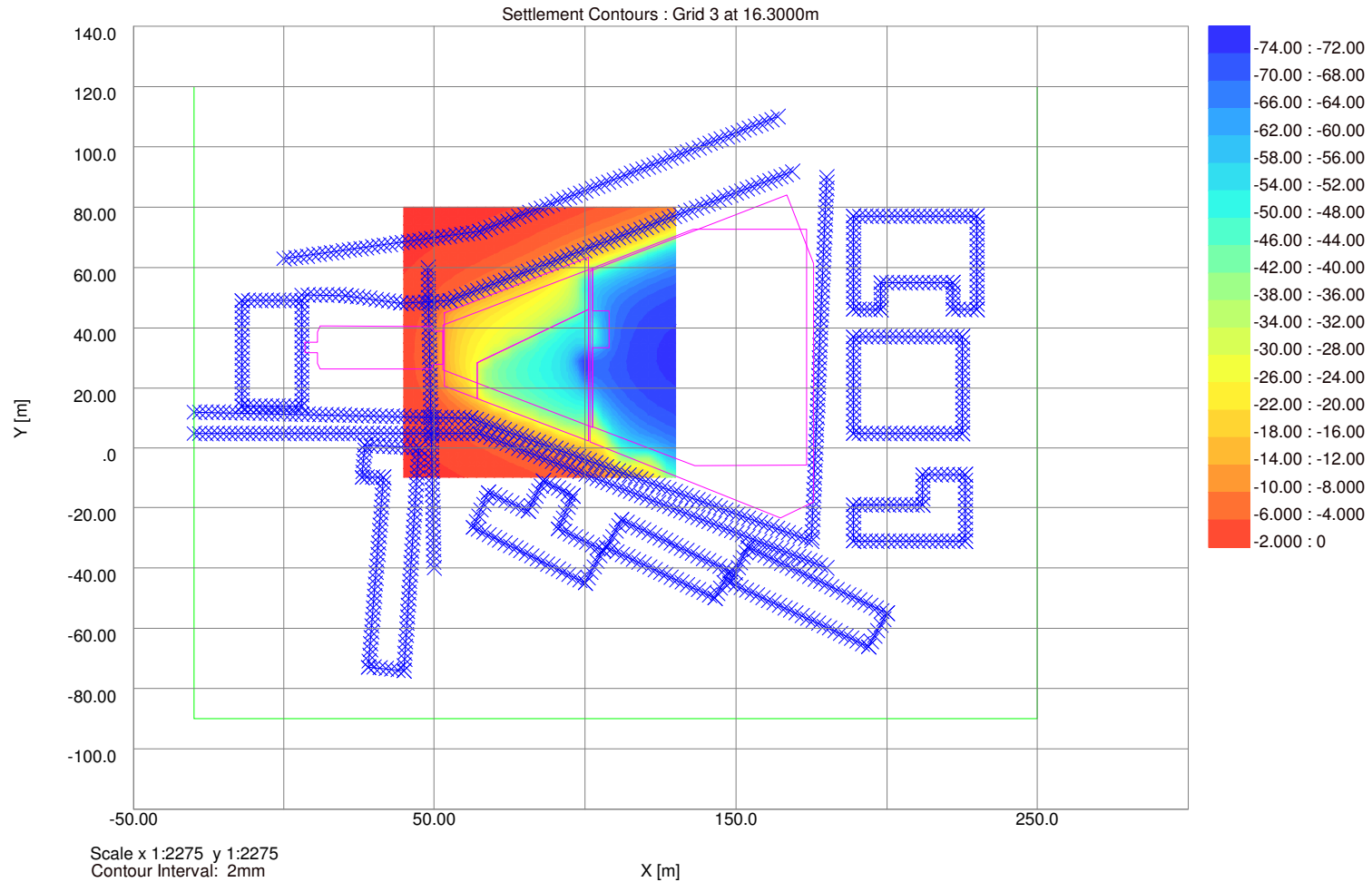
Results : Total : Displacement Data : Grids

None

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked



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RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Results : Immediate : Load Centres : Rectangular

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Plot B Southern Wall	76.00000	12.00000	8.17000	19.36479	7.3537	280.29	587.83	0.0023438
2	Plot B Northern wall	76.00000	53.00000	8.17000	4.73265	7.3537	27.895	69.323	133.02E-6
3	Plot B Eastern Wall	101.00000	33.00000	8.17000	8.86094	7.3537	29.371	62.566	236.62E-6
4	Plot C Eastern	134.00000	72.00000	6.93000	9.49192	6.2348	142.57	345.06	738.78E-6
5	Plot C Southern1	172.00000	72.00000	6.93000	4.06049	6.2348	28.382	69.533	139.59E-6
6	Plot C Southern2	176.00000	48.00000	6.93000	-1.48942	6.2348	7.0914	17.994	29.327E-6
7	Plot C Southern3	176.00000	10.00000	6.93000	9.23110	6.2348	129.37	312.89	672.46E-6
8	Plot C Western 1	151.00000	-18.00000	6.93000	10.61522	6.2348	143.46	346.58	749.21E-6
9	Plot C Western 2	118.00000	-5.00000	6.93000	-2.13257	6.2348	7.0957	18.464	25.239E-6
10	Plot C Northern	101.00000	27.50000	6.93000	7.87215	6.2348	31.051	61.767	280.59E-6
11	Plot C Southern4	171.00000	-21.00000	6.93000	5.94707	6.2348	23.669	60.957	89.833E-6

Results : Consolidation : Load Centres : Rectangular

None

Results : Total : Load Centres : Rectangular

None

Results : Immediate : Load Centres : Circular

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	PLOT B File_C1_1	58.75000	44.29000	9.10000	9.45705	8.3946	56.050	121.42	447.87E-6
2	PLOT B File_C1_2	59.80000	43.44000	9.10000	12.43238	8.3946	56.039	121.70	444.80E-6
3	PLOT B File_C1_3	60.01000	44.77000	9.10000	9.86013	8.3946	56.042	122.19	440.20E-6
4	PLOT B File_C2_1	65.47000	46.86000	9.10000	9.37996	8.3946	56.031	122.89	433.19E-6
5	PLOT B File_C2_2	66.52000	46.01000	9.10000	12.00849	8.3946	56.047	122.83	434.21E-6
6	PLOT B File_C2_3	66.76000	47.34000	9.10000	9.81334	8.3946	55.997	122.85	432.60E-6
7	PLOT B File_C3_1	72.20000	49.43000	9.10000	9.50853	8.3946	56.079	123.07	432.76E-6
8	PLOT B File_C3_2	73.25000	48.58000	9.10000	12.24585	8.3946	56.052	122.77	434.91E-6
9	PLOT B File_C3_3	73.46000	49.91000	9.10000	9.97892	8.3946	56.047	122.86	433.95E-6
10	PLOT B File_C4_1	78.92000	52.00000	9.10000	10.56714	8.3946	57.625	84.446	272.45E-6
11	PLOT B File_C4_2	79.97000	51.15000	9.10000	13.65644	8.3946	57.615	84.157	274.92E-6
12	PLOT B File_C4_3	80.18000	52.48000	9.10000	9.99113	4.3603	39.340	91.424	224.66E-6
13	PLOT B File_C5_1	84.42000	54.65000	5.10000	11.39502	4.3603	119.36	272.32	724.36E-6
14	PLOT B File_C5_2	86.07000	52.97000	5.10000	13.95110	4.3603	115.97	276.05	607.07E-6
15	PLOT B File_C5_3	87.75000	53.61000	5.10000	13.49646	4.3603	122.09	282.90	704.23E-6
16	PLOT B File_C5_4	87.11000	55.29000	9.10000	11.69448	8.3946	32.347	84.213	122.93E-6
17	PLOT B File_C6_1	92.12000	57.05000	9.10000	16.84212	8.3946	154.97	368.24	926.43E-6
18	PLOT B File_C6_2	92.80000	55.26000	9.10000	20.78264	8.3946	154.67	366.52	934.39E-6
19	PLOT B File_C6_3	94.58000	55.94000	9.10000	23.62682	8.3946	239.63	605.72	0.0010946
20	PLOT B File_C6_4	93.90000	57.73000	9.10000	19.62443	8.3946	239.60	612.03	0.0010233
21	PLOT B File_C6_5	93.35000	56.50000	8.43000	20.81147	7.5874	215.48	450.28	0.0018307
22	PLOT B File_C7_1	95.55000	58.36000	8.43000	18.69304	7.5874	172.53	395.28	0.0011415
23	PLOT B File_C7_2	96.04000	57.10000	8.43000	23.34958	7.5874	273.25	610.97	0.0019484
24	PLOT B File_C7_3	97.30000	57.58000	8.43000	21.16484	7.5874	211.68	534.96	934.10E-6
25	PLOT B File_C7_4	96.81000	58.84000	2.43000	10.58949	1.7315	131.43	258.32	0.0010661
26	PLOT B File_C8_1	56.10000	40.04000	2.43000	10.24483	1.7315	126.73	339.14	321.77E-6
27	PLOT B File_C8_2	56.74000	38.36000	2.43000	12.53721	1.7315	148.59	402.84	336.61E-6
28	PLOT B File_C8_3	58.42000	39.01000	2.43000	13.77989	1.7315	146.27	413.98	194.79E-6
29	PLOT B File_C8_4	57.78000	40.69000	2.43000	11.93748	1.7315	142.82	382.74	588.57E-6
30	PLOT B File_C9_1	61.86000	42.25000	2.43000	13.19147	1.7315	148.24	389.91	429.91E-6
31	PLOT B File_C9_2	62.50000	40.57000	2.43000	14.70661	1.7315	142.85	391.04	294.22E-6
32	PLOT B File_C9_3	64.18000	41.21000	2.43000	14.40490	1.7315	130.13	357.07	261.32E-6
33	PLOT B File_C9_4	63.54000	42.89000	2.43000	12.79328	1.7315	133.75	355.76	356.67E-6
34	PLOT B File_C10_1	68.58000	44.82000	2.43000	22.93881	1.7315	134.26	352.07	397.59E-6
35	PLOT B File_C10_2	69.22000	43.14000	2.43000	14.60769	1.7315	130.18	349.03	325.61E-6
36	PLOT B File_C10_3	70.91000	43.78000	2.43000	14.72604	1.7315	130.19	349.94	318.55E-6
37	PLOT B File_C10_4	70.26000	45.46000	2.43000	12.99520	1.7315	133.97	352.07	390.81E-6
38	PLOT B File_C11_1	75.31000	47.39000	2.43000	13.49344	1.7315	134.49	361.92	325.72E-6
39	PLOT B File_C11_2	75.95000	45.71000	2.43000	15.19408	1.7315	130.62	362.23	232.39E-6
40	PLOT B File_C11_3	77.63000	46.35000	2.43000	15.95968	1.7315	141.39	395.87	221.86E-6
41	PLOT B File_C11_4	76.99000	48.03000	2.43000	14.16831	1.7315	143.65	389.26	326.85E-6
42	PLOT B File_C12_1	81.20000	49.64000	2.43000	15.61709	1.7315	152.67	408.02	391.97E-6
43	PLOT B File_C12_2	81.84000	47.96000	2.43000	18.09809	1.7315	143.68	372.87	228.61E-6
44	PLOT B File_C12_3	83.52000	48.60000	2.43000	19.50721	1.7315	138.82	374.48	329.20E-6
45	PLOT B File_C12_4	82.88000	50.29000	2.43000	16.14273	1.7315	150.84	385.56	525.02E-6
46	PLOT B File_C13_1	92.83000	53.30000	2.43000	15.27952	1.7315	159.15	371.83	828.34E-6
47	PLOT B File_C13_2	93.47000	51.62000	2.43000	16.39167	1.7315	154.39	387.37	594.40E-6
48	PLOT B File_C13_3	95.15000	52.26000	2.43000	16.50626	1.7315	172.66	402.84	902.77E-6
49	PLOT B File_C13_4	94.51000	53.94000	7.77000	19.80040	6.9935	94.826	231.20	487.83E-6
50	PLOT B File_C14_1	98.63000	57.35000	7.77000	20.08094	6.9935	178.54	403.36	0.0012110
51	PLOT B File_C14_2	98.63000	56.00000	7.77000	21.26178	6.9935	172.55	400.21	0.0010753
52	PLOT B File_C14_3	99.98000	56.00000	7.77000	18.49333	6.9935	143.86	336.64	869.33E-6
53	PLOT B File_C14_4	99.98000	57.35000	5.10000	14.52029	4.3603	144.40	289.46	0.0012142
54	PLOT B File_C15_1	97.97000	53.08000	5.10000	17.72638	4.3603	130.12	297.23	786.65E-6
55	PLOT B File_C15_2	99.53000	52.18000	5.10000	14.58690	4.3603	106.98	265.66	466.91E-6
56	PLOT B File_C15_3	99.53000	53.98000	2.43000	13.28420	1.7315	147.14	300.63	0.0011041
57	PLOT B File_C16_1	56.36000	34.26000	2.43000	12.81785	1.7315	136.53	381.30	221.78E-6
58	PLOT B File_C16_2	56.36000	32.46000	2.43000	12.53782	1.7315	123.77	346.20	196.94E-6
59	PLOT B File_C16_3	58.16000	32.46000	2.43000	15.21764	1.7315	139.10	392.28	196.17E-6
60	PLOT B File_C16_4	58.16000	34.26000	2.43000	15.49396	1.7315	156.72	437.96	252.57E-6
61	PLOT B File_C17_1	62.33000	34.71000	2.43000	18.21129	1.7315	139.32	415.74	17.464E-6
62	PLOT B File_C17_2	62.33000	32.91000	2.43000	19.58834	1.7315	143.61	416.77	116.18E-6
63	PLOT B File_C17_3	64.13000	32.91000	2.43000	22.19685	1.7315	181.68	522.88	173.75E-6
64	PLOT B File_C17_4	64.13000	34.71000	1.77000	20.93028	1.1650	190.10	487.42	639.96E-6
65	PLOT B File_C18_1	67.91000	36.54000	1.77000	23.80716	1.1650	166.02	460.65	288.80E-6
66	PLOT B File_C18_2	67.91000	34.74000	1.77000	27.81412	1.1650	187.40	513.71	374.35E-6
67	PLOT B File_C18_3	67.91000	32.94000	1.77000	31.16950	1.1650	185.06	491.17	494.14E-6
68	PLOT B File_C18_4	69.71000	32.94000	1.77000	35.98182	1.1650	145.37	404.69	242.59E-6
69	PLOT B File_C18_5	69.71000	34.74000	1.77000	31.71955	1.1650	150.34	428.70	172.41E-6
70	PLOT B File_C19a_1	69.71000	36.54000	0.30000	26.63194	-0.41003	244.84	676.57	429.40E-6
71	PLOT B File_C19a_2	68.98000	17.43000	0.30000	16.16105	-0.41003	151.22	386.29	499.04E-6
72	PLOT B File_C19a_3	68.98000	19.23000	0.30000	20.66604	-0.41003	204.69	538.97	556.39E-6
73	PLOT B File_C19a_4	68.98000	21.03000	0.30000	24.96410	-0.41003	246.00	674.80	468.13E-6
74	PLOT B File_C19a_5	68.98000	22.83000	0.30000	29.65094	-0.41003	306.06	827.53	671.64E-6
75	PLOT B File_C19a_6	69.33000	24.78000	0.30000	33.35323	-0.41003	354.60	964.24	737.55E-6
76	PLOT B File_C19a_7	67.77000	25.68000	0.30000	32.09008	-0.41003	270.23	772.06	286.13E-6
77	PLOT B File_C19a_7	69.33000	26.58000	0.30000	35.33906	-0.41003	377.61	1036.1	716.56E-6
78	PLOT B File_C19a_8	68.81000	28.72000	0.30000	34.71290	-0.41003	343.74	964.29	495.85E-6
79	PLOT B File_C19a_9	67.91000	30.28000	0.30000	32.07593	-0.41003	289.80	795.47	547.67E-6
80	PLOT B File_C19a_10	69.71000	30.28000	0.30000	36.47242	-0.41003	381.32	1043.5	744.28E-6
81	PLOT B File_C19a_11	71.58000	35.61000	0.30000	33.82844	-0.41003	363.04	980.84	802.29E-6
82	PLOT B File_C19a_12	71.58000	33.69000	0.30000	38.30306	-0.41003	430.47	1139.0	0.0011289
83	PLOT B File_C19a_13	71.58000	31.77000	0.30000	40.58907	-0.41003	465.88	1231.0	0.0012342
84	PLOT B File_C19a_14	71.58000	29.86000	0.30000	40.46496	-0.41003	450.83	1236.8	857.24E-6
85	PLOT B File_C19a_15	69.33000	29.86000	0.30000	45.95763	-0.41003	554.60	1465.11	1011.44E-6
86	PLOT B File_C19a_16	71.00000	25.92000	0.30000	36.97868	-0.41003	407.83	1139.0	621.67E-6
87	PLOT B File_C19a_17	71.00000	23.91000	0.30000	33.71648	-0.41003	373.90	1026.3	706.77E-6
88	PLOT B File_C19a_18	70.63000	21.75000	0.30000	27.88668	-0.41003	288.71	810.42	412.83E-6
89	PLOT B File_C19a_19	73.04000	23.91000	0.30000	34.34158	-0.41003	373.86	1040.9	597.43E-6
90	PLOT B File_C19a_20	75.04000	25.92000	0.30000	38.23613	-0.41003	421.89	1146.77	746.77E-6
91	PLOT B File_C19a_21	73.04000	27.93000	0.30000	40.34894	-0.41003	436.88	1250.4	646.52E-6
92	PLOT B File_C19a_22	73.51000	29.86000	0.30000	41.98530	-0.41003	464.11	1298.6	996.02E-6
93	PLOT B File_C19a_23	73.51000	31.77000	0.30000	42.55410	-0.41003	484.72	1326.4	694.91E-6
94	PLOT B File_C19a_24	73.51000	33.69000	0.30000	41.35962	-0.41003	480.03	1306.4	0.0010153
95	PLOT B File_C19a_25	73.51000	35.61000	0.30000	45.95229	-0.41003	547.70	1417.0	1010.04E-6
96	PLOT B File_C19a_26	74.26000	37.30000	0.30000	33.32397	-0.41003	366.36	1037.5	556.02E-6
97	PLOT B File_C19a_27	74.26000	39.10000	0.30000	26.19704	-0.41003	243.32	747.3	-128.66E-6
98	PLOT B File_C19a_28	76.06000	39.10000	0.30000	28.77078	-0.41003	297.55	837.10	411.67E-6
99	PLOT B File_C19a_29	77.06000	37.30000	0.30000	35.65922	-0.41003	443.94	1143.3	701.55E-6
100	PLOT B File_C19a_30	75.44000	35.61000	0.30000	40.14607	-0.41003	485.71	1292.2	0.0



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
102	PLOT B File_C19a_32	75.44000	31.77000	0.30000	43.03251	-0.41003	495.83	1355.7	976.61E-6
103	PLOT B File_C19a_33	75.44000	29.86000	0.30000	42.12696	-0.41003	476.15	1314.2	846.22E-6
104	PLOT B File_C19a_34	75.44000	27.93000	0.30000	40.58912	-0.41003	456.04	1258.5	812.34E-6
105	PLOT B File_C19a_35	75.44000	25.92000	0.30000	38.31850	-0.41003	423.02	1153.4	856.67E-6
106	PLOT B File_C19a_36	75.44000	23.91000	0.30000	34.11974	-0.41003	360.04	983.07	719.07E-6
107	PLOT B File_C19a_37	77.24000	23.91000	0.30000	31.89632	-0.41003	314.76	866.85	735.71E-6
108	PLOT B File_C19a_38	77.24000	25.92000	0.30000	35.52845	-0.41003	359.40	1010.1	504.69E-6
109	PLOT B File_C19a_39	77.24000	27.93000	0.30000	37.94229	-0.41003	411.96	1142.6	691.38E-6
110	PLOT B File_C19a_40	77.24000	29.86000	0.30000	39.59247	-0.41003	435.94	1201.7	785.86E-6
111	PLOT B File_C19a_41	77.24000	31.77000	0.30000	41.24201	-0.41003	451.22	1232.3	899.35E-6
112	PLOT B File_C19a_42	77.24000	33.69000	0.30000	41.89634	-0.41003	458.78	1239.0	0.0010177
113	PLOT B File_C19a_43	77.24000	35.61000	0.30000	40.29051	-0.41003	450.78	1197.0	0.0011512
114	PLOT B File_C19a_44	78.43000	39.10000	0.30000	29.49999	-0.41003	267.71	725.14	577.84E-6
115	PLOT B File_C19a_45	78.43000	37.30000	0.30000	35.35524	-0.41003	335.21	911.85	694.74E-6
116	PLOT B File_C19a_46	79.04000	35.61000	0.30000	36.92859	-0.41003	355.71	990.78	565.69E-6
117	PLOT B File_C19a_47	79.04000	33.69000	0.30000	37.56116	-0.41003	361.64	1022.6	561.51E-6
118	PLOT B File_C19a_48	79.04000	31.77000	0.30000	36.64514	-0.41003	363.20	1027.8	457.76E-6
119	PLOT B File_C19a_49	79.04000	29.86000	0.30000	34.70450	-0.41003	330.73	935.84	417.50E-6
120	PLOT B File_C19a_50	79.05000	27.93000	0.30000	32.94694	-0.41003	321.07	902.32	451.24E-6
121	PLOT B File_C19a_51	79.04000	25.92000	0.30000	31.62840	-0.41003	292.72	817.16	451.89E-6
122	PLOT B File_C19a_52	79.04000	23.91000	-3.70000	26.06557	-4.9727	75.93	640.00	0.0005384
123	PLOT B File_C19b_1	80.93000	34.18000	-3.70000	31.24713	-4.9727	354.05	818.51	0.0015028
124	PLOT B File_C19b_2	80.93000	35.98000	-3.70000	31.15191	-4.9727	356.28	816.29	0.0015578
125	PLOT B File_C19b_3	82.73000	35.98000	-3.70000	30.43272	-4.9727	348.86	810.79	0.0014544
126	PLOT B File_C19b_4	82.73000	34.18000	-0.37000	28.45972	-0.93149	174.45	620.43	-709.58E-6
127	PLOT B File_C19c_1	85.41000	34.40000	-0.37000	28.42575	-0.93149	161.65	515.82E-6	317.58E-6
128	PLOT B File_C19c_2	85.41000	36.20000	-0.37000	33.47582	-0.93149	357.52	992.21	587.33E-6
129	PLOT B File_C19c_3	85.41000	38.00000	-0.37000	36.18860	-0.93149	443.51	1152.1	0.0013045
130	PLOT B File_C19c_4	85.41000	39.80000	-0.37000	35.22543	-0.93149	429.40	1127.8	0.0011723
131	PLOT B File_C19c_5	85.41000	41.60000	-0.37000	33.47929	-0.93149	414.07	1091.0	0.0011971
132	PLOT B File_C19c_6	85.90000	43.40000	-0.37000	28.43478	-0.93149	423.75	1118.8	0.0011147
133	PLOT B File_C19c_7	85.90000	45.40000	-0.37000	29.00004	-0.93149	380.38	997.44	0.0010504
134	PLOT B File_C19c_8	85.90000	47.40000	-0.37000	23.99422	-0.93149	293.52	768.14	821.83E-6
135	PLOT B File_C19c_9	87.70000	47.40000	-0.37000	24.83109	-0.93149	307.26	829.95	671.29E-6
136	PLOT B File_C19c_10	87.70000	45.40000	-0.37000	30.17762	-0.93149	403.44	1070.5	956.18E-6
137	PLOT B File_C19c_11	87.70000	43.40000	-0.37000	33.59491	-0.93149	449.72	1204.0	0.0010608
138	PLOT B File_C19c_12	87.21000	41.60000	-0.37000	35.45933	-0.93149	468.32	1241.2	0.0011971
139	PLOT B File_C19c_13	87.21000	39.80000	-0.37000	36.34454	-0.93149	473.71	1251.8	0.0012380
140	PLOT B File_C19c_14	87.21000	38.00000	-0.37000	36.34287	-0.93149	449.11	1193.9	0.0011217
141	PLOT B File_C19c_15	87.21000	36.20000	-0.37000	32.93140	-0.93149	376.33	1024.4	761.10E-6
142	PLOT B File_C19c_16	87.21000	34.40000	-0.37000	27.53661	-0.93149	274.69	780.62	317.58E-6
143	PLOT B File_C19c_17	89.01000	36.20000	-0.37000	31.57258	-0.93149	305.15	840.57	547.32E-6
144	PLOT B File_C19c_18	89.01000	38.00000	-0.37000	34.89852	-0.93149	368.14	993.94	807.53E-6
145	PLOT B File_C19c_19	89.01000	39.80000	-0.37000	35.43257	-0.93149	407.62	1085.4	0.0010049
146	PLOT B File_C19c_20	89.01000	41.60000	-0.37000	33.93402	-0.93149	413.20	1102.0	0.0010362
147	PLOT B File_C19c_21	89.50000	43.40000	-0.37000	30.99085	-0.93149	378.87	1016.8	875.96E-6
148	PLOT B File_C19c_22	89.50000	45.40000	-0.37000	28.42131	-0.93149	366.82	954.63	0.0010661
149	PLOT B File_C19c_23	89.50000	47.40000	-0.37000	23.79865	-0.93149	288.28	755.24	801.15E-6
150	PLOT B File_C19c_24	90.99000	36.20000	-1.70000	29.43872	-1.9730	394.33	1116.4	474.11E-6
151	PLOT B File_C19d_1	92.97000	34.40000	-1.70000	26.66235	-1.9730	266.62	721.27	450.03E-6
152	PLOT B File_C19d_2	92.97000	36.20000	-1.70000	27.46870	-1.9730	353.68	1099.7	-275.25E-6
153	PLOT B File_C19d_3	92.97000	38.00000	-1.70000	29.18877	-1.9730	369.92	1142.9	-236.16E-6
154	PLOT B File_C19d_4	92.97000	39.80000	-1.70000	27.80073	-1.9730	328.18	1015.5	-220.68E-6
155	PLOT B File_C19d_5	94.77000	39.80000	-1.70000	26.62558	-1.9730	340.13	1011.7	61.649E-6
156	PLOT B File_C19d_6	94.77000	38.00000	-1.70000	26.97930	-1.9730	328.18	1015.5	-220.68E-6
157	PLOT B File_C19d_7	94.77000	36.20000	-1.70000	26.90792	-1.9730	397.29	1143.1	347.56E-6
158	PLOT B File_C19d_8	94.77000	34.40000	-1.03000	21.78937	-1.4472	112.57	395.25	-415.26E-6
159	PLOT B File_C19e_1	97.73000	35.48000	-1.03000	20.69106	-1.4472	225.10	627.91	342.00E-6
160	PLOT B File_C19e_2	97.73000	37.28000	-1.03000	24.46944	-1.4472	289.28	779.80	635.15E-6
161	PLOT B File_C19e_3	97.73000	39.08000	-1.03000	24.33479	-1.4472	268.13	730.60	474.11E-6
162	PLOT B File_C19e_4	97.73000	40.88000	-1.03000	21.85523	-1.4472	243.11	663.79	472.95E-6
163	PLOT B File_C19e_5	99.53000	40.88000	-1.03000	17.73776	-1.4472	237.27	642.80	498.00E-6
164	PLOT B File_C19e_6	99.53000	39.08000	-1.03000	19.36998	-1.4472	265.87	727.80	503.63E-6
165	PLOT B File_C19e_7	99.53000	37.28000	-1.03000	18.91456	-1.4472	263.72	713.91	557.41E-6
166	PLOT B File_C19e_8	99.53000	35.48000	-1.03000	17.73155	-1.4472	225.10	627.91	342.00E-6
167	PLOT B File_C20_1	80.93000	41.79000	2.43000	23.56634	1.7315	123.43	343.32	211.42E-6
168	PLOT B File_C20_2	80.93000	39.99000	2.43000	28.04543	1.7315	121.86	326.85	303.64E-6
169	PLOT B File_C20_3	82.73000	39.99000	2.43000	30.43013	1.7315	121.76	325.41	312.76E-6
170	PLOT B File_C20_4	82.73000	41.79000	2.43000	27.06955	1.7315	122.80	336.96	246.61E-6
171	PLOT B File_C21_1	94.77000	46.78000	2.43000	20.73135	1.7315	136.93	401.69	279.48E-6
172	PLOT B File_C21_2	92.97000	44.98000	2.43000	22.24583	1.7315	128.06	331.83	410.53E-6
173	PLOT B File_C21_3	94.77000	44.98000	2.43000	19.78484	1.7315	150.17	359.78	711.38E-6
174	PLOT B File_C21_4	94.77000	46.78000	5.10000	19.62510	4.3603	78.647	212.36	199.22E-6
175	PLOT B File_C22_1	97.73000	46.78000	5.10000	18.13931	4.3603	131.45	323.80	595.85E-6
176	PLOT B File_C22_2	97.73000	44.98000	5.10000	18.74213	4.3603	128.95	326.85	303.64E-6
177	PLOT B File_C22_3	99.53000	44.98000	5.10000	16.00357	4.3603	107.77	264.37	497.99E-6
178	PLOT B File_C22_4	99.53000	46.78000	2.43000	12.92809	1.7315	115.69	261.21	673.35E-6
179	PLOT B File_C23_1	56.36000	27.06000	2.43000	13.09461	1.7315	102.62	278.66	229.05E-6
180	PLOT B File_C23_2	56.36000	25.26000	2.43000	13.23244	1.7315	111.87	280.70	430.67E-6
181	PLOT B File_C23_3	58.16000	25.26000	2.43000	16.81896	1.7315	110.54	279.48	408.96E-6
182	PLOT B File_C23_4	58.16000	27.06000	-1.57000	15.21257	-1.8708	174.97	464.50	431.25E-6
183	PLOT B File_C24_1	62.33000	24.81000	-1.57000	21.93662	-1.8708	254.31	771.26	-59.45E-6
184	PLOT B File_C24_2	62.33000	26.61000	-1.57000	21.96225	-1.8708	231.26	740.50	-333.47E-6
185	PLOT B File_C24_3	63.33000	28.22000	-1.57000	22.65292	-1.8708	222.90	712.01	-309.25E-6
186	PLOT B File_C24_4	64.13000	26.61000	-1.57000	24.47153	-1.8708	248.42	784.28	-350.03E-6
187	PLOT B File_C24_5	64.13000	24.81000	-1.57000	24.38983	-1.8708	272.24	832.08	-109.72E-6
188	PLOT B File_C24_6	63.33000	23.19000	-1.57000	21.78440	-1.8708	247.68	742.21	5.9849E-6
189	PLOT B File_C24_7	63.33000	21.39000	-1.57000	18.76347	-1.8708	194.76	588.23	-28.25E-6
190	PLOT B File_C24_8	63.33000	19.59000	0.30000	15.49606	-0.41003	79.359	206.65	232.84E-6
191	PLOT B File_C25_1	74.88000	20.28000	0.30000	22.65610	-0.41003	292.12	804.95	528.99E-6
192	PLOT B File_C25_2	74.88000	20.28000	0.30000	22.42471	-0.41003	196.94	563.47	202.56E-6
193	PLOT B File_C25_3	76.68000	20.28000	0.30000	21.89293	-0.41003	190.30	533.17	279.55E-6
194	PLOT B File_C25_4	76.68000	22.08000	2.97000	27.84434	2.1933	40.664	127.59	44.463E-6
195	PLOT B File_C26_1	81.32000	24.28000	2.97000	27.24418	2.1933	77.370	202.09	238.38E-6
196	PLOT B File_C26_2	82.88000	24.28000	2.97000	27.16506	2.1933	75.612	195.29	250.99E-6
197	PLOT B File_C26_3	82.88000	25.18000	0.30000	26.08562	-0.41003	231.96	630.69	482.9



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[μ]
243	PLOT B Pile_C35_5	99.53000	8.25000	2.97000	14.74350	2.1933	197.18	448.74	0.0011341
244	PLOT B Pile_C35_6	99.53000	10.05000	0.00000	10.64404	-0.64326	145.43	316.55	882.17E-6
245	PLOT C_C1_Pile1	105.13000	51.57000	3.40000	6.61678	2.5601	75.544	192.01	277.76E-6
246	PLOT C_C1_Pile2	105.78000	49.89000	3.40000	5.88127	2.5601	69.305	177.69	242.49E-6
247	PLOT C_C1_Pile3	107.46000	50.53000	3.40000	5.77226	2.5601	65.441	166.36	240.42E-6
248	PLOT C_C1_Pile4	106.81000	52.21000	3.40000	6.18141	2.5601	69.719	177.58	253.35E-6
249	PLOT C_C2_Pile1	110.73000	53.72000	-0.60000	9.08494	-1.1110	163.60	437.53	387.59E-6
250	PLOT C_C2_Pile2	111.38000	52.04000	-0.60000	9.25536	-1.1110	159.39	437.52	295.70E-6
251	PLOT C_C2_Pile3	113.06000	52.68000	-0.60000	9.81780	-1.1110	156.95	450.34	149.22E-6
252	PLOT C_C2_Pile4	112.41000	54.36000	-0.60000	9.54216	-1.1110	160.98	449.08	246.34E-6
253	PLOT C_C3_Pile1	116.33000	55.87000	-0.60000	9.94052	-1.1110	157.13	442.05	213.46E-6
254	PLOT C_C3_Pile2	116.98000	54.19000	-0.60000	10.30707	-1.1110	152.90	441.94	122.04E-6
255	PLOT C_C3_Pile3	118.66000	54.83000	-0.60000	10.64197	-1.1110	152.44	439.30	131.05E-6
256	PLOT C_C3_Pile4	118.01000	56.51000	-0.60000	10.20536	-1.1110	156.24	437.90	224.30E-6
257	PLOT C_C4_Pile1	121.94000	58.02000	-0.60000	12.56805	-1.1110	155.52	428.88	274.28E-6
258	PLOT C_C4_Pile2	122.58000	56.34000	-0.60000	13.44515	-1.1110	151.50	428.08	192.22E-6
259	PLOT C_C4_Pile3	124.26000	56.98000	-0.60000	15.71037	-1.1110	148.87	404.54	306.08E-6
260	PLOT C_C4_Pile4	123.62000	58.66000	-0.60000	13.68244	-1.1110	152.76	405.43	384.56E-6
261	PLOT C_C5_Pile1	133.14000	62.32000	-0.60000	14.08407	-1.1110	152.17	402.39	393.87E-6
262	PLOT C_C5_Pile2	133.78000	60.64000	-0.60000	16.26355	-1.1110	148.43	401.35	319.88E-6
263	PLOT C_C5_Pile3	135.46000	61.28000	-0.60000	14.39698	-1.1110	151.08	424.29	210.66E-6
264	PLOT C_C5_Pile4	134.82000	62.96000	-0.60000	12.79240	-1.1110	154.66	424.22	289.30E-6
265	PLOT C_C6_Pile1	138.74000	64.47000	-0.60000	12.44158	-1.1110	156.48	432.09	271.71E-6
266	PLOT C_C6_Pile2	139.38000	62.79000	-0.60000	13.04975	-1.1110	151.74	427.78	199.76E-6
267	PLOT C_C6_Pile3	141.07000	63.43000	-0.60000	14.38103	-1.1110	150.53	410.00	302.62E-6
268	PLOT C_C6_Pile4	140.42000	65.11000	-0.60000	13.87021	-1.1110	157.30	418.68	387.33E-6
269	PLOT C_C7_Pile1	142.58000	71.21000	2.07000	14.29688	1.4228	190.56	418.02	0.0011949
270	PLOT C_C7_Pile2	143.22000	69.53000	2.07000	15.86458	1.4228	175.57	399.03	992.86E-6
271	PLOT C_C7_Pile3	144.90000	70.18000	2.07000	16.31089	1.4228	175.74	399.29	994.89E-6
272	PLOT C_C7_Pile4	144.26000	71.86000	2.07000	14.45619	1.4228	189.95	416.94	0.0011890
273	PLOT C_C8_Pile1	150.98000	74.44000	-0.60000	13.32168	-1.1110	174.46	446.03	562.91E-6
274	PLOT C_C8_Pile2	151.62000	72.76000	-0.60000	15.89747	-1.1110	208.20	542.29	598.94E-6
275	PLOT C_C8_Pile3	153.30000	73.40000	-0.60000	15.21033	-1.1110	174.56	475.53	350.31E-6
276	PLOT C_C8_Pile4	152.66000	75.08000	-0.60000	13.59300	-1.1110	174.54	451.55	524.42E-6
277	PLOT C_C9_Pile1	156.58000	76.59000	-0.60000	13.56415	-1.1110	173.43	445.84	541.87E-6
278	PLOT C_C9_Pile2	157.23000	74.91000	-0.60000	14.76538	-1.1110	164.00	438.56	388.83E-6
279	PLOT C_C9_Pile3	158.91000	75.55000	-0.60000	14.77354	-1.1110	164.29	444.40	352.22E-6
280	PLOT C_C9_Pile4	158.26000	77.24000	-0.60000	13.48768	-1.1110	173.00	445.27	536.50E-6
281	PLOT C_C10_Pile1	162.18000	78.74000	-0.60000	12.86294	-1.1110	174.20	457.38	474.61E-6
282	PLOT C_C10_Pile2	162.83000	77.06000	-0.60000	15.61214	-1.1110	231.19	596.18	708.62E-6
283	PLOT C_C10_Pile3	164.51000	77.70000	-0.60000	14.07085	-1.1110	228.92	571.55	838.30E-6
284	PLOT C_C10_Pile4	163.86000	79.39000	-0.60000	11.48175	-1.1110	170.50	431.04	585.39E-6
285	PLOT C_C11_Pile1	107.82000	44.57000	3.40000	4.48780	2.5601	62.009	150.30	286.60E-6
286	PLOT C_C11_Pile2	108.46000	42.88000	3.40000	4.16639	2.5601	60.910	143.94	311.22E-6
287	PLOT C_C11_Pile3	110.14000	43.53000	3.40000	5.09844	2.5601	60.276	140.52	323.37E-6
288	PLOT C_C11_Pile4	109.50000	45.21000	3.40000	5.05917	2.5601	60.767	145.35	296.47E-6
289	PLOT C_C12_Pile1	113.42000	46.72000	-0.60000	11.15095	-1.1110	200.31	545.43	403.86E-6
290	PLOT C_C12_Pile2	114.07000	45.04000	-0.60000	13.16905	-1.1110	269.32	701.54	774.43E-6
291	PLOT C_C12_Pile3	115.75000	45.68000	-0.60000	13.84509	-1.1110	265.78	712.91	614.34E-6
292	PLOT C_C12_Pile4	115.10000	47.36000	-0.60000	11.81831	-1.1110	196.53	555.83	245.69E-6
293	PLOT C_C13_Pile1	119.02000	48.87000	-0.60000	10.45197	-1.1110	147.60	439.96	261.65E-6
294	PLOT C_C13_Pile2	119.67000	47.19000	-0.60000	10.34399	-1.1110	147.67	444.27	-9.2713E-6
295	PLOT C_C13_Pile3	121.35000	47.83000	-0.60000	9.99560	-1.1110	146.25	428.00	78.172E-6
296	PLOT C_C13_Pile4	120.70000	49.51000	-0.60000	10.43638	-1.1110	146.83	431.22	67.384E-6
297	PLOT C_C14_Pile1	124.62000	51.02000	-0.60000	12.79513	-1.1110	146.38	418.97	146.73E-6
298	PLOT C_C14_Pile2	125.27000	49.34000	-0.60000	10.89930	-1.1110	145.49	411.82	179.46E-6
299	PLOT C_C14_Pile3	126.95000	49.98000	-0.60000	12.25800	-1.1110	142.92	388.28	294.65E-6
300	PLOT C_C14_Pile4	126.30000	51.66000	-0.60000	14.75202	-1.1110	143.66	394.51	265.52E-6
301	PLOT C_C15_Pile1	135.83000	55.32000	-0.60000	17.27751	-1.1110	143.40	390.91	285.96E-6
302	PLOT C_C15_Pile2	136.47000	53.64000	-0.60000	14.87904	-1.1110	142.74	386.17	306.07E-6
303	PLOT C_C15_Pile3	138.15000	54.28000	-0.60000	13.37773	-1.1110	145.35	407.98	204.15E-6
304	PLOT C_C15_Pile4	137.51000	55.96000	-0.60000	14.35782	-1.1110	145.86	412.65	181.36E-6
305	PLOT C_C16_Pile1	141.43000	57.47000	-0.60000	13.15585	-1.1110	146.07	414.26	174.39E-6
306	PLOT C_C16_Pile2	142.07000	55.79000	-0.60000	12.55819	-1.1110	145.20	407.95	201.22E-6
307	PLOT C_C16_Pile3	143.75000	56.43000	-0.60000	15.20309	-1.1110	142.83	389.28	285.31E-6
308	PLOT C_C16_Pile4	143.11000	58.11000	-0.60000	15.86352	-1.1110	143.52	392.96	273.51E-6
309	PLOT C_C17_Pile1	145.76000	60.41000	-3.27000	20.01889	-4.5899	269.00	641.83	0.0010419
310	PLOT C_C17_Pile2	146.40000	58.73000	-3.27000	20.72625	-4.5899	313.15	720.68	0.0013800
311	PLOT C_C17_Pile3	147.05000	57.05000	-3.27000	19.72850	-4.5899	292.34	681.62	0.0012326
312	PLOT C_C17_Pile4	148.73000	57.70000	-3.27000	21.56497	-4.5899	232.32	745.11	0.0011884
313	PLOT C_C17_Pile5	148.08000	59.38000	-3.27000	22.11264	-4.5899	335.63	774.26	0.0014674
314	PLOT C_C17_Pile6	147.44000	61.06000	-3.27000	21.48931	-4.5899	286.80	684.35	0.0011107
315	PLOT C_C17_Pile7	149.12000	61.70000	-3.27000	20.13049	-4.5899	247.40	613.27	813.36E-6
316	PLOT C_C17_Pile8	149.76000	60.02000	-3.27000	21.10906	-4.5899	296.15	706.74	0.0011463
317	PLOT C_C17_Pile9	150.41000	58.34000	-3.27000	21.15820	-4.5899	305.43	718.54	0.0011274
318	PLOT C_C18_Pile1	143.86000	66.83000	-5.93000	14.13632	-7.1071	231.51	563.92	717.21E-6
319	PLOT C_C18_Pile2	144.77000	64.46000	-5.93000	16.37398	-7.1071	261.98	629.74	857.68E-6
320	PLOT C_C18_Pile3	147.15000	65.37000	-5.93000	16.89193	-7.10			



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
384	Plot C_C33_Pile2	122.89000	39.78000	-0.60000	12.64455	-1.1110	283.46	726.27	903.19E-6
385	Plot C_C33_Pile3	124.57000	39.43000	-0.60000	12.40744	-1.1110	283.27	723.74	917.39E-6
386	Plot C_C33_Pile4	123.93000	41.11000	-0.60000	12.72359	-1.1110	283.31	728.36	884.62E-6
387	Plot C_C34_Pile1	122.25000	40.46000	-0.60000	13.00253	-1.1110	283.65	733.27	856.26E-6
388	Plot C_C34_Pile2	122.89000	39.78000	-0.60000	12.64455	-1.1110	283.46	726.27	903.19E-6
389	Plot C_C34_Pile3	124.57000	39.43000	-0.60000	12.40744	-1.1110	283.27	723.74	917.39E-6
390	Plot C_C34_Pile4	123.93000	41.11000	-0.60000	12.72359	-1.1110	283.31	728.36	884.62E-6
391	Plot C_C35_Pile1	114.49000	43.91000	-0.60000	12.86086	-1.1110	265.52	693.30	751.46E-6
392	Plot C_C35_Pile2	115.14000	42.23000	-0.60000	10.09501	-1.1110	192.98	525.73	387.23E-6
393	Plot C_C35_Pile3	116.82000	42.88000	-0.60000	10.68870	-1.1110	193.68	533.92	342.90E-6
394	Plot C_C35_Pile4	116.18000	44.56000	-0.60000	10.53110	-1.1110	265.52	706.26	657.13E-6
395	Plot C_C36_Pile1	111.19000	35.79000	-0.60000	6.46153	-1.1110	152.07	410.43	333.10E-6
396	Plot C_C36_Pile2	111.83000	34.11000	-0.60000	6.22484	-1.1110	152.66	408.98	356.49E-6
397	Plot C_C36_Pile3	113.51000	34.75000	-0.60000	6.17225	-1.1110	148.52	401.90	317.72E-6
398	Plot C_C36_Pile4	112.87000	36.43000	-0.60000	6.44336	-1.1110	148.07	405.12	284.39E-6
399	Plot C_C37_Pile1	103.58000	33.64000	-0.60000	4.24035	2.5601	63.231	142.65	177.45E-6
400	Plot C_C37_Pile2	106.23000	31.96000	-0.60000	3.55743	2.5601	63.485	143.46	377.07E-6
401	Plot C_C37_Pile3	107.91000	32.60000	-0.60000	3.48525	2.5601	61.618	140.32	357.26E-6
402	Plot C_C37_Pile4	107.26000	34.28000	-0.60000	3.89472	2.5601	61.608	140.03	359.38E-6
403	Plot C_C38_Pile1	103.06000	23.46000	-0.60000	7.03466	2.5601	68.339	151.33	430.69E-6
404	Plot C_C38_Pile2	103.71000	21.78000	-0.60000	5.39217	2.5601	66.350	148.87	387.87E-6
405	Plot C_C38_Pile3	105.39000	22.43000	-0.60000	3.74260	2.5601	64.411	151.91	331.55E-6
406	Plot C_C38_Pile4	104.74000	24.11000	-0.60000	4.47381	2.5601	66.523	153.07	373.11E-6
407	Plot C_C39_Pile1	108.67000	25.61000	-0.60000	2.44989	2.5601	64.635	150.99	344.31E-6
408	Plot C_C39_Pile2	109.31000	23.93000	-0.60000	2.19190	2.5601	62.624	150.00	303.86E-6
409	Plot C_C39_Pile3	110.91000	24.57000	-0.60000	2.04113	2.5601	43.264	143.26	316.44E-6
410	Plot C_C39_Pile4	110.35000	26.26000	-0.60000	2.23646	2.5601	64.473	149.53	352.16E-6
411	Plot C_C40_Pile1	114.27000	27.76000	-0.60000	2.74221	2.5601	64.532	144.94	390.39E-6
412	Plot C_C40_Pile2	114.91000	26.08000	-0.60000	2.71055	2.5601	63.831	145.64	367.85E-6
413	Plot C_C40_Pile3	116.59000	26.72000	-0.60000	4.43709	2.5601	63.864	140.09	413.20E-6
414	Plot C_C40_Pile4	115.85000	28.41000	-0.60000	4.17383	2.5601	63.632	138.50	420.33E-6
415	Plot C_C41_Pile1	119.87000	29.91000	-5.27000	7.16847	-6.3779	149.05	442.29	27.72E-6
416	Plot C_C41_Pile2	120.52000	28.23000	-5.27000	7.52814	-6.3779	150.44	458.13	-38.86E-6
417	Plot C_C41_Pile3	122.20000	28.88000	-5.27000	9.22628	-6.3779	186.62	536.85	131.23E-6
418	Plot C_C41_Pile4	121.55000	30.56000	-5.27000	8.71443	-6.3779	182.99	516.06	186.90E-6
419	Plot C_C42_Pile1	125.47000	33.06000	-5.27000	8.92927	-6.3779	185.95	522.28	202.81E-6
420	Plot C_C42_Pile2	126.12000	30.38000	-5.27000	9.23693	-6.3779	180.46	535.39	34.179E-6
421	Plot C_C42_Pile3	127.80000	31.03000	-5.27000	7.66431	-6.3779	143.09	460.31	-177.04E-6
422	Plot C_C42_Pile4	127.15000	32.71000	-5.27000	7.24604	-6.3779	145.86	444.34	-38.55E-6
423	Plot C_C43_Pile1	142.81000	35.51000	-5.27000	7.85965	-6.3779	141.25	440.00	-93.34E-6
424	Plot C_C43_Pile2	142.82000	36.83000	-5.27000	7.84363	-6.3779	140.48	459.48	-171.00E-6
425	Plot C_C43_Pile3	144.66000	37.48000	-5.27000	9.66886	-6.3779	178.93	536.92	-685.96E-6
426	Plot C_C43_Pile4	143.96000	39.16000	-5.27000	9.14197	-6.3779	177.28	515.97	90.605E-6
427	Plot C_C44_Pile1	147.88000	40.66000	-5.27000	10.47789	-6.3779	183.22	547.20	13.998E-6
428	Plot C_C44_Pile2	148.52000	39.98000	-5.27000	10.76789	-6.3779	179.15	559.20	-128.59E-6
429	Plot C_C44_Pile3	150.20000	39.63000	-5.27000	11.08999	-6.3779	181.49	564.28	12.96E-6
430	Plot C_C44_Pile4	149.56000	41.31000	-5.27000	10.68425	-6.3779	180.17	547.73	-41.148E-6
431	Plot C_C45_Pile1	153.48000	42.81000	-5.27000	11.01680	-6.3779	180.93	547.70	-28.019E-6
432	Plot C_C45_Pile2	154.12000	41.13000	-5.27000	11.24627	-6.3779	176.89	558.55	-158.98E-6
433	Plot C_C45_Pile3	155.80000	41.78000	-5.27000	11.25053	-6.3779	159.61	512.03	-42.64E-6
434	Plot C_C45_Pile4	155.16000	43.46000	-5.27000	10.28376	-6.3779	156.48	511.92	-242.24E-6
435	Plot C_C46_Pile1	159.79000	45.24000	-5.27000	9.11916	-6.3779	150.56	473.29	-123.33E-6
436	Plot C_C46_Pile2	160.44000	43.56000	-5.27000	9.50781	-6.3779	151.91	490.10	-196.05E-6
437	Plot C_C46_Pile3	162.12000	44.20000	-5.27000	8.55327	-6.3779	138.23	450.21	-202.63E-6
438	Plot C_C46_Pile4	161.48000	46.88000	-5.27000	8.63936	-6.3779	134.36	429.44	-150.38E-6
439	Plot C_C47_Pile1	167.56000	45.62000	-5.27000	6.40492	-6.3779	132.37	389.36	44.252E-6
440	Plot C_C47_Pile2	167.56000	43.82000	-5.27000	7.04150	-6.3779	135.98	410.96	-17.229E-6
441	Plot C_C47_Pile3	169.36000	43.82000	-5.27000	6.12305	-6.3779	131.79	379.99	87.776E-6
442	Plot C_C47_Pile4	169.36000	45.62000	-5.27000	5.52704	-6.3779	128.01	359.38	140.66E-6
443	Plot C_C48_Pile1	167.56000	36.32000	-5.27000	7.94493	-6.3779	137.44	412.79	-42.64E-6
444	Plot C_C48_Pile2	167.56000	36.32000	-5.27000	7.95414	-6.3779	138.25	419.48	-26.927E-6
445	Plot C_C48_Pile3	169.36000	36.32000	-5.27000	7.07865	-6.3779	135.76	390.21	97.341E-6
446	Plot C_C48_Pile4	169.36000	38.12000	-5.27000	6.93067	-6.3779	134.52	389.42	80.594E-6
447	Plot C_C49_Pile1	160.06000	38.12000	-5.27000	12.49385	-6.3779	217.27	620.34	179.53E-6
448	Plot C_C49_Pile2	160.06000	39.92000	-5.27000	13.02020	-6.3779	237.67	645.09	385.53E-6
449	Plot C_C49_Pile3	161.86000	36.32000	-5.27000	11.21628	-6.3779	188.00	551.01	74.159E-6
450	Plot C_C49_Pile4	161.86000	38.12000	-5.27000	10.75952	-6.3779	172.69	530.85	-72.840E-6
451	Plot C_C50_Pile1	156.17000	35.81000	-5.27000	13.09878	-6.3779	218.78	636.60	112.61E-6
452	Plot C_C50_Pile2	156.81000	34.13000	-5.27000	12.77102	-6.3779	208.52	620.57	28.426E-6
453	Plot C_C50_Pile3	158.49000	34.78000	-5.27000	13.26646	-6.3779	231.69	640.89	45.45E-6
454	Plot C_C50_Pile4	157.85000	36.46000	-5.27000	13.56500	-6.3779	238.30	666.56	275.66E-6
455	Plot C_C51_Pile1	150.57000	33.66000	-5.27000	11.39188	-6.3779	176.57	560.76	-177.09E-6
456	Plot C_C51_Pile2	151.21000	31.98000	-5.27000	11.46059	-6.3779	174.01	559.14	-211.63E-6
457	Plot C_C51_Pile3	152.89000	32.63000	-5.27000	11.66367	-6.3779	176.68	561.62	-180.22E-6
458	Plot C_C51_Pile4	152.25000	34.31000	-5.27000	11.50182	-6.3779	174.24	559.20	-212.29E-6
459	Plot C_C52_Pile1	144.96000	31.51000	-5.27000	10.59817	-6.3779	176.54	553.26	-134.75E-6
460	Plot C_C52_Pile2	145.61000	29.83000	-5.27000	10.99940	-6.3779	174.73	559.70	-202.63E-6
461	Plot C_C52_Pile3	147.29000	30.48000	-5.27000	11.22582	-6.3779	177.08	562.39	-177.71E-6
462	Plot C_C52_Pile4	146.64000	32.16000	-5.27000	10.82044	-6.3779	173.97	555.40	-191.03E-6
463	Plot C_C53_Pile1	139.36000	29.83000	-5.27000	9.60268	-6.3779	172.97	526.76	-44.81E-6
464	Plot C_C53_Pile2	140.01000	27.68000	-5.27000	10.69771	-6.3779	177.76	559.05	-147.09E-6
465	Plot C_C53_Pile3	141.69000	28.32000	-5.27000	10.80309	-6.3779	179.22	560.83	-132.23E-6
466	Plot C_C53_Pile4	141.04000	30.01000	-5.27000	9.69738	-6.3779	169.78	527.27	-102.28E-6
467	Plot C_C54_Pile1	133.76000	27.21000	-5.27000	9.80040	-6.3779	173.56	530.99	-58.779E-6
468	Plot C_C54_Pile2	134.41000	25.53000	-5.27000	10.75359	-6.3779	176.57	554.18	-160.05E-6
469	Plot C_C54_Pile3	136.09000	26.17000	-5.27000	10.79016	-6.3779	180.34	560.84	-113.11E-6
470	Plot C_C54_Pile4	135.44000	27.86000	-5.27000	9.52192	-6.3779	170.10	523.35	-74.501E-6
471	Plot C_C55_Pile1	128.16000	25.06000	-5.27000	10.54400	-6.3779	180.20	556.48	-90.591E-6
472	Plot C_C55_Pile2	128.80000	23.38000	-5.27000	10.83013	-6.3779	177.34	556.91	-141.94E-6
473	Plot C_C55_Pile3	130.49000	24.02000	-5.27000	10.98443	-6.3779	179.17	561.54	-137.02E-6
474	Plot C_C55_Pile4	129.84000	25.70000	-5.27000	10.38534	-6.3779	176.17	551.21	-129.49E-6
475	Plot C_C56_Pile1	122.56000	22.91000	-5.27000	7.79707	-6.3779	145.87	444.70	-63.317E-6
476	Plot C_C56_Pile2	123.20000	21.23000	-5.27000	7.77506	-6.3779	143.08	438.92	-55.257E-6
477	Plot C_C56_Pile3	124.88000	21.87000	-5.27000	9.71204	-6.3779	178.46	521.50	79.202E-6
478	Plot C_C56_Pile4	124.24000	22.55000	-5.27000	9.61380	-6.3779	179.21	528.92	49.643E-6
479	Plot C_C57_Pile1	116.95000	20.76000	-0.60000	2.54597	2.5601	59.839	141.85	302.23E-6
480	Plot C_C57_Pile2	117.60000	19.08000	-0.60000	2.60158	2.5601	59.733	142.00	



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Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
525	Plot C_C68_Pile3	155.58000	25.62000	-5.27000	12.48321	-6.3779	195.32	588.00	-11.683E-6
526	Plot C_C68_Pile4	154.93000	27.30000	-5.27000	11.99994	-6.3779	179.75	570.27	-176.96E-6
527	Plot C_C69_Pile1	158.85000	28.81000	-5.27000	11.55304	-6.3779	178.50	550.59	-85.997E-6
528	Plot C_C69_Pile2	159.55000	27.13000	-5.27000	12.39461	-6.3779	209.74	596.85	184.63E-6
529	Plot C_C69_Pile3	161.18000	27.77000	-5.27000	10.51115	-6.3779	158.49	501.27	-147.23E-6
530	Plot C_C70_Pile1	160.54000	29.45000	-5.27000	10.01790	-6.3779	139.17	472.09	-311.30E-6
531	Plot C_C70_Pile2	167.56000	30.62000	-5.27000	8.06000	-6.3779	138.00	407.96	34.506E-6
532	Plot C_C70_Pile3	167.56000	28.82000	-5.27000	8.21523	-6.3779	139.17	411.53	34.159E-6
533	Plot C_C70_Pile4	169.36000	28.82000	-5.27000	7.58679	-6.3779	140.64	393.23	163.64E-6
534	Plot C_C70_Pile4	169.36000	30.62000	-5.27000	7.44556	-6.3779	139.59	391.41	156.13E-6
535	Plot C_C71_Pile1	167.56000	23.12000	-5.27000	8.80088	-6.3779	144.15	423.75	15.429E-6
536	Plot C_C71_Pile2	167.56000	21.32000	-5.27000	8.90047	-6.3779	144.56	431.00	15.239E-6
537	Plot C_C71_Pile3	169.36000	21.32000	-5.27000	8.13603	-6.3779	143.38	401.45	163.58E-6
538	Plot C_C71_Pile4	169.36000	23.12000	-5.27000	8.02983	-6.3779	142.98	400.24	163.68E-6
539	Plot C_C72_Pile1	160.06000	23.12000	-5.27000	11.75558	-6.3779	188.12	554.35	57.150E-6
540	Plot C_C72_Pile2	160.06000	21.32000	-5.27000	10.84156	-6.3779	158.58	494.93	109.49E-6
541	Plot C_C72_Pile3	161.86000	21.32000	-5.27000	10.25742	-6.3779	148.14	479.36	-199.26E-6
542	Plot C_C72_Pile4	161.86000	23.12000	-5.27000	10.86804	-6.3779	168.64	515.94	-57.111E-6
543	Plot C_C73_Pile1	131.93000	15.24000	-5.27000	15.48424	-6.3779	287.50	776.01	493.37E-6
544	Plot C_C73_Pile2	132.58000	13.56000	-5.27000	13.57920	-6.3779	237.54	686.89	146.80E-6
545	Plot C_C73_Pile3	134.26000	14.20000	-5.27000	13.34874	-6.3779	230.02	666.77	44.17E-6
546	Plot C_C73_Pile4	133.61000	15.88000	-5.27000	15.39653	-6.3779	281.37	766.77	44.17E-6
547	Plot C_C74_Pile1	120.67000	10.39000	3.40000	3.87943	2.5601	83.09	189.04	481.53E-6
548	Plot C_C74_Pile2	121.32000	8.71000	3.40000	2.94938	2.5601	60.203	143.29	299.42E-6
549	Plot C_C74_Pile3	123.00000	9.36000	3.40000	4.32955	2.5601	60.278	141.16	318.34E-6
550	Plot C_C74_Pile4	122.35000	11.04000	3.40000	5.40000	2.5601	67.919	183.89	562.98E-6
551	Plot C_C75_Pile1	110.91000	6.25000	3.40000	1.10910	2.5601	60.297	142.49	308.10E-6
552	Plot C_C75_Pile2	111.56000	4.57000	3.40000	0.78908	2.5601	60.242	138.47	339.05E-6
553	Plot C_C75_Pile3	113.24000	5.21000	3.40000	0.80088	2.5601	59.629	137.99	328.15E-6
554	Plot C_C75_Pile4	112.59000	6.88000	3.40000	0.80088	2.5601	59.629	140.34	314.35E-6
555	Plot C_C76_Pile1	117.86000	3.44000	3.40000	1.14845	2.5601	49.229	134.41	347.42E-6
556	Plot C_C76_Pile2	118.51000	1.76000	3.40000	1.20874	2.5601	59.382	132.18	368.80E-6
557	Plot C_C76_Pile3	120.19000	2.40000	3.40000	2.20834	2.5601	59.129	132.87	357.20E-6
558	Plot C_C76_Pile4	119.54000	4.09000	3.40000	1.71091	2.5601	59.088	134.28	344.90E-6
559	Plot C_C77_Pile1	128.07000	9.62000	-5.27000	9.12000	-6.3779	172.44	490.22	153.73E-6
560	Plot C_C77_Pile2	128.07000	7.82000	-5.27000	7.37004	-6.3779	137.36	408.69	19.349E-6
561	Plot C_C77_Pile3	129.87000	7.82000	-5.27000	7.68101	-6.3779	135.20	415.77	-58.012E-6
562	Plot C_C77_Pile4	129.87000	9.62000	-5.27000	9.44936	-6.3779	165.50	498.57	-11.855E-6
563	Plot C_C78_Pile1	137.05000	9.89000	-5.27000	8.29252	-6.3779	141.60	446.58	-124.27E-6
564	Plot C_C78_Pile2	136.28000	8.22000	-5.27000	7.63754	-6.3779	131.76	417.11	-124.50E-6
565	Plot C_C78_Pile3	138.74000	7.55000	-5.27000	7.34017	-6.3779	131.33	407.45	-76.791E-6
566	Plot C_C78_Pile4	138.72000	9.22000	-5.27000	7.48590	-6.3779	132.32	412.79	-90.348E-6
567	Plot C_C79_Pile1	160.06000	15.62000	-5.27000	10.58665	-6.3779	161.19	487.20	-20.702E-6
568	Plot C_C79_Pile2	160.06000	13.82000	-5.27000	11.21691	-6.3779	186.64	529.95	170.97E-6
569	Plot C_C79_Pile3	161.86000	13.82000	-5.27000	11.24680	-6.3779	181.57	532.02	170.56E-6
570	Plot C_C79_Pile4	161.86000	15.62000	-5.27000	10.31837	-6.3779	150.55	482.60	-176.47E-6
571	Plot C_C80_Pile1	167.56000	15.62000	-5.27000	9.29620	-6.3779	145.39	435.87	1.6828E-6
572	Plot C_C80_Pile2	167.56000	13.82000	-5.27000	9.53677	-6.3779	146.01	440.95	-16.680E-6
573	Plot C_C80_Pile3	169.36000	13.82000	-5.27000	8.75885	-6.3779	144.55	409.25	139.20E-6
574	Plot C_C80_Pile4	169.36000	15.62000	-5.27000	8.75885	-6.3779	144.14	409.60	152.93E-6
575	Plot C_C81_Pile1	167.56000	8.15000	-5.27000	12.62467	-6.3779	219.41	592.03	373.52E-6
576	Plot C_C81_Pile2	167.56000	6.35000	-5.27000	13.79473	-6.3779	257.53	650.34	697.38E-6
577	Plot C_C81_Pile3	169.36000	6.35000	-5.27000	13.24979	-6.3779	257.65	628.32	824.96E-6
578	Plot C_C81_Pile4	169.36000	8.14000	-5.27000	11.96781	-6.3779	218.37	563.93	520.14E-6
579	Plot C_C82_Pile1	160.06000	7.82000	-5.27000	9.62000	-6.3779	186.52	520.23	195.73E-6
580	Plot C_C82_Pile2	160.06000	7.82000	-5.27000	10.36214	-6.3779	158.39	465.17	56.975E-6
581	Plot C_C82_Pile3	161.86000	7.82000	-5.27000	10.32141	-6.3779	148.75	469.54	-132.79E-6
582	Plot C_C82_Pile4	161.86000	9.62000	-5.27000	11.32818	-6.3779	180.88	528.34	81.610E-6
583	Plot C_C83_Pile1	124.82000	0.63000	-5.27000	5.38170	-6.3779	137.73	355.03	331.83E-6
584	Plot C_C83_Pile2	125.46000	-0.40000	-5.27000	6.37792	-6.3779	136.26	322.10	500.22E-6
585	Plot C_C83_Pile3	127.14000	-0.40000	-5.27000	5.99561	-6.3779	139.34	376.18	238.59E-6
586	Plot C_C83_Pile4	126.50000	1.28000	-5.27000	5.98077	-6.3779	137.72	370.49	243.43E-6
587	Plot C_C84_Pile1	124.82000	0.63000	3.40000	7.15348	2.5601	59.277	130.32	381.21E-6
588	Plot C_C84_Pile2	125.46000	-1.05000	3.40000	7.04778	2.5601	59.238	128.49	394.95E-6
589	Plot C_C84_Pile3	127.14000	-0.40000	3.40000	7.12707	2.5601	59.201	127.60	392.22E-6
590	Plot C_C84_Pile4	126.50000	1.28000	3.40000	7.69457	2.5601	58.904	127.85	392.05E-6
591	Plot C_C85_Pile1	132.92000	-1.69000	-5.27000	6.59352	-6.3779	133.13	381.56	101.59E-6
592	Plot C_C85_Pile2	132.24000	-3.36000	-5.27000	6.25831	-6.3779	133.81	374.38	154.21E-6
593	Plot C_C85_Pile3	133.91000	-4.03000	-5.27000	6.78405	-6.3779	141.65	395.62	167.20E-6
594	Plot C_C85_Pile4	134.59000	-2.36000	-5.27000	7.03210	-6.3779	142.70	417.70	117.70E-6
595	Plot C_C86_Pile1	142.21000	2.65000	-5.27000	10.05660	-6.3779	170.50	468.86	243.17E-6
596	Plot C_C86_Pile2	141.54000	0.98000	-5.27000	9.77678	-6.3779	160.49	464.14	98.860E-6
597	Plot C_C86_Pile3	143.21000	0.30000	-5.27000	11.37078	-6.3779	184.74	509.85	253.11E-6
598	Plot C_C86_Pile4	143.88000	1.97000	-5.27000	11.96629	-6.3779	202.58	520.69	496.43E-6
599	Plot C_C87_Pile1	167.56000	3.32000	-5.27000	13.36663	-6.3779	216.26	643.19	29.72E-6
600	Plot C_C87_Pile2	167.56000	3.32000	-5.27000	12.32367	-6.3779	215.47	568.59	443.83E-6
601	Plot C_C87_Pile3	169.36000	3.32000	-5.27000	11.93663	-6.3779	217.75	556.51	551.88E-6
602	Plot C_C87_Pile4	169.36000	5.12000	-5.27000	13.23813	-6.3779	257.57	626.42	834.45E-6
603	Plot C_C88_Pile1	167.56000	-2.38000	-5.27000	9.85342	-6.3779	145.51	426.39	57.772E-6
604	Plot C_C88_Pile2	167.56000	-4.18000	-5.27000	9.88568	-6.3779	145.54	424.77	67.571E-6
605	Plot C_C88_Pile3	169.36000	-4.18000	-5.27000	9.12788	-6.3779	144.22	396.98	203.57E-6
606	Plot C_C88_Pile4	169.36000	-2.38000	-5.27000	9.16154	-6.3779	144.38	399.95	189.21E-6
607	Plot C_C89_Pile1	160.06000	-2.38000	-5.27000	13.15121	-6.3779	220.54	586.30	429.64E-6
608	Plot C_C89_Pile2	160.06000	-4.18000	-5.27000	13.90155	-6.3779	232.47	621.08	435.41E-6
609	Plot C_C89_Pile3	161.86000	-4.18000	-5.27000	12.93220	-6.3779	175.55	421.89	17.148E-6
610	Plot C_C89_Pile4	161.86000	-2.38000	-5.27000	11.35474	-6.3779	165.39	493.00	18.140E-6
611	Plot C_C90_Pile1	156.12000	-2.97000	-5.27000	13.16035	-6.3779	201.98	569.00	210.65E-6
612	Plot C_C90_Pile2	155.45000	-4.64000	-5.27000	12.37827	-6.3779	172.96	531.82	-73.852E-6
613	Plot C_C90_Pile3	157.11000	-5.32000	-5.27000	13.57362	-6.3779	211.98	598.62	212.89E-6
614	Plot C_C90_Pile4	157.79000	-4.65000	-5.27000	14.27883	-6.3779	241.76	630.65	505.455E-6
615	Plot C_C91_Pile1	149.17000	-0.16000	-5.27000	14.29036	-6.3779	225.67	567.71	623.38E-6
616	Plot C_C91_Pile2	148.49000	-1.83000	-5.27000	12.87985	-6.3779	191.51	536.97	214.32E-6
617	Plot C_C91_Pile3	150.16000	-2.51000	-5.27000	12.55266	-6.3779	180.70	523.80	104.45E-6
618	Plot C_C91_Pile4	150.83000	-0.84000	-5.27000	13.75934	-6.3779	209.60	550.70	445.44E-6
619	Plot C_C92_Pile1	139.40000	-8.10000	-5.27000	8.65944	-6.3779	150.11	443.62	18.208E-6
620	Plot C_C92_Pile2	138.73000	-5.98000	-5.27000	7.85234	-6.3779	146.50	413.34	149.22E-6
621	Plot C_C92_Pile3	140.40000	-6.65000	-5.27000	7.97048	-6.3779	141.12	403.43	113.65E-6
622	Plot C_C92_Pile4	141.07000	-4.98000						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
666	Plot C_Shaft Wall C1_Pile422	160.77000	67.49000	-5.93000	21.46420	-7.1071	371.12	881.32	0.0012741
667	Plot C_Shaft Wall C2_Pile423	140.81000	20.77000	-2.60000	16.80439	-2.6830	109.89	334.58	-34.436E-6
668	Plot C_Shaft Wall C2_Pile424	140.81000	17.32000	-2.60000	14.11003	-2.6830	164.61	486.32	52.511E-6
669	Plot C_Shaft Wall C2_Pile425	143.61000	17.17000	-2.60000	11.18117	-2.6830	110.01	341.80	-82.430E-6
670	Plot C_Shaft Wall C2_Pile426	149.56000	16.87000	-2.60000	11.36313	-2.6830	213.93	616.61	176.22E-6
671	Plot C_Shaft Wall C2_Pile427	149.56000	19.19000	-2.60000	14.07896	-2.6830	214.03	621.40	144.69E-6
672	Plot C_Shaft Wall C2_Pile428	152.46000	16.87000	-2.60000	13.69967	-2.6830	271.02	804.58	59.299E-6
673	Plot C_Shaft Wall C2_Pile429	152.46000	19.49000	-2.60000	15.25849	-2.6830	276.57	814.53	106.17E-6
674	Plot C_Shaft Wall C2_Pile430	155.61000	19.49000	-2.60000	12.76686	-2.6830	165.41	515.73	-136.46E-6
675	Plot C_Shaft Wall C2_Pile431	155.56000	16.87000	-2.60000	12.04402	-2.6830	171.19	532.23	-130.55E-6
676	Plot C_Shaft Wall C2_Pile432	155.56000	6.27000	-2.60000	12.68198	-2.6830	211.37	614.76	135.41E-6
677	Plot C_Shaft Wall C2_Pile433	155.56000	4.24000	-2.60000	12.94864	-2.6830	172.15	548.37	-223.42E-6
678	Plot C_Shaft Wall C2_Pile434	152.46000	6.57000	-2.60000	14.27981	-2.6830	271.54	805.37	64.672E-6
679	Plot C_Shaft Wall C2_Pile435	152.46000	4.24000	-2.60000	17.26311	-2.6830	365.13	1034.9	423.16E-6
680	Plot C_Shaft Wall C2_Pile436	149.48000	6.57000	-2.60000	12.19830	-2.6830	208.89	612.28	100.61E-6
681	Plot C_Shaft Wall C2_Pile437	149.48000	3.94000	-2.60000	16.52371	-2.6830	304.19	845.10	472.21E-6
682	Plot C_Shaft Wall C2_Pile438	146.01000	3.94000	-2.60000	13.59030	-2.6830	162.58	488.19	-3.2650E-6
683	Plot C_Shaft Wall C2_Pile439	146.01000	1.09000	-2.60000	15.54557	-2.6830	109.76	340.34	-77.482E-6
684	Plot C_Shaft Wall C2_Pile440	152.36000	0.94000	-2.60000	15.12056	-2.6830	151.26	431.29	157.48E-6

Results : Consolidation : Load Centres : Circular

None

Results : Total : Load Centres : Circular

None

Results : Immediate : Load Centres : Polygonal

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Plot A Existing	31.19200	33.36831	21.70000	-1.84450	21.275	0.0	0.0	0.0
2	Plot B Existing	83.24834	33.57748	21.60000	26.07454	21.200	0.0	0.0	0.0
3	Plot C Existing	140.02722	33.38582	22.00000	4.69197	21.667	0.0	0.0	0.0

Results : Consolidation : Load Centres : Polygonal

None

Results : Total : Load Centres : Polygonal

None

Results : Immediate : Displacement Data : Lines

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Canal Side Studios_1	6.00000	14.00000	22.00000	-0.85461	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	15.94444	22.00000	-0.86428	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	17.88889	22.00000	-0.87293	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	19.83333	22.00000	-0.88050	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	21.77778	22.00000	-0.88694	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	23.72222	22.00000	-0.89221	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	25.66667	22.00000	-0.89667	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	27.61111	22.00000	-0.89907	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	29.55556	22.00000	-0.90061	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	31.50000	22.00000	-0.90089	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	33.44444	22.00000	-0.89989	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	35.38889	22.00000	-0.89763	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	37.33333	22.00000	-0.89413	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	39.27778	22.00000	-0.88941	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	41.22222	22.00000	-0.88352	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	43.16667	22.00000	-0.87649	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	45.11111	22.00000	-0.86838	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	47.05556	22.00000	-0.85925	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	49.00000	22.00000	-0.84916	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	6.00000	49.00000	22.00000	-0.84916	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	4.00000	49.00000	22.00000	-0.80281	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	2.00000	49.00000	22.00000	-0.75945	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	0.00000	49.00000	22.00000	-0.71889	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-2.00000	49.00000	22.00000	-0.68096	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-4.00000	49.00000	22.00000	-0.64548	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-6.00000	49.00000	22.00000	-0.61227	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-8.00000	49.00000	22.00000	-0.58119	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-10.00000	49.00000	22.00000	-0.55207	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-12.00000	49.00000	22.00000	-0.52479	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-14.00000	49.00000	22.00000	-0.49922	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	49.00000	22.00000	-0.49922	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	47.05556	22.00000	-0.50324	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	45.11111	22.00000	-0.50685	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	43.16667	22.00000	-0.51004	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	41.22222	22.00000	-0.51278	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	39.27778	22.00000	-0.51507	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	37.33333	22.00000	-0.51689	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	35.38889	22.00000	-0.51823	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	33.44444	22.00000	-0.51908	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	31.50000	22.00000	-0.51943	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	29.55556	22.00000	-0.51929	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	27.61111	22.00000	-0.51866	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	25.66667	22.00000	-0.51753	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	23.72222	22.00000	-0.51591	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	21.77778	22.00000	-0.51382	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	19.83333	22.00000	-0.51125	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	17.88889	22.00000	-0.50823	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	15.94444	22.00000	-0.50477	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	14.00000	22.00000	-0.50088	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-14.00000	14.00000	22.00000	-0.50088	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-12.00000	14.00000	22.00000	-0.52668	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-10.00000	14.00000	22.00000	-0.55422	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-8.00000	14.00000	22.00000	-0.58362	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-6.00000	14.00000	22.00000	-0.61503	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-4.00000	14.00000	22.00000	-0.64859	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-2.00000	14.00000	22.00000	-0.68446	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	0.00000	14.00000	22.00000	-0.72283	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	2.00000	14.00000	22.00000	-0.76385	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	4.00000	14.00000	22.00000	-0.80772	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	6.00000	14.00000	22.00000	-0.85461	21.667	0.0	0.0	0.0
5	Beaumont Court_1	45.00000	0.00000	20.00000	-1.97696	19.114	0.0	0.0	0.0
5	Beaumont Court_1	43.00000	0.11111	20.00000	-1.91465	19.114	0.0	0.0	0.0
5	Beaumont Court_1	41.00000	0.22222	20.00000	-1.84838	19.114	0.0	0.0	0.0
5	Beaumont Court_1	39.00000	0.33333	20.00000	-1.77909	19.114	0.0	0.0	0.0
5	Beaumont Court_1	37.00000	0.44444	20.00000	-1.70777	19.114	0.0	0.0	0.0
5	Beaumont Court_1	35.00000	0.55556	20.00000	-1.63535	19.114	0.0	0.0	0.0
5	Beaumont Court_1	33.00000	0.66667	20.00000	-1.56270	19.114	0.0	0.0	0.0
5	Beaumont Court_1	31.00000	0.77778	20.00000	-1.49058	19.114	0.0	0.0	0.0
5	Beaumont Court_1	29.00000	0.88889	20.00000	-1.41963	19.114	0.0	0.0	0.0
5	Beaumont Court_1	27.00000	1.00000	20.00000	-1.35037	19.114	0.0	0.0	0.0
6	Beaumont Court_2	27.00000	1.00000	20.00000	-1.35037	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.83333	-0.83333	20.00000	-1.31073	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.66667	-2.66667	20.00000	-1.27082	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.50000	-4.50000	20.00000	-1.23085	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.33333	-6.33333	20.00000	-1.19103	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.16667	-8.16667	20.00000	-1.15154	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.00000	-10.00000	20.00000	-1.11255	19.114	0.0	0.0	0.0
7	Beaumont Court_3	26.00000	-10.00000	20.00000	-1.11255	19.114	0.0	0.0	0.0



Ugly Brown Building
Undrained
Plot B & C - Proposed

RSK ENVIRONMENT
LIMITED

Job No. Sheet No. Rev.

371459

Drg. Ref.

Made by
MK

Date

Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
7	Baumont Court_3	27.75000	-10.00000	20.00000	-1.16090	19.114	0.0	0.0	0.0
7	Baumont Court_3	29.50000	-10.00000	20.00000	-1.21090	19.114	0.0	0.0	0.0
7	Baumont Court_3	31.25000	-10.00000	20.00000	-1.26248	19.114	0.0	0.0	0.0
7	Baumont Court_3	33.00000	-10.00000	20.00000	-1.31556	19.114	0.0	0.0	0.0
8	Baumont Court_4	33.00000	-10.00000	20.00000	-1.31556	19.114	0.0	0.0	0.0
8	Baumont Court_4	32.84375	-11.96875	20.00000	-1.26435	19.114	0.0	0.0	0.0
8	Baumont Court_4	32.68750	-13.93750	20.00000	-1.21409	19.114	0.0	0.0	0.0
8	Baumont Court_4	32.53125	-15.90625	20.00000	-1.16502	19.114	0.0	0.0	0.0
8	Baumont Court_4	32.37500	-17.87500	20.00000	-1.11730	19.114	0.0	0.0	0.0
8	Baumont Court_4	32.21875	-19.84375	20.00000	-1.07107	19.114	0.0	0.0	0.0
8	Baumont Court_4	32.06250	-21.81250	20.00000	-1.02641	19.114	0.0	0.0	0.0
8	Baumont Court_4	31.90625	-23.78125	20.00000	-0.98339	19.114	0.0	0.0	0.0
8	Baumont Court_4	31.75000	-25.75000	20.00000	-0.94203	19.114	0.0	0.0	0.0
8	Baumont Court_4	31.59375	-27.71875	20.00000	-0.90235	19.114	0.0	0.0	0.0
8	Baumont Court_4	31.43750	-29.68750	20.00000	-0.86434	19.114	0.0	0.0	0.0
8	Baumont Court_4	31.28125	-31.65625	20.00000	-0.82796	19.114	0.0	0.0	0.0
8	Baumont Court_4	31.12500	-33.62500	20.00000	-0.79320	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.96875	-35.59375	20.00000	-0.76001	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.81250	-37.56250	20.00000	-0.72834	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.65625	-39.53125	20.00000	-0.69813	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.50000	-41.50000	20.00000	-0.66933	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.34375	-43.46875	20.00000	-0.64189	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.18750	-45.43750	20.00000	-0.61575	19.114	0.0	0.0	0.0
8	Baumont Court_4	30.03125	-47.40625	20.00000	-0.59085	19.114	0.0	0.0	0.0
8	Baumont Court_4	29.87500	-49.37500	20.00000	-0.56712	19.114	0.0	0.0	0.0
8	Baumont Court_4	29.71875	-51.34375	20.00000	-0.54453	19.114	0.0	0.0	0.0
8	Baumont Court_4	29.56250	-53.31250	20.00000	-0.52300	19.114	0.0	0.0	0.0
8	Baumont Court_4	29.40625	-55.28125	20.00000	-0.50249	19.114	0.0	0.0	0.0
8	Baumont Court_4	29.25000	-57.25000	20.00000	-0.48295	19.114	0.0	0.0	0.0
8	Baumont Court_4	29.09375	-59.21875	20.00000	-0.46433	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.93750	-61.18750	20.00000	-0.44658	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.78125	-63.15625	20.00000	-0.42965	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.62500	-65.12500	20.00000	-0.41351	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.46875	-67.09375	20.00000	-0.39812	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.31250	-69.06250	20.00000	-0.38343	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.15625	-71.03125	20.00000	-0.36940	19.114	0.0	0.0	0.0
8	Baumont Court_4	28.00000	-73.00000	20.00000	-0.35601	19.114	0.0	0.0	0.0
9	Baumont Court_5	28.00000	-73.00000	20.00000	-0.35601	19.114	0.0	0.0	0.0
9	Baumont Court_5	30.00000	-73.16667	20.00000	-0.36359	19.114	0.0	0.0	0.0
9	Baumont Court_5	32.00000	-73.33333	20.00000	-0.37119	19.114	0.0	0.0	0.0
9	Baumont Court_5	34.00000	-73.50000	20.00000	-0.37881	19.114	0.0	0.0	0.0
9	Baumont Court_5	36.00000	-73.66667	20.00000	-0.38644	19.114	0.0	0.0	0.0
9	Baumont Court_5	38.00000	-73.83333	20.00000	-0.39406	19.114	0.0	0.0	0.0
9	Baumont Court_5	40.00000	-74.00000	20.00000	-0.40167	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.00000	-74.00000	20.00000	-0.40167	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.13514	-72.00000	20.00000	-0.41800	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.27027	-70.00000	20.00000	-0.43518	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.40541	-68.00000	20.00000	-0.45326	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.54054	-66.00000	20.00000	-0.47229	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.67568	-64.00000	20.00000	-0.49233	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.81081	-62.00000	20.00000	-0.51345	19.114	0.0	0.0	0.0
10	Baumont Court_6	40.94595	-60.00000	20.00000	-0.53572	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.08108	-58.00000	20.00000	-0.55919	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.21622	-56.00000	20.00000	-0.58395	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.35135	-54.00000	20.00000	-0.61008	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.48649	-52.00000	20.00000	-0.63766	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.62162	-50.00000	20.00000	-0.66678	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.75676	-48.00000	20.00000	-0.69753	19.114	0.0	0.0	0.0
10	Baumont Court_6	41.89189	-46.00000	20.00000	-0.73000	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.02703	-44.00000	20.00000	-0.76429	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.16216	-42.00000	20.00000	-0.80050	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.29730	-40.00000	20.00000	-0.83874	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.43243	-38.00000	20.00000	-0.87910	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.56757	-36.00000	20.00000	-0.92168	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.70270	-34.00000	20.00000	-0.96658	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.83784	-32.00000	20.00000	-1.01388	19.114	0.0	0.0	0.0
10	Baumont Court_6	42.97297	-30.00000	20.00000	-1.06365	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.10811	-28.00000	20.00000	-1.11594	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.24324	-26.00000	20.00000	-1.17078	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.37838	-24.00000	20.00000	-1.22817	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.51351	-22.00000	20.00000	-1.28800	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.64865	-20.00000	20.00000	-1.35028	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.78378	-18.00000	20.00000	-1.41468	19.114	0.0	0.0	0.0
10	Baumont Court_6	43.91892	-16.00000	20.00000	-1.48093	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.05405	-14.00000	20.00000	-1.54861	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.18919	-12.00000	20.00000	-1.61710	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.32432	-10.00000	20.00000	-1.68557	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.45946	-8.00000	20.00000	-1.75296	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.59459	-6.00000	20.00000	-1.81784	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.72973	-4.00000	20.00000	-1.87842	19.114	0.0	0.0	0.0
10	Baumont Court_6	44.86486	-2.00000	20.00000	-1.93241	19.114	0.0	0.0	0.0
10	Baumont Court_6	45.00000	0.00000	20.00000	-1.97696	19.114	0.0	0.0	0.0
11	TP No.1.1	96.00000	-16.00000	20.00000	-2.65889	19.114	0.0	0.0	0.0
11	TP No.1.1	94.33333	-15.16667	20.00000	-2.64824	19.114	0.0	0.0	0.0
11	TP No.1.1	92.66667	-14.33333	20.00000	-2.63430	19.114	0.0	0.0	0.0
11	TP No.1.1	91.00000	-13.50000	20.00000	-2.61810	19.114	0.0	0.0	0.0
11	TP No.1.1	89.33333	-12.66667	20.00000	-2.60077	19.114	0.0	0.0	0.0
11	TP No.1.1	87.66667	-11.83333	20.00000	-2.58336	19.114	0.0	0.0	0.0
11	TP No.1.1	86.00000	-11.00000	20.00000	-2.56661	19.114	0.0	0.0	0.0
12	TP No.1.2	86.00000	-11.00000	20.00000	-2.56661	19.114	0.0	0.0	0.0
12	TP No.1.2	85.16667	-12.66667	20.00000	-2.56329	19.114	0.0	0.0	0.0
12	TP No.1.2	84.33333	-14.33333	20.00000	-2.52455	19.114	0.0	0.0	0.0
12	TP No.1.2	83.50000	-16.00000	20.00000	-2.46193	19.114	0.0	0.0	0.0
12	TP No.1.2	82.66667	-17.66667	20.00000	-2.38358	19.114	0.0	0.0	0.0
12	TP No.1.2	81.83333	-19.33333	20.00000	-2.28523	19.114	0.0	0.0	0.0
12	TP No.1.2	81.00000	-21.00000	20.00000	-2.20146	19.114	0.0	0.0	0.0
13	TP No.1.3	81.00000	-21.00000	20.00000	-2.20146	19.114	0.0	0.0	0.0
13	TP No.1.3	79.14286	-20.14286	20.00000	-2.20969	19.114	0.0	0.0	0.0
13	TP No.1.3	77.28571	-19.28571	20.00000	-2.21615	19.114	0.0	0.0	0.0
13	TP No.1.3	75.42857	-18.42857	20.00000	-2.22057	19.114	0.0	0.0	0.0
13	TP No.1.3	73.57143	-17.57143	20.00000	-2.22265	19.114	0.0</		



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

#	Name	x	y	z	δz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
17	TP No.1.7	104.12500	-33.12500	20.00000	-1.93064	19.114	0.0	0.0	0.0
17	TP No.1.7	102.25000	-32.25000	20.00000	-1.95143	19.114	0.0	0.0	0.0
17	TP No.1.7	100.37500	-31.37500	20.00000	-1.97170	19.114	0.0	0.0	0.0
17	TP No.1.7	98.50000	-30.50000	20.00000	-1.99140	19.114	0.0	0.0	0.0
17	TP No.1.7	96.62500	-29.62500	20.00000	-2.01049	19.114	0.0	0.0	0.0
17	TP No.1.7	94.75000	-28.75000	20.00000	-2.02889	19.114	0.0	0.0	0.0
17	TP No.1.7	92.87500	-27.87500	20.00000	-2.04655	19.114	0.0	0.0	0.0
17	TP No.1.7	91.00000	-27.00000	20.00000	-2.06340	19.114	0.0	0.0	0.0
18	TP No.1.8	91.00000	-27.00000	20.00000	-2.06340	19.114	0.0	0.0	0.0
18	TP No.1.8	91.83333	-25.16667	20.00000	-2.17068	19.114	0.0	0.0	0.0
18	TP No.1.8	92.66667	-23.33333	20.00000	-2.27846	19.114	0.0	0.0	0.0
18	TP No.1.8	93.50000	-21.50000	20.00000	-2.38465	19.114	0.0	0.0	0.0
18	TP No.1.8	94.33333	-19.66667	20.00000	-2.48635	19.114	0.0	0.0	0.0
18	TP No.1.8	95.16667	-17.83333	20.00000	-2.57956	19.114	0.0	0.0	0.0
18	TP No.1.8	96.00000	-16.00000	20.00000	-2.65889	19.114	0.0	0.0	0.0
19	TP No.2.1	148.00000	-41.00000	20.00000	-1.75705	19.114	0.0	0.0	0.0
19	TP No.2.1	146.20000	-40.15000	20.00000	-1.80152	19.114	0.0	0.0	0.0
19	TP No.2.1	144.40000	-39.30000	20.00000	-1.84619	19.114	0.0	0.0	0.0
19	TP No.2.1	142.60000	-38.45000	20.00000	-1.89102	19.114	0.0	0.0	0.0
19	TP No.2.1	140.80000	-37.60000	20.00000	-1.93596	19.114	0.0	0.0	0.0
19	TP No.2.1	139.00000	-36.75000	20.00000	-1.98093	19.114	0.0	0.0	0.0
19	TP No.2.1	137.20000	-35.90000	20.00000	-2.02591	19.114	0.0	0.0	0.0
19	TP No.2.1	135.40000	-35.05000	20.00000	-2.07081	19.114	0.0	0.0	0.0
19	TP No.2.1	133.60000	-34.20000	20.00000	-2.11554	19.114	0.0	0.0	0.0
19	TP No.2.1	131.80000	-33.35000	20.00000	-2.15996	19.114	0.0	0.0	0.0
19	TP No.2.1	130.00000	-32.50000	20.00000	-2.20383	19.114	0.0	0.0	0.0
19	TP No.2.1	128.20000	-31.65000	20.00000	-2.24686	19.114	0.0	0.0	0.0
19	TP No.2.1	126.40000	-30.80000	20.00000	-2.28873	19.114	0.0	0.0	0.0
19	TP No.2.1	124.60000	-29.95000	20.00000	-2.32910	19.114	0.0	0.0	0.0
19	TP No.2.1	122.80000	-29.10000	20.00000	-2.36771	19.114	0.0	0.0	0.0
19	TP No.2.1	121.00000	-28.25000	20.00000	-2.40435	19.114	0.0	0.0	0.0
19	TP No.2.1	119.20000	-27.40000	20.00000	-2.43890	19.114	0.0	0.0	0.0
19	TP No.2.1	117.40000	-26.55000	20.00000	-2.47131	19.114	0.0	0.0	0.0
19	TP No.2.1	115.60000	-25.70000	20.00000	-2.50158	19.114	0.0	0.0	0.0
19	TP No.2.1	113.80000	-24.85000	20.00000	-2.52968	19.114	0.0	0.0	0.0
19	TP No.2.1	112.00000	-24.00000	20.00000	-2.55555	19.114	0.0	0.0	0.0
20	TP No.2.2	112.00000	-24.00000	20.00000	-2.55555	19.114	0.0	0.0	0.0
20	TP No.2.2	111.00000	-25.80000	20.00000	-2.43452	19.114	0.0	0.0	0.0
20	TP No.2.2	110.00000	-27.60000	20.00000	-2.31451	19.114	0.0	0.0	0.0
20	TP No.2.2	109.00000	-29.40000	20.00000	-2.19708	19.114	0.0	0.0	0.0
20	TP No.2.2	108.00000	-31.20000	20.00000	-2.08326	19.114	0.0	0.0	0.0
20	TP No.2.2	107.00000	-33.00000	20.00000	-1.97372	19.114	0.0	0.0	0.0
21	TP No.2.3	107.00000	-33.00000	20.00000	-1.97372	19.114	0.0	0.0	0.0
21	TP No.2.3	108.80000	-33.85000	20.00000	-1.95167	19.114	0.0	0.0	0.0
21	TP No.2.3	110.60000	-34.70000	20.00000	-1.92912	19.114	0.0	0.0	0.0
21	TP No.2.3	112.40000	-35.55000	20.00000	-1.90605	19.114	0.0	0.0	0.0
21	TP No.2.3	114.20000	-36.40000	20.00000	-1.88245	19.114	0.0	0.0	0.0
21	TP No.2.3	116.00000	-37.25000	20.00000	-1.85828	19.114	0.0	0.0	0.0
21	TP No.2.3	117.80000	-38.10000	20.00000	-1.83352	19.114	0.0	0.0	0.0
21	TP No.2.3	119.60000	-38.95000	20.00000	-1.80881	19.114	0.0	0.0	0.0
21	TP No.2.3	121.40000	-39.80000	20.00000	-1.78210	19.114	0.0	0.0	0.0
21	TP No.2.3	123.20000	-40.65000	20.00000	-1.75539	19.114	0.0	0.0	0.0
21	TP No.2.3	125.00000	-41.50000	20.00000	-1.72799	19.114	0.0	0.0	0.0
21	TP No.2.3	126.80000	-42.35000	20.00000	-1.69990	19.114	0.0	0.0	0.0
21	TP No.2.3	128.60000	-43.20000	20.00000	-1.67110	19.114	0.0	0.0	0.0
21	TP No.2.3	130.40000	-44.05000	20.00000	-1.64160	19.114	0.0	0.0	0.0
21	TP No.2.3	132.20000	-44.90000	20.00000	-1.61139	19.114	0.0	0.0	0.0
21	TP No.2.3	134.00000	-45.75000	20.00000	-1.58048	19.114	0.0	0.0	0.0
21	TP No.2.3	135.80000	-46.60000	20.00000	-1.54888	19.114	0.0	0.0	0.0
21	TP No.2.3	137.60000	-47.45000	20.00000	-1.51660	19.114	0.0	0.0	0.0
21	TP No.2.3	139.40000	-48.30000	20.00000	-1.48366	19.114	0.0	0.0	0.0
21	TP No.2.3	141.20000	-49.15000	20.00000	-1.45009	19.114	0.0	0.0	0.0
21	TP No.2.3	143.00000	-50.00000	20.00000	-1.41592	19.114	0.0	0.0	0.0
22	TP No.2.4	143.00000	-50.00000	20.00000	-1.41592	19.114	0.0	0.0	0.0
22	TP No.2.4	144.00000	-48.20000	20.00000	-1.48797	19.114	0.0	0.0	0.0
22	TP No.2.4	145.00000	-46.40000	20.00000	-1.56049	19.114	0.0	0.0	0.0
22	TP No.2.4	146.00000	-44.60000	20.00000	-1.63162	19.114	0.0	0.0	0.0
22	TP No.2.4	147.00000	-42.80000	20.00000	-1.69855	19.114	0.0	0.0	0.0
22	TP No.2.4	148.00000	-41.00000	20.00000	-1.75705	19.114	0.0	0.0	0.0
23	TP No.3.1	200.00000	-55.00000	20.00000	-0.71373	19.114	0.0	0.0	0.0
23	TP No.3.1	198.16000	-54.12000	20.00000	-0.75206	19.114	0.0	0.0	0.0
23	TP No.3.1	196.32000	-53.24000	20.00000	-0.79265	19.114	0.0	0.0	0.0
23	TP No.3.1	194.48000	-52.36000	20.00000	-0.83557	19.114	0.0	0.0	0.0
23	TP No.3.1	192.64000	-51.48000	20.00000	-0.88085	19.114	0.0	0.0	0.0
23	TP No.3.1	190.80000	-50.60000	20.00000	-0.92847	19.114	0.0	0.0	0.0
23	TP No.3.1	188.96000	-49.72000	20.00000	-0.97837	19.114	0.0	0.0	0.0
23	TP No.3.1	187.12000	-48.84000	20.00000	-1.03042	19.114	0.0	0.0	0.0
23	TP No.3.1	185.28000	-47.96000	20.00000	-1.08438	19.114	0.0	0.0	0.0
23	TP No.3.1	183.44000	-47.08000	20.00000	-1.13993	19.114	0.0	0.0	0.0
23	TP No.3.1	181.60000	-46.20000	20.00000	-1.19650	19.114	0.0	0.0	0.0
23	TP No.3.1	179.76000	-45.32000	20.00000	-1.25361	19.114	0.0	0.0	0.0
23	TP No.3.1	177.92000	-44.44000	20.00000	-1.31021	19.114	0.0	0.0	0.0
23	TP No.3.1	176.08000	-43.56000	20.00000	-1.36527	19.114	0.0	0.0	0.0
23	TP No.3.1	174.24000	-42.68000	20.00000	-1.41746	19.114	0.0	0.0	0.0
23	TP No.3.1	172.40000	-41.80000	20.00000	-1.46525	19.114	0.0	0.0	0.0
23	TP No.3.1	170.56000	-40.92000	20.00000	-1.50698	19.114	0.0	0.0	0.0
23	TP No.3.1	168.72000	-40.04000	20.00000	-1.54097	19.114	0.0	0.0	0.0
23	TP No.3.1	166.88000	-39.16000	20.00000	-1.56580	19.114	0.0	0.0	0.0
23	TP No.3.1	165.04000	-38.28000	20.00000	-1.58068	19.114	0.0	0.0	0.0
23	TP No.3.1	163.20000	-37.40000	20.00000	-1.58591	19.114	0.0	0.0	0.0
23	TP No.3.1	161.36000	-36.52000	20.00000	-1.58339	19.114	0.0	0.0	0.0
23	TP No.3.1	159.52000	-35.64000	20.00000	-1.57683	19.114	0.0	0.0	0.0
23	TP No.3.1	157.68000	-34.76000	20.00000	-1.57130	19.114	0.0	0.0	0.0
23	TP No.3.1	155.84000	-33.88000	20.00000	-1.57201	19.114	0.0	0.0	0.0
23	TP No.3.1	154.00000	-33.00000	20.00000	-1.58292	19.114	0.0	0.0	0.0
24	TP No.3.2	154.00000	-33.00000	20.00000	-1.58292	19.114	0.0	0.0	0.0
24	TP No.3.2	153.14286	-34.71429	20.00000	-1.71632	19.114	0.0	0.0	0.0
24	TP No.3.2	152.28571	-36.42857	20.00000	-1.77505				



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
27	Hospital No.1.1	189.00000	-29.00000	19.00000	-1.50586	17.952	0.0	0.0	0.0
27	Hospital No.1.1	189.00000	-31.00000	19.00000	-1.46200	17.952	0.0	0.0	0.0
28	Hospital No.1.2	189.00000	-31.00000	19.00000	-1.46200	17.952	0.0	0.0	0.0
28	Hospital No.1.2	190.94737	-31.00000	19.00000	-1.41964	17.952	0.0	0.0	0.0
28	Hospital No.1.2	192.89474	-31.00000	19.00000	-1.37279	17.952	0.0	0.0	0.0
28	Hospital No.1.2	194.84211	-31.00000	19.00000	-1.32303	17.952	0.0	0.0	0.0
28	Hospital No.1.2	196.78947	-31.00000	19.00000	-1.27163	17.952	0.0	0.0	0.0
28	Hospital No.1.2	198.73684	-31.00000	19.00000	-1.21961	17.952	0.0	0.0	0.0
28	Hospital No.1.2	200.68421	-31.00000	19.00000	-1.16774	17.952	0.0	0.0	0.0
28	Hospital No.1.2	202.63158	-31.00000	19.00000	-1.11662	17.952	0.0	0.0	0.0
28	Hospital No.1.2	204.57895	-31.00000	19.00000	-1.06666	17.952	0.0	0.0	0.0
28	Hospital No.1.2	206.52632	-31.00000	19.00000	-1.01819	17.952	0.0	0.0	0.0
28	Hospital No.1.2	208.47368	-31.00000	19.00000	-0.97142	17.952	0.0	0.0	0.0
28	Hospital No.1.2	210.42105	-31.00000	19.00000	-0.92649	17.952	0.0	0.0	0.0
28	Hospital No.1.2	212.36842	-31.00000	19.00000	-0.88347	17.952	0.0	0.0	0.0
28	Hospital No.1.2	214.31579	-31.00000	19.00000	-0.84244	17.952	0.0	0.0	0.0
28	Hospital No.1.2	216.26316	-31.00000	19.00000	-0.80327	17.952	0.0	0.0	0.0
28	Hospital No.1.2	218.21053	-31.00000	19.00000	-0.76606	17.952	0.0	0.0	0.0
28	Hospital No.1.2	220.15789	-31.00000	19.00000	-0.73072	17.952	0.0	0.0	0.0
28	Hospital No.1.2	222.10526	-31.00000	19.00000	-0.69719	17.952	0.0	0.0	0.0
28	Hospital No.1.2	224.05263	-31.00000	19.00000	-0.66541	17.952	0.0	0.0	0.0
28	Hospital No.1.2	226.00000	-31.00000	19.00000	-0.63529	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-31.00000	19.00000	-0.63529	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-29.00000	19.00000	-0.65269	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-27.00000	19.00000	-0.67009	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-25.00000	19.00000	-0.68744	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-23.00000	19.00000	-0.70469	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-21.00000	19.00000	-0.72179	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-19.00000	19.00000	-0.73868	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-17.00000	19.00000	-0.75531	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-15.00000	19.00000	-0.77162	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-13.00000	19.00000	-0.78756	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-11.00000	19.00000	-0.80307	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-9.00000	19.00000	-0.81812	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-7.00000	19.00000	-0.83187	17.952	0.0	0.0	0.0
30	Hospital No.1.4	224.00000	-9.00000	19.00000	-0.86402	17.952	0.0	0.0	0.0
30	Hospital No.1.4	222.00000	-9.00000	19.00000	-0.91296	17.952	0.0	0.0	0.0
30	Hospital No.1.4	220.00000	-9.00000	19.00000	-0.96508	17.952	0.0	0.0	0.0
30	Hospital No.1.4	218.00000	-9.00000	19.00000	-1.02052	17.952	0.0	0.0	0.0
30	Hospital No.1.4	216.00000	-9.00000	19.00000	-1.07935	17.952	0.0	0.0	0.0
30	Hospital No.1.4	214.00000	-9.00000	19.00000	-1.14163	17.952	0.0	0.0	0.0
30	Hospital No.1.4	212.00000	-9.00000	19.00000	-1.20730	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-9.00000	19.00000	-1.20730	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-11.00000	19.00000	-1.18107	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-13.00000	19.00000	-1.15405	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-15.00000	19.00000	-1.12632	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-17.00000	19.00000	-1.09799	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-19.00000	19.00000	-1.06916	17.952	0.0	0.0	0.0
32	Hospital No.1.6	212.00000	-19.00000	19.00000	-1.06916	17.952	0.0	0.0	0.0
32	Hospital No.1.6	210.08333	-19.00000	19.00000	-1.12489	17.952	0.0	0.0	0.0
32	Hospital No.1.6	208.16667	-19.00000	19.00000	-1.18294	17.952	0.0	0.0	0.0
32	Hospital No.1.6	206.25000	-19.00000	19.00000	-1.24303	17.952	0.0	0.0	0.0
32	Hospital No.1.6	204.33333	-19.00000	19.00000	-1.30466	17.952	0.0	0.0	0.0
32	Hospital No.1.6	202.41667	-19.00000	19.00000	-1.36710	17.952	0.0	0.0	0.0
32	Hospital No.1.6	200.50000	-19.00000	19.00000	-1.42922	17.952	0.0	0.0	0.0
32	Hospital No.1.6	198.58333	-19.00000	19.00000	-1.48953	17.952	0.0	0.0	0.0
32	Hospital No.1.6	196.66667	-19.00000	19.00000	-1.54569	17.952	0.0	0.0	0.0
32	Hospital No.1.6	194.75000	-19.00000	19.00000	-1.59451	17.952	0.0	0.0	0.0
32	Hospital No.1.6	192.83333	-19.00000	19.00000	-1.63143	17.952	0.0	0.0	0.0
32	Hospital No.1.6	190.91667	-19.00000	19.00000	-1.64993	17.952	0.0	0.0	0.0
32	Hospital No.1.6	189.00000	-19.00000	19.00000	-1.64067	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	37.00000	19.00000	-2.55289	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	35.00000	19.00000	-2.51058	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	33.00000	19.00000	-2.46578	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	31.00000	19.00000	-2.42167	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	29.00000	19.00000	-2.38033	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	27.00000	19.00000	-2.34252	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	25.00000	19.00000	-2.30795	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	23.00000	19.00000	-2.27577	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	21.00000	19.00000	-2.24497	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	19.00000	19.00000	-2.21422	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	17.00000	19.00000	-2.18296	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	15.00000	19.00000	-2.15044	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	13.00000	19.00000	-2.11632	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	11.00000	19.00000	-2.08055	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	9.00000	19.00000	-2.04311	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	7.00000	19.00000	-2.00442	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	5.00000	19.00000	-1.96480	17.952	0.0	0.0	0.0
34	Hospital No.2.2	189.00000	5.00000	19.00000	-1.96480	17.952	0.0	0.0	0.0
34	Hospital No.2.2	191.00000	5.00000	19.00000	-2.05403	17.952	0.0	0.0	0.0
34	Hospital No.2.2	193.00000	5.00000	19.00000	-2.07271	17.952	0.0	0.0	0.0
34	Hospital No.2.2	195.00000	5.00000	19.00000	-2.04625	17.952	0.0	0.0	0.0
34	Hospital No.2.2	197.00000	5.00000	19.00000	-1.99121	17.952	0.0	0.0	0.0
34	Hospital No.2.2	199.00000	5.00000	19.00000	-1.91867	17.952	0.0	0.0	0.0
34	Hospital No.2.2	201.00000	5.00000	19.00000	-1.83607	17.952	0.0	0.0	0.0
34	Hospital No.2.2	203.00000	5.00000	19.00000	-1.74848	17.952	0.0	0.0	0.0
34	Hospital No.2.2	205.00000	5.00000	19.00000	-1.65930	17.952	0.0	0.0	0.0
34	Hospital No.2.2	207.00000	5.00000	19.00000	-1.57084	17.952	0.0	0.0	0.0
34	Hospital No.2.2	209.00000	5.00000	19.00000	-1.48460	17.952	0.0	0.0	0.0
34	Hospital No.2.2	211.00000	5.00000	19.00000	-1.40155	17.952	0.0	0.0	0.0
34	Hospital No.2.2	213.00000	5.00000	19.00000	-1.32225	17.952	0.0	0.0	0.0
34	Hospital No.2.2	215.00000	5.00000	19.00000	-1.24702	17.952	0.0	0.0	0.0
34	Hospital No.2.2	217.00000	5.00000	19.00000	-1.17598	17.952	0.0	0.0	0.0
34	Hospital No.2.2	219.00000	5.00000	19.00000	-1.10913	17.952	0.0	0.0	0.0
34	Hospital No.2.2	221.00000	5.00000	19.00000	-1.04637	17.952	0.0	0.0	0.0
34	Hospital No.2.2	223.00000	5.00000	19.00000	-0.98756	17.952	0.0	0.0	0.0
34	Hospital No.2.2	225.00000	5.00000	19.00000	-0.93252	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	5.00000	19.00000	-0.93252	17.952	0.0	0.0	



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
37	Hospital No.3_1	189.00000	61.50000	19.00000	-2.30339	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	59.56250	19.00000	-2.36297	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	57.62500	19.00000	-2.42167	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	55.68750	19.00000	-2.47697	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	53.75000	19.00000	-2.52649	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	51.81250	19.00000	-2.56831	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	49.87500	19.00000	-2.60105	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	47.93750	19.00000	-2.62377	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	46.00000	19.00000	-2.63589	17.952	0.0	0.0	0.0
38	Hospital No.3_2	189.00000	46.00000	19.00000	-2.63589	17.952	0.0	0.0	0.0
38	Hospital No.3_2	190.80000	46.75000	19.00000	-2.55463	17.952	0.0	0.0	0.0
38	Hospital No.3_2	192.60000	46.00000	19.00000	-2.46053	17.952	0.0	0.0	0.0
38	Hospital No.3_2	194.40000	46.00000	19.00000	-2.35878	17.952	0.0	0.0	0.0
38	Hospital No.3_2	196.20000	46.00000	19.00000	-2.25319	17.952	0.0	0.0	0.0
38	Hospital No.3_2	198.00000	46.00750	19.00000	-2.14651	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	46.00000	19.00000	-2.14651	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	47.80000	19.00000	-2.13052	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	49.60000	19.00000	-2.11172	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	51.40000	19.00000	-2.09021	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	53.20000	19.00000	-2.06612	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	55.00000	19.00000	-2.03963	17.952	0.0	0.0	0.0
40	Hospital No.3_4	198.00000	55.00000	19.00000	-2.03963	17.952	0.0	0.0	0.0
40	Hospital No.3_4	200.00000	55.00000	19.00000	-1.92853	17.952	0.0	0.0	0.0
40	Hospital No.3_4	202.00000	55.00000	19.00000	-1.82024	17.952	0.0	0.0	0.0
40	Hospital No.3_4	204.00000	55.00000	19.00000	-1.71598	17.952	0.0	0.0	0.0
40	Hospital No.3_4	206.00000	55.00000	19.00000	-1.61655	17.952	0.0	0.0	0.0
40	Hospital No.3_4	208.00000	55.00000	19.00000	-1.52218	17.952	0.0	0.0	0.0
40	Hospital No.3_4	210.00000	55.00000	19.00000	-1.43318	17.952	0.0	0.0	0.0
40	Hospital No.3_4	212.00000	55.00000	19.00000	-1.34949	17.952	0.0	0.0	0.0
40	Hospital No.3_4	214.00000	55.00000	19.00000	-1.27098	17.952	0.0	0.0	0.0
40	Hospital No.3_4	216.00000	55.00000	19.00000	-1.19749	17.952	0.0	0.0	0.0
40	Hospital No.3_4	218.00000	55.00000	19.00000	-1.12878	17.952	0.0	0.0	0.0
40	Hospital No.3_4	220.00000	55.00000	19.00000	-1.06458	17.952	0.0	0.0	0.0
40	Hospital No.3_4	222.00000	55.00000	19.00000	-1.00463	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	55.00000	19.00000	-1.00463	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	53.20000	19.00000	-1.01502	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	51.40000	19.00000	-1.02478	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	49.60000	19.00000	-1.03388	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	47.80000	19.00000	-1.04231	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	46.00000	19.00000	-1.05005	17.952	0.0	0.0	0.0
42	Hospital No.3_6	222.00000	46.00000	19.00000	-1.05005	17.952	0.0	0.0	0.0
42	Hospital No.3_6	224.00000	46.00000	19.00000	-0.99067	17.952	0.0	0.0	0.0
42	Hospital No.3_6	226.00000	46.00000	19.00000	-0.93525	17.952	0.0	0.0	0.0
42	Hospital No.3_6	228.00000	46.00000	19.00000	-0.88354	17.952	0.0	0.0	0.0
42	Hospital No.3_6	230.00000	46.00000	19.00000	-0.83529	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	46.00000	19.00000	-0.83529	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	47.93750	19.00000	-0.82918	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	49.87500	19.00000	-0.82249	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	51.81250	19.00000	-0.81523	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	53.75000	19.00000	-0.80743	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	55.68750	19.00000	-0.79910	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	57.62500	19.00000	-0.79025	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	59.56250	19.00000	-0.78091	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	61.50000	19.00000	-0.77109	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	63.43750	19.00000	-0.76083	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	65.37500	19.00000	-0.75014	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	67.31250	19.00000	-0.73905	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	69.25000	19.00000	-0.72758	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	71.18750	19.00000	-0.71576	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	73.12500	19.00000	-0.70361	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	75.06250	19.00000	-0.69118	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	77.00000	19.00000	-0.67848	17.952	0.0	0.0	0.0
44	Hospital No.3_8	230.00000	77.00000	19.00000	-0.67848	17.952	0.0	0.0	0.0
44	Hospital No.3_8	228.04762	77.00000	19.00000	-0.71311	17.952	0.0	0.0	0.0
44	Hospital No.3_8	226.09524	77.00000	19.00000	-0.74996	17.952	0.0	0.0	0.0
44	Hospital No.3_8	224.14286	77.00000	19.00000	-0.78918	17.952	0.0	0.0	0.0
44	Hospital No.3_8	222.19048	77.00000	19.00000	-0.83093	17.952	0.0	0.0	0.0
44	Hospital No.3_8	220.23810	77.00000	19.00000	-0.87537	17.952	0.0	0.0	0.0
44	Hospital No.3_8	218.28571	77.00000	19.00000	-0.92266	17.952	0.0	0.0	0.0
44	Hospital No.3_8	216.33333	77.00000	19.00000	-0.97296	17.952	0.0	0.0	0.0
44	Hospital No.3_8	214.38095	77.00000	19.00000	-1.02641	17.952	0.0	0.0	0.0
44	Hospital No.3_8	212.42857	77.00000	19.00000	-1.08316	17.952	0.0	0.0	0.0
44	Hospital No.3_8	210.47619	77.00000	19.00000	-1.14328	17.952	0.0	0.0	0.0
44	Hospital No.3_8	208.52381	77.00000	19.00000	-1.20682	17.952	0.0	0.0	0.0
44	Hospital No.3_8	206.57143	77.00000	19.00000	-1.27376	17.952	0.0	0.0	0.0
44	Hospital No.3_8	204.61905	77.00000	19.00000	-1.34395	17.952	0.0	0.0	0.0
44	Hospital No.3_8	202.66667	77.00000	19.00000	-1.41707	17.952	0.0	0.0	0.0
44	Hospital No.3_8	200.71429	77.00000	19.00000	-1.49260	17.952	0.0	0.0	0.0
44	Hospital No.3_8	198.76190	77.00000	19.00000	-1.56967	17.952	0.0	0.0	0.0
44	Hospital No.3_8	196.80952	77.00000	19.00000	-1.64698	17.952	0.0	0.0	0.0
44	Hospital No.3_8	194.85714	77.00000	19.00000	-1.72260	17.952	0.0	0.0	0.0
44	Hospital No.3_8	192.90476	77.00000	19.00000	-1.79374	17.952	0.0	0.0	0.0
44	Hospital No.3_8	190.95238	77.00000	19.00000	-1.85640	17.952	0.0	0.0	0.0
44	Hospital No.3_8	189.00000	77.00000	19.00000	-1.90496	17.952	0.0	0.0	0.0
45	Rd_1	-10.00000	12.00000	21.00000	-0.34131	20.750	0.0	0.0	0.0
45	Rd_1	-28.00000	11.95652	21.00000	-0.35680	20.750	0.0	0.0	0.0
45	Rd_1	-26.00000	11.91304	21.00000	-0.37322	20.750	0.0	0.0	0.0
45	Rd_1	-24.00000	11.86957	21.00000	-0.39064	20.750	0.0	0.0	0.0
45	Rd_1	-22.00000	11.82609	21.00000	-0.40915	20.750	0.0	0.0	0.0
45	Rd_1	-20.00000	11.78261	21.00000	-0.42881	20.750	0.0	0.0	0.0
45	Rd_1	-18.00000	11.73913	21.00000	-0.44972	20.750	0.0	0.0	0.0
45	Rd_1	-16.00000	11.69565	21.00000	-0.47196	20.750	0.0	0.0	0.0
45	Rd_1	-14.00000	11.65217	21.00000	-0.49564	20.750	0.0	0.0	0.0
45	Rd_1	-12.00000	11.60870	21.00000	-0.52086	20.750	0.0	0.0	0.0
45	Rd_1	-10.00000	11.56522	21.00000	-0.54775	20.750	0.0	0.0	0.0
45	Rd_1	-8.00000	11.52174	21.00000	-0.57642	20.750	0.0	0.0	0.0
45	Rd_1	-6.00000	11.47826	21.00000	-0.60700	20.750	0.0	0.0	0.0
45	Rd_1	-4.00000	11.43478	21.00000	-0.63965	20.750	0.0	0.0	0.0
45	Rd_1	-2.00000	11.39130	21.00000	-0.67450	20.750	0.0	0.0	0.0
45	Rd_1	0.00000	11.34783	21.00000	-0.71177	20.750	0.0	0.0	0.0
45	Rd_1	2.00000	11.30435	21.00000	-0.75144	20.750	0.0	0.0	0.0
45	Rd_1	4.00000	11.26087	21.00000	-0.79386	20.750	0.0	0.0	0.0
45	Rd_1	6.00000	11.21739	21.00000	-0.83913	20.750	0.0	0.0	0.0
45	Rd_1	8.00000	11.17391	21.00000	-0.88743	20.750	0.0	0.0	0.0
45	Rd_1	10.00000	11.13043	21.00000	-0.93891	20.750	0.0	0.0	0.0
45	Rd_1	12.00000	11.08696	21.00000	-0.99371	20.750	0.0	0.0	0.0
45	Rd_1	14.00000	11.04348	21.00000	-1.05194	20.750	0.0	0.0	0.0
45	Rd_1	16.00000	11.00000	21.00000	-1.11369	20.750	0.0	0.0	0.0
45	Rd_1	18.00000	10.95652	21.00000	-1.17897	20.750	0.0	0.0	0.0
45	Rd_1	20.00000	10.91304	21.00000	-1.24772	20.750	0.0	0.0	0.0
45	Rd_1	22.00000	10.86957	21.0					



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

#	Name	x	y	z	dz	Stress:	Stress:	Stress:	Vert.
		[m]	[m]	[mOD]	[mm]	Calc. Level [mOD]	Vertical [kN/m²]	Sum Princ. [kN/m²]	Strain [µ]
46	Rd_2	80.83333	3.16667	20.16667	0.48771	20.083	0.0	0.0	0.0
46	Rd_2	82.71667	2.48333	20.18333	0.51290	20.092	0.0	0.0	0.0
46	Rd_2	84.60000	1.80000	20.20000	0.54418	20.100	0.0	0.0	0.0
46	Rd_2	86.48333	1.11667	20.21667	0.56931	20.108	0.0	0.0	0.0
46	Rd_2	88.36667	0.43333	20.23333	0.56576	20.117	0.0	0.0	0.0
46	Rd_2	90.25000	-0.25000	20.25000	0.50004	20.125	0.0	0.0	0.0
46	Rd_2	92.13333	-0.93333	20.26667	0.33192	20.133	0.0	0.0	0.0
46	Rd_2	94.01667	-1.61667	20.28333	0.02137	20.142	0.0	0.0	0.0
46	Rd_2	95.90000	-2.30000	20.30000	-0.45080	20.150	0.0	0.0	0.0
46	Rd_2	97.78333	-2.98333	20.31667	-1.03725	20.158	0.0	0.0	0.0
46	Rd_2	99.66667	-3.66667	20.33333	-1.62106	20.167	0.0	0.0	0.0
46	Rd_2	101.55000	-4.35000	20.35000	-2.10899	20.175	0.0	0.0	0.0
46	Rd_2	103.43333	-5.03333	20.36667	-2.47652	20.183	0.0	0.0	0.0
46	Rd_2	105.31667	-5.71667	20.38333	-2.73637	20.192	0.0	0.0	0.0
46	Rd_2	107.20000	-6.40000	20.40000	-2.91017	20.200	0.0	0.0	0.0
46	Rd_2	109.08333	-7.08333	20.41667	-3.01731	20.208	0.0	0.0	0.0
46	Rd_2	110.96667	-7.76667	20.43333	-3.07237	20.217	0.0	0.0	0.0
46	Rd_2	112.85000	-8.45000	20.45000	-3.08573	20.225	0.0	0.0	0.0
46	Rd_2	114.73333	-9.13333	20.46667	-3.06537	20.233	0.0	0.0	0.0
46	Rd_2	116.61667	-9.81667	20.48333	-3.01828	20.242	0.0	0.0	0.0
46	Rd_2	118.50000	-10.50000	20.50000	-2.95152	20.250	0.0	0.0	0.0
46	Rd_2	120.38333	-11.18333	20.51667	-2.87184	20.258	0.0	0.0	0.0
46	Rd_2	122.26667	-11.86667	20.53333	-2.78310	20.267	0.0	0.0	0.0
46	Rd_2	124.15000	-12.55000	20.55000	-2.68300	20.275	0.0	0.0	0.0
46	Rd_2	126.03333	-13.23333	20.56667	-2.56235	20.283	0.0	0.0	0.0
46	Rd_2	127.91667	-13.91667	20.58333	-2.40625	20.292	0.0	0.0	0.0
46	Rd_2	129.80000	-14.60000	20.60000	-2.19246	20.300	0.0	0.0	0.0
46	Rd_2	131.68333	-15.28333	20.61667	-1.88588	20.308	0.0	0.0	0.0
46	Rd_2	133.56667	-15.96667	20.63333	-1.43571	20.317	0.0	0.0	0.0
46	Rd_2	135.45000	-16.65000	20.65000	-0.81186	20.325	0.0	0.0	0.0
46	Rd_2	137.33333	-17.33333	20.66667	-0.15267	20.333	0.0	0.0	0.0
46	Rd_2	139.21667	-18.01667	20.68333	0.37403	20.342	0.0	0.0	0.0
46	Rd_2	141.10000	-18.70000	20.70000	0.77180	20.350	0.0	0.0	0.0
46	Rd_2	142.98333	-19.38333	20.71667	1.08556	20.358	0.0	0.0	0.0
46	Rd_2	144.86667	-20.06667	20.73333	1.35106	20.367	0.0	0.0	0.0
46	Rd_2	146.75000	-20.75000	20.75000	1.59312	20.375	0.0	0.0	0.0
46	Rd_2	148.63333	-21.43333	20.76667	1.83155	20.383	0.0	0.0	0.0
46	Rd_2	150.51667	-22.11667	20.78333	2.07893	20.392	0.0	0.0	0.0
46	Rd_2	152.40000	-22.80000	20.80000	2.34962	20.400	0.0	0.0	0.0
46	Rd_2	154.28333	-23.48333	20.81667	2.64657	20.408	0.0	0.0	0.0
46	Rd_2	156.16667	-24.16667	20.83333	2.92411	20.417	0.0	0.0	0.0
46	Rd_2	158.05000	-24.85000	20.85000	3.05823	20.425	0.0	0.0	0.0
46	Rd_2	159.93333	-25.53333	20.86667	2.90958	20.433	0.0	0.0	0.0
46	Rd_2	161.81667	-26.21667	20.88333	2.41060	20.442	0.0	0.0	0.0
46	Rd_2	163.70000	-26.90000	20.90000	1.46250	20.450	0.0	0.0	0.0
46	Rd_2	165.58333	-27.58333	20.91667	0.46029	20.458	0.0	0.0	0.0
46	Rd_2	167.46667	-28.26667	20.93333	-0.23257	20.467	0.0	0.0	0.0
46	Rd_2	169.35000	-28.95000	20.95000	-0.72053	20.475	0.0	0.0	0.0
46	Rd_2	171.23333	-29.63333	20.96667	-1.05886	20.483	0.0	0.0	0.0
46	Rd_2	173.11667	-30.31667	20.98333	-1.28478	20.492	0.0	0.0	0.0
46	Rd_2	175.00000	-31.00000	21.00000	-1.42580	20.500	0.0	0.0	0.0
47	Rd_1	180.00000	90.00000	21.50000	-1.69962	21.125	0.0	0.0	0.0
47	Rd_1	179.91667	88.00000	21.50000	-1.71676	21.125	0.0	0.0	0.0
47	Rd_1	179.83333	86.00000	21.50000	-1.72103	21.125	0.0	0.0	0.0
47	Rd_1	179.75000	84.00000	21.50000	-1.71138	21.125	0.0	0.0	0.0
47	Rd_1	179.66667	82.00000	21.50000	-1.68667	21.125	0.0	0.0	0.0
47	Rd_1	179.58333	80.00000	21.50000	-1.64533	21.125	0.0	0.0	0.0
47	Rd_1	179.50000	78.00000	21.50000	-1.58523	21.125	0.0	0.0	0.0
47	Rd_1	179.41667	76.00000	21.50000	-1.50383	21.125	0.0	0.0	0.0
47	Rd_1	179.33333	74.00000	21.50000	-1.39972	21.125	0.0	0.0	0.0
47	Rd_1	179.25000	72.00000	21.50000	-1.26888	21.125	0.0	0.0	0.0
47	Rd_1	179.16667	70.00000	21.50000	-1.11736	21.125	0.0	0.0	0.0
47	Rd_1	179.08333	68.00000	21.50000	-0.95605	21.125	0.0	0.0	0.0
47	Rd_1	179.00000	66.00000	21.50000	-0.80975	21.125	0.0	0.0	0.0
47	Rd_1	178.91667	64.00000	21.50000	-0.70821	21.125	0.0	0.0	0.0
47	Rd_1	178.83333	62.00000	21.50000	-0.70592	21.125	0.0	0.0	0.0
47	Rd_1	178.75000	60.00000	21.50000	-1.11306	21.125	0.0	0.0	0.0
47	Rd_1	178.66667	58.00000	21.50000	-1.51881	21.125	0.0	0.0	0.0
47	Rd_1	178.58333	56.00000	21.50000	-1.82488	21.125	0.0	0.0	0.0
47	Rd_1	178.50000	54.00000	21.50000	-2.03966	21.125	0.0	0.0	0.0
47	Rd_1	178.41667	52.00000	21.50000	-2.16081	21.125	0.0	0.0	0.0
47	Rd_1	178.33333	50.00000	21.50000	-2.19094	21.125	0.0	0.0	0.0
47	Rd_1	178.25000	48.00000	21.50000	-2.14047	21.125	0.0	0.0	0.0
47	Rd_1	178.16667	46.00000	21.50000	-2.02703	21.125	0.0	0.0	0.0
47	Rd_1	178.08333	44.00000	21.50000	-1.86359	21.125	0.0	0.0	0.0
47	Rd_1	178.00000	42.00000	21.50000	-1.63653	21.125	0.0	0.0	0.0
47	Rd_1	177.91667	40.00000	21.50000	-1.28611	21.125	0.0	0.0	0.0
47	Rd_1	177.83333	38.00000	21.50000	-0.65266	21.125	0.0	0.0	0.0
47	Rd_1	177.75000	36.00000	21.50000	1.07651	21.125	0.0	0.0	0.0
47	Rd_1	177.66667	34.00000	21.50000	4.03368	21.125	0.0	0.0	0.0
47	Rd_1	177.58333	32.00000	21.50000	5.18299	21.125	0.0	0.0	0.0
47	Rd_1	177.50000	30.00000	21.50000	5.81549	21.125	0.0	0.0	0.0
47	Rd_1	177.41667	28.00000	21.50000	6.24893	21.125	0.0	0.0	0.0
47	Rd_1	177.33333	26.00000	21.50000	6.58375	21.125	0.0	0.0	0.0
47	Rd_1	177.25000	24.00000	21.50000	6.86948	21.125	0.0	0.0	0.0
47	Rd_1	177.16667	22.00000	21.50000	7.12245	21.125	0.0	0.0	0.0
47	Rd_1	177.08333	20.00000	21.50000	7.34942	21.125	0.0	0.0	0.0
47	Rd_1	177.00000	18.00000	21.50000	7.56815	21.125	0.0	0.0	0.0
47	Rd_1	176.91667	16.00000	21.50000	7.79247	21.125	0.0	0.0	0.0
47	Rd_1	176.83333	14.00000	21.50000	8.01868	21.125	0.0	0.0	0.0
47	Rd_1	176.75000	12.00000	21.50000	8.24858	21.125	0.0	0.0	0.0
47	Rd_1	176.66667	10.00000	21.50000	8.49763	21.125	0.0	0.0	0.0
47	Rd_1	176.58333	8.00000	21.50000	8.75523	21.125	0.0	0.0	0.0
47	Rd_1	176.50000	6.00000	21.50000	8.96455	21.125	0.0	0.0	0.0
47	Rd_1	176.41667	4.00000	21.50000	9.07492	21.125	0.0	0.0	0.0
47	Rd_1	176.33333	2.00000	21.50000	9.10427	21.125	0.0	0.0	0.0
47	Rd_1	176.25000	0.00000	21.50000	9.11959	21.125	0.0	0.0	0.0
47	Rd_1	176.16667	-2.00000	21.50000	9.15529	21.125	0.0	0.0	0.0
47	Rd_1	176.08333	-4.00000	21.50000	9.18582	21.125	0.0	0.0	0.0
47	Rd_1	176.00000	-6.00000	21.50000	9.18464	21.125	0.0	0.0	0.0
47	Rd_1	175.91667	-8.00000	21.50000	9.14868	21.125	0.0	0.0	0.0
47	R								



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
48	RW_1	57.12121	70.90909	22.00000	-2.24460	21.667	0.0	0.0	0.0
48	RW_1	59.09091	71.18182	22.00000	-2.30472	21.667	0.0	0.0	0.0
48	RW_1	61.06061	71.45455	22.00000	-2.36220	21.667	0.0	0.0	0.0
48	RW_1	63.03030	71.72727	22.00000	-2.41658	21.667	0.0	0.0	0.0
48	RW_1	65.00000	72.00000	22.00000	-2.46741	21.667	0.0	0.0	0.0
49	RW_2	65.00000	72.00000	22.00000	-2.46741	21.667	0.0	0.0	0.0
49	RW_2	66.86792	72.71698	22.00000	-2.49492	21.667	0.0	0.0	0.0
49	RW_2	68.73585	73.43396	22.00000	-2.51871	21.667	0.0	0.0	0.0
49	RW_2	70.60377	74.15094	22.00000	-2.53885	21.667	0.0	0.0	0.0
49	RW_2	72.47170	74.86792	22.00000	-2.55549	21.667	0.0	0.0	0.0
49	RW_2	74.33962	75.58491	22.00000	-2.56980	21.667	0.0	0.0	0.0
49	RW_2	76.20755	76.30189	22.00000	-2.57943	21.667	0.0	0.0	0.0
49	RW_2	78.07547	77.01887	22.00000	-2.58748	21.667	0.0	0.0	0.0
49	RW_2	79.94340	77.73585	22.00000	-2.59348	21.667	0.0	0.0	0.0
49	RW_2	81.81132	78.45283	22.00000	-2.59787	21.667	0.0	0.0	0.0
49	RW_2	83.67925	79.16981	22.00000	-2.60103	21.667	0.0	0.0	0.0
49	RW_2	85.54717	79.88679	22.00000	-2.60326	21.667	0.0	0.0	0.0
49	RW_2	87.41509	80.60377	22.00000	-2.60477	21.667	0.0	0.0	0.0
49	RW_2	89.28302	81.32075	22.00000	-2.60562	21.667	0.0	0.0	0.0
49	RW_2	91.15094	82.03774	22.00000	-2.60577	21.667	0.0	0.0	0.0
49	RW_2	93.01887	82.75472	22.00000	-2.60507	21.667	0.0	0.0	0.0
49	RW_2	94.88679	83.47170	22.00000	-2.60333	21.667	0.0	0.0	0.0
49	RW_2	96.75472	84.18868	22.00000	-2.60032	21.667	0.0	0.0	0.0
49	RW_2	98.62264	84.90566	22.00000	-2.59584	21.667	0.0	0.0	0.0
49	RW_2	100.49057	85.62264	22.00000	-2.58974	21.667	0.0	0.0	0.0
49	RW_2	102.35849	86.33962	22.00000	-2.58132	21.667	0.0	0.0	0.0
49	RW_2	104.22642	87.05660	22.00000	-2.57235	21.667	0.0	0.0	0.0
49	RW_2	106.09434	87.77358	22.00000	-2.56099	21.667	0.0	0.0	0.0
49	RW_2	107.96226	88.49057	22.00000	-2.54789	21.667	0.0	0.0	0.0
49	RW_2	109.83019	89.20755	22.00000	-2.53305	21.667	0.0	0.0	0.0
49	RW_2	111.69811	89.92453	22.00000	-2.51651	21.667	0.0	0.0	0.0
49	RW_2	113.56604	90.64151	22.00000	-2.49829	21.667	0.0	0.0	0.0
49	RW_2	115.43396	91.35849	22.00000	-2.47837	21.667	0.0	0.0	0.0
49	RW_2	117.30189	92.07547	22.00000	-2.45674	21.667	0.0	0.0	0.0
49	RW_2	119.16981	92.79245	22.00000	-2.43336	21.667	0.0	0.0	0.0
49	RW_2	121.03774	93.50943	22.00000	-2.40818	21.667	0.0	0.0	0.0
49	RW_2	122.90566	94.22642	22.00000	-2.38115	21.667	0.0	0.0	0.0
49	RW_2	124.77358	94.94340	22.00000	-2.35222	21.667	0.0	0.0	0.0
49	RW_2	126.64151	95.66038	22.00000	-2.32136	21.667	0.0	0.0	0.0
49	RW_2	128.50943	96.37736	22.00000	-2.28854	21.667	0.0	0.0	0.0
49	RW_2	130.37736	97.09434	22.00000	-2.25378	21.667	0.0	0.0	0.0
49	RW_2	132.24528	97.81132	22.00000	-2.21709	21.667	0.0	0.0	0.0
49	RW_2	134.11321	98.52830	22.00000	-2.17854	21.667	0.0	0.0	0.0
49	RW_2	135.98113	99.24528	22.00000	-2.13822	21.667	0.0	0.0	0.0
49	RW_2	137.84906	99.96226	22.00000	-2.09624	21.667	0.0	0.0	0.0
49	RW_2	139.71698	100.67925	22.00000	-2.05276	21.667	0.0	0.0	0.0
49	RW_2	141.58491	101.39623	22.00000	-2.00797	21.667	0.0	0.0	0.0
49	RW_2	143.45283	102.11321	22.00000	-1.96206	21.667	0.0	0.0	0.0
49	RW_2	145.32075	102.83019	22.00000	-1.91526	21.667	0.0	0.0	0.0
49	RW_2	147.18868	103.54717	22.00000	-1.86780	21.667	0.0	0.0	0.0
49	RW_2	149.05660	104.26415	22.00000	-1.81986	21.667	0.0	0.0	0.0
49	RW_2	150.92453	104.98113	22.00000	-1.77163	21.667	0.0	0.0	0.0
49	RW_2	152.79245	105.69811	22.00000	-1.72322	21.667	0.0	0.0	0.0
49	RW_2	154.66038	106.41509	22.00000	-1.67469	21.667	0.0	0.0	0.0
49	RW_2	156.52830	107.13208	22.00000	-1.62606	21.667	0.0	0.0	0.0
49	RW_2	158.39623	107.84906	22.00000	-1.57728	21.667	0.0	0.0	0.0
49	RW_2	160.26415	108.56604	22.00000	-1.52831	21.667	0.0	0.0	0.0
49	RW_2	162.13208	109.28302	22.00000	-1.47908	21.667	0.0	0.0	0.0
50	TWS(1)_1	48.00000	110.00000	22.00000	-1.42961	21.667	0.0	0.0	0.0
50	TWS(1)_1	48.04000	58.00000	15.71400	-2.19335	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.08000	56.00000	15.71400	-2.19808	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.12000	54.00000	15.71400	-2.15772	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.16000	52.00000	15.71400	-2.07943	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.20000	50.00000	15.71400	-1.95907	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.24000	48.00000	15.71400	-1.78263	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.28000	46.00000	15.71400	-1.56042	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.32000	44.00000	15.71400	-1.30262	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.36000	42.00000	15.71400	-1.03420	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.40000	40.00000	15.71400	-0.78512	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.44000	38.00000	15.71400	-0.57752	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.48000	36.00000	15.71400	-0.41381	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.52000	34.00000	15.71400	-0.28643	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.56000	32.00000	15.71400	-0.18764	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.60000	30.00000	15.71400	-0.09391	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.64000	28.00000	15.71400	-0.00155	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.68000	26.00000	15.71400	0.10378	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.72000	24.00000	15.71400	0.19522	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.76000	22.00000	15.71400	0.21542	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.80000	20.00000	15.71400	0.05039	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.84000	18.00000	15.71400	-0.32141	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.88000	16.00000	15.71400	-0.76247	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.92000	14.00000	15.71400	-1.16102	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.96000	12.00000	15.71400	-1.48076	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.00000	10.00000	15.71400	-1.72723	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.04000	8.00000	15.71400	-1.89014	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.08000	6.00000	15.71400	-2.00164	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.12000	4.00000	15.71400	-2.06641	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.16000	2.00000	15.71400	-2.09431	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.20000	0.00000	15.71400	-2.09362	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.24000	-2.00000	15.71400	-2.07112	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.28000	-4.00000	15.71400	-2.03229	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.32000	-6.00000	15.71400	-1.98153	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.36000	-8.00000	15.71400	-1.92235	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.40000	-10.00000	15.71400	-1.85751	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.44000	-12.00000	15.71400	-1.78916	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.48000	-14.00000	15.71400	-1.71900	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.52000	-16.00000	15.71400	-1.64829	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.56000	-18.00000	15.71400	-1.57802	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.60000	-20.00000	15.71400	-1.50881	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.64000	-22.00000	15.71400	-1.44150	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.68000	-24.00000	15.71400	-1.37615	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.72000	-26.00000	15.71400	-1.31313	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.76000	-28.00000	15.71400	-1.25259	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.80000	-30.00000	15.71400	-1.19462	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.84000	-32.00000	15.71400	-1.13925	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.88000	-34.00000	15.71400	-1.08648	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.92000	-36.00000	15.71400	-1.03627	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.96000	-38.00000	15.71400	-0.98854	14.861	0.0	0.0	0.0
50	TWS(1)_1	50.00000	-40.00000	15.71400	-0.94323	14.861	0.0	0.0	0.0
51	TWS(2)_1	-30.00000	5.00000	17.70900	-0.33143	16.785	0.0	0.0	0.0
51	TWS(2)_1	-28.02083	5.00000	17.70900	-0.34603	16.785	0.0	0.0	0.0
51	TWS(2)_1	-26.04167	5.00000	17.70900	-0.36149	16.785	0.0	0.0	0.0
51	TWS(2)_1	-24.06250	5.						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
51	TWS (2)_1	31.35417	5.00000	17.70900	-1.58660	16.785	0.0	0.0	0.0
51	TWS (2)_1	33.33333	5.00000	17.70900	-1.66284	16.785	0.0	0.0	0.0
51	TWS (2)_1	35.31250	5.00000	17.70900	-1.73776	16.785	0.0	0.0	0.0
51	TWS (2)_1	37.29167	5.00000	17.70900	-1.80962	16.785	0.0	0.0	0.0
51	TWS (2)_1	39.27083	5.00000	17.70900	-1.87631	16.785	0.0	0.0	0.0
51	TWS (2)_1	41.25000	5.00000	17.70900	-1.93534	16.785	0.0	0.0	0.0
51	TWS (2)_1	43.22917	5.00000	17.70900	-1.98384	16.785	0.0	0.0	0.0
51	TWS (2)_1	45.20833	5.00000	17.70900	-2.01876	16.785	0.0	0.0	0.0
51	TWS (2)_1	47.18750	5.00000	17.70900	-2.03703	16.785	0.0	0.0	0.0
51	TWS (2)_1	49.16667	5.00000	17.70900	-2.03588	16.785	0.0	0.0	0.0
51	TWS (2)_1	51.14583	5.00000	17.70900	-2.01308	16.785	0.0	0.0	0.0
51	TWS (2)_1	53.12500	5.00000	17.70900	-1.96720	16.785	0.0	0.0	0.0
51	TWS (2)_1	55.10417	5.00000	17.70900	-1.89763	16.785	0.0	0.0	0.0
51	TWS (2)_1	57.08333	5.00000	17.70900	-1.80447	16.785	0.0	0.0	0.0
51	TWS (2)_1	59.06250	5.00000	17.70900	-1.68827	16.785	0.0	0.0	0.0
51	TWS (2)_1	61.04167	5.00000	17.70900	-1.54965	16.785	0.0	0.0	0.0
51	TWS (2)_1	63.02083	5.00000	17.70900	-1.38882	16.785	0.0	0.0	0.0
51	TWS (2)_1	65.00000	5.00000	17.70900	-1.20494	16.785	0.0	0.0	0.0
52	TWS (2)_2	65.00000	5.00000	16.78300	-1.20557	15.832	0.0	0.0	0.0
52	TWS (2)_2	66.85484	4.27419	16.78300	-1.26544	15.832	0.0	0.0	0.0
52	TWS (2)_2	68.70968	3.54839	16.78300	-1.32960	15.832	0.0	0.0	0.0
52	TWS (2)_2	70.56452	2.82258	16.78300	-1.39199	15.832	0.0	0.0	0.0
52	TWS (2)_2	72.41935	2.09677	16.78300	-1.44817	15.832	0.0	0.0	0.0
52	TWS (2)_2	74.27419	1.37097	16.78300	-1.49566	15.832	0.0	0.0	0.0
52	TWS (2)_2	76.12903	0.64516	16.78300	-1.53381	15.832	0.0	0.0	0.0
52	TWS (2)_2	77.98387	-0.08065	16.78300	-1.56350	15.832	0.0	0.0	0.0
52	TWS (2)_2	79.83871	-0.80645	16.78300	-1.58690	15.832	0.0	0.0	0.0
52	TWS (2)_2	81.69355	-1.53226	16.78300	-1.60745	15.832	0.0	0.0	0.0
52	TWS (2)_2	83.54839	-2.25806	16.78300	-1.63009	15.832	0.0	0.0	0.0
52	TWS (2)_2	85.40323	-2.98387	16.78300	-1.66142	15.832	0.0	0.0	0.0
52	TWS (2)_2	87.25806	-3.70968	16.78300	-1.70942	15.832	0.0	0.0	0.0
52	TWS (2)_2	89.11290	-4.43548	16.78300	-1.78239	15.832	0.0	0.0	0.0
52	TWS (2)_2	90.96774	-5.16129	16.78300	-1.88678	15.832	0.0	0.0	0.0
52	TWS (2)_2	92.82258	-5.88710	16.78300	-2.02430	15.832	0.0	0.0	0.0
52	TWS (2)_2	94.67742	-6.61290	16.78300	-2.18919	15.832	0.0	0.0	0.0
52	TWS (2)_2	96.53226	-7.33871	16.78300	-2.36786	15.832	0.0	0.0	0.0
52	TWS (2)_2	98.38710	-8.06452	16.78300	-2.54295	15.832	0.0	0.0	0.0
52	TWS (2)_2	100.24194	-8.79032	16.78300	-2.69955	15.832	0.0	0.0	0.0
52	TWS (2)_2	102.09677	-9.51613	16.78300	-2.82904	15.832	0.0	0.0	0.0
52	TWS (2)_2	103.95161	-10.24194	16.78300	-2.92893	15.832	0.0	0.0	0.0
52	TWS (2)_2	105.80645	-10.96774	16.78300	-3.00071	15.832	0.0	0.0	0.0
52	TWS (2)_2	107.66129	-11.69355	16.78300	-3.04769	15.832	0.0	0.0	0.0
52	TWS (2)_2	109.51613	-12.41935	16.78300	-3.07367	15.832	0.0	0.0	0.0
52	TWS (2)_2	111.37097	-13.14516	16.78300	-3.08221	15.832	0.0	0.0	0.0
52	TWS (2)_2	113.22581	-13.87097	16.78300	-3.07646	15.832	0.0	0.0	0.0
52	TWS (2)_2	115.08065	-14.59677	16.78300	-3.05902	15.832	0.0	0.0	0.0
52	TWS (2)_2	116.93548	-15.32258	16.78300	-3.03189	15.832	0.0	0.0	0.0
52	TWS (2)_2	118.79032	-16.04839	16.78300	-2.99624	15.832	0.0	0.0	0.0
52	TWS (2)_2	120.64516	-16.77419	16.78300	-2.95218	15.832	0.0	0.0	0.0
52	TWS (2)_2	122.50000	-17.50000	16.78300	-2.89864	15.832	0.0	0.0	0.0
52	TWS (2)_2	124.35484	-18.22581	16.78300	-2.83342	15.832	0.0	0.0	0.0
52	TWS (2)_2	126.20968	-18.95161	16.78300	-2.75353	15.832	0.0	0.0	0.0
52	TWS (2)_2	128.06452	-19.67742	16.78300	-2.65591	15.832	0.0	0.0	0.0
52	TWS (2)_2	129.91935	-20.40323	16.78300	-2.53873	15.832	0.0	0.0	0.0
52	TWS (2)_2	131.77419	-21.12903	16.78300	-2.40324	15.832	0.0	0.0	0.0
52	TWS (2)_2	133.62903	-21.85484	16.78300	-2.25539	15.832	0.0	0.0	0.0
52	TWS (2)_2	135.48387	-22.58065	16.78300	-2.10488	15.832	0.0	0.0	0.0
52	TWS (2)_2	137.33871	-23.30645	16.78300	-1.96112	15.832	0.0	0.0	0.0
52	TWS (2)_2	139.19355	-24.03226	16.78300	-1.82953	15.832	0.0	0.0	0.0
52	TWS (2)_2	141.04839	-24.75806	16.78300	-1.71111	15.832	0.0	0.0	0.0
52	TWS (2)_2	142.90323	-25.48387	16.78300	-1.60410	15.832	0.0	0.0	0.0
52	TWS (2)_2	144.75806	-26.20968	16.78300	-1.50593	15.832	0.0	0.0	0.0
52	TWS (2)_2	146.61290	-26.93548	16.78300	-1.41458	15.832	0.0	0.0	0.0
52	TWS (2)_2	148.46774	-27.66129	16.78300	-1.32948	15.832	0.0	0.0	0.0
52	TWS (2)_2	150.32258	-28.38710	16.78300	-1.25241	15.832	0.0	0.0	0.0
52	TWS (2)_2	152.17742	-29.11290	16.78300	-1.18800	15.832	0.0	0.0	0.0
52	TWS (2)_2	154.03226	-29.83871	16.78300	-1.14356	15.832	0.0	0.0	0.0
52	TWS (2)_2	155.88710	-30.56452	16.78300	-1.12715	15.832	0.0	0.0	0.0
52	TWS (2)_2	157.74194	-31.29032	16.78300	-1.14408	15.832	0.0	0.0	0.0
52	TWS (2)_2	159.59677	-32.01613	16.78300	-1.19333	15.832	0.0	0.0	0.0
52	TWS (2)_2	161.45161	-32.74194	16.78300	-1.26605	15.832	0.0	0.0	0.0
52	TWS (2)_2	163.30645	-33.46774	16.78300	-1.34757	15.832	0.0	0.0	0.0
52	TWS (2)_2	165.16129	-34.19355	16.78300	-1.42320	15.832	0.0	0.0	0.0
52	TWS (2)_2	167.01613	-34.91935	16.78300	-1.48285	15.832	0.0	0.0	0.0
52	TWS (2)_2	168.87097	-35.64516	16.78300	-1.52202	15.832	0.0	0.0	0.0
52	TWS (2)_2	170.72581	-36.37097	16.78300	-1.54027	15.832	0.0	0.0	0.0
52	TWS (2)_2	172.58065	-37.09677	16.78300	-1.53941	15.832	0.0	0.0	0.0
52	TWS (2)_2	174.43548	-37.82258	16.78300	-1.52233	15.832	0.0	0.0	0.0
52	TWS (2)_2	176.29032	-38.54839	16.78300	-1.49220	15.832	0.0	0.0	0.0
52	TWS (2)_2	178.14516	-39.27419	16.78300	-1.45211	15.832	0.0	0.0	0.0
52	TWS (2)_2	180.00000	-40.00000	16.78300	-1.40477	15.832	0.0	0.0	0.0
53	canal wall L1	5.99000	50.78000	21.50000	-0.83890	21.125	0.0	0.0	0.0
53	canal wall L1	8.08429	50.76143	21.50000	-0.88992	21.125	0.0	0.0	0.0
53	canal wall L1	10.17857	50.74286	21.50000	-0.94455	21.125	0.0	0.0	0.0
53	canal wall L1	12.27286	50.72429	21.50000	-1.00300	21.125	0.0	0.0	0.0
53	canal wall L1	14.36714	50.70571	21.50000	-1.06544	21.125	0.0	0.0	0.0
53	canal wall L1	16.46143	50.68714	21.50000	-1.13203	21.125	0.0	0.0	0.0
53	canal wall L1	18.55571	50.66857	21.50000	-1.20283	21.125	0.0	0.0	0.0
53	canal wall L1	20.65000	50.65000	21.50000	-1.27786	21.125	0.0	0.0	0.0
54	canal wall L2	20.65000	50.65000	21.50000	-1.27786	21.125	0.0	0.0	0.0
54	canal wall L2	22.67556	50.36667	21.50000	-1.35756	21.125	0.0	0.0	0.0
54	canal wall L2	24.70111	50.08333	21.50000	-1.44128	21.125	0.0	0.0	0.0
54	canal wall L2	26.72667	49.80000	21.50000	-1.52849	21.125	0.0	0.0	0.0
54	canal wall L2	28.75222	49.51667	21.50000	-1.61828	21.125	0.0	0.0	0.0
54	canal wall L2	30.77778	49.23333	21.50000	-1.70923	21.125	0.0	0.0	0.0
54	canal wall L2	32.80333	48.95000	21.50000	-1.79918	21.125	0.0	0.0	0.0
54	canal wall L2	34.82889	48.66667	21.50000	-1.88493	21.125	0.0	0.0	0.0
54	canal wall L2	36.85444	48.38333	21.50000	-1.96183	21.125	0.0	0.0	0.0
54	canal wall L2	38.88000	48.10000	21.50000	-2.02309	21.125	0.0	0.0	0.0
55	canal wall L3	38.88000	48.10000	21.50000	-2.02309	21.125	0.0	0.0	0.0
55	canal wall L3	40.92875	48.22875	21.50000	-2.06026	21.125	0.0	0.0	0.0
55	canal wall L3	42.97750	48.35750	21.50000	-2.06684	21.125	0.0	0.0	0.0
55	canal wall L3	45.02625	48.48625	21.50000	-2.03015	21.125	0.0	0.0	0.0
55	canal wall L3	47.07500	48.61500	21.50000	-1.93381	21.125	0.0	0.0	0.0
55	canal wall L3	49.12375	48.74375	21.50000	-1.78794	21.125	0.0	0.0	0.0
55	canal wall L3	51.17250	48.87250	21.50000	-1.48212	21.125	0.0	0.0	0.0
55	canal wall L3	53.22125	49.00125	21.50000	-1.09442	21.125	0.0	0.0	0.0
55	canal wall L3	55.27000	49.13000	21.50000	-0.59917	21.125	0.0	0.0	0.0
56	canal wall L4	55.27000	49.13000	21.50000	-0.59917	21.125	0.0	0.0	0.0
56	canal wall L4	57.12919	49.82984	21.50000	-0.41041	21.125	0.0	0.0	0.0
56	canal wall L4	58.98836	50.52967	21.50000	-0.30722	21.125	0.0	0.0	0.0
56	canal wall L4	60.84754	51.22951	21.50000	-				



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Undrained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [μ]
		[m]	[m]	[mOD]	[mm]				
56	canal wall L4	116.62295	72.22459	21.50000	-1.27847	21.125	0.0	0.0	0.0
56	canal wall L4	118.48213	72.92443	21.50000	-1.23511	21.125	0.0	0.0	0.0
56	canal wall L4	120.34131	73.62426	21.50000	-1.18573	21.125	0.0	0.0	0.0
56	canal wall L4	122.20049	74.32410	21.50000	-1.13155	21.125	0.0	0.0	0.0
56	canal wall L4	124.05967	75.02393	21.50000	-1.07231	21.125	0.0	0.0	0.0
56	canal wall L4	125.91885	75.72377	21.50000	-1.00636	21.125	0.0	0.0	0.0
56	canal wall L4	127.77803	76.42361	21.50000	-0.93100	21.125	0.0	0.0	0.0
56	canal wall L4	129.63721	77.12344	21.50000	-0.84299	21.125	0.0	0.0	0.0
56	canal wall L4	131.49639	77.82328	21.50000	-0.73936	21.125	0.0	0.0	0.0
56	canal wall L4	133.35557	78.52311	21.50000	-0.61864	21.125	0.0	0.0	0.0
56	canal wall L4	135.21475	79.22295	21.50000	-0.48228	21.125	0.0	0.0	0.0
56	canal wall L4	137.07393	79.92279	21.50000	-0.33569	21.125	0.0	0.0	0.0
56	canal wall L4	138.93311	80.62262	21.50000	-0.18696	21.125	0.0	0.0	0.0
56	canal wall L4	140.79230	81.32246	21.50000	-0.04290	21.125	0.0	0.0	0.0
56	canal wall L4	142.65148	82.02230	21.50000	0.09476	21.125	0.0	0.0	0.0
56	canal wall L4	144.51066	82.72213	21.50000	0.22779	21.125	0.0	0.0	0.0
56	canal wall L4	146.36984	83.42197	21.50000	0.35605	21.125	0.0	0.0	0.0
56	canal wall L4	148.22902	84.12180	21.50000	0.47471	21.125	0.0	0.0	0.0
56	canal wall L4	150.08820	84.82164	21.50000	0.57661	21.125	0.0	0.0	0.0
56	canal wall L4	151.94738	85.52148	21.50000	0.65446	21.125	0.0	0.0	0.0
56	canal wall L4	153.80656	86.22131	21.50000	0.69976	21.125	0.0	0.0	0.0
56	canal wall L4	155.66574	86.92115	21.50000	0.70127	21.125	0.0	0.0	0.0
56	canal wall L4	157.52492	87.62098	21.50000	0.64405	21.125	0.0	0.0	0.0
56	canal wall L4	159.38410	88.32082	21.50000	0.50806	21.125	0.0	0.0	0.0
56	canal wall L4	161.24328	89.02066	21.50000	0.26369	21.125	0.0	0.0	0.0
56	canal wall L4	163.10246	89.72049	21.50000	-0.08606	21.125	0.0	0.0	0.0
56	canal wall L4	164.96164	90.42033	21.50000	-0.52437	21.125	0.0	0.0	0.0
56	canal wall L4	166.82082	91.12016	21.50000	-0.93688	21.125	0.0	0.0	0.0
56	canal wall L4	168.68000	91.82000	21.50000	-1.24585	21.125	0.0	0.0	0.0

Results : Consolidation : Displacement Data : Lines

None

Results : Total : Displacement Data : Lines

None



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Results : Immediate : Load Centres : Rectangular

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Plot B Southern Wall	76.00000	12.00000	8.17000	39.73656	7.3537	280.29	587.83	0.0050662
2	Plot B Northern wall	76.00000	53.00000	8.17000	17.09159	7.3537	27.895	69.323	454.07E-6
3	Plot B Eastern Wall	101.00000	33.00000	8.17000	27.27072	7.3537	29.371	62.566	526.38E-6
4	Plot C Eastern	134.00000	72.00000	6.93000	23.23151	6.2348	142.57	345.06	0.0022811
5	Plot C Southern1	172.00000	72.00000	6.93000	12.98109	6.2348	28.382	69.533	450.39E-6
6	Plot C Southern2	176.00000	48.00000	6.93000	4.62642	6.2348	7.0914	17.994	109.76E-6
7	Plot C Southern3	176.00000	10.00000	6.93000	21.67792	6.2348	129.37	312.89	0.0020710
8	Plot C Western 1	151.00000	-18.00000	6.93000	23.13855	6.2348	143.46	346.58	0.0022984
9	Plot C Western 2	118.00000	-5.00000	6.93000	3.62267	6.2348	7.0957	18.464	107.77E-6
10	Plot C Northern	101.00000	27.50000	6.93000	24.45129	6.2348	31.051	61.767	556.67E-6
11	Plot C Southern4	171.00000	-21.00000	6.93000	14.34979	6.2348	23.669	60.957	362.30E-6

Results : Consolidation : Load Centres : Rectangular

None

Results : Total : Load Centres : Rectangular

None

Results : Immediate : Load Centres : Circular

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Plot B Pile_C1_1	58.75000	44.29000	9.10000	22.48704	8.3946	56.050	121.42	0.0010297
2	Plot B Pile_C1_2	59.80000	43.44000	9.10000	27.28082	8.3946	56.039	121.70	0.0010280
3	Plot B Pile_C1_3	60.01000	44.77000	9.10000	23.31908	8.3946	56.042	122.19	0.0010257
4	Plot B Pile_C2_1	65.47000	46.86000	9.10000	23.65584	8.3946	56.031	122.89	0.0010220
5	Plot B Pile_C2_2	66.52000	46.01000	9.10000	27.97332	8.3946	56.047	122.83	0.0010228
6	Plot B Pile_C2_3	66.76000	47.34000	9.10000	24.40251	8.3946	55.997	122.85	0.0010213
7	Plot B Pile_C3_1	72.20000	49.43000	9.10000	24.64180	8.3946	56.079	123.08	0.0010225
8	Plot B Pile_C3_2	73.25000	48.58000	9.10000	29.10885	8.3946	56.052	122.77	0.0010232
9	Plot B Pile_C3_3	73.46000	49.91000	9.10000	25.37084	8.3946	56.047	122.86	0.0010226
10	Plot B Pile_C4_1	78.92000	52.00000	9.10000	26.46478	8.3946	57.625	84.446	677.09E-6
11	Plot B Pile_C4_2	79.97000	51.15000	9.10000	31.42320	8.3946	37.615	84.157	678.17E-6
12	Plot B Pile_C4_3	80.18000	52.48000	5.10000	24.86808	4.3603	39.340	91.424	610.81E-6
13	Plot B Pile_C5_1	84.42000	51.65000	5.10000	27.03928	4.3603	119.36	272.32	0.0018745
14	Plot B Pile_C5_2	86.07000	52.97000	5.10000	31.73518	4.3603	115.97	276.05	0.0017780
15	Plot B Pile_C5_3	87.75000	53.61000	5.10000	30.80050	4.3603	122.09	282.90	0.0018991
16	Plot B Pile_C5_4	87.11000	55.29000	9.10000	27.74456	8.3946	32.347	84.213	526.45E-6
17	Plot B Pile_C6_1	92.12000	57.05000	9.10000	36.27925	8.3946	154.97	368.24	0.0026909
18	Plot B Pile_C6_2	92.80000	55.26000	9.10000	42.64271	8.3946	154.67	366.52	0.0026906
19	Plot B Pile_C6_3	94.58000	55.94000	9.10000	27.93874	8.3946	235.63	605.72	0.0039907
20	Plot B Pile_C6_4	93.90000	57.73000	9.10000	41.52575	8.3946	239.60	612.03	0.0039560
21	Plot B Pile_C6_5	93.35000	56.50000	8.43000	41.74091	7.5874	215.48	450.28	0.0039319
22	Plot B Pile_C7_1	95.55000	58.36000	8.43000	38.21444	7.5874	172.53	395.28	0.0029861
23	Plot B Pile_C7_2	96.04000	57.10000	8.43000	46.37241	7.5874	273.26	610.97	0.0041751
24	Plot B Pile_C7_3	97.30000	57.58000	8.43000	43.36534	7.5874	211.68	534.96	0.0034305
25	Plot B Pile_C7_4	96.81000	58.84000	2.43000	22.74002	1.7315	131.43	258.32	0.0020789
26	Plot B Pile_C8_1	56.10000	40.04000	2.43000	23.43012	1.7315	126.73	339.14	0.0016515
27	Plot B Pile_C8_2	56.74000	38.36000	2.43000	27.44295	1.7315	148.59	402.84	0.0019160
28	Plot B Pile_C8_3	58.42000	39.01000	2.43000	29.82610	1.7315	146.27	413.98	0.0019167
29	Plot B Pile_C8_4	57.78000	40.69000	2.43000	26.40010	1.7315	142.82	382.74	0.0018592
30	Plot B Pile_C9_1	61.86000	42.25000	2.43000	29.14420	1.7315	148.24	389.91	0.0019586
31	Plot B Pile_C9_2	62.50000	40.57000	2.43000	32.15674	1.7315	142.85	391.04	0.0018274
32	Plot B Pile_C9_3	64.18000	41.21000	2.43000	32.04215	1.7315	130.13	357.07	0.0016613
33	Plot B Pile_C9_4	63.54000	42.89000	2.43000	28.81817	1.7315	133.75	366.76	0.0017515
34	Plot B Pile_C10_1	68.58000	44.82000	2.43000	29.86475	1.7315	134.26	352.07	0.0017780
35	Plot B Pile_C10_2	69.22000	43.14000	2.43000	33.20533	1.7315	130.18	349.03	0.0016940
36	Plot B Pile_C10_3	70.91000	43.78000	2.43000	33.61496	1.7315	130.19	349.94	0.0016906
37	Plot B Pile_C10_4	70.26000	45.46000	2.43000	30.16554	1.7315	133.97	352.07	0.0017712
38	Plot B Pile_C11_1	75.31000	47.39000	2.43000	31.39794	1.7315	134.49	361.90	0.0018463
39	Plot B Pile_C11_2	75.95000	45.71000	2.43000	34.82726	1.7315	130.62	362.23	0.0016526
40	Plot B Pile_C11_3	77.63000	46.35000	2.43000	36.11166	1.7315	141.39	395.87	0.0017740
41	Plot B Pile_C11_4	76.99000	48.03000	2.43000	32.52904	1.7315	143.65	389.26	0.0018530
42	Plot B Pile_C12_1	81.20000	49.64000	2.43000	34.67864	1.7315	152.67	408.02	0.0019917
43	Plot B Pile_C12_2	81.84000	47.96000	2.43000	39.31272	1.7315	143.68	401.87	0.0018745
44	Plot B Pile_C12_3	83.52000	48.60000	2.43000	41.04422	1.7315	138.82	374.48	0.0017974
45	Plot B Pile_C12_4	82.88000	50.29000	2.43000	35.15797	1.7315	150.84	385.56	0.0020367
46	Plot B Pile_C13_1	92.83000	53.30000	2.43000	32.08622	1.7315	159.15	371.83	0.0022862
47	Plot B Pile_C13_2	93.47000	51.62000	2.43000	34.59961	1.7315	154.39	387.37	0.0021132
48	Plot B Pile_C13_3	95.15000	52.26000	2.43000	42.03934	1.7315	172.66	402.84	0.0024940
49	Plot B Pile_C13_4	94.51000	53.94000	7.77000	40.62298	6.9935	94.826	231.20	0.0015463
50	Plot B Pile_C14_1	98.63000	57.35000	7.77000	39.93443	6.9935	178.54	403.36	0.0030576
51	Plot B Pile_C14_2	98.63000	56.00000	7.77000	42.15201	6.9935	172.55	400.21	0.0029075
52	Plot B Pile_C14_3	99.98000	56.00000	7.77000	38.12045	6.9935	143.86	336.64	0.0024105
53	Plot B Pile_C14_4	99.98000	57.35000	5.10000	29.85966	4.3603	144.40	289.46	0.0024105
54	Plot B Pile_C15_1	97.97000	53.08000	5.10000	36.34418	4.3603	130.12	297.23	0.0020421
55	Plot B Pile_C15_2	99.53000	52.18000	5.10000	32.42515	4.3603	106.98	265.66	0.0015890
56	Plot B Pile_C15_3	99.53000	53.98000	2.43000	28.06002	1.7315	147.14	300.63	0.0022828
57	Plot B Pile_C16_1	56.36000	34.26000	2.43000	28.21086	1.7315	136.53	381.30	0.0017168
58	Plot B Pile_C16_2	56.36000	32.46000	2.43000	27.83183	1.7315	123.77	346.20	0.0017168
59	Plot B Pile_C16_3	58.16000	32.46000	2.43000	32.61547	1.7315	139.10	392.28	0.0017342
60	Plot B Pile_C16_4	58.16000	34.26000	2.43000	32.96664	1.7315	156.72	437.96	0.0019697
61	Plot B Pile_C17_1	62.33000	34.71000	2.43000	38.87552	1.7315	139.32	415.74	0.0016475
62	Plot B Pile_C17_2	62.33000	32.91000	2.43000	41.25337	1.7315	143.61	416.77	0.0017442
63	Plot B Pile_C17_3	64.13000	32.91000	2.43000	46.45800	1.7315	181.68	522.88	0.0022238
64	Plot B Pile_C17_4	64.13000	34.71000	1.77000	42.69286	1.1650	190.10	487.42	0.0025219
65	Plot B Pile_C18_1	67.91000	36.54000	1.77000	48.79281	1.1650	166.02	460.65	0.0020673
66	Plot B Pile_C18_2	67.91000	34.74000	1.77000	55.29651	1.1650	187.40	513.71	0.0023578
67	Plot B Pile_C18_3	67.91000	32.94000	1.77000	60.67932	1.1650	185.06	491.17	0.0023905
68	Plot B Pile_C18_4	69.71000	32.94000	1.77000	69.07196	1.1650	145.37	404.69	0.0018051
69	Plot B Pile_C18_5	69.71000	34.74000	1.77000	62.24379	1.1650	150.34	428.70	0.0018276
70	Plot B Pile_C18_6	69.71000	36.54000	0.30000	51.62191	-0.41003	244.84	676.57	0.0029357
71	Plot B Pile_C19a_1	68.98000	17.43000	0.30000	33.22973	-0.41003	151.22	386.29	0.0019300
72	Plot B Pile_C19a_2	68.98000	19.23000	0.30000	41.01941	-0.41003	204.69	538.97	0.0025529
73	Plot B Pile_C19a_3	68.98000	21.03000	0.30000	48.55067	-0.41003	246.00	674.80	0.0029678
74	Plot B Pile_C19a_4	68.98000	22.83000	0.30000	56.48153	-0.41003	306.06	827.53	0.0037371
75	Plot B Pile_C19a_5	69.33000	24.78000	0.30000	62.91814	-0.41003	354.60	964.24	0.0043094
76	Plot B Pile_C19a_6	67.77000	25.68000	0.30000	61.02949	-0.41003	270.23	772.06	0.0031461
77	Plot B Pile_C19a_7	69.33000	26.58000	0.30000	66.36518	-0.41003	377.61	1036.1	0.0045546
78	Plot B Pile_C19a_8	68.81000	28.72000	0.30000	65.26181	-0.41003	343.74	964.29	0.0040679
79	Plot B Pile_C19a_9	67.91000	30.28000	0.30000	60.40139	-0.41003	289.80	795.47	0.0034944
80	Plot B Pile_C19a_10	69.71000	30.28000	0.30000	67.86367	-0.41003	381.32	1043.5	0.0046098
81	Plot B Pile_C19a_11	71.58000	35.61000	0.30000	63.65823	-0.41003	363.04	980.84	0.0044357
82	Plot B Pile_C19a_12	71.58000	33.69000	0.30000	70.72913	-0.41003	430.47	1139.0	0.0053482
83	Plot B Pile_C19a_13	71.58000	31.77000	0.30000	74.55518	-0.41003	465.88	1231.1	0.0057944
84	Plot B Pile_C19a_14	71.58000	29.86000	0.30000	74.80960	-0.41003	450.83	1236.8	0.0057944
85	Plot B Pile_C19a_15	70.63000	28.33000	0.30000	72.22424	-0.41003	443.04	1187.3	0.0054944
86	Plot B Pile_C19a_16	71.00000	25.92000	0.30000	68.16588	-0.41003	407.83	1139.6	0.0050000
87	Plot B Pile_C19a_17	71.00000	23.91000	0.30000	63.53232	-0.41003	373.90	1026.3	0.0045000
88	Plot B Pile_C19a_18	70.63000	21.75000	0.30000	53.76040	-0.41003	288.71	810.42	0.0034000
89	Plot B Pile_C19a_19	73.04000	23.91000	0.30000	64.90413	-0.41003	373.86	1040.0	0.0045000
90	Plot B Pile_C19a_20	73.04000	25.92000	0.30000	71.49828	-0.41003	449.89	1349.9	0.0053000
91	Plot B Pile_C19a_21	75.04000	27.93000	0.30000	75.43370	-0.41003	436.98	1250.4	0.0054000
92	Plot B Pile_C19a_22	73.51000	29.86000	0.30000	77.85390	-0.41003	464.11	1298.4	0.0056000
93	Plot B Pile_C19a_23	73.51000	31.77000	0.30000	78.53265	-0.41003	484.72	1326.6	0.0057000
94	Plot B Pile_C19a_24	73.51000	33.69000	0.30000	76.44077	-0.41003	480.03	1300.4	0.0054000
95	Plot B Pile_C19a_25	73.51000	35.61000	0.30000	70.81573	-0.41003	447.10	1215.7	0.0050000
96	Plot B Pile_C19a_26	74.26000	37.30000	0.30000	63.93827	-0.41003	366.36	1037.5	0.0045000
97	Plot B Pile_C19a_27	74.26000	39.10000	0.30000	52.58325	-0.41003	243.32	747.33	0.0030000
98	Plot B Pile_C19a_28	76.06000	39.10000	0.30000	56.72104	-0.41003	297.55	837.10	0.0034000
99	Plot B Pile_C19a_29	76.06000	37.30000	0.30000	67.90215	-0.41003	411.47	1111.0	0.0045000
100	Plot								



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
102	PLOT B File_C19a_32	75.44000	31.77000	0.30000	79.84736	-0.41003	495.83	1355.7	0.0059985
103	PLOT B File_C19a_33	75.44000	29.86000	0.30000	78.45257	-0.41003	476.15	1314.2	0.0057146
104	PLOT B File_C19a_34	75.44000	27.93000	0.30000	75.86464	-0.41003	456.04	1258.5	0.0054742
105	PLOT B File_C19a_35	75.44000	25.92000	0.30000	71.92403	-0.41003	423.02	1153.4	0.0051294
106	PLOT B File_C19a_36	75.44000	23.91000	0.30000	64.88888	-0.41003	360.04	983.07	0.0043607
107	PLOT B File_C19a_37	77.24000	23.91000	0.30000	61.70510	-0.41003	314.76	866.89	0.0037848
108	PLOT B File_C19a_38	77.24000	25.92000	0.30000	68.03798	-0.41003	359.40	1010.1	0.0042464
109	PLOT B File_C19a_39	77.24000	27.93000	0.30000	72.08489	-0.41003	411.96	1142.6	0.0049239
110	PLOT B File_C19a_40	77.24000	29.86000	0.30000	74.81761	-0.41003	435.94	1201.7	0.0052375
111	PLOT B File_C19a_41	77.24000	31.77000	0.30000	77.53868	-0.41003	451.22	1232.3	0.0054641
112	PLOT B File_C19a_42	77.24000	33.69000	0.30000	78.56461	-0.41003	458.78	1239.0	0.0056078
113	PLOT B File_C19a_43	77.24000	35.61000	0.30000	75.77023	-0.41003	450.78	1197.0	0.0055852
114	PLOT B File_C19a_44	78.43000	39.10000	0.30000	58.10907	-0.41003	267.71	725.14	0.0032640
115	PLOT B File_C19a_45	78.43000	37.30000	0.30000	67.98063	-0.41003	335.21	911.85	0.0040725
116	PLOT B File_C19a_46	79.04000	35.61000	0.30000	71.33459	-0.41003	355.71	990.78	0.0042359
117	PLOT B File_C19a_47	79.04000	33.69000	0.30000	72.83742	-0.41003	361.64	1022.6	0.0042497
118	PLOT B File_C19a_48	79.04000	31.77000	0.30000	71.19898	-0.41003	363.20	1027.8	0.0042651
119	PLOT B File_C19a_49	79.04000	29.86000	0.30000	67.54219	-0.41003	330.73	935.84	0.0038842
120	PLOT B File_C19a_50	79.05000	27.93000	0.30000	64.50401	-0.41003	321.07	902.32	0.0037937
121	PLOT B File_C19a_51	79.04000	25.92000	0.30000	62.02013	-0.41003	292.72	817.16	0.0034789
122	PLOT B File_C19a_52	79.04000	23.91000	-3.70000	44.63588	-4.9710	144.71	440.07	0.0016683
123	PLOT B File_C19b_1	80.93000	34.18000	-3.70000	52.79625	-4.9710	354.05	818.65	0.0039769
124	PLOT B File_C19b_2	80.93000	35.98000	-3.70000	52.49196	-4.9710	356.29	816.43	0.0040245
125	PLOT B File_C19b_3	82.73000	35.98000	-3.70000	51.80258	-4.9710	348.87	810.93	0.0039056
126	PLOT B File_C19b_4	82.73000	34.18000	-0.37000	57.97479	-0.93149	174.45	620.43	0.0015565
127	PLOT B File_C19c_1	85.41000	34.40000	-0.37000	58.27422	-0.93149	181.81	661.06	0.0017845
128	PLOT B File_C19c_2	85.41000	36.20000	-0.37000	65.30524	-0.93149	357.52	992.21	0.0042139
129	PLOT B File_C19c_3	85.41000	38.00000	-0.37000	68.71550	-0.93149	443.51	1152.1	0.0055154
130	PLOT B File_C19c_4	85.41000	39.80000	-0.37000	66.56089	-0.93149	429.40	1127.8	0.0052946
131	PLOT B File_C19c_5	85.41000	41.60000	-0.37000	63.17879	-0.93149	414.07	1091.0	0.0050819
132	PLOT B File_C19c_6	85.90000	43.40000	-0.37000	61.09789	-0.93149	423.75	1118.8	0.0052039
133	PLOT B File_C19c_7	85.90000	45.40000	-0.37000	55.02699	-0.93149	380.38	997.44	0.0046961
134	PLOT B File_C19c_8	85.90000	47.40000	-0.37000	46.44189	-0.93149	293.52	768.14	0.0036295
135	PLOT B File_C19c_9	87.70000	47.40000	-0.37000	47.99278	-0.93149	307.26	829.95	0.0037048
136	PLOT B File_C19c_10	87.70000	45.40000	-0.37000	57.08740	-0.93149	403.44	1079.5	0.0049019
137	PLOT B File_C19c_11	87.70000	43.40000	0.30000	63.17173	-0.93149	449.72	1204.0	0.0054617
138	PLOT B File_C19c_12	87.21000	41.60000	-0.37000	66.58181	-0.93149	468.32	1241.2	0.0057338
139	PLOT B File_C19c_13	87.21000	39.80000	-0.37000	68.52248	-0.93149	473.71	1251.8	0.0058134
140	PLOT B File_C19c_14	87.21000	38.00000	-0.37000	69.06072	-0.93149	449.11	1193.9	0.0054855
141	PLOT B File_C19c_15	86.21000	36.20000	-0.37000	64.27491	-0.93149	376.33	1024.4	0.0052191
142	PLOT B File_C19c_16	87.21000	34.40000	-0.37000	56.22580	-0.93149	274.69	780.62	0.0031708
143	PLOT B File_C19c_17	89.01000	36.20000	-0.37000	62.11177	-0.93149	305.15	840.57	0.0036197
144	PLOT B File_C19c_18	89.01000	38.00000	-0.37000	66.89383	-0.93149	368.14	993.94	0.0044405
145	PLOT B File_C19c_19	89.01000	39.80000	-0.37000	67.21964	-0.93149	407.62	1085.4	0.0049721
146	PLOT B File_C19c_20	89.01000	41.60000	-0.37000	64.31839	-0.93149	413.20	1102.0	0.0050589
147	PLOT B File_C19c_21	89.50000	43.40000	-0.37000	59.10094	-0.93149	378.87	1016.8	0.0045924
148	PLOT B File_C19c_22	89.50000	45.40000	-0.37000	54.14816	-0.93149	366.82	954.63	0.0045553
149	PLOT B File_C19c_23	89.50000	47.40000	-0.37000	46.18418	-0.93149	288.28	755.24	0.0035616
150	PLOT B File_C19c_24	90.99000	36.20000	-1.70000	55.97573	-1.9730	394.33	1116.4	0.0044492
151	PLOT B File_C19d_1	92.97000	34.40000	-1.70000	56.99377	-1.9730	266.62	721.01	0.0031860
152	PLOT B File_C19d_2	92.97000	36.20000	-1.70000	53.51776	-1.9730	353.68	1099.7	0.0036403
153	PLOT B File_C19d_3	92.97000	38.00000	-1.70000	55.72850	-1.9730	369.92	1142.9	0.0038333
154	PLOT B File_C19d_4	92.97000	39.80000	-1.70000	53.14303	-1.9730	328.18	1015.5	0.0033952
155	PLOT B File_C19d_5	94.77000	39.80000	-1.70000	51.16627	-1.9730	340.13	1011.7	0.0036640
156	PLOT B File_C19d_6	94.77000	38.00000	-1.70000	48.82829	-1.9730	246.43	720.88	0.0028183
157	PLOT B File_C19d_7	94.77000	36.20000	-1.70000	52.30079	-1.9730	397.29	1143.1	0.0044175
158	PLOT B File_C19d_8	94.77000	34.40000	-1.03000	45.65607	-1.4472	112.57	395.25	0.0010107
159	PLOT B File_C19e_1	97.73000	35.48000	-1.03000	43.49016	-1.4472	225.10	627.91	0.0026073
160	PLOT B File_C19e_2	97.73000	37.28000	-1.03000	48.99344	-1.4472	289.28	779.80	0.0034484
161	PLOT B File_C19e_3	97.73000	39.08000	-1.03000	48.61618	-1.4472	269.13	752.01	0.0032815
162	PLOT B File_C19e_4	97.73000	40.88000	-1.03000	44.29123	-1.4472	243.11	663.79	0.0028677
163	PLOT B File_C19e_5	99.53000	40.88000	-1.03000	38.00622	-1.4472	237.27	642.80	0.0028170
164	PLOT B File_C19e_6	99.53000	39.08000	-1.03000	40.91528	-1.4472	265.87	727.80	0.0031293
165	PLOT B File_C19e_7	99.53000	37.28000	-1.03000	40.43884	-1.4472	263.72	713.91	0.0031330
166	PLOT B File_C19e_8	99.53000	35.48000	-1.03000	35.68800	-1.70315	122.265	359.67	0.0016766
167	PLOT B File_C20_1	80.93000	41.79000	2.43000	50.18282	1.7315	123.43	343.32	0.0015575
168	PLOT B File_C20_2	80.93000	39.99000	2.43000	58.13946	1.7315	121.86	326.85	0.0015851
169	PLOT B File_C20_3	82.73000	39.99000	2.43000	60.83538	1.7315	121.76	325.41	0.0015886
170	PLOT B File_C20_4	82.73000	41.79000	2.43000	54.96316	1.7315	122.80	336.96	0.0015678
171	PLOT B File_C21_1	92.97000	46.78000	2.43000	43.14176	1.7315	136.93	354.77	0.0018115
172	PLOT B File_C21_2	92.97000	44.98000	2.43000	46.12195	1.7315	128.06	331.83	0.0017116
173	PLOT B File_C21_3	94.77000	44.98000	2.43000	42.15057	1.7315	150.17	359.78	0.0021220
174	PLOT B File_C21_4	94.77000	46.78000	5.10000	42.31174	4.3603	78.647	212.36	0.0010961
175	PLOT B File_C22_1	97.73000	46.78000	5.10000	39.76090	4.3603	131.45	323.80	0.0019635
176	PLOT B File_C22_2	97.73000	44.98000	5.10000	42.74846	4.3603	28.95	74.87	0.0001874
177	PLOT B File_C22_3	99.53000	44.98000	5.10000	36.99790	4.3603	107.77	264.37	0.0016146
178	PLOT B File_C22_4	99.53000	46.78000	2.43000	30.26150	1.7315	115.69	261.21	0.0016975
179	PLOT B File_C23_1	56.36000	27.06000	2.43000	28.52840	1.7315	102.62	278.66	0.0013126
180	PLOT B File_C23_2	56.36000	25.26000	2.43000	28.25115	1.7315	111.87	280.70	0.0015312
181	PLOT B File_C23_3	58.16000	25.26000	2.43000	35.03466	1.70315	110.54	279.48	0.0020477
182	PLOT B File_C23_4	58.16000	27.06000	-1.57000	29.24929	-1.8708	174.97	464.50	0.0020893
183	PLOT B File_C24_1	62.33000	24.81000	-1.57000	40.89591	-1.8708	254.31	771.26	0.0026937
184	PLOT B File_C24_2	62.33000	26.61000	-1.57000	41.13577	-1.8708	231.26	740.50	0.0023098
185	PLOT B File_C24_3	63.33000	28.22000	-1.57000	42.30793	-1.8708	222.90	712.01	0.0022324
186	PLOT B File_C24_4	65.13000	28.22000	-1.57000	45.23393	-1.8708	248.42	784.28	0.0024853
187	PLOT B File_C24_5	64.13000	24.81000	-1.57000	44.92511	-1.8708	272.24	832.08	0.0028605
188	PLOT B File_C24_6	63.33000	23.19000	-1.57000	40.57426	-1.8708	247.68	742.21	0.0026554
189	PLOT B File_C24_7	63.33000	21.39000	-1.57000	35.59224	-1.8708	194.76	588.23	0.0020715
190	PLOT B File_C24_8	63.33000	19.59000	0.30000	31.86491	-0.41003	79.359	206.65	998.34E-6
191	PLOT B File_C25_1	74.88000	20.28000	0.30000	55.73971	-0.41003	292.12	804.95	0.0035108
192	PLOT B File_C25_2	74.88000	20.28000	0.30000	45.42851	-0.41003	196.94	563.47	0.0022899
193	PLOT B File_C25_3	76.68000	20.28000	0.30000	44.90203	-0.41003	190.30	533.17	0.0022546
194	PLOT B File_C25_4	76.68000	22.08000	2.97000	54.10695	2.1933	40.664	127.59	462.19E-6
195	PLOT B File_C26_1	81.32000	24.28000	2.97000	54.78696	2.1933	77.370	202.09	0.0010409
196	PLOT B File_C26_2	82.88000	24.28000	2.97000	54.17686	2.1933	75.612	195.23	0.0010408
197	PLOT B File_C26_3	82.88000	25.18000	0.30000	53.21106	-0.41003	231.96	630.69	0.002



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
243	PLOT B Pile_C35_5	99.53000	8.25000	2.97000	30.70729	2.1933	197.18	1448.74	0.0029160
244	PLOT B Pile_C35_6	99.53000	10.05000	0.00000	23.25563	-0.64326	145.43	316.51	0.0020476
245	PLOT C_C1_Pile1	105.13000	51.57000	3.40000	20.58173	2.5601	75.544	192.01	0.0010480
246	PLOT C_C1_Pile2	105.78000	49.89000	3.40000	19.94401	2.5601	69.305	177.69	955.32E-6
247	PLOT C_C1_Pile3	107.46000	50.53000	3.40000	19.87303	2.5601	65.441	166.36	907.78E-6
248	PLOT C_C1_Pile4	106.81000	52.21000	3.40000	20.04699	2.5601	69.719	177.58	965.73E-6
249	PLOT C_C2_Pile1	110.73000	53.72000	-0.60000	23.05960	-1.1110	163.60	437.53	0.0019795
250	PLOT C_C2_Pile2	111.38000	52.04000	-0.60000	23.84493	-1.1110	159.39	437.52	0.0018876
251	PLOT C_C2_Pile3	113.06000	52.68000	-0.60000	24.89048	-1.1110	156.95	450.34	0.0017878
252	PLOT C_C2_Pile4	112.41000	54.36000	-0.60000	23.93644	-1.1110	160.98	449.08	0.0018803
253	PLOT C_C3_Pile1	116.33000	55.87000	-0.60000	24.74285	-1.1110	157.13	442.05	0.0018218
254	PLOT C_C3_Pile2	116.98000	54.19000	-0.60000	25.84514	-1.1110	152.90	441.94	0.0017300
255	PLOT C_C3_Pile3	118.66000	54.83000	-0.60000	26.40742	-1.1110	152.44	439.30	0.0017294
256	PLOT C_C3_Pile4	118.01000	56.51000	-0.60000	25.19474	-1.1110	156.24	437.90	0.0018176
257	PLOT C_C4_Pile1	121.94000	58.02000	-0.60000	29.43294	-1.1110	155.52	428.88	0.0018347
258	PLOT C_C4_Pile2	122.58000	56.34000	-0.60000	31.45221	-1.1110	151.50	428.08	0.0017498
259	PLOT C_C4_Pile3	124.26000	56.98000	-0.60000	35.21767	-1.1110	148.87	404.54	0.0017780
260	PLOT C_C4_Pile4	123.62000	58.66000	-0.60000	31.16362	-1.1110	152.76	405.43	0.0018597
261	PLOT C_C5_Pile1	133.14000	62.32000	-0.60000	31.80891	-1.1110	152.17	402.39	0.0018579
262	PLOT C_C5_Pile2	133.78000	60.64000	-0.60000	36.19815	-1.1110	148.43	401.35	0.0017802
263	PLOT C_C5_Pile3	135.46000	61.28000	-0.60000	33.06201	-1.1110	151.08	424.29	0.0017544
264	PLOT C_C5_Pile4	134.82000	62.96000	-0.60000	29.53195	-1.1110	154.66	442.22	0.0018328
265	PLOT C_C6_Pile1	138.74000	64.47000	-0.60000	28.71059	-1.1110	156.48	432.09	0.0018438
266	PLOT C_C6_Pile2	139.38000	62.79000	-0.60000	30.23515	-1.1110	151.74	427.78	0.0017562
267	PLOT C_C6_Pile3	141.07000	63.43000	-0.60000	32.82229	-1.1110	150.53	410.00	0.0017944
268	PLOT C_C6_Pile4	140.42000	65.11000	-0.60000	31.30184	-1.1110	157.30	418.68	0.0019107
269	PLOT C_C7_Pile1	142.58000	71.21000	2.07000	30.21129	1.4228	190.56	418.02	0.0028202
270	PLOT C_C7_Pile2	143.22000	69.53000	2.07000	33.95583	1.4228	175.57	399.03	0.0025442
271	PLOT C_C7_Pile3	144.90000	70.18000	2.07000	34.63495	1.4228	175.74	399.29	0.0025473
272	PLOT C_C7_Pile4	144.26000	71.86000	2.07000	30.30948	1.4228	189.95	416.94	0.0028101
273	PLOT C_C8_Pile1	150.98000	74.44000	-0.60000	27.59110	-1.1110	174.46	446.03	0.0021858
274	PLOT C_C8_Pile2	151.62000	72.76000	-0.60000	32.16835	-1.1110	208.20	542.29	0.0025720
275	PLOT C_C8_Pile3	153.30000	73.40000	-0.60000	31.02231	-1.1110	174.56	475.53	0.0020805
276	PLOT C_C8_Pile4	152.66000	75.08000	-0.60000	27.90052	-1.1110	174.54	451.55	0.0021674
277	PLOT C_C9_Pile1	156.58000	76.59000	-0.60000	27.40622	-1.1110	173.43	445.84	0.0021640
278	PLOT C_C9_Pile2	157.23000	74.91000	-0.60000	29.83097	-1.1110	164.00	438.56	0.0019845
279	PLOT C_C9_Pile3	158.91000	75.55000	-0.60000	29.59962	-1.1110	164.29	444.40	0.0019695
280	PLOT C_C9_Pile4	158.26000	77.24000	-0.60000	27.05231	-1.1110	173.00	445.27	0.0021566
281	PLOT C_C10_Pile1	162.18000	78.74000	-0.60000	25.46252	-1.1110	174.20	457.38	0.0021387
282	PLOT C_C10_Pile2	162.83000	77.06000	-0.60000	30.14653	-1.1110	231.19	596.18	0.0028778
283	PLOT C_C10_Pile3	164.51000	77.70000	-0.60000	27.41109	-1.1110	228.92	571.56	0.0029179
284	PLOT C_C10_Pile4	163.86000	79.39000	-0.60000	23.00890	-1.1110	170.50	431.04	0.0021537
285	PLOT C_C11_Pile1	107.82000	44.57000	3.40000	18.74025	2.5601	62.009	150.30	889.57E-6
286	PLOT C_C11_Pile2	108.46000	42.88000	3.40000	18.37090	2.5601	60.910	143.94	888.65E-6
287	PLOT C_C11_Pile3	110.14000	43.53000	3.40000	19.80844	2.5601	60.276	140.52	887.11E-6
288	PLOT C_C11_Pile4	109.50000	45.21000	3.40000	19.68300	2.5601	60.767	145.35	879.35E-6
289	PLOT C_C12_Pile1	113.42000	46.72000	-0.60000	27.88599	-1.1110	200.31	545.43	0.0023884
290	PLOT C_C12_Pile2	114.07000	45.04000	-0.60000	31.15066	-1.1110	269.32	701.54	0.0033269
291	PLOT C_C12_Pile3	115.75000	45.68000	-0.60000	32.35392	-1.1110	265.78	712.91	0.0032082
292	PLOT C_C12_Pile4	115.10000	47.36000	-0.60000	29.08370	-1.1110	196.53	555.83	0.0022681
293	PLOT C_C13_Pile1	119.02000	48.87000	-0.60000	27.22178	-1.1110	147.60	439.96	0.0016214
294	PLOT C_C13_Pile2	119.67000	47.19000	-0.60000	27.28556	-1.1110	147.67	444.27	0.0016072
295	PLOT C_C13_Pile3	121.35000	47.83000	-0.60000	26.77457	-1.1110	146.25	428.00	0.0016354
296	PLOT C_C13_Pile4	120.70000	49.51000	-0.60000	27.23130	-1.1110	146.83	431.22	0.0016363
297	PLOT C_C14_Pile1	124.62000	51.02000	-0.60000	31.46254	-1.1110	146.38	418.97	0.0016711
298	PLOT C_C14_Pile2	125.27000	49.34000	-0.60000	28.15168	-1.1110	145.49	411.82	0.0016778
299	PLOT C_C14_Pile3	126.95000	49.98000	-0.60000	30.74308	-1.1110	142.92	388.28	0.0017074
300	PLOT C_C14_Pile4	126.30000	51.66000	-0.60000	34.90729	-1.1110	143.66	394.51	0.0017009
301	PLOT C_C15_Pile1	135.83000	55.32000	-0.60000	39.35358	-1.1110	143.40	390.91	0.0017083
302	PLOT C_C15_Pile2	136.47000	53.64000	-0.60000	35.51680	-1.1110	142.74	386.17	0.0017133
303	PLOT C_C15_Pile3	138.15000	54.28000	-0.60000	32.65065	-1.1110	145.35	407.98	0.0016886
304	PLOT C_C15_Pile4	137.51000	55.96000	-0.60000	33.95900	-1.1110	145.86	412.65	0.0016827
305	PLOT C_C16_Pile1	141.43000	57.47000	-0.60000	31.78638	-1.1110	146.07	414.26	0.0016816
306	PLOT C_C16_Pile2	142.07000	55.79000	-0.60000	31.10262	-1.1110	145.20	407.95	0.0016855
307	PLOT C_C16_Pile3	143.75000	56.43000	-0.60000	35.15426	-1.1110	142.83	389.28	0.0017017
308	PLOT C_C16_Pile4	143.11000	58.11000	-0.60000	35.88229	-1.1110	143.52	392.96	0.0017033
309	PLOT C_C17_Pile1	145.76000	60.41000	-3.27000	39.58891	-4.5892	269.01	641.92	0.0030352
310	PLOT C_C17_Pile2	146.40000	58.73000	-3.27000	40.76418	-4.5892	313.16	720.79	0.0036160
311	PLOT C_C17_Pile3	147.05000	57.05000	-3.27000	39.35029	-4.5892	292.35	681.70	0.0033482
312	PLOT C_C17_Pile4	148.73000	57.70000	-3.27000	42.08901	-4.5892	223.34	445.21	0.0037034
313	PLOT C_C17_Pile5	148.08000	59.38000	-3.27000	42.98885	-4.5892	335.64	774.37	0.0038698
314	PLOT C_C17_Pile6	147.44000	61.06000	-3.27000	41.89141	-4.5892	286.82	684.45	0.0032360
315	PLOT C_C17_Pile7	149.12000	61.70000	-3.27000	40.02074	-4.5892	247.41	613.34	0.0027198
316	PLOT C_C17_Pile8	149.76000	60.02000	-3.27000	41.59847	-4.5892	296.16	706.84	0.0033411
317	PLOT C_C17_Pile9	150.41000	58.34000	-3.27000	41.61887	-4.5892	305.45	718.63	0.0034782
318	PLOT C_C18_Pile1	143.86000	66.83000	-5.93000	27.22934	-7.1009	231.56	564.46	0.0022125
319	PLOT C_C18_Pile2	144.77000	64.46000	-5.93000	30.70550	-7.1009	262.02	630.33	0.0025261
320	PLOT C_C18_Pile3	147.15000	65.37000	-5.93000	31.52827	-7.1009			



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
384	Plot C_C33_Pile2	122.89000	39.78000	-0.60000	31.12248	-1.1110	283.46	726.27	0.0015457
385	Plot C_C33_Pile3	124.57000	39.43000	-0.60000	30.80361	-1.1110	283.27	723.74	0.0035507
386	Plot C_C33_Pile4	123.93000	41.11000	-0.60000	31.24964	-1.1110	283.31	728.36	0.0035347
387	Plot C_C34_Pile1	122.25000	40.46000	-0.60000	31.64146	-1.1110	283.65	733.27	0.0035242
388	Plot C_C34_Pile2	122.89000	39.78000	-0.60000	31.12248	-1.1110	283.46	726.27	0.0035457
389	Plot C_C34_Pile3	124.57000	39.43000	-0.60000	30.80361	-1.1110	283.27	723.74	0.0035507
390	Plot C_C34_Pile4	123.93000	41.11000	-0.60000	31.24964	-1.1110	283.31	728.36	0.0035347
391	Plot C_C35_Pile1	114.49000	43.91000	-0.60000	30.82022	-1.1110	265.52	693.30	0.0032740
392	Plot C_C35_Pile2	115.14000	42.23000	-0.60000	26.82082	-1.1110	192.98	525.73	0.0023001
393	Plot C_C35_Pile3	116.82000	42.88000	-0.60000	27.84629	-1.1110	193.68	533.92	0.0022855
394	Plot C_C35_Pile4	116.18000	44.56000	-0.60000	31.99180	-1.1110	265.52	706.26	0.0032288
395	Plot C_C36_Pile1	111.19000	35.79000	-0.60000	21.12753	-1.1110	152.07	410.43	0.0018264
396	Plot C_C36_Pile2	111.83000	34.11000	-0.60000	20.70747	-1.1110	152.66	408.98	0.0018445
397	Plot C_C36_Pile3	113.51000	34.75000	-0.60000	20.75303	-1.1110	148.52	401.90	0.0017800
398	Plot C_C36_Pile4	112.87000	36.43000	-0.60000	21.21015	-1.1110	148.07	405.12	0.0017584
399	Plot C_C37_Pile1	103.58000	33.64000	-0.60000	18.80614	-1.1110	63.231	142.65	0.0014706
400	Plot C_C37_Pile2	106.23000	31.96000	-0.60000	17.62909	-1.1110	63.485	143.46	0.0015786
401	Plot C_C37_Pile3	107.91000	32.60000	-0.60000	17.55331	-1.1110	61.618	140.32	0.0015926
402	Plot C_C37_Pile4	107.26000	34.28000	-0.60000	18.28556	-1.1110	61.608	140.03	0.0015926
403	Plot C_C38_Pile1	103.06000	23.46000	-0.60000	22.23806	-1.1110	68.339	151.33	0.0010378
404	Plot C_C38_Pile2	103.71000	21.78000	-0.60000	19.70376	-1.1110	66.350	142.92	0.0010378
405	Plot C_C38_Pile3	105.39000	22.43000	-0.60000	17.20527	-1.1110	64.411	151.91	0.0010378
406	Plot C_C38_Pile4	104.74000	24.11000	-0.60000	18.51221	-1.1110	66.523	153.07	0.0010378
407	Plot C_C39_Pile1	108.67000	25.61000	-0.60000	15.28684	-1.1110	64.635	150.99	0.0010378
408	Plot C_C39_Pile2	109.31000	23.93000	-0.60000	14.74039	-1.1110	62.624	150.00	0.0010378
409	Plot C_C39_Pile3	110.91000	24.57000	-0.60000	14.50461	-1.1110	64.426	149.26	0.0010378
410	Plot C_C39_Pile4	110.35000	26.26000	-0.60000	14.93748	-1.1110	64.473	149.53	0.0010378
411	Plot C_C40_Pile1	114.27000	27.76000	-0.60000	15.79655	-1.1110	64.532	144.94	0.0010378
412	Plot C_C40_Pile2	114.91000	26.08000	-0.60000	15.64077	-1.1110	63.831	145.64	0.0010378
413	Plot C_C40_Pile3	116.59000	26.72000	-0.60000	18.32346	-1.1110	63.864	140.09	0.0010378
414	Plot C_C40_Pile4	115.85000	28.41000	-0.60000	18.04400	-1.1110	63.632	138.50	0.0010378
415	Plot C_C41_Pile1	119.87000	29.91000	-0.60000	20.39339	-1.1110	149.03	442.46	0.0012628
416	Plot C_C41_Pile2	120.52000	28.23000	-0.60000	21.13052	-1.1110	150.39	458.25	0.0012628
417	Plot C_C41_Pile3	122.20000	28.88000	-0.60000	23.87012	-1.1110	186.62	537.11	0.0016287
418	Plot C_C41_Pile4	121.55000	30.56000	-0.60000	22.87967	-1.1110	182.99	516.37	0.0016287
419	Plot C_C42_Pile1	125.47000	33.06000	-0.60000	23.55649	-1.1110	185.98	522.60	0.0016586
420	Plot C_C42_Pile2	126.12000	30.38000	-0.60000	24.39827	-1.1110	180.44	535.59	0.0015292
421	Plot C_C42_Pile3	127.80000	31.03000	-0.60000	22.26063	-1.1110	143.03	460.35	0.0011122
422	Plot C_C42_Pile4	127.15000	32.71000	-0.60000	21.27274	-1.1110	145.84	444.47	0.0012036
423	Plot C_C43_Pile1	142.28000	31.51000	-0.60000	22.15662	-1.1110	141.23	440.17	0.0010378
424	Plot C_C43_Pile2	142.82000	36.83000	-0.60000	23.23567	-1.1110	140.42	459.48	0.0010707
425	Plot C_C43_Pile3	144.60000	37.48000	-0.60000	25.90208	-1.1110	178.94	537.10	0.0014998
426	Plot C_C43_Pile4	143.96000	39.16000	-0.60000	24.78869	-1.1110	177.30	516.20	0.0015308
427	Plot C_C44_Pile1	147.88000	40.66000	-0.60000	26.79292	-1.1110	183.22	547.38	0.0015430
428	Plot C_C44_Pile2	148.52000	39.98000	-0.60000	27.56811	-1.1110	179.10	560.06	0.0014680
429	Plot C_C44_Pile3	150.20000	39.63000	-0.60000	27.95201	-1.1110	181.46	564.37	0.0014680
430	Plot C_C44_Pile4	149.56000	41.31000	-0.60000	27.06746	-1.1110	180.15	547.88	0.0014901
431	Plot C_C45_Pile1	153.48000	42.81000	-0.60000	27.25787	-1.1110	180.94	547.87	0.0015033
432	Plot C_C45_Pile2	154.12000	41.13000	-0.60000	27.88495	-1.1110	176.85	558.61	0.0014047
433	Plot C_C45_Pile3	155.80000	43.46000	-0.60000	25.34147	-1.1110	159.49	499.82	0.0010378
434	Plot C_C45_Pile4	155.16000	43.46000	-0.60000	26.09102	-1.1110	156.40	511.93	0.0011922
435	Plot C_C46_Pile1	159.79000	45.24000	-0.60000	23.57561	-1.1110	150.51	473.38	0.0012012
436	Plot C_C46_Pile2	160.44000	43.56000	-0.60000	24.31093	-1.1110	151.83	490.11	0.0011765
437	Plot C_C46_Pile3	162.12000	44.20000	-0.60000	22.50472	-1.1110	138.16	450.20	0.0010588
438	Plot C_C46_Pile4	161.48000	45.88000	-0.60000	23.67338	-1.1110	134.33	429.82	0.0010378
439	Plot C_C47_Pile1	167.56000	45.62000	-0.60000	17.85759	-1.1110	132.35	389.51	0.0011311
440	Plot C_C47_Pile2	167.56000	43.82000	-0.60000	18.99143	-1.1110	135.93	411.05	0.0011309
441	Plot C_C47_Pile3	169.36000	43.82000	-0.60000	17.09314	-1.1110	131.78	380.15	0.0011476
442	Plot C_C47_Pile4	169.36000	45.62000	-0.60000	16.04176	-1.1110	128.03	359.59	0.0011422
443	Plot C_C48_Pile1	167.56000	38.12000	-0.60000	18.12000	-1.1110	137.38	419.82	0.0010378
444	Plot C_C48_Pile2	167.56000	36.32000	-0.60000	20.65014	-1.1110	138.20	419.51	0.0011453
445	Plot C_C48_Pile3	169.36000	36.32000	-0.60000	18.75065	-1.1110	135.74	390.32	0.0011856
446	Plot C_C48_Pile4	169.36000	38.12000	-0.60000	18.51281	-1.1110	134.50	389.53	0.0011670
447	Plot C_C49_Pile1	160.06000	38.12000	-0.60000	29.12270	-1.1110	217.26	620.61	0.0019093
448	Plot C_C49_Pile2	160.06000	36.32000	-0.60000	26.32000	-1.1110	207.74	645.00	0.0021823
449	Plot C_C49_Pile3	161.86000	36.32000	-0.60000	26.93355	-1.1110	188.00	551.17	0.0016125
450	Plot C_C49_Pile4	161.86000	38.12000	-0.60000	26.24970	-1.1110	172.66	530.90	0.0014118
451	Plot C_C50_Pile1	156.17000	35.81000	-0.60000	30.74394	-1.1110	218.81	636.82	0.0018898
452	Plot C_C50_Pile2	156.81000	34.13000	-0.60000	30.27777	-1.1110	208.48	620.72	0.0017617
453	Plot C_C50_Pile3	158.49000	34.78000	-0.60000	31.63739	-1.1110	231.72	649.21	0.0020718
454	Plot C_C50_Pile4	157.85000	36.46000	-0.60000	31.13075	-1.1110	238.33	666.91	0.0021332
455	Plot C_C51_Pile1	150.57000	33.66000	-0.60000	28.84678	-1.1110	176.54	560.77	0.0013935
456	Plot C_C51_Pile2	151.21000	31.98000	-0.60000	28.98004	-1.1110	173.96	559.12	0.0013548
457	Plot C_C51_Pile3	152.89000	32.63000	-0.60000	29.13017	-1.1110	176.65	561.62	0.0013929
458	Plot C_C51_Pile4	152.25000	34.35000	-0.60000	28.91983	-1.1110	174.18	559.29	0.0013548
459	Plot C_C52_Pile1	144.96000	31.51000	-0.60000	27.80533	-1.1110	176.52	553.32	0.0014140
460	Plot C_C52_Pile2	145.61000	29.83000	-0.60000	28.48166	-1.1110	174.67	559.71	0.0013651
461	Plot C_C52_Pile3	147.29000	30.48000	-0.60000	28.77705	-1.1110	177.05	562.41	0.0013975
462	Plot C_C52_Pile4	146.64000	32.16000	-0.60000	28.15849	-1.1110	173.92	555.41	0.0013645
463	Plot C_C53_Pile1	139.36000	26.14000	-0.60000	26.14131	-1.1110	172.98	546.90	0.0010378
464	Plot C_C53_Pile2	140.01000	27.68000	-0.60000	27.90241	-1.1110	177.70	559.10	0.0014177
465	Plot C_C53_Pile3	141.69000	28.32000	-0.60000	28.09841	-1.1110	179.19	560.89	0.0014376
466	Plot C_C53_Pile4	141.04000	30.01000	-0.60000	26.37374	-1.1110	169.77	527.36	0.0013732
467	Plot C_C54_Pile1	133.76000	27.21000	-0.60000	26.19502	-1.1110	173.57	531.12	0.0014266
468	Plot C_C54_Pile2	134.41000	25.53000	-0.60000	27.74920	-1.1110	176.52	559.29	0.0014014
469	Plot C_C54_Pile3	136.09000	26.17000	-0.60000	27.86329	-1.1110	180.31	560.91	0.0014563
470	Plot C_C54_Pile4	135.44000	27.86000	-0.60000	25.88314	-1.1110	170.09	523.46	0.0013895
471	Plot C_C55_Pile1	128.16000	25.06000	-0.60000	26.82970	-1.1110	180.17	556.57	0.0014662
472	Plot C_C55_Pile2	128.80000	23.38000	-0.60000	27.33035	-1.1110	177.29	556.95	0.0014168
473	Plot C_C55_Pile3	130.49000	24.02000	-0.60000	27.76172	-1.1110	179.15	561.59	0.0014349
474	Plot C_C55_Pile4	129.84000	25.70000	-0.60000	26.81393	-1.1110	176.12	551.27	0.0014130
475	Plot C_C56_Pile1	122.56000	22.91000	-0.60000	21.69676	-1.1110	145.82	448.76	0.0011914
476	Plot C_C56_Pile2	123.20000	21.23000	-0.60000	21.63294	-1.1110	143.05	438.98	0.0011722
477	Plot C_C56_Pile3	124.88000	21.87000	-0.60000	24.84932	-1.1110	178.48	521.68	0.0015354
478	Plot C_C56_Pile4	124.24000	23.51000	-0.60000	24.73944	-1.1110	179.19	529.09	0.0015565
479	Plot C_C57_Pile1	116.95000	20.76000	-0.60000	15.05633	-1.1110	59.839	141.85	0.0012766
480	Plot C_C57_Pile2	117.60000	19.0800						



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	dz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
525	Plot C_C68_Pile3	155.58000	25.62000	-5.27000	25.74384	-6.3729	195.29	588.10	0.0016315
526	Plot C_C68_Pile4	154.93000	27.30000	-5.27000	29.33530	-6.3729	179.68	570.27	0.0014196
527	Plot C_C69_Pile1	158.85000	28.81000	-5.27000	28.14347	-6.3729	178.48	550.64	0.0014543
528	Plot C_C69_Pile2	159.50000	27.13000	-5.27000	29.12140	-6.3729	209.77	597.11	0.0018493
529	Plot C_C69_Pile3	161.18000	27.77000	-5.27000	26.14344	-6.3729	158.42	501.25	0.0012560
530	Plot C_C70_Pile1	160.54000	29.45000	-5.27000	25.62725	-6.3729	139.08	471.93	0.0010136
531	Plot C_C70_Pile2	167.56000	30.62000	-5.27000	20.78070	-6.3729	137.98	408.01	0.0011737
532	Plot C_C70_Pile3	167.56000	28.82000	-5.27000	21.00185	-6.3729	139.14	411.57	0.0011833
533	Plot C_C70_Pile4	169.36000	28.82000	-5.27000	19.45672	-6.3729	140.63	393.34	0.0012591
534	Plot C_C70_Pile5	169.36000	30.62000	-5.27000	19.26601	-6.3729	139.58	391.52	0.0012467
535	Plot C_C71_Pile1	167.56000	23.12000	-5.27000	21.81031	-6.3729	144.10	423.78	0.0012155
536	Plot C_C71_Pile2	167.56000	21.32000	-5.27000	21.91358	-6.3729	144.50	431.02	0.0012188
537	Plot C_C71_Pile3	169.36000	21.32000	-5.27000	20.15087	-6.3729	143.36	401.55	0.0012820
538	Plot C_C71_Pile4	169.36000	23.12000	-5.27000	20.03158	-6.3729	142.96	400.35	0.0012787
539	Plot C_C72_Pile1	160.06000	23.12000	-5.27000	27.85411	-6.3729	188.09	554.48	0.0016048
540	Plot C_C72_Pile2	160.06000	21.32000	-5.27000	26.35131	-6.3729	158.50	494.89	0.0012751
541	Plot C_C72_Pile3	161.86000	21.32000	-5.27000	25.33831	-6.3729	148.05	479.29	0.0011434
542	Plot C_C72_Pile4	161.86000	23.12000	-5.27000	26.31178	-6.3729	168.59	515.99	0.0013853
543	Plot C_C73_Pile1	131.93000	15.24000	-5.27000	33.83055	-6.3729	287.54	776.53	0.0026522
544	Plot C_C73_Pile2	132.58000	13.56000	-5.27000	30.98181	-6.3729	237.46	687.14	0.0020627
545	Plot C_C73_Pile3	134.26000	14.20000	-5.27000	30.79701	-6.3729	229.97	661.23	0.0019920
546	Plot C_C73_Pile4	133.61000	15.88000	-5.27000	33.91010	-6.3729	281.39	767.26	0.0025749
547	Plot C_C74_Pile1	120.67000	10.39000	3.40000	15.88448	2.5601	83.019	189.04	0.0012399
548	Plot C_C74_Pile2	121.32000	8.71000	3.40000	14.28002	2.5601	60.203	143.29	874.25E-6
549	Plot C_C74_Pile3	123.00000	9.36000	3.40000	16.76590	2.5601	60.278	141.16	884.61E-6
550	Plot C_C74_Pile4	122.35000	11.04000	3.40000	18.92513	2.5601	77.919	181.39	0.0013396
551	Plot C_C75_Pile1	110.91000	6.25000	3.40000	10.27856	2.5601	60.297	142.49	879.71E-6
552	Plot C_C75_Pile2	111.56000	4.57000	3.40000	9.44529	2.5601	60.242	138.47	894.53E-6
553	Plot C_C75_Pile3	113.24000	5.21000	3.40000	9.67923	2.5601	59.629	137.99	881.70E-6
554	Plot C_C75_Pile4	112.59000	6.88000	3.40000	10.29577	2.5601	59.839	140.34	877.33E-6
555	Plot C_C76_Pile1	117.86000	3.44000	3.40000	10.16026	2.5601	49.229	134.41	886.43E-6
556	Plot C_C76_Pile2	118.51000	1.76000	3.40000	9.96366	2.5601	59.382	132.18	899.06E-6
557	Plot C_C76_Pile3	120.19000	2.40000	3.40000	11.81416	2.5601	59.129	132.87	890.21E-6
558	Plot C_C76_Pile4	119.54000	4.09000	3.40000	11.31545	2.5601	59.088	134.28	883.57E-6
559	Plot C_C77_Pile1	128.07000	9.62000	-5.27000	22.98117	-6.3729	172.42	490.48	0.0015201
560	Plot C_C77_Pile2	128.07000	7.82000	-5.27000	20.07548	-6.3729	163.75	408.77	0.0011601
561	Plot C_C77_Pile3	129.87000	7.82000	-5.27000	20.85662	-6.3729	135.18	415.80	0.0011049
562	Plot C_C77_Pile4	129.87000	9.62000	-5.27000	23.84409	-6.3729	165.45	498.65	0.0013811
563	Plot C_C78_Pile1	137.05000	9.89000	-5.27000	22.78947	-6.3729	141.55	446.63	0.0011258
564	Plot C_C78_Pile2	136.23000	8.22000	-5.27000	21.15082	-6.3729	131.74	417.14	0.0011048
565	Plot C_C78_Pile3	138.74000	7.55000	-5.27000	21.00439	-6.3729	131.32	407.53	0.0010634
566	Plot C_C78_Pile4	138.72000	9.22000	-5.27000	21.47428	-6.3729	132.31	412.87	0.0010650
567	Plot C_C79_Pile1	160.06000	15.62000	-5.27000	25.54279	-6.3729	161.13	487.23	0.0013406
568	Plot C_C79_Pile2	160.06000	13.82000	-5.27000	26.35666	-6.3729	186.66	530.18	0.0016487
569	Plot C_C79_Pile3	161.86000	13.82000	-5.27000	26.31281	-6.3729	181.56	532.11	0.0016317
570	Plot C_C79_Pile4	161.86000	15.62000	-5.27000	25.11203	-6.3729	150.46	482.56	0.0011747
571	Plot C_C80_Pile1	167.56000	15.62000	-5.27000	22.32975	-6.3729	145.33	435.89	0.0012191
572	Plot C_C80_Pile2	167.56000	13.82000	-5.27000	22.63167	-6.3729	145.95	440.95	0.0012153
573	Plot C_C80_Pile3	169.36000	13.82000	-5.27000	20.87277	-6.3729	144.53	409.33	0.0012799
574	Plot C_C80_Pile4	169.36000	15.62000	-5.27000	20.59516	-6.3729	144.12	409.00	0.0012802
575	Plot C_C81_Pile1	167.56000	8.15000	-5.27000	26.88217	-6.3729	219.37	592.34	0.0020236
576	Plot C_C81_Pile2	167.56000	6.35000	-5.27000	28.37252	-6.3729	257.59	650.90	0.0025010
577	Plot C_C81_Pile3	169.36000	6.35000	-5.27000	27.02264	-6.3729	257.73	628.94	0.0025648
578	Plot C_C81_Pile4	169.36000	8.14000	-5.27000	25.33894	-6.3729	218.37	564.31	0.0020852
579	Plot C_C82_Pile1	160.06000	7.82000	-5.27000	26.05012	-6.3729	186.54	526.48	0.0015398
580	Plot C_C82_Pile2	160.06000	7.82000	-5.27000	24.57436	-6.3729	158.36	465.27	0.0013555
581	Plot C_C82_Pile3	161.86000	7.82000	-5.27000	24.56379	-6.3729	148.67	469.52	0.0011812
582	Plot C_C82_Pile4	161.86000	9.62000	-5.27000	26.14727	-6.3729	180.88	528.51	0.0015564
583	Plot C_C83_Pile1	124.82000	0.63000	-5.27000	15.18609	-6.3729	137.76	355.29	0.0013175
584	Plot C_C83_Pile2	125.46000	-0.30000	-5.27000	15.05050	-6.3729	136.29	342.60	0.0013004
585	Plot C_C83_Pile3	127.14000	-0.40000	-5.27000	16.33012	-6.3729	139.33	376.39	0.0012849
586	Plot C_C83_Pile4	126.50000	1.28000	-5.27000	16.48986	-6.3729	137.74	370.69	0.0012740
587	Plot C_C84_Pile1	124.82000	0.63000	3.40000	19.55334	2.5601	59.277	130.32	903.99E-6
588	Plot C_C84_Pile2	125.46000	-1.05000	3.40000	19.09830	2.5601	59.238	128.49	910.40E-6
589	Plot C_C84_Pile3	127.14000	-0.30000	3.40000	20.16164	2.5601	59.201	127.60	913.17E-6
590	Plot C_C84_Pile4	126.50000	1.28000	3.40000	20.70075	2.5601	58.904	127.85	904.93E-6
591	Plot C_C85_Pile1	132.92000	-1.69000	-5.27000	17.78689	-6.3729	133.12	381.71	0.0011657
592	Plot C_C85_Pile2	132.24000	-3.36000	-5.27000	16.84952	-6.3729	133.80	374.56	0.0011972
593	Plot C_C85_Pile3	133.91000	-4.03000	-5.27000	17.68638	-6.3729	141.62	395.81	0.0012690
594	Plot C_C85_Pile4	134.59000	-2.36000	-5.27000	16.76527	-6.3729	142.68	407.62	0.0012586
595	Plot C_C86_Pile1	142.21000	2.65000	-5.27000	23.97162	-6.3729	170.50	469.02	0.0015487
596	Plot C_C86_Pile2	141.54000	0.98000	-5.27000	23.48431	-6.3729	160.46	464.24	0.0013936
597	Plot C_C86_Pile3	143.21000	0.30000	-5.27000	25.59718	-6.3729	184.71	509.98	0.0016724
598	Plot C_C86_Pile4	143.88000	1.97000	-5.27000	26.41411	-6.3729	202.59	520.90	0.0019419
599	Plot C_C87_Pile1	167.56000	3.32000	-5.27000	26.01579	-6.3729	156.32	434.76	0.0012077
600	Plot C_C87_Pile2	167.56000	3.32000	-5.27000	26.03219	-6.3729	215.46	568.95	0.0020235
601	Plot C_C87_Pile3	169.36000	3.32000	-5.27000	24.95592	-6.3729	217.76	556.91	0.0020956
602	Plot C_C87_Pile4	169.36000	5.12000	-5.27000	26.91889	-6.3729	257.65	627.05	0.0025688
603	Plot C_C88_Pile1	167.56000	-2.38000	-5.27000	21.91572	-6.3729	145.45	426.43	0.0012476
604	Plot C_C88_Pile2	167.56000	-4.18000	-5.27000	20.76527	-6.3729	145.48	424.85	0.0012827
605	Plot C_C88_Pile3	169.36000	-4.18000	-5.27000	20.13499	-6.3729	144.21	397.10	0.0013087
606	Plot C_C88_Pile4	169.36000	-2.38000	-5.27000	20.37607	-6.3729	144.36	400.06	0.0013029
607	Plot C_C89_Pile1	160.06000	-2.38000	-5.27000	27.87453	-6.3729	220.61	586.73	0.0020601
608	Plot C_C89_Pile2	160.06000	-4.18000	-5.27000	28.83489	-6.3729	232.50	621.50	0.0021624
609	Plot C_C89_Pile3	161.86000	-4.18000	-5.27000	26.01579	-6.3729	175.48	441.96	0.0012077
610	Plot C_C89_Pile4	161.86000	-2.38000	-5.27000	25.18655	-6.3729	165.35	493.08	0.0013951
611	Plot C_C90_Pile1	156.12000	-2.97000	-5.27000	28.07558	-6.3729	201.97	569.23	0.0017964
612	Plot C_C90_Pile2	155.45000	-4.64000	-5.27000	26.91729	-6.3729	172.85	531.84	0.0014125
613	Plot C_C90_Pile3	157.11000	-5.32000	-5.27000	28.47949	-6.3729	211.94	598.87	0.0018807
614	Plot C_C90_Pile4	157.79000	-3.72000	-5.27000	25.65000	-6.3729	241.83	637.11	0.0022851
615	Plot C_C91_Pile1	149.17000	-0.16000	-5.27000	29.34478	-6.3729	225.67	567.93	0.0021975
616	Plot C_C91_Pile2	148.49000	-1.83000	-5.27000	27.57426	-6.3729	191.45	537.06	0.0017098
617	Plot C_C91_Pile3	150.16000	-2.51000	-5.27000	27.14181	-6.3729	180.63	523.85	0.0015652
618	Plot C_C91_Pile4	150.83000	-0.84000	-5.27000	28.68261	-6.3729	209.57	550.87	0.0019752
619	Plot C_C92_Pile1	139.40000	-12.27000	-5.27000	20.96717	-6.3729	150.04	443.71	0.0012364
620	Plot C_C92_Pile2	138.73000	-5.98000	-5.27000	19.26140	-6.3729	146.47	413.49	0.0013009
621	Plot C_C92_Pile3	140.40000	-6.65000	-5.27000	19.39285	-6.3729	141.09	403.55	0.00



RSK ENVIRONMENT LIMITED

Ugly Brown Building
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Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
666	Plot C_Shaft Wall C1_Pile422	160.77000	67.49000	-5.93000	37.70254	-7.1009	371.24	882.47	0.0036074
667	Plot C_Shaft Wall C2_Pile423	140.81000	20.77000	-2.60000	38.04264	-2.6830	109.89	334.58	0.0011363
668	Plot C_Shaft Wall C2_Pile424	140.81000	17.32000	-2.60000	33.59358	-2.6830	164.61	486.32	0.0017542
669	Plot C_Shaft Wall C2_Pile425	143.61000	17.17000	-2.60000	29.12988	-2.6830	110.01	341.80	0.0011135
670	Plot C_Shaft Wall C2_Pile426	149.56000	16.87000	-2.60000	29.08610	-2.6830	213.93	616.61	0.0023337
671	Plot C_Shaft Wall C2_Pile427	149.56000	19.19000	-2.60000	33.45690	-2.6830	214.03	621.40	0.0023190
672	Plot C_Shaft Wall C2_Pile428	152.46000	16.87000	-2.60000	32.32007	-2.6830	271.02	804.58	0.0028745
673	Plot C_Shaft Wall C2_Pile429	152.46000	19.49000	-2.60000	34.99484	-2.6830	276.57	814.53	0.0029562
674	Plot C_Shaft Wall C2_Pile430	155.61000	19.49000	-2.60000	30.94780	-2.6830	165.41	515.73	0.0016681
675	Plot C_Shaft Wall C2_Pile431	155.56000	16.87000	-2.60000	29.64608	-2.6830	171.19	532.23	0.0017317
676	Plot C_Shaft Wall C2_Pile432	155.56000	6.27000	-2.60000	29.70186	-2.6830	211.37	614.76	0.0022865
677	Plot C_Shaft Wall C2_Pile433	155.56000	4.24000	-2.60000	29.89751	-2.6830	172.15	548.37	0.0016953
678	Plot C_Shaft Wall C2_Pile434	152.46000	6.57000	-2.60000	32.29641	-2.6830	271.54	805.37	0.0028827
679	Plot C_Shaft Wall C2_Pile435	152.46000	4.24000	-2.60000	36.58334	-2.6830	365.13	1034.9	0.0040444
680	Plot C_Shaft Wall C2_Pile436	149.48000	6.57000	-2.60000	29.30195	-2.6830	208.89	612.28	0.0022430
681	Plot C_Shaft Wall C2_Pile437	149.48000	3.94000	-2.60000	35.60462	-2.6830	304.19	845.10	0.0034292
682	Plot C_Shaft Wall C2_Pile438	146.01000	3.94000	-2.60000	31.21814	-2.6830	162.58	488.19	0.0017049
683	Plot C_Shaft Wall C2_Pile439	146.01000	1.09000	-2.60000	33.79070	-2.6830	109.76	340.34	0.0011134
684	Plot C_Shaft Wall C2_Pile440	152.36000	0.94000	-2.60000	33.16245	-2.6830	151.26	431.29	0.0016666

Results : Consolidation : Load Centres : Circular

None

Results : Total : Load Centres : Circular

None

Results : Immediate : Load Centres : Polygonal

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Plot A Existing	31.19200	33.36831	21.70000	-0.03681	21.275	0.0	0.0	0.0
2	Plot B Existing	83.24834	33.57748	21.60000	55.40627	21.200	0.0	0.0	0.0
3	Plot C Existing	140.02722	33.38582	22.00000	20.03857	21.667	0.0	0.0	0.0

Results : Consolidation : Load Centres : Polygonal

None

Results : Total : Load Centres : Polygonal

None

Results : Immediate : Displacement Data : Lines

Ref.	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
1	Canal Side Studios_1	6.00000	14.00000	22.00000	-0.30351	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	15.94444	22.00000	-0.30548	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	17.88889	22.00000	-0.30725	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	19.83333	22.00000	-0.30880	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	21.77778	22.00000	-0.31015	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	23.72222	22.00000	-0.31129	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	25.66667	22.00000	-0.31267	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	27.61111	22.00000	-0.31297	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	29.55556	22.00000	-0.31349	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	31.50000	22.00000	-0.31381	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	33.44444	22.00000	-0.31392	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	35.38889	22.00000	-0.31380	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	37.33333	22.00000	-0.31346	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	39.27778	22.00000	-0.31289	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	41.22222	22.00000	-0.31208	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	43.16667	22.00000	-0.31102	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	45.11111	22.00000	-0.30971	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	47.05556	22.00000	-0.30814	21.667	0.0	0.0	0.0
1	Canal Side Studios_1	6.00000	49.00000	22.00000	-0.30631	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	6.00000	49.00000	22.00000	-0.30631	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	4.00000	49.00000	22.00000	-0.29544	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	2.00000	49.00000	22.00000	-0.28451	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	0.00000	49.00000	22.00000	-0.27364	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-2.00000	49.00000	22.00000	-0.26294	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-4.00000	49.00000	22.00000	-0.25248	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-6.00000	49.00000	22.00000	-0.24232	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-8.00000	49.00000	22.00000	-0.23248	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-10.00000	49.00000	22.00000	-0.22300	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-12.00000	49.00000	22.00000	-0.21388	21.667	0.0	0.0	0.0
2	Canal Side Studios_2	-14.00000	49.00000	22.00000	-0.20512	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	49.00000	22.00000	-0.20512	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	47.05556	22.00000	-0.20644	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	45.11111	22.00000	-0.20761	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	43.16667	22.00000	-0.20863	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	41.22222	22.00000	-0.20950	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	39.27778	22.00000	-0.21201	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	37.33333	22.00000	-0.21077	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	35.38889	22.00000	-0.21116	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	33.44444	22.00000	-0.21140	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	31.50000	22.00000	-0.21147	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	29.55556	22.00000	-0.21138	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	27.61111	22.00000	-0.21113	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	25.66667	22.00000	-0.21072	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	23.72222	22.00000	-0.21015	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	21.77778	22.00000	-0.20942	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	19.83333	22.00000	-0.20854	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	17.88889	22.00000	-0.20750	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	15.94444	22.00000	-0.20632	21.667	0.0	0.0	0.0
3	Canal Side Studios_3	-14.00000	14.00000	22.00000	-0.20500	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-14.00000	14.00000	22.00000	-0.20500	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-12.00000	14.00000	22.00000	-0.21368	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-10.00000	14.00000	22.00000	-0.22274	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-8.00000	14.00000	22.00000	-0.23213	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-6.00000	14.00000	22.00000	-0.24183	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-4.00000	14.00000	22.00000	-0.25182	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	-2.00000	14.00000	22.00000	-0.26204	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	0.00000	14.00000	22.00000	-0.27244	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	2.00000	14.00000	22.00000	-0.28290	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	4.00000	14.00000	22.00000	-0.29332	21.667	0.0	0.0	0.0
4	Canal Side Studios_4	6.00000	14.00000	22.00000	-0.30351	21.667	0.0	0.0	0.0
5	Beaumont Court_1	45.00000	0.00000	20.00000	0.07246	19.114	0.0	0.0	0.0
5	Beaumont Court_1	43.00000	0.11111	20.00000	-0.02087	19.114	0.0	0.0	0.0
5	Beaumont Court_1	41.00000	0.22222	20.00000	-0.09936	19.114	0.0	0.0	0.0
5	Beaumont Court_1	39.00000	0.33333	20.00000	-0.16406	19.114	0.0	0.0	0.0
5	Beaumont Court_1	37.00000	0.44444	20.00000	-0.21624	19.114	0.0	0.0	0.0
5	Beaumont Court_1	35.00000	0.55556	20.00000	-0.25733	19.114	0.0	0.0	0.0
5	Beaumont Court_1	33.00000	0.66667	20.00000	-0.28875	19.114	0.0	0.0	0.0
5	Beaumont Court_1	31.00000	0.77778	20.00000	-0.31191	19.114	0.0	0.0	0.0
5	Beaumont Court_1	29.00000	0.88889	20.00000	-0.32809	19.114	0.0	0.0	0.0
5	Beaumont Court_1	27.00000	1.00000	20.00000	-0.33848	19.114	0.0	0.0	0.0
6	Beaumont Court_2	27.00000	1.00000	20.00000	-0.33848	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.83333	-0.83333	20.00000	-0.34461	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.66667	-2.66667	20.00000	-0.34887	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.50000	-4.50000	20.00000	-0.35138	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.33333	-6.33333	20.00000	-0.35228	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.16667	-8.16667	20.00000	-0.35175	19.114	0.0	0.0	0.0
6	Beaumont Court_2	26.00000	-10.00000	20.00000	-0.34993	19.114	0.0	0.0	0.0
7	Beaumont Court_3	26.00000	-10.00000	20.00000	-0.34993	19.114	0.0	0.0	0.0



Ugly Brown Building
Drained
Plot B & C - Proposed

RSK ENVIRONMENT
LIMITED

Job No. Sheet No. Rev.

371459

Drg. Ref.

Made by
MK

Date

Checked

Ref.	Name	x	y	z	dz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
7	Beaumont Court_3	27.75000	-10.00000	20.00000	-0.35442	19.114	0.0	0.0	0.0
7	Beaumont Court_3	29.50000	-10.00000	20.00000	-0.35773	19.114	0.0	0.0	0.0
7	Beaumont Court_3	31.25000	-10.00000	20.00000	-0.35964	19.114	0.0	0.0	0.0
7	Beaumont Court_3	33.00000	-10.00000	20.00000	-0.35994	19.114	0.0	0.0	0.0
8	Beaumont Court_4	33.00000	-10.00000	20.00000	-0.35994	19.114	0.0	0.0	0.0
8	Beaumont Court_4	32.84375	-11.96875	20.00000	-0.36311	19.114	0.0	0.0	0.0
8	Beaumont Court_4	32.68750	-13.93750	20.00000	-0.36372	19.114	0.0	0.0	0.0
8	Beaumont Court_4	32.53125	-15.90625	20.00000	-0.36220	19.114	0.0	0.0	0.0
8	Beaumont Court_4	32.37500	-17.87500	20.00000	-0.35892	19.114	0.0	0.0	0.0
8	Beaumont Court_4	32.21875	-19.84375	20.00000	-0.35421	19.114	0.0	0.0	0.0
8	Beaumont Court_4	32.06250	-21.81250	20.00000	-0.34935	19.114	0.0	0.0	0.0
8	Beaumont Court_4	31.90625	-23.78125	20.00000	-0.34159	19.114	0.0	0.0	0.0
8	Beaumont Court_4	31.75000	-25.75000	20.00000	-0.33413	19.114	0.0	0.0	0.0
8	Beaumont Court_4	31.59375	-27.71875	20.00000	-0.32615	19.114	0.0	0.0	0.0
8	Beaumont Court_4	31.43750	-29.68750	20.00000	-0.31779	19.114	0.0	0.0	0.0
8	Beaumont Court_4	31.28125	-31.65625	20.00000	-0.30919	19.114	0.0	0.0	0.0
8	Beaumont Court_4	31.12500	-33.62500	20.00000	-0.30043	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.96875	-35.59375	20.00000	-0.29161	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.81250	-37.56250	20.00000	-0.28280	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.65625	-39.53125	20.00000	-0.27405	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.50000	-41.50000	20.00000	-0.26540	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.34375	-43.46875	20.00000	-0.25689	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.18750	-45.43750	20.00000	-0.24855	19.114	0.0	0.0	0.0
8	Beaumont Court_4	30.03125	-47.40625	20.00000	-0.24040	19.114	0.0	0.0	0.0
8	Beaumont Court_4	29.87500	-49.37500	20.00000	-0.23245	19.114	0.0	0.0	0.0
8	Beaumont Court_4	29.71875	-51.34375	20.00000	-0.22473	19.114	0.0	0.0	0.0
8	Beaumont Court_4	29.56250	-53.31250	20.00000	-0.21722	19.114	0.0	0.0	0.0
8	Beaumont Court_4	29.40625	-55.28125	20.00000	-0.20995	19.114	0.0	0.0	0.0
8	Beaumont Court_4	29.25000	-57.25000	20.00000	-0.20292	19.114	0.0	0.0	0.0
8	Beaumont Court_4	29.09375	-59.21875	20.00000	-0.19611	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.93750	-61.18750	20.00000	-0.18954	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.78125	-63.15625	20.00000	-0.18319	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.62500	-65.12500	20.00000	-0.17707	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.46875	-67.09375	20.00000	-0.17117	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.31250	-69.06250	20.00000	-0.16548	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.15625	-71.03125	20.00000	-0.16000	19.114	0.0	0.0	0.0
8	Beaumont Court_4	28.00000	-73.00000	20.00000	-0.15472	19.114	0.0	0.0	0.0
9	Beaumont Court_5	28.00000	-73.00000	20.00000	-0.15472	19.114	0.0	0.0	0.0
9	Beaumont Court_5	30.00000	-73.16667	20.00000	-0.15780	19.114	0.0	0.0	0.0
9	Beaumont Court_5	32.00000	-73.33333	20.00000	-0.16087	19.114	0.0	0.0	0.0
9	Beaumont Court_5	34.00000	-73.50000	20.00000	-0.16395	19.114	0.0	0.0	0.0
9	Beaumont Court_5	36.00000	-73.66667	20.00000	-0.16703	19.114	0.0	0.0	0.0
9	Beaumont Court_5	38.00000	-73.83333	20.00000	-0.17010	19.114	0.0	0.0	0.0
9	Beaumont Court_5	40.00000	-74.00000	20.00000	-0.17316	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.00000	-74.00000	20.00000	-0.17316	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.13514	-72.00000	20.00000	-0.17948	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.27027	-70.00000	20.00000	-0.18606	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.40541	-68.00000	20.00000	-0.19290	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.54054	-66.00000	20.00000	-0.20002	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.67568	-64.00000	20.00000	-0.20742	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.81081	-62.00000	20.00000	-0.21511	19.114	0.0	0.0	0.0
10	Beaumont Court_6	40.94595	-60.00000	20.00000	-0.22309	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.08108	-58.00000	20.00000	-0.23136	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.21622	-56.00000	20.00000	-0.23992	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.35135	-54.00000	20.00000	-0.24876	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.48649	-52.00000	20.00000	-0.25788	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.62162	-50.00000	20.00000	-0.26727	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.75676	-48.00000	20.00000	-0.27689	19.114	0.0	0.0	0.0
10	Beaumont Court_6	41.89189	-46.00000	20.00000	-0.28673	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.02703	-44.00000	20.00000	-0.29674	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.16216	-42.00000	20.00000	-0.30688	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.29730	-40.00000	20.00000	-0.31706	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.43243	-38.00000	20.00000	-0.32721	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.56757	-36.00000	20.00000	-0.33722	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.70270	-34.00000	20.00000	-0.34695	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.83784	-32.00000	20.00000	-0.35622	19.114	0.0	0.0	0.0
10	Beaumont Court_6	42.97297	-30.00000	20.00000	-0.36481	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.10811	-28.00000	20.00000	-0.37245	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.24324	-26.00000	20.00000	-0.37881	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.37838	-24.00000	20.00000	-0.38347	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.51351	-22.00000	20.00000	-0.38592	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.64865	-20.00000	20.00000	-0.38551	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.78378	-18.00000	20.00000	-0.38149	19.114	0.0	0.0	0.0
10	Beaumont Court_6	43.91892	-16.00000	20.00000	-0.37288	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.05405	-14.00000	20.00000	-0.35852	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.18919	-12.00000	20.00000	-0.33697	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.32432	-10.00000	20.00000	-0.30648	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.45946	-8.00000	20.00000	-0.26492	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.59459	-6.00000	20.00000	-0.20971	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.72973	-4.00000	20.00000	-0.13771	19.114	0.0	0.0	0.0
10	Beaumont Court_6	44.86486	-2.00000	20.00000	-0.04515	19.114	0.0	0.0	0.0
10	Beaumont Court_6	45.00000	0.00000	20.00000	0.07246	19.114	0.0	0.0	0.0
11	TP No.1.1	96.00000	-16.00000	20.00000	0.07025	19.114	0.0	0.0	0.0
11	TP No.1.1	94.33333	-15.16667	20.00000	0.18054	19.114	0.0	0.0	0.0
11	TP No.1.1	92.66667	-14.33333	20.00000	0.29860	19.114	0.0	0.0	0.0
11	TP No.1.1	91.00000	-13.50000	20.00000	0.42179	19.114	0.0	0.0	0.0
11	TP No.1.1	89.33333	-12.66667	20.00000	0.54717	19.114	0.0	0.0	0.0
11	TP No.1.1	87.66667	-11.83333	20.00000	0.67190	19.114	0.0	0.0	0.0
11	TP No.1.1	86.00000	-11.00000	20.00000	0.79359	19.114	0.0	0.0	0.0
12	TP No.1.2	86.00000	-11.00000	20.00000	0.79359	19.114	0.0	0.0	0.0
12	TP No.1.2	85.16667	-12.66667	20.00000	0.46381	19.114	0.0	0.0	0.0
12	TP No.1.2	84.33333	-14.33333	20.00000	0.21446	19.114	0.0	0.0	0.0
12	TP No.1.2	83.50000	-16.00000	20.00000	0.02585	19.114	0.0	0.0	0.0
12	TP No.1.2	82.66667	-17.66667	20.00000	-0.11639	19.114	0.0	0.0	0.0
12	TP No.1.2	81.83333	-19.33333	20.00000	-0.22229	19.114	0.0	0.0	0.0
12	TP No.1.2	81.00000	-21.00000	20.00000	-0.30198	19.114	0.0	0.0	0.0
13	TP No.1.3	81.00000	-21.00000	20.00000	-0.30198	19.114	0.0	0.0	0.0
13	TP No.1.3	79.14286	-20.14286	20.00000	-0.27678	19.114	0.0	0.0	0.0
13	TP No.1.3	77.28571	-19.28571	20.00000	-0.25239	19.114	0.0	0.0	0.0
13	TP No.1.3	75.42857	-18.42857	20.00000	-0.22904	19.114	0.0	0.0	0.0
13	TP No.1.3	73.57143	-17.57143	20.00000	-0.20674	19.114	0.0	0.0	0.0
13	TP No.1.3	71.71429	-16.71429	20.00000	-0.18573	19.114	0.0	0.0	0.0
13	TP No.1.3	69.85714	-15.85714	20.00000	-0.16608	19.114	0.0	0.0	0.0
13	TP No.1.3	68.00000	-15.00000	20.00000	-0.14792	19.114	0.0	0.0	0.0
14	TP No.1.4	68.00000	-15.00000	20.00000	-0.14792	19.114	0.0	0.0	0.0
14	TP No.1.4	67.16667	-16.91667	20.00000	-0.24695	19.114	0.0	0.0	0.0
14	TP No.1.4	66.33333	-18.83333	20.00000	-0.31693	19.114	0.0	0.0	0.0
14	TP No.1.4	65.50000	-20.75000	20.00000	-0.36497	19.114	0.0	0.0	0.0
14	TP No.1.4	64.66667	-22.66667	20.00000	-0.39644	19.114	0.0	0.0	0.0
14	TP No.1.4	63.83333	-24.58333	20.00000	-0.41544	19.114	0.0	0.0	0.0



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
17	TP No.1.7	104.12500	-33.12500	20.00000	-0.54331	19.114	0.0	0.0	0.0
17	TP No.1.7	102.25000	-32.25000	20.00000	-0.53868	19.114	0.0	0.0	0.0
17	TP No.1.7	100.37500	-31.37500	20.00000	-0.53168	19.114	0.0	0.0	0.0
17	TP No.1.7	98.50000	-30.50000	20.00000	-0.52229	19.114	0.0	0.0	0.0
17	TP No.1.7	96.62500	-29.62500	20.00000	-0.51054	19.114	0.0	0.0	0.0
17	TP No.1.7	94.75000	-28.75000	20.00000	-0.49651	19.114	0.0	0.0	0.0
17	TP No.1.7	92.87500	-27.87500	20.00000	-0.48036	19.114	0.0	0.0	0.0
17	TP No.1.7	91.00000	-27.00000	20.00000	-0.46232	19.114	0.0	0.0	0.0
18	TP No.1.8	91.00000	-27.00000	20.00000	-0.46232	19.114	0.0	0.0	0.0
18	TP No.1.8	91.83333	-25.16667	20.00000	-0.43064	19.114	0.0	0.0	0.0
18	TP No.1.8	92.66667	-23.33333	20.00000	-0.38351	19.114	0.0	0.0	0.0
18	TP No.1.8	93.50000	-21.50000	20.00000	-0.31647	19.114	0.0	0.0	0.0
18	TP No.1.8	94.33333	-19.66667	20.00000	-0.22378	19.114	0.0	0.0	0.0
18	TP No.1.8	95.16667	-17.83333	20.00000	-0.09806	19.114	0.0	0.0	0.0
18	TP No.1.8	96.00000	-16.00000	20.00000	0.07025	19.114	0.0	0.0	0.0
19	TP No.2.1	148.00000	-41.00000	20.00000	-0.10231	19.114	0.0	0.0	0.0
19	TP No.2.1	146.20000	-40.15000	20.00000	-0.09648	19.114	0.0	0.0	0.0
19	TP No.2.1	144.40000	-39.30000	20.00000	-0.09532	19.114	0.0	0.0	0.0
19	TP No.2.1	142.60000	-38.45000	20.00000	-0.09893	19.114	0.0	0.0	0.0
19	TP No.2.1	140.80000	-37.60000	20.00000	-0.10725	19.114	0.0	0.0	0.0
19	TP No.2.1	139.00000	-36.75000	20.00000	-0.12035	19.114	0.0	0.0	0.0
19	TP No.2.1	137.20000	-35.90000	20.00000	-0.13781	19.114	0.0	0.0	0.0
19	TP No.2.1	135.40000	-35.05000	20.00000	-0.15939	19.114	0.0	0.0	0.0
19	TP No.2.1	133.60000	-34.20000	20.00000	-0.18459	19.114	0.0	0.0	0.0
19	TP No.2.1	131.80000	-33.35000	20.00000	-0.21278	19.114	0.0	0.0	0.0
19	TP No.2.1	130.00000	-32.50000	20.00000	-0.24311	19.114	0.0	0.0	0.0
19	TP No.2.1	128.20000	-31.65000	20.00000	-0.27456	19.114	0.0	0.0	0.0
19	TP No.2.1	126.40000	-30.80000	20.00000	-0.30601	19.114	0.0	0.0	0.0
19	TP No.2.1	124.60000	-29.95000	20.00000	-0.33627	19.114	0.0	0.0	0.0
19	TP No.2.1	122.80000	-29.10000	20.00000	-0.36425	19.114	0.0	0.0	0.0
19	TP No.2.1	121.00000	-28.25000	20.00000	-0.38954	19.114	0.0	0.0	0.0
19	TP No.2.1	119.20000	-27.40000	20.00000	-0.40948	19.114	0.0	0.0	0.0
19	TP No.2.1	117.40000	-26.55000	20.00000	-0.42512	19.114	0.0	0.0	0.0
19	TP No.2.1	115.60000	-25.70000	20.00000	-0.43520	19.114	0.0	0.0	0.0
19	TP No.2.1	113.80000	-24.85000	20.00000	-0.43904	19.114	0.0	0.0	0.0
19	TP No.1.1	112.00000	-24.00000	20.00000	-0.43596	19.114	0.0	0.0	0.0
20	TP No.2.2	112.00000	-24.00000	20.00000	-0.43596	19.114	0.0	0.0	0.0
20	TP No.2.2	111.00000	-25.80000	20.00000	-0.48300	19.114	0.0	0.0	0.0
20	TP No.2.2	110.00000	-27.60000	20.00000	-0.51438	19.114	0.0	0.0	0.0
20	TP No.2.2	109.00000	-29.40000	20.00000	-0.53375	19.114	0.0	0.0	0.0
20	TP No.2.2	108.00000	-31.20000	20.00000	-0.54388	19.114	0.0	0.0	0.0
20	TP No.2.2	107.00000	-33.00000	20.00000	-0.54690	19.114	0.0	0.0	0.0
21	TP No.2.3	107.00000	-33.00000	20.00000	-0.54690	19.114	0.0	0.0	0.0
21	TP No.2.3	108.80000	-33.85000	20.00000	-0.54717	19.114	0.0	0.0	0.0
21	TP No.2.3	110.60000	-34.70000	20.00000	-0.54528	19.114	0.0	0.0	0.0
21	TP No.2.3	112.40000	-35.55000	20.00000	-0.54139	19.114	0.0	0.0	0.0
21	TP No.2.3	114.20000	-36.40000	20.00000	-0.53571	19.114	0.0	0.0	0.0
21	TP No.2.3	116.00000	-37.25000	20.00000	-0.52843	19.114	0.0	0.0	0.0
21	TP No.2.3	117.80000	-38.10000	20.00000	-0.51978	19.114	0.0	0.0	0.0
21	TP No.2.3	119.60000	-38.95000	20.00000	-0.50989	19.114	0.0	0.0	0.0
21	TP No.2.3	121.40000	-39.80000	20.00000	-0.49928	19.114	0.0	0.0	0.0
21	TP No.2.3	123.20000	-40.65000	20.00000	-0.48791	19.114	0.0	0.0	0.0
21	TP No.2.3	125.00000	-41.50000	20.00000	-0.47612	19.114	0.0	0.0	0.0
21	TP No.2.3	126.80000	-42.35000	20.00000	-0.46413	19.114	0.0	0.0	0.0
21	TP No.2.3	128.60000	-43.20000	20.00000	-0.45218	19.114	0.0	0.0	0.0
21	TP No.2.3	130.40000	-44.05000	20.00000	-0.44046	19.114	0.0	0.0	0.0
21	TP No.2.3	132.20000	-44.90000	20.00000	-0.42916	19.114	0.0	0.0	0.0
21	TP No.2.3	134.00000	-45.75000	20.00000	-0.41842	19.114	0.0	0.0	0.0
21	TP No.2.3	135.80000	-46.60000	20.00000	-0.40836	19.114	0.0	0.0	0.0
21	TP No.2.3	137.60000	-47.45000	20.00000	-0.39907	19.114	0.0	0.0	0.0
21	TP No.2.3	139.40000	-48.30000	20.00000	-0.39059	19.114	0.0	0.0	0.0
21	TP No.2.3	141.20000	-49.15000	20.00000	-0.38294	19.114	0.0	0.0	0.0
21	TP No.2.3	143.00000	-50.00000	20.00000	-0.37611	19.114	0.0	0.0	0.0
22	TP No.2.4	143.00000	-50.00000	20.00000	-0.37611	19.114	0.0	0.0	0.0
22	TP No.2.4	144.00000	-49.20000	20.00000	-0.35577	19.114	0.0	0.0	0.0
22	TP No.2.4	145.00000	-48.40000	20.00000	-0.32474	19.114	0.0	0.0	0.0
22	TP No.2.4	146.00000	-47.60000	20.00000	-0.27618	19.114	0.0	0.0	0.0
22	TP No.2.4	147.00000	-46.80000	20.00000	-0.20484	19.114	0.0	0.0	0.0
22	TP No.2.4	148.00000	-46.00000	20.00000	-0.10231	19.114	0.0	0.0	0.0
23	TP No.3.1	190.00000	-55.00000	20.00000	-0.26648	19.114	0.0	0.0	0.0
23	TP No.3.1	198.16000	-54.12000	20.00000	-0.27504	19.114	0.0	0.0	0.0
23	TP No.3.1	196.32000	-53.24000	20.00000	-0.28322	19.114	0.0	0.0	0.0
23	TP No.3.1	194.48000	-52.36000	20.00000	-0.29072	19.114	0.0	0.0	0.0
23	TP No.3.1	192.64000	-51.48000	20.00000	-0.29721	19.114	0.0	0.0	0.0
23	TP No.3.1	190.80000	-50.60000	20.00000	-0.30202	19.114	0.0	0.0	0.0
23	TP No.3.1	188.96000	-49.72000	20.00000	-0.30550	19.114	0.0	0.0	0.0
23	TP No.3.1	187.12000	-48.84000	20.00000	-0.30618	19.114	0.0	0.0	0.0
23	TP No.3.1	185.28000	-47.96000	20.00000	-0.30359	19.114	0.0	0.0	0.0
23	TP No.3.1	183.44000	-47.08000	20.00000	-0.29677	19.114	0.0	0.0	0.0
23	TP No.3.1	181.60000	-46.20000	20.00000	-0.28458	19.114	0.0	0.0	0.0
23	TP No.3.1	179.76000	-45.32000	20.00000	-0.26566	19.114	0.0	0.0	0.0
23	TP No.3.1	177.92000	-44.44000	20.00000	-0.23839	19.114	0.0	0.0	0.0
23	TP No.3.1	176.08000	-43.56000	20.00000	-0.20088	19.114	0.0	0.0	0.0
23	TP No.3.1	174.24000	-42.68000	20.00000	-0.15106	19.114	0.0	0.0	0.0
23	TP No.3.1	172.40000	-41.80000	20.00000	-0.08669	19.114	0.0	0.0	0.0
23	TP No.3.1	170.56000	-40.92000	20.00000	-0.00553	19.114	0.0	0.0	0.0
23	TP No.3.1	168.72000	-40.04000	20.00000	0.09435	19.114	0.0	0.0	0.0
23	TP No.3.1	166.88000	-39.16000	20.00000	0.21421	19.114	0.0	0.0	0.0
23	TP No.3.1	165.04000	-38.28000	20.00000	0.35399	19.114	0.0	0.0	0.0
23	TP No.3.1	163.20000	-37.40000	20.00000	0.51355	19.114	0.0	0.0	0.0
23	TP No.3.1	161.36000	-36.52000	20.00000	0.68192	19.114	0.0	0.0	0.0
23	TP No.3.1	159.52000	-35.64000	20.00000	0.85710	19.114	0.0	0.0	0.0
23	TP No.3.1	157.68000	-34.76000	20.00000	1.02689	19.114	0.0	0.0	0.0
23	TP No.3.1	155.84000	-33.88000	20.00000	1.18093	19.114	0.0	0.0	0.0
23	TP No.1.1	154.00000	-33.00000	20.00000	1.31116	19.114	0.0	0.0	0.0
24	TP No.3.2	154.00000	-33.00000	20.00000	1.31116	19.114	0.0	0.0	0.0
24	TP No.3.2	153.14286	-34.71429	20.00000	0.82012	19.114	0.0	0.0	0.0
24	TP No.3.2	152.28571	-36.42857	20.00000	0.46934	19.114	0.0	0.0	0.0
24	TP No.3.2	151.42857	-38.14286	20.00000	0.21648	19.114	0.0	0.0	0.0
24	TP No.3.2	150.57143	-39.85714	20.00000	0.03347	19.114	0.0	0.0	0.0
24	TP No.3.2	149.71429	-41.57143	20.00000	-0.09895	19.114	0.0	0.0	0.0
24	TP No.3.2	148.85714	-43.28571	20.00000	-0.19427	19.114	0.0	0.0	0.0
24	TP No.3.2	148.00000	-45.00000	20.00000	-0.26217	19.114	0.0	0.0	0.0
25	TP No.3.3	148.00000	-45.00000	20.00000	-0.26217	19.114	0.0	0.0	0.0
25	TP No.3.3	149.84000	-45.84000	20.00000	-0.26436	19.114	0.0	0.0	0.0
25	TP No.3.3	151.68000	-46.68000	20.00000	-0.26850	19.114	0.0	0.0	0.0
25	TP No.3.3	153.52000	-47.52000	20.00000	-0.27416	19.114	0.0	0.0	0.0
25	TP No.3.3	155.36000	-48.36000	20.00000	-0.28083	19.114	0.0	0.0	0.0
25	TP No.3.3	157.20000	-49.20000	20.00000	-0.28799	19.114	0.0	0.0	0.0
25	TP No.3.3	159.04000	-50.04000	20.00000					



Ugly Brown Building
Drained
Plot B & C - Proposed

RSK ENVIRONMENT LIMITED

Job No. Sheet No. Rev.

371459

Drg. Ref.

Made by
MK

Date

Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mDD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mDD]	[mm]				
27	Hospital No.1.1	189.00000	-29.00000	19.00000	-0.04937	17.952	0.0	0.0	0.0
27	Hospital No.1.1	189.00000	-31.00000	19.00000	-0.11361	17.952	0.0	0.0	0.0
28	Hospital No.1.2	189.00000	-31.00000	19.00000	-0.11361	17.952	0.0	0.0	0.0
28	Hospital No.1.2	190.94737	-31.00000	19.00000	-0.17359	17.952	0.0	0.0	0.0
28	Hospital No.1.2	192.89474	-31.00000	19.00000	-0.21967	17.952	0.0	0.0	0.0
28	Hospital No.1.2	194.84211	-31.00000	19.00000	-0.25432	17.952	0.0	0.0	0.0
28	Hospital No.1.2	196.78947	-31.00000	19.00000	-0.27963	17.952	0.0	0.0	0.0
28	Hospital No.1.2	198.73684	-31.00000	19.00000	-0.29737	17.952	0.0	0.0	0.0
28	Hospital No.1.2	200.68421	-31.00000	19.00000	-0.30902	17.952	0.0	0.0	0.0
28	Hospital No.1.2	202.63158	-31.00000	19.00000	-0.31581	17.952	0.0	0.0	0.0
28	Hospital No.1.2	204.57895	-31.00000	19.00000	-0.31873	17.952	0.0	0.0	0.0
28	Hospital No.1.2	206.52632	-31.00000	19.00000	-0.31861	17.952	0.0	0.0	0.0
28	Hospital No.1.2	208.47368	-31.00000	19.00000	-0.31613	17.952	0.0	0.0	0.0
28	Hospital No.1.2	210.42105	-31.00000	19.00000	-0.31183	17.952	0.0	0.0	0.0
28	Hospital No.1.2	212.36842	-31.00000	19.00000	-0.30614	17.952	0.0	0.0	0.0
28	Hospital No.1.2	204.31579	-31.00000	19.00000	-0.29942	17.952	0.0	0.0	0.0
28	Hospital No.1.2	216.26316	-31.00000	19.00000	-0.29196	17.952	0.0	0.0	0.0
28	Hospital No.1.2	218.21053	-31.00000	19.00000	-0.28399	17.952	0.0	0.0	0.0
28	Hospital No.1.2	220.15789	-31.00000	19.00000	-0.27568	17.952	0.0	0.0	0.0
28	Hospital No.1.2	222.10526	-31.00000	19.00000	-0.26718	17.952	0.0	0.0	0.0
28	Hospital No.1.2	224.05263	-31.00000	19.00000	-0.25861	17.952	0.0	0.0	0.0
28	Hospital No.1.2	226.00000	-31.00000	19.00000	-0.25004	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-31.00000	19.00000	-0.25004	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-29.00000	19.00000	-0.25549	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-27.00000	19.00000	-0.26089	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-25.00000	19.00000	-0.26624	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-23.00000	19.00000	-0.27152	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-21.00000	19.00000	-0.27673	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-19.00000	19.00000	-0.28186	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-17.00000	19.00000	-0.28690	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-15.00000	19.00000	-0.29182	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-13.00000	19.00000	-0.29669	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-11.00000	19.00000	-0.30143	17.952	0.0	0.0	0.0
29	Hospital No.1.3	226.00000	-9.00000	19.00000	-0.30606	17.952	0.0	0.0	0.0
30	Hospital No.1.4	226.00000	-9.00000	19.00000	-0.30606	17.952	0.0	0.0	0.0
30	Hospital No.1.4	224.00000	-9.00000	19.00000	-0.31618	17.952	0.0	0.0	0.0
30	Hospital No.1.4	222.00000	-9.00000	19.00000	-0.32709	17.952	0.0	0.0	0.0
30	Hospital No.1.4	220.00000	-9.00000	19.00000	-0.33668	17.952	0.0	0.0	0.0
30	Hospital No.1.4	218.00000	-9.00000	19.00000	-0.34516	17.952	0.0	0.0	0.0
30	Hospital No.1.4	216.00000	-9.00000	19.00000	-0.35199	17.952	0.0	0.0	0.0
30	Hospital No.1.4	214.00000	-9.00000	19.00000	-0.35649	17.952	0.0	0.0	0.0
30	Hospital No.1.4	212.00000	-9.00000	19.00000	-0.35773	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-9.00000	19.00000	-0.35773	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-11.00000	19.00000	-0.35351	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-13.00000	19.00000	-0.34933	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-15.00000	19.00000	-0.34515	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-17.00000	19.00000	-0.34094	17.952	0.0	0.0	0.0
31	Hospital No.1.5	212.00000	-19.00000	19.00000	-0.33666	17.952	0.0	0.0	0.0
32	Hospital No.1.6	212.00000	-19.00000	19.00000	-0.33666	17.952	0.0	0.0	0.0
32	Hospital No.1.6	210.03333	-19.00000	19.00000	-0.33767	17.952	0.0	0.0	0.0
32	Hospital No.1.6	208.16667	-19.00000	19.00000	-0.33513	17.952	0.0	0.0	0.0
32	Hospital No.1.6	206.25000	-19.00000	19.00000	-0.32785	17.952	0.0	0.0	0.0
32	Hospital No.1.6	204.33333	-19.00000	19.00000	-0.31433	17.952	0.0	0.0	0.0
32	Hospital No.1.6	202.41667	-19.00000	19.00000	-0.29260	17.952	0.0	0.0	0.0
32	Hospital No.1.6	200.50000	-19.00000	19.00000	-0.26000	17.952	0.0	0.0	0.0
32	Hospital No.1.6	198.58333	-19.00000	19.00000	-0.21337	17.952	0.0	0.0	0.0
32	Hospital No.1.6	196.66667	-19.00000	19.00000	-0.14797	17.952	0.0	0.0	0.0
32	Hospital No.1.6	194.75000	-19.00000	19.00000	-0.05787	17.952	0.0	0.0	0.0
32	Hospital No.1.6	192.83333	-19.00000	19.00000	0.06507	17.952	0.0	0.0	0.0
32	Hospital No.1.6	190.91667	-19.00000	19.00000	0.23199	17.952	0.0	0.0	0.0
32	Hospital No.1.6	189.00000	-19.00000	19.00000	0.45801	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	37.00000	19.00000	0.46937	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	35.00000	19.00000	0.57828	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	33.00000	19.00000	0.68709	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	31.00000	19.00000	0.78992	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	29.00000	19.00000	0.88276	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	27.00000	19.00000	0.96385	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	25.00000	19.00000	1.03318	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	23.00000	19.00000	1.09184	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	21.00000	19.00000	1.14133	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	19.00000	19.00000	1.18314	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	17.00000	19.00000	1.21850	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	15.00000	19.00000	1.24823	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	13.00000	19.00000	1.27274	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	11.00000	19.00000	1.29200	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	9.00000	19.00000	1.30565	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	7.00000	19.00000	1.31304	17.952	0.0	0.0	0.0
33	Hospital No.2.1	189.00000	5.00000	19.00000	1.31346	17.952	0.0	0.0	0.0
34	Hospital No.2.2	189.00000	5.00000	19.00000	1.31346	17.952	0.0	0.0	0.0
34	Hospital No.2.2	191.00000	5.00000	19.00000	0.81253	17.952	0.0	0.0	0.0
34	Hospital No.2.2	193.00000	5.00000	19.00000	0.45342	17.952	0.0	0.0	0.0
34	Hospital No.2.2	195.00000	5.00000	19.00000	0.19467	17.952	0.0	0.0	0.0
34	Hospital No.2.2	197.00000	5.00000	19.00000	0.00817	17.952	0.0	0.0	0.0
34	Hospital No.2.2	199.00000	5.00000	19.00000	-0.12566	17.952	0.0	0.0	0.0
34	Hospital No.2.2	201.00000	5.00000	19.00000	-0.22076	17.952	0.0	0.0	0.0
34	Hospital No.2.2	203.00000	5.00000	19.00000	-0.28719	17.952	0.0	0.0	0.0
34	Hospital No.2.2	205.00000	5.00000	19.00000	-0.33233	17.952	0.0	0.0	0.0
34	Hospital No.2.2	207.00000	5.00000	19.00000	-0.36163	17.952	0.0	0.0	0.0
34	Hospital No.2.2	209.00000	5.00000	19.00000	-0.37915	17.952	0.0	0.0	0.0
34	Hospital No.2.2	211.00000	5.00000	19.00000	-0.38791	17.952	0.0	0.0	0.0
34	Hospital No.2.2	213.00000	5.00000	19.00000	-0.39021	17.952	0.0	0.0	0.0
34	Hospital No.2.2	215.00000	5.00000	19.00000	-0.38778	17.952	0.0	0.0	0.0
34	Hospital No.2.2	217.00000	5.00000	19.00000	-0.38191	17.952	0.0	0.0	0.0
34	Hospital No.2.2	219.00000	5.00000	19.00000	-0.37360	17.952	0.0	0.0	0.0
34	Hospital No.2.2	221.00000	5.00000	19.00000	-0.36360	17.952	0.0	0.0	0.0
34	Hospital No.2.2	223.00000	5.00000	19.00000	-0.35248	17.952	0.0	0.0	0.0
34	Hospital No.2.2	225.00000	5.00000	19.00000	-0.34065	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	5.00000	19.00000	-0.34065	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	7.00000	19.00000	-0.34418	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	9.00000	19.00000	-0.34752	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	11.00000	19.00000	-0.35066	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	13.00000	19.00000	-0.35360	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	15.00000	19.00000	-0.35632	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	17.00000	19.00000	-0.35881	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	19.00000	19.00000	-0.36106	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	21.00000	19.00000	-0.36307	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	23.00000	19.00000	-0.36483	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	25.00000	19.00000	-0.36631	17.952	0.0	0.0	0.0
35	Hospital No.2.3	225.00000	27.00000	19.00000	-0.36753	17.952	0.0	0.0	0



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
37	Hospital No.3_1	189.00000	61.50000	19.00000	0.19000	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	59.56250	19.00000	0.16436	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	57.62500	19.00000	0.13514	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	55.68750	19.00000	0.10722	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	53.75000	19.00000	0.08525	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	51.81250	19.00000	0.07309	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	49.87500	19.00000	0.07364	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	47.93750	19.00000	0.08885	17.952	0.0	0.0	0.0
37	Hospital No.3_1	189.00000	46.00000	19.00000	0.11992	17.952	0.0	0.0	0.0
38	Hospital No.3_2	189.00000	46.00000	19.00000	0.11992	17.952	0.0	0.0	0.0
38	Hospital No.3_2	190.80000	46.75000	19.00000	-0.05093	17.952	0.0	0.0	0.0
38	Hospital No.3_2	192.60000	46.00000	19.00000	-0.17982	17.952	0.0	0.0	0.0
38	Hospital No.3_2	194.40000	46.00000	19.00000	-0.27599	17.952	0.0	0.0	0.0
38	Hospital No.3_2	196.20000	46.00000	19.00000	-0.34657	17.952	0.0	0.0	0.0
38	Hospital No.3_2	198.00000	46.00750	19.00000	-0.39718	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	46.00000	19.00000	-0.39718	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	47.80000	19.00000	-0.40314	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	49.60000	19.00000	-0.40611	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	51.40000	19.00000	-0.40629	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	53.20000	19.00000	-0.40397	17.952	0.0	0.0	0.0
39	Hospital No.3_3	198.00000	55.00000	19.00000	-0.39958	17.952	0.0	0.0	0.0
40	Hospital No.3_4	198.00000	55.00000	19.00000	-0.39958	17.952	0.0	0.0	0.0
40	Hospital No.3_4	200.00000	55.00000	19.00000	-0.43365	17.952	0.0	0.0	0.0
40	Hospital No.3_4	202.00000	55.00000	19.00000	-0.45379	17.952	0.0	0.0	0.0
40	Hospital No.3_4	204.00000	55.00000	19.00000	-0.46360	17.952	0.0	0.0	0.0
40	Hospital No.3_4	206.00000	55.00000	19.00000	-0.46578	17.952	0.0	0.0	0.0
40	Hospital No.3_4	208.00000	55.00000	19.00000	-0.46237	17.952	0.0	0.0	0.0
40	Hospital No.3_4	210.00000	55.00000	19.00000	-0.45491	17.952	0.0	0.0	0.0
40	Hospital No.3_4	212.00000	55.00000	19.00000	-0.44457	17.952	0.0	0.0	0.0
40	Hospital No.3_4	214.00000	55.00000	19.00000	-0.43222	17.952	0.0	0.0	0.0
40	Hospital No.3_4	216.00000	55.00000	19.00000	-0.41862	17.952	0.0	0.0	0.0
40	Hospital No.3_4	218.00000	55.00000	19.00000	-0.40418	17.952	0.0	0.0	0.0
40	Hospital No.3_4	220.00000	55.00000	19.00000	-0.38931	17.952	0.0	0.0	0.0
40	Hospital No.3_4	222.00000	55.00000	19.00000	-0.37431	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	55.00000	19.00000	-0.37431	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	53.20000	19.00000	-0.37738	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	51.40000	19.00000	-0.38017	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	49.60000	19.00000	-0.38268	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	47.80000	19.00000	-0.38490	17.952	0.0	0.0	0.0
41	Hospital No.3_5	222.00000	46.00000	19.00000	-0.38691	17.952	0.0	0.0	0.0
42	Hospital No.3_6	222.00000	46.00000	19.00000	-0.38691	17.952	0.0	0.0	0.0
42	Hospital No.3_6	224.00000	46.00000	19.00000	-0.37145	17.952	0.0	0.0	0.0
42	Hospital No.3_6	226.00000	46.00000	19.00000	-0.35627	17.952	0.0	0.0	0.0
42	Hospital No.3_6	228.00000	46.00000	19.00000	-0.34139	17.952	0.0	0.0	0.0
42	Hospital No.3_6	230.00000	46.00000	19.00000	-0.32690	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	46.00000	19.00000	-0.32690	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	47.93750	19.00000	-0.32506	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	49.87500	19.00000	-0.32297	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	51.81250	19.00000	-0.32065	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	53.75000	19.00000	-0.31810	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	55.68750	19.00000	-0.31533	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	57.62500	19.00000	-0.31235	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	59.56250	19.00000	-0.30917	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	61.50000	19.00000	-0.30579	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	63.43750	19.00000	-0.30224	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	65.37500	19.00000	-0.29851	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	67.31250	19.00000	-0.29463	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	69.25000	19.00000	-0.29060	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	71.18750	19.00000	-0.28644	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	73.12500	19.00000	-0.28215	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	75.06250	19.00000	-0.27775	17.952	0.0	0.0	0.0
43	Hospital No.3_7	230.00000	77.00000	19.00000	-0.27325	17.952	0.0	0.0	0.0
44	Hospital No.3_8	230.00000	77.00000	19.00000	-0.27325	17.952	0.0	0.0	0.0
44	Hospital No.3_8	228.04762	77.00000	19.00000	-0.28431	17.952	0.0	0.0	0.0
44	Hospital No.3_8	226.09524	77.00000	19.00000	-0.29567	17.952	0.0	0.0	0.0
44	Hospital No.3_8	224.14286	77.00000	19.00000	-0.30729	17.952	0.0	0.0	0.0
44	Hospital No.3_8	222.19048	77.00000	19.00000	-0.31908	17.952	0.0	0.0	0.0
44	Hospital No.3_8	220.23810	77.00000	19.00000	-0.33095	17.952	0.0	0.0	0.0
44	Hospital No.3_8	218.28571	77.00000	19.00000	-0.34274	17.952	0.0	0.0	0.0
44	Hospital No.3_8	216.33333	77.00000	19.00000	-0.35426	17.952	0.0	0.0	0.0
44	Hospital No.3_8	214.38095	77.00000	19.00000	-0.36525	17.952	0.0	0.0	0.0
44	Hospital No.3_8	212.42857	77.00000	19.00000	-0.37536	17.952	0.0	0.0	0.0
44	Hospital No.3_8	210.47619	77.00000	19.00000	-0.38414	17.952	0.0	0.0	0.0
44	Hospital No.3_8	208.52381	77.00000	19.00000	-0.39096	17.952	0.0	0.0	0.0
44	Hospital No.3_8	206.57143	77.00000	19.00000	-0.39504	17.952	0.0	0.0	0.0
44	Hospital No.3_8	204.61905	77.00000	19.00000	-0.39531	17.952	0.0	0.0	0.0
44	Hospital No.3_8	202.66667	77.00000	19.00000	-0.39038	17.952	0.0	0.0	0.0
44	Hospital No.3_8	200.71429	77.00000	19.00000	-0.37840	17.952	0.0	0.0	0.0
44	Hospital No.3_8	198.76190	77.00000	19.00000	-0.35695	17.952	0.0	0.0	0.0
44	Hospital No.3_8	196.80952	77.00000	19.00000	-0.32277	17.952	0.0	0.0	0.0
44	Hospital No.3_8	194.85714	77.00000	19.00000	-0.27160	17.952	0.0	0.0	0.0
44	Hospital No.3_8	192.90476	77.00000	19.00000	-0.19770	17.952	0.0	0.0	0.0
44	Hospital No.3_8	190.95238	77.00000	19.00000	-0.09344	17.952	0.0	0.0	0.0
44	Hospital No.3_8	189.00000	77.00000	19.00000	0.05139	17.952	0.0	0.0	0.0
45	Rd_1	-10.00000	12.00000	21.00000	-0.14691	20.750	0.0	0.0	0.0
45	Rd_1	-28.00000	11.95652	21.00000	-0.15277	20.750	0.0	0.0	0.0
45	Rd_1	-26.00000	11.91304	21.00000	-0.15903	20.750	0.0	0.0	0.0
45	Rd_1	-24.00000	11.86957	21.00000	-0.16558	20.750	0.0	0.0	0.0
45	Rd_1	-22.00000	11.82609	21.00000	-0.17244	20.750	0.0	0.0	0.0
45	Rd_1	-20.00000	11.78261	21.00000	-0.17963	20.750	0.0	0.0	0.0
45	Rd_1	-18.00000	11.73913	21.00000	-0.18715	20.750	0.0	0.0	0.0
45	Rd_1	-16.00000	11.69565	21.00000	-0.19501	20.750	0.0	0.0	0.0
45	Rd_1	-14.00000	11.65217	21.00000	-0.20321	20.750	0.0	0.0	0.0
45	Rd_1	-12.00000	11.60870	21.00000	-0.21176	20.750	0.0	0.0	0.0
45	Rd_1	-10.00000	11.56522	21.00000	-0.22065	20.750	0.0	0.0	0.0
45	Rd_1	-8.00000	11.52174	21.00000	-0.22987	20.750	0.0	0.0	0.0
45	Rd_1	-6.00000	11.47826	21.00000	-0.23940	20.750	0.0	0.0	0.0
45	Rd_1	-4.00000	11.43478	21.00000	-0.24921	20.750	0.0	0.0	0.0
45	Rd_1	-2.00000	11.39130	21.00000	-0.25927	20.750	0.0	0.0	0.0
45	Rd_1	0.00000	11.34783	21.00000	-0.26954	20.750	0.0	0.0	0.0
45	Rd_1	2.00000	11.30435	21.00000	-0.27984	20.750	0.0	0.0	0.0
45	Rd_1	4.00000	11.26087	21.00000	-0.29016	20.750	0.0	0.0	0.0
45	Rd_1	6.00000	11.21739	21.00000	-0.30032	20.750	0.0	0.0	0.0
45	Rd_1	8.00000	11.17391	21.00000	-0.31011	20.750	0.0	0.0	0.0
45	Rd_1	10.00000	11.13043	21.00000	-0.31929	20.750	0.0	0.0	0.0
45	Rd_1	12.00000	11.08696	21.00000	-0.32751	20.750	0.0	0.0	0.0
45	Rd_1	14.00000	11.04348	21.00000	-0.33435	20.750	0.0	0.0	0.0
45	Rd_1	16.00000	11.00000	21.00000	-0.33926	20.750	0.0	0.0	0.0
45	Rd_1	18.00000	10.95652	21.00000	-0.34152	20.750	0.0	0.0	0.0
45	Rd_1	20.00000	10.91304	21.00000	-0.34021	20.750	0.0	0.0	0.0
45	Rd_1	22.00000	10.86957	21.00000	-0.3341				



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref	Name	x	y	z	δz	Stress: Calc. Level	Stress: Vertical	Stress: Sum Princ.	Vert. Strain
		[m]	[m]	[mOD]	[mm]	[mOD]	[kN/m²]	[kN/m²]	[µ]
46	Rd_2	80.83333	3.16667	20.16667	8.87185	20.083	0.0	0.0	0.0
46	Rd_2	82.71667	2.48333	20.18333	8.84861	20.092	0.0	0.0	0.0
46	Rd_2	84.60000	1.80000	20.20000	8.81711	20.100	0.0	0.0	0.0
46	Rd_2	86.48333	1.11667	20.21667	8.75851	20.108	0.0	0.0	0.0
46	Rd_2	88.36667	0.43333	20.23333	8.63754	20.117	0.0	0.0	0.0
46	Rd_2	90.25000	-0.25000	20.25000	8.40174	20.125	0.0	0.0	0.0
46	Rd_2	92.13333	-0.93333	20.26667	7.98869	20.133	0.0	0.0	0.0
46	Rd_2	94.01667	-1.61667	20.28333	7.33767	20.142	0.0	0.0	0.0
46	Rd_2	95.90000	-2.30000	20.30000	6.42256	20.150	0.0	0.0	0.0
46	Rd_2	97.78333	-2.98333	20.31667	5.32360	20.158	0.0	0.0	0.0
46	Rd_2	99.66667	-3.66667	20.33333	4.23208	20.167	0.0	0.0	0.0
46	Rd_2	101.55000	-4.35000	20.35000	3.30155	20.175	0.0	0.0	0.0
46	Rd_2	103.43333	-5.03333	20.36667	2.57557	20.183	0.0	0.0	0.0
46	Rd_2	105.31667	-5.71667	20.38333	2.03738	20.192	0.0	0.0	0.0
46	Rd_2	107.20000	-6.40000	20.40000	1.65450	20.200	0.0	0.0	0.0
46	Rd_2	109.08333	-7.08333	20.41667	1.39671	20.208	0.0	0.0	0.0
46	Rd_2	110.96667	-7.76667	20.43333	1.24044	20.217	0.0	0.0	0.0
46	Rd_2	112.85000	-8.45000	20.45000	1.16795	20.225	0.0	0.0	0.0
46	Rd_2	114.73333	-9.13333	20.46667	1.16503	20.233	0.0	0.0	0.0
46	Rd_2	116.61667	-9.81667	20.48333	1.21868	20.242	0.0	0.0	0.0
46	Rd_2	118.50000	-10.50000	20.50000	1.31568	20.250	0.0	0.0	0.0
46	Rd_2	120.38333	-11.18333	20.51667	1.44338	20.258	0.0	0.0	0.0
46	Rd_2	122.26667	-11.86667	20.53333	1.59388	20.267	0.0	0.0	0.0
46	Rd_2	124.15000	-12.55000	20.55000	1.76927	20.275	0.0	0.0	0.0
46	Rd_2	126.03333	-13.23333	20.56667	1.98274	20.283	0.0	0.0	0.0
46	Rd_2	127.91667	-13.91667	20.58333	2.25672	20.292	0.0	0.0	0.0
46	Rd_2	129.80000	-14.60000	20.60000	2.62496	20.300	0.0	0.0	0.0
46	Rd_2	131.68333	-15.28333	20.61667	3.14081	20.308	0.0	0.0	0.0
46	Rd_2	133.56667	-15.96667	20.63333	3.88060	20.317	0.0	0.0	0.0
46	Rd_2	135.45000	-16.65000	20.65000	4.88445	20.325	0.0	0.0	0.0
46	Rd_2	137.33333	-17.33333	20.66667	5.93559	20.333	0.0	0.0	0.0
46	Rd_2	139.21667	-18.01667	20.68333	6.77340	20.342	0.0	0.0	0.0
46	Rd_2	141.10000	-18.70000	20.70000	7.39720	20.350	0.0	0.0	0.0
46	Rd_2	142.98333	-19.38333	20.71667	7.87375	20.358	0.0	0.0	0.0
46	Rd_2	144.86667	-20.06667	20.73333	8.25729	20.367	0.0	0.0	0.0
46	Rd_2	146.75000	-20.75000	20.75000	8.58658	20.375	0.0	0.0	0.0
46	Rd_2	148.63333	-21.43333	20.76667	8.88900	20.383	0.0	0.0	0.0
46	Rd_2	150.51667	-22.11667	20.78333	9.18613	20.392	0.0	0.0	0.0
46	Rd_2	152.40000	-22.80000	20.80000	9.49851	20.400	0.0	0.0	0.0
46	Rd_2	154.28333	-23.48333	20.81667	9.83055	20.408	0.0	0.0	0.0
46	Rd_2	156.16667	-24.16667	20.83333	10.11320	20.417	0.0	0.0	0.0
46	Rd_2	158.05000	-24.85000	20.85000	10.14659	20.425	0.0	0.0	0.0
46	Rd_2	159.93333	-25.53333	20.86667	9.70050	20.433	0.0	0.0	0.0
46	Rd_2	161.81667	-26.21667	20.88333	8.68760	20.442	0.0	0.0	0.0
46	Rd_2	163.70000	-26.90000	20.90000	6.99770	20.450	0.0	0.0	0.0
46	Rd_2	165.58333	-27.58333	20.91667	2.12529	20.458	0.0	0.0	0.0
46	Rd_2	167.46667	-28.26667	20.93333	3.87712	20.467	0.0	0.0	0.0
46	Rd_2	169.35000	-28.95000	20.95000	2.85369	20.475	0.0	0.0	0.0
46	Rd_2	171.23333	-29.63333	20.96667	2.06661	20.483	0.0	0.0	0.0
46	Rd_2	173.11667	-30.31667	20.98333	1.46248	20.492	0.0	0.0	0.0
46	Rd_2	175.00000	-31.00000	21.00000	1.00134	20.750	0.0	0.0	0.0
47	Rd_1	180.00000	90.00000	21.50000	0.32534	21.125	0.0	0.0	0.0
47	Rd_1	179.91667	88.00000	21.50000	0.50399	21.125	0.0	0.0	0.0
47	Rd_1	179.83333	86.00000	21.50000	0.71139	21.125	0.0	0.0	0.0
47	Rd_1	179.75000	84.00000	21.50000	0.94756	21.125	0.0	0.0	0.0
47	Rd_1	179.66667	82.00000	21.50000	1.21224	21.125	0.0	0.0	0.0
47	Rd_1	179.58333	80.00000	21.50000	1.50551	21.125	0.0	0.0	0.0
47	Rd_1	179.50000	78.00000	21.50000	1.82807	21.125	0.0	0.0	0.0
47	Rd_1	179.41667	76.00000	21.50000	2.18102	21.125	0.0	0.0	0.0
47	Rd_1	179.33333	74.00000	21.50000	2.56508	21.125	0.0	0.0	0.0
47	Rd_1	179.25000	72.00000	21.50000	2.97871	21.125	0.0	0.0	0.0
47	Rd_1	179.16667	70.00000	21.50000	3.41389	21.125	0.0	0.0	0.0
47	Rd_1	179.08333	68.00000	21.50000	3.84861	21.125	0.0	0.0	0.0
47	Rd_1	179.00000	66.00000	21.50000	4.23946	21.125	0.0	0.0	0.0
47	Rd_1	178.91667	64.00000	21.50000	4.52853	21.125	0.0	0.0	0.0
47	Rd_1	178.83333	62.00000	21.50000	4.61447	21.125	0.0	0.0	0.0
47	Rd_1	178.75000	60.00000	21.50000	4.12124	21.125	0.0	0.0	0.0
47	Rd_1	178.66667	58.00000	21.50000	3.59194	21.125	0.0	0.0	0.0
47	Rd_1	178.58333	56.00000	21.50000	3.19808	21.125	0.0	0.0	0.0
47	Rd_1	178.50000	54.00000	21.50000	2.94281	21.125	0.0	0.0	0.0
47	Rd_1	178.41667	52.00000	21.50000	2.83436	21.125	0.0	0.0	0.0
47	Rd_1	178.33333	50.00000	21.50000	2.87134	21.125	0.0	0.0	0.0
47	Rd_1	178.25000	48.00000	21.50000	3.03888	21.125	0.0	0.0	0.0
47	Rd_1	178.16667	46.00000	21.50000	3.30984	21.125	0.0	0.0	0.0
47	Rd_1	178.08333	44.00000	21.50000	3.66382	21.125	0.0	0.0	0.0
47	Rd_1	178.00000	42.00000	21.50000	4.12101	21.125	0.0	0.0	0.0
47	Rd_1	177.91667	40.00000	21.50000	4.77376	21.125	0.0	0.0	0.0
47	Rd_1	177.83333	38.00000	21.50000	5.86367	21.125	0.0	0.0	0.0
47	Rd_1	177.75000	36.00000	21.50000	8.44646	21.125	0.0	0.0	0.0
47	Rd_1	177.66667	34.00000	21.50000	12.54280	21.125	0.0	0.0	0.0
47	Rd_1	177.58333	32.00000	21.50000	14.34522	21.125	0.0	0.0	0.0
47	Rd_1	177.50000	30.00000	21.50000	15.37254	21.125	0.0	0.0	0.0
47	Rd_1	177.41667	28.00000	21.50000	16.08074	21.125	0.0	0.0	0.0
47	Rd_1	177.33333	26.00000	21.50000	16.62485	21.125	0.0	0.0	0.0
47	Rd_1	177.25000	24.00000	21.50000	17.08251	21.125	0.0	0.0	0.0
47	Rd_1	177.16667	22.00000	21.50000	17.47944	21.125	0.0	0.0	0.0
47	Rd_1	177.08333	20.00000	21.50000	17.82628	21.125	0.0	0.0	0.0
47	Rd_1	177.00000	18.00000	21.50000	18.15120	21.125	0.0	0.0	0.0
47	Rd_1	176.91667	16.00000	21.50000	18.47609	21.125	0.0	0.0	0.0
47	Rd_1	176.83333	14.00000	21.50000	18.79424	21.125	0.0	0.0	0.0
47	Rd_1	176.75000	12.00000	21.50000	19.10752	21.125	0.0	0.0	0.0
47	Rd_1	176.66667	10.00000	21.50000	19.43995	21.125	0.0	0.0	0.0
47	Rd_1	176.58333	8.00000	21.50000	19.77437	21.125	0.0	0.0	0.0
47	Rd_1	176.50000	6.00000	21.50000	20.01978	21.125	0.0	0.0	0.0
47	Rd_1	176.41667	4.00000	21.50000	20.09457	21.125	0.0	0.0	0.0
47	Rd_1	176.33333	2.00000	21.50000	20.02625	21.125	0.0	0.0	0.0
47	Rd_1	176.25000	0.00000	21.50000	19.92118	21.125	0.0	0.0	0.0
47	Rd_1	176.16667	-2.00000	21.50000	19.83387	21.125	0.0	0.0	0.0
47	Rd_1	176.08333	-4.00000	21.50000	19.72134	21.125	0.0	0.0	0.0
47	Rd_1	176.00000	-6.00000	21.50000	19.53997	21.125	0.0	0.0	0.0
47	Rd_1	175.91667	-8.00000	21.50000	19.28778	21.125			



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

	Name	x	y	z	dz	Stress:	Stress:	Stress:	Vert.
						Calc.	Vertical	Sum Princ.	Strain
		[m]	[m]	[mOD]	[mm]	Level	[kN/m²]	[kN/m²]	[µ]
48	RW_1	57.12121	70.90909	22.00000	-0.15349	21.667	0.0	0.0	0.0
48	RW_1	59.09091	71.18182	22.00000	-0.11508	21.667	0.0	0.0	0.0
48	RW_1	61.06061	71.45455	22.00000	-0.07377	21.667	0.0	0.0	0.0
48	RW_1	63.03030	71.72727	22.00000	-0.02948	21.667	0.0	0.0	0.0
48	RW_1	65.00000	72.00000	22.00000	0.01792	21.667	0.0	0.0	0.0
49	RW_2	65.00000	72.00000	22.00000	0.01792	21.667	0.0	0.0	0.0
49	RW_2	66.86792	72.71698	22.00000	0.02805	21.667	0.0	0.0	0.0
49	RW_2	68.73585	73.43396	22.00000	0.03678	21.667	0.0	0.0	0.0
49	RW_2	70.60377	74.15094	22.00000	0.04401	21.667	0.0	0.0	0.0
49	RW_2	72.47170	74.86792	22.00000	0.04957	21.667	0.0	0.0	0.0
49	RW_2	74.33962	75.58491	22.00000	0.05315	21.667	0.0	0.0	0.0
49	RW_2	76.20755	76.30189	22.00000	0.05441	21.667	0.0	0.0	0.0
49	RW_2	78.07547	77.01887	22.00000	0.05296	21.667	0.0	0.0	0.0
49	RW_2	79.94340	77.73585	22.00000	0.04844	21.667	0.0	0.0	0.0
49	RW_2	81.81132	78.45283	22.00000	0.04057	21.667	0.0	0.0	0.0
49	RW_2	83.67925	79.16981	22.00000	0.02917	21.667	0.0	0.0	0.0
49	RW_2	85.54717	79.88679	22.00000	0.01429	21.667	0.0	0.0	0.0
49	RW_2	87.41509	80.60377	22.00000	-0.00384	21.667	0.0	0.0	0.0
49	RW_2	89.28302	81.32075	22.00000	-0.02470	21.667	0.0	0.0	0.0
49	RW_2	91.15094	82.03774	22.00000	-0.04762	21.667	0.0	0.0	0.0
49	RW_2	93.01887	82.75472	22.00000	-0.07173	21.667	0.0	0.0	0.0
49	RW_2	94.88679	83.47170	22.00000	-0.09611	21.667	0.0	0.0	0.0
49	RW_2	96.75472	84.18868	22.00000	-0.11987	21.667	0.0	0.0	0.0
49	RW_2	98.62264	84.90566	22.00000	-0.14221	21.667	0.0	0.0	0.0
49	RW_2	100.49057	85.62264	22.00000	-0.16247	21.667	0.0	0.0	0.0
49	RW_2	102.35849	86.33962	22.00000	-0.18021	21.667	0.0	0.0	0.0
49	RW_2	104.22642	87.05660	22.00000	-0.19513	21.667	0.0	0.0	0.0
49	RW_2	106.09434	87.77358	22.00000	-0.20711	21.667	0.0	0.0	0.0
49	RW_2	107.96226	88.49057	22.00000	-0.21614	21.667	0.0	0.0	0.0
49	RW_2	109.83019	89.20755	22.00000	-0.22233	21.667	0.0	0.0	0.0
49	RW_2	111.69811	89.92453	22.00000	-0.22582	21.667	0.0	0.0	0.0
49	RW_2	113.56604	90.64151	22.00000	-0.22680	21.667	0.0	0.0	0.0
49	RW_2	115.43396	91.35849	22.00000	-0.22549	21.667	0.0	0.0	0.0
49	RW_2	117.30189	92.07547	22.00000	-0.22211	21.667	0.0	0.0	0.0
49	RW_2	119.16981	92.79245	22.00000	-0.21689	21.667	0.0	0.0	0.0
49	RW_2	121.03774	93.50943	22.00000	-0.21005	21.667	0.0	0.0	0.0
49	RW_2	122.90566	94.22642	22.00000	-0.20186	21.667	0.0	0.0	0.0
49	RW_2	124.77358	94.94340	22.00000	-0.19258	21.667	0.0	0.0	0.0
49	RW_2	126.64151	95.66038	22.00000	-0.18252	21.667	0.0	0.0	0.0
49	RW_2	128.50943	96.37736	22.00000	-0.17201	21.667	0.0	0.0	0.0
49	RW_2	130.37736	97.09434	22.00000	-0.16139	21.667	0.0	0.0	0.0
49	RW_2	132.24528	97.81132	22.00000	-0.15106	21.667	0.0	0.0	0.0
49	RW_2	134.11321	98.52830	22.00000	-0.14142	21.667	0.0	0.0	0.0
49	RW_2	135.98113	99.24528	22.00000	-0.13290	21.667	0.0	0.0	0.0
49	RW_2	137.84906	99.96226	22.00000	-0.12559	21.667	0.0	0.0	0.0
49	RW_2	139.71698	100.67925	22.00000	-0.12083	21.667	0.0	0.0	0.0
49	RW_2	141.58491	101.39623	22.00000	-0.11808	21.667	0.0	0.0	0.0
49	RW_2	143.45283	102.11321	22.00000	-0.11797	21.667	0.0	0.0	0.0
49	RW_2	145.32075	102.83019	22.00000	-0.12078	21.667	0.0	0.0	0.0
49	RW_2	147.18868	103.54717	22.00000	-0.12666	21.667	0.0	0.0	0.0
49	RW_2	149.05660	104.26415	22.00000	-0.13563	21.667	0.0	0.0	0.0
49	RW_2	150.92453	104.98113	22.00000	-0.14759	21.667	0.0	0.0	0.0
49	RW_2	152.79245	105.69811	22.00000	-0.16221	21.667	0.0	0.0	0.0
49	RW_2	154.66038	106.41509	22.00000	-0.17903	21.667	0.0	0.0	0.0
49	RW_2	156.52830	107.13208	22.00000	-0.19742	21.667	0.0	0.0	0.0
49	RW_2	158.39623	107.84906	22.00000	-0.21662	21.667	0.0	0.0	0.0
49	RW_2	160.26415	108.56604	22.00000	-0.23586	21.667	0.0	0.0	0.0
49	RW_2	162.13208	109.28302	22.00000	-0.25436	21.667	0.0	0.0	0.0
50	TWS(1)_1	48.00000	110.00000	22.00000	-0.27145	21.667	0.0	0.0	0.0
50	TWS(1)_1	48.00000	60.00000	15.71400	0.18917	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.04000	58.00000	15.71400	0.37937	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.08000	56.00000	15.71400	0.61617	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.12000	54.00000	15.71400	0.90876	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.16000	52.00000	15.71400	1.26691	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.20000	50.00000	15.71400	1.69958	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.24000	48.00000	15.71400	2.21155	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.28000	46.00000	15.71400	2.79665	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.32000	44.00000	15.71400	3.42893	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.36000	42.00000	15.71400	4.06313	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.40000	40.00000	15.71400	4.64623	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.44000	38.00000	15.71400	5.13805	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.48000	36.00000	15.71400	5.53031	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.52000	34.00000	15.71400	5.83174	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.56000	32.00000	15.71400	6.05287	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.60000	30.00000	15.71400	6.22140	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.64000	28.00000	15.71400	6.36812	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.68000	26.00000	15.71400	6.49025	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.72000	24.00000	15.71400	6.55409	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.76000	22.00000	15.71400	6.46900	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.80000	20.00000	15.71400	6.05453	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.84000	18.00000	15.71400	5.27941	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.88000	16.00000	15.71400	4.36878	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.92000	14.00000	15.71400	3.50650	14.861	0.0	0.0	0.0
50	TWS(1)_1	48.96000	12.00000	15.71400	2.75682	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.00000	10.00000	15.71400	2.12788	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.04000	8.00000	15.71400	1.60908	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.08000	6.00000	15.71400	1.18543	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.12000	4.00000	15.71400	0.84177	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.16000	2.00000	15.71400	0.56452	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.20000	0.00000	15.71400	0.34139	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.24000	-2.00000	15.71400	0.16434	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.28000	-4.00000	15.71400	0.02337	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.32000	-6.00000	15.71400	-0.08770	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.36000	-8.00000	15.71400	-0.17445	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.40000	-10.00000	15.71400	-0.24145	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.44000	-12.00000	15.71400	-0.29244	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.48000	-14.00000	15.71400	-0.33050	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.52000	-16.00000	15.71400	-0.35811	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.56000	-18.00000	15.71400	-0.37732	14.861	0.0	0.0	0.0
50	TWS(1)_1	49.60000	-20.00000	15.71400	-0.38978	14.861	0.0	0.	



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No.	Sheet No.	Rev.
371459		
Drg. Ref.		
Made by MK	Date	Checked

Ref.	Name	x	y	z	dz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m²]	Stress: Sum Princ. [kN/m²]	Vert. Strain [µ]
		[m]	[m]	[mOD]	[mm]				
51	TWS (2)_1	31.35417	5.00000	17.70900	-0.26354	16.785	0.0	0.0	0.0
51	TWS (2)_1	33.33333	5.00000	17.70900	-0.21937	16.785	0.0	0.0	0.0
51	TWS (2)_1	35.31250	5.00000	17.70900	-0.16004	16.785	0.0	0.0	0.0
51	TWS (2)_1	37.29167	5.00000	17.70900	-0.08214	16.785	0.0	0.0	0.0
51	TWS (2)_1	39.27083	5.00000	17.70900	0.01827	16.785	0.0	0.0	0.0
51	TWS (2)_1	41.25000	5.00000	17.70900	0.14557	16.785	0.0	0.0	0.0
51	TWS (2)_1	43.22917	5.00000	17.70900	0.30447	16.785	0.0	0.0	0.0
51	TWS (2)_1	45.20833	5.00000	17.70900	0.49975	16.785	0.0	0.0	0.0
51	TWS (2)_1	47.18750	5.00000	17.70900	0.73582	16.785	0.0	0.0	0.0
51	TWS (2)_1	49.16667	5.00000	17.70900	1.01624	16.785	0.0	0.0	0.0
51	TWS (2)_1	51.14583	5.00000	17.70900	1.34320	16.785	0.0	0.0	0.0
51	TWS (2)_1	53.12500	5.00000	17.70900	1.71719	16.785	0.0	0.0	0.0
51	TWS (2)_1	55.10417	5.00000	17.70900	2.13692	16.785	0.0	0.0	0.0
51	TWS (2)_1	57.08333	5.00000	17.70900	2.59960	16.785	0.0	0.0	0.0
51	TWS (2)_1	59.06250	5.00000	17.70900	3.10147	16.785	0.0	0.0	0.0
51	TWS (2)_1	61.04167	5.00000	17.70900	3.63848	16.785	0.0	0.0	0.0
51	TWS (2)_1	63.02083	5.00000	17.70900	4.20721	16.785	0.0	0.0	0.0
51	TWS (2)_1	65.00000	5.00000	17.70900	4.80598	16.785	0.0	0.0	0.0
52	TWS (2)_2	65.00000	5.00000	16.78300	4.80555	15.832	0.0	0.0	0.0
52	TWS (2)_2	66.85484	4.27419	16.78300	4.80197	15.832	0.0	0.0	0.0
52	TWS (2)_2	68.70968	3.54839	16.78300	4.76827	15.832	0.0	0.0	0.0
52	TWS (2)_2	70.56452	2.82258	16.78300	4.71518	15.832	0.0	0.0	0.0
52	TWS (2)_2	72.41935	2.09677	16.78300	4.65104	15.832	0.0	0.0	0.0
52	TWS (2)_2	74.27419	1.37097	16.78300	4.58110	15.832	0.0	0.0	0.0
52	TWS (2)_2	76.12903	0.64516	16.78300	4.50769	15.832	0.0	0.0	0.0
52	TWS (2)_2	77.98387	-0.08065	16.78300	4.43061	15.832	0.0	0.0	0.0
52	TWS (2)_2	79.83871	-0.80645	16.78300	4.34754	15.832	0.0	0.0	0.0
52	TWS (2)_2	81.69355	-1.53226	16.78300	4.25401	15.832	0.0	0.0	0.0
52	TWS (2)_2	83.54839	-2.25806	16.78300	4.14312	15.832	0.0	0.0	0.0
52	TWS (2)_2	85.40323	-2.98387	16.78300	4.00533	15.832	0.0	0.0	0.0
52	TWS (2)_2	87.25806	-3.70968	16.78300	3.82896	15.832	0.0	0.0	0.0
52	TWS (2)_2	89.11290	-4.43548	16.78300	3.60216	15.832	0.0	0.0	0.0
52	TWS (2)_2	90.96774	-5.16129	16.78300	3.31640	15.832	0.0	0.0	0.0
52	TWS (2)_2	92.82258	-5.88710	16.78300	2.97124	15.832	0.0	0.0	0.0
52	TWS (2)_2	94.67742	-6.61290	16.78300	2.57197	15.832	0.0	0.0	0.0
52	TWS (2)_2	96.53226	-7.33871	16.78300	2.16371	15.832	0.0	0.0	0.0
52	TWS (2)_2	98.38710	-8.06452	16.78300	1.75713	15.832	0.0	0.0	0.0
52	TWS (2)_2	100.24194	-8.79032	16.78300	1.38588	15.832	0.0	0.0	0.0
52	TWS (2)_2	102.09677	-9.51613	16.78300	1.06633	15.832	0.0	0.0	0.0
52	TWS (2)_2	103.95161	-10.24194	16.78300	0.80444	15.832	0.0	0.0	0.0
52	TWS (2)_2	105.80645	-10.96774	16.78300	0.59907	15.832	0.0	0.0	0.0
52	TWS (2)_2	107.66129	-11.69355	16.78300	0.44547	15.832	0.0	0.0	0.0
52	TWS (2)_2	109.51613	-12.41935	16.78300	0.33759	15.832	0.0	0.0	0.0
52	TWS (2)_2	111.37097	-13.14516	16.78300	0.26924	15.832	0.0	0.0	0.0
52	TWS (2)_2	113.22581	-13.87097	16.78300	0.23461	15.832	0.0	0.0	0.0
52	TWS (2)_2	115.08065	-14.59677	16.78300	0.22850	15.832	0.0	0.0	0.0
52	TWS (2)_2	116.93548	-15.32258	16.78300	0.24660	15.832	0.0	0.0	0.0
52	TWS (2)_2	118.79032	-16.04839	16.78300	0.28583	15.832	0.0	0.0	0.0
52	TWS (2)_2	120.64516	-16.77419	16.78300	0.34480	15.832	0.0	0.0	0.0
52	TWS (2)_2	122.50000	-17.50000	16.78300	0.42408	15.832	0.0	0.0	0.0
52	TWS (2)_2	124.35484	-18.22581	16.78300	0.52607	15.832	0.0	0.0	0.0
52	TWS (2)_2	126.20968	-18.95161	16.78300	0.65438	15.832	0.0	0.0	0.0
52	TWS (2)_2	128.06452	-19.67742	16.78300	0.80267	15.832	0.0	0.0	0.0
52	TWS (2)_2	129.91935	-20.40323	16.78300	1.01249	15.832	0.0	0.0	0.0
52	TWS (2)_2	131.77419	-21.12903	16.78300	1.22022	15.832	0.0	0.0	0.0
52	TWS (2)_2	133.62903	-21.85484	16.78300	1.45459	15.832	0.0	0.0	0.0
52	TWS (2)_2	135.48387	-22.58065	16.78300	1.68825	15.832	0.0	0.0	0.0
52	TWS (2)_2	137.33871	-23.30645	16.78300	1.90434	15.832	0.0	0.0	0.0
52	TWS (2)_2	139.19355	-24.03226	16.78300	2.09252	15.832	0.0	0.0	0.0
52	TWS (2)_2	141.04839	-24.75806	16.78300	2.24981	15.832	0.0	0.0	0.0
52	TWS (2)_2	142.90323	-25.48387	16.78300	2.37786	15.832	0.0	0.0	0.0
52	TWS (2)_2	144.75806	-26.20968	16.78300	2.47985	15.832	0.0	0.0	0.0
52	TWS (2)_2	146.61290	-26.93548	16.78300	2.55826	15.832	0.0	0.0	0.0
52	TWS (2)_2	148.46774	-27.66129	16.78300	2.61333	15.832	0.0	0.0	0.0
52	TWS (2)_2	150.32258	-28.38710	16.78300	2.64473	15.832	0.0	0.0	0.0
52	TWS (2)_2	152.17742	-29.11290	16.78300	2.63572	15.832	0.0	0.0	0.0
52	TWS (2)_2	154.03226	-29.83871	16.78300	2.58359	15.832	0.0	0.0	0.0
52	TWS (2)_2	155.88710	-30.56452	16.78300	2.47286	15.832	0.0	0.0	0.0
52	TWS (2)_2	157.74194	-31.29032	16.78300	2.29592	15.832	0.0	0.0	0.0
52	TWS (2)_2	159.59677	-32.01613	16.78300	2.05585	15.832	0.0	0.0	0.0
52	TWS (2)_2	161.45161	-32.74194	16.78300	1.76887	15.832	0.0	0.0	0.0
52	TWS (2)_2	163.30645	-33.46774	16.78300	1.46076	15.832	0.0	0.0	0.0
52	TWS (2)_2	165.16129	-34.19355	16.78300	1.15779	15.832	0.0	0.0	0.0
52	TWS (2)_2	167.01613	-34.91935	16.78300	0.87881	15.832	0.0	0.0	0.0
52	TWS (2)_2	168.87097	-35.64516	16.78300	0.63362	15.832	0.0	0.0	0.0
52	TWS (2)_2	170.72581	-36.37097	16.78300	0.42518	15.832	0.0	0.0	0.0
52	TWS (2)_2	172.58065	-37.09677	16.78300	0.25241	15.832	0.0	0.0	0.0
52	TWS (2)_2	174.43548	-37.82258	16.78300	0.11216	15.832	0.0	0.0	0.0
52	TWS (2)_2	176.29032	-38.54839	16.78300	0.00036	15.832	0.0	0.0	0.0
52	TWS (2)_2	178.14516	-39.27419	16.78300	-0.08723	15.832	0.0	0.0	0.0
52	TWS (2)_2	180.00000	-40.00000	16.78300	-0.15463	15.832	0.0	0.0	0.0
53	canal wall L1	5.99000	50.78000	21.50000	-0.30436	21.125	0.0	0.0	0.0
53	canal wall L1	8.08429	50.76143	21.50000	-0.31560	21.125	0.0	0.0	0.0
53	canal wall L1	10.17857	50.74286	21.50000	-0.32638	21.125	0.0	0.0	0.0
53	canal wall L1	12.27286	50.72429	21.50000	-0.33639	21.125	0.0	0.0	0.0
53	canal wall L1	14.36714	50.70571	21.50000	-0.34519	21.125	0.0	0.0	0.0
53	canal wall L1	16.46143	50.68714	21.50000	-0.35222	21.125	0.0	0.0	0.0
53	canal wall L1	18.55571	50.66857	21.50000	-0.35675	21.125	0.0	0.0	0.0
53	canal wall L1	20.65000	50.65000	21.50000	-0.35783	21.125	0.0	0.0	0.0
54	canal wall L2	20.65000	50.65000	21.50000	-0.35783	21.125	0.0	0.0	0.0
54	canal wall L2	22.67556	50.36667	21.50000	-0.35384	21.125	0.0	0.0	0.0
54	canal wall L2	24.70111	50.08333	21.50000	-0.34323	21.125	0.0	0.0	0.0
54	canal wall L2	26.72667	49.80000	21.50000	-0.32371	21.125	0.0	0.0	0.0
54	canal wall L2	28.75222	49.51667	21.50000	-0.29226	21.125	0.0	0.0	0.0
54	canal wall L2	30.77778	49.23333	21.50000	-0.24488	21.125	0.0	0.0	0.0
54	canal wall L2	32.80333	48.95000	21.50000	-0.17622	21.125	0.0	0.0	0.0
54	canal wall L2	34.82889	48.66667	21.50000	-0.07918	21.125	0.0	0.0	0.0
54	canal wall L2	36.85444	48.38333	21.50000	0.05589	21.125	0.0	0.0	0.0
54	canal wall L2	38.88000	48.10000	21.50000	0.24208	21.125	0.0	0.0	0.0
55	canal wall L3	38.88000	48.10000	21.50000	0.24208	21.125	0.0	0.0	0.0
55	canal wall L3	40.92875	48.22875	21.50000	0.47065	21.125	0.0	0.0	0.0
55	canal wall L3	42.97750	48.35750	21.50000	0.77125	21.125	0.0	0.0	0.0
55	canal wall L3	45.02625	48.48625	21.50000	1.16457	21.125	0.0	0.0	0.0
55	canal wall L3	47.07500	48.61500	21.50000	1.67654	21.125	0.0	0.0	0.0
55	canal wall L3	49.12375	48.74375	21.50000	2.33779	21.125	0.0	0.0	0.0
55	canal wall L3	51.17250	48.87250	21.50000	3.17847	21.125	0.0	0.0	0.0
55	canal wall L3	53.22125	49.00125	21.50000	4.21384	21.125	0.0	0.0	0.0
55	canal wall L3	55.27000	49.13000	21.50000	5.43203	21.125	0.0	0.0	0.0
56	canal wall L4	55.27000	49.13000	21.50000	5.43203	21.125	0.0	0.0	0.0
56	canal wall L4	57.12918	49.82984	21.50000	6.01798	21.125	0.0	0.0	0.0
56	canal wall L4	58.98836	50.52967	21.50000	6.45247	21.125	0.0	0.0	0.0
56	canal wall L4	60.84754	51.22951	2					



RSK ENVIRONMENT LIMITED

Ugly Brown Building
Drained
Plot B & C - Proposed

Job No. Sheet No. Rev.

371459

Drg. Ref.

Made by
MK

Date

Checked

Ref.	Name	x	y	z	δz	Stress: Calc. Level [mOD]	Stress: Vertical [kN/m ²]	Stress: Sum Princ. [kN/m ²]	Vert. Strain [μ]
		[m]	[m]	[mOD]	[mm]				
56	canal wall L4	116.62295	72.22459	21.50000	5.29113	21.125	0.0	0.0	0.0
56	canal wall L4	118.48213	72.92443	21.50000	5.32925	21.125	0.0	0.0	0.0
56	canal wall L4	120.34131	73.62426	21.50000	5.38010	21.125	0.0	0.0	0.0
56	canal wall L4	122.20049	74.32410	21.50000	5.44057	21.125	0.0	0.0	0.0
56	canal wall L4	124.05967	75.02393	21.50000	5.51003	21.125	0.0	0.0	0.0
56	canal wall L4	125.91885	75.72377	21.50000	5.59004	21.125	0.0	0.0	0.0
56	canal wall L4	127.77803	76.42361	21.50000	5.68388	21.125	0.0	0.0	0.0
56	canal wall L4	129.63721	77.12344	21.50000	5.79561	21.125	0.0	0.0	0.0
56	canal wall L4	131.49639	77.82328	21.50000	5.92878	21.125	0.0	0.0	0.0
56	canal wall L4	133.35557	78.52311	21.50000	6.08437	21.125	0.0	0.0	0.0
56	canal wall L4	135.21475	79.22295	21.50000	6.25846	21.125	0.0	0.0	0.0
56	canal wall L4	137.07393	79.92279	21.50000	6.44061	21.125	0.0	0.0	0.0
56	canal wall L4	138.93311	80.62262	21.50000	6.61592	21.125	0.0	0.0	0.0
56	canal wall L4	140.79230	81.32246	21.50000	6.77166	21.125	0.0	0.0	0.0
56	canal wall L4	142.65148	82.02230	21.50000	6.90339	21.125	0.0	0.0	0.0
56	canal wall L4	144.51066	82.72213	21.50000	7.01256	21.125	0.0	0.0	0.0
56	canal wall L4	146.36984	83.42197	21.50000	7.09766	21.125	0.0	0.0	0.0
56	canal wall L4	148.22902	84.12180	21.50000	7.14982	21.125	0.0	0.0	0.0
56	canal wall L4	150.08820	84.82164	21.50000	7.15668	21.125	0.0	0.0	0.0
56	canal wall L4	151.94738	85.52148	21.50000	7.10607	21.125	0.0	0.0	0.0
56	canal wall L4	153.80656	86.22131	21.50000	6.98430	21.125	0.0	0.0	0.0
56	canal wall L4	155.66574	86.92115	21.50000	6.77380	21.125	0.0	0.0	0.0
56	canal wall L4	157.52492	87.62098	21.50000	6.45178	21.125	0.0	0.0	0.0
56	canal wall L4	159.38410	88.32082	21.50000	5.98844	21.125	0.0	0.0	0.0
56	canal wall L4	161.24328	89.02066	21.50000	5.34973	21.125	0.0	0.0	0.0
56	canal wall L4	163.10246	89.72049	21.50000	4.51718	21.125	0.0	0.0	0.0
56	canal wall L4	164.96164	90.42033	21.50000	3.55134	21.125	0.0	0.0	0.0
56	canal wall L4	166.82082	91.12016	21.50000	2.62636	21.125	0.0	0.0	0.0
56	canal wall L4	168.68000	91.82000	21.50000	1.86875	21.125	0.0	0.0	0.0

Results : Consolidation : Displacement Data : Lines

None

Results : Total : Displacement Data : Lines

None

APPENDIX C-2

XDISP OUTPUTS – BUILDING DAMAGE INTERACTION CHARTS



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δy⊥	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	0.0	0.0	-0.099351	0.0	0.0	90.000 *
				1.9444	6.00000	15.94444	22.00000	0.0	0.0	-0.14783	0.0	0.0	90.000 *
				3.8889	6.00000	17.88889	22.00000	0.0	0.0	-0.21026	0.0	0.0	90.000 *
				5.8333	6.00000	19.83333	22.00000	0.0	0.0	-0.28986	0.0	0.0	90.000 *
				7.7778	6.00000	21.77778	22.00000	0.0	0.0	-0.38880	0.0	0.0	90.000 *
				9.7222	6.00000	23.72222	22.00000	0.0	0.0	-0.50360	0.0	0.0	90.000 *
				11.667	6.00000	25.66667	22.00000	0.0	0.0	-0.61744	0.0	0.0	90.000 *
				13.611	6.00000	27.61111	22.00000	0.0	0.0	-0.70730	0.0	0.0	90.000 *
				15.556	6.00000	29.55556	22.00000	0.0	0.0	-0.77527	0.0	0.0	90.000 *
				17.500	6.00000	31.50000	22.00000	0.0	0.0	-0.84056	0.0	0.0	90.000 *
				19.444	6.00000	33.44444	22.00000	0.0	0.0	-0.89220	0.0	0.0	90.000 *
				21.389	6.00000	35.38889	22.00000	0.0	0.0	-0.89147	0.0	0.0	90.000 *
				23.333	6.00000	37.33333	22.00000	0.0	0.0	-0.83120	0.0	0.0	90.000 *
				25.278	6.00000	39.27778	22.00000	0.0	0.0	-0.73776	0.0	0.0	90.000 *
				27.222	6.00000	41.22222	22.00000	0.0	0.0	-0.62405	0.0	0.0	90.000 *
				29.167	6.00000	43.16667	22.00000	0.0	0.0	-0.50000	0.0	0.0	90.000 *
				31.111	6.00000	45.11111	22.00000	0.0	0.0	-0.38374	0.0	0.0	90.000 *
				33.056	6.00000	47.05556	22.00000	0.0	0.0	-0.28597	0.0	0.0	90.000 *
				35.000	6.00000	49.00000	22.00000	0.0	0.0	-0.20777	0.0	0.0	90.000 *
2			Canal Side Studios_2	0.0	6.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	180.00 *
				2.0000	4.00000	49.00000	22.00000	0.0	0.0	-0.15112	0.0	0.0	180.00 *
				4.0000	2.00000	49.00000	22.00000	0.0	0.0	-0.10444	0.0	0.0	180.00 *
				6.0000	0.00000	49.00000	22.00000	0.0	0.0	-0.067095	0.0	0.0	180.00 *
				8.0000	-2.00000	49.00000	22.00000	0.0	0.0	-0.037839	0.0	0.0	180.00 *
				10.000	-4.00000	49.00000	22.00000	0.0	0.0	0.015302	0.0	0.0	180.00 *
				12.000	-6.00000	49.00000	22.00000	0.0	0.0	0.00017940	0.0	0.0	180.00 *
				14.000	-8.00000	49.00000	22.00000	0.0	0.0	0.014552	0.0	0.0	180.00 *
				16.000	-10.00000	49.00000	22.00000	0.0	0.0	0.023891	0.0	0.0	180.00 *
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.030556	0.0	0.0	180.00 *
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	180.00 *
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	270.00 *
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.033385	0.0	0.0	270.00 *
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.031583	0.0	0.0	270.00 *
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.029383	0.0	0.0	270.00 *
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.027236	0.0	0.0	270.00 *
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.026891	0.0	0.0	270.00 *
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.025884	0.0	0.0	270.00 *
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.025283	0.0	0.0	270.00 *
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.025129	0.0	0.0	270.00 *
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.025431	0.0	0.0	270.00 *
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.026168	0.0	0.0	270.00 *
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.027292	0.0	0.0	270.00 *
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.028730	0.0	0.0	270.00 *
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.030393	0.0	0.0	270.00 *
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.031184	0.0	0.0	270.00 *
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.034008	0.0	0.0	270.00 *
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.035774	0.0	0.0	270.00 *
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.037405	0.0	0.0	270.00 *
4			Canal Side Studios_4	0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.038840	0.0	0.0	0.0 *
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.036128	0.0	0.0	0.0 *
				4.0000	-10.00000	14.00000	22.00000	0.0	0.0	0.032046	0.0	0.0	0.0 *
				6.0000	-8.00000	14.00000	22.00000	0.0	0.0	0.026249	0.0	0.0	0.0 *
				8.0000	-6.00000	14.00000	22.00000	0.0	0.0	0.018332	0.0	0.0	0.0 *
				10.000	-4.00000	14.00000	22.00000	0.0	0.0	0.0078331	0.0	0.0	0.0 *
				12.000	-2.00000	14.00000	22.00000	0.0	0.0	-0.0057514	0.0	0.0	0.0 *
				14.000	0.00000	14.00000	22.00000	0.0	0.0	-0.022930	0.0	0.0	0.0 *
				16.000	2.00000	14.00000	22.00000	0.0	0.0	-0.044144	0.0	0.0	0.0 *
				18.000	4.00000	14.00000	22.00000	0.0	0.0	-0.069649	0.0	0.0	0.0 *
				20.000	6.00000	14.00000	22.00000	0.0	0.0	-0.099351	0.0	0.0	0.0 *
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.0	0.035775	0.0	0.0	176.82 *
				2.0031	43.00000	0.11111	20.00000	0.0	0.0	0.032458	0.0	0.0	176.82 *
				4.0062	41.00000	0.22222	20.00000	0.0	0.0	0.028918	0.0	0.0	176.82 *
				6.0093	39.00000	0.33333	20.00000	0.0	0.0	0.025293	0.0	0.0	176.82 *
				8.0123	37.00000	0.44444	20.00000	0.0	0.0	0.021724	0.0	0.0	176.82 *
				10.015	35.00000	0.55556	20.00000	0.0	0.0	0.018353	0.0	0.0	176.82 *
				12.019	33.00000	0.66667	20.00000	0.0	0.0	0.015309	0.0	0.0	176.82 *
				14.022	31.00000	0.77778	20.00000	0.0	0.0	0.012705	0.0	0.0	176.82 *
				16.025	29.00000	0.88889	20.00000	0.0	0.0	0.010636	0.0	0.0	176.82 *
				18.028	27.00000	1.00000	20.00000	0.0	0.0	0.0091705	0.0	0.0	176.82 *
6			Beaumont Court_2	0.0	27.00000	1.00000	20.00000	0.0	0.0	0.0091705	0.0	0.0	264.81 *
				1.8409	26.83333	-0.83333	20.00000	0.0	0.0	0.021667	0.0	0.0	264.81 *
				3.6818	26.66667	-2.66667	20.00000	0.0	0.0	0.030565	0.0	0.0	264.81 *
				5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.036739	0.0	0.0	264.81 *
				7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.040851	0.0	0.0	264.81 *
				9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.043404	0.0	0.0	264.81 *
				11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.044783	0.0	0.0	264.81 *
7			Beaumont Court_3	0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.044783	0.0	0.0	0.0 *
				1.7500	27.75000	-10.00000	20.00000	0.0	0.0				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δPerp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	0.017138	0.0	86.135	*
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	0.018019	0.0	86.135	*
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	0.018950	0.0	86.135	*
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	0.019935	0.0	86.135	*
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	0.020976	0.0	86.135	*
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	0.022076	0.0	86.135	*
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	0.023235	0.0	86.135	*
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	0.024455	0.0	86.135	*
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	0.025738	0.0	86.135	*
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	0.027082	0.0	86.135	*
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	0.028486	0.0	86.135	*
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	0.029947	0.0	86.135	*
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	0.031461	0.0	86.135	*
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	0.033019	0.0	86.135	*
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	0.034610	0.0	86.135	*
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	0.036218	0.0	86.135	*
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	0.037823	0.0	86.135	*
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	0.039394	0.0	86.135	*
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	0.040895	0.0	86.135	*
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	0.042425	0.0	86.135	*
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	0.043969	0.0	86.135	*
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	0.045494	0.0	86.135	*
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	0.047000	0.0	86.135	*
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	0.048498	0.0	86.135	*
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	0.049980	0.0	86.135	*
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	0.051449	0.0	86.135	*
					72.164	44.86486	-2.00000	20.00000	0.0	0.0	0.052900	0.0	86.135	*
					74.169	45.00000	0.00000	20.00000	0.0	0.0	0.053775	0.0	86.135	*
11	TP No.1_1			0.0	96.00000	-16.00000	20.00000	0.0	0.0	0.018268	0.0	153.43	*	
				1.8634	94.33333	-15.16667	20.00000	0.0	0.0	0.019184	0.0	153.43	*	
				3.7268	92.66667	-14.33333	20.00000	0.0	0.0	0.020155	0.0	153.43	*	
				5.5902	91.00000	-13.50000	20.00000	0.0	0.0	0.021182	0.0	153.43	*	
				7.4536	89.33333	-12.66667	20.00000	0.0	0.0	0.022269	0.0	153.43	*	
				9.3169	87.66667	-11.83333	20.00000	0.0	0.0	0.023419	0.0	153.43	*	
12	TP No.1_2			11.180	86.00000	-11.00000	20.00000	0.0	0.0	0.024633	0.0	243.43	*	
				0.0	86.00000	-11.00000	20.00000	0.0	0.0	0.024633	0.0	243.43	*	
				1.8634	85.16667	-12.66667	20.00000	0.0	0.0	0.024404	0.0	243.43	*	
				3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.024149	0.0	243.43	*	
				5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.023870	0.0	243.43	*	
				7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.023568	0.0	243.43	*	
				9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.023244	0.0	243.43	*	
				11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.022900	0.0	243.43	*	
13	TP No.1_3			0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.022900	0.0	155.22	*	
				2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.024128	0.0	155.22	*	
				4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.025420	0.0	155.22	*	
				6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.026775	0.0	155.22	*	
				8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.028193	0.0	155.22	*	
				10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.029668	0.0	155.22	*	
				12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.031197	0.0	155.22	*	
14	TP No.1_4			14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.032771	0.0	155.22	*	
				0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.032771	0.0	246.50	*	
				2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.031967	0.0	246.50	*	
				4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.031141	0.0	246.50	*	
				6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.030297	0.0	246.50	*	
				8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.029439	0.0	246.50	*	
				10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.028568	0.0	246.50	*	
				12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.027691	0.0	246.50	*	
15	TP No.1_5			0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.027691	0.0	333.43	*	
				1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.026466	0.0	333.43	*	
				3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.025281	0.0	333.43	*	
				5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.024140	0.0	333.43	*	
				7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.023043	0.0	333.43	*	
				9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.021992	0.0	333.43	*	
				11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.020985	0.0	333.43	*	
				13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.020024	0.0	333.43	*	
				15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.019107	0.0	333.43	*	
				17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.018234	0.0	333.43	*	
				19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.017402	0.0	333.43	*	
				21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.016612	0.0	333.43	*	
				23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.015860	0.0	333.43	*	
				25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.015146	0.0	333.43	*	
				27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.014468	0.0	333.43	*	
				29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.013824	0.0	333.43	*	
				31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.013213	0.0	333.43	*	
				33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.012634	0.0	333.43	*	
				35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.012084	0.0	333.43	*	
				37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.011561	0.0			



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δH//	δsperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					23.887	128.60000	-43.20000	20.00000	0.0	0.0	0.0067692	0.0	0.0 334.72 *
					25.878	130.40000	-44.05000	20.00000	0.0	0.0	0.0065033	0.0	0.0 334.72 *
					27.868	132.20000	-44.90000	20.00000	0.0	0.0	0.0062505	0.0	0.0 334.72 *
					29.859	134.00000	-45.75000	20.00000	0.0	0.0	0.0060101	0.0	0.0 334.72 *
					31.850	135.80000	-46.60000	20.00000	0.0	0.0	0.0057814	0.0	0.0 334.72 *
					33.840	137.60000	-47.45000	20.00000	0.0	0.0	0.0055637	0.0	0.0 334.72 *
					35.831	139.40000	-48.30000	20.00000	0.0	0.0	0.0053564	0.0	0.0 334.72 *
					37.821	141.20000	-49.15000	20.00000	0.0	0.0	0.0051589	0.0	0.0 334.72 *
					39.812	143.00000	-50.00000	20.00000	0.0	0.0	0.0049707	0.0	0.0 334.72 *
		22	TP No.2_4		0.0	143.00000	-50.00000	20.00000	0.0	0.0	0.0049707	0.0	0.0 60.945 *
					2.0591	144.00000	-48.20000	20.00000	0.0	0.0	0.0049894	0.0	0.0 60.945 *
					4.1183	145.00000	-46.40000	20.00000	0.0	0.0	0.0050055	0.0	0.0 60.945 *
					6.1774	146.00000	-44.60000	20.00000	0.0	0.0	0.0050188	0.0	0.0 60.945 *
					8.2365	147.00000	-42.80000	20.00000	0.0	0.0	0.0050294	0.0	0.0 60.945 *
					10.296	148.00000	-41.00000	20.00000	0.0	0.0	0.0050373	0.0	0.0 60.945 *
		23	TP No.3_1		0.0	200.00000	-55.00000	20.00000	0.0	0.0	0.0021196	0.0	0.0 154.44 *
					2.0396	198.16000	-54.12000	20.00000	0.0	0.0	0.0021835	0.0	0.0 154.44 *
					4.0792	196.32000	-53.24000	20.00000	0.0	0.0	0.0022500	0.0	0.0 154.44 *
					6.1188	194.48000	-52.36000	20.00000	0.0	0.0	0.0023192	0.0	0.0 154.44 *
					8.1584	192.64000	-51.48000	20.00000	0.0	0.0	0.0023912	0.0	0.0 154.44 *
					10.198	190.80000	-50.60000	20.00000	0.0	0.0	0.0024661	0.0	0.0 154.44 *
					12.238	188.96000	-49.72000	20.00000	0.0	0.0	0.0025442	0.0	0.0 154.44 *
					14.277	187.12000	-48.84000	20.00000	0.0	0.0	0.0026255	0.0	0.0 154.44 *
					16.317	185.28000	-47.96000	20.00000	0.0	0.0	0.0027103	0.0	0.0 154.44 *
					18.356	183.44000	-47.08000	20.00000	0.0	0.0	0.0027987	0.0	0.0 154.44 *
					20.396	181.60000	-46.20000	20.00000	0.0	0.0	0.0028909	0.0	0.0 154.44 *
					22.436	179.76000	-45.32000	20.00000	0.0	0.0	0.0029871	0.0	0.0 154.44 *
					24.475	177.92000	-44.44000	20.00000	0.0	0.0	0.0030876	0.0	0.0 154.44 *
					26.515	176.08000	-43.56000	20.00000	0.0	0.0	0.0031926	0.0	0.0 154.44 *
					28.555	174.24000	-42.68000	20.00000	0.0	0.0	0.0032922	0.0	0.0 154.44 *
					30.594	172.40000	-41.80000	20.00000	0.0	0.0	0.0034168	0.0	0.0 154.44 *
					32.634	170.56000	-40.92000	20.00000	0.0	0.0	0.0035367	0.0	0.0 154.44 *
					34.673	168.72000	-40.04000	20.00000	0.0	0.0	0.0036621	0.0	0.0 154.44 *
					36.713	166.88000	-39.16000	20.00000	0.0	0.0	0.0037934	0.0	0.0 154.44 *
					38.753	165.04000	-38.28000	20.00000	0.0	0.0	0.0039310	0.0	0.0 154.44 *
					40.792	163.20000	-37.40000	20.00000	0.0	0.0	0.0040750	0.0	0.0 154.44 *
					42.832	161.36000	-36.52000	20.00000	0.0	0.0	0.0042260	0.0	0.0 154.44 *
					44.871	159.52000	-35.64000	20.00000	0.0	0.0	0.0043844	0.0	0.0 154.44 *
					46.911	157.68000	-34.76000	20.00000	0.0	0.0	0.0045506	0.0	0.0 154.44 *
					48.951	155.84000	-33.88000	20.00000	0.0	0.0	0.0047251	0.0	0.0 154.44 *
					50.990	154.00000	-33.00000	20.00000	0.0	0.0	0.0049083	0.0	0.0 154.44 *
		24	TP No.3_2		0.0	154.00000	-33.00000	20.00000	0.0	0.0	0.0049083	0.0	0.0 243.43 *
					1.9166	153.14286	-34.71429	20.00000	0.0	0.0	0.0049058	0.0	0.0 243.43 *
					3.8333	152.28571	-36.42857	20.00000	0.0	0.0	0.0049010	0.0	0.0 243.43 *
					5.7499	151.42857	-38.14286	20.00000	0.0	0.0	0.0048938	0.0	0.0 243.43 *
					7.6665	150.57143	-39.85714	20.00000	0.0	0.0	0.0048844	0.0	0.0 243.43 *
					9.5831	149.71429	-41.57143	20.00000	0.0	0.0	0.0048727	0.0	0.0 243.43 *
					11.500	148.85714	-43.28571	20.00000	0.0	0.0	0.0048587	0.0	0.0 243.43 *
					13.416	148.00000	-45.00000	20.00000	0.0	0.0	0.0048425	0.0	0.0 243.43 *
		25	TP No.3_3		0.0	148.00000	-45.00000	20.00000	0.0	0.0	0.0048425	0.0	0.0 335.46 *
					2.0227	149.84000	-45.84000	20.00000	0.0	0.0	0.0046654	0.0	0.0 335.46 *
					4.0453	151.68000	-46.68000	20.00000	0.0	0.0	0.0044965	0.0	0.0 335.46 *
					6.0680	153.52000	-47.52000	20.00000	0.0	0.0	0.0043354	0.0	0.0 335.46 *
					8.0907	155.36000	-48.36000	20.00000	0.0	0.0	0.0041818	0.0	0.0 335.46 *
					10.113	157.20000	-49.20000	20.00000	0.0	0.0	0.0040351	0.0	0.0 335.46 *
					12.136	159.04000	-50.04000	20.00000	0.0	0.0	0.0038950	0.0	0.0 335.46 *
					14.159	160.88000	-50.88000	20.00000	0.0	0.0	0.0037612	0.0	0.0 335.46 *
					16.181	162.72000	-51.72000	20.00000	0.0	0.0	0.0036333	0.0	0.0 335.46 *
					18.204	164.56000	-52.56000	20.00000	0.0	0.0	0.0035110	0.0	0.0 335.46 *
					20.227	166.40000	-53.40000	20.00000	0.0	0.0	0.0033940	0.0	0.0 335.46 *
					22.249	168.24000	-54.24000	20.00000	0.0	0.0	0.0032820	0.0	0.0 335.46 *
					24.272	170.08000	-55.08000	20.00000	0.0	0.0	0.0031748	0.0	0.0 335.46 *
					26.295	171.92000	-55.92000	20.00000	0.0	0.0	0.0030721	0.0	0.0 335.46 *
					28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0029736	0.0	0.0 335.46 *
					30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0028793	0.0	0.0 335.46 *
					32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0027898	0.0	0.0 335.46 *
					34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0027020	0.0	0.0 335.46 *
					36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0026187	0.0	0.0 335.46 *
					38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0025388	0.0	0.0 335.46 *
					40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0024620	0.0	0.0 335.46 *
					42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0023882	0.0	0.0 335.46 *
					44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0023173	0.0	0.0 335.46 *
					46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0022491	0.0	0.0 335.46 *
					48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0021835	0.0	0.0 335.46 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δy/perp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				11.500	200.500000	-19.000000	19.000000	0.0	0.0	0.0025665	0.0	0.0	180.00
				13.417	198.583333	-19.000000	19.000000	0.0	0.0	0.0026405	0.0	0.0	180.00
				15.333	196.666667	-19.000000	19.000000	0.0	0.0	0.0027172	0.0	0.0	180.00
				17.250	194.750000	-19.000000	19.000000	0.0	0.0	0.0027967	0.0	0.0	180.00
				19.167	192.833333	-19.000000	19.000000	0.0	0.0	0.0028793	0.0	0.0	180.00
				21.083	190.916667	-19.000000	19.000000	0.0	0.0	0.0029649	0.0	0.0	180.00
				23.000	189.000000	-19.000000	19.000000	0.0	0.0	0.0030539	0.0	0.0	180.00
	33		Hospital No.2_1	0.0	189.000000	37.000000	19.000000	0.0	0.0	0.0034889	0.0	0.0	270.00
				2.0000	189.000000	35.000000	19.000000	0.0	0.0	0.0034909	0.0	0.0	270.00
				4.0000	189.000000	33.000000	19.000000	0.0	0.0	0.0034914	0.0	0.0	270.00
				6.0000	189.000000	31.000000	19.000000	0.0	0.0	0.0034905	0.0	0.0	270.00
				8.0000	189.000000	29.000000	19.000000	0.0	0.0	0.0034881	0.0	0.0	270.00
				10.000	189.000000	27.000000	19.000000	0.0	0.0	0.0034844	0.0	0.0	270.00
				12.000	189.000000	25.000000	19.000000	0.0	0.0	0.0034792	0.0	0.0	270.00
				14.000	189.000000	23.000000	19.000000	0.0	0.0	0.0034726	0.0	0.0	270.00
				16.000	189.000000	21.000000	19.000000	0.0	0.0	0.0034646	0.0	0.0	270.00
				18.000	189.000000	19.000000	19.000000	0.0	0.0	0.0034553	0.0	0.0	270.00
				20.000	189.000000	17.000000	19.000000	0.0	0.0	0.0034446	0.0	0.0	270.00
				22.000	189.000000	15.000000	19.000000	0.0	0.0	0.0034325	0.0	0.0	270.00
				24.000	189.000000	13.000000	19.000000	0.0	0.0	0.0034182	0.0	0.0	270.00
				26.000	189.000000	11.000000	19.000000	0.0	0.0	0.0034046	0.0	0.0	270.00
				28.000	189.000000	9.000000	19.000000	0.0	0.0	0.0033887	0.0	0.0	270.00
				30.000	189.000000	7.000000	19.000000	0.0	0.0	0.0033715	0.0	0.0	270.00
				32.000	189.000000	5.000000	19.000000	0.0	0.0	0.0033532	0.0	0.0	270.00
	34		Hospital No.2_2	0.0	19.000000	5.000000	19.000000	0.0	0.0	0.0024152	0.0	0.0	0.0
				2.0000	191.000000	5.000000	19.000000	0.0	0.0	0.0032450	0.0	0.0	0.0
				4.0000	193.000000	5.000000	19.000000	0.0	0.0	0.0031414	0.0	0.0	0.0
				6.0000	195.000000	5.000000	19.000000	0.0	0.0	0.0030419	0.0	0.0	0.0
				8.0000	197.000000	5.000000	19.000000	0.0	0.0	0.0029466	0.0	0.0	0.0
				10.000	199.000000	5.000000	19.000000	0.0	0.0	0.0028551	0.0	0.0	0.0
				12.000	201.000000	5.000000	19.000000	0.0	0.0	0.0027672	0.0	0.0	0.0
				14.000	203.000000	5.000000	19.000000	0.0	0.0	0.0026828	0.0	0.0	0.0
				16.000	205.000000	5.000000	19.000000	0.0	0.0	0.0026018	0.0	0.0	0.0
				18.000	207.000000	5.000000	19.000000	0.0	0.0	0.0025239	0.0	0.0	0.0
				20.000	209.000000	5.000000	19.000000	0.0	0.0	0.0024480	0.0	0.0	0.0
				22.000	211.000000	5.000000	19.000000	0.0	0.0	0.0023770	0.0	0.0	0.0
				24.000	213.000000	5.000000	19.000000	0.0	0.0	0.0023077	0.0	0.0	0.0
				26.000	215.000000	5.000000	19.000000	0.0	0.0	0.0022410	0.0	0.0	0.0
				28.000	217.000000	5.000000	19.000000	0.0	0.0	0.0021769	0.0	0.0	0.0
				30.000	219.000000	5.000000	19.000000	0.0	0.0	0.0021151	0.0	0.0	0.0
				32.000	221.000000	5.000000	19.000000	0.0	0.0	0.0020555	0.0	0.0	0.0
				34.000	223.000000	5.000000	19.000000	0.0	0.0	0.0019982	0.0	0.0	0.0
				36.000	225.000000	5.000000	19.000000	0.0	0.0	0.0019429	0.0	0.0	0.0
	35		Hospital No.2_3	0.0	225.000000	5.000000	19.000000	0.0	0.0	0.0019429	0.0	0.0	90.00
				2.0000	225.000000	7.000000	19.000000	0.0	0.0	0.0019503	0.0	0.0	90.00
				4.0000	225.000000	9.000000	19.000000	0.0	0.0	0.0019572	0.0	0.0	90.00
				6.0000	225.000000	11.000000	19.000000	0.0	0.0	0.0019636	0.0	0.0	90.00
				8.0000	225.000000	13.000000	19.000000	0.0	0.0	0.0019695	0.0	0.0	90.00
				10.000	225.000000	15.000000	19.000000	0.0	0.0	0.0019748	0.0	0.0	90.00
				12.000	225.000000	17.000000	19.000000	0.0	0.0	0.0019796	0.0	0.0	90.00
				14.000	225.000000	19.000000	19.000000	0.0	0.0	0.0019839	0.0	0.0	90.00
				16.000	225.000000	21.000000	19.000000	0.0	0.0	0.0019876	0.0	0.0	90.00
				18.000	225.000000	23.000000	19.000000	0.0	0.0	0.0019908	0.0	0.0	90.00
				20.000	225.000000	25.000000	19.000000	0.0	0.0	0.0019934	0.0	0.0	90.00
				22.000	225.000000	27.000000	19.000000	0.0	0.0	0.0019955	0.0	0.0	90.00
				24.000	225.000000	29.000000	19.000000	0.0	0.0	0.0019970	0.0	0.0	90.00
				26.000	225.000000	31.000000	19.000000	0.0	0.0	0.0019979	0.0	0.0	90.00
				28.000	225.000000	33.000000	19.000000	0.0	0.0	0.0019983	0.0	0.0	90.00
				30.000	225.000000	35.000000	19.000000	0.0	0.0	0.0019981	0.0	0.0	90.00
				32.000	225.000000	37.000000	19.000000	0.0	0.0	0.0019973	0.0	0.0	90.00
	36		Hospital No.2_4	0.0	225.000000	37.000000	19.000000	0.0	0.0	0.0019973	0.0	0.0	180.00
				2.0000	223.000000	37.000000	19.000000	0.0	0.0	0.0020552	0.0	0.0	180.00
				4.0000	221.000000	37.000000	19.000000	0.0	0.0	0.0021153	0.0	0.0	180.00
				6.0000	219.000000	37.000000	19.000000	0.0	0.0	0.0021778	0.0	0.0	180.00
				8.0000	217.000000	37.000000	19.000000	0.0	0.0	0.0022427	0.0	0.0	180.00
				10.000	215.000000	37.000000	19.000000	0.0	0.0	0.0023101	0.0	0.0	180.00
				12.000	213.000000	37.000000	19.000000	0.0	0.0	0.0023803	0.0	0.0	180.00
				14.000	211.000000	37.000000	19.000000	0.0	0.0	0.0024532	0.0	0.0	180.00
				16.000	209.000000	37.000000	19.000000	0.0	0.0	0.0025291	0.0	0.0	180.00
				18.000	207.000000	37.000000	19.000000	0.0	0.0	0.0026082	0.0	0.0	180.00
				20.000	205.000000	37.000000	19.000000	0.0	0.0	0.0026905	0.0	0.0	180.00
				22.000	203.000000	37.000000	19.000000	0.0	0.0	0.0027762	0.0	0.0	180.00
				24.000	201.000000	37.000000	19.000000	0.0	0.0	0.0028656	0.0	0.0	180.00
				26.000	199.000000	37.000000	19.000000	0.0	0.0	0.0029587	0.0	0.0	180.00
				28.000	197.000000	37.000000	19.000000	0.0	0.0	0.0030559	0.0	0.0	180.00
				30.000	195.000000	37.000000	19.000000	0.0	0.0	0.0031572	0.0	0.0	180.00
				32.000	193.000000	37.000000	19.000000	0.0	0.0	0.0032630	0.0	0.0	180.00
				34.000	191.000000	37.000000	19.000000	0.0	0.0	0.0033735	0.0	0.0	180.00
				36.000	189.000000	37.000000	19.000000	0.0	0.0	0.0034889	0.0	0.0	180.00
	37		Hospital No.3_1	0.0	189.000000	37.000000	19.000000	0.0	0.0	0.0034889	0.0	0.0	270.00
				1.9375	189.000000	75.062500	19.000000	0.0	0.0	0.0032012	0.0	0.0	270.00
				3.8750	189.000000	73.125000	19.000000	0.0	0.0	0.0032258	0.0	0.0	270.00
				5.8125	189.000000	71.187500	19.000000	0.0	0.0	0.0032496	0.0	0.0	270.00
				7.7500	189.000000	69.250000	19.000000	0.0	0.0	0.0032724	0.0	0.0	270.00
				9.6875	189.000000	67.312500	19.000000	0.0	0.0	0.0032943	0.0	0.0	270.00
				11.6250	189.000000	65.375000	19.000000	0.0	0.0	0.0033152	0.0	0.0	270.00
				13.563	189.000000	63.437500	19.000000	0.0	0.0	0.0033350	0.0	0.0	270.00
				15.500	189.000000	61.500000	19.000000	0.0	0.0	0.0033538	0.0	0.0	270.00
				17.438	189.000000	59.562500	19.000000	0.0	0.0	0.0033715	0.0	0.0	270.00
				19.375	189.000000	57.625000	19.000000	0.0	0.0	0.0033881	0.0	0.0	270.00
				21.313	189.000000	55.687500	19.000000	0.0	0.0	0.0034036	0.0	0.0	270.00



RSK ENVIRONMENT LIMITED

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

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]	[°]
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.0018069	0.0	90.000 *
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.0017997	0.0	90.000 *
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.0017921	0.0	90.000 *
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.0017842	0.0	90.000 *
					25.188	230.00000	71.18750	19.00000	0.0	0.0	0.0017758	0.0	90.000 *
					27.125	230.00000	73.12500	19.00000	0.0	0.0	0.0017671	0.0	90.000 *
					29.063	230.00000	75.06250	19.00000	0.0	0.0	0.0017581	0.0	90.000 *
					31.000	230.00000	77.00000	19.00000	0.0	0.0	0.0017486	0.0	90.000 *
44			Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	0.0017486	0.0	180.000 *
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	0.0017950	0.0	180.000 *
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	0.0018429	0.0	180.000 *
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	0.0018925	0.0	180.000 *
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	0.0019439	0.0	180.000 *
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	0.0019971	0.0	180.000 *
					11.714	218.28571	77.00000	19.00000	0.0	0.0	0.0020522	0.0	180.000 *
					13.667	216.33333	77.00000	19.00000	0.0	0.0	0.0021093	0.0	180.000 *
					15.619	214.38095	77.00000	19.00000	0.0	0.0	0.0021685	0.0	180.000 *
					17.571	212.42857	77.00000	19.00000	0.0	0.0	0.0022298	0.0	180.000 *
					19.524	210.47619	77.00000	19.00000	0.0	0.0	0.0022934	0.0	180.000 *
					21.476	208.52381	77.00000	19.00000	0.0	0.0	0.0023593	0.0	180.000 *
					23.429	206.57143	77.00000	19.00000	0.0	0.0	0.0024278	0.0	180.000 *
					25.381	204.61905	77.00000	19.00000	0.0	0.0	0.0024988	0.0	180.000 *
					27.333	202.66667	77.00000	19.00000	0.0	0.0	0.0025725	0.0	180.000 *
					29.286	200.71429	77.00000	19.00000	0.0	0.0	0.0026491	0.0	180.000 *
					31.238	198.76190	77.00000	19.00000	0.0	0.0	0.0027286	0.0	180.000 *
					33.190	196.80952	77.00000	19.00000	0.0	0.0	0.0028112	0.0	180.000 *
					35.143	194.85714	77.00000	19.00000	0.0	0.0	0.0028971	0.0	180.000 *
					37.095	192.90476	77.00000	19.00000	0.0	0.0	0.0029863	0.0	180.000 *
					39.048	190.95238	77.00000	19.00000	0.0	0.0	0.0030792	0.0	180.000 *
					41.000	189.00000	77.00000	19.00000	0.0	0.0	0.0031757	0.0	180.000 *
45			Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	0.036301	0.0	358.75 *
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	0.037633	0.0	358.75 *
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	0.038862	0.0	358.75 *
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	0.039939	0.0	358.75 *
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	0.040800	0.0	358.75 *
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	0.041369	0.0	358.75 *
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	0.041548	0.0	358.75 *
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	0.041221	0.0	358.75 *
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	0.040250	0.0	358.75 *
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	0.039467	0.0	358.75 *
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	0.038682	0.0	358.75 *
					22.005	-8.00000	11.52174	21.00000	0.0	0.0	0.037675	0.0	358.75 *
					24.006	-6.00000	11.47826	21.00000	0.0	0.0	0.026208	0.0	358.75 *
					26.006	-4.00000	11.43478	21.00000	0.0	0.0	0.019029	0.0	358.75 *
					28.007	-2.00000	11.39130	21.00000	0.0	0.0	0.009975	0.0	358.75 *
					30.007	0.00000	11.34783	21.00000	0.0	0.0	-0.0013885	0.0	358.75 *
					32.008	2.00000	11.30435	21.00000	0.0	0.0	-0.014945	0.0	358.75 *
					34.008	4.00000	11.26087	21.00000	0.0	0.0	-0.030744	0.0	358.75 *
					36.009	6.00000	11.21739	21.00000	0.0	0.0	-0.048560	0.0	358.75 *
					38.009	8.00000	11.17391	21.00000	0.0	0.0	-0.067937	0.0	358.75 *
					40.009	10.00000	11.13043	21.00000	0.0	0.0	-0.088199	0.0	358.75 *
					42.010	12.00000	11.08696	21.00000	0.0	0.0	-0.10853	0.0	358.75 *
					44.010	14.00000	11.04348	21.00000	0.0	0.0	-0.12806	0.0	358.75 *
					46.011	16.00000	11.00000	21.00000	0.0	0.0	-0.14595	0.0	358.75 *
					48.011	18.00000	10.95652	21.00000	0.0	0.0	-0.16146	0.0	358.75 *
					50.012	20.00000	10.91304	21.00000	0.0	0.0	-0.17397	0.0	358.75 *
					52.012	22.00000	10.86957	21.00000	0.0	0.0	-0.18306	0.0	358.75 *
					54.013	24.00000	10.82609	21.00000	0.0	0.0	-0.18847	0.0	358.75 *
					56.013	26.00000	10.78261	21.00000	0.0	0.0	-0.19006	0.0	358.75 *
					58.014	28.00000	10.73913	21.00000	0.0	0.0	-0.18779	0.0	358.75 *
					60.014	30.00000	10.69565	21.00000	0.0	0.0	-0.18169	0.0	358.75 *
					62.015	32.00000	10.65217	21.00000	0.0	0.0	-0.17179	0.0	358.75 *
					64.015	34.00000	10.60870	21.00000	0.0	0.0	-0.15822	0.0	358.75 *
					66.016	36.00000	10.56522	21.00000	0.0	0.0	-0.14123	0.0	358.75 *
					68.016	38.00000	10.52174	21.00000	0.0	0.0	-0.12127	0.0	358.75 *
					70.017	40.00000	10.47826	21.00000	0.0	0.0	-0.099057	0.0	358.75 *
					72.017	42.00000	10.43478	21.00000	0.0	0.0	-0.075560	0.0	358.75 *
					74.017	44.00000	10.39130	21.00000	0.0	0.0	-0.051895	0.0	358.75 *
					76.018	46.00000	10.34783	21.00000	0.0	0.0	-0.029196	0.0	358.75 *
					78.018	48.00000	10.30435	21.00000	0.0	0.0	-0.0084720	0.0	358.75 *
					80.019	50.00000	10.26087	21.00000	0.0	0.0	0.0095012	0.0	358.75 *
					82.019	52.00000	10.21739	21.00000	0.0	0.0	0.024251	0.0	358.75 *
					84.020	54.00000	10.17391	21.00000	0.0	0.0	0.035635	0.0	358.75 *
					86.020	56.00000	10.13043	21.00000	0.0	0.0	0.043816	0.0	358.75 *
					88.021	58.00000	10.08696	21.00000	0.0	0.0	0.049190	0.0	358.75 *
					90.021	60.00000	10.04348	21.00000	0.0	0.0	0.052276	0.0	358.75 *
					92.022	62.00000	10.00000	21.00000	0.0	0.0	0.053606	0.0	358.75 *
46			Rd_2		0.0	62.00000							



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	[°]
					6.0052	179.75000	84.00000	21.50000	0.0	0.0	0.0035653	0.0	0.0 267.61 *
					8.0069	179.66667	82.00000	21.50000	0.0	0.0	0.0035073	0.0	0.0 267.61 *
					10.009	179.58333	80.00000	21.50000	0.0	0.0	0.0036486	0.0	0.0 267.61 *
					12.010	179.50000	78.00000	21.50000	0.0	0.0	0.0036891	0.0	0.0 267.61 *
					14.012	179.41667	76.00000	21.50000	0.0	0.0	0.0037288	0.0	0.0 267.61 *
					16.014	179.33333	74.00000	21.50000	0.0	0.0	0.0037675	0.0	0.0 267.61 *
					18.016	179.25000	72.00000	21.50000	0.0	0.0	0.0038053	0.0	0.0 267.61 *
					20.017	179.16667	70.00000	21.50000	0.0	0.0	0.0038420	0.0	0.0 267.61 *
					22.019	179.08333	68.00000	21.50000	0.0	0.0	0.0038776	0.0	0.0 267.61 *
					24.021	179.00000	66.00000	21.50000	0.0	0.0	0.0039121	0.0	0.0 267.61 *
					26.023	178.91667	64.00000	21.50000	0.0	0.0	0.0039453	0.0	0.0 267.61 *
					28.024	178.83333	62.00000	21.50000	0.0	0.0	0.0039771	0.0	0.0 267.61 *
					30.026	178.75000	60.00000	21.50000	0.0	0.0	0.0040076	0.0	0.0 267.61 *
					32.028	178.66667	58.00000	21.50000	0.0	0.0	0.0040367	0.0	0.0 267.61 *
					34.030	178.58333	56.00000	21.50000	0.0	0.0	0.0040643	0.0	0.0 267.61 *
					36.031	178.50000	54.00000	21.50000	0.0	0.0	0.0040904	0.0	0.0 267.61 *
					38.033	178.41667	52.00000	21.50000	0.0	0.0	0.0041148	0.0	0.0 267.61 *
					40.035	178.33333	50.00000	21.50000	0.0	0.0	0.0041376	0.0	0.0 267.61 *
					42.036	178.25000	48.00000	21.50000	0.0	0.0	0.0041587	0.0	0.0 267.61 *
					44.038	178.16667	46.00000	21.50000	0.0	0.0	0.0041780	0.0	0.0 267.61 *
					46.040	178.08333	44.00000	21.50000	0.0	0.0	0.0041956	0.0	0.0 267.61 *
					48.042	178.00000	42.00000	21.50000	0.0	0.0	0.0042113	0.0	0.0 267.61 *
					50.043	177.91667	40.00000	21.50000	0.0	0.0	0.0042251	0.0	0.0 267.61 *
					52.045	177.83333	38.00000	21.50000	0.0	0.0	0.0042371	0.0	0.0 267.61 *
					54.047	177.75000	36.00000	21.50000	0.0	0.0	0.0042471	0.0	0.0 267.61 *
					56.049	177.66667	34.00000	21.50000	0.0	0.0	0.0042552	0.0	0.0 267.61 *
					58.050	177.58333	32.00000	21.50000	0.0	0.0	0.0042613	0.0	0.0 267.61 *
					60.052	177.50000	30.00000	21.50000	0.0	0.0	0.0042654	0.0	0.0 267.61 *
					62.054	177.41667	28.00000	21.50000	0.0	0.0	0.0042676	0.0	0.0 267.61 *
					64.056	177.33333	26.00000	21.50000	0.0	0.0	0.0042677	0.0	0.0 267.61 *
					66.057	177.25000	24.00000	21.50000	0.0	0.0	0.0042658	0.0	0.0 267.61 *
					68.059	177.16667	22.00000	21.50000	0.0	0.0	0.0042620	0.0	0.0 267.61 *
					70.061	177.08333	20.00000	21.50000	0.0	0.0	0.0042562	0.0	0.0 267.61 *
					72.062	177.00000	18.00000	21.50000	0.0	0.0	0.0042484	0.0	0.0 267.61 *
					74.064	176.91667	16.00000	21.50000	0.0	0.0	0.0042386	0.0	0.0 267.61 *
					76.066	176.83333	14.00000	21.50000	0.0	0.0	0.0042269	0.0	0.0 267.61 *
					78.068	176.75000	12.00000	21.50000	0.0	0.0	0.0042133	0.0	0.0 267.61 *
					80.069	176.66667	10.00000	21.50000	0.0	0.0	0.0041979	0.0	0.0 267.61 *
					82.071	176.58333	8.00000	21.50000	0.0	0.0	0.0041806	0.0	0.0 267.61 *
					84.073	176.50000	6.00000	21.50000	0.0	0.0	0.0041615	0.0	0.0 267.61 *
					86.075	176.41667	4.00000	21.50000	0.0	0.0	0.0041406	0.0	0.0 267.61 *
					88.076	176.33333	2.00000	21.50000	0.0	0.0	0.0041180	0.0	0.0 267.61 *
					90.078	176.25000	0.00000	21.50000	0.0	0.0	0.0040938	0.0	0.0 267.61 *
					92.080	176.16667	-2.00000	21.50000	0.0	0.0	0.0040679	0.0	0.0 267.61 *
					94.082	176.08333	-4.00000	21.50000	0.0	0.0	0.0040405	0.0	0.0 267.61 *
					96.083	176.00000	-6.00000	21.50000	0.0	0.0	0.0040115	0.0	0.0 267.61 *
					98.085	175.91667	-8.00000	21.50000	0.0	0.0	0.0039812	0.0	0.0 267.61 *
					100.09	175.83333	-10.00000	21.50000	0.0	0.0	0.0039494	0.0	0.0 267.61 *
					102.09	175.75000	-12.00000	21.50000	0.0	0.0	0.0039163	0.0	0.0 267.61 *
					104.09	175.66667	-14.00000	21.50000	0.0	0.0	0.0038820	0.0	0.0 267.61 *
					106.09	175.58333	-16.00000	21.50000	0.0	0.0	0.0038465	0.0	0.0 267.61 *
					108.09	175.50000	-18.00000	21.50000	0.0	0.0	0.0038098	0.0	0.0 267.61 *
					110.10	175.41667	-20.00000	21.50000	0.0	0.0	0.0037721	0.0	0.0 267.61 *
					112.10	175.33333	-22.00000	21.50000	0.0	0.0	0.0037334	0.0	0.0 267.61 *
					114.10	175.25000	-24.00000	21.50000	0.0	0.0	0.0036937	0.0	0.0 267.61 *
					116.10	175.16667	-26.00000	21.50000	0.0	0.0	0.0036532	0.0	0.0 267.61 *
					118.10	175.08333	-28.00000	21.50000	0.0	0.0	0.0036120	0.0	0.0 267.61 *
					120.10	175.00000	-30.00000	21.50000	0.0	0.0	0.0035699	0.0	0.0 267.61 *
48		RW_1		0.0	0.00000	63.00000	22.00000	0.0	0.0	0.032055	0.0	0.0 7.8831 *	
				1.9885	1.96970	63.27273	22.00000	0.0	0.0	0.029328	0.0	0.0 7.8831 *	
				3.9770	3.93939	63.54545	22.00000	0.0	0.0	0.026431	0.0	0.0 7.8831 *	
				5.9655	5.90909	63.81818	22.00000	0.0	0.0	0.023479	0.0	0.0 7.8831 *	
				7.9540	7.87879	64.09091	22.00000	0.0	0.0	0.020599	0.0	0.0 7.8831 *	
				9.9424	9.84848	64.36364	22.00000	0.0	0.0	0.017922	0.0	0.0 7.8831 *	
				11.931	11.81818	64.63636	22.00000	0.0	0.0	0.015571	0.0	0.0 7.8831 *	
				13.919	13.78788	64.90909	22.00000	0.0	0.0	0.013657	0.0	0.0 7.8831 *	
				15.908	15.75758	65.18182	22.00000	0.0	0.0	0.012266	0.0	0.0 7.8831 *	
				17.896	17.72727	65.45455	22.00000	0.0	0.0	0.011456	0.0	0.0 7.8831 *	
				19.885	19.69697	65.72727	22.00000	0.0	0.0	0.011261	0.0	0.0 7.8831 *	
				21.873	21.66667	66.00000	22.00000	0.0	0.0	0.011684	0.0	0.0 7.8831 *	
				23.862	23.63636	66.27273	22.00000	0.0	0.0	0.012704	0.0	0.0 7.8831 *	
				25.850	25.60606	66.54545	22.00000	0.0	0.0	0.014279	0.0	0.0 7.8831 *	
				27.839	27.57576	66.81818	22.00000	0.0	0.0	0.016347	0.0	0.0 7.8831 *	
				29.827	29.54545	67.09091	22.00000	0.0	0.0	0.018831	0.0	0.0 7.8831 *	
				31.816	31.51515	67.36364	22.00000	0.0	0.0	0.021639	0.0	0.0 7.8831 *	
				33.804	33.48485	67.63636	22.00000	0.0					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
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Made by MK	Date 11-Aug-2020	Checked

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]	[°]
				98.039	156.52830	107.13208	22.00000	0.0	0.0	0.0044105	0.0	0.0	20.999 *
				100.04	158.39623	107.84906	22.00000	0.0	0.0	0.0042554	0.0	0.0	20.999 *
				102.04	160.26415	108.56604	22.00000	0.0	0.0	0.0040774	0.0	0.0	20.999 *
				104.04	162.13208	109.28302	22.00000	0.0	0.0	0.0039659	0.0	0.0	20.999 *
				106.04	164.00000	110.00000	22.00000	0.0	0.0	0.0038307	0.0	0.0	20.999 *
	50		canal wall L1	0.0	5.99000	50.78000	21.50000	0.0	0.0	-0.15082	0.0	0.0	359.49 *
				2.0944	8.08429	50.76143	21.50000	0.0	0.0	-0.20092	0.0	0.0	359.49 *
				4.1887	10.17857	50.74286	21.50000	0.0	0.0	-0.25545	0.0	0.0	359.49 *
				6.2831	12.27286	50.72429	21.50000	0.0	0.0	-0.31155	0.0	0.0	359.49 *
				8.3775	14.36714	50.70571	21.50000	0.0	0.0	-0.36631	0.0	0.0	359.49 *
				10.472	16.46143	50.68714	21.50000	0.0	0.0	-0.41714	0.0	0.0	359.49 *
				12.566	18.55571	50.66857	21.50000	0.0	0.0	-0.46145	0.0	0.0	359.49 *
				14.661	20.65000	50.65000	21.50000	0.0	0.0	-0.49710	0.0	0.0	359.49 *
	51		canal wall L2	0.0	20.65000	50.65000	21.50000	0.0	0.0	-0.49710	0.0	0.0	352.04 *
				2.0453	22.67556	50.36667	21.50000	0.0	0.0	-0.54928	0.0	0.0	352.04 *
				4.0906	24.70111	50.08333	21.50000	0.0	0.0	-0.59517	0.0	0.0	352.04 *
				6.1358	26.72667	49.80000	21.50000	0.0	0.0	-0.63379	0.0	0.0	352.04 *
				8.1811	28.75222	49.51667	21.50000	0.0	0.0	-0.66433	0.0	0.0	352.04 *
				10.226	30.77778	49.23333	21.50000	0.0	0.0	-0.68525	0.0	0.0	352.04 *
				12.272	32.80333	48.95000	21.50000	0.0	0.0	-0.69378	0.0	0.0	352.04 *
				14.317	34.82889	48.66667	21.50000	0.0	0.0	-0.68664	0.0	0.0	352.04 *
				16.362	36.85444	48.38333	21.50000	0.0	0.0	-0.65857	0.0	0.0	352.04 *
				18.407	38.88000	48.10000	21.50000	0.0	0.0	-0.60234	0.0	0.0	352.04 *
	52		canal wall L3	0.0	38.88000	48.10000	21.50000	0.0	0.0	-0.60234	0.0	0.0	3.5959 *
				2.0528	40.92875	48.22875	21.50000	0.0	0.0	-0.47318	0.0	0.0	3.5959 *
				4.1056	42.97750	48.35750	21.50000	0.0	0.0	-0.34139	0.0	0.0	3.5959 *
				6.1584	45.02625	48.48625	21.50000	0.0	0.0	-0.21910	0.0	0.0	3.5959 *
				8.2112	47.07500	48.61500	21.50000	0.0	0.0	-0.11332	0.0	0.0	3.5959 *
				10.264	49.12375	48.74375	21.50000	0.0	0.0	-0.025556	0.0	0.0	3.5959 *
				12.317	51.17250	48.87250	21.50000	0.0	0.0	0.041585	0.0	0.0	3.5959 *
				14.370	53.22125	49.00125	21.50000	0.0	0.0	0.082522	0.0	0.0	3.5959 *
				16.422	55.27000	49.13000	21.50000	0.0	0.0	0.097870	0.0	0.0	3.5959 *
	53		canal wall L4	0.0	55.27000	49.13000	21.50000	0.0	0.0	0.097870	0.0	0.0	20.627 *
				1.9865	57.12918	49.82984	21.50000	0.0	0.0	0.089996	0.0	0.0	20.627 *
				3.9731	58.98936	50.52967	21.50000	0.0	0.0	0.082125	0.0	0.0	20.627 *
				5.9596	60.84754	51.22951	21.50000	0.0	0.0	0.07422	0.0	0.0	20.627 *
				7.9461	62.70672	51.92934	21.50000	0.0	0.0	0.069786	0.0	0.0	20.627 *
				9.9327	64.56590	52.62918	21.50000	0.0	0.0	0.064937	0.0	0.0	20.627 *
				11.919	66.42508	53.32902	21.50000	0.0	0.0	0.060653	0.0	0.0	20.627 *
				13.906	68.28426	54.02885	21.50000	0.0	0.0	0.056787	0.0	0.0	20.627 *
				15.892	70.14344	54.72869	21.50000	0.0	0.0	0.053248	0.0	0.0	20.627 *
				17.879	72.00262	55.42852	21.50000	0.0	0.0	0.049980	0.0	0.0	20.627 *
				19.865	73.86180	56.12836	21.50000	0.0	0.0	0.046947	0.0	0.0	20.627 *
				21.852	75.72098	56.82820	21.50000	0.0	0.0	0.044123	0.0	0.0	20.627 *
				23.838	77.58016	57.52803	21.50000	0.0	0.0	0.041491	0.0	0.0	20.627 *
				25.825	79.43934	58.22787	21.50000	0.0	0.0	0.039035	0.0	0.0	20.627 *
				27.811	81.29852	58.92770	21.50000	0.0	0.0	0.036743	0.0	0.0	20.627 *
				29.798	83.15770	59.62754	21.50000	0.0	0.0	0.034603	0.0	0.0	20.627 *
				31.785	85.01689	60.32738	21.50000	0.0	0.0	0.032606	0.0	0.0	20.627 *
				33.771	86.87607	61.02721	21.50000	0.0	0.0	0.030740	0.0	0.0	20.627 *
				35.758	88.73525	61.72705	21.50000	0.0	0.0	0.028999	0.0	0.0	20.627 *
				37.744	90.59443	62.42689	21.50000	0.0	0.0	0.027372	0.0	0.0	20.627 *
				39.731	92.45361	63.12672	21.50000	0.0	0.0	0.025851	0.0	0.0	20.627 *
				41.717	94.31279	63.82656	21.50000	0.0	0.0	0.024431	0.0	0.0	20.627 *
				43.704	96.17197	64.52639	21.50000	0.0	0.0	0.023102	0.0	0.0	20.627 *
				45.690	98.03115	65.22623	21.50000	0.0	0.0	0.021860	0.0	0.0	20.627 *
				47.677	99.89033	65.92607	21.50000	0.0	0.0	0.020697	0.0	0.0	20.627 *
				49.663	101.74951	66.62590	21.50000	0.0	0.0	0.019609	0.0	0.0	20.627 *
				51.650	103.60869	67.32574	21.50000	0.0	0.0	0.018589	0.0	0.0	20.627 *
				53.636	105.46787	68.02557	21.50000	0.0	0.0	0.017634	0.0	0.0	20.627 *
				55.623	107.32705	68.72541	21.50000	0.0	0.0	0.016738	0.0	0.0	20.627 *
				57.610	109.18623	69.42525	21.50000	0.0	0.0	0.015897	0.0	0.0	20.627 *
				59.596	111.04541	70.12508	21.50000	0.0	0.0	0.015109	0.0	0.0	20.627 *
				61.583	112.90459	70.82492	21.50000	0.0	0.0	0.014368	0.0	0.0	20.627 *
				63.569	114.76377	71.52475	21.50000	0.0	0.0	0.013672	0.0	0.0	20.627 *
				65.556	116.62295	72.22459	21.50000	0.0	0.0	0.013017	0.0	0.0	20.627 *
				67.542	118.48213	72.92443	21.50000	0.0	0.0	0.012401	0.0	0.0	20.627 *
				69.529	120.34131	73.62426	21.50000	0.0	0.0	0.011822	0.0	0.0	20.627 *
				71.515	122.20049	74.32410	21.50000	0.0	0.0	0.011276	0.0	0.0	20.627 *
				73.502	124.05967	75.02393	21.50000	0.0	0.0	0.010761	0.0	0.0	20.627 *
				75.488	125.91885	75.72377	21.50000	0.0	0.0	0.010276	0.0	0.0	20.627 *
				77.475	127.77803	76.42361	21.50000	0.0	0.0	0.0098178	0.0	0.0	20.627 *
				79.461	129.63721	77.12344	21.50000	0.0	0.0	0.0093854	0.0	0.0	20.627 *
				81.448	131.49639	77.82328	21.50000	0.0	0.0	0.0089770	0.0	0.0	20.627 *
				83.434	133.35557	78.52311	21.50000	0.0	0.0	0.0085909	0.0	0.0	20.627 *
				85.421	135.21475	79.22295	21.50000	0.0	0.0	0.0082257	0.0	0.0	20.627 *
				87.408	137.07393	79.92279	21.50000	0.0	0.0	0.0078801	0.0	0.0	20.627 *
				89.394	138.93311	80.62262	21.50000	0.0	0.0	0.0075529	0.0	0.0	20.627 *
				91.381	140.79230	81.32246	21.50000	0.0	0.0	0.0072429	0.0	0.0	20.627 *
				93.367	142.65148	82.02230	21.50000	0.0	0.0	0.0069490	0.0	0.0	20.627 *
				95.354	144.51066	82.72213	21.50000	0.0	0.0	0.0066703	0.0	0.0	20.627 *
				97.340	146.36984	83.42197	21.50000	0.0	0.0	0.0064057	0.0	0.0	20.627 *
				99.327	148.22902	84.12180							



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0
						15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0
						17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0
						19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0
						21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0
						23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0
						25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0
						27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0
						29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0
						31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0
						33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0
						35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0
4		Canal Side Studios_4	Canal Side Studios_4		0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					4.0000	-10.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					6.0000	-8.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					8.0000	-6.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					10.000	-4.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					12.000	-2.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					14.000	0.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					16.000	2.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					18.000	4.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
					20.000	6.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	0.0
5		Beaumont Court_1	Beaumont Court_1		0.0	45.00000	0.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					2.0031	43.00000	0.11111	20.00000	0.0	0.0	0.0	0.0	0.0
					4.0062	41.00000	0.22222	20.00000	0.0	0.0	0.0	0.0	0.0
					6.0093	39.00000	0.33333	20.00000	0.0	0.0	0.0	0.0	0.0
					8.0123	37.00000	0.44444	20.00000	0.0	0.0	0.0	0.0	0.0
					10.015	35.00000	0.55556	20.00000	0.0	0.0	0.0	0.0	0.0
					12.019	33.00000	0.66667	20.00000	0.0	0.0	0.0	0.0	0.0
					14.022	31.00000	0.77778	20.00000	0.0	0.0	0.0	0.0	0.0
					16.025	29.00000	0.88889	20.00000	0.0	0.0	0.0	0.0	0.0
					18.028	27.00000	1.00000	20.00000	0.0	0.0	0.0	0.0	0.0
6		Beaumont Court_2	Beaumont Court_2		0.0	27.00000	1.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					1.8409	26.83333	-0.83333	20.00000	0.0	0.0	0.0	0.0	0.0
					3.6818	26.66667	-2.66667	20.00000	0.0	0.0	0.0	0.0	0.0
					5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.0	0.0	0.0
					7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0	0.0	0.0
					9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0	0.0	0.0
					11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
7		Beaumont Court_3	Beaumont Court_3		0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
8		Beaumont Court_4	Beaumont Court_4		7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0	0.0
					3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0	0.0
					5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0	0.0
					7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0	0.0
					9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0	0.0	0.0
					11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0	0.0	0.0
					13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0	0.0
					15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0	0.0
					17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0	0.0
					19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0	0.0
					21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0	0.0
					23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0	0.0	0.0
					25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0	0.0	0.0
					27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0	0.0	0.0
					29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0	0.0	0.0
					31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0	0.0	0.0
					33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0	0.0	0.0
					35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0	0.0	0.0
					37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0	0.0	0.0
					39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0	0.0
					41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0	0.0	0.0
					43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0	0.0	0.0
					45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0	0.0	0.0
					47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0	0.0	0.0
					49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0	0.0	0.0
					51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0	0.0
					53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0	0.0
					55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0	0.0	0.0
					57.273	28.46875	-67.09375	20.00000	0.0	0.0	0.0	0.0	0.0
					59.248	28.31250	-69.06250	20.00000	0.0	0.0	0.0	0.0	0.0
					61.223	28.15625	-71.03125	20.00000	0.0	0.0	0.0	0.0	0.0
					63.198	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0	0.0
9		Beaumont Court_5	Beaumont Court_5		0.0	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					2.0069	30.00000	-73.16667	20.00000	0.0	0.0	0.0	0.0	0.0
					4.0139	32.00000	-73.33333	20.00000	0.0	0.0	0.0	0.0	0.0
					6.0208	34.00000	-73.50000	20.00000	0.0	0.0	0.0	0.0	0.0
					8.0277	36.00000	-73.66667	20.00000	0.0	0.0	0.0	0.0	0.0
					10.035	38.00000	-73.83333	20.00000	0.0	0.0	0.0	0.0	0.0
					12.042	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0	0.0
10		Beaumont Court_6	Beaumont Court_6		0.0	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					2.0046	40.13514	-72.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					4.0091	40.27027	-70.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					6.0137	40.40541	-68.00000	20.00000	0.0	0.0	0.0	0.0	0.0
					8.0182	40.54054	-66.00000	20.					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz //	Δis perp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	d
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	d
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	d
						14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	d
		14	TP No.1_4	TP No.1_4		0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	d
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	d
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	d
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	d
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	d
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	d
		15	TP No.1_5	TP No.1_5		12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	d
						0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	d
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	d
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	d
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	d
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	d
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	d
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	d
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	d
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	d
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	d
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	d
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	d
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	d
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	d
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	d
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	d
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	d
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	d
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	d
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	d
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	d
						41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	d
		16	TP No.1_6	TP No.1_6		0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	d
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	d
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	d
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	d
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	d
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	d
						12.530	106.00000	-34.00000	20.00000	0.0	0.0	0.0	d
		17	TP No.1_7	TP No.1_7		0.0	106.00000	-34.00000	20.00000	0.0	0.0	0.0	d
						2.0691	104.12500	-33.12500	20.00000	0.0	0.0	0.0	d
						4.1382	102.25000	-32.25000	20.00000	0.0	0.0	0.0	d
						6.2074	100.37500	-31.37500	20.00000	0.0	0.0	0.0	d
						8.2765	98.50000	-30.50000	20.00000	0.0	0.0	0.0	d
						10.346	96.62500	-29.62500	20.00000	0.0	0.0	0.0	d
						12.415	94.75000	-28.75000	20.00000	0.0	0.0	0.0	d
						14.484	92.87500	-27.87500	20.00000	0.0	0.0	0.0	d
		18	TP No.1_8	TP No.1_8		16.553	91.00000	-27.00000	20.00000	0.0	0.0	0.0	d
						0.0	91.00000	-27.00000	20.00000	0.0	0.0	0.0	d
						2.0138	91.83333	-25.16667	20.00000	0.0	0.0	0.0	d
						4.0277	92.66667	-23.33333	20.00000	0.0	0.0	0.0	d
						6.0415	93.50000	-21.50000	20.00000	0.0	0.0	0.0	d
						8.0554	94.33333	-19.66667	20.00000	0.0	0.0	0.0	d
						10.069	95.16667	-17.83333	20.00000	0.0	0.0	0.0	d
						12.083	96.00000	-16.00000	20.00000	0.0	0.0	0.0	d
		19	TP No.2_1	TP No.2_1		0.0	148.00000	-41.00000	20.00000	0.0	0.0	0.0	d
						1.9906	146.20000	-40.15000	20.00000	0.0	0.0	0.0	d
						3.9812	144.40000	-39.30000	20.00000	0.0	0.0	0.0	d
						5.9718	142.60000	-38.45000	20.00000	0.0	0.0	0.0	d
						7.9624	140.80000	-37.60000	20.00000	0.0	0.0	0.0	d
						9.9530	139.00000	-36.75000	20.00000	0.0	0.0	0.0	d
						11.944	137.20000	-35.90000	20.00000	0.0	0.0	0.0	d
						13.934	135.40000	-35.05000	20.00000	0.0	0.0	0.0	d
						15.925	133.60000	-34.20000	20.00000	0.0	0.0	0.0	d
						17.915	131.80000	-33.35000	20.00000	0.0	0.0	0.0	d
						19.906	130.00000	-32.50000	20.00000	0.0	0.0	0.0	d
						21.897	128.20000	-31.65000	20.00000	0.0	0.0	0.0	d
						23.887	126.40000	-30.80000	20.00000	0.0	0.0	0.0	d
						25.878	124.60000	-29.95000	20.00000	0.0	0.0	0.0	d
						27.868	122.80000	-29.10000	20.00000	0.0	0.0	0.0	d
						29.859	121.00000	-28.25000	20.00000	0.0	0.0	0.0	d
						31.850	119.20000	-27.40000	20.00000	0.0	0.0	0.0	d
						33.840	117.40000	-26.55000	20.00000	0.0	0.0	0.0	d
						35.831	115.60000	-25.70000	20.00000	0.0	0.0	0.0	d
						37.821	113.80000	-24.85000	20.00000	0.0	0.0	0.0	d
						39.812	112.00000	-24.00000	20.00000	0.0	0.0	0.0	d
		20	TP No.2_2	TP No.2_2		0.0	112.00000	-24.00000	20.00000	0.0	0.0	0.0	d
						2.0591	111.00000	-25.80000	20.00000	0.0	0.0	0.0	d
						4.1183	110.00000	-27.60000	20.00000	0.0	0.0	0.0	d
						6.1774	109.00000	-29.40000	20.00000	0.0	0.0	0.0	d
						8.2365	108.00000	-31.20000	20.00000	0.0	0.0	0.0	d
						10.296	107.00000	-33.00000	20.00000	0.0	0.0	0.0	d
		21	TP No.2_3	TP No.2_3		0.0	107.00000	-33.00000	20.00000	0.0	0.0	0.0	d
						1.9906	108.80000	-33.85000	20.00000	0.0	0.0	0.0	d
						3.9812	110.60000	-34.70000	20.00000	0.0	0.0	0.0	d
						5.9718	112.40000	-35.55000	20.00000	0.0	0.0	0.0	d
						7.9624	114.20000	-36.40000	20.00000	0.0	0.0	0.0	d
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RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No. Sheet No. Rev.

371654

Drg. Ref.

Made by
MK

Date
11-Aug-2020

Checked

Stage: Ref.	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]	
						9.5831	149.71429	-41.57143	20.00000	0.0	0.0	0.0	d
						11.500	148.85714	-43.28571	20.00000	0.0	0.0	0.0	d
						13.416	148.00000	-45.00000	20.00000	0.0	0.0	0.0	d
25		TP No.3_3		TP No.3_3		0.0	148.00000	-45.00000	20.00000	0.0	0.0	0.0	d
						2.0227	149.84000	-45.84000	20.00000	0.0	0.0	0.0	d
						4.0453	151.68000	-46.68000	20.00000	0.0	0.0	0.0	d
						6.0680	153.52000	-47.52000	20.00000	0.0	0.0	0.0	d
						8.0907	155.36000	-48.36000	20.00000	0.0	0.0	0.0	d
						10.113	157.20000	-49.20000	20.00000	0.0	0.0	0.0	d
						12.136	159.04000	-50.04000	20.00000	0.0	0.0	0.0	d
						14.159	160.88000	-50.88000	20.00000	0.0	0.0	0.0	d
						16.181	162.72000	-51.72000	20.00000	0.0	0.0	0.0	d
						18.204	164.56000	-52.56000	20.00000	0.0	0.0	0.0	d
						20.227	166.40000	-53.40000	20.00000	0.0	0.0	0.0	d
						22.249	168.24000	-54.24000	20.00000	0.0	0.0	0.0	d
						24.272	170.08000	-55.08000	20.00000	0.0	0.0	0.0	d
						26.295	171.92000	-55.92000	20.00000	0.0	0.0	0.0	d
						28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	d
						30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	d
						32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	d
						34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	d
						36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	d
						38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	d
						40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	d
						42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	d
						44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	d
						46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	d
						48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	d
26		TP No.3_4		TP No.3_4		50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	d
						0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	d
						2.0883	195.00000	-64.16667	20.00000	0.0	0.0	0.0	d
						4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	d
						6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	d
						8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	d
						10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	d
						12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	d
27		Hospital No.1_1		Hospital No.1_1		0.0	189.00000	-19.00000	19.00000	0.0	0.0	0.0	d
						2.0000	189.00000	-21.00000	19.00000	0.0	0.0	0.0	d
						4.0000	189.00000	-23.00000	19.00000	0.0	0.0	0.0	d
						6.0000	189.00000	-25.00000	19.00000	0.0	0.0	0.0	d
						8.0000	189.00000	-27.00000	19.00000	0.0	0.0	0.0	d
						10.000	189.00000	-29.00000	19.00000	0.0	0.0	0.0	d
						12.000	189.00000	-31.00000	19.00000	0.0	0.0	0.0	d
28		Hospital No.1_2		Hospital No.1_2		0.0	189.00000	-31.00000	19.00000	0.0	0.0	0.0	d
						1.9474	190.94737	-31.00000	19.00000	0.0	0.0	0.0	d
						3.8947	192.89474	-31.00000	19.00000	0.0	0.0	0.0	d
						5.8421	194.84211	-31.00000	19.00000	0.0	0.0	0.0	d
						7.7895	196.78947	-31.00000	19.00000	0.0	0.0	0.0	d
						9.7368	198.73684	-31.00000	19.00000	0.0	0.0	0.0	d
						11.684	200.68421	-31.00000	19.00000	0.0	0.0	0.0	d
						13.632	202.63158	-31.00000	19.00000	0.0	0.0	0.0	d
						15.579	204.57895	-31.00000	19.00000	0.0	0.0	0.0	d
						17.526	206.52632	-31.00000	19.00000	0.0	0.0	0.0	d
						19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	d
						21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	d
						23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	d
						25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	d
						27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	d
						29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	d
						31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	d
						33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	d
						35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	d
						37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	d
29		Hospital No.1_3		Hospital No.1_3		0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	d
						2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	d
						4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	d
						6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	d
						8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	d
						10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	d
						12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	d
						14.000	226.00000	-17.00000	19.00000	0.0	0.0	0.0	d
						16.000	226.00000	-15.00000	19.00000	0.0	0.0	0.0	d
						18.000	226.00000	-13.00000	19.00000	0.0	0.0	0.0	d
						20.000	226.00000	-11.00000	19.00000	0.0	0.0	0.0	d
						22.000	226.00000	-9.00000	19.00000	0.0	0.0	0.0	d
30		Hospital No.1_4		Hospital No.1_4		0.0	226.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						2.0000	224.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						4.0000	222.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						6.0000	220.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						8.0000	218.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						10.000	216.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						12.000	214.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						14.000	212.00000	-9.00000	19.00000	0.0	0.0	0.0	d
31		Hospital No.1_5		Hospital No.1_5		0.0	212.00000	-9.00000	19.00000	0.0	0.0	0.0	d
						2.0000	212.00000	-11.00000	19.00000	0.0	0.0	0.0	d
						4.0000	212.00000	-13.00000	19.00000	0.0	0.0	0.0	d
						6.0000	212.00000	-15.00000	19.00000	0.0	0.0	0.0	d
						8.0000	212.00000	-17.00000	19.00000	0.0	0.0	0.0	d
						10.000	212.00000	-19.00000	19.00				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No. Sheet No. Rev.

371654

Drg. Ref.

Made by
MK

Date
11-Aug-2020

Checked

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]
					6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0	0.0
					10.000	225.00000	15.00000	19.00000	0.0	0.0	0.0	0.0
					12.000	225.00000	17.00000	19.00000	0.0	0.0	0.0	0.0
					14.000	225.00000	19.00000	19.00000	0.0	0.0	0.0	0.0
					16.000	225.00000	21.00000	19.00000	0.0	0.0	0.0	0.0
					18.000	225.00000	23.00000	19.00000	0.0	0.0	0.0	0.0
					20.000	225.00000	25.00000	19.00000	0.0	0.0	0.0	0.0
					22.000	225.00000	27.00000	19.00000	0.0	0.0	0.0	0.0
					24.000	225.00000	29.00000	19.00000	0.0	0.0	0.0	0.0
					26.000	225.00000	31.00000	19.00000	0.0	0.0	0.0	0.0
					28.000	225.00000	33.00000	19.00000	0.0	0.0	0.0	0.0
					30.000	225.00000	35.00000	19.00000	0.0	0.0	0.0	0.0
					32.000	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
36		Hospital No.2_4	Hospital No.2_4		0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					10.000	215.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					12.000	213.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					14.000	211.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					16.000	209.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					18.000	207.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					20.000	205.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					22.000	203.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					24.000	201.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					26.000	199.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					28.000	197.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					30.000	195.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					32.000	193.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					34.000	191.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
					36.000	189.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
37		Hospital No.3_1	Hospital No.3_1		0.0	189.00000	77.00000	19.00000	0.0	0.0	0.0	0.0
					1.9375	189.00000	75.06250	19.00000	0.0	0.0	0.0	0.0
					3.8750	189.00000	73.12500	19.00000	0.0	0.0	0.0	0.0
					5.8125	189.00000	71.18750	19.00000	0.0	0.0	0.0	0.0
					7.7500	189.00000	69.25000	19.00000	0.0	0.0	0.0	0.0
					9.6875	189.00000	67.31250	19.00000	0.0	0.0	0.0	0.0
					11.625	189.00000	65.37500	19.00000	0.0	0.0	0.0	0.0
					13.563	189.00000	63.43750	19.00000	0.0	0.0	0.0	0.0
					15.500	189.00000	61.50000	19.00000	0.0	0.0	0.0	0.0
					17.438	189.00000	59.56250	19.00000	0.0	0.0	0.0	0.0
					19.375	189.00000	57.62500	19.00000	0.0	0.0	0.0	0.0
					21.313	189.00000	55.68750	19.00000	0.0	0.0	0.0	0.0
					23.250	189.00000	53.75000	19.00000	0.0	0.0	0.0	0.0
					25.188	189.00000	51.81250	19.00000	0.0	0.0	0.0	0.0
					27.125	189.00000	49.87500	19.00000	0.0	0.0	0.0	0.0
					29.063	189.00000	47.93750	19.00000	0.0	0.0	0.0	0.0
					31.000	189.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
38		Hospital No.3_2	Hospital No.3_2		0.0	189.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					1.8000	190.80000	46.00000	19.00000	0.0	0.0	0.0	0.0
					3.6000	192.60000	46.00000	19.00000	0.0	0.0	0.0	0.0
					5.4000	194.40000	46.00000	19.00000	0.0	0.0	0.0	0.0
					7.2000	196.20000	46.00000	19.00000	0.0	0.0	0.0	0.0
39		Hospital No.3_3	Hospital No.3_3		0.0	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					1.8000	198.00000	47.80000	19.00000	0.0	0.0	0.0	0.0
					3.6000	198.00000	49.60000	19.00000	0.0	0.0	0.0	0.0
					5.4000	198.00000	51.40000	19.00000	0.0	0.0	0.0	0.0
					7.2000	198.00000	53.20000	19.00000	0.0	0.0	0.0	0.0
					9.0000	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
40		Hospital No.3_4	Hospital No.3_4		0.0	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	200.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	202.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					6.0000	204.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	206.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					10.000	208.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					12.000	210.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					14.000	212.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					16.000	214.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					18.000	216.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					20.000	218.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					22.000	220.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					24.000	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
41		Hospital No.3_5	Hospital No.3_5		0.0	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
					1.8000	222.00000	53.20000	19.00000	0.0	0.0	0.0	0.0
					3.6000	222.00000	51.40000	19.00000	0.0	0.0	0.0	0.0
					5.4000	222.00000	49.60000	19.00000	0.0	0.0	0.0	0.0
					7.2000	222.00000	47.80000	19.00000	0.0	0.0	0.0	0.0
42		Hospital No.3_6	Hospital No.3_6		0.0	222.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	224.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	226.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					6.0000	228.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	230.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
43		Hospital No.3_7	Hospital No.3_7		0.0	230.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
					1.9375	230.00000	47.93750	19.00000	0.0	0.0	0.0	0.0
					3.8750	230.00000	49.87500	19.00000	0.0	0.0	0.0	0.0
					5.8125	230.00000	51.81250	19.00000	0.0	0.0	0.0	0.0
					7.7500	230.00000	53.75000	19.00000	0.0	0.0	0.0	0.0
					9.6875	230.00000	55.68750	19.00000	0.0	0.0	0.0	0.0
					11.625	230.00000	57.62500	19.00000	0.0	0.0	0.0	0.0
					13.563	230.00000	59.56250	19.00000	0.0	0.0	0.0	0.0
					15.500	230.00000	61.50000	19.00000	0.0	0.0	0.0	0.0
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.0	0.0
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.0	0.0
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.0	0.0
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.0	0.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dx
						11.667	6.00000	25.66667	22.00000	-0.61744 d
						13.611	6.00000	27.61111	22.00000	-0.70730 d
						15.556	6.00000	29.55556	22.00000	-0.77527 d
						17.500	6.00000	31.50000	22.00000	-0.84056 d
						19.444	6.00000	33.44444	22.00000	-0.89220 d
						21.389	6.00000	35.38889	22.00000	-0.89147 d
						23.333	6.00000	37.33333	22.00000	-0.83120 d
						25.278	6.00000	39.27778	22.00000	-0.73776 d
						27.222	6.00000	41.22222	22.00000	-0.62405 d
						29.167	6.00000	43.16667	22.00000	-0.50000 d
						31.111	6.00000	45.11111	22.00000	-0.38374 d
						33.056	6.00000	47.05556	22.00000	-0.28597 d
						35.000	6.00000	49.00000	22.00000	-0.20777 d
2	Canal Side Studios_2		Canal Side Studios_2		0.0	0.0	6.00000	49.00000	22.00000	-0.20777 d
						2.0000	4.00000	49.00000	22.00000	-0.15112 d
						4.0000	45.00000	49.00000	22.00000	-0.10444 d
						6.0000	0.00000	49.00000	22.00000	-0.067095 d
						8.0000	-2.00000	49.00000	22.00000	-0.037839 d
						10.000	-4.00000	49.00000	22.00000	-0.015302 d
						12.000	-6.00000	49.00000	22.00000	0.0017940 d
						14.000	-8.00000	49.00000	22.00000	0.014552 d
						16.000	-10.00000	49.00000	22.00000	0.023891 d
						18.000	-12.00000	49.00000	22.00000	0.030556 d
						20.000	-14.00000	49.00000	22.00000	0.035145 d
3	Canal Side Studios_3		Canal Side Studios_3		0.0	0.0	-14.00000	49.00000	22.00000	0.035145 d
						1.9444	-14.00000	47.05556	22.00000	0.033385 d
						3.8889	-14.00000	45.11111	22.00000	0.031583 d
						5.8333	-14.00000	43.16667	22.00000	0.029833 d
						7.7778	-14.00000	41.22222	22.00000	0.028236 d
						9.7222	-14.00000	39.27778	22.00000	0.026891 d
						11.667	-14.00000	37.33333	22.00000	0.025884 d
						13.611	-14.00000	35.38889	22.00000	0.025283 d
						15.556	-14.00000	33.44444	22.00000	0.025129 d
						17.500	-14.00000	31.50000	22.00000	0.025431 d
						19.444	-14.00000	29.55556	22.00000	0.026168 d
						21.389	-14.00000	27.61111	22.00000	0.027292 d
						23.333	-14.00000	25.66667	22.00000	0.028730 d
						25.278	-14.00000	23.72222	22.00000	0.030393 d
						27.222	-14.00000	21.77778	22.00000	0.032184 d
						29.167	-14.00000	19.83333	22.00000	0.034008 d
						31.111	-14.00000	17.88889	22.00000	0.035774 d
						33.056	-14.00000	15.94444	22.00000	0.037405 d
						35.000	-14.00000	14.00000	22.00000	0.038840 d
4	Canal Side Studios_4		Canal Side Studios_4		0.0	0.0	-14.00000	14.00000	22.00000	0.038840 d
						2.0000	-12.00000	14.00000	22.00000	0.036128 d
						4.0000	-10.00000	14.00000	22.00000	0.032046 d
						6.0000	-8.00000	14.00000	22.00000	0.026249 d
						8.0000	-6.00000	14.00000	22.00000	0.018332 d
						10.000	-4.00000	14.00000	22.00000	0.0078331 d
						12.000	-2.00000	14.00000	22.00000	-0.0057514 d
						14.000	0.00000	14.00000	22.00000	-0.022930 d
						16.000	2.00000	14.00000	22.00000	-0.044144 d
						18.000	4.00000	14.00000	22.00000	-0.069649 d
5	Beaumont Court_1		Beaumont Court_1		0.0	20.000	6.00000	14.00000	22.00000	-0.099351 d
						0.0	0.00000	0.00000	20.00000	0.035775 d
						2.0031	43.00000	0.11111	20.00000	0.032458 d
						4.0062	41.00000	0.22222	20.00000	0.028918 d
						6.0093	39.00000	0.33333	20.00000	0.025293 d
						8.0123	37.00000	0.44444	20.00000	0.021724 d
						10.015	35.00000	0.55556	20.00000	0.018353 d
						12.019	33.00000	0.66667	20.00000	0.015309 d
						14.022	31.00000	0.77778	20.00000	0.012705 d
						16.025	29.00000	0.88889	20.00000	0.010636 d
6	Beaumont Court_2		Beaumont Court_2		0.0	18.028	27.00000	1.00000	20.00000	0.0091705 d
						0.0	27.00000	1.00000	20.00000	0.0091705 d
						1.8409	26.83333	-0.83333	20.00000	0.021667 d
						3.6818	26.66667	-2.66667	20.00000	0.030565 d
						5.5227	26.50000	-4.50000	20.00000	0.036739 d
						7.3636	26.33333	-6.33333	20.00000	0.040851 d
						9.2045	26.16667	-8.16667	20.00000	0.043404 d
7	Beaumont Court_3		Beaumont Court_3		0.0	11.045	26.00000	-10.00000	20.00000	0.044783 d
						0.0	26.00000	-10.00000	20.00000	0.044783 d
						1.7500	27.75000	-10.00000	20.00000	0.044807 d
						3.5000	29.50000	-10.00000	20.00000	0.044844 d
						5.2500	31.25000	-10.00000	20.00000	0.044893 d
						7.0000	33.00000	-10.00000	20.00000	0.044949 d
8	Beaumont Court_4		Beaumont Court_4		0.0	0.0	33.00000	-10.00000	20.00000	0.044949 d
						1.9749	32.84375	-11.96875	20.00000	0.045264 d
						3.9499	32.68750	-13.93750	20.00000	0.044915 d
						5.9248	32.53125	-15.90625	20.00000	0.044088 d
						7.8998	32.37500	-17.87500	20.00000	0.042926 d
						9.8747	32.21875	-19.84375	20.00000	0.041537 d
						11.850	32.06250	-21.81250	20.00000	0.040003 d
						13.825	31.90625	-23.78125	20.00000	0.038383 d
						15.800	31.75000	-25.75000	20.00000	0.036725 d
						17.774	31.59375	-27.71875	20.00000	0.035060 d
						19.749	31.43750	-29.68750	20.00000	0.033414 d
						21.724	31.28125	-31.65625	20.00000	0.031805 d
						23.699	31.12500	-33.62500	20.00000	0.030244 d
						25.674	30.96875	-35.59375	20.00000	0.028740 d
						27.649	30.81250	-37.56250	20.00000	0.027298 d
						29.624	30.65625	-39.53125	20.00000	0.025921 d
						31.599	30.50000	-41.50000	20.00000	0.024609 d
						33.574	30.34375	-43.46875	20.00000	0.023364 d
						35.549	30.18750	-45.43750	20.00000	0.022183 d
						37.524	30.03125	-47.40625	20.00000	0.021065 d
						39.499	29.87500	-49.37500	20.00000	0.020009 d
						41.474	29.71875	-51.34375	20.00000	0.019010 d
						43.449	29.56250	-53.31250	20.00000	0.018068 d
						45.424	29.40625	-55.28125	20.00000	0.017179 d
						47.399	29.25000	-57.25000	20.00000	0.016340 d
						49.374	29.09375	-59.21875	20.00000	0.015548 d
						51.348	28.93750	-61.18750	20.00000	0.014802 d
						53.323	28.78125	-63.15625	20.00000	0.014098 d
						55.298	28.62500	-65.12500	20.00000	0.013434 d
						57.273	28.46875	-67.09375	20.00000	0.012808 d
						59.248	28.31250	-69.06250	20.00000	0.012217 d
						61.223	28.15625	-71.03125	20.00000	0.011659 d
9	Beaumont Court_5		Beaumont Court_5		0.0	63.198	28.00000	-73.00000	20.00000	0.011131 d
						0.0	28.00000	-73.00000	20.00000	0.011131 d
						2.0069	30.00000	-73.16667	20.00000	0.011069 d
						4.0139	32.00000	-73.33333	20.00000	0.010997 d
						6.0208	34.00000	-73.50000	20.00000	0.010917 d
						8.0277	36.00000	-73.66667	20.00000	0.010828 d
						10.035	38.00000	-73.83333	20.00000	0.010731 d
						12.042	40.00000	-74.00000	20.00000	0.010626 d
10	Beaumont Court_6		Beaumont Court_6		0.0	0.0	40.00000	-74.00000	20.00000	0.010626 d
						2.0046	40.13514	-72.00000	20.00000	0.011123 d
						4.0091	40.27027	-70.00000	20.00000	0.011649 d
						6.0137	40.40541	-68.00000	20.00000	0.012206 d
						8.0182	40.54054	-66.00000	20.00000	0.012796 d
						10.023	40.67568	-64.00000	20.00000	0.013420 d
						12.027	40.81081	-62.00000	20.00000	0.014081 d
						14.032	40.94595	-60.00000	20.00000	0.014781 d
						16.036	41.08108	-58.00000	20.00000	0.015522 d
						18.041	41.21622	-56.00000	20.00000	0.016307 d
						20.046	41.35135	-54.00000	20.00000	0.017138 d
						22.050	41.48649	-52.00000	20.00000	0.018019 d
						24.055	41.62162	-50.00000	20.00000	0.018950 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Ref.	Name Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [mm]	dx	
						50.114	43.37838	-24.00000	20.00000	0.036219	d
						52.119	43.51351	-22.00000	20.00000	0.037823	d
						54.123	43.64865	-20.00000	20.00000	0.039394	d
						56.128	43.78378	-18.00000	20.00000	0.040895	d
						58.132	43.91892	-16.00000	20.00000	0.042275	d
						60.137	44.05405	-14.00000	20.00000	0.043469	d
						62.141	44.18919	-12.00000	20.00000	0.044394	d
						64.146	44.32432	-10.00000	20.00000	0.044944	d
						66.150	44.45946	-8.00000	20.00000	0.044982	d
						68.155	44.59459	-6.00000	20.00000	0.044334	d
						70.160	44.72973	-4.00000	20.00000	0.042780	d
						72.164	44.86486	-2.00000	20.00000	0.040044	d
						74.169	45.00000	0.00000	20.00000	0.035775	d
	11		TP No.1_1	TP No.1_1	0.0	0.0	96.00000	-16.00000	20.00000	0.018268	d
						1.8634	94.33333	-15.16667	20.00000	0.019184	d
						3.7268	92.66667	-14.33333	20.00000	0.020155	d
						5.5902	91.00000	-13.50000	20.00000	0.021182	d
						7.4536	89.33333	-12.66667	20.00000	0.022269	d
						9.3169	87.66667	-11.83333	20.00000	0.023419	d
						11.180	86.00000	-11.00000	20.00000	0.024633	d
	12		TP No.1_2	TP No.1_2	0.0	0.0	86.00000	-11.00000	20.00000	0.024633	d
						1.8634	85.16667	-12.66667	20.00000	0.024404	d
						3.7268	84.33333	-14.33333	20.00000	0.024149	d
						5.5902	83.50000	-16.00000	20.00000	0.023870	d
						7.4536	82.66667	-17.66667	20.00000	0.023568	d
						9.3169	81.83333	-19.33333	20.00000	0.023244	d
						11.180	81.00000	-21.00000	20.00000	0.022900	d
	13		TP No.1_3	TP No.1_3	0.0	0.0	81.00000	-21.00000	20.00000	0.022900	d
						2.0454	79.14286	-20.14286	20.00000	0.024128	d
						4.0908	77.28571	-19.28571	20.00000	0.025420	d
						6.1362	75.42857	-18.42857	20.00000	0.026775	d
						8.1816	73.57143	-17.57143	20.00000	0.028193	d
						10.227	71.71429	-16.71429	20.00000	0.029668	d
						12.272	69.85714	-15.85714	20.00000	0.031197	d
						14.318	68.00000	-15.00000	20.00000	0.032771	d
	14		TP No.1_4	TP No.1_4	0.0	0.0	68.00000	-15.00000	20.00000	0.032771	d
						2.0900	67.16667	-16.91667	20.00000	0.031967	d
						4.1800	66.33333	-18.83333	20.00000	0.031141	d
						6.2700	65.50000	-20.75000	20.00000	0.030297	d
						8.3600	64.66667	-22.66667	20.00000	0.029439	d
						10.450	63.83333	-24.58333	20.00000	0.028568	d
						12.540	63.00000	-26.50000	20.00000	0.027691	d
	15		TP No.1_5	TP No.1_5	0.0	0.0	63.00000	-26.50000	20.00000	0.027691	d
						1.9699	64.76190	-27.38095	20.00000	0.026466	d
						3.9397	62.92381	-28.26190	20.00000	0.025281	d
						5.9096	61.08571	-29.14286	20.00000	0.024140	d
						7.8795	59.24762	-30.02381	20.00000	0.023043	d
						9.8493	57.40952	-30.90476	20.00000	0.021992	d
						11.819	55.57143	-31.78571	20.00000	0.020985	d
						13.789	53.73333	-32.66667	20.00000	0.020024	d
						15.759	51.89524	-33.54762	20.00000	0.019107	d
						17.729	50.05714	-34.42857	20.00000	0.018234	d
						19.699	48.21905	-35.30952	20.00000	0.017402	d
						21.669	46.38095	-36.19048	20.00000	0.016612	d
						23.638	44.54286	-37.07143	20.00000	0.015860	d
						25.608	42.70476	-37.95238	20.00000	0.015146	d
						27.578	40.86667	-38.83333	20.00000	0.014468	d
						29.548	39.02857	-39.71429	20.00000	0.013824	d
						31.518	37.19048	-40.59524	20.00000	0.013213	d
						33.488	35.35238	-41.47619	20.00000	0.012634	d
						35.458	33.51429	-42.35714	20.00000	0.012084	d
						37.428	31.67619	-43.23810	20.00000	0.011561	d
						39.397	29.83810	-44.11905	20.00000	0.011066	d
	16		TP No.1_6	TP No.1_6	0.0	0.0	100.00000	-45.00000	20.00000	0.010596	d
						2.0883	101.00000	-43.16667	20.00000	0.010747	d
						4.1767	102.00000	-41.33333	20.00000	0.010891	d
						6.2650	103.00000	-39.50000	20.00000	0.011028	d
						8.3533	104.00000	-37.66667	20.00000	0.011157	d
						10.442	105.00000	-35.83333	20.00000	0.011277	d
						12.530	106.00000	-34.00000	20.00000	0.011388	d
	17		TP No.1_7	TP No.1_7	0.0	0.0	106.00000	-34.00000	20.00000	0.011388	d
						2.0691	104.12500	-33.12500	20.00000	0.011946	d
						4.1382	102.25000	-32.25000	20.00000	0.012537	d
						6.2074	100.37500	-31.37500	20.00000	0.013164	d
						8.2765	98.50000	-30.50000	20.00000	0.013828	d
						10.346	96.62500	-29.62500	20.00000	0.014534	d
						12.415	94.75000	-28.75000	20.00000	0.015282	d
						14.484	92.87500	-27.87500	20.00000	0.016075	d
						16.553	91.00000	-27.00000	20.00000	0.016917	d
	18		TP No.1_8	TP No.1_8	0.0	0.0	91.00000	-27.00000	20.00000	0.016917	d
						2.0138	91.83333	-25.16667	20.00000	0.017181	d
						4.0277	92.66667	-23.33333	20.00000	0.017432	d
						6.0415	93.50000	-21.50000	20.00000	0.017667	d
						8.0554	94.33333	-19.66667	20.00000	0.017885	d
						10.069	95.16667	-17.83333	20.00000	0.018086	d
						12.083	96.00000	-16.00000	20.00000	0.018268	d
	19		TP No.2_1	TP No.2_1	0.0	0.0	148.00000	-41.00000	20.00000	0.0050373	d
						1.9906	146.20000	-40.15000	20.00000	0.0052307	d
						3.9812	144.40000	-39.30000	20.00000	0.0054329	d
						5.9718	142.60000	-38.45000	20.00000	0.0056472	d
						7.9624	140.80000	-37.60000	20.00000	0.0058715	d
						9.9530	139.00000	-36.75000	20.00000	0.0061075	d
						11.944	137.20000	-35.90000	20.00000	0.0063557	d
						13.934	135.40000	-35.05000	20.00000	0.0066171	d
						15.925	133.60000	-34.20000	20.00000	0.0068924	d
						17.915	131.80000	-33.35000	20.00000	0.0071826	d
						19.906	130.00000	-32.50000	20.00000	0.0074885	d
						21.897	128.20000	-31.65000	20.00000	0.0078113	d
						23.887	126.40000	-30.80000	20.00000	0.0081520	d
						25.878	124.60000	-29.95000	20.00000	0.0085118	d
						27.868	122.80000	-29.10000	20.00000	0.0088921	d
						29.859	121.00000	-28.25000	20.00000	0.0092940	d
						31.850	119.20000	-27.40000	20.00000	0.0097193	d
						33.840	117.40000	-26.55000	20.00000	0.010169	d
						35.831	115.60000	-25.70000	20.00000	0.010646	d
						37.821	113.80000	-24.85000	20.00000	0.011151	d
	20		TP No.2_2	TP No.2_2	0.0	0.0	112.00000	-24.0			



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [mm]	dx
23	TP No.3_1	TP No.3_1	TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	0.0021196
					2.0396	198.16000	-54.12000	20.00000	0.0021835
					4.0792	196.32000	-53.24000	20.00000	0.0022500
					6.1188	194.48000	-52.36000	20.00000	0.0023192
					8.1584	192.64000	-51.48000	20.00000	0.0023912
					10.198	190.80000	-50.60000	20.00000	0.0024661
					12.238	188.96000	-49.72000	20.00000	0.0025442
					14.277	187.12000	-48.84000	20.00000	0.0026255
					16.317	185.28000	-47.96000	20.00000	0.0027103
					18.356	183.44000	-47.08000	20.00000	0.0027987
					20.396	181.60000	-46.20000	20.00000	0.0028909
					22.436	179.76000	-45.32000	20.00000	0.0029871
					24.475	177.92000	-44.44000	20.00000	0.0030876
					26.515	176.08000	-43.56000	20.00000	0.0031926
					28.555	174.24000	-42.68000	20.00000	0.0033022
					30.594	172.40000	-41.80000	20.00000	0.0034168
					32.634	170.56000	-40.92000	20.00000	0.0035367
					34.673	168.72000	-40.04000	20.00000	0.0036621
					36.713	166.88000	-39.16000	20.00000	0.0037934
					38.753	165.04000	-38.28000	20.00000	0.0039310
					40.792	163.20000	-37.40000	20.00000	0.0040750
					42.832	161.36000	-36.52000	20.00000	0.0042260
					44.871	159.52000	-35.64000	20.00000	0.0043844
					46.911	157.68000	-34.76000	20.00000	0.0045506
					48.951	155.84000	-33.88000	20.00000	0.0047251
					50.990	154.00000	-33.00000	20.00000	0.0049083
24	TP No.3_2	TP No.3_2	TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	0.0049083
					1.9166	153.14286	-34.71429	20.00000	0.0049058
					3.8333	152.28571	-36.42857	20.00000	0.0049010
					5.7499	151.42857	-38.14286	20.00000	0.0048938
					7.6665	150.57143	-39.85714	20.00000	0.0048844
					9.5831	149.71429	-41.57143	20.00000	0.0048727
					11.500	148.85714	-43.28571	20.00000	0.0048587
					13.416	148.00000	-45.00000	20.00000	0.0048425
25	TP No.3_3	TP No.3_3	TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	0.0048425
					2.0227	146.84000	-45.84000	20.00000	0.0046654
					4.0453	151.68000	-46.68000	20.00000	0.0044965
					6.0680	153.52000	-47.52000	20.00000	0.0043354
					8.0907	155.36000	-48.36000	20.00000	0.0041818
					10.113	157.20000	-49.20000	20.00000	0.0040351
					12.136	159.04000	-50.04000	20.00000	0.0038950
					14.159	160.88000	-50.88000	20.00000	0.0037612
					16.181	162.72000	-51.72000	20.00000	0.0036333
					18.204	164.56000	-52.56000	20.00000	0.0035110
					20.227	166.40000	-53.40000	20.00000	0.0033940
					22.249	168.24000	-54.24000	20.00000	0.0032820
					24.272	170.08000	-55.08000	20.00000	0.0031748
					26.295	171.92000	-55.92000	20.00000	0.0030721
					28.317	173.76000	-56.76000	20.00000	0.0029736
					30.340	175.60000	-57.60000	20.00000	0.0028793
					32.363	177.44000	-58.44000	20.00000	0.0027888
					34.385	179.28000	-59.28000	20.00000	0.0027020
					36.408	181.12000	-60.12000	20.00000	0.0026187
					38.431	182.96000	-60.96000	20.00000	0.0025388
					40.453	184.80000	-61.80000	20.00000	0.0024620
					42.476	186.64000	-62.64000	20.00000	0.0023882
					44.499	188.48000	-63.48000	20.00000	0.0023173
					46.521	190.32000	-64.32000	20.00000	0.0022491
					48.544	192.16000	-65.16000	20.00000	0.0021835
26	TP No.3_4	TP No.3_4	TP No.3_4	0.0	0.0	194.00000	-66.00000	20.00000	0.0021204
					2.0883	195.00000	-64.16667	20.00000	0.0021220
					4.1767	196.00000	-62.33333	20.00000	0.0021229
					6.2650	197.00000	-60.50000	20.00000	0.0021231
					8.3533	198.00000	-58.66667	20.00000	0.0021226
					10.442	199.00000	-56.83333	20.00000	0.0021214
					12.530	200.00000	-55.00000	20.00000	0.0021196
27	Hospital No.1_1	Hospital No.1_1	Hospital No.1_1	0.0	0.0	189.00000	-19.00000	19.00000	0.0030539
					2.0000	189.00000	-21.00000	19.00000	0.0030236
					4.0000	189.00000	-23.00000	19.00000	0.0029927
					6.0000	189.00000	-25.00000	19.00000	0.0029613
					8.0000	189.00000	-27.00000	19.00000	0.0029293
					10.000	189.00000	-29.00000	19.00000	0.0028968
					12.000	189.00000	-31.00000	19.00000	0.0028639
28	Hospital No.1_2	Hospital No.1_2	Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	0.0028639
					1.9474	190.94737	-31.00000	19.00000	0.0027826
					3.8947	192.89474	-31.00000	19.00000	0.0027042
					5.8421	194.84211	-31.00000	19.00000	0.0026285
					7.7895	196.78947	-31.00000	19.00000	0.0025555
					9.7368	198.73684	-31.00000	19.00000	0.0024851
					11.684	200.68421	-31.00000	19.00000	0.0024170
					13.632	202.63158	-31.00000	19.00000	0.0023514
					15.579	204.57895	-31.00000	19.00000	0.0022879
					17.526	206.52632	-31.00000	19.00000	0.0022267
					19.474	208.47368	-31.00000	19.00000	0.0021675
					21.421	210.42105	-31.00000	19.00000	0.0021102
					23.368	212.36842	-31.00000	19.00000	0.0020549
					25.316	214.31579	-31.00000	19.00000	0.0020015
					27.263	216.26316	-31.00000	19.00000	0.0019498
					29.211	218.21053	-31.00000	19.00000	0.0018997
					31.158	220.15789	-31.00000	19.00000	0.0018514
					33.105	222.10526	-31.00000	19.00000	0.0018045
					35.053	224.05263	-31.00000	19.00000	0.0017592
29	Hospital No.1_3	Hospital No.1_3	Hospital No.1_3	0.0	37.000	226.00000	-31.00000	19.00000	0.0017153
					0.0	226.00000	-31.00000	19.00000	0.0017153
					2.0000	226.00000	-29.00000	19.00000	0.0017293
					4.0000	226.00000	-27.00000	19.00000	0.0017431
					6.0000	226.00000	-25.00000	19.00000	0.0017565
					8.0000	226.00000	-23.00000	19.00000	0.0017697
					10.000	226.00000	-21.00000	19.00000	0.0017826
					12.000	226.00000	-19.00000	19.00000	0.0017951
					14.000	226.00000	-17.00000	19.00000	0.0018073
					16.000	226.00000	-15.00000	19.00000	0.0018192
					18.000	226.00000	-13.00000	19.00000	0.0018307
					20.000	226.00000	-11.00000	19.00000	0.0018419
					22.000	226.00000	-9.00000	19.00000	0.0018526
30	Hospital No.1_4	Hospital No.1_4	Hospital No.1_4	0.0	0.0	226.00000	-9.00000	19.00000	0.0018526
					2.0000	224.00000	-9.00000	19.00000	0.0019039
					4.0000	222.00000	-9.00000	19.00000	0.0019571
					6.0000	220.00000	-9.00000	19.00000	0.0020122
					8.0000	218.00000	-9.00000	19.00000	0.0020693
					10.000	216.00000	-9.00000	19.00000	0.0021286
					12.000	214.00000	-9.00000	19.00000	0.0021900
					14.000	212.00000	-9.00000	19.00000	0.0022538
31	Hospital No.1_5	Hospital No.1_5	Hospital No.1_5	0.0	0.0	212.00000	-9.00000	19.00000	0.0022538
					2.0000	212.00000	-11.00000	19.00000	0.0022389
					4.0000	212.0000			



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dx
					16.000	189.00000	21.00000	19.00000	0.0034646 d
					18.000	189.00000	19.00000	19.00000	0.0034553 d
					20.000	189.00000	17.00000	19.00000	0.0034446 d
					22.000	189.00000	15.00000	19.00000	0.0034325 d
					24.000	189.00000	13.00000	19.00000	0.0034192 d
					26.000	189.00000	11.00000	19.00000	0.0034046 d
					28.000	189.00000	9.00000	19.00000	0.0033887 d
					30.000	189.00000	7.00000	19.00000	0.0033715 d
					32.000	189.00000	5.00000	19.00000	0.0033532 d
34	Hospital No.2_2	Hospital No.2_2		0.0	0.0	189.00000	5.00000	19.00000	0.0033532 d
					2.0000	191.00000	5.00000	19.00000	0.0032450 d
					4.0000	193.00000	5.00000	19.00000	0.0031414 d
					6.0000	195.00000	5.00000	19.00000	0.0030419 d
					8.0000	197.00000	5.00000	19.00000	0.0029466 d
					10.000	199.00000	5.00000	19.00000	0.0028551 d
					12.000	201.00000	5.00000	19.00000	0.0027672 d
					14.000	203.00000	5.00000	19.00000	0.0026828 d
					16.000	205.00000	5.00000	19.00000	0.0026018 d
					18.000	207.00000	5.00000	19.00000	0.0025239 d
					20.000	209.00000	5.00000	19.00000	0.0024490 d
					22.000	211.00000	5.00000	19.00000	0.0023770 d
					24.000	213.00000	5.00000	19.00000	0.0023077 d
					26.000	215.00000	5.00000	19.00000	0.0022410 d
					28.000	217.00000	5.00000	19.00000	0.0021769 d
					30.000	219.00000	5.00000	19.00000	0.0021151 d
					32.000	221.00000	5.00000	19.00000	0.0020555 d
					34.000	223.00000	5.00000	19.00000	0.0019982 d
					36.000	225.00000	5.00000	19.00000	0.0019429 d
35	Hospital No.2_3	Hospital No.2_3		0.0	0.0	225.00000	5.00000	19.00000	0.0019429 d
					2.0000	227.00000	7.00000	19.00000	0.0019503 d
					4.0000	229.00000	9.00000	19.00000	0.0019572 d
					6.0000	231.00000	11.00000	19.00000	0.0019636 d
					8.0000	233.00000	13.00000	19.00000	0.0019695 d
					10.000	235.00000	15.00000	19.00000	0.0019748 d
					12.000	237.00000	17.00000	19.00000	0.0019796 d
					14.000	239.00000	19.00000	19.00000	0.0019839 d
					16.000	241.00000	21.00000	19.00000	0.0019876 d
					18.000	243.00000	23.00000	19.00000	0.0019908 d
					20.000	245.00000	25.00000	19.00000	0.0019934 d
					22.000	247.00000	27.00000	19.00000	0.0019955 d
					24.000	249.00000	29.00000	19.00000	0.0019970 d
					26.000	251.00000	31.00000	19.00000	0.0019979 d
					28.000	253.00000	33.00000	19.00000	0.0019983 d
					30.000	255.00000	35.00000	19.00000	0.0019981 d
					32.000	257.00000	37.00000	19.00000	0.0019973 d
36	Hospital No.2_4	Hospital No.2_4		0.0	0.0	257.00000	37.00000	19.00000	0.0019973 d
					2.0000	259.00000	39.00000	19.00000	0.0020052 d
					4.0000	261.00000	41.00000	19.00000	0.0020153 d
					6.0000	263.00000	43.00000	19.00000	0.0020278 d
					8.0000	265.00000	45.00000	19.00000	0.0020427 d
					10.000	267.00000	47.00000	19.00000	0.0020601 d
					12.000	269.00000	49.00000	19.00000	0.0020803 d
					14.000	271.00000	51.00000	19.00000	0.0021033 d
					16.000	273.00000	53.00000	19.00000	0.0021291 d
					18.000	275.00000	55.00000	19.00000	0.0021682 d
					20.000	277.00000	57.00000	19.00000	0.0022205 d
					22.000	279.00000	59.00000	19.00000	0.0022869 d
					24.000	281.00000	61.00000	19.00000	0.0023686 d
					26.000	283.00000	63.00000	19.00000	0.0024669 d
					28.000	285.00000	65.00000	19.00000	0.0025827 d
					30.000	287.00000	67.00000	19.00000	0.0027179 d
					32.000	289.00000	69.00000	19.00000	0.0028735 d
					34.000	291.00000	71.00000	19.00000	0.0030509 d
					36.000	293.00000	73.00000	19.00000	0.0032502 d
37	Hospital No.3_1	Hospital No.3_1		0.0	0.0	293.00000	73.00000	19.00000	0.0032502 d
					1.9375	295.00000	75.06250	19.00000	0.0032610 d
					3.8750	297.00000	77.12500	19.00000	0.0032724 d
					5.8125	299.00000	79.18750	19.00000	0.0032853 d
					7.7500	301.00000	81.25000	19.00000	0.0032996 d
					9.6875	303.00000	83.31250	19.00000	0.0033152 d
					11.6250	305.00000	85.37500	19.00000	0.0033320 d
					13.5625	307.00000	87.43750	19.00000	0.0033500 d
					15.5000	309.00000	89.50000	19.00000	0.0033691 d
					17.4375	311.00000	91.56250	19.00000	0.0033893 d
					19.3750	313.00000	93.62500	19.00000	0.0034106 d
					21.3125	315.00000	95.68750	19.00000	0.0034330 d
					23.2500	317.00000	97.75000	19.00000	0.0034564 d
					25.1875	319.00000	99.81250	19.00000	0.0034808 d
					27.1250	321.00000	101.87500	19.00000	0.0035062 d
					29.0625	323.00000	103.93750	19.00000	0.0035326 d
					31.0000	325.00000	106.00000	19.00000	0.0035600 d
38	Hospital No.3_2	Hospital No.3_2		0.0	0.0	325.00000	106.00000	19.00000	0.0035600 d
					1.80000	327.00000	108.00000	19.00000	0.0035874 d
					3.60000	329.00000	110.00000	19.00000	0.0036158 d
					5.40000	331.00000	112.00000	19.00000	0.0036452 d
					7.20000	333.00000	114.00000	19.00000	0.0036756 d
					9.00000	335.00000	116.00000	19.00000	0.0037070 d
39	Hospital No.3_3	Hospital No.3_3		0.0	0.0	335.00000	116.00000	19.00000	0.0037070 d
					1.80000	337.00000	118.00000	19.00000	0.0037394 d
					3.60000	339.00000	120.00000	19.00000	0.0037728 d
					5.40000	341.00000	122.00000	19.00000	0.0038072 d
					7.20000	343.00000	124.00000	19.00000	0.0038426 d
					9.00000	345.00000	126.00000	19.00000	0.0038790 d
40	Hospital No.3_4	Hospital No.3_4		0.0	0.0	345.00000	126.00000	19.00000	0.0038790 d
					2.00000	347.00000	128.00000	19.00000	0.0039154 d
					4.00000	349.00000	130.00000	19.00000	0.0039528 d
					6.00000	351.00000	132.00000	19.00000	0.0039912 d
					8.00000	353.00000	134.00000	19.00000	0.0040306 d
					10.000	355.00000	136.00000	19.00000	0.0040710 d
					12.000	357.00000	138.00000	19.00000	0.0041124 d
					14.000	359.00000	140.00000	19.00000	0.0041548 d
					16.000	361.00000	142.00000	19.00000	0.0041982 d
					18.000	363.00000	144.00000	19.00000	0.0042426 d
					20.000	365.00000	146.00000	19.00000	0.0042880 d
					22.000	367.00000	148.00000	19.00000	0.0043344 d
					24.000	369.00000	150.00000	19.00000	0.0043818 d
41	Hospital No.3_5	Hospital No.3_5		0.0	0.0	369.00000	150.00000	19.00000	0.0043818 d
					1.80000	371.00000	152.00000	19.00000	0.0044302 d
					3.60000	373.00000	154.00000	19.00000	0.0044796 d
					5.40000	375.00000	156.00000	19.00000	0.0045300 d
					7.20000	377.00000	158.00000	19.00000	0.0045814 d
					9.00000	379.00000	160.00000	19.00000	0.0046338 d
42	Hospital No.3_6	Hospital No.3_6		0.0	0.0	379.00000	160.00000	19.00000	0.0046338 d
					2.00000	381.00000	162.00000	19.00000	0.0046872 d
					4.00000	383.00000	164.00000	19.00000	0.0047416 d
					6.00000	385.00000	166.00000	19.00000	0.0047970 d
					8.00000	387.00000	168.00000	19.00000	0.0048534 d
43	Hospital No.3_7	Hospital No.3_7		0.0	0.0	387.00000	168.00000	19.00000	0.0048534 d
					1.93750	389.00000	170.06250	19.00000	0.0049108 d
					3.87500	391.00000	172.12500	19.00000	0.0049692 d
					5.81250	393.00000	174.18750	19.00000	0.0050286 d
					7.75000	395.00000	176.25000	19.00000	0.0050890 d
					9.68750	397.00000	178.31250	19.00000	0.0051504 d
					11.62500	399.00000	180.37500	19.00000	0.0052128 d
					13.56250	401.00000	182.43750	19.00000	0.0052762 d
					15.50000	403.00000	184.50000	19.00000	0.0053406 d
					17.43750	405.00000	186.56250	19.00000	0.0054060 d
					19.37500	407.00000	188.62500	19.00000	0.0054724 d
					21.31250	409.00000	190.68750	19.00000	0.0055398 d
					23.25000	411.00000	192.75000	19.00000	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dx [mm]	
							13.667	216.33333	77.00000	19.00000	0.0021093 d
							15.619	214.38095	77.00000	19.00000	0.0021685 d
							17.571	212.42857	77.00000	19.00000	0.0022298 d
							19.524	210.47619	77.00000	19.00000	0.0022934 d
							21.476	208.52381	77.00000	19.00000	0.0023593 d
							23.429	206.57143	77.00000	19.00000	0.0024278 d
							25.381	204.61905	77.00000	19.00000	0.0024988 d
							27.333	202.66667	77.00000	19.00000	0.0025725 d
							29.286	200.71429	77.00000	19.00000	0.0026491 d
							31.238	198.76190	77.00000	19.00000	0.0027286 d
							33.190	196.80952	77.00000	19.00000	0.0028112 d
							35.143	194.85714	77.00000	19.00000	0.0028971 d
							37.095	192.90476	77.00000	19.00000	0.0029864 d
							39.048	190.95238	77.00000	19.00000	0.0030792 d
							41.000	189.00000	77.00000	19.00000	0.0031757 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min
						from Line for					Ratio	Horizontal	Tensile	of	of Vertical	Radius
						Vertical						Strain	Strain	Horizontal	Displacement	Curve
						Movement Calculations [m]		[m]	[m]		[%]	[%]	[%]			[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	1	1.9444	7.4530	None	448.91E-6	0.0	408.52E-6	0.0	59.042E-6	
211180.0	(Negligible)						2	9.3975	18.958	None	0.0019606	0.0	0.0029058	0.0	-63.799E-6	
74505.0	(Negligible)						3	28.356	6.4444	None	381.10E-6	0.0	353.30E-6	0.0	-63.799E-6	
190620.0	(Negligible)		2	Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	4.0000	None	123.42E-6	0.0	119.98E-6	0.0	-28.325E-6	
394660.0	(Negligible)		3	Canal Side Studios_3	Canal Side Studios_3	0.0	All vertical displacements are less than the limit sensitivity.									
			4	Canal Side Studios_4	Canal Side Studios_4	0.0	All vertical displacements are less than the limit sensitivity.									
			5	Beaumont Court_1	Beaumont Court_1	0.0	All vertical displacements are less than the limit sensitivity.									
			6	Beaumont Court_2	Beaumont Court_2	0.0	All vertical displacements are less than the limit sensitivity.									
			7	Beaumont Court_3	Beaumont Court_3	0.0	All vertical displacements are less than the limit sensitivity.									
			8	Beaumont Court_4	Beaumont Court_4	0.0	All vertical displacements are less than the limit sensitivity.									
			9	Beaumont Court_5	Beaumont Court_5	0.0	All vertical displacements are less than the limit sensitivity.									
			10	Beaumont Court_6	Beaumont Court_6	0.0	All vertical displacements are less than the limit sensitivity.									
			11	TP No.1_1	TP No.1_1	0.0	All vertical displacements are less than the limit sensitivity.									
			12	TP No.1_2	TP No.1_2	0.0	All vertical displacements are less than the limit sensitivity.									
			13	TP No.1_3	TP No.1_3	0.0	All vertical displacements are less than the limit sensitivity.									
			14	TP No.1_4	TP No.1_4	0.0	All vertical displacements are less than the limit sensitivity.									
			15	TP No.1_5	TP No.1_5	0.0	All vertical displacements are less than the limit sensitivity.									
			16	TP No.1_6	TP No.1_6	0.0	All vertical displacements are less than the limit sensitivity.									
			17	TP No.1_7	TP No.1_7	0.0	All vertical displacements are less than the limit sensitivity.									
			18	TP No.1_8	TP No.1_8	0.0	All vertical displacements are less than the limit sensitivity.									
			19	TP No.2_1	TP No.2_1	0.0	All vertical displacements are less than the limit sensitivity.									
			20	TP No.2_2	TP No.2_2	0.0	All vertical displacements are less than the limit sensitivity.									
			21	TP No.2_3	TP No.2_3	0.0	All vertical displacements are less than the limit sensitivity.									
			22	TP No.2_4	TP No.2_4	0.0	All vertical displacements are less than the limit sensitivity.									
			23	TP No.3_1	TP No.3_1	0.0	All vertical displacements are less than the limit sensitivity.									
			24	TP No.3_2	TP No.3_2	0.0	All vertical displacements are less than the limit sensitivity.									
			25	TP No.3_3	TP No.3_3	0.0	All vertical displacements are less than the limit sensitivity.									
			26	TP No.3_4	TP No.3_4	0.0	All vertical displacements are less than the limit sensitivity.									
			27	Hospital No.1_1	Hospital No.1_1	0.0	All vertical displacements are less than the limit sensitivity.									
			28	Hospital No.1_2	Hospital No.1_2	0.0	All vertical displacements are less than the limit sensitivity.									
			29	Hospital No.1_3	Hospital No.1_3	0.0	All vertical displacements are less than the limit sensitivity.									
			30	Hospital No.1_4	Hospital No.1_4	0.0	All vertical displacements are less than the limit sensitivity.									
			31	Hospital No.1_5	Hospital No.1_5	0.0	All vertical displacements are less than the limit sensitivity.									
			32	Hospital No.1_6	Hospital No.1_6	0.0	All vertical displacements are less than the limit sensitivity.									
			33	Hospital No.2_1	Hospital No.2_1	0.0	All vertical displacements are less than the limit sensitivity.									
			34	Hospital No.2_2	Hospital No.2_2	0.0	All vertical displacements are less than the limit sensitivity.									
			35	Hospital No.2_3	Hospital No.2_3	0.0	All vertical displacements are less than the limit sensitivity.									
			36	Hospital No.2_4	Hospital No.2_4	0.0	All vertical displacements are less than the limit sensitivity.									
			37	Hospital No.3_1	Hospital No.3_1	0.0	All vertical displacements are less than the limit sensitivity.									
			38	Hospital No.3_2	Hospital No.3_2	0.0	All vertical displacements are less than the limit sensitivity.									
			39	Hospital No.3_3	Hospital No.3_3	0.0	All vertical displacements are less than the limit sensitivity.									
			40	Hospital No.3_4	Hospital No.3_4	0.0	All vertical displacements are less than the limit sensitivity.									
			41	Hospital No.3_5	Hospital No.3_5	0.0	All vertical displacements are less than the limit sensitivity.									
			42	Hospital No.3_6	Hospital No.3_6	0.0	All vertical displacements are less than the limit sensitivity.									
			43	Hospital No.3_7	Hospital No.3_7	0.0	All vertical displacements are less than the limit sensitivity.									
			44	Hospital No.3_8	Hospital No.3_8	0.0	All vertical displacements are less than the limit sensitivity.									

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

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

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Horizontal Displacement	Max Gradient of Vertical Displacement	Max Gradient of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Min Radius of Curvature (Sagging)
						from Line for Vertical Movement Calculations [m]	[%]	[%]		[mm]	[%]				[m]	[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	0.0019606	0.0	-63.799E-6	0.89216	0.0029058	0.0	-63.799E-6	-	-	-
0	(Negligible)															
0	(Negligible)		2	Canal Side Studios_2	Canal Side Studios_2	0.0	123.42E-6	0.0	-28.325E-6	0.20777	119.98E-6	0.0	-28.325E-6	-	-	-

Specific Building Damage Results - Critical Segments within Each Building

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Min Radius of Curvature (Sagging)
						Segment	[m]	[m]			[mm]	[%]	[m]	[m]	[m]
0	Base Model	0		Canal Side Studios_1	Max Slope	Canal Side Studios_1	2	9.3975	28.356	Sagging	63.799E-6	0.89216	0.0029058	-	74505.0
(Negligible)					Max Settlement	Canal Side Studios_1	2	9.3975	28.356	Sagging	63.799E-6	0.89216	0.0029058	-	74505.0
(Negligible)					Max Tensile Strain	Canal Side Studios_1	2	9.3975	28.356	Sagging	63.799E-6	0.89216	0.0029058	-	74505.0
-					Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-					Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0	Base Model	0		Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	4.0000	Sagging	28.325E-6	0.20777	119.98E-6	-	394660.0
(Negligible)					Max Settlement	Canal Side Studios_2	1	0.0	4.0000	Sagging	28.325E-6	0.20777	119.98E-6	-	394660.0
(Negligible)					Max Tensile Strain	Canal Side Studios_2	1	0.0	4.0000	Sagging	28.325E-6	0.20777	119.98E-6	-	394660.0
-					Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-					Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0	Base Model	0		Canal Side Studios_3	All vertical displacements are less than the limit sensitivity.										
(Negligible)					All vertical displacements are less than the limit sensitivity.										
(Negligible)					All vertical displacements are less than the limit sensitivity.										
0	Base Model	0		Canal Side Studios_4	All vertical displacements are less than the limit sensitivity.										
(Negligible)					All vertical displacements are less than the limit sensitivity.										
(Negligible)					All vertical displacements are less than the limit sensitivity.										
(Negligible)					All vertical displacements are less than the limit sensitivity.										



Building Damage Assessment

PLOT A - Demolition Existing

[illegible]



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment
PLOT A - Demolition Existing

Job No. Sheet No. Rev.

371654

Drg. Ref.

Made by
MK

Date
11-Aug-2020

Checked

Stage:	Stage: Name	Specific	Specific Building:	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Ref.	Category	Building: Ref.	Name	Segment						Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature
				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	Hospital No.2_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	Hospital No.2_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	Hospital No.2_4	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	Hospital No.3_1	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	Hospital No.3_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	Hospital No.3_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	Hospital No.3_4	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	Hospital No.3_5	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	Hospital No.3_6	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	Hospital No.3_7	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	Hospital No.3_8	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.									
				All vertical displacements are less than the limit sensitivity.									



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δa//	δperp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	1.8642	0.55668	2.6779	0.55668	-1.8642	90.000	*
				1.9444	6.00000	15.94444	22.00000	2.4447	0.051916	2.6653	0.051916	-2.4447	90.000	*
				3.8889	6.00000	17.88889	22.00000	2.4664	0.052377	2.6173	0.052377	-2.4664	90.000	*
				5.8333	6.00000	19.83333	22.00000	2.4882	0.052840	2.5521	0.052840	-2.4882	90.000	*
				7.7778	6.00000	21.77778	22.00000	2.5101	0.053304	2.4676	0.053304	-2.5101	90.000	*
				9.7222	6.00000	23.72222	22.00000	2.5320	0.053770	2.3672	0.053770	-2.5320	90.000	*
				11.667	6.00000	25.66667	22.00000	2.5540	0.054237	2.2678	0.054237	-2.5540	90.000	*
				13.611	6.00000	27.61111	22.00000	2.5761	0.054707	2.1924	0.054707	-2.5761	90.000	*
				15.556	6.00000	29.55556	22.00000	2.5983	0.055178	2.1388	0.055178	-2.5983	90.000	*
				17.500	6.00000	31.50000	22.00000	2.6206	0.055651	2.0879	0.055651	-2.6206	90.000	*
				19.444	6.00000	33.44444	22.00000	2.6429	0.056125	2.0507	0.056125	-2.6429	90.000	*
				21.389	6.00000	35.38889	22.00000	2.6653	0.056601	2.0659	0.056601	-2.6653	90.000	*
				23.333	6.00000	37.33333	22.00000	2.6878	0.057079	2.1405	0.057079	-2.6878	90.000	*
				25.278	6.00000	39.27778	22.00000	2.7104	0.057559	2.2484	0.057559	-2.7104	90.000	*
				27.222	6.00000	41.22222	22.00000	2.7331	0.058040	2.3735	0.058040	-2.7331	90.000	*
				29.167	6.00000	43.16667	22.00000	2.7558	0.058523	2.5150	0.058523	-2.7558	90.000	*
				31.111	6.00000	45.11111	22.00000	2.7787	0.059008	2.6457	0.059008	-2.7787	90.000	*
				33.056	6.00000	47.05556	22.00000	1.7732	-0.89871	2.7106	-0.89871	-1.7732	90.000	*
				35.000	6.00000	49.00000	22.00000	0.61122	-1.5372	2.4902	-1.5372	-0.61122	90.000	*
2			Canal Side Studios_2	0.0	6.00000	49.00000	22.00000	0.61122	-1.5372	2.4902	-1.5372	-0.61122	90.000	*
				2.0000	4.00000	49.00000	22.00000	0.97651	-0.76010	2.2933	-0.97651	0.76010	180.000	*
				4.0000	2.00000	49.00000	22.00000	0.89368	-0.38215	2.0032	-0.89368	0.38215	180.000	*
				6.0000	0.00000	49.00000	22.00000	0.66250	-0.19100	1.6737	-0.66250	0.19100	180.000	*
				8.0000	-2.00000	49.00000	22.00000	0.39256	-0.084522	1.3229	-0.39256	0.084522	180.000	*
				10.000	-4.00000	49.00000	22.00000	0.11189	-0.019107	0.95867	-0.11189	0.019107	180.000	*
				12.000	-6.00000	49.00000	22.00000	0.0	0.0	0.58518	0.0	0.0	180.000	*
				14.000	-8.00000	49.00000	22.00000	0.0	0.0	0.20495	0.0	0.0	180.000	*
				16.000	-10.00000	49.00000	22.00000	0.0	0.0	0.023891	0.0	0.0	180.000	*
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.030556	0.0	0.0	180.000	*
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	180.000	*
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	270.000	*
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.033385	0.0	0.0	270.000	*
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.031583	0.0	0.0	270.000	*
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.029833	0.0	0.0	270.000	*
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.028236	0.0	0.0	270.000	*
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.026891	0.0	0.0	270.000	*
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.025884	0.0	0.0	270.000	*
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.025283	0.0	0.0	270.000	*
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.025129	0.0	0.0	270.000	*
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.025431	0.0	0.0	270.000	*
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.026168	0.0	0.0	270.000	*
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.027292	0.0	0.0	270.000	*
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.028730	0.0	0.0	270.000	*
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.030393	0.0	0.0	270.000	*
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.032184	0.0	0.0	270.000	*
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.034008	0.0	0.0	270.000	*
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.035774	0.0	0.0	270.000	*
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.037405	0.0	0.0	270.000	*
4			Canal Side Studios_4	35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.038840	0.0	0.0	270.000	*
				0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.038840	0.0	0.0	270.000	*
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.036128	0.0	0.0	0.0	*
				4.0000	-10.00000	14.00000	22.00000	0.0	0.0	0.032046	0.0	0.0	0.0	*
				6.0000	-8.00000	14.00000	22.00000	0.0	0.0	0.026824	0.0	0.0	0.0	*
				8.0000	-6.00000	14.00000	22.00000	0.0	0.0	0.018424	0.0	0.0	0.0	*
				10.000	-4.00000	14.00000	22.00000	0.0	0.0	0.009727	0.0	0.0	0.0	*
				12.000	-2.00000	14.00000	22.00000	0.34570	0.019534	1.1928	0.34570	0.019534	0.0	*
				14.000	0.00000	14.00000	22.00000	0.71102	0.049368	1.5742	0.71102	0.049368	0.0	*
				16.000	2.00000	14.00000	22.00000	1.1158	0.10225	1.9507	1.1158	0.10225	0.0	*
				18.000	4.00000	14.00000	22.00000	1.5520	0.21494	2.3207	1.5520	0.21494	0.0	*
				20.000	6.00000	14.00000	22.00000	1.8642	0.55668	2.6779	1.8642	0.55668	90.000	*
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.0	0.22050	0.0	0.0	176.82	*
				2.0031	43.00000	0.11111	20.00000	0.0	0.0	0.29772	0.0	0.0	176.82	*
				4.0062	41.00000	0.22222	20.00000	0.0	0.0	0.32536	0.0	0.0	176.82	*
				6.0093	39.00000	0.33333	20.00000	0.0	0.0	0.34396	0.0	0.0	176.82	*
				8.0123	37.00000	0.44444	20.00000	0.0	0.0	0.36261	0.0	0.0	176.82	*
				10.015	35.00000	0.55556	20.00000	0.0	0.0	0.38146	0.0	0.0	176.82	*
				12.019	33.00000	0.66667	20.00000	0.0	0.0	0.40064	0.0	0.0	176.82	*
				14.022	31.00000	0.77778	20.00000	0.0	0.0	0.42026	0.0	0.0	176.82	*
				16.025	29.00000	0.88889	20.00000	0.0	0.0	0.44041	0.0	0.0	176.82	*
				18.028	27.00000	1.00000	20.00000	0.0	0.0	0.46117	0.0	0.0	176.82	*
6			Beaumont Court_2	0.0	27.00000	1.00000	20.00000	0.0	0.0	0.46117	0.0	0.0	264.81	*
				1.8409	26.83333	-0.83333	20.00000	0.0	0.0	0.10700	0.0	0.0	264.81	*
				3.6818	26.66667	-2.66667	20.00000	0.0	0.0	0.030565	0.0	0.0	264.81	*
				5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.036739	0.0	0.0	264.81	*
				7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.040851	0.0	0.0	264.81	*
				9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.043404	0.0	0.0	264.81	*
				11.045	26.00									



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Shiperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	0.017138	0.0	0.0 86.135 *
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	0.018019	0.0	0.0 86.135 *
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	0.018950	0.0	0.0 86.135 *
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	0.019935	0.0	0.0 86.135 *
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	0.020976	0.0	0.0 86.135 *
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	0.022076	0.0	0.0 86.135 *
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	0.023235	0.0	0.0 86.135 *
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	0.024455	0.0	0.0 86.135 *
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	0.025718	0.0	0.0 86.135 *
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	0.027082	0.0	0.0 86.135 *
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	0.028486	0.0	0.0 86.135 *
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	0.029947	0.0	0.0 86.135 *
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	0.031461	0.0	0.0 86.135 *
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	0.033019	0.0	0.0 86.135 *
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	0.034610	0.0	0.0 86.135 *
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	0.036218	0.0	0.0 86.135 *
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	0.037823	0.0	0.0 86.135 *
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	0.039394	0.0	0.0 86.135 *
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	0.040895	0.0	0.0 86.135 *
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	0.042275	0.0	0.0 86.135 *
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	0.043469	0.0	0.0 86.135 *
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	0.044394	0.0	0.0 86.135 *
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	0.044944	0.0	0.0 86.135 *
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	0.044982	0.0	0.0 86.135 *
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	0.044334	0.0	0.0 86.135 *
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	0.042780	0.0	0.0 86.135 *
					72.164	44.86486	-2.00000	20.00000	0.0	0.0	0.040044	0.0	0.0 86.135 *
					74.169	45.00000	0.00000	20.00000	0.0	0.0	0.022050	0.0	0.0 86.135 *
11		TP No.1_1			0.0	96.00000	-16.00000	20.00000	0.0	0.0	0.018268	0.0	0.0 153.43 *
					1.8634	94.33333	-15.16667	20.00000	0.0	0.0	0.019184	0.0	0.0 153.43 *
					3.7268	92.66667	-14.33333	20.00000	0.0	0.0	0.020155	0.0	0.0 153.43 *
					5.5902	91.00000	-13.50000	20.00000	0.0	0.0	0.021182	0.0	0.0 153.43 *
					7.4536	89.33333	-12.66667	20.00000	0.0	0.0	0.022269	0.0	0.0 153.43 *
					9.3169	87.66667	-11.83333	20.00000	0.0	0.0	0.023419	0.0	0.0 153.43 *
12		TP No.1_2			11.180	86.00000	-11.00000	20.00000	0.0	0.0	0.024633	0.0	0.0 153.43 *
					0.0	86.00000	-11.00000	20.00000	0.0	0.0	0.024633	0.0	0.0 243.43 *
					1.8634	85.16667	-12.66667	20.00000	0.0	0.0	0.024404	0.0	0.0 243.43 *
					3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.024149	0.0	0.0 243.43 *
					5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.023870	0.0	0.0 243.43 *
					7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.023568	0.0	0.0 243.43 *
					9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.023244	0.0	0.0 243.43 *
					11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.022900	0.0	0.0 243.43 *
13		TP No.1_3			0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.022900	0.0	0.0 155.22 *
					2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.024128	0.0	0.0 155.22 *
					4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.025420	0.0	0.0 155.22 *
					6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.026775	0.0	0.0 155.22 *
					8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.028193	0.0	0.0 155.22 *
					10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.029668	0.0	0.0 155.22 *
					12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.031197	0.0	0.0 155.22 *
					14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.032771	0.0	0.0 155.22 *
14		TP No.1_4			0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.032771	0.0	0.0 246.50 *
					2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.031967	0.0	0.0 246.50 *
					4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.031141	0.0	0.0 246.50 *
					6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.030297	0.0	0.0 246.50 *
					8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.029439	0.0	0.0 246.50 *
					10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.028568	0.0	0.0 246.50 *
					12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.027691	0.0	0.0 246.50 *
15		TP No.1_5			0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.027691	0.0	0.0 333.43 *
					1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.026466	0.0	0.0 333.43 *
					3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.025281	0.0	0.0 333.43 *
					5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.024140	0.0	0.0 333.43 *
					7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.023043	0.0	0.0 333.43 *
					9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.021992	0.0	0.0 333.43 *
					11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.020985	0.0	0.0 333.43 *
					13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.020024	0.0	0.0 333.43 *
					15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.019107	0.0	0.0 333.43 *
					17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.018234	0.0	0.0 333.43 *
					19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.017402	0.0	0.0 333.43 *
					21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.016612	0.0	0.0 333.43 *
					23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.015860	0.0	0.0 333.43 *
					25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.015146	0.0	0.0 333.43 *
					27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.014468	0.0	0.0 333.43 *
					29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.013824	0.0	0.0 333.43 *
					31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.013213	0.0	0.0 333.43 *
					33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.012634	0.0	0.0 333.43 *
					35.458	94.71429	-42.35714	20.00000					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	dx	dy	dz	dx//	dyperp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				23.887	128.600000	-43.200000	20.000000	0.0	0.0	0.0067692	0.0	0.0	334.72
				25.878	130.400000	-44.050000	20.000000	0.0	0.0	0.0065033	0.0	0.0	334.72
				27.868	132.200000	-44.900000	20.000000	0.0	0.0	0.0062505	0.0	0.0	334.72
				29.859	134.000000	-45.750000	20.000000	0.0	0.0	0.0060101	0.0	0.0	334.72
				31.850	135.800000	-46.600000	20.000000	0.0	0.0	0.0057814	0.0	0.0	334.72
				33.840	137.600000	-47.450000	20.000000	0.0	0.0	0.0055637	0.0	0.0	334.72
				35.831	139.400000	-48.300000	20.000000	0.0	0.0	0.0053564	0.0	0.0	334.72
				37.821	141.200000	-49.150000	20.000000	0.0	0.0	0.0051589	0.0	0.0	334.72
				39.812	143.000000	-50.000000	20.000000	0.0	0.0	0.011349	0.0	0.0	334.72
		22	TP No.2_4	0.0	143.000000	-50.000000	20.000000	0.0	0.0	0.0049707	0.0	0.0	60.945
				2.0591	144.000000	-48.200000	20.000000	0.0	0.0	0.0049894	0.0	0.0	60.945
				4.1183	145.000000	-46.400000	20.000000	0.0	0.0	0.0050055	0.0	0.0	60.945
				6.1774	146.000000	-44.600000	20.000000	0.0	0.0	0.0050188	0.0	0.0	60.945
				8.2365	147.000000	-42.800000	20.000000	0.0	0.0	0.0050294	0.0	0.0	60.945
				10.296	148.000000	-41.000000	20.000000	0.0	0.0	0.0050373	0.0	0.0	60.945
		23	TP No.3_1	0.0	200.000000	-55.000000	20.000000	0.0	0.0	0.0021196	0.0	0.0	154.44
				2.0396	198.160000	-54.120000	20.000000	0.0	0.0	0.0021835	0.0	0.0	154.44
				4.0792	196.320000	-53.240000	20.000000	0.0	0.0	0.0022500	0.0	0.0	154.44
				6.1188	194.480000	-52.360000	20.000000	0.0	0.0	0.0023192	0.0	0.0	154.44
				8.1584	192.640000	-51.480000	20.000000	0.0	0.0	0.0023212	0.0	0.0	154.44
				10.198	190.800000	-50.600000	20.000000	0.0	0.0	0.0024661	0.0	0.0	154.44
				12.238	188.960000	-49.720000	20.000000	0.0	0.0	0.0025442	0.0	0.0	154.44
				14.277	187.120000	-48.840000	20.000000	0.0	0.0	0.0026255	0.0	0.0	154.44
				16.317	185.280000	-47.960000	20.000000	0.0	0.0	0.0027103	0.0	0.0	154.44
				18.356	183.440000	-47.080000	20.000000	0.0	0.0	0.0027987	0.0	0.0	154.44
				20.396	181.600000	-46.200000	20.000000	0.0	0.0	0.0028909	0.0	0.0	154.44
				22.436	179.760000	-45.320000	20.000000	0.0	0.0	0.0029871	0.0	0.0	154.44
				24.475	177.920000	-44.440000	20.000000	0.0	0.0	0.0030876	0.0	0.0	154.44
				26.515	176.080000	-43.560000	20.000000	0.0	0.0	0.0031926	0.0	0.0	154.44
				28.555	174.240000	-42.680000	20.000000	0.0	0.0	0.0033212	0.0	0.0	154.44
				30.594	172.400000	-41.800000	20.000000	0.0	0.0	0.0034168	0.0	0.0	154.44
				32.634	170.560000	-40.920000	20.000000	0.0	0.0	0.0035367	0.0	0.0	154.44
				34.673	168.720000	-40.040000	20.000000	0.0	0.0	0.0036621	0.0	0.0	154.44
				36.713	166.880000	-39.160000	20.000000	0.0	0.0	0.0037934	0.0	0.0	154.44
				38.753	165.040000	-38.280000	20.000000	0.0	0.0	0.0039310	0.0	0.0	154.44
				40.792	163.200000	-37.400000	20.000000	0.0	0.0	0.0040750	0.0	0.0	154.44
				42.832	161.360000	-36.520000	20.000000	0.0	0.0	0.0042260	0.0	0.0	154.44
				44.871	159.520000	-35.640000	20.000000	0.0	0.0	0.0043844	0.0	0.0	154.44
				46.911	157.680000	-34.760000	20.000000	0.0	0.0	0.0045506	0.0	0.0	154.44
				48.951	155.840000	-33.880000	20.000000	0.0	0.0	0.0047251	0.0	0.0	154.44
				50.990	154.000000	-33.000000	20.000000	0.0	0.0	0.0049083	0.0	0.0	154.44
		24	TP No.3_2	0.0	154.000000	-33.000000	20.000000	0.0	0.0	0.0049083	0.0	0.0	243.43
				1.9166	153.14286	-34.71429	20.000000	0.0	0.0	0.0049058	0.0	0.0	243.43
				3.8333	152.28571	-36.42857	20.000000	0.0	0.0	0.0049010	0.0	0.0	243.43
				5.7499	151.42857	-38.14286	20.000000	0.0	0.0	0.0048938	0.0	0.0	243.43
				7.6665	150.57143	-39.85714	20.000000	0.0	0.0	0.0048844	0.0	0.0	243.43
				9.5831	149.71429	-41.57143	20.000000	0.0	0.0	0.0048727	0.0	0.0	243.43
				11.500	148.85714	-43.28571	20.000000	0.0	0.0	0.0048587	0.0	0.0	243.43
				13.416	148.000000	-45.000000	20.000000	0.0	0.0	0.0048425	0.0	0.0	243.43
		25	TP No.3_3	0.0	148.000000	-45.000000	20.000000	0.0	0.0	0.0048425	0.0	0.0	335.46
				2.0227	149.840000	-45.840000	20.000000	0.0	0.0	0.0046654	0.0	0.0	335.46
				4.0453	151.680000	-46.680000	20.000000	0.0	0.0	0.0044965	0.0	0.0	335.46
				6.0680	153.520000	-47.520000	20.000000	0.0	0.0	0.0043354	0.0	0.0	335.46
				8.0907	155.360000	-48.360000	20.000000	0.0	0.0	0.0041818	0.0	0.0	335.46
				10.113	157.200000	-49.200000	20.000000	0.0	0.0	0.0040351	0.0	0.0	335.46
				12.136	159.040000	-50.040000	20.000000	0.0	0.0	0.0038950	0.0	0.0	335.46
				14.159	160.880000	-50.880000	20.000000	0.0	0.0	0.0037612	0.0	0.0	335.46
				16.181	162.720000	-51.720000	20.000000	0.0	0.0	0.0036333	0.0	0.0	335.46
				18.204	164.560000	-52.560000	20.000000	0.0	0.0	0.0035110	0.0	0.0	335.46
				20.227	166.400000	-53.400000	20.000000	0.0	0.0	0.0033940	0.0	0.0	335.46
				22.249	168.240000	-54.240000	20.000000	0.0	0.0	0.0032820	0.0	0.0	335.46
				24.272	170.080000	-55.080000	20.000000	0.0	0.0	0.0031748	0.0	0.0	335.46
				26.295	171.920000	-55.920000	20.000000	0.0	0.0	0.0030721	0.0	0.0	335.46
				28.317	173.760000	-56.760000	20.000000	0.0	0.0	0.0029736	0.0	0.0	335.46
				30.340	175.600000	-57.600000	20.000000	0.0	0.0	0.0028793	0.0	0.0	335.46
				32.363	177.440000	-58.440000	20.000000	0.0	0.0	0.0027888	0.0	0.0	335.46
				34.385	179.280000	-59.280000	20.000000	0.0	0.0	0.0027020	0.0	0.0	335.46
				36.408	181.120000	-60.120000	20.000000	0.0	0.0	0.0026218	0.0	0.0	335.46
				38.431	182.960000	-60.960000	20.000000	0.0	0.0	0.0025388	0.0	0.0	335.46
				40.453	184.800000	-61.800000	20.000000	0.0	0.0	0.0024620	0.0	0.0	335.46
				42.476	186.640000	-62.640000	20.000000	0.0	0.0	0.0023882	0.0	0.0	335.46
				44.499	188.480000	-63.480000	20.000000	0.0	0.0	0.0023173	0.0	0.0	335.46
				46.521	190.320000	-64.320000	20.000000	0.0	0.0	0.0022491	0.		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δy/Δz	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				11.500	200.500000	-19.000000	19.000000	0.0	0.0	0.0025665	0.0	0.0	180.00 *
				13.417	198.583333	-19.000000	19.000000	0.0	0.0	0.0026405	0.0	0.0	180.00 *
				15.333	196.666667	-19.000000	19.000000	0.0	0.0	0.0027172	0.0	0.0	180.00 *
				17.250	194.750000	-19.000000	19.000000	0.0	0.0	0.0027967	0.0	0.0	180.00 *
				19.167	192.833333	-19.000000	19.000000	0.0	0.0	0.0028793	0.0	0.0	180.00 *
				21.083	190.916667	-19.000000	19.000000	0.0	0.0	0.0029649	0.0	0.0	180.00 *
				23.000	189.000000	-19.000000	19.000000	0.0	0.0	0.0030539	0.0	0.0	180.00 *
33	Hospital No.2_1			0.0	189.000000	37.000000	19.000000	0.0	0.0	0.0034889	0.0	0.0	270.00 *
				2.0000	189.000000	35.000000	19.000000	0.0	0.0	0.0034899	0.0	0.0	270.00 *
				4.0000	189.000000	33.000000	19.000000	0.0	0.0	0.0034914	0.0	0.0	270.00 *
				6.0000	189.000000	31.000000	19.000000	0.0	0.0	0.0034905	0.0	0.0	270.00 *
				8.0000	189.000000	29.000000	19.000000	0.0	0.0	0.0034881	0.0	0.0	270.00 *
				10.000	189.000000	27.000000	19.000000	0.0	0.0	0.0034844	0.0	0.0	270.00 *
				12.000	189.000000	25.000000	19.000000	0.0	0.0	0.0034792	0.0	0.0	270.00 *
				14.000	189.000000	23.000000	19.000000	0.0	0.0	0.0034726	0.0	0.0	270.00 *
				16.000	189.000000	21.000000	19.000000	0.0	0.0	0.0034646	0.0	0.0	270.00 *
				18.000	189.000000	19.000000	19.000000	0.0	0.0	0.0034553	0.0	0.0	270.00 *
				20.000	189.000000	17.000000	19.000000	0.0	0.0	0.0034446	0.0	0.0	270.00 *
				22.000	189.000000	15.000000	19.000000	0.0	0.0	0.0034325	0.0	0.0	270.00 *
				24.000	189.000000	13.000000	19.000000	0.0	0.0	0.0034192	0.0	0.0	270.00 *
				26.000	189.000000	11.000000	19.000000	0.0	0.0	0.0034046	0.0	0.0	270.00 *
				28.000	189.000000	9.000000	19.000000	0.0	0.0	0.0033887	0.0	0.0	270.00 *
				30.000	189.000000	7.000000	19.000000	0.0	0.0	0.0033715	0.0	0.0	270.00 *
				32.000	189.000000	5.000000	19.000000	0.0	0.0	0.0033532	0.0	0.0	270.00 *
34	Hospital No.2_2			0.0	189.000000	5.000000	19.000000	0.0	0.0	0.0033532	0.0	0.0	0.0 *
				2.0000	191.000000	5.000000	19.000000	0.0	0.0	0.0032450	0.0	0.0	0.0 *
				4.0000	193.000000	5.000000	19.000000	0.0	0.0	0.0031414	0.0	0.0	0.0 *
				6.0000	195.000000	5.000000	19.000000	0.0	0.0	0.0030419	0.0	0.0	0.0 *
				8.0000	197.000000	5.000000	19.000000	0.0	0.0	0.0029466	0.0	0.0	0.0 *
				10.000	199.000000	5.000000	19.000000	0.0	0.0	0.0028551	0.0	0.0	0.0 *
				12.000	201.000000	5.000000	19.000000	0.0	0.0	0.0027672	0.0	0.0	0.0 *
				14.000	203.000000	5.000000	19.000000	0.0	0.0	0.0026828	0.0	0.0	0.0 *
				16.000	205.000000	5.000000	19.000000	0.0	0.0	0.0026018	0.0	0.0	0.0 *
				18.000	207.000000	5.000000	19.000000	0.0	0.0	0.0025239	0.0	0.0	0.0 *
				20.000	209.000000	5.000000	19.000000	0.0	0.0	0.0024490	0.0	0.0	0.0 *
				22.000	211.000000	5.000000	19.000000	0.0	0.0	0.0023770	0.0	0.0	0.0 *
				24.000	213.000000	5.000000	19.000000	0.0	0.0	0.0023077	0.0	0.0	0.0 *
				26.000	215.000000	5.000000	19.000000	0.0	0.0	0.0022410	0.0	0.0	0.0 *
				28.000	217.000000	5.000000	19.000000	0.0	0.0	0.0021769	0.0	0.0	0.0 *
				30.000	219.000000	5.000000	19.000000	0.0	0.0	0.0021151	0.0	0.0	0.0 *
				32.000	221.000000	5.000000	19.000000	0.0	0.0	0.0020555	0.0	0.0	0.0 *
				34.000	223.000000	5.000000	19.000000	0.0	0.0	0.0019982	0.0	0.0	0.0 *
				36.000	225.000000	5.000000	19.000000	0.0	0.0	0.0019429	0.0	0.0	0.0 *
35	Hospital No.2_3			0.0	225.000000	5.000000	19.000000	0.0	0.0	0.0019429	0.0	0.0	90.000 *
				2.0000	225.000000	7.000000	19.000000	0.0	0.0	0.0019503	0.0	0.0	90.000 *
				4.0000	225.000000	9.000000	19.000000	0.0	0.0	0.0019572	0.0	0.0	90.000 *
				6.0000	225.000000	11.000000	19.000000	0.0	0.0	0.0019636	0.0	0.0	90.000 *
				8.0000	225.000000	13.000000	19.000000	0.0	0.0	0.0019695	0.0	0.0	90.000 *
				10.000	225.000000	15.000000	19.000000	0.0	0.0	0.0019748	0.0	0.0	90.000 *
				12.000	225.000000	17.000000	19.000000	0.0	0.0	0.0019796	0.0	0.0	90.000 *
				14.000	225.000000	19.000000	19.000000	0.0	0.0	0.0019839	0.0	0.0	90.000 *
				16.000	225.000000	21.000000	19.000000	0.0	0.0	0.0019876	0.0	0.0	90.000 *
				18.000	225.000000	23.000000	19.000000	0.0	0.0	0.0019908	0.0	0.0	90.000 *
				20.000	225.000000	25.000000	19.000000	0.0	0.0	0.0019934	0.0	0.0	90.000 *
				22.000	225.000000	27.000000	19.000000	0.0	0.0	0.0019955	0.0	0.0	90.000 *
				24.000	225.000000	29.000000	19.000000	0.0	0.0	0.0019970	0.0	0.0	90.000 *
				26.000	225.000000	31.000000	19.000000	0.0	0.0	0.0019979	0.0	0.0	90.000 *
				28.000	225.000000	33.000000	19.000000	0.0	0.0	0.0019983	0.0	0.0	90.000 *
				30.000	225.000000	35.000000	19.000000	0.0	0.0	0.0019981	0.0	0.0	90.000 *
36	Hospital No.2_4			32.000	225.000000	37.000000	19.000000	0.0	0.0	0.0019973	0.0	0.0	90.000 *
				0.0	225.000000	37.000000	19.000000	0.0	0.0	0.0019973	0.0	0.0	180.00 *
				2.0000	223.000000	37.000000	19.000000	0.0	0.0	0.0020552	0.0	0.0	180.00 *
				4.0000	221.000000	37.000000	19.000000	0.0	0.0	0.0021153	0.0	0.0	180.00 *
				6.0000	219.000000	37.000000	19.000000	0.0	0.0	0.0021778	0.0	0.0	180.00 *
				8.0000	217.000000	37.000000	19.000000	0.0	0.0	0.0022427	0.0	0.0	180.00 *
				10.000	215.000000	37.000000	19.000000	0.0	0.0	0.0023101	0.0	0.0	180.00 *
				12.000	213.000000	37.000000	19.000000	0.0	0.0	0.0023803	0.0	0.0	180.00 *
				14.000	211.000000	37.000000	19.000000	0.0	0.0	0.0024532	0.0	0.0	180.00 *
				16.000	209.000000	37.000000	19.000000	0.0	0.0	0.0025291	0.0	0.0	180.00 *
				18.000	207.000000	37.000000	19.000000	0.0	0.0	0.0026082	0.0	0.0	180.00 *
				20.000	205.000000	37.000000	19.000000	0.0	0.0	0.0026905	0.0	0.0	180.00 *
				22.000	203.000000	37.000000	19.000000	0.0	0.0	0.0027762	0.0	0.0	180.00 *
				24.000	201.000000	37.000000	19.000000	0.0	0.0	0.0028656	0.0	0.0	180.00 *
				26.000	199.000000</								



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	ΔyPerp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.0018069	0.0	90.000 *	
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.0017997	0.0	90.000 *	
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.0017921	0.0	90.000 *	
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.0017842	0.0	90.000 *	
					25.188	230.00000	71.18750	19.00000	0.0	0.0	0.0017758	0.0	90.000 *	
					27.125	230.00000	73.12500	19.00000	0.0	0.0	0.0017671	0.0	90.000 *	
					29.063	230.00000	75.06250	19.00000	0.0	0.0	0.0017581	0.0	90.000 *	
					31.000	230.00000	77.00000	19.00000	0.0	0.0	0.0017486	0.0	90.000 *	
	44		Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	0.0017486	0.0	180.00 *	
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	0.0017950	0.0	180.00 *	
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	0.0018429	0.0	180.00 *	
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	0.0018925	0.0	180.00 *	
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	0.0019439	0.0	180.00 *	
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	0.0019971	0.0	180.00 *	
					11.714	218.28571	77.00000	19.00000	0.0	0.0	0.0020522	0.0	180.00 *	
					13.667	216.33333	77.00000	19.00000	0.0	0.0	0.0021093	0.0	180.00 *	
					15.619	214.38095	77.00000	19.00000	0.0	0.0	0.0021685	0.0	180.00 *	
					17.571	212.42857	77.00000	19.00000	0.0	0.0	0.0022298	0.0	180.00 *	
					19.524	210.47619	77.00000	19.00000	0.0	0.0	0.0022934	0.0	180.00 *	
					21.476	208.52381	77.00000	19.00000	0.0	0.0	0.0023593	0.0	180.00 *	
					23.429	206.57143	77.00000	19.00000	0.0	0.0	0.0024278	0.0	180.00 *	
					25.381	204.61905	77.00000	19.00000	0.0	0.0	0.0024988	0.0	180.00 *	
					27.333	202.66667	77.00000	19.00000	0.0	0.0	0.0025725	0.0	180.00 *	
					29.286	200.71429	77.00000	19.00000	0.0	0.0	0.0026491	0.0	180.00 *	
					31.238	198.76190	77.00000	19.00000	0.0	0.0	0.0027286	0.0	180.00 *	
					33.190	196.80952	77.00000	19.00000	0.0	0.0	0.0028112	0.0	180.00 *	
					35.143	194.85714	77.00000	19.00000	0.0	0.0	0.0028971	0.0	180.00 *	
					37.095	192.90476	77.00000	19.00000	0.0	0.0	0.0029863	0.0	180.00 *	
					39.048	190.95238	77.00000	19.00000	0.0	0.0	0.0030792	0.0	180.00 *	
					41.000	189.00000	77.00000	19.00000	0.0	0.0	0.0031757	0.0	180.00 *	
	45		Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	0.036301	0.0	358.75 *	
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	0.037631	0.0	358.75 *	
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	0.038862	0.0	358.75 *	
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	0.039939	0.0	358.75 *	
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	0.040800	0.0	358.75 *	
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	0.041569	0.0	358.75 *	
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	0.041548	0.0	358.75 *	
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	0.041221	0.0	358.75 *	
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	0.040250	0.0	358.75 *	
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	0.039467	0.0	358.75 *	
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	0.038682	0.0	358.75 *	
					22.005	-8.00000	11.52174	21.00000	0.0	0.0	0.037675	0.0	358.75 *	
					24.006	-6.00000	11.47826	21.00000	0.0	0.0	0.035511	0.0	358.75 *	
					26.006	-4.00000	11.43478	21.00000	0.0	0.0	0.033511	0.0	358.75 *	
					28.007	-2.00000	11.39130	21.00000	0.21194	0.055924	1.1045	0.21068	0.060517	358.75 *
					30.007	0.00000	11.34783	21.00000	0.46181	0.16026	1.4644	0.45822	0.17026	358.75 *
					32.008	2.00000	11.30435	21.00000	0.66901	0.33322	1.8057	0.66161	0.34768	358.75 *
					34.008	4.00000	11.26087	21.00000	0.76114	0.63875	2.1120	0.74708	0.65515	358.75 *
					36.009	6.00000	11.21739	21.00000	0.57372	1.1748	2.3433	0.54805	1.1870	358.75 *
					38.009	8.00000	11.17391	21.00000	0.0	1.8835	2.4188	-0.040935	-1.8830	358.75 *
					40.009	10.00000	11.13043	21.00000	0.0	1.8697	2.3899	-0.040636	-1.8693	358.75 *
					42.010	12.00000	11.08696	21.00000	0.0	1.8560	2.3609	-0.040338	-1.8556	358.75 *
					44.010	14.00000	11.04348	21.00000	0.0	1.8424	2.3326	-0.040042	-1.8419	358.75 *
					46.011	16.00000	11.00000	21.00000	0.0	1.8288	2.3061	-0.039747	-1.8284	358.75 *
					48.011	18.00000	10.95652	21.00000	0.0	1.8153	2.2818	-0.039453	-1.8149	358.75 *
					50.012	20.00000	10.91304	21.00000	0.0	1.8018	2.2606	-0.039161	-1.8014	358.75 *
					52.012	22.00000	10.86957	21.00000	0.0	1.7884	2.2429	-0.038870	-1.7880	358.75 *
					54.013	24.00000	10.82609	21.00000	0.0	1.7751	2.2288	-0.038580	-1.7747	358.75 *
					56.013	26.00000	10.78261	21.00000	0.0	1.7618	2.2185	-0.038292	-1.7614	358.75 *
					58.014	28.00000	10.73913	21.00000	0.0	1.7486	2.2120	-0.038005	-1.7482	358.75 *
					60.014	30.00000	10.69565	21.00000	0.0	1.7355	2.2094	-0.037719	-1.7351	358.75 *
					62.015	32.00000	10.65217	21.00000	0.0	1.7224	2.2106	-0.037435	-1.7220	358.75 *
					64.015	34.00000	10.60870	21.00000	0.0	1.7094	2.2155	-0.037151	-1.7090	358.75 *
					66.016	36.00000	10.56522	21.00000	0.0	1.6964	2.2238	-0.036870	-1.6960	358.75 *
					68.016	38.00000	10.52174	21.00000	0.0	1.6835	2.2351	-0.036589	-1.6831	358.75 *
					70.017	40.00000	10.47826	21.00000	0.0	1.6706	2.2486	-0.036310	-1.6702	358.75 *
					72.017	42.00000	10.43478	21.00000	0.0	1.6578	2.2634	-0.036032	-1.6575	358.75 *
					74.017	44.00000	10.39130	21.00000	0.0	1.2206	1.7216	-0.026527	-1.2203	358.75 *
					76.018	46.00000	10.34783	21.00000	0.0	0.72752	1.1403	-0.015812	-0.72735	358.75 *
					78.018	48.00000	10.30435	21.00000	0.0	0.40148	0.75186	-0.0087257	-0.40138	358.75 *
					80.019	50.00000	10.26087	21.00000	0.0	0.19992	0.49958	-0.0043450	-0.19987	358.75 *
					82.019	52.00000	10.21739	21.00000	0.0	0.071095	0.32864	-0.0015452	-0.071078	358.75 *
					84.020	54.00000	10.17391	21.00000	-0.38987	0.0	0.75970	-0.38978	-0.0084734	358.75 *



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UBB, London

Building Damage Assessment

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Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	dx	dy	dz	dx//	dyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					6.0052	179.75000	84.00000	21.50000	0.0	0.0	0.00335653	0.0	0.0 267.61 *
					8.0069	179.66667	82.00000	21.50000	0.0	0.0	0.0036073	0.0	0.0 267.61 *
					10.009	179.58333	80.00000	21.50000	0.0	0.0	0.0036486	0.0	0.0 267.61 *
					12.010	179.50000	78.00000	21.50000	0.0	0.0	0.0036891	0.0	0.0 267.61 *
					14.012	179.41667	76.00000	21.50000	0.0	0.0	0.0037288	0.0	0.0 267.61 *
					16.014	179.33333	74.00000	21.50000	0.0	0.0	0.0037675	0.0	0.0 267.61 *
					18.016	179.25000	72.00000	21.50000	0.0	0.0	0.0038053	0.0	0.0 267.61 *
					20.017	179.16667	70.00000	21.50000	0.0	0.0	0.0038420	0.0	0.0 267.61 *
					22.019	179.08333	68.00000	21.50000	0.0	0.0	0.0038776	0.0	0.0 267.61 *
					24.021	179.00000	66.00000	21.50000	0.0	0.0	0.0039121	0.0	0.0 267.61 *
					26.023	178.91667	64.00000	21.50000	0.0	0.0	0.0039453	0.0	0.0 267.61 *
					28.024	178.83333	62.00000	21.50000	0.0	0.0	0.0039771	0.0	0.0 267.61 *
					30.026	178.75000	60.00000	21.50000	0.0	0.0	0.0040076	0.0	0.0 267.61 *
					32.028	178.66667	58.00000	21.50000	0.0	0.0	0.0040367	0.0	0.0 267.61 *
					34.030	178.58333	56.00000	21.50000	0.0	0.0	0.0040643	0.0	0.0 267.61 *
					36.031	178.50000	54.00000	21.50000	0.0	0.0	0.0040904	0.0	0.0 267.61 *
					38.033	178.41667	52.00000	21.50000	0.0	0.0	0.0041148	0.0	0.0 267.61 *
					40.035	178.33333	50.00000	21.50000	0.0	0.0	0.0041376	0.0	0.0 267.61 *
					42.036	178.25000	48.00000	21.50000	0.0	0.0	0.0041587	0.0	0.0 267.61 *
					44.038	178.16667	46.00000	21.50000	0.0	0.0	0.0041780	0.0	0.0 267.61 *
					46.040	178.08333	44.00000	21.50000	0.0	0.0	0.0041956	0.0	0.0 267.61 *
					48.042	178.00000	42.00000	21.50000	0.0	0.0	0.0042113	0.0	0.0 267.61 *
					50.043	177.91667	40.00000	21.50000	0.0	0.0	0.0042251	0.0	0.0 267.61 *
					52.045	177.83333	38.00000	21.50000	0.0	0.0	0.0042371	0.0	0.0 267.61 *
					54.047	177.75000	36.00000	21.50000	0.0	0.0	0.0042471	0.0	0.0 267.61 *
					56.049	177.66667	34.00000	21.50000	0.0	0.0	0.0042552	0.0	0.0 267.61 *
					58.050	177.58333	32.00000	21.50000	0.0	0.0	0.0042613	0.0	0.0 267.61 *
					60.052	177.50000	30.00000	21.50000	0.0	0.0	0.0042654	0.0	0.0 267.61 *
					62.054	177.41667	28.00000	21.50000	0.0	0.0	0.0042676	0.0	0.0 267.61 *
					64.056	177.33333	26.00000	21.50000	0.0	0.0	0.0042677	0.0	0.0 267.61 *
					66.057	177.25000	24.00000	21.50000	0.0	0.0	0.0042658	0.0	0.0 267.61 *
					68.059	177.16667	22.00000	21.50000	0.0	0.0	0.0042620	0.0	0.0 267.61 *
					70.061	177.08333	20.00000	21.50000	0.0	0.0	0.0042562	0.0	0.0 267.61 *
					72.062	177.00000	18.00000	21.50000	0.0	0.0	0.0042484	0.0	0.0 267.61 *
					74.064	176.91667	16.00000	21.50000	0.0	0.0	0.0042386	0.0	0.0 267.61 *
					76.066	176.83333	14.00000	21.50000	0.0	0.0	0.0042269	0.0	0.0 267.61 *
					78.068	176.75000	12.00000	21.50000	0.0	0.0	0.0042133	0.0	0.0 267.61 *
					80.069	176.66667	10.00000	21.50000	0.0	0.0	0.0041979	0.0	0.0 267.61 *
					82.071	176.58333	8.00000	21.50000	0.0	0.0	0.0041806	0.0	0.0 267.61 *
					84.073	176.50000	6.00000	21.50000	0.0	0.0	0.0041615	0.0	0.0 267.61 *
					86.075	176.41667	4.00000	21.50000	0.0	0.0	0.0041406	0.0	0.0 267.61 *
					88.076	176.33333	2.00000	21.50000	0.0	0.0	0.0041180	0.0	0.0 267.61 *
					90.078	176.25000	0.00000	21.50000	0.0	0.0	0.0040938	0.0	0.0 267.61 *
					92.080	176.16667	-2.00000	21.50000	0.0	0.0	0.0040678	0.0	0.0 267.61 *
					94.082	176.08333	-4.00000	21.50000	0.0	0.0	0.0040405	0.0	0.0 267.61 *
					96.083	176.00000	-6.00000	21.50000	0.0	0.0	0.0040115	0.0	0.0 267.61 *
					98.085	175.91667	-8.00000	21.50000	0.0	0.0	0.0039812	0.0	0.0 267.61 *
					100.09	175.83333	-10.00000	21.50000	0.0	0.0	0.0039494	0.0	0.0 267.61 *
					102.09	175.75000	-12.00000	21.50000	0.0	0.0	0.0039163	0.0	0.0 267.61 *
					104.09	175.66667	-14.00000	21.50000	0.0	0.0	0.0038820	0.0	0.0 267.61 *
					106.09	175.58333	-16.00000	21.50000	0.0	0.0	0.0038465	0.0	0.0 267.61 *
					108.09	175.50000	-18.00000	21.50000	0.0	0.0	0.0038098	0.0	0.0 267.61 *
					110.10	175.41667	-20.00000	21.50000	0.0	0.0	0.0037721	0.0	0.0 267.61 *
					112.10	175.33333	-22.00000	21.50000	0.0	0.0	0.0037334	0.0	0.0 267.61 *
					114.10	175.25000	-24.00000	21.50000	0.0	0.0	0.0036937	0.0	0.0 267.61 *
					116.10	175.16667	-26.00000	21.50000	0.0	0.0	0.0036532	0.0	0.0 267.61 *
					118.10	175.08333	-28.00000	21.50000	0.0	0.0	0.0036120	0.0	0.0 267.61 *
					120.10	175.00000	-30.00000	21.50000	0.0	0.0	0.0035699	0.0	0.0 267.61 *
					0.0	0.00000	63.00000	22.00000	0.0	0.0	0.032055	0.0	0.0 7.8831 *
					1.9885	1.969970	63.27273	22.00000	0.0	0.0	0.029328	0.0	0.0 7.8831 *
					3.9770	3.93939	63.54545	22.00000	0.0	0.0	0.026431	0.0	0.0 7.8831 *
					5.9655	5.90909	63.81818	22.00000	0.0	0.0	0.023479	0.0	0.0 7.8831 *
					7.9540	7.87879	64.09091	22.00000	0.0	0.0	0.020599	0.0	0.0 7.8831 *
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	0.017922	0.0	0.0 7.8831 *
					11.931	11.81818	64.63636	22.00000	0.0	0.0	0.015571	0.0	0.0 7.8831 *
					13.919	13.78788	64.90909	22.00000	0.0	0.0	0.013657	0.0	0.0 7.8831 *
					15.908	15.75758	65.18182	22.00000	0.0	0.0	0.012266	0.0	0.0 7.8831 *
					17.896	17.72727	65.45455	22.00000	0.0	0.0	0.011456	0.0	0.0 7.8831 *
					19.885	19.69697	65.72727	22.00000	0.0	0.0	0.011261	0.0	0.0 7.8831 *
					21.873	21.66667	66.00000	22.00000	0.0	0.0	0.011684	0.0	0.0 7.8831 *
					23.862	23.63636	66.27273	22.00000	0.0	0.0	0.012704	0.0	0.0 7.8831 *
					25.850	25.60606	66.54545	22.00000	0.0	0.0	0.014279	0.0	0.0 7.8831 *
					27.839	27.57576	66.81818	22.00000	0.0	0.0	0.016347	0.0	0.0 7.8831 *
					29.827	29.54545	67.09091	22.00000	0.0	0.0	0.018831	0.0	0.0 7.8831 *
					31.816	31.51515	67.36364	22.00000	0.0	0.0	0.021639	0.0	0.0 7.8831 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					98.039	156.52830	107.13208	22.00000	0.0	0.0	0.0044105	0.0	0.0 20.999 *
					100.04	158.39623	107.84906	22.00000	0.0	0.0	0.0042554	0.0	0.0 20.999 *
					102.04	160.26415	108.56604	22.00000	0.0	0.0	0.0041074	0.0	0.0 20.999 *
					104.04	162.13208	109.28302	22.00000	0.0	0.0	0.0039659	0.0	0.0 20.999 *
					106.04	164.00000	110.00000	22.00000	0.0	0.0	0.0038307	0.0	0.0 20.999 *
50			canal wall L1		0.0	5.99000	50.78000	21.50000	0.29447	-1.3392	2.2132	0.30634	-1.3365 359.49 *
					2.0944	8.08429	50.76143	21.50000	0.0	-1.7004	2.2048	0.015078	-1.7003 359.49 *
					4.1887	10.17857	50.74286	21.50000	0.0	-1.7058	2.1540	0.015126	-1.7057 359.49 *
					6.2831	12.27286	50.72429	21.50000	0.0	-1.7113	2.1016	0.015174	-1.7112 359.49 *
					8.3775	14.36714	50.70571	21.50000	0.0	-1.7167	2.0506	0.015223	-1.7166 359.49 *
					10.472	16.46143	50.68714	21.50000	0.0	-1.7222	2.0034	0.015271	-1.7221 359.49 *
					12.566	18.55571	50.66857	21.50000	-0.065255	-1.7242	1.9622	-0.049964	-1.7247 359.49 *
					14.661	20.65000	50.65000	21.50000	-0.13004	-1.6808	1.8986	-0.11513	-1.6819 359.49 *
51			canal wall L2		0.0	20.65000	50.65000	21.50000	-0.13004	-1.6808	1.8986	0.10405	-1.6826 352.04 *
					2.0453	22.67556	50.36667	21.50000	-0.13290	-1.7177	1.8717	0.10633	-1.7195 352.04 *
					4.0906	24.70111	50.08333	21.50000	-0.13579	-1.7550	1.8511	0.10864	-1.7569 352.04 *
					6.1358	26.72667	49.80000	21.50000	-0.13871	-1.7927	1.8377	0.11099	-1.7948 352.04 *
					8.1811	28.75222	49.51667	21.50000	-0.14168	-1.8312	1.8324	0.11336	-1.8331 352.04 *
					10.226	30.77778	49.23333	21.50000	-0.14468	-1.8700	1.8367	0.11576	-1.8720 352.04 *
					12.272	32.80333	48.95000	21.50000	-0.14773	-1.9093	1.8534	0.11820	-1.9114 352.04 *
					14.317	34.82889	48.66667	21.50000	-0.15081	-1.9492	1.8858	0.12066	-1.9513 352.04 *
					16.362	36.85444	48.38333	21.50000	-0.15393	-1.9895	1.9391	0.12316	-1.9917 352.04 *
					18.407	38.88000	48.10000	21.50000	-0.15710	-2.0304	2.0206	0.12569	-2.0326 352.04 *
52			canal wall L3		0.0	38.88000	48.10000	21.50000	-0.15710	-2.0304	2.0206	-0.28413	-2.0166 3.5959 *
					2.0528	40.92875	48.22875	21.50000	-0.14998	-1.9388	2.0925	-0.27126	-1.9252 3.5959 *
					4.1056	42.97750	48.35750	21.50000	-0.13702	-1.7710	2.0626	-0.24783	-1.7589 3.5959 *
					6.1584	45.02625	48.48625	21.50000	-0.082821	-1.0704	1.3477	-0.14980	-1.0631 3.5959 *
					8.2112	47.07500	48.61500	21.50000	-0.046305	-0.59848	0.89302	-0.083750	-0.59439 3.5959 *
					10.264	49.12375	48.74375	21.50000	-0.024599	-0.31794	0.62883	-0.044491	-0.31577 3.5959 *
					12.317	51.17250	48.87250	21.50000	-0.011284	-0.14585	0.46298	-0.020410	-0.14485 3.5959 *
					14.370	53.22125	49.00125	21.50000	-0.37968	-0.031446	0.89982	-0.38091	-0.0075703 3.5959 *
					16.422	55.27000	49.13000	21.50000	-0.53704	0.0	1.1278	-0.53598	0.033683 3.5959 *
53			canal wall L4		0.0	55.27000	49.13000	21.50000	-0.53704	0.0	1.1278	-0.50261	0.18919 20.627 *
					1.9865	57.12918	49.82984	21.50000	-0.41985	0.0	0.99978	-0.39293	0.14791 20.627 *
					3.9731	58.98936	50.52967	21.50000	-0.24845	0.0	0.82140	-0.23252	0.087527 20.627 *
					5.9596	60.84754	51.22951	21.50000	-0.055066	0.0	0.62147	-0.051245	0.019290 20.627 *
					7.9461	62.70672	51.92934	21.50000	0.0	0.0	0.40123	0.0	0.0 20.627 *
					9.9327	64.56590	52.62918	21.50000	0.0	0.0	0.15456	0.0	0.0 20.627 *
					11.919	66.42508	53.32902	21.50000	0.0	0.0	0.060653	0.0	0.0 20.627 *
					13.906	68.28426	54.02885	21.50000	0.0	0.0	0.056787	0.0	0.0 20.627 *
					15.892	70.14344	54.72869	21.50000	0.0	0.0	0.053248	0.0	0.0 20.627 *
					17.879	72.00262	55.42852	21.50000	0.0	0.0	0.049980	0.0	0.0 20.627 *
					19.865	73.86180	56.12836	21.50000	0.0	0.0	0.046947	0.0	0.0 20.627 *
					21.852	75.72098	56.82820	21.50000	0.0	0.0	0.044123	0.0	0.0 20.627 *
					23.838	77.58016	57.52803	21.50000	0.0	0.0	0.041419	0.0	0.0 20.627 *
					25.825	79.43934	58.22787	21.50000	0.0	0.0	0.039035	0.0	0.0 20.627 *
					27.811	81.29852	58.92770	21.50000	0.0	0.0	0.036743	0.0	0.0 20.627 *
					29.798	83.15770	59.62754	21.50000	0.0	0.0	0.034603	0.0	0.0 20.627 *
					31.785	85.01689	60.32738	21.50000	0.0	0.0	0.032606	0.0	0.0 20.627 *
					33.771	86.87607	61.02721	21.50000	0.0	0.0	0.030740	0.0	0.0 20.627 *
					35.758	88.73525	61.72705	21.50000	0.0	0.0	0.028999	0.0	0.0 20.627 *
					37.744	90.59443	62.42689	21.50000	0.0	0.0	0.027372	0.0	0.0 20.627 *
					39.731	92.45361	63.12672	21.50000	0.0	0.0	0.025851	0.0	0.0 20.627 *
					41.717	94.31279	63.82656	21.50000	0.0	0.0	0.024431	0.0	0.0 20.627 *
					43.704	96.17197	64.52639	21.50000	0.0	0.0	0.023102	0.0	0.0 20.627 *
					45.690	98.03115	65.22623	21.50000	0.0	0.0	0.021860	0.0	0.0 20.627 *
					47.677	99.89033	65.92607	21.50000	0.0	0.0	0.020697	0.0	0.0 20.627 *
					49.663	101.74951	66.62590	21.50000	0.0	0.0	0.019609	0.0	0.0 20.627 *
					51.650	103.60869	67.32574	21.50000	0.0	0.0	0.018589	0.0	0.0 20.627 *
					53.636	105.46787	68.02557	21.50000	0.0	0.0	0.017634	0.0	0.0 20.627 *
					55.623	107.32705	68.72541	21.50000	0.0	0.0	0.016738	0.0	0.0 20.627 *
					57.610	109.18623	69.42525	21.50000	0.0	0.0	0.015897	0.0	0.0 20.627 *
					59.596	111.04541	70.12508	21.50000	0.0	0.0	0.015109	0.0	0.0 20.627 *
					61.583	112.90459	70.82492	21.50000	0.0	0.0	0.014368	0.0	0.0 20.627 *
					63.569	114.76377	71.52475	21.50000	0.0	0.0	0.013672	0.0	0.0 20.627 *
					65.556	116.62295	72.22459	21.50000	0.0	0.0	0.013017	0.0	0.0 20.627 *
					67.542	118.48213	72.92443	21.50000	0.0	0.0	0.012401	0.0	0.0 20.627 *
					69.529	120.34131	73.62426	21.50000	0.0	0.0	0.011822	0.0	0.0 20.627 *
					71.515	122.20049	74.32410	21.50000	0.0	0.0	0.011276	0.0	0.0 20.627 *
					73.502	124.05967	75.02393	21.50000	0.0	0.0	0.010761	0.0	0.0 20.627 *
					75.488	125.91885	75.72377	21.50000	0.0	0.0	0.010276	0.0	0.0 20.627 *
					77.475	127.77803	76.42361	21.50000	0.0	0.0	0.0098178	0.0	0.0 20.627 *
					79.461	129.63721	77.12344	21.50000	0.0	0.0	0.0093854	0.0	0.0 20.627 *
					81.448	131.49639	77.82328	21.50000	0.0	0.0	0.0089770	0.0	0.0 20.627 *
					83.434	133.35557	78.52311	21.50000	0.0	0.0	0.0085909	0.0	0.0 20.627 *
					85.421	135.21475	79.22295	21.50000	0.0	0.0	0.0082257	0.0	0.0 20.627 *
					87.408	137.07393	79.92279	21.50000	0.0	0.0	0.0078801	0.0	0.0 20.627 *
					89.394	138.93311	80.62262	21.50000	0.0	0.0	0.0075529	0.0	0.0 20.627 *
					91.381	140.79230	81.32246	21.50000	0.0	0.0	0.0072429	0.0	0.0 20.627 *
					93.367	142.65148	82.02230	21.50000	0				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz//	Δsperp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
						18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0
						20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0
3		Canal Side Studios_3	Canal Side Studios_3			0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0
						1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0
						3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0
						5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0
						7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0
						9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0
						11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0
						13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0
						15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0
						17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0
						19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0
						21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0
						23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0
						25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0
						27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0
						29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0
						31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0
						33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0
						35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0
4		Canal Side Studios_4	Canal Side Studios_4			0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0
						2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0
						4.0000	-10.00000	14.00000	22.00000	0.0	0.0	0.0
						6.0000	-8.00000	14.00000	22.00000	0.0	0.0	0.0
						8.0000	-6.00000	14.00000	22.00000	0.0	0.0	0.0
						10.000	-4.00000	14.00000	22.00000	0.0	0.0	0.0
						12.000	-2.00000	14.00000	22.00000	0.34570	0.019534	0.34570
						14.000	0.00000	14.00000	22.00000	0.71102	0.049368	0.71102
						16.000	2.00000	14.00000	22.00000	1.1158	0.10225	1.1158
						18.000	4.00000	14.00000	22.00000	1.5520	0.21494	1.5520
						20.000	6.00000	14.00000	22.00000	1.8642	0.55668	1.8642
5		Beaumont Court_1	Beaumont Court_1			0.0	45.00000	0.00000	20.00000	0.0	0.0	0.0
						2.0031	43.00000	0.11111	20.00000	0.0	0.0	0.0
						4.0062	41.00000	0.22222	20.00000	0.0	0.0	0.0
						6.0093	39.00000	0.33333	20.00000	0.0	0.0	0.0
						8.0123	37.00000	0.44444	20.00000	0.0	0.0	0.0
						10.015	35.00000	0.55556	20.00000	0.0	0.0	0.0
						12.019	33.00000	0.66667	20.00000	0.0	0.0	0.0
						14.022	31.00000	0.77778	20.00000	0.0	0.0	0.0
						16.025	29.00000	0.88889	20.00000	0.0	0.0	0.0
						18.028	27.00000	1.00000	20.00000	0.0	0.0	0.0
6		Beaumont Court_2	Beaumont Court_2			0.0	27.00000	1.00000	20.00000	0.0	0.0	0.0
						1.8409	26.83333	-0.83333	20.00000	0.0	0.0	0.0
						3.6818	26.66667	-2.66667	20.00000	0.0	0.0	0.0
						5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.0
						7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0
						9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0
						11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0
7		Beaumont Court_3	Beaumont Court_3			0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0
						1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0
						3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0
						5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0
8		Beaumont Court_4	Beaumont Court_4			7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0
						0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0
						1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0
						3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0
						5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0
						7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0
						9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0
						11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0
						13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0
						15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0
						17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0
						19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0
						21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0
						23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0
						25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0
						27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0
						29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0
						31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0
						33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0
						35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0
						37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0
						39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0
						41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0
						43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0
						45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0
						47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0
						49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0
						51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0
						53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0
						55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0
						57.273	28.46875	-67.09375	20.00000	0.0	0.0	0.0
						59.248	28.31250	-69.06250	20.00000	0.0	0.0	0.0
						61.223	28.15625	-71.03125	20.00000	0.0	0.0	0.0
9		Beaumont Court_5	Beaumont Court_5			63.198	28.00000	-73.00000	20.00000	0.0	0.0	0.0
						0.0	28.00000	-73.00000	20.00000	0.0	0.0	0.0
						2.0069	30.00000	-73.16667	20.00000	0.0	0.0	0.0
						4.0139	32.00000	-73.33333	20.00000	0.0	0.0	0.0
						6.0208	34.00000	-73.50000	20.00000	0.0	0.0	0.0
						8.0277	36.00000	-73.66667	20.00000	0.0	0.0	0.0
						10.035	38.00000	-73.83333	20.00000	0.0	0.0	0.0
						12.042	40.00000	-74.00000	20.00000	0.0	0.0	0.0
10		Beaumont Court_6	Beaumont Court_6			14.050	40.00000	-74.00000	20.00000	0.0	0.0	0.0
						2.0046	40.13514	-72.00000	20.00000	0.0	0.0	0.0
						4.0091	40.27027	-70.00000	20.00000	0.0	0.0	0.0
						6.0137	40.40541	-68.00000	20.00000	0.0	0.0	0.0
						8.0182	40.54054	-66.00000	20.00000	0.0	0.0	0.0
					</							



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No. Sheet No. Rev.

371654

Drg. Ref.

Made by
MK

Date
11-Aug-2020

Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δsperp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.0	0.0
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0
	13	TP No.1_3		TP No.1_3		11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0
	14	TP No.1_4		TP No.1_4		14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0
	15	TP No.1_5		TP No.1_5		12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0
						0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0
	16	TP No.1_6		TP No.1_6		41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	0.0
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	0.0
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	0.0
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	0.0
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	0.0
	17	TP No.1_7		TP No.1_7		12.530	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0
						2.0691	104.12500	-33.12500	20.00000	0.0	0.0	0.0	0.0
						4.1382	102.25000	-32.25000	20.00000	0.0	0.0	0.0	0.0
						6.2074	100.37500	-31.37500	20.00000	0.0	0.0	0.0	0.0
						8.2765	98.50000	-30.50000	20.00000	0.0	0.0	0.0	0.0
						10.346	96.62500	-29.62500	20.00000	0.0	0.0	0.0	0.0
						12.415	94.75000	-28.75000	20.00000	0.0	0.0	0.0	0.0
						14.484	92.87500	-27.87500	20.00000	0.0	0.0	0.0	0.0
						16.553	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0
	18	TP No.1_8		TP No.1_8		0.0	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0
						2.0138	91.83333	-25.16667	20.00000	0.0	0.0	0.0	0.0
						4.0277	92.66667	-23.33333	20.00000	0.0	0.0	0.0	0.0
						6.0415	93.50000	-21.50000	20.00000	0.0	0.0	0.0	0.0
						8.0554	94.33333	-19.66667	20.00000	0.0	0.0	0.0	0.0
						10.069	95.16667	-17.83333	20.00000	0.0	0.0	0.0	0.0
	19	TP No.2_1		TP No.2_1		12.083	96.00000	-16.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	148.00000	-41.00000	20.00000	0.0	0.0	0.0	0.0
						1.9906	146.20000	-40.15000	20.00000	0.0	0.0	0.0	0.0
						3.9812	144.40000	-39.30000	20.00000	0.0	0.0	0.0	0.0
						5.9718	142.60000	-38.45000	20.00000	0.0	0.0	0.0	0.0
						7.9624	140.80000	-37.60000	20.00000	0.0	0.0	0.0	0.0
						9.9530	139.00000	-36.75000	20.00000	0.0	0.0	0.0	0.0
						11.944	137.20000	-35.90000	20.00000	0.0	0.0	0.0	0.0
						13.934	135.40000	-35.05000	20.00000	0.0	0.0	0.0	0.0
						15.925	133.60000	-34.20000	20.00000	0.0	0.0	0.0	0.0
						17.915	131.80000	-33.35000	20.00000	0.0	0.0	0.0	0.0
						19.906	130.00000	-32.50000	20.00000	0.0	0.0	0.0	0.0
						21.897	128.20000	-31.65000	20.00000	0.0	0.0	0.0	0.0
						23.887	126.40000	-30.80000	20.00000	0.0	0.0	0.0	0.0
						25.878	124.60000	-29.95000	20.00000	0.0	0.0	0.0	0.0
						27.868	122.80000	-29.10000	20.00000	0.0	0.0	0.0	0.0
						29.859	121.00000	-28.25000	20.00000	0.0	0.0	0.0	0.0
						31.850	119.20000	-27.40000	20.00000	0.0	0.0	0.0	0.0
						33.840	117.40000	-26.55000	20.00000	0.0	0.0	0.0	0.0
						35.831	115.60000	-25.70000	20.00000	0.0	0.0	0.0	0.0
						37.821	113.80000	-24.85000	20.00000	0.0	0.0	0.0	0.0
						39.812	112.00000	-24.00000	20.00000	0.0	0.0	0.0	0.0
	20	TP No.2_2		TP No.2_2		0.0	112.00000	-24.00000	20.00000	0.0	0.0	0.0	0.0
						2.0591	111.00000	-25.80000	20.00000	0.0	0.0	0.0	0.0
						4.1183	110.00000	-27.60000	20.00000	0.0	0.0	0.0	0.0
						6.1774	109.00000	-29.40000	20.00000	0.0	0.0	0.0	0.0
						8.2365	108.00000	-31.20000	20.00000	0.0	0.0	0.0	0.0
						10.296	107.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No. Sheet No. Rev.

371654

Drg. Ref.

Made by
MK

Date
11-Aug-2020

Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz//	Δsperp.
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
					44.871	159.52000	-35.64000	20.00000	0.0	0.0	0.0	0.0
					46.911	157.68000	-34.76000	20.00000	0.0	0.0	0.0	0.0
					48.951	155.84000	-33.88000	20.00000	0.0	0.0	0.0	0.0
					50.990	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0
		24	TP No.3_2	TP No.3_2	0.0	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0
					1.9166	153.14286	-34.71429	20.00000	0.0	0.0	0.0	0.0
					3.8333	152.28571	-36.42857	20.00000	0.0	0.0	0.0	0.0
					5.7499	151.42857	-38.14286	20.00000	0.0	0.0	0.0	0.0
					7.6665	150.57143	-39.85714	20.00000	0.0	0.0	0.0	0.0
					9.5831	149.71429	-41.57143	20.00000	0.0	0.0	0.0	0.0
					11.500	148.85714	-43.28571	20.00000	0.0	0.0	0.0	0.0
		25	TP No.3_3	TP No.3_3	13.416	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
					0.0	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
					2.0227	149.84000	-45.84000	20.00000	0.0	0.0	0.0	0.0
					4.0453	151.68000	-46.68000	20.00000	0.0	0.0	0.0	0.0
					6.0680	153.52000	-47.52000	20.00000	0.0	0.0	0.0	0.0
					8.0907	155.36000	-48.36000	20.00000	0.0	0.0	0.0	0.0
					10.113	157.20000	-49.20000	20.00000	0.0	0.0	0.0	0.0
					12.136	159.04000	-50.04000	20.00000	0.0	0.0	0.0	0.0
					14.159	160.88000	-50.88000	20.00000	0.0	0.0	0.0	0.0
					16.181	162.72000	-51.72000	20.00000	0.0	0.0	0.0	0.0
					18.204	164.56000	-52.56000	20.00000	0.0	0.0	0.0	0.0
					20.227	166.40000	-53.40000	20.00000	0.0	0.0	0.0	0.0
					22.249	168.24000	-54.24000	20.00000	0.0	0.0	0.0	0.0
					24.272	170.08000	-55.08000	20.00000	0.0	0.0	0.0	0.0
					26.295	171.92000	-55.92000	20.00000	0.0	0.0	0.0	0.0
					28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0
					30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0
					32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0
					34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0
					36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0
					38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0
					40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0
					42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0
					44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0
					46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0
					48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0
					50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0
		26	TP No.3_4	TP No.3_4	0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0
					2.0883	195.00000	-64.16667	20.00000	0.0	0.0	0.0	0.0
					4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	0.0
					6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	0.0
					8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	0.0
					10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	0.0
					12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	0.0
		27	Hospital No.1_1	Hospital No.1_1	0.0	189.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	189.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	189.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0
					6.0000	189.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	189.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0
					10.000	189.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0
					12.000	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0
		28	Hospital No.1_2	Hospital No.1_2	0.0	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0
					1.9474	190.94737	-31.00000	19.00000	0.0	0.0	0.0	0.0
					3.8947	192.89474	-31.00000	19.00000	0.0	0.0	0.0	0.0
					5.8421	194.84211	-31.00000	19.00000	0.0	0.0	0.0	0.0
					7.7895	196.78947	-31.00000	19.00000	0.0	0.0	0.0	0.0
					9.7368	198.73684	-31.00000	19.00000	0.0	0.0	0.0	0.0
					11.684	200.68421	-31.00000	19.00000	0.0	0.0	0.0	0.0
					13.632	202.63158	-31.00000	19.00000	0.0	0.0	0.0	0.0
					15.579	204.57895	-31.00000	19.00000	0.0	0.0	0.0	0.0
					17.526	206.52632	-31.00000	19.00000	0.0	0.0	0.0	0.0
					19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0
					21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0
					23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0
					25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0
					27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0
					29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0
					31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0
					33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0
					35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0
					37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0
		29	Hospital No.1_3	Hospital No.1_3	0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0
					6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0
					10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0
					12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0
					14.000	226.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0
					16.000	226.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0
					18.000	226.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0
					20.000	226.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0
					22.000	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
		30	Hospital No.1_4	Hospital No.1_4	0.0	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	224.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	222.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					6.0000	220.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					8.0000	218.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					10.000	216.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					12.000	214.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					14.000	212.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
		31	Hospital No.1_5	Hospital No.1_5	0.0	212.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0
					2.0000	212.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0
					4.0000	212.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δs	Δp
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]
						26.000	215.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						28.000	217.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						30.000	219.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						32.000	221.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						34.000	223.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						36.000	225.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
		35	Hospital No.2_3	Hospital No.2_3		0.0	225.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.0	0.0
						4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.0	0.0
						6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0	0.0
						8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0	0.0
						10.000	225.00000	15.00000	19.00000	0.0	0.0	0.0	0.0
						12.000	225.00000	17.00000	19.00000	0.0	0.0	0.0	0.0
						14.000	225.00000	19.00000	19.00000	0.0	0.0	0.0	0.0
						16.000	225.00000	21.00000	19.00000	0.0	0.0	0.0	0.0
						18.000	225.00000	23.00000	19.00000	0.0	0.0	0.0	0.0
						20.000	225.00000	25.00000	19.00000	0.0	0.0	0.0	0.0
						22.000	225.00000	27.00000	19.00000	0.0	0.0	0.0	0.0
						24.000	225.00000	29.00000	19.00000	0.0	0.0	0.0	0.0
						26.000	225.00000	31.00000	19.00000	0.0	0.0	0.0	0.0
						28.000	225.00000	33.00000	19.00000	0.0	0.0	0.0	0.0
						30.000	225.00000	35.00000	19.00000	0.0	0.0	0.0	0.0
						32.000	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
		36	Hospital No.2_4	Hospital No.2_4		0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						10.000	215.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						12.000	213.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						14.000	211.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						16.000	209.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						18.000	207.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						20.000	205.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						22.000	203.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						24.000	201.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						26.000	199.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						28.000	197.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						30.000	195.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						32.000	193.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						34.000	191.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						36.000	189.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
		37	Hospital No.3_1	Hospital No.3_1		0.0	189.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						1.9375	189.00000	75.06250	19.00000	0.0	0.0	0.0	0.0
						3.8750	189.00000	71.12500	19.00000	0.0	0.0	0.0	0.0
						5.8125	189.00000	71.18750	19.00000	0.0	0.0	0.0	0.0
						7.7500	189.00000	69.25000	19.00000	0.0	0.0	0.0	0.0
						9.6875	189.00000	67.31250	19.00000	0.0	0.0	0.0	0.0
						11.625	189.00000	65.37500	19.00000	0.0	0.0	0.0	0.0
						13.563	189.00000	63.43750	19.00000	0.0	0.0	0.0	0.0
						15.500	189.00000	61.50000	19.00000	0.0	0.0	0.0	0.0
						17.438	189.00000	59.56250	19.00000	0.0	0.0	0.0	0.0
						19.375	189.00000	57.62500	19.00000	0.0	0.0	0.0	0.0
						21.313	189.00000	55.68750	19.00000	0.0	0.0	0.0	0.0
						23.250	189.00000	53.75000	19.00000	0.0	0.0	0.0	0.0
						25.188	189.00000	51.81250	19.00000	0.0	0.0	0.0	0.0
						27.125	189.00000	49.87500	19.00000	0.0	0.0	0.0	0.0
						29.063	189.00000	47.93750	19.00000	0.0	0.0	0.0	0.0
		38	Hospital No.3_2	Hospital No.3_2		31.000	189.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
						0.0	189.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
						1.8000	190.80000	46.00000	19.00000	0.0	0.0	0.0	0.0
						3.6000	192.60000	46.00000	19.00000	0.0	0.0	0.0	0.0
						5.4000	194.40000	46.00000	19.00000	0.0	0.0	0.0	0.0
						7.2000	196.20000	46.00000	19.00000	0.0	0.0	0.0	0.0
						9.0000	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
						0.0	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
		39	Hospital No.3_3	Hospital No.3_3		1.8000	198.00000	47.80000	19.00000	0.0	0.0	0.0	0.0
						3.6000	198.00000	49.60000	19.00000	0.0	0.0	0.0	0.0
						5.4000	198.00000	51.40000	19.00000	0.0	0.0	0.0	0.0
						7.2000	198.00000	53.20000	19.00000	0.0	0.0	0.0	0.0
						9.0000	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						0.0	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
		40	Hospital No.3_4	Hospital No.3_4		0.0	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						2.0000	200.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						4.0000	202.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						6.0000	204.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						8.0000	206.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						10.000	208.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						12.000	210.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						14.000	212.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						16.000	214.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						18.000	216.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						20.000	218.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						22.000	220.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						24.000	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						0.0	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
		41	Hospital No.3_5	Hospital No.3_5		1.8000	222.00000	53.20000	19.00000	0.0	0.0	0.0	0.0
						3.6000	222.00000	51.40000	19.00000	0.0	0.0	0.0	0.0
						5.4000	222.00000	49.60000	19.00000	0.0	0.0	0.0	0.0
						7.2000	222.00000	47.80000	19.00000	0.0	0.0	0.0	0.0
						9.0000	222.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
						0.0	222.00000	46.00000	19.00000	0.0	0.0	0.0	0.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Ref.			[m]	[m]	[m]	[m]	[mm]	
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000 22.00000 2.6779 d
						1.9444	6.00000	15.94444 22.00000 2.6653 d
						3.8889	6.00000	17.88889 22.00000 2.6173 d
						5.8333	6.00000	19.83333 22.00000 2.5521 d
						7.7778	6.00000	21.77778 22.00000 2.4676 d
						9.7222	6.00000	23.72222 22.00000 2.3672 d
						11.667	6.00000	25.66667 22.00000 2.2678 d
						13.611	6.00000	27.61111 22.00000 2.1924 d
						15.556	6.00000	29.55556 22.00000 2.1388 d
						17.500	6.00000	31.50000 22.00000 2.0879 d
						19.444	6.00000	33.44444 22.00000 2.0507 d
						21.389	6.00000	35.38889 22.00000 2.0659 d
						23.333	6.00000	37.33333 22.00000 2.1405 d
						25.278	6.00000	39.27778 22.00000 2.2484 d
						27.222	6.00000	41.22222 22.00000 2.3765 d
						29.167	6.00000	43.16667 22.00000 2.5150 d
						31.111	6.00000	45.11111 22.00000 2.6457 d
						33.056	6.00000	47.05556 22.00000 2.7106 d
						35.000	6.00000	49.00000 22.00000 2.4902 d
2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	2.4902 d
					2.0000	4.00000	49.00000	22.00000 2.2933 d
					4.0000	2.00000	49.00000	22.00000 2.0032 d
					6.0000	0.00000	49.00000	22.00000 1.6737 d
					8.0000	-2.00000	49.00000	22.00000 1.3229 d
					10.000	-4.00000	49.00000	22.00000 0.95867 d
					12.000	-6.00000	49.00000	22.00000 0.58518 d
					14.000	-8.00000	49.00000	22.00000 0.20495 d
					16.000	-10.00000	49.00000	22.00000 0.023891 d
					18.000	-12.00000	49.00000	22.00000 0.030556 d
					20.000	-14.00000	49.00000	22.00000 0.035145 d
3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000	0.035145 d
					1.9444	-14.00000	47.05556	22.00000 0.033385 d
					3.8889	-14.00000	45.11111	22.00000 0.031583 d
					5.8333	-14.00000	43.16667	22.00000 0.029833 d
					7.7778	-14.00000	41.22222	22.00000 0.028236 d
					9.7222	-14.00000	39.27778	22.00000 0.026891 d
					11.667	-14.00000	37.33333	22.00000 0.025884 d
					13.611	-14.00000	35.38889	22.00000 0.025283 d
					15.556	-14.00000	33.44444	22.00000 0.025129 d
					17.500	-14.00000	31.50000	22.00000 0.025431 d
					19.444	-14.00000	29.55556	22.00000 0.026168 d
					21.389	-14.00000	27.61111	22.00000 0.027292 d
					23.333	-14.00000	25.66667	22.00000 0.028730 d
					25.278	-14.00000	23.72222	22.00000 0.030393 d
					27.222	-14.00000	21.77778	22.00000 0.032184 d
					29.167	-14.00000	19.83333	22.00000 0.034008 d
					31.111	-14.00000	17.88889	22.00000 0.035774 d
					33.056	-14.00000	15.94444	22.00000 0.037405 d
					35.000	-14.00000	14.00000	22.00000 0.038840 d
4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	0.038840 d
					2.0000	-12.00000	14.00000	22.00000 0.036128 d
					4.0000	-10.00000	14.00000	22.00000 0.032046 d
					6.0000	-8.00000	14.00000	22.00000 0.026824 d
					8.0000	-6.00000	14.00000	22.00000 0.041842 d
					10.000	-4.00000	14.00000	22.00000 0.080727 d
					12.000	-2.00000	14.00000	22.00000 1.1928 d
					14.000	0.00000	14.00000	22.00000 1.5742 d
					16.000	2.00000	14.00000	22.00000 1.9507 d
					18.000	4.00000	14.00000	22.00000 2.3207 d
					20.000	6.00000	14.00000	22.00000 2.6779 d
5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	0.22050 d
					2.0031	43.00000	0.11111	20.00000 0.29772 d
					4.0062	41.00000	0.22222	20.00000 0.32536 d
					6.0093	39.00000	0.33333	20.00000 0.34396 d
					8.0123	37.00000	0.44444	20.00000 0.36261 d
					10.015	35.00000	0.55556	20.00000 0.38146 d
					12.019	33.00000	0.66667	20.00000 0.40064 d
					14.022	31.00000	0.77778	20.00000 0.42026 d
					16.025	29.00000	0.88889	20.00000 0.44041 d
					18.028	27.00000	1.00000	20.00000 0.46117 d
6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	0.46117 d
					1.8409	26.83333	-0.83333	20.00000 0.10700 d
					3.6818	26.66667	-2.66667	20.00000 0.030565 d
					5.5227	26.50000	-4.50000	20.00000 0.036739 d
					7.3636	26.33333	-6.33333	20.00000 0.040851 d
					9.2045	26.16667	-8.16667	20.00000 0.043404 d
					11.045	26.00000	-10.00000	20.00000 0.044783 d
7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	0.044783 d
					1.7500	27.75000	-10.00000	20.00000 0.044807 d
					3.5000	29.50000	-10.00000	20.00000 0.044844 d
					5.2500	31.25000	-10.00000	20.00000 0.044893 d
					7.0000	33.00000	-10.00000	20.00000 0.044949 d
8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	0.044949 d
					1.9749	32.84375	-11.96875	20.00000 0.045264 d
					3.9499	32.68750	-13.93750	20.00000 0.044915 d
					5.9248	32.53125	-15.90625	20.00000 0.044088 d
					7.8998	32.37500	-17.87500	20.00000 0.042926 d
					9.8747	32.21875	-19.84375	20.00000 0.041537 d
					11.850	32.06250	-21.81250	20.00000 0.040003 d
					13.825	31.90625	-23.78125	20.00000 0.038383 d
					15.800	31.75000	-25.75000	20.00000 0.036725 d
					17.774	31.59375	-27.71875	20.00000 0.035060 d
					19.749	31.43750	-29.68750	20.00000 0.033414 d
					21.724	31.28125	-31.65625	20.00000 0.031805 d
					23.699	31.12500	-33.62500	20.00000 0.030244 d
					25.674	30.96875	-35.59375	20.00000 0.028740 d
					27.649	30.81250	-37.56250	20.00000 0.027298 d
					29.624	30.65625	-39.53125	20.00000 0.025928 d
					31.599	30.50000	-41.50000	20.00000 0.024609 d
					33.574	30.34375	-43.46875	20.00000 0.023364 d
					35.549	30.18750	-45.43750	20.00000 0.022183 d
					37.524	30.03125	-47.40625	20.00000 0.021065 d
					39.499	29.87500	-49.37500	20.00000 0.020009 d
					41.474	29.71875	-51.34375	20.00000 0.019010 d
					43.449	29.56250	-53.31250	20.00000 0.018068 d
					45.424	29.40625	-55.28125	20.00000 0.017179 d
					47.399	29.25000	-57.25000	20.00000 0.016340 d
					49.374	29.09375	-59.21875	20.00000 0.015548 d
					51.348	28.93750	-61.18750	20.00000 0.014802 d
					53.323	28.78125	-63.15625	20.00000 0.014098 d
					55.298	28.62500	-65.12500	20.00000 0.013434 d
					57.273	28.46875	-67.09375	20.00000 0.012808 d
					59.248	28.31250	-69.06250	20.00000 0.012217 d
					61.223	28.15625	-71.03125	20.00000 0.011659 d
					63.198	28.00000	-73.00000	20.00000 0.011131 d
9	Beaumont Court_5	Beaumont Court_5	0.0	0.0	28.00000	-73.00000	20.00000	0.011131 d
					2.0069	30.00000	-73.16667	20.00000 0.011069 d
					4.0139	32.00000	-73.33333	20.00000 0.010997 d
					6.0208	34.00000	-73.50000	20.00000 0.010917 d
					8.0277	36.00000	-73.66667	20.00000 0.010828 d
					10.035	38.00000	-73.83333	20.00000 0.010731 d
					12.042	40.00000	-74.00000	20.00000 0.010626 d
10	Beaumont Court_6	Beaumont Court_6	0.0	0.0	40.00000	-74.00000	20.00000	0.010626 d
					2.0046	40.13514	-72.00000	20.00000 0.011123 d
					4.0091	40.27027	-70.00000	20.00000 0.011649 d
					6.0137	40.40541	-68.00000	20.00000 0.012206 d
					8.0182	40.54054	-66.00000	20.00000 0.012796 d
					10.023	40.67568	-64.00000	20.00000 0.013420 d
					12.027	40.81081	-62.00000	20.00000 0.014081 d
					14.032	40.94595	-60.00000	20.00000 0.014781 d
					16.036	41.08108	-58.00000	20.00000 0.015522 d
					18.041	41.21622	-56.00000	20.00000 0.016307 d
					20.046	41.35135	-54.00000	20.00000 0.017138 d
					22.050	41.48649	-52.00000	20.00000 0.018019 d
					24.055	41.62162	-50.00000	20.00000 0.018950 d
					26.059	41.75676	-48.00000	20.00000 0.019935 d
					28.064	41.89189	-46.00000	20.00000 0.020976 d
					30.068	42.02703	-44.00000	20.00000 0.022076 d

Stage: Stage: Name	Specific Building: Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz		
Ref.	Ref.									
					[m]	[m]	[m]	[mm]		
					32.073	42.16216	-42.00000	20.00000	0.023235	d
					34.078	42.29730	-40.00000	20.00000	0.024455	d
					36.082	42.43243	-38.00000	20.00000	0.025738	d
					38.087	42.56757	-36.00000	20.00000	0.027082	d
					40.091	42.70270	-34.00000	20.00000	0.028486	d
					42.096	42.83784	-32.00000	20.00000	0.029947	d
					44.100	42.97297	-30.00000	20.00000	0.031461	d
					46.105	43.10811	-28.00000	20.00000	0.033019	d
					48.109	43.24324	-26.00000	20.00000	0.034610	d
					50.114	43.37838	-24.00000	20.00000	0.036219	d
					52.119	43.51351	-22.00000	20.00000	0.037823	d
					54.123	43.64865	-20.00000	20.00000	0.039394	d
					56.128	43.78378	-18.00000	20.00000	0.040895	d
					58.132	43.91892	-16.00000	20.00000	0.042275	d
					60.137	44.05405	-14.00000	20.00000	0.043669	d
					62.141	44.18919	-12.00000	20.00000	0.044394	d
					64.146	44.32432	-10.00000	20.00000	0.044944	d
					66.150	44.45946	-8.00000	20.00000	0.044982	d
					68.155	44.59459	-6.00000	20.00000	0.044334	d
					70.160	44.72973	-4.00000	20.00000	0.042780	d
					72.164	44.86486	-2.00000	20.00000	0.040044	d
					74.169	45.00000	0.00000	20.00000	0.22050	d
11	TP No.1_1	TP No.1_1	0.0		0.0	96.00000	-16.00000	20.00000	0.018268	d
					1.8634	94.33333	-15.16667	20.00000	0.019184	d
					3.7268	92.66667	-14.33333	20.00000	0.020155	d
					5.5902	91.00000	-13.50000	20.00000	0.021182	d
					7.4536	89.33333	-12.66667	20.00000	0.022269	d
					9.3169	87.66667	-11.83333	20.00000	0.023419	d
					11.180	86.00000	-11.00000	20.00000	0.024633	d
12	TP No.1_2	TP No.1_2	0.0		0.0	86.00000	-11.00000	20.00000	0.024633	d
					1.8634	85.16667	-12.66667	20.00000	0.024404	d
					3.7268	84.33333	-14.33333	20.00000	0.024149	d
					5.5902	83.50000	-16.00000	20.00000	0.023870	d
					7.4536	82.66667	-17.66667	20.00000	0.023568	d
					9.3169	81.83333	-19.33333	20.00000	0.023244	d
					11.180	81.00000	-21.00000	20.00000	0.022900	d
13	TP No.1_3	TP No.1_3	0.0		0.0	81.00000	-21.00000	20.00000	0.022900	d
					2.0454	79.14286	-20.14286	20.00000	0.024128	d
					4.0908	77.28571	-19.28571	20.00000	0.025420	d
					6.1362	75.42857	-18.42857	20.00000	0.026775	d
					8.1816	73.57143	-17.57143	20.00000	0.028193	d
					10.227	71.71429	-16.71429	20.00000	0.029668	d
					12.272	69.85714	-15.85714	20.00000	0.031197	d
					14.318	68.00000	-15.00000	20.00000	0.032771	d
14	TP No.1_4	TP No.1_4	0.0		0.0	68.00000	-15.00000	20.00000	0.032771	d
					2.0900	67.16667	-16.91667	20.00000	0.031967	d
					4.1800	66.33333	-18.83333	20.00000	0.031141	d
					6.2700	65.50000	-20.75000	20.00000	0.030297	d
					8.3600	64.66667	-22.66667	20.00000	0.029439	d
					10.450	63.83333	-24.58333	20.00000	0.028568	d
					12.540	63.00000	-26.50000	20.00000	0.027691	d
15	TP No.1_5	TP No.1_5	0.0		0.0	63.00000	-26.50000	20.00000	0.027691	d
					1.9699	64.76190	-27.38095	20.00000	0.026466	d
					3.9397	66.52381	-28.26190	20.00000	0.025281	d
					5.9096	68.28571	-29.14286	20.00000	0.024140	d
					7.8795	70.04762	-30.02381	20.00000	0.023043	d
					9.8493	71.80952	-30.90476	20.00000	0.021992	d
					11.819	73.57143	-31.78571	20.00000	0.020985	d
					13.789	75.33333	-32.66667	20.00000	0.020024	d
					15.759	77.09524	-33.54762	20.00000	0.019107	d
					17.729	78.85714	-34.42857	20.00000	0.018234	d
					19.699	80.61905	-35.30952	20.00000	0.017402	d
					21.669	82.38095	-36.19048	20.00000	0.016612	d
					23.638	84.14286	-37.07143	20.00000	0.015860	d
					25.608	85.90476	-37.95238	20.00000	0.015146	d
					27.578	87.66667	-38.83333	20.00000	0.014468	d
					29.548	89.42857	-39.71429	20.00000	0.013824	d
					31.518	91.19048	-40.59524	20.00000	0.013213	d
					33.488	92.95238	-41.47619	20.00000	0.012634	d
					35.458	94.71429	-42.35714	20.00000	0.012084	d
					37.428	96.47619	-43.23810	20.00000	0.011561	d
					39.397	98.23810	-44.11905	20.00000	0.011066	d
16	TP No.1_6	TP No.1_6	0.0		41.367	100.00000	-45.00000	20.00000	0.010596	d
					0.0	100.00000	-45.00000	20.00000	0.010596	d
					2.0883	101.00000	-43.16667	20.00000	0.010747	d
					4.1767	102.00000	-41.33333	20.00000	0.010891	d
					6.2650	103.00000	-39.50000	20.00000	0.011028	d
					8.3533	104.00000	-37.66667	20.00000	0.011157	d
					10.442	105.00000	-35.83333	20.00000	0.011277	d
					12.530	106.00000	-34.00000	20.00000	0.011388	d
17	TP No.1_7	TP No.1_7	0.0		0.0	106.00000	-34.00000	20.00000	0.011388	d
					2.0691	104.12500	-33.12500	20.00000	0.011946	d
					4.1382	102.25000	-32.25000	20.00000	0.012537	d
					6.2074	100.37500	-31.37500	20.00000	0.013164	d
					8.2765	98.50000	-30.50000	20.00000	0.013828	d
					10.346	96.62500	-29.62500	20.00000	0.014534	d
					12.415	94.75000	-28.75000	20.00000	0.015282	d
					14.484	92.87500	-27.87500	20.00000	0.016075	d
					16.553	91.00000	-27.00000	20.00000	0.016917	d
18	TP No.1_8	TP No.1_8	0.0		0.0	91.00000	-27.00000	20.00000	0.016917	d
					2.0138	91.83333	-25.16667	20.00000	0.017181	d
					4.0277	92.66667	-23.33333	20.00000	0.017432	d
					6.0415	93.50000	-21.50000	20.00000	0.017667	d
					8.0554	94.33333	-19.66667	20.00000	0.017885	d
					10.069	95.16667	-17.83333	20.00000	0.018086	d
					12.083	96.00000	-16.00000	20.00000	0.018268	d
19	TP No.2_1	TP No.2_1	0.0		0.0	148.00000	-41.00000	20.00000	0.0050373	d
					1.8906	146.20000	-40.15000	20.00000	0.0052307	d
					3.9812	144.40000	-39.30000	20.00000	0.0054338	d
					5.9718	142.60000	-38.45000	20.00000	0.0056472	d
					7.9624	140.80000	-37.60000	20.00000	0.0058715	d
					9.9530	139.00000	-36.75000	20.00000	0.0061075	d
					11.944	137.20000	-35.90000	20.00000	0.0063557	d
					13.934	135.40000	-35.05000	20.00000	0.0066171	d
					15.925	133.60000	-34.20000	20.00000	0.0068924	d
					17.915	131.80000	-33.35000	20.00000	0.0071826	d
					19.906	130.00000	-32.50000	20.00000	0.0074885	d
					21.897	128.20000	-31.65000	20.00000	0.0078117	d
					23.887	126.40000	-30.80000	20.00000	0.0081520	d
					25.878	124.60000	-29.95000	20.00000	0.0085118	d
					27.868	122.80000	-29.10000	20.00000	0.0088921	d
					29.859	121.00000	-28.25000	20.00000	0.0092940	d
					31.850	119.20000	-27.40000	20.00000	0.0097193	d
					33.840	117.40000	-26.55000	20.00000	0.010169	d
					35.831	115.60000	-25.70000	20.00000	0.010646	d
					37.821	113.80000	-24.85000	20.00000	0.011151	d
20	TP No.2_2	TP No.2_2	0.0		39.812	112.00000	-24.00000	20.00000	0.011686	d
					0.0	112.00000	-24.00000	20.00000	0.011686	d
					2.0591	111.00000	-22.80000	20.00000	0.011640	d
					4.1183	110.00000	-21.60000	20.00000	0.011583	d
					6.1774	109.00000	-20.40000	20.00000	0.011515	d
					8.2365	108.00000	-19.20000	20.00000	0.011437	d
					10.296	107.00000	-18.00000	20.00000	0.011349	d
21	TP No.2_3	TP No.2_3	0.0		0.0	107.00000	-18.00000	20.00000	0.011349	d
					1.9906	108.80000	-33.85000	20.00000	0.010842	d
					3.9812	110.60000	-34.70000	20.00000	0.010363	d
					5.9718	112.40000	-35.55000	20.00000	0.0099102	d
					7.9624	114.20000	-36.40000	20.00000	0.0094815	d
					9.9530	116.00000	-37.25000	20.00000	0.0090756	d
					11.944	117.80000	-38.10000	20.00000	0.0086912	d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[mm]	
						35.831	139.40000	-48.30000	20.00000	0.0053564 d
						37.821	141.20000	-49.15000	20.00000	0.0051589 d
						39.812	143.00000	-50.00000	20.00000	0.0049707 d
22		TP No.2_4		TP No.2_4	0.0	0.0	143.00000	-50.00000	20.00000	0.0049707 d
						2.0591	144.00000	-48.20000	20.00000	0.0049894 d
						4.1183	145.00000	-46.40000	20.00000	0.0050055 d
						6.1774	146.00000	-44.60000	20.00000	0.0050188 d
						8.2365	147.00000	-42.80000	20.00000	0.0050294 d
						10.296	148.00000	-41.00000	20.00000	0.0050373 d
23		TP No.3_1		TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	0.0021196 d
						2.0396	198.16000	-54.12000	20.00000	0.0021835 d
						4.0792	196.32000	-53.24000	20.00000	0.0022500 d
						6.1188	194.48000	-52.36000	20.00000	0.0023192 d
						8.1584	192.64000	-51.48000	20.00000	0.0023912 d
						10.198	190.80000	-50.60000	20.00000	0.0024661 d
						12.238	188.96000	-49.72000	20.00000	0.0025442 d
						14.277	187.12000	-48.84000	20.00000	0.0026255 d
						16.317	185.28000	-47.96000	20.00000	0.0027103 d
						18.356	183.44000	-47.08000	20.00000	0.0027987 d
						20.396	181.60000	-46.20000	20.00000	0.0028909 d
						22.436	179.76000	-45.32000	20.00000	0.0029871 d
						24.475	177.92000	-44.44000	20.00000	0.0030876 d
						26.515	176.08000	-43.56000	20.00000	0.0031926 d
						28.555	174.24000	-42.68000	20.00000	0.0033022 d
						30.594	172.40000	-41.80000	20.00000	0.0034168 d
						32.634	170.56000	-40.92000	20.00000	0.0035367 d
						34.673	168.72000	-40.04000	20.00000	0.0036621 d
						36.713	166.88000	-39.16000	20.00000	0.0037934 d
						38.753	165.04000	-38.28000	20.00000	0.0039310 d
						40.792	163.20000	-37.40000	20.00000	0.0040750 d
						42.832	161.36000	-36.52000	20.00000	0.0042260 d
						44.871	159.52000	-35.64000	20.00000	0.0043844 d
						46.911	157.68000	-34.76000	20.00000	0.0045506 d
						48.951	155.84000	-33.88000	20.00000	0.0047251 d
						50.990	154.00000	-33.00000	20.00000	0.0049083 d
24		TP No.3_2		TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	0.0049083 d
						1.9166	153.14286	-34.71429	20.00000	0.0049058 d
						3.8333	152.28571	-36.42857	20.00000	0.0049010 d
						5.7499	151.42857	-38.14286	20.00000	0.0048938 d
						7.6665	150.57143	-39.85714	20.00000	0.0048844 d
						9.5831	149.71429	-41.57143	20.00000	0.0048727 d
						11.500	148.85714	-43.28571	20.00000	0.0048587 d
						13.416	148.00000	-45.00000	20.00000	0.0048425 d
25		TP No.3_3		TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	0.0048425 d
						2.0227	149.84000	-45.84000	20.00000	0.0046654 d
						4.0453	151.68000	-46.68000	20.00000	0.0044965 d
						6.0680	153.52000	-47.52000	20.00000	0.0043354 d
						8.0907	155.36000	-48.36000	20.00000	0.0041818 d
						10.113	157.20000	-49.20000	20.00000	0.0040351 d
						12.136	159.04000	-50.04000	20.00000	0.0038950 d
						14.159	160.88000	-50.88000	20.00000	0.0037612 d
						16.181	162.72000	-51.72000	20.00000	0.0036333 d
						18.204	164.56000	-52.56000	20.00000	0.0035110 d
						20.227	166.40000	-53.40000	20.00000	0.0033940 d
						22.249	168.24000	-54.24000	20.00000	0.0032820 d
						24.272	170.08000	-55.08000	20.00000	0.0031748 d
						26.295	171.92000	-55.92000	20.00000	0.0030721 d
						28.317	173.76000	-56.76000	20.00000	0.0029736 d
						30.340	175.60000	-57.60000	20.00000	0.0028793 d
						32.363	177.44000	-58.44000	20.00000	0.0027888 d
						34.385	179.28000	-59.28000	20.00000	0.0027020 d
						36.408	181.12000	-60.12000	20.00000	0.0026187 d
						38.431	182.96000	-60.96000	20.00000	0.0025388 d
						40.453	184.80000	-61.80000	20.00000	0.0024620 d
						42.476	186.64000	-62.64000	20.00000	0.0023882 d
						44.499	188.48000	-63.48000	20.00000	0.0023173 d
						46.521	190.32000	-64.32000	20.00000	0.0022491 d
						48.544	192.16000	-65.16000	20.00000	0.0021835 d
						50.567	194.00000	-66.00000	20.00000	0.0021204 d
26		TP No.3_4		TP No.3_4	0.0	0.0	194.00000	-66.00000	20.00000	0.0021204 d
						2.0883	195.00000	-64.16667	20.00000	0.0021220 d
						4.1767	196.00000	-62.33333	20.00000	0.0021229 d
						6.2650	197.00000	-60.50000	20.00000	0.0021231 d
						8.3533	198.00000	-58.66667	20.00000	0.0021226 d
						10.442	199.00000	-56.83333	20.00000	0.0021214 d
27		Hospital No.1_1		Hospital No.1_1	0.0	12.530	200.00000	-55.00000	20.00000	0.0021196 d
						0.0	189.00000	-19.00000	19.00000	0.0030539 d
						2.0000	189.00000	-21.00000	19.00000	0.0030236 d
						4.0000	189.00000	-23.00000	19.00000	0.0029927 d
						6.0000	189.00000	-25.00000	19.00000	0.0029613 d
						8.0000	189.00000	-27.00000	19.00000	0.0029293 d
						10.000	189.00000	-29.00000	19.00000	0.0028968 d
						12.000	189.00000	-31.00000	19.00000	0.0028639 d
28		Hospital No.1_2		Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	0.0028639 d
						1.9474	190.94737	-31.00000	19.00000	0.0027826 d
						3.8947	192.89474	-31.00000	19.00000	0.0027042 d
						5.8421	194.84211	-31.00000	19.00000	0.0026285 d
						7.7895	196.78947	-31.00000	19.00000	0.0025555 d
						9.7368	198.73684	-31.00000	19.00000	0.0024851 d
						11.684	200.68421	-31.00000	19.00000	0.0024170 d
						13.632	202.63158	-31.00000	19.00000	0.0023514 d
						15.579	204.57895	-31.00000	19.00000	0.0022879 d
						17.526	206.52632	-31.00000	19.00000	0.0022267 d
						19.474	208.47368	-31.00000	19.00000	0.0021675 d
						21.421	210.42105	-31.00000	19.00000	0.0021102 d
						23.368	212.36842	-31.00000	19.00000	0.0020549 d
						25.316	214.31579	-31.00000	19.00000	0.0020015 d
						27.263	216.26316	-31.00000	19.00000	0.0019498 d
						29.211	218.21053	-31.00000	19.00000	0.0018997 d
						31.158	220.15789	-31.00000	19.00000	0.0018514 d
						33.105	222.10526	-31.00000	19.00000	0.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz							
					[m]	[m]	[m]	[m]	[mm]								
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	0.0030539	d						
						0.0	189.00000	37.00000	19.00000	0.0034889	d						
						2.0000	189.00000	35.00000	19.00000	0.0034909	d						
						4.0000	189.00000	33.00000	19.00000	0.0034914	d						
						6.0000	189.00000	31.00000	19.00000	0.0034905	d						
						8.0000	189.00000	29.00000	19.00000	0.0034881	d						
						10.000	189.00000	27.00000	19.00000	0.0034844	d						
						12.000	189.00000	25.00000	19.00000	0.0034792	d						
						14.000	189.00000	23.00000	19.00000	0.0034726	d						
						16.000	189.00000	21.00000	19.00000	0.0034646	d						
						18.000	189.00000	19.00000	19.00000	0.0034553	d						
						20.000	189.00000	17.00000	19.00000	0.0034446	d						
						22.000	189.00000	15.00000	19.00000	0.0034325	d						
						24.000	189.00000	13.00000	19.00000	0.0034192	d						
						26.000	189.00000	11.00000	19.00000	0.0034046	d						
						28.000	189.00000	9.00000	19.00000	0.0033887	d						
						30.000	189.00000	7.00000	19.00000	0.0033715	d						
34	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	32.000	189.00000	5.00000	19.00000	0.0033532	d						
						0.0	189.00000	5.00000	19.00000	0.0033532	d						
						2.0000	191.00000	5.00000	19.00000	0.0032450	d						
						4.0000	193.00000	5.00000	19.00000	0.0031414	d						
						6.0000	195.00000	5.00000	19.00000	0.0030419	d						
						8.0000	197.00000	5.00000	19.00000	0.0029466	d						
						10.000	199.00000	5.00000	19.00000	0.0028551	d						
						12.000	201.00000	5.00000	19.00000	0.0027672	d						
						14.000	203.00000	5.00000	19.00000	0.0026828	d						
						16.000	205.00000	5.00000	19.00000	0.0026018	d						
						18.000	207.00000	5.00000	19.00000	0.0025239	d						
						20.000	209.00000	5.00000	19.00000	0.0024490	d						
						22.000	211.00000	5.00000	19.00000	0.0023770	d						
						24.000	213.00000	5.00000	19.00000	0.0023077	d						
						26.000	215.00000	5.00000	19.00000	0.0022410	d						
						28.000	217.00000	5.00000	19.00000	0.0021769	d						
						30.000	219.00000	5.00000	19.00000	0.0021151	d						
35	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	32.000	221.00000	5.00000	19.00000	0.0020555	d						
						34.000	223.00000	5.00000	19.00000	0.0019982	d						
						36.000	225.00000	5.00000	19.00000	0.0019429	d						
						0.0	225.00000	5.00000	19.00000	0.0019429	d						
						2.0000	225.00000	7.00000	19.00000	0.0019503	d						
						4.0000	225.00000	9.00000	19.00000	0.0019572	d						
						6.0000	225.00000	11.00000	19.00000	0.0019636	d						
						8.0000	225.00000	13.00000	19.00000	0.0019695	d						
						10.000	225.00000	15.00000	19.00000	0.0019748	d						
						12.000	225.00000	17.00000	19.00000	0.0019796	d						
						14.000	225.00000	19.00000	19.00000	0.0019839	d						
						16.000	225.00000	21.00000	19.00000	0.0019876	d						
						18.000	225.00000	23.00000	19.00000	0.0019908	d						
						20.000	225.00000	25.00000	19.00000	0.0019934	d						
						22.000	225.00000	27.00000	19.00000	0.0019955	d						
						24.000	225.00000	29.00000	19.00000	0.0019970	d						
						36	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0	26.000	225.00000	31.00000	19.00000	0.0019979	d
28.000	225.00000	33.00000	19.00000	0.0019983	d												
30.000	225.00000	35.00000	19.00000	0.0019981	d												
32.000	225.00000	37.00000	19.00000	0.0019973	d												
0.0	225.00000	37.00000	19.00000	0.0019973	d												
2.0000	223.00000	37.00000	19.00000	0.0020552	d												
4.0000	221.00000	37.00000	19.00000	0.0021153	d												
6.0000	219.00000	37.00000	19.00000	0.0021778	d												
8.0000	217.00000	37.00000	19.00000	0.0022427	d												
10.000	215.00000	37.00000	19.00000	0.0023101	d												
12.000	213.00000	37.00000	19.00000	0.0023803	d												
14.000	211.00000	37.00000	19.00000	0.0024532	d												
16.000	209.00000	37.00000	19.00000	0.0025291	d												
18.000	207.00000	37.00000	19.00000	0.0026082	d												
20.000	205.00000	37.00000	19.00000	0.0026905	d												
22.000	203.00000	37.00000	19.00000	0.0027762	d												
37	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	0.0							24.000	201.00000	37.00000	19.00000	0.0028656	d
						26.000	199.00000	37.00000	19.00000	0.0029587	d						
						28.000	197.00000	37.00000	19.00000	0.0030559	d						
						30.000	195.00000	37.00000	19.00000	0.0031572	d						
						32.000	193.00000	37.00000	19.00000	0.0032630	d						
						34.000	191.00000	37.00000	19.00000	0.0033735	d						
						36.000	189.00000	37.00000	19.00000	0.0034889	d						
						0.0	189.00000	77.00000	19.00000	0.0031757	d						
						1.9375	189.00000	75.06250	19.00000	0.0032012	d						
						3.8750	189.00000	73.12500	19.00000	0.0032258	d						
						5.8125	189.00000	71.18750	19.00000	0.0032496	d						
						7.7500	189.00000	69.25000	19.00000	0.0032724	d						
						9.6875	189.00000	67.31250	19.00000	0.0032943	d						
						11.6250	189.00000	65.37500	19.00000	0.0033152	d						
						13.5625	189.00000	63.43750	19.00000	0.0033350	d						
						15.5000	189.00000	61.50000	19.00000	0.0033538	d						
						38	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	0.0	17.438	189.00000	59.56250	19.00000	0.0033715	d
19.375	189.00000	57.62500	19.00000	0.0033881	d												
21.313	189.00000	55.68750	19.00000	0.0034036	d												
23.250	189.00000	53.75000	19.00000	0.0034179	d												
25.188	189.00000	51.81250	19.00000	0.0034309	d												
27.125	189.00000	49.87500	19.00000	0.0034428	d												
29.063	189.00000	47.93750	19.00000	0.0034534	d												
31.000	189.00000	46.00000	19.00000	0.0034627	d												
0.0	189.00000	46.00000	19.00000	0.0034627	d												
1.8000	190.80000	46.00000	19.00000	0.0033599	d												
3.6000	192.60000	46.00000	19.00000	0.0032610	d												
5.4000	194.40000	46.00000	19.00000	0.0031659	d												
7.2000	196.20000	46.00000	19.00000	0.0030714	d												
9.0000	198.00000	46.00000	19.00000	0.0029795	d												
1.8000	198.00000	47.80000	19.00000	0.0029863	d												
3.6000	198.00000	49.60000	19.00000	0.0029719	d												
39	Hospital No.3_3	Hospital No.3_3	Hospital No.3_3	Hospital No.3_3	0.0							5.4000	198.00000	51.40000	19.00000	0.0029863	d
						7.2000	198.00000	53.20000	19.00000	0.0029542	d						
						9.0000	198.00000	55.00000	19.00000	0.0029441	d						
						0.0	198.00000	55.00000	19.00000	0.0029441	d						
						2.0000	200.00000	55.00000	19.00000	0.0028522	d						
						4.0000	202.00000	55.00000	19.00000	0.0027602	d						
						6.0000	204.00000	55.00000	19.00000	0.0026794	d						
						8.0000	206.00000	55.00000	19.00000	0.0025981	d						
						10.000	208.00000	55.00000	19.00000	0.0025200	d						
						12.000	210.00000	55.00000	19.00000	0.0024439	d						
						14.000	212.00000	55.00000	19.00000	0.0023727	d						
						16.000	214.00000	55.00000	19.00000	0.0023033	d						
						18.000	216.00000	55.00000	19.00000	0.0022365	d						
						20.000	218.00000	55.00000	19.00000	0.0021723	d						
						22.000	220.00000	55.00000	19.00000	0.0021104	d						
						40	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	0.0	22.000	222.00000	55.00000	19.00000	0.0020508	d
												0.0	222.00000	55.00000	19.00000	0.0020508	d
1.8000	222.00000	53.20000	19.00000	0.0020563	d												
3.6000	222.00000	51.40000	19.00000	0.0020614	d												
5.4000	222.00000	49.60000	19.00000	0.0020660	d												
7.2000	222.00000	47.80000	19.00000	0.0020702	d												
9.0000	222.00000	46.00000	19.00000	0.0020738	d												
0.0	222.00000	46.00000	19.00000	0.0020738	d												
2.0000	224.00000	46.00000	19.00000	0.0020154	d												
4.0000	226.00000	46.00000	19.00000	0.0019591	d												
6.0000	228.00000	46.00000	19.00000	0.0019048	d												
8.0000	230.00000	46.00000	19.00000	0.0018525	d												
0.0	230.00000	46.00000	19.00000	0.0018525	d												
1.9375	230.00000	47.93750	19.00000	0.0018492	d												
3.8750	230.00000	49.87500	19.00000	0.0018454	d												
41	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	0.0							5.8125	230.00000	51.81250	19.00000	0.0018412	d
												7.7500	230.00000	53.75000	19.00000	0.0018366	d
						9.6875	230.00000	55.68750	19.00000	0.0018315	d						
						11.625	230.00000	57.62500	19.00000	0.0018260	d						
						13.563	230.00000	59.56250	19.00000	0.0018207	d						
						15.500	230.00000	61.50000	19.00000	0.0018137	d						
						17.438	230.00000	63.43750	19.00000	0.0018069	d						
						19.375	230.00000	65.37500	19.00000	0.0017997	d						
						21.313	230.00000	67.31250	19.00000	0.0017921	d						
						23.250	230.00000	69.25000	19.00000	0.0017848	d						
						25.188	230.00000	71.18750	19.00000	0.0017768	d						
						27.125	230.00000	73.12500	19.00000	0.0017671	d						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	Δz
						[m]	[m]	[m]	[mm]	
						29.063	230.00000	75.06250	19.00000	0.0017581 d
						31.000	230.00000	77.00000	19.00000	0.0017486 d
44		Hospital No.3_8	Hospital No.3_8	Hospital No.3_8	0.0	0.0	230.00000	77.00000	19.00000	0.0017486 d
						1.9524	228.04762	77.00000	19.00000	0.0017950 d
						3.9048	226.09524	77.00000	19.00000	0.0018429 d
						5.8571	224.14286	77.00000	19.00000	0.0018925 d
						7.8095	222.19048	77.00000	19.00000	0.0019439 d
						9.7619	220.23810	77.00000	19.00000	0.0019971 d
						11.714	218.28571	77.00000	19.00000	0.0020522 d
						13.667	216.33333	77.00000	19.00000	0.0021093 d
						15.619	214.38095	77.00000	19.00000	0.0021685 d
						17.571	212.42857	77.00000	19.00000	0.0022298 d
						19.524	210.47619	77.00000	19.00000	0.0022934 d
						21.476	208.52381	77.00000	19.00000	0.0023593 d
						23.429	206.57143	77.00000	19.00000	0.0024278 d
						25.381	204.61905	77.00000	19.00000	0.0024988 d
						27.333	202.66667	77.00000	19.00000	0.0025725 d
						29.286	200.71429	77.00000	19.00000	0.0026491 d
						31.238	198.76190	77.00000	19.00000	0.0027286 d
						33.190	196.80952	77.00000	19.00000	0.0028112 d
						35.143	194.85714	77.00000	19.00000	0.0028971 d
						37.095	192.90476	77.00000	19.00000	0.0029864 d
						39.048	190.95238	77.00000	19.00000	0.0030792 d
						41.000	189.00000	77.00000	19.00000	0.0031757 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min
						from Line for										
						Vertical										
						Movement Calculations										
						[m]		[m]	[m]							[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	9.3975	None	649.44E-6	-0.0053524	0.0011191	259.66E-6	51.627E-6	
94510.0	(Negligible)						2	9.3975	18.444	None	0.0019147	24.410E-6	0.0028440	-248.38E-9	-71.213E-6	
74251.0	(Negligible)						3	27.841	7.1587	None	0.0033401	-0.022286	0.0048031	492.78E-6	113.36E-6	
11107.0	(Negligible)															
2				Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	10.361	None	0.0012550	0.0050143	0.0064138	182.68E-6	186.74E-6	
37558.0	(Negligible)						2	10.361	3.6394	None	82.954E-6	0.0025199	0.0025576	-55.937E-6	190.11E-6	
27620.0	(Negligible)															
4				Canal Side Studios_3	Canal Side Studios_3	0.0	All vertical displacements are less than the limit sensitivity.									
41246.0	(Negligible)			Canal Side Studios_4	Canal Side Studios_4	0.0	1	8.0000	1.9322	None	0.0	0.0	35.763E-9	0.0	-195.80E-6	
279410.0	(Negligible)						2	9.9322	10.068	None	210.69E-6	0.018516	0.018746	-218.03E-6	-194.42E-6	
67202.0	(Negligible)			Beaumont Court_1	Beaumont Court_1	0.0	1	0.0	7.8484	None	523.68E-6	0.0	505.58E-6	0.0	-38.551E-6	
6.4521E+6	0	(Negligible)					2	7.8484	10.179	None	14.935E-6	0.0	14.055E-6	0.0	-10.362E-6	
10379.0	(Negligible)			Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	1.8409	None	0.0	0.0	35.763E-9	0.0	192.39E-6	
17525.0	(Negligible)															
7				Beaumont Court_3	Beaumont Court_3	0.0	All vertical displacements are less than the limit sensitivity.									
8				Beaumont Court_4	Beaumont Court_4	0.0	All vertical displacements are less than the limit sensitivity.									
9				Beaumont Court_5	Beaumont Court_5	0.0	All vertical displacements are less than the limit sensitivity.									
10				Beaumont Court_6	Beaumont Court_6	0.0	1	74.169	0.0	None	0.0	0.0	35.763E-9	0.0	-90.020E-6	
11				TP No.1_1	TP No.1_1	0.0	All vertical displacements are less than the limit sensitivity.									
12				TP No.1_2	TP No.1_2	0.0	All vertical displacements are less than the limit sensitivity.									
13				TP No.1_3	TP No.1_3	0.0	All vertical displacements are less than the limit sensitivity.									
14				TP No.1_4	TP No.1_4	0.0	All vertical displacements are less than the limit sensitivity.									
15				TP No.1_5	TP No.1_5	0.0	All vertical displacements are less than the limit sensitivity.									
16				TP No.1_6	TP No.1_6	0.0	All vertical displacements are less than the limit sensitivity.									
17				TP No.1_7	TP No.1_7	0.0	All vertical displacements are less than the limit sensitivity.									
18				TP No.1_8	TP No.1_8	0.0	All vertical displacements are less than the limit sensitivity.									
19				TP No.2_1	TP No.2_1	0.0	All vertical displacements are less than the limit sensitivity.									
20				TP No.2_2	TP No.2_2	0.0	All vertical displacements are less than the limit sensitivity.									
21				TP No.2_3	TP No.2_3	0.0	All vertical displacements are less than the limit sensitivity.									
22				TP No.2_4	TP No.2_4	0.0	All vertical displacements are less than the limit sensitivity.									
23				TP No.3_1	TP No.3_1	0.0	All vertical displacements are less than the limit sensitivity.									
24				TP No.3_2	TP No.3_2	0.0	All vertical displacements are less than the limit sensitivity.									
25				TP No.3_3	TP No.3_3	0.0	All vertical displacements are less than the limit sensitivity.									
26				TP No.3_4	TP No.3_4	0.0	All vertical displacements are less than the limit sensitivity.									
27				Hospital No.1_1	Hospital No.1_1	0.0	All vertical displacements are less than the limit sensitivity.									
28				Hospital No.1_2	Hospital No.1_2	0.0	All vertical displacements are less than the limit sensitivity.									
29				Hospital No.1_3	Hospital No.1_3	0.0	All vertical displacements are less than the limit sensitivity.									
30				Hospital No.1_4	Hospital No.1_4	0.0	All vertical displacements are less than the limit sensitivity.									
31				Hospital No.1_5	Hospital No.1_5	0.0	All vertical displacements are less than the limit sensitivity.									
32				Hospital No.1_6	Hospital No.1_6	0.0	All vertical displacements are less than the limit sensitivity.									
33				Hospital No.2_1	Hospital No.2_1	0.0	All vertical displacements are less than the limit sensitivity.									
34				Hospital No.2_2	Hospital No.2_2	0.0	All vertical displacements are less than the limit sensitivity.									
35				Hospital No.2_3	Hospital No.2_3	0.0	All vertical displacements are less than the limit sensitivity.									
36				Hospital No.2_4	Hospital No.2_4	0.0	All vertical displacements are less than the limit sensitivity.									
37				Hospital No.3_1	Hospital No.3_1	0.0	All vertical displacements are less than the limit sensitivity.									
38				Hospital No.3_2	Hospital No.3_2	0.0	All vertical displacements are less than the limit sensitivity.									
39				Hospital No.3_3	Hospital No.3_3	0.0	All vertical displacements are less than the limit sensitivity.									
40				Hospital No.3_4	Hospital No.3_4	0.0	All vertical displacements are less than the limit sensitivity.									
41				Hospital No.3_5	Hospital No.3_5	0.0	All vertical displacements are less than the limit sensitivity.									
42				Hospital No.3_6	Hospital No.3_6	0.0	All vertical displacements are less than the limit sensitivity.									
43				Hospital No.3_7	Hospital No.3_7	0.0	All vertical displacements are less than the limit sensitivity.									
44				Hospital No.3_8	Hospital No.3_8	0.0	All vertical displacements are less than the limit sensitivity.									

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

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

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Deflection	Average	Max Slope	Max	Max	Max Gradient	Max Gradient	of Min Radius	Min Radius
						from Line for	Ratio	Horizontal Strain		Settlement	Tensile Strain	Horizontal Displacement Curve	Vertical Displacement Curve	of Curvature (Hogging)	of Curvature (Sagging)
						Vertical Movement Calculations									
						[m]	[%]	[%]		[mm]	[%]			[m]	[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	0.0033401	-0.022286	113.36E-6	2.7103	0.0048031	492.78E-6	113.36E-6	-	-
0	(Negligible)														
2				Canal Side Studios_2	Canal Side Studios_2	0.0	0.0012550	0.0050143	190.11E-6	2.4902	0.0064138	182.68E-6	190.11E-6	-	-
0	(Negligible)														
4				Canal Side Studios_4	Canal Side Studios_4	0.0	210.69E-6	0.018516	-195.80E-6	2.6779	0.018746	-218.03E-6	-195.80E-6	-	-
0	(Negligible)														
5				Beaumont Court_1	Beaumont Court_1	0.0	523.68E-6	0.0	-38.551E-6	0.46117	505.58E-6	0.0	-38.551E-6	-	-
0	(Negligible)														
6				Beaumont Court_2	Beaumont Court_2	0.0	0.0	0.0	192.39E-6	0.46117	35.763E-9	0.0	192.39E-6	-	-
0	(Negligible)														
10				Beaumont Court_6	Beaumont Court_6	0.0	0.0	0.0	-90.020E-6	0.22050	35.763E-9	0.0	-90.020E-6	-	-
0	(Negligible)														

Specific Building Damage Results - Critical Segments within Each Building

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max	Max	Min	Min	
						Segment					Settlement	Tensile Strain	Radius of Curvature (Hogging)	Radius of Curvature (Sagging)	
							[m]	[m]			[mm]	[%]	[m]	[m]	
0	Base Model	0		Canal Side Studios_1	Max Slope	Canal Side Studios_1	3	27.841	35.000	Sagging	113.36E-6	2.7103	0.0048031	-	11107.0
(Negligible)					Max Settlement	Canal Side Studios_1	3	27.841	35.000	Sagging	113.36E-6	2.7103	0.0048031	-	11107.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature	Min Radius of Curvature
(Negligible)				Max Tensile Strain	Canal Side Studios_1	3	27.841	35.000	Sagging	113.36E-6	2.7103	0.0048031	- 11107.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)	0		Canal Side Studios_2	Max Slope	Canal Side Studios_2	2	10.361	14.000	Sagging	190.11E-6	0.89133	0.0025576	- 27620.0
(Negligible)				Max Settlement	Canal Side Studios_2	1	0.0	10.361	Sagging	186.74E-6	2.4902	0.0064138	- 37558.0
(Negligible)				Max Tensile Strain	Canal Side Studios_2	1	0.0	10.361	Sagging	186.74E-6	2.4902	0.0064138	- 37558.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
	0		Canal Side Studios_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.									
				All vertical displacements are less than the limit sensitivity.									
(Negligible)	0		Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	8.0000	9.9322	Sagging	195.80E-6	0.79408	35.763E-9	- 41246.0
(Negligible)				Max Settlement	Canal Side Studios_4	2	9.9322	20.000	Sagging	194.42E-6	2.6779	0.018746	- 279410.0
(Negligible)				Max Tensile Strain	Canal Side Studios_4	2	9.9322	20.000	Sagging	194.42E-6	2.6779	0.018746	- 279410.0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)	0		Beaumont Court_1	Max Slope	Beaumont Court_1	1	0.0	7.8484	Sagging	38.551E-6	0.36109	505.58E-6	- 67202.0
(Negligible)				Max Settlement	Beaumont Court_1	2	7.8484	18.028	Sagging	10.362E-6	0.46117	14.055E-6	- 6.4521E+6.0
(Negligible)				Max Tensile Strain	Beaumont Court_1	1	0.0	7.8484	Sagging	38.551E-6	0.36109	505.58E-6	- 67202.0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)	0		Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	1.8409	Sagging	192.39E-6	0.46117	35.763E-9	- 10379.0
(Negligible)				Max Settlement	Beaumont Court_2	1	0.0	1.8409	Sagging	192.39E-6	0.46117	35.763E-9	- 10379.0
(Negligible)				Max Tensile Strain	Beaumont Court_2	1	0.0	1.8409	Sagging	192.39E-6	0.46117	35.763E-9	- 10379.0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
	0		Beaumont Court_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		Beaumont Court_4	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		Beaumont Court_5	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.									
				All vertical displacements are less than the limit sensitivity.									
(Negligible)	0		Beaumont Court_6	Max Slope	Beaumont Court_6	1	74.169	74.169	Sagging	90.020E-6	0.22050	35.763E-9	- 17525.0
(Negligible)				Max Settlement	Beaumont Court_6	1	74.169	74.169	Sagging	90.020E-6	0.22050	35.763E-9	- 17525.0
(Negligible)				Max Tensile Strain	Beaumont Court_6	1	74.169	74.169	Sagging	90.020E-6	0.22050	35.763E-9	- 17525.0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
	0		TP No.1_1	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		TP No.1_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		TP No.1_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		TP No.1_4	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		TP No.1_5	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		TP No.1_6	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		TP No.1_7	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		TP No.1_8	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		TP No.2_1	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		TP No.2_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		TP No.2_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		TP No.2_4	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		TP No.3_1	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.									



PLOT A - Demolition Existing+WALL INST

371654

Made by
MK

Date
11-Aug-2020

Checked

[illegible]



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δy/perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	5.7957	1.9491	-6.5270	90.000
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	5.7331	0.17967	-8.4606	90.000
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	5.6709	0.18046	-8.4978	90.000
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	5.5911	0.18125	-8.5350	90.000
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18204	5.4914	0.18204	-8.5724	90.000
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	5.3753	0.18284	-8.6098	90.000
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	5.2597	0.18364	-8.6473	90.000
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	5.1675	0.18443	-8.6849	90.000
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	5.0967	0.18523	-8.7225	90.000
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	5.0280	0.18603	-8.7603	90.000
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	4.9724	0.18684	-8.7981	90.000
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	4.9687	0.18764	-8.8360	90.000
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	5.0239	0.18845	-8.8740	90.000
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	5.1118	0.18926	-8.9121	90.000
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	5.2193	0.19007	-8.9502	90.000
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	5.3366	0.19088	-8.9884	90.000
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	5.4456	0.19169	-9.0267	90.000
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	5.6022	-2.9486	-5.8175	90.000
				35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	5.7625	-5.5348	-2.2007	90.000
2			Canal Side Studios_2	0.0	6.00000	49.00000	22.00000	2.2007	-5.5348	5.7625	-2.2007	5.5348	180.000
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	5.4863	-3.8355	2.9855	180.000
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	4.7356	-4.0090	1.7143	180.000
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	3.6884	-3.5840	1.0333	180.000
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.5887	-2.9103	0.62661	180.000
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.36128	1.6149	-2.1154	0.36128	180.000
				12.0000	-6.00000	49.00000	22.00000	1.4250	-0.20081	0.87043	-1.4250	0.20081	180.000
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	0.32401	-0.80587	0.096336	180.000
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	0.059702	-0.15972	0.016532	180.000
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.030556	0.0	0.0	180.000
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	180.000
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.035145	0.0	0.0	270.000
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.033385	0.0	0.0	270.000
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.031583	0.0	0.0	270.000
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.029833	0.0	0.0	270.000
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.028136	0.0	0.0	270.000
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.026891	0.0	0.0	270.000
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.025884	0.0	0.0	270.000
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.025283	0.0	0.0	270.000
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.025129	0.0	0.0	270.000
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.025431	0.0	0.0	270.000
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.026168	0.0	0.0	270.000
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.027292	0.0	0.0	270.000
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.028730	0.0	0.0	270.000
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.030393	0.0	0.0	270.000
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.032184	0.0	0.0	270.000
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.034008	0.0	0.0	270.000
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.035774	0.0	0.0	270.000
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.037405	0.0	0.0	270.000
				35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.038840	0.0	0.0	270.000
4			Canal Side Studios_4	0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.038840	0.0	0.0	0.0
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.036128	0.0	0.0	0.0
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	0.036285	0.0017685	60.569E-6	0.0
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.12636	0.73877	0.027827	0.0
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	0.65347	1.4692	0.061841	0.0
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	1.3779	2.1897	0.10522	0.0
				12.0000	-2.00000	14.00000	22.00000	3.2402	0.18309	2.3476	3.2402	0.18309	0.0
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	3.4996	4.2827	0.29736	0.0
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	4.6604	5.3100	0.48657	0.0
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	5.5493	6.2339	0.86336	0.0
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	5.7957	6.5270	1.9491	0.0
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.25463	0.0099846	-0.17972	176.82
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.33747	0.012296	-0.22133	176.82
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.51053	0.072435	-1.3038	176.82
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.53874	0.074746	-1.3454	176.82
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.56157	0.077057	-1.3870	176.82
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.59720	0.079368	-1.4286	176.82
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.62778	0.081680	-1.4702	176.82
				14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.65943	0.083991	-1.5118	176.82
				16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.69227	0.086302	-1.5534	176.82
				18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.72639	0.088613	-1.5950	176.82
6			Beaumont Court_2	0.0	27.00000	1.00000	20.00000	0.0	1.5975	0.72639	-1.5909	-0.14463	264.81
				1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	0.22484	-0.90626	-0.082388	264.81
				3.6818	26.66667	-2.66667	20.0000						

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UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.

371654

Sheet No.

Rev.

Drg. Ref.

Made by

MK

Date

30-Jul-2020

Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	ΔyPerp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	0.017138	0.0	86.135 *
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	0.018019	0.0	86.135 *
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	0.018950	0.0	86.135 *
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	0.019935	0.0	86.135 *
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	0.020976	0.0	86.135 *
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	0.022076	0.0	86.135 *
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	0.023235	0.0	86.135 *
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	0.024455	0.0	86.135 *
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	0.025738	0.0	86.135 *
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	0.027082	0.0	86.135 *
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	0.028486	0.0	86.135 *
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	0.029947	0.0	86.135 *
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	0.031461	0.0	86.135 *
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	0.033019	0.0	86.135 *
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	0.034610	0.0	86.135 *
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	0.036218	0.0	86.135 *
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	0.037823	0.0	86.135 *
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	0.039394	0.0	86.135 *
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	0.040895	0.0	86.135 *
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	0.0424275	0.0	86.135 *
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	0.043969	0.0	86.135 *
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	0.045494	0.0	86.135 *
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	0.047044	0.0	86.135 *
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	0.048592	0.0	86.135 *
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	0.049434	0.0	86.135 *
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	0.049780	0.0	86.135 *
					72.164	44.86486	-2.00000	20.00000	0.0	0.0	0.049044	0.0	86.135 *
					74.169	45.00000	0.00000	20.00000	0.0	0.18000	0.25463	0.17959	86.135 *
					0.0	96.00000	-16.00000	20.00000	0.0	0.0	0.018268	0.0	153.43 *
					1.8634	94.33333	-15.16667	20.00000	0.0	0.0	0.019184	0.0	153.43 *
					3.7268	92.66667	-14.33333	20.00000	0.0	0.0	0.020155	0.0	153.43 *
					5.5902	91.00000	-13.50000	20.00000	0.0	0.0	0.021182	0.0	153.43 *
					7.4536	89.33333	-12.66667	20.00000	0.0	0.0	0.022269	0.0	153.43 *
					9.3169	87.66667	-11.83333	20.00000	0.0	0.0	0.023419	0.0	153.43 *
					11.180	86.00000	-11.00000	20.00000	0.0	0.0	0.024633	0.0	153.43 *
					0.0	86.00000	-11.00000	20.00000	0.0	0.0	0.024633	0.0	243.43 *
					1.8634	85.16667	-12.66667	20.00000	0.0	0.0	0.024404	0.0	243.43 *
					3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.024149	0.0	243.43 *
					5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.023870	0.0	243.43 *
					7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.023568	0.0	243.43 *
					9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.023244	0.0	243.43 *
					11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.022900	0.0	243.43 *
					0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.022900	0.0	155.22 *
					2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.024128	0.0	155.22 *
					4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.025420	0.0	155.22 *
					6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.026775	0.0	155.22 *
					8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.028193	0.0	155.22 *
					10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.029668	0.0	155.22 *
					12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.031197	0.0	155.22 *
					14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.032771	0.0	155.22 *
					0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.032771	0.0	246.50 *
					2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.031967	0.0	246.50 *
					4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.031141	0.0	246.50 *
					6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.030297	0.0	246.50 *
					8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.029439	0.0	246.50 *
					10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.028568	0.0	246.50 *
					12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.027691	0.0	246.50 *
					0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.027691	0.0	333.43 *
					1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.026466	0.0	333.43 *
					3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.025281	0.0	333.43 *
					5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.024140	0.0	333.43 *
					7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.023043	0.0	333.43 *
					9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.021992	0.0	333.43 *
					11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.020985	0.0	333.43 *
					13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.020024	0.0	333.43 *
					15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.019107	0.0	333.43 *
					17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.018234	0.0	333.43 *
					19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.017402	0.0	333.43 *
					21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.016612	0.0	333.43 *
					23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.015860	0.0	333.43 *
					25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.015146	0.0	333.43 *
					27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.014468	0.0	333.43 *
					29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.013824	0.0	333.43 *
					31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.013213	0.0	333.43 *
					33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.012634	0.0	333.43 *
					35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.012084	0.0	333.43 *
					37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.011561	0.0	333.43 *
					39.								



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Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

													Job No.	Sheet No.	Rev.
													371654		
													Drg. Ref.		
													Made by MK	Date 30-Jul-2020	Checked
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	dx	dy	dz	dx//	dyperp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					23.887	128.600000	-43.200000	20.000000	0.0	0.0	0.0067692	0.0	0.0	334.72	*
					25.878	130.400000	-44.050000	20.000000	0.0	0.0	0.0065033	0.0	0.0	334.72	*
					27.868	132.200000	-44.900000	20.000000	0.0	0.0	0.0062505	0.0	0.0	334.72	*
					29.859	134.000000	-45.750000	20.000000	0.0	0.0	0.0060101	0.0	0.0	334.72	*
					31.850	135.800000	-46.600000	20.000000	0.0	0.0	0.0057814	0.0	0.0	334.72	*
					33.840	137.600000	-47.450000	20.000000	0.0	0.0	0.0055661	0.0	0.0	334.72	*
					35.831	139.400000	-48.300000	20.000000	0.0	0.0	0.0053564	0.0	0.0	334.72	*
					37.821	141.200000	-49.150000	20.000000	0.0	0.0	0.0051589	0.0	0.0	334.72	*
					39.812	143.000000	-50.000000	20.000000	0.0	0.0	0.011349	0.0	0.0	334.72	*
	22	TP No.2_4			0.0	143.000000	-50.000000	20.000000	0.0	0.0	0.0049707	0.0	0.0	60.945	*
					2.0591	144.000000	-48.200000	20.000000	0.0	0.0	0.0048894	0.0	0.0	60.945	*
					4.1183	145.000000	-46.400000	20.000000	0.0	0.0	0.0050055	0.0	0.0	60.945	*
					6.1774	146.000000	-44.600000	20.000000	0.0	0.0	0.0050188	0.0	0.0	60.945	*
					8.2365	147.000000	-42.800000	20.000000	0.0	0.0	0.0050294	0.0	0.0	60.945	*
					10.296	148.000000	-41.000000	20.000000	0.0	0.0	0.0050373	0.0	0.0	60.945	*
	23	TP No.3_1			0.0	200.000000	-55.000000	20.000000	0.0	0.0	0.0021196	0.0	0.0	154.44	*
					2.0396	198.160000	-54.120000	20.000000	0.0	0.0	0.0021835	0.0	0.0	154.44	*
					4.0792	196.320000	-53.240000	20.000000	0.0	0.0	0.0022500	0.0	0.0	154.44	*
					6.1188	194.480000	-52.360000	20.000000	0.0	0.0	0.0023192	0.0	0.0	154.44	*
					8.1584	192.640000	-51.480000	20.000000	0.0	0.0	0.0023212	0.0	0.0	154.44	*
					10.198	190.800000	-50.600000	20.000000	0.0	0.0	0.0024661	0.0	0.0	154.44	*
					12.238	188.960000	-49.720000	20.000000	0.0	0.0	0.0025442	0.0	0.0	154.44	*
					14.277	187.120000	-48.840000	20.000000	0.0	0.0	0.0026255	0.0	0.0	154.44	*
					16.317	185.280000	-47.960000	20.000000	0.0	0.0	0.0027103	0.0	0.0	154.44	*
					18.356	183.440000	-47.080000	20.000000	0.0	0.0	0.0027987	0.0	0.0	154.44	*
					20.396	181.600000	-46.200000	20.000000	0.0	0.0	0.0028909	0.0	0.0	154.44	*
					22.436	179.760000	-45.320000	20.000000	0.0	0.0	0.0029871	0.0	0.0	154.44	*
					24.475	177.920000	-44.440000	20.000000	0.0	0.0	0.0030876	0.0	0.0	154.44	*
					26.515	176.080000	-43.560000	20.000000	0.0	0.0	0.0031926	0.0	0.0	154.44	*
					28.555	174.240000	-42.680000	20.000000	0.0	0.0	0.0033222	0.0	0.0	154.44	*
					30.594	172.400000	-41.800000	20.000000	0.0	0.0	0.0034168	0.0	0.0	154.44	*
					32.634	170.560000	-40.920000	20.000000	0.0	0.0	0.0035367	0.0	0.0	154.44	*
					34.673	168.720000	-40.040000	20.000000	0.0	0.0	0.0036621	0.0	0.0	154.44	*
					36.713	166.880000	-39.160000	20.000000	0.0	0.0	0.0037934	0.0	0.0	154.44	*
					38.752	165.040000	-38.280000	20.000000	0.0	0.0	0.0039310	0.0	0.0	154.44	*
					40.792	163.200000	-37.400000	20.000000	0.0	0.0	0.0040750	0.0	0.0	154.44	*
					42.832	161.360000	-36.520000	20.000000	0.0	0.0	0.0042260	0.0	0.0	154.44	*
					44.871	159.520000	-35.640000	20.000000	0.0	0.0	0.0043844	0.0	0.0	154.44	*
					46.911	157.680000	-34.760000	20.000000	0.0	0.0	0.0045506	0.0	0.0	154.44	*
					48.951	155.840000	-33.880000	20.000000	0.0	0.0	0.0047251	0.0	0.0	154.44	*
					50.990	154.000000	-33.000000	20.000000	0.0	0.0	0.0049083	0.0	0.0	154.44	*
	24	TP No.3_2			0.0	154.000000	-33.000000	20.000000	0.0	0.0	0.0049083	0.0	0.0	243.43	*
					1.9166	153.14286	-34.71429	20.000000	0.0	0.0	0.0049058	0.0	0.0	243.43	*
					3.8333	152.28571	-36.42857	20.000000	0.0	0.0	0.0049010	0.0	0.0	243.43	*
					5.7499	151.42857	-38.14286	20.000000	0.0	0.0	0.0048938	0.0	0.0	243.43	*
					7.6665	150.57143	-39.85714	20.000000	0.0	0.0	0.0048844	0.0	0.0	243.43	*
					9.5831	149.71429	-41.57143	20.000000	0.0	0.0	0.0048727	0.0	0.0	243.43	*
					11.500	148.85714	-43.28571	20.000000	0.0	0.0	0.0048587	0.0	0.0	243.43	*
					13.416	148.000000	-45.000000	20.000000	0.0	0.0	0.0048425	0.0	0.0	243.43	*
	25	TP No.3_3			0.0	148.000000	-45.000000	20.000000	0.0	0.0	0.0048425	0.0	0.0	335.46	*
					2.0227	149.840000	-45.840000	20.000000	0.0	0.0	0.0046654	0.0	0.0	335.46	*
					4.0453	151.680000	-46.680000	20.000000	0.0	0.0	0.0044965	0.0	0.0	335.46	*
					6.0680	153.520000	-47.520000	20.000000	0.0	0.0	0.0043354	0.0	0.0	335.46	*
					8.0907	155.360000	-48.360000	20.000000	0.0	0.0	0.0041818	0.0	0.0	335.46	*
					10.113	157.200000	-49.200000	20.000000	0.0	0.0	0.0040351	0.0	0.0	335.46	*
					12.136	159.040000	-50.040000	20.000000	0.0	0.0	0.0038950	0.0	0.0	335.46	*
					14.159	160.880000	-50.880000	20.000000	0.0	0.0	0.0037612	0.0	0.0	335.46	*
					16.181	162.720000	-51.720000	20.000000	0.0	0.0	0.0036333	0.0	0.0	335.46	*
					18.204	164.560000	-52.560000	20.000000	0.0	0.0	0.0035110	0.0	0.0	335.46	*
					20.227	166.400000	-53.400000	20.000000	0.0	0.0	0.0033940	0.0	0.0	335.46	*
					22.249	168.240000	-54.240000	20.000000	0.0	0.0	0.0032820	0.0	0.0	335.46	*
					24.272	170.080000	-55.080000	20.000000	0.0	0.0	0.0031748	0.0	0.0	335.46	*
					26.295	171.920000	-55.920000	20.000000	0.0	0.0	0.0030721	0.0	0.0	335.46	*
					28.317	173.760000	-56.760000	20.000000	0.0	0.0	0.0029736	0.0	0.0	335.46	*
					30.340	175.600000	-57.600000	20.000000	0.0	0.0	0.0028793	0.0	0.0	335.46	*
					32.363	177.440000	-58.440000	20.000000	0.0	0.0	0.0027888	0.0	0.0	335.46	*
					34.385	179.280000	-59.280000	20.000000	0.0	0.0	0.0027020	0.0	0.0	335.46	*
					36.408	181.120000	-60.120000	20.000000	0.0	0.0	0.0026187	0.0	0.0	335.46	*
					38.431	182.960000	-60.960000	20.000000	0.0	0.0	0.0025388	0.0	0.0	335.46	*
					40.453	184.800000	-61.800000	20.000000	0.0	0.0	0.0024620	0.0	0.0	335.46	*
					42.476	186.640000	-62.640000	20.000000	0.0	0.0	0.0023882	0.0	0.0	335.46	*
					44.499	188.480000	-63.480000	20.000000	0.0	0.0	0.0023173	0.0	0.0	335.46	*
					46.521	190.320000	-64.320000	20.000000	0.0	0.0	0.0022491	0.0	0.0	335.46	*
					48.544	192.160000	-65.160000	20.000000	0.0	0.0	0.0021835	0.0	0.0	335.46	*
	26	TP No.3_4			50.567	194.000000	-66.000000	20.000000	0.0	0.0	0.0021204	0.0	0.0	61.390	*
					0.0	194.000000	-66.000000	20.000000	0.0	0.0	0.0021204	0.0	0.0	61.390	*
					2.0883	195.000000	-64.16667	20.000000	0.0	0.0	0.0021220	0.0	0.0	61.390	*
					4.1767	196.000000	-62.33333	20.000000	0.0	0.0	0.0021229	0.0	0.0	61.390	*
					6.2650	197.000000	-60.50000	20.000000	0.0	0.0	0.0021231	0.0	0.0	61.390	*
					8.3533	198.000000	-58.66667	20.000000	0.0	0.0	0.0021226	0.0	0.0	61.390	*
					10.442	199.000000	-56.83333	20.000000	0.0	0.0	0.0021214	0.0	0.0	61.390	*
					12.530	200.000000	-55.00000	20.000000	0.0	0.0	0.0021196	0.0	0.0	61.390	*



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Oasys													Job No.	Sheet No.	Rev.
													371654		
UBB, London															
Building Damage Assessment													Drg. Ref.		
PLOT A - Demolition Existing+WALL INST+EXC													Made by MK	Date 30-Jul-2020	Checked
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	dx	dy	dz	dx//	dyperp.	Angle		
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
				11.500	200.50000	-19.00000	19.00000	0.0	0.0	0.0025665	0.0	0.0	180.00	*	
				13.417	198.58333	-19.00000	19.00000	0.0	0.0	0.0026405	0.0	0.0	180.00	*	
				15.333	196.66667	-19.00000	19.00000	0.0	0.0	0.0027172	0.0	0.0	180.00	*	
				17.250	194.75000	-19.00000	19.00000	0.0	0.0	0.0027967	0.0	0.0	180.00	*	
				19.167	192.83333	-19.00000	19.00000	0.0	0.0	0.0028793	0.0	0.0	180.00	*	
				21.083	190.91667	-19.00000	19.00000	0.0	0.0	0.0029649	0.0	0.0	180.00	*	
				23.000	189.00000	-19.00000	19.00000	0.0	0.0	0.0030539	0.0	0.0	180.00	*	
	33		Hospital No.2_1	0.0	189.00000	37.00000	19.00000	0.0	0.0	0.0034889	0.0	0.0	270.00	*	
				2.0000	189.00000	35.00000	19.00000	0.0	0.0	0.0034909	0.0	0.0	270.00	*	
				4.0000	189.00000	33.00000	19.00000	0.0	0.0	0.0034914	0.0	0.0	270.00	*	
				6.0000	189.00000	31.00000	19.00000	0.0	0.0	0.0034905	0.0	0.0	270.00	*	
				8.0000	189.00000	29.00000	19.00000	0.0	0.0	0.0034881	0.0	0.0	270.00	*	
				10.000	189.00000	27.00000	19.00000	0.0	0.0	0.0034844	0.0	0.0	270.00	*	
				12.000	189.00000	25.00000	19.00000	0.0	0.0	0.0034792	0.0	0.0	270.00	*	
				14.000	189.00000	23.00000	19.00000	0.0	0.0	0.0034726	0.0	0.0	270.00	*	
				16.000	189.00000	21.00000	19.00000	0.0	0.0	0.0034646	0.0	0.0	270.00	*	
				18.000	189.00000	19.00000	19.00000	0.0	0.0	0.0034553	0.0	0.0	270.00	*	
				20.000	189.00000	17.00000	19.00000	0.0	0.0	0.0034446	0.0	0.0	270.00	*	
				22.000	189.00000	15.00000	19.00000	0.0	0.0	0.0034325	0.0	0.0	270.00	*	
				24.000	189.00000	13.00000	19.00000	0.0	0.0	0.0034192	0.0	0.0	270.00	*	
				26.000	189.00000	11.00000	19.00000	0.0	0.0	0.0034046	0.0	0.0	270.00	*	
				28.000	189.00000	9.00000	19.00000	0.0	0.0	0.0033887	0.0	0.0	270.00	*	
				30.000	189.00000	7.00000	19.00000	0.0	0.0	0.0033715	0.0	0.0	270.00	*	
				32.000	189.00000	5.00000	19.00000	0.0	0.0	0.0033532	0.0	0.0	270.00	*	
	34		Hospital No.2_2	0.0	189.00000	5.00000	19.00000	0.0	0.0	0.0033532	0.0	0.0	0.0	*	
				2.0000	191.00000	5.00000	19.00000	0.0	0.0	0.0032450	0.0	0.0	0.0	*	
				4.0000	193.00000	5.00000	19.00000	0.0	0.0	0.0031414	0.0	0.0	0.0	*	
				6.0000	195.00000	5.00000	19.00000	0.0	0.0	0.0030419	0.0	0.0	0.0	*	
				8.0000	197.00000	5.00000	19.00000	0.0	0.0	0.0029466	0.0	0.0	0.0	*	
				10.000	199.00000	5.00000	19.00000	0.0	0.0	0.0028551	0.0	0.0	0.0	*	
				12.000	201.00000	5.00000	19.00000	0.0	0.0	0.002762	0.0	0.0	0.0	*	
				14.000	203.00000	5.00000	19.00000	0.0	0.0	0.0026828	0.0	0.0	0.0	*	
				16.000	205.00000	5.00000	19.00000	0.0	0.0	0.0026018	0.0	0.0	0.0	*	
				18.000	207.00000	5.00000	19.00000	0.0	0.0	0.0025239	0.0	0.0	0.0	*	
				20.000	209.00000	5.00000	19.00000	0.0	0.0	0.0024490	0.0	0.0	0.0	*	
				22.000	211.00000	5.00000	19.00000	0.0	0.0	0.0023770	0.0	0.0	0.0	*	
				24.000	213.00000	5.00000	19.00000	0.0	0.0	0.0023077	0.0	0.0	0.0	*	
				26.000	215.00000	5.00000	19.00000	0.0	0.0	0.0022410	0.0	0.0	0.0	*	
				28.000	217.00000	5.00000	19.00000	0.0	0.0	0.0021769	0.0	0.0	0.0	*	
				30.000	219.00000	5.00000	19.00000	0.0	0.0	0.0021151	0.0	0.0	0.0	*	
				32.000	221.00000	5.00000	19.00000	0.0	0.0	0.0020555	0.0	0.0	0.0	*	
				34.000	223.00000	5.00000	19.00000	0.0	0.0	0.0019982	0.0	0.0	0.0	*	
				36.000	225.00000	5.00000	19.00000	0.0	0.0	0.0019429	0.0	0.0	0.0	*	
	35		Hospital No.2_3	0.0	225.00000	5.00000	19.00000	0.0	0.0	0.0019429	0.0	0.0	90.00	*	
				2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.0019503	0.0	0.0	90.00	*	
				4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.0019572	0.0	0.0	90.00	*	
				6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0019636	0.0	0.0	90.00	*	
				8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0019695	0.0	0.0	90.00	*	
				10.000	225.00000	15.00000	19.00000	0.0	0.0	0.0019748	0.0	0.0	90.00	*	
				12.000	225.00000	17.00000	19.00000	0.0	0.0	0.0019796	0.0	0.0	90.00	*	
				14.000	225.00000	19.00000	19.00000	0.0	0.0	0.0019839	0.0	0.0	90.00	*	
				16.000	225.00000	21.00000	19.00000	0.0	0.0	0.0019876	0.0	0.0	90.00	*	
				18.000	225.00000	23.00000	19.00000	0.0	0.0	0.0019908	0.0	0.0	90.00	*	
				20.000	225.00000	25.00000	19.00000	0.0	0.0	0.0019934	0.0	0.0	90.00	*	
				22.000	225.00000	27.00000	19.00000	0.0	0.0	0.0019955	0.0	0.0	90.00	*	
				24.000	225.00000	29.00000	19.00000	0.0	0.0	0.0019970	0.0	0.0	90.00	*	
				26.000	225.00000	31.00000	19.00000	0.0	0.0	0.0019979	0.0	0.0	90.00	*	
				28.000	225.00000	33.00000	19.00000	0.0	0.0	0.0019983	0.0	0.0	90.00	*	
				30.000	225.00000	35.00000	19.00000	0.0	0.0	0.0019981	0.0	0.0	90.00	*	
				32.000	225.00000	37.00000	19.00000	0.0	0.0	0.0019973	0.0	0.0	90.00	*	
	36		Hospital No.2_4	0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0019973	0.0	0.0	180.00	*	
				2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0020552	0.0	0.0	180.00	*	
				4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0021153	0.0	0.0	180.00	*	
				6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0021778	0.0	0.0	180.00	*	
				8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0022427	0.0	0.0	180.00	*	
				10.000	215.00000	37.00000	19.00000	0.0	0.0	0.0023101	0.0	0.0	180.00	*	
				12.000	213.00000	37.00000	19.00000	0.0	0.0	0.0023803	0.0	0.0	180.00	*	
				14.000	211.00000	37.00000	19.00000	0.0	0.0	0.0024532	0.0	0.0	180.00	*	
				16.000	209.00000	37.00000	19.00000	0.0	0.0	0.0025291	0.0	0.0	180.00	*	
				18.000	207.00000	37.00000	19.00000	0.0	0.0	0.0026082	0.0	0.0	180.00	*	
				20.000	205.00000	37.00000	19.00000	0.0	0.0	0.0026					



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Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	dx	dy	dz	dx//	dyperp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.0018069	0.0	0.0	90.000	*
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.0017997	0.0	0.0	90.000	*
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.0017921	0.0	0.0	90.000	*
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.0017842	0.0	0.0	90.000	*
					25.188	230.00000	71.18750	19.00000	0.0	0.0	0.0017758	0.0	0.0	90.000	*
					27.125	230.00000	73.12500	19.00000	0.0	0.0	0.0017671	0.0	0.0	90.000	*
					29.063	230.00000	75.06250	19.00000	0.0	0.0	0.0017581	0.0	0.0	90.000	*
					31.000	230.00000	77.00000	19.00000	0.0	0.0	0.0017486	0.0	0.0	90.000	*
	44		Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	0.0017486	0.0	0.0	180.00	*
					1.9524	228.04762	77.00039	19.00000	0.0	0.0	0.0017950	0.0	0.0	180.00	*
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	0.0018429	0.0	0.0	180.00	*
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	0.0018925	0.0	0.0	180.00	*
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	0.0019439	0.0	0.0	180.00	*
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	0.0019971	0.0	0.0	180.00	*
					11.714	218.28571	77.00000	19.00000	0.0	0.0	0.0020522	0.0	0.0	180.00	*
					13.667	216.33333	77.00000	19.00000	0.0	0.0	0.0021093	0.0	0.0	180.00	*
					15.619	214.38095	77.00000	19.00000	0.0	0.0	0.0021685	0.0	0.0	180.00	*
					17.571	212.42857	77.00000	19.00000	0.0	0.0	0.0022298	0.0	0.0	180.00	*
					19.524	210.47619	77.00000	19.00000	0.0	0.0	0.0022934	0.0	0.0	180.00	*
					21.476	208.52381	77.00000	19.00000	0.0	0.0	0.0023593	0.0	0.0	180.00	*
					23.429	206.57143	77.00000	19.00000	0.0	0.0	0.0024278	0.0	0.0	180.00	*
					25.381	204.61905	77.00000	19.00000	0.0	0.0	0.0024988	0.0	0.0	180.00	*
					27.333	202.66667	77.00000	19.00000	0.0	0.0	0.0025725	0.0	0.0	180.00	*
					29.286	200.71429	77.00000	19.00000	0.0	0.0	0.0026491	0.0	0.0	180.00	*
					31.238	198.76190	77.00000	19.00000	0.0	0.0	0.0027286	0.0	0.0	180.00	*
					33.190	196.80952	77.00000	19.00000	0.0	0.0	0.0028112	0.0	0.0	180.00	*
					35.143	194.85714	77.00000	19.00000	0.0	0.0	0.0028971	0.0	0.0	180.00	*
					37.095	192.90476	77.00000	19.00000	0.0	0.0	0.0029863	0.0	0.0	180.00	*
					39.048	190.95238	77.00000	19.00000	0.0	0.0	0.0030792	0.0	0.0	180.00	*
					41.000	189.00000	77.00000	19.00000	0.0	0.0	0.0031757	0.0	0.0	180.00	*
	45		Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	0.036301	0.0	0.0	358.75	*
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	0.037633	0.0	0.0	358.75	*
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	0.038862	0.0	0.0	358.75	*
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	0.039939	0.0	0.0	358.75	*
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	0.040800	0.0	0.0	358.75	*
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	0.041369	0.0	0.0	358.75	*
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	0.041548	0.0	0.0	358.75	*
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	0.041221	0.0	0.0	358.75	*
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	0.040250	0.0	0.0	358.75	*
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	0.039467	0.0	0.0	358.75	*
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	0.038682	0.0	0.0	358.75	*
					22.005	-8.00000	11.52174	21.00000	0.56407	0.084968	0.11957	0.56209	0.097207	358.75	*
					24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	0.55451	1.1782	0.23422	358.75	*
					26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	1.2119	1.7464	0.40971	358.75	*
					28.007	-2.00000	11.39130	21.00000	2.4668	0.65090	2.0849	2.4521	0.70435	358.75	*
					30.007	0.00000	11.34783	21.00000	3.1001	1.0758	3.1235	3.0759	1.1429	358.75	*
					32.008	2.00000	11.30435	21.00000	3.4879	1.7373	4.1854	3.4494	1.8127	358.75	*
					34.008	4.00000	11.26087	21.00000	3.3833	2.8393	5.0644	3.3208	2.9122	358.75	*
					36.009	6.00000	11.21739	21.00000	2.3032	4.7164	5.5728	2.2001	4.7653	358.75	*
					38.009	8.00000	11.17391	21.00000	0.0	0.0	0.039467	-0.15858	7.2945	358.75	*
					40.009	10.00000	11.13043	21.00000	0.0	0.0	0.038682	-0.15792	7.2644	358.75	*
					42.010	12.00000	11.08696	21.00000	0.0	0.0	0.037632	-0.15727	7.2344	358.75	*
					44.010	14.00000	11.04348	21.00000	0.0	0.0	0.036682	-0.15662	7.2045	358.75	*
					46.011	16.00000	11.00000	21.00000	0.0	0.0	0.035732	-0.15597	7.1746	358.75	*
					48.011	18.00000	10.95652	21.00000	0.0	0.0	0.034782	-0.15532	7.1448	358.75	*
					50.012	20.00000	10.91304	21.00000	0.0	0.0	0.033832	-0.15467	7.1150	358.75	*
					52.012	22.00000	10.86957	21.00000	0.0	0.0	0.032882	-0.15403	7.0854	358.75	*
					54.013	24.00000	10.82609	21.00000	0.0	0.0	0.031932	-0.15339	7.0557	358.75	*
					56.013	26.00000	10.78261	21.00000	0.0	0.0	0.030982	-0.15274	7.0262	358.75	*
					58.014	28.00000	10.73913	21.00000	0.0	0.0	0.030032	-0.15210	6.9967	358.75	*
					60.014	30.00000	10.69565	21.00000	0.0	0.0	0.029082	-0.15146	6.9672	358.75	*
					62.015	32.00000	10.65217	21.00000	0.0	0.0	0.028132	-0.15082	6.9378	358.75	*
					64.015	34.00000	10.60870	21.00000	0.0	0.0	0.027182	-0.15018	6.9085	358.75	*
					66.016	36.00000	10.56522	21.00000	0.0	0.0	0.026232	-0.14955	6.8792	358.75	*
					68.016	38.00000	10.52174	21.00000	0.0	0.0	0.025282	-0.14891	6.8500	358.75	*
					70.017	40.00000	10.47826	21.00000	0.0	0.0	0.024332	-0.14828	6.8209	358.75	*
					72.017	42.00000	10.43478	21.00000	0.0	0.0	0.023382	-0.14765	6.7918	358.75	*
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					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					6.0052	179.750000	84.000000	21.500000	0.0	0.0	0.00335653	0.0	0.0	267.61	*
					8.0069	179.666667	82.000000	21.500000	0.0	0.0	0.0036073	0.0	0.0	267.61	*
					10.009	179.58333	80.000000	21.500000	0.0	0.0	0.0036486	0.0	0.0	267.61	*
					12.010	179.500000	78.000000	21.500000	0.0	0.0	0.0036891	0.0	0.0	267.61	*
					14.012	179.41667	76.000000	21.500000	0.0	0.0	0.0037288	0.0	0.0	267.61	*
					16.014	179.33333	74.000000	21.500000	0.0	0.0	0.0037675	0.0	0.0	267.61	*
					18.016	179.250000	72.000000	21.500000	0.0	0.0	0.0038053	0.0	0.0	267.61	*
					20.017	179.16667	70.000000	21.500000	0.0	0.0	0.0038420	0.0	0.0	267.61	*
					22.019	179.08333	68.000000	21.500000	0.0	0.0	0.0038776	0.0	0.0	267.61	*
					24.021	179.000000	66.000000	21.500000	0.0	0.0	0.0039121	0.0	0.0	267.61	*
					26.023	178.91667	64.000000	21.500000	0.0	0.0	0.0039453	0.0	0.0	267.61	*
					28.024	178.83333	62.000000	21.500000	0.0	0.0	0.0039771	0.0	0.0	267.61	*
					30.026	178.750000	60.000000	21.500000	0.0	0.0	0.0040076	0.0	0.0	267.61	*
					32.028	178.66667	58.000000	21.500000	0.0	0.0	0.0040367	0.0	0.0	267.61	*
					34.030	178.58333	56.000000	21.500000	0.0	0.0	0.0040643	0.0	0.0	267.61	*
					36.031	178.500000	54.000000	21.500000	0.0	0.0	0.0040904	0.0	0.0	267.61	*
					38.033	178.41667	52.000000	21.500000	0.0	0.0	0.0041148	0.0	0.0	267.61	*
					40.035	178.33333	50.000000	21.500000	0.0	0.0	0.0041376	0.0	0.0	267.61	*
					42.036	178.250000	48.000000	21.500000	0.0	0.0	0.0041587	0.0	0.0	267.61	*
					44.038	178.16667	46.000000	21.500000	0.0	0.0	0.0041780	0.0	0.0	267.61	*
					46.040	178.08333	44.000000	21.500000	0.0	0.0	0.0041956	0.0	0.0	267.61	*
					48.042	178.000000	42.000000	21.500000	0.0	0.0	0.0042113	0.0	0.0	267.61	*
					50.043	177.91667	40.000000	21.500000	0.0	0.0	0.0042251	0.0	0.0	267.61	*
					52.045	177.83333	38.000000	21.500000	0.0	0.0	0.0042371	0.0	0.0	267.61	*
					54.047	177.750000	36.000000	21.500000	0.0	0.0	0.0042471	0.0	0.0	267.61	*
					56.049	177.66667	34.000000	21.500000	0.0	0.0	0.0042552	0.0	0.0	267.61	*
					58.050	177.58333	32.000000	21.500000	0.0	0.0	0.0042613	0.0	0.0	267.61	*
					60.052	177.500000	30.000000	21.500000	0.0	0.0	0.0042654	0.0	0.0	267.61	*
					62.054	177.41667	28.000000	21.500000	0.0	0.0	0.0042676	0.0	0.0	267.61	*
					64.056	177.33333	26.000000	21.500000	0.0	0.0	0.0042677	0.0	0.0	267.61	*
					66.057	177.250000	24.000000	21.500000	0.0	0.0	0.0042658	0.0	0.0	267.61	*
					68.059	177.16667	22.000000	21.500000	0.0	0.0	0.0042620	0.0	0.0	267.61	*
					70.061	177.08333	20.000000	21.500000	0.0	0.0	0.0042562	0.0	0.0	267.61	*
					72.062	177.000000	18.000000	21.500000	0.0	0.0	0.0042484	0.0	0.0	267.61	*
					74.064	176.91667	16.000000	21.500000	0.0	0.0	0.0042386	0.0	0.0	267.61	*
					76.066	176.83333	14.000000	21.500000	0.0	0.0	0.0042269	0.0	0.0	267.61	*
					78.068	176.750000	12.000000	21.500000	0.0	0.0	0.0042133	0.0	0.0	267.61	*
					80.069	176.66667	10.000000	21.500000	0.0	0.0	0.0041979	0.0	0.0	267.61	*
					82.071	176.58333	8.000000	21.500000	0.0	0.0	0.0041806	0.0	0.0	267.61	*
					84.073	176.500000	6.000000	21.500000	0.0	0.0	0.0041615	0.0	0.0	267.61	*
					86.075	176.41667	4.000000	21.500000	0.0	0.0	0.0041406	0.0	0.0	267.61	*
					88.076	176.33333	2.000000	21.500000	0.0	0.0	0.0041180	0.0	0.0	267.61	*
					90.078	176.250000	0.000000	21.500000	0.0	0.0	0.0040938	0.0	0.0	267.61	*
					92.080	176.16667	-2.000000	21.500000	0.0	0.0	0.0040679	0.0	0.0	267.61	*
					94.082	176.08333	-4.000000	21.500000	0.0	0.0	0.0040405	0.0	0.0	267.61	*
					96.083	176.000000	-6.000000	21.500000	0.0	0.0	0.0040115	0.0	0.0	267.61	*
					98.085	175.91667	-8.000000	21.500000	0.0	0.0	0.0039812	0.0	0.0	267.61	*
					100.09	175.83333	-10.000000	21.500000	0.0	0.0	0.0039494	0.0	0.0	267.61	*
					102.09	175.750000	-12.000000	21.500000	0.0	0.0	0.0039163	0.0	0.0	267.61	*
					104.09	175.66667	-14.000000	21.500000	0.0	0.0	0.0038820	0.0	0.0	267.61	*
					106.09	175.58333	-16.000000	21.500000	0.0	0.0	0.0038465	0.0	0.0	267.61	*
					108.09	175.500000	-18.000000	21.500000	0.0	0.0	0.0038098	0.0	0.0	267.61	*
					110.10	175.41667	-20.000000	21.500000	0.0	0.0	0.0037721	0.0	0.0	267.61	*
					112.10	175.33333	-22.000000	21.500000	0.0	0.0	0.0037334	0.0	0.0	267.61	*
					114.10	175.250000	-24.000000	21.500000	0.0	0.0	0.0036937	0.0	0.0	267.61	*
					116.10	175.16667	-26.000000	21.500000	0.0	0.0	0.0036532	0.0	0.0	267.61	*
					118.10	175.08333	-28.000000	21.500000	0.0	0.0	0.0036120	0.0	0.0	267.61	*
					120.10	175.000000	-30.000000	21.500000	0.0	0.0	0.0035699	0.0	0.0	267.61	*
48		RW_1			0.0	0.000000	63.000000	22.000000	0.0	0.0	0.032055	0.0	0.0	7.8831	*
					1.9885	1.96970	63.27273	22.000000	0.014164	-0.059564	0.047653	0.0058611	-0.060944	7.8831	*
					3.9770	3.93939	63.54545	22.000000	0.019009	-0.13749	0.058750	-28.7432E-6	-0.13880	7.8831	*
					5.9655	5.90909	63.81818	22.000000	0.007812	-0.14799	0.055651	-0.012560	-0.14767	7.8831	*
					7.9540	7.87879	64.09091	22.000000	0.0	-0.074659	0.039038	-0.010240	-0.073954	7.8831	*
					9.9424	9.84848	64.36364	22.000000	0.0	0.0	0.017922	0.0	0.0	7.8831	*
					11.931	11.81818	64.63636	22.000000	0.0	0.0	0.015571	0.0	0.0	7.8831	*
					13.919	13.78788	64.90909	22.000000	0.0	0.0	0.013657	0.0	0.0	7.8831	*

Oasys UBB, London Building Damage Assessment PLOT A - Demolition Existing+WALL INST+EXC												Job No.	Sheet No.	Rev.
												371654		
												Drg. Ref.		
												Made by MK Date 30-Jul-2020 Checked		
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δyperp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
					98.039	156.52830	107.13208	22.00000	0.0	0.0	0.0044105	0.0	0.0	20.999 *
					100.04	158.39623	107.84906	22.00000	0.0	0.0	0.0042554	0.0	0.0	20.999 *
					102.04	160.26415	108.56604	22.00000	0.0	0.0	0.0041074	0.0	0.0	20.999 *
					104.04	162.13208	109.28302	22.00000	0.0	0.0	0.0039659	0.0	0.0	20.999 *
					106.04	164.00000	110.00000	22.00000	0.0	0.0	0.0038307	0.0	0.0	20.999 *
					0.0	5.99000	50.78000	21.50000	1.1914	-5.4180	5.1254	1.2394	-5.4072	359.49 *
	50		canal wall L1		2.0944	8.08429	50.76143	21.50000	0.0	-6.7736	5.3617	0.060063	-6.7733	359.49 *
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	5.3146	0.060173	-6.7857	359.49 *
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	5.2659	0.060284	-6.7981	359.49 *
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	5.2184	0.060394	-6.8106	359.49 *
					10.472	16.46143	50.68714	21.50000	0.0	-6.8233	5.1748	0.060504	-6.8230	359.49 *
					12.566	18.55571	50.66857	21.50000	-0.25825	-6.8236	5.1365	-0.19773	-6.8256	359.49 *
					14.661	20.65000	50.65000	21.50000	-0.51995	-6.7202	5.0454	-0.46034	-6.7246	359.49 *
	51		canal wall L2		0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	5.0454	0.41602	-6.7274	352.04 *
					2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	5.0435	0.42122	-6.8116	352.04 *
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	5.0456	0.42646	-6.8963	352.04 *
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	5.0526	0.43172	-6.9814	352.04 *
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	5.0652	0.43702	-7.0670	352.04 *
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	5.0848	0.44234	-7.1531	352.04 *
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	5.1141	0.44770	-7.2397	352.04 *
					14.317	34.82889	48.66667	21.50000	-0.56667	-7.3190	5.1561	0.45309	-7.3269	352.04 *
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	5.2162	0.45851	-7.4145	352.04 *
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	5.3014	0.46396	-7.5027	352.04 *
	52		canal wall L3		0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	5.3014	-1.0488	-7.4435	3.5959 *
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2955	5.3605	-1.0209	-7.2458	3.5959 *
					4.1056	42.97750	48.35750	21.50000	-0.57022	-5.8482	4.6030	-0.50355	-5.8202	3.5959 *
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	3.8559	-0.40249	-5.0841	3.5959 *
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	3.3668	-0.33341	-4.5672	3.5959 *
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	3.0660	-0.29113	-4.2404	3.5959 *
					12.317	51.17250	48.87250	21.50000	-0.01084	-4.0299	2.8615	-0.26422	-4.0213	3.5959 *
					14.370	53.22125	49.00125	21.50000	-1.2884	-2.8090	3.1138	-1.4720	-2.7221	3.5959 *
					16.422	55.27000	49.13000	21.50000	-1.9790	-1.8105	2.9005	-2.0887	-1.6828	3.5959 *
	53		canal wall L4		0.0	55.27000	49.13000	21.50000	-1.9790	-1.8105	2.9005	-2.4900	-0.99726	20.627 *
					1.9865	57.12918	49.82984	21.50000	-1.7676	-1.2335	2.0611	-2.0889	-0.53168	20.627 *
					3.9731	58.98936	50.52967	21.50000	-1.3235	-0.80636	1.3108	-1.5228	-0.28840	20.627 *
					5.9596	60.84754	51.22951	21.50000	-0.76035	-0.46113	0.80228	-0.87405	-0.16371	20.627 *
					7.9461	62.70672	51.92934	21.50000	-0.27874	-0.16461	0.46553	-0.31886	-0.055857	20.627 *
					9.9327	64.56590	52.62918	21.50000	0.0	0.0	0.15456	0.0	0.0	20.627 *
					11.919	66.42508	53.32902	21.50000	0.0	0.0	0.060653	0.0	0.0	20.627 *
					13.906	68.28426	54.02885	21.50000	0.0	0.0	0.056187	0.0	0.0	20.627 *
					15.892	70.14344	54.72869	21.50000	0.0	0.0	0.053248	0.0	0.0	20.627 *
					17.879	72.00262	55.42852	21.50000	0.0	0.0	0.049980	0.0	0.0	20.627 *
					19.865	73.86180	56.12836	21.50000	0.0	0.0	0.046947	0.0	0.0	20.627 *
					21.852	75.72098	56.82820	21.50000	0.0	0.0	0.044123	0.0	0.0	20.627 *
					23.838	77.58016	57.52803	21.50000	0.0	0.0	0.041414	0.0	0.0	20.627 *
					25.825	79.43934	58.22787	21.50000	0.0	0.0	0.039035	0.0	0.0	20.627 *
					27.811	81.29852	58.92770	21.50000	0.0	0.0	0.036743	0.0	0.0	20.627 *
					29.798	83.15770	59.62754	21.50000	0.0	0.0	0.034603	0.0	0.0	20.627 *
					31.785	85.01689	60.32738	21.50000	0.0	0.0	0.032606	0.0	0.0	20.627 *
					33.771	86.87607	61.02721	21.50000	0.0	0.0	0.030740	0.0	0.0	20.627 *
					35.758	88.73525	61.72705	21.50000	0.0	0.0	0.028999	0.0	0.0	20.627 *
					37.744	90.59443	62.42689	21.50000	0.0	0.0	0.027372	0.0	0.0	20.627 *
					39.731	92.45361	63.12672	21.50000	0.0	0.0	0.025851	0.0	0.0	20.627 *
					41.717	94.31279	63.82656	21.50000	0.0	0.0	0.024431	0.0	0.0	20.627 *
					43.704	96.17197	64.52639	21.50000	0.0	0.0	0.023102	0.0	0.0	20.627 *
					45.690	98.03115	65.22623	21.50000	0.0	0.0	0.021860	0.0	0.0	20.627 *
					47.677	99.89033	65.92607	21.50000	0.0	0.0	0.020697	0.0	0.0	20.627 *
					49.663	101.74951	66.62590	21.50000	0.0	0.0	0.019609	0.0	0.0	20.627 *
					51.650	103.60869	67.32574	21.50000	0.0	0.0	0.018589	0.0	0.0	20.627 *
					53.636	105.46787	68.02557	21.50000	0.0	0.0	0.017634	0.0	0.0	20.627 *
					55.623	107.32705	68.72541	21.50000	0.0	0.0	0.016738	0.0	0.0	20.627 *
					57.610	109.18623	69.42525	21.50000	0.0	0.0	0.015897	0.0	0.0	20.627 *
					59.596	111.04541	70.12508	21.50000	0.0	0.0	0.015109	0.0	0.0	20.627 *
					61.583	112.90459	70.82492	21.50000	0.0	0.0	0.014368	0.0	0.0	20.627 *
					63.569	114.76377	71.52475	21.50000	0.0	0.0	0.013672	0.0	0.0	20.627 *
					65.556	116.62295	72.22459	21.50000	0.0	0.0	0.013017	0.0	0.0	20.627 *
					67.542	118.48213	72.92443	21.50000	0.0	0.0	0.012401	0.0	0.0	20.627 *
					69.529	120.34131	73.62426	21.50000	0.0	0.0	0.011822	0.0	0.0	20.627 *
					71.515	122.20049	74.32410	21.50000	0.0	0.0	0.011276	0.0	0.0	20.627 *
					73.502	124.05967	75.02393	21.50000	0.0	0.0	0.010761	0.0	0.0	20.627 *
					75.488	125.91885	75.72377	21.50000	0.0	0.0	0.010276	0.0	0.0	20.627 *
					77.475	127.77803	76.42361	21.50000	0.0	0.0	0.0098178	0.0	0.0	20.627 *
					79.461	129.63721	77.12344	21.50000	0.0	0.0	0.0093854	0.0	0.0	20.627 *
					81.448	131.49639	77.82328	21.50000	0.0	0.0	0.0089770	0.0	0.0	20.627 *
					83.434	133.35557	78.52311	21.50000	0.0	0.0	0.0085909	0.0	0.0	20.627 *
					85.421	135.21475	79.22295	21.50000	0.0	0.0	0.0082257	0.0	0.0	20.627 *
					87.408	137.07393	79.92279	21.50000	0.0	0.0	0.0078801	0.0	0.0	20.627 *
					89.394	138.93311	80.62262	21.50000	0.0	0.0	0.0075529	0.0	0.0	20.627 *
					91.381	140.79230	81.32246	21.50000	0.0	0.0	0.0072429	0.0	0.0	20.627 *
					93.367	142.65148	82.02230	21.50000	0.0	0.0	0.0069490	0.0	0.0	20.627 *
					95.354	144.51066	82.72213	21.50000	0.0	0.0	0.0066703	0.0	0.0	20.627 *
					97.340	146.36984	83.42197	21.50000	0.0	0.0	0.0064057	0.0	0.0	20.627 *
					99.327	148.22902	84.12180	21.50000	0.0	0.0	0.0061545	0.0	0.0	20.627 *
					101.31	150.08820	84.82164	21.50000	0.0	0.0	0.0059159	0.0	0.0	20.6



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δsperp.	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						18.0000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
						20.0000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
3			Canal Side Studios_3	Canal Side Studios_3		0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
						1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0 d
						3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0 d
						5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0 d
						7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0 d
						9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0 d
						11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0 d
						13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0 d
						15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0 d
						17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0 d
						19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0 d
						21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0 d
						23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0 d
						25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0 d
						27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0 d
						29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0 d
						31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0 d
						33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0 d
						35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
4			Canal Side Studios_4	Canal Side Studios_4		0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
						2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
						4.0000	-10.00000	14.00000	22.00000	0.0017685	60.5695E-6	0.0017685	60.5695E-6 d
						6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.73877	0.027827 d
						8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	1.4692	0.061841 d
						10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	2.1897	0.10522 d
						12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	3.2402	0.18309 d
						14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.2827	0.29736 d
						16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.3100	0.48657 d
						18.000	4.00000	14.00000	22.00000	6.2339	0.86336	6.2339	0.86336 d
						20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491 d
5			Beaumont Court_1	Beaumont Court_1		0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972 d
						2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133 d
						4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.072435	-1.3038 d
						6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.074746	-1.3454 d
						8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.077057	-1.3870 d
						10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.079368	-1.4286 d
						12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.081680	-1.4702 d
						14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.083991	-1.5118 d
						16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.086302	-1.5534 d
						18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.088613	-1.5950 d
6			Beaumont Court_2	Beaumont Court_2		0.0	27.00000	1.00000	20.00000	0.0	1.5975	-1.5909	-0.14463 d
						1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.90626	-0.082388 d
						3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.22159	-0.020144 d
						5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.0	0.0 d
						7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0	0.0 d
						9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0	0.0 d
						11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
7			Beaumont Court_3	Beaumont Court_3		0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
8			Beaumont Court_4	Beaumont Court_4		0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0 d
						3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0 d
						5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0 d
						7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0 d
						9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0	0.0 d
						11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0	0.0 d
						13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0 d
						15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0 d
						17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0 d
						19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0 d
						21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0 d
						23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0	0.0 d
						25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0	0.0 d
						27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0	0.0 d
						29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0	0.0 d
						31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0	0.0 d
						33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0	0.0 d
						35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0	0.0 d
						37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0	0.0 d
						39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0 d
						41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0	0.0 d
						43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0	0.0 d
						45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0	0.0 d
						47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0	0.0 d
						49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0	0.0 d
						51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0 d
						53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0 d
						55.298	28.62500	-65.12500	20.00000	0.0	0.0</		



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

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]	
						3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.0	0.0 d
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0 d
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0 d
						11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
	13	TP No.1_3		TP No.1_3		0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0 d
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0 d
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0 d
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0 d
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0 d
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0 d
	14	TP No.1_4		TP No.1_4		14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0 d
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0 d
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0 d
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0 d
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
	15	TP No.1_5		TP No.1_5		0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0 d
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0 d
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0 d
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0 d
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0 d
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0 d
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0 d
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0 d
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0 d
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0 d
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0 d
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0 d
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0 d
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0 d
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0 d
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0 d
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0 d
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0 d
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0 d
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0 d
	16	TP No.1_6		TP No.1_6		41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	0.0 d
	17	TP No.1_7		TP No.1_7		12.530	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0691	104.12500	-33.12500	20.00000	0.0	0.0	0.0	0.0 d
						4.1382	102.25000	-32.25000	20.00000	0.0	0.0	0.0	0.0 d
						6.2074	100.37500	-31.37500	20.00000	0.0	0.0	0.0	0.0 d
						8.2765	98.50000	-30.50000	20.00000	0.0	0.0	0.0	0.0 d
						10.346	96.62500	-29.62500	20.00000	0.0	0.0	0.0	0.0 d
						12.415	94.75000	-28.75000	20.00000	0.0	0.0	0.0	0.0 d
						14.484	92.87500	-27.87500	20.00000	0.0	0.0	0.0	0.0 d
	18	TP No.1_8		TP No.1_8		16.553	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0138	91.83333	-25.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.0277	92.66667	-23.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.0415	93.50000	-21.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.0554	94.33333	-19.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.069	95.16667	-17.83333	20.00000	0.0	0.0	0.0	0.0 d
	19	TP No.2_1		TP No.2_1		12.083	96.00000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	148.00000	-41.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9906	146.20000	-40.15000	20.00000	0.0	0.0	0.0	0.0 d
						3.9812	144.40000	-39.30000	20.00000	0.0	0.0	0.0	0.0 d
						5.9718	142.60000	-38.45000	20.00000	0.0	0.0	0.0	0.0 d
						7.9624	140.80000	-37.60000	20.00000	0.0	0.0	0.0	0.0 d
						9.9530	139.00000	-36.75000	20.00000	0.0	0.0	0.0	0.0 d
						11.944	137.20000	-35.90000	20.00000	0.0	0.0	0.0	0.0 d
						13.934	135.40000	-35.05000	20.00000	0.0	0.0	0.0	0.0 d
						15.925	133.60000	-34.20000	20.00000	0.0	0.0	0.0	0.0 d
						17.915	131.80000	-33.35000	20.00000	0.0	0.0	0.0	0.0 d
						19.906	130.00000	-32.50000	20.00000	0.0	0.0	0.0	0.0 d
						21.897	128.20000	-31.65000	20.00000	0.0	0.0	0.0	0.0 d
						23.887	126.40000	-30.80000	20.00000	0.0	0.0	0.0	0.0 d
						25.878	124.60000	-29.95000	20.00000	0.0	0.0	0.0	0.0 d
						27.868	122.80000	-29.10000	20.00000	0.0	0.0	0.0	0.0 d
						29.859	121.00000	-28.25000	20.00000	0.0	0.0	0.0	0.0 d
						31.850	119.20000	-27.40000	20.00000	0.0	0.0	0.0	0.0 d
						33.840	117.40000	-26.55000	20.00000	0.0	0.0	0.0	0.0 d
						35.831	115.60000	-25.70000	20.00000	0.0	0.0	0.0	0.0 d
						37.821	113.80000	-24.85000	20.00000	0.0			



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	Δr _{perp}
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
					44.871	159.52000	-35.64000	20.00000	0.0	0.0	0.0	0.0	d
					46.911	157.68000	-34.76000	20.00000	0.0	0.0	0.0	0.0	d
					48.951	155.84000	-33.88000	20.00000	0.0	0.0	0.0	0.0	d
					50.990	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0	d
	24	TP No.3_2		TP No.3_2	0.0	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0	d
					1.9166	153.14286	-34.71429	20.00000	0.0	0.0	0.0	0.0	d
					3.8333	152.28571	-36.42857	20.00000	0.0	0.0	0.0	0.0	d
					5.7499	151.42857	-38.14286	20.00000	0.0	0.0	0.0	0.0	d
					7.6665	150.57143	-39.85714	20.00000	0.0	0.0	0.0	0.0	d
					9.5831	149.71429	-41.57143	20.00000	0.0	0.0	0.0	0.0	d
					11.500	148.85714	-43.28571	20.00000	0.0	0.0	0.0	0.0	d
	25	TP No.3_3		TP No.3_3	13.416	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0	d
					0.0	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0	d
					2.0227	149.84000	-45.84000	20.00000	0.0	0.0	0.0	0.0	d
					4.0453	151.68000	-46.68000	20.00000	0.0	0.0	0.0	0.0	d
					6.0680	153.52000	-47.52000	20.00000	0.0	0.0	0.0	0.0	d
					8.0907	155.36000	-48.36000	20.00000	0.0	0.0	0.0	0.0	d
					10.113	157.20000	-49.20000	20.00000	0.0	0.0	0.0	0.0	d
					12.136	159.04000	-50.04000	20.00000	0.0	0.0	0.0	0.0	d
					14.159	160.88000	-50.88000	20.00000	0.0	0.0	0.0	0.0	d
					16.181	162.72000	-51.72000	20.00000	0.0	0.0	0.0	0.0	d
					18.204	164.56000	-52.56000	20.00000	0.0	0.0	0.0	0.0	d
					20.227	166.40000	-53.40000	20.00000	0.0	0.0	0.0	0.0	d
					22.249	168.24000	-54.24000	20.00000	0.0	0.0	0.0	0.0	d
					24.272	170.08000	-55.08000	20.00000	0.0	0.0	0.0	0.0	d
					26.295	171.92000	-55.92000	20.00000	0.0	0.0	0.0	0.0	d
					28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0	d
					30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0	d
					32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0	d
					34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0	d
					36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0	d
					38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0	d
					40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0	d
					42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0	d
					44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0	d
					46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0	d
					48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0	d
	26	TP No.3_4		TP No.3_4	50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0	d
					0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0	d
					2.0883	195.00000	-64.16667	20.00000	0.0	0.0	0.0	0.0	d
					4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	0.0	d
					6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	0.0	d
					8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	0.0	d
					10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	0.0	d
					12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	0.0	d
	27	Hospital No.1_1		Hospital No.1_1	0.0	189.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0	d
					2.0000	189.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0	d
					4.0000	189.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0	d
					6.0000	189.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0	d
					8.0000	189.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0	d
					10.000	189.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0	d
					12.000	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
	28	Hospital No.1_2		Hospital No.1_2	0.0	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					1.9474	190.94737	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					3.8947	192.89474	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					5.8421	194.84211	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					7.7895	196.78947	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					9.7368	198.73684	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					11.684	200.68421	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					13.632	202.63158	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					15.579	204.57895	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					17.526	206.52632	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
	29	Hospital No.1_3		Hospital No.1_3	0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0	d
					2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0	d
					4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0	d
					6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0	d
					8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0	d
					10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0	d
					12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0	d
					14.000	226.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0	d
					16.000	226.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0	d
					18.000	226.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0	d
					20.000	226.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0	d
					22.000	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0	d
	30	Hospital No.1_4		H									



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz//	Δzexp.
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
					26.0000	215.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
					28.0000	217.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
					30.0000	219.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
					32.0000	221.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
					34.0000	223.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
					36.0000	225.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
	35	Hospital No.2_3		Hospital No.2_3	0.0	225.00000	5.00000	19.00000	0.0	0.0	0.0	0.0 d
					2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.0	0.0 d
					4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.0	0.0 d
					6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0	0.0 d
					8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0	0.0 d
					10.0000	225.00000	15.00000	19.00000	0.0	0.0	0.0	0.0 d
					12.0000	225.00000	17.00000	19.00000	0.0	0.0	0.0	0.0 d
					14.0000	225.00000	19.00000	19.00000	0.0	0.0	0.0	0.0 d
					16.0000	225.00000	21.00000	19.00000	0.0	0.0	0.0	0.0 d
					18.0000	225.00000	23.00000	19.00000	0.0	0.0	0.0	0.0 d
					20.0000	225.00000	25.00000	19.00000	0.0	0.0	0.0	0.0 d
					22.0000	225.00000	27.00000	19.00000	0.0	0.0	0.0	0.0 d
					24.0000	225.00000	29.00000	19.00000	0.0	0.0	0.0	0.0 d
					26.0000	225.00000	31.00000	19.00000	0.0	0.0	0.0	0.0 d
					28.0000	225.00000	33.00000	19.00000	0.0	0.0	0.0	0.0 d
					30.0000	225.00000	35.00000	19.00000	0.0	0.0	0.0	0.0 d
					32.0000	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
	36	Hospital No.2_4		Hospital No.2_4	0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					10.0000	215.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					12.0000	213.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					14.0000	211.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					16.0000	209.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					18.0000	207.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					20.0000	205.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					22.0000	203.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					24.0000	201.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					26.0000	199.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					28.0000	197.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					30.0000	195.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					32.0000	193.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					34.0000	191.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					36.0000	189.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
	37	Hospital No.3_1		Hospital No.3_1	0.0	189.00000	37.00000	19.00000	0.0	0.0	0.0	0.0 d
					1.9375	189.00000	75.06250	19.00000	0.0	0.0	0.0	0.0 d
					3.8750	189.00000	73.12500	19.00000	0.0	0.0	0.0	0.0 d
					5.8125	189.00000	71.18750	19.00000	0.0	0.0	0.0	0.0 d
					7.7500	189.00000	69.25000	19.00000	0.0	0.0	0.0	0.0 d
					9.6875	189.00000	67.31250	19.00000	0.0	0.0	0.0	0.0 d
					11.6250	189.00000	65.37500	19.00000	0.0	0.0	0.0	0.0 d
					13.5630	189.00000	63.43750	19.00000	0.0	0.0	0.0	0.0 d
					15.5000	189.00000	61.50000	19.00000	0.0	0.0	0.0	0.0 d
					17.4380	189.00000	59.56250	19.00000	0.0	0.0	0.0	0.0 d
					19.3750	189.00000	57.62500	19.00000	0.0	0.0	0.0	0.0 d
					21.3130	189.00000	55.68750	19.00000	0.0	0.0	0.0	0.0 d
					23.2500	189.00000	53.75000	19.00000	0.0	0.0	0.0	0.0 d
					25.1880	189.00000	51.81250	19.00000	0.0	0.0	0.0	0.0 d
					27.1250	189.00000	49.87500	19.00000	0.0	0.0	0.0	0.0 d
					29.0630	189.00000	47.93750	19.00000	0.0	0.0	0.0	0.0 d
					31.0000	189.00000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
	38	Hospital No.3_2		Hospital No.3_2	0.0	189.00000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
					1.8000	190.80000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
					3.6000	192.60000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
					5.4000	194.40000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
					7.2000	196.20000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
					9.0000	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
	39	Hospital No.3_3		Hospital No.3_3	0.0	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0 d
					1.8000	198.00000	47.80000	19.00000	0.0	0.0	0.0	0.0 d
					3.6000	198.00000	49.60000	19.00000	0.0	0.0	0.0	0.0 d
					5.4000	198.00000	51.40000	19.00000	0.0	0.0	0.0	0.0 d
					7.2000	198.00000	53.20000	19.00000	0.0	0.0	0.0	0.0 d
					9.0000	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
	40	Hospital No.3_4		Hospital No.3_4	0.0	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					2.0000	200.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					4.0000	202.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					6.0000	204.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					8.0000	206.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					10.0000	208.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					12.0000	210.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					14.0000	212.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					16.0000	214.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					18.0000	216.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					20.0000	218.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					22.0000	220.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					24.0000	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
	41	Hospital No.3_5		Hospital No.3_5	0.0	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0 d
					1.8000	222.00000	53.20000	19.00000	0.0	0.0	0.0	0.0 d
					3.6000	222.00000	51.40000	19.00000	0.0	0.0	0.0	0.0 d
					5.4000	222.00000	49.60000	19.00000	0.0	0.0	0.0	0.0 d
					7.2000	222.00000	47.80000	19.00000	0.0			



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Ref.			[m]	[m]	[m]	[m]	[mm]	
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000 22.00000 5.7957 d
						1.9444	6.00000	15.94444 22.00000 5.7331 d
						3.8889	6.00000	17.88889 22.00000 5.6709 d
						5.8333	6.00000	19.83333 22.00000 5.5911 d
						7.7778	6.00000	21.77778 22.00000 5.4914 d
						9.7222	6.00000	23.72222 22.00000 5.3753 d
						11.667	6.00000	25.66667 22.00000 5.2597 d
						13.611	6.00000	27.61111 22.00000 5.1675 d
						15.556	6.00000	29.55556 22.00000 5.0967 d
						17.500	6.00000	31.50000 22.00000 5.0280 d
						19.444	6.00000	33.44444 22.00000 4.9724 d
						21.389	6.00000	35.38889 22.00000 4.9687 d
						23.333	6.00000	37.33333 22.00000 5.0239 d
						25.278	6.00000	39.27778 22.00000 5.1118 d
						27.222	6.00000	41.22222 22.00000 5.2193 d
						29.167	6.00000	43.16667 22.00000 5.3366 d
						31.111	6.00000	45.11111 22.00000 5.4456 d
						33.056	6.00000	47.05556 22.00000 5.6022 d
						35.000	6.00000	49.00000 22.00000 5.7625 d
2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	5.7625 d
				2.0000	4.00000	49.00000	22.00000	5.4863 d
				4.0000	2.00000	49.00000	22.00000	4.7356 d
				6.0000	0.00000	49.00000	22.00000	0.31583 d
				8.0000	-2.00000	49.00000	22.00000	2.5887 d
				10.000	-4.00000	49.00000	22.00000	1.6199 d
				12.000	-6.00000	49.00000	22.00000	0.87043 d
				14.000	-8.00000	49.00000	22.00000	0.32401 d
				16.000	-10.00000	49.00000	22.00000	0.059702 d
				18.000	-12.00000	49.00000	22.00000	0.030556 d
				20.000	-14.00000	49.00000	22.00000	0.035145 d
3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000	0.035145 d
				1.9444	-14.00000	47.05556	22.00000	0.033385 d
				3.8889	-14.00000	45.11111	22.00000	0.031583 d
				5.8333	-14.00000	43.16667	22.00000	0.029833 d
				7.7778	-14.00000	41.22222	22.00000	0.028236 d
				9.7222	-14.00000	39.27778	22.00000	0.026891 d
				11.667	-14.00000	37.33333	22.00000	0.025884 d
				13.611	-14.00000	35.38889	22.00000	0.025283 d
				15.556	-14.00000	33.44444	22.00000	0.025129 d
				17.500	-14.00000	31.50000	22.00000	0.025431 d
				19.444	-14.00000	29.55556	22.00000	0.026168 d
				21.389	-14.00000	27.61111	22.00000	0.027292 d
				23.333	-14.00000	25.66667	22.00000	0.028730 d
				25.278	-14.00000	23.72222	22.00000	0.030393 d
				27.222	-14.00000	21.77778	22.00000	0.032184 d
				29.167	-14.00000	19.83333	22.00000	0.034008 d
				31.111	-14.00000	17.88889	22.00000	0.035774 d
				33.056	-14.00000	15.94444	22.00000	0.037405 d
				35.000	-14.00000	14.00000	22.00000	0.038840 d
4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	0.038840 d
				2.0000	-12.00000	14.00000	22.00000	0.036128 d
				4.0000	-10.00000	14.00000	22.00000	0.036285 d
				6.0000	-8.00000	14.00000	22.00000	0.12636 d
				8.0000	-6.00000	14.00000	22.00000	0.65347 d
				10.000	-4.00000	14.00000	22.00000	1.3779 d
				12.000	-2.00000	14.00000	22.00000	2.3476 d
				14.000	0.00000	14.00000	22.00000	3.4996 d
				16.000	2.00000	14.00000	22.00000	4.6604 d
				18.000	4.00000	14.00000	22.00000	5.5493 d
				20.000	6.00000	14.00000	22.00000	5.7957 d
5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	0.25463 d
				2.0003	43.00000	0.11111	20.00000	0.33747 d
				4.0062	41.00000	0.22222	20.00000	0.51053 d
				6.0093	39.00000	0.33333	20.00000	0.53874 d
				8.0123	37.00000	0.44444	20.00000	0.56757 d
				10.015	35.00000	0.55556	20.00000	0.59720 d
				12.019	33.00000	0.66667	20.00000	0.62778 d
				14.022	31.00000	0.77778	20.00000	0.65943 d
				16.025	29.00000	0.88889	20.00000	0.69227 d
				18.028	27.00000	1.00000	20.00000	0.72639 d
6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	0.72639 d
				1.8409	26.83333	-0.83333	20.00000	0.22484 d
				3.6818	26.66667	-2.66667	20.00000	0.072582 d
				5.5227	26.50000	-4.50000	20.00000	0.036739 d
				7.3636	26.33333	-6.33333	20.00000	0.040851 d
				9.2045	26.16667	-8.16667	20.00000	0.043404 d
				11.045	26.00000	-10.00000	20.00000	0.044783 d
7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	0.044783 d
				1.7500	27.75000	-10.00000	20.00000	0.044807 d
				3.5000	29.50000	-10.00000	20.00000	0.044844 d
				5.2500	31.25000	-10.00000	20.00000	0.044893 d
				7.0000	33.00000	-10.00000	20.00000	0.044949 d
8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	0.044949 d
				1.9749	32.84375	-11.96875	20.00000	0.045264 d
				3.9499	32.68750	-13.93750	20.00000	0.044915 d
				5.9248	32.53125	-15.90625	20.00000	0.044088 d
				7.8998	32.37500	-17.87500	20.00000	0.042926 d
				9.8747	32.21875	-19.84375	20.00000	0.041537 d
				11.850	32.06250	-21.81250	20.00000	0.040003 d
				13.825	31.90625	-23.78125	20.00000	0.038383 d
				15.800	31.75000	-25.75000	20.00000	0.036725 d
				17.774	31.59375	-27.71875	20.00000	0.035060 d
				19.749	31.43750	-29.68750	20.00000	0.033414 d
				21.724	31.28125	-31.65625	20.00000	0.031805 d
				23.699	31.12500	-33.62500	20.00000	0.030244 d
				25.674	30.96875	-35.59375	20.00000	0.028740 d
				27.649	30.81250	-37.56250	20.00000	0.027298 d
				29.624	30.65625	-39.53125	20.00000	0.025921 d
				31.599	30.50000	-41.50000	20.00000	0.024609 d
				33.574	30.34375	-43.46875	20.00000	0.023364 d
				35.549	30.18750	-45.43750	20.00000	0.022183 d
				37.524	30.03125	-47.40625	20.00000	0.021065 d
				39.499	29.87500	-49.37500	20.00000	0.020009 d
				41.474	29.71875	-51.34375	20.00000	0.019010 d
				43.449	29.56250	-53.31250	20.00000	0.018068 d
				45.424	29.40625	-55.28125	20.00000	0.017179 d
				47.399	29.25000	-57.25000	20.00000	0.016340 d
				49.374	29.09375	-59.21875	20.00000	0.015548 d
				51.348	28.93750	-61.18750	20.00000	0.014802 d
				53.323	28.78125	-63.15625	20.00000	0.014098 d
				55.298	28.62500	-65.12500	20.00000	0.013434 d
				57.273	28.46875	-67.09375	20.00000	0.012808 d
				59.248	28.31250	-69.06250	20.00000	0.012217 d
				61.223	28.15625	-71.03125	20.00000	0.011659 d
				63.198	28.00000	-73.00000	20.00000	0.011131 d
9	Beaumont Court_5	Beaumont Court_5	0.0	0.0	28.00000	-73.00000	20.00000	0.011131 d
				2.0069	30.00000	-73.16667	20.00000	0.011069 d
				4.0139	32.00000	-73.33333	20.00000	0.010997 d
				6.0208	34.00000	-73.50000	20.00000	0.010917 d
				8.0277	36.00000	-73.66667	20.00000	0.010828 d
				10.035	38.00000	-73.83333	20.00000	0.010731 d
				12.042	40.00000	-74.00000	20.00000	0.010626 d
10	Beaumont Court_6	Beaumont Court_6	0.0	0.0	40.00000	-74.00000	20.00000	0.010626 d
				2.0046	40.13514	-72.00000	20.00000	0.011123 d
				4.0091	40.27027	-70.00000	20.00000	0.011649 d
				6.0137	40.40541	-68.00000	20.00000	0.012206 d
				8.0182	40.54054	-66.00000	20.00000	0.012796 d
				10.023	40.67568	-64.00000	20.00000	0.013420 d
				12.027	40.81081	-62.00000	20.00000	0.014081 d
				14.032	40.94595	-60.00000	20.00000	0.014781 d
				16.036	41.08108	-58.00000	20.00000	0.015522 d
				18.041	41.21622	-56.00000	20.00000	0.016307 d
				20.046	41.35135	-54.00000	20.00000	0.017138 d
				22.050	41.48649	-52.00000	20.00000	0.018019 d
				24.055	41.62162	-50.00000	20.00000	0.018950 d
				26.059	41.75676	-48.00000	20.00000	0.019935 d
				28.064	41.89189	-46.00000	20.00000	0.020976 d
				30.068	42.02703	-44.00000	20.00000	0.022076 d



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

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UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.		Sheet No.	Rev.
371654			
Drg. Ref.			
Made by MK	Date 30-Jul-2020		Checked

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz	
					[m]	[m]	[m]	[m]	[mm]		
						32.073	42.16216	-42.00000	20.00000	0.023235	d
						34.078	42.29730	-40.00000	20.00000	0.024455	d
						36.082	42.43243	-38.00000	20.00000	0.025738	d
						38.087	42.56757	-36.00000	20.00000	0.027082	d
						40.091	42.70270	-34.00000	20.00000	0.028486	d
						42.096	42.83784	-32.00000	20.00000	0.029897	d
						44.100	42.97297	-30.00000	20.00000	0.031461	d
						46.105	43.10811	-28.00000	20.00000	0.033019	d
						48.109	43.24324	-26.00000	20.00000	0.034610	d
						50.114	43.37838	-24.00000	20.00000	0.036219	d
						52.119	43.51351	-22.00000	20.00000	0.037823	d
						54.123	43.64865	-20.00000	20.00000	0.039394	d
						56.128	43.78378	-18.00000	20.00000	0.040895	d
						58.132	43.91892	-16.00000	20.00000	0.042275	d
						60.137	44.05405	-14.00000	20.00000	0.043649	d
						62.141	44.18919	-12.00000	20.00000	0.044994	d
						64.146	44.32432	-10.00000	20.00000	0.046494	d
						66.150	44.45946	-8.00000	20.00000	0.047982	d
						68.155	44.59459	-6.00000	20.00000	0.049434	d
						70.160	44.72973	-4.00000	20.00000	0.050878	d
						72.164	44.86486	-2.00000	20.00000	0.052304	d
						74.169	45.00000	0.00000	20.00000	0.053719	d
		11	TP No.1_1	TP No.1_1	0.0	0.0	96.00000	-16.00000	20.00000	0.018268	d
						1.8634	94.33333	-15.16667	20.00000	0.019184	d
						3.7268	92.66667	-14.33333	20.00000	0.020155	d
						5.5902	91.00000	-13.50000	20.00000	0.021182	d
						7.4536	89.33333	-12.66667	20.00000	0.022269	d
						9.3169	87.66667	-11.83333	20.00000	0.023419	d
						11.180	86.00000	-11.00000	20.00000	0.024633	d
		12	TP No.1_2	TP No.1_2	0.0	0.0	86.00000	-11.00000	20.00000	0.024633	d
						1.8634	85.16667	-12.66667	20.00000	0.025844	d
						3.7268	84.33333	-14.33333	20.00000	0.027149	d
						5.5902	83.50000	-16.00000	20.00000	0.028570	d
						7.4536	82.66667	-17.66667	20.00000	0.029568	d
						9.3169	81.83333	-19.33333	20.00000	0.030244	d
						11.180	81.00000	-21.00000	20.00000	0.030900	d
		13	TP No.1_3	TP No.1_3	0.0	0.0	81.00000	-21.00000	20.00000	0.030900	d
						2.0454	79.14286	-20.14286	20.00000	0.031528	d
						4.0908	77.28571	-19.28571	20.00000	0.032140	d
						6.1362	75.42857	-18.42857	20.00000	0.032775	d
						8.1816	73.57143	-17.57143	20.00000	0.033433	d
						10.227	71.71429	-16.71429	20.00000	0.034119	d
						12.272	69.85714	-15.85714	20.00000	0.034827	d
						14.318	68.00000	-15.00000	20.00000	0.035556	d
		14	TP No.1_4	TP No.1_4	0.0	0.0	68.00000	-15.00000	20.00000	0.035556	d
						2.0900	67.16667	-16.91667	20.00000	0.036297	d
						4.1800	66.33333	-18.83333	20.00000	0.037061	d
						6.2700	65.50000	-20.75000	20.00000	0.037840	d
						8.3600	64.66667	-22.66667	20.00000	0.038633	d
						10.450	63.83333	-24.58333	20.00000	0.039440	d
						12.540	63.00000	-26.50000	20.00000	0.040261	d
		15	TP No.1_5	TP No.1_5	0.0	0.0	63.00000	-26.50000	20.00000	0.040261	d
						1.9699	64.76190	-27.38095	20.00000	0.041086	d
						3.9397	66.52381	-28.26190	20.00000	0.041928	d
						5.9096	68.28571	-29.14286	20.00000	0.042786	d
						7.8795	70.04762	-30.02381	20.00000	0.043659	d
						9.8493	71.80952	-30.90476	20.00000	0.044546	d
						11.819	73.57143	-31.78571	20.00000	0.045446	d
						13.789	75.33333	-32.66667	20.00000	0.046359	d
						15.759	77.09524	-33.54762	20.00000	0.047286	d
						17.729	78.85714	-34.42857	20.00000	0.048224	d
						19.699	80.61905	-35.30952	20.00000	0.049174	d
						21.669	82.38095	-36.19048	20.00000	0.050133	d
						23.638	84.14286	-37.07143	20.00000	0.051100	d
						25.608	85.90476	-37.95238	20.00000	0.052074	d
						27.578	87.66667	-38.83333	20.00000	0.053056	d
						29.548	89.42857	-39.71429	20.00000	0.054046	d
						31.518	91.19048	-40.59524	20.00000	0.055044	d
						33.488	92.95238	-41.47619	20.00000	0.056049	d
						35.458	94.71429	-42.35714	20.00000	0.057061	d
						37.428	96.47619	-43.23810	20.00000	0.058079	d
						39.397	98.23810	-44.11905	20.00000	0.059100	d
						41.367	100.00000	-45.00000	20.00000	0.060126	d
		16	TP No.1_6	TP No.1_6	0.0	0.0	100.00000	-45.00000	20.00000	0.060126	d
						2.0893	101.00000	-43.16667	20.00000	0.061167	d
						4.1767	102.00000	-41.33333	20.00000	0.062224	d
						6.2650	103.00000	-39.50000	20.00000	0.063296	d
						8.3533	104.00000	-37.66667	20.00000	0.064374	d
						10.442	105.00000	-35.83333	20.00000	0.065456	d
						12.530	106.00000	-34.00000	20.00000	0.066542	d
		17	TP No.1_7	TP No.1_7	0.0	0.0	106.00000	-34.00000	20.00000	0.066542	d
						2.0691	104.12500	-33.12500	20.00000	0.067633	d
						4.1382	102.25000	-32.25000	20.00000	0.068729	d
						6.2074	100.37500	-31.37500	20.00000	0.069830	d
						8.2765	98.50000	-30.50000	20.00000	0.070936	d
						10.346	96.62500	-29.62500	20.00000	0.072046	d
						12.415	94.75000	-28.75000	20.00000	0.073160	d
						14.484	92.87500	-27.87500	20.00000	0.074278	d
						16.553	91.00000	-27.00000	20.00000	0.075400	d
		18	TP No.1_8	TP No.1_8	0.0	0.0	91.00000	-27.00000	20.00000	0.075400	d
						2.0138	91.83333	-25.16667	20.00000	0.076526	d
						4.0277	92.66667	-23.33333	20.00000	0.077657	d
						6.0415	93.50000	-21.50000	20.00000	0.078792	d
						8.0554	94.33333	-19.66667	20.00000	0.079931	d
						10.069	95.16667	-17.83333	20.		



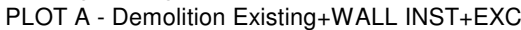
UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[m]	
						35.831	139.40000	-48.30000	20.00000	0.0053564 d
						37.821	141.20000	-49.15000	20.00000	0.0051589 d
						39.812	143.00000	-50.00000	20.00000	0.0049707 d
22		TP No.2_4		TP No.2_4	0.0	0.0	143.00000	-50.00000	20.00000	0.0049707 d
						2.0591	144.00000	-48.20000	20.00000	0.0049894 d
						4.1183	145.00000	-46.40000	20.00000	0.0050055 d
						6.1774	146.00000	-44.60000	20.00000	0.0050188 d
						8.2365	147.00000	-42.80000	20.00000	0.0050294 d
						10.296	148.00000	-41.00000	20.00000	0.0050373 d
23		TP No.3_1		TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	0.0021196 d
						2.0396	198.16000	-54.12000	20.00000	0.0021835 d
						4.0792	196.32000	-53.24000	20.00000	0.0022500 d
						6.1188	194.48000	-52.36000	20.00000	0.0023192 d
						8.1584	192.64000	-51.48000	20.00000	0.0023912 d
						10.198	190.80000	-50.60000	20.00000	0.0024661 d
						12.238	188.96000	-49.72000	20.00000	0.0025442 d
						14.277	187.12000	-48.84000	20.00000	0.0026255 d
						16.317	185.28000	-47.96000	20.00000	0.0027103 d
						18.356	183.44000	-47.08000	20.00000	0.0027987 d
						20.396	181.60000	-46.20000	20.00000	0.0028909 d
						22.436	179.76000	-45.32000	20.00000	0.0029871 d
						24.475	177.92000	-44.44000	20.00000	0.0030876 d
						26.515	176.08000	-43.56000	20.00000	0.0031926 d
						28.555	174.24000	-42.68000	20.00000	0.0033022 d
						30.594	172.40000	-41.80000	20.00000	0.0034168 d
						32.634	170.56000	-40.92000	20.00000	0.0035367 d
						34.673	168.72000	-40.04000	20.00000	0.0036621 d
						36.713	166.88000	-39.16000	20.00000	0.0037934 d
						38.753	165.04000	-38.28000	20.00000	0.0039310 d
						40.792	163.20000	-37.40000	20.00000	0.0040750 d
						42.832	161.36000	-36.52000	20.00000	0.0042260 d
						44.871	159.52000	-35.64000	20.00000	0.0043844 d
						46.911	157.68000	-34.76000	20.00000	0.0045506 d
						48.951	155.84000	-33.88000	20.00000	0.0047251 d
						50.990	154.00000	-33.00000	20.00000	0.0049083 d
24		TP No.3_2		TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	0.0049083 d
						1.9166	153.14286	-34.71429	20.00000	0.0049058 d
						3.8333	152.28571	-36.42857	20.00000	0.0049010 d
						5.7499	151.42857	-38.14286	20.00000	0.0048938 d
						7.6665	150.57143	-39.85714	20.00000	0.0048844 d
						9.5831	149.71429	-41.57143	20.00000	0.0048727 d
						11.500	148.85714	-43.28571	20.00000	0.0048587 d
						13.416	148.00000	-45.00000	20.00000	0.0048425 d
25		TP No.3_3		TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	0.0048425 d
						2.0227	148.84000	-45.84000	20.00000	0.0046654 d
						4.0453	151.68000	-46.68000	20.00000	0.0044965 d
						6.0680	153.52000	-47.52000	20.00000	0.0043354 d
						8.0907	155.36000	-48.36000	20.00000	0.0041818 d
						10.113	157.20000	-49.20000	20.00000	0.0040351 d
						12.136	159.04000	-50.04000	20.00000	0.0038950 d
						14.159	160.88000	-50.88000	20.00000	0.0037612 d
						16.181	162.72000	-51.72000	20.00000	0.0036333 d
						18.204	164.56000	-52.56000	20.00000	0.0035110 d
						20.227	166.40000	-53.40000	20.00000	0.0033940 d
						22.249	168.24000	-54.24000	20.00000	0.0032820 d
						24.272	170.08000	-55.08000	20.00000	0.0031748 d
						26.295	171.92000	-55.92000	20.00000	0.0030721 d
						28.317	173.76000	-56.76000	20.00000	0.0029736 d
						30.340	175.60000	-57.60000	20.00000	0.0028793 d
						32.363	177.44000	-58.44000	20.00000	0.0027888 d
						34.385	179.28000	-59.28000	20.00000	0.0027020 d
						36.408	181.12000	-60.12000	20.00000	0.0026187 d
						38.431	182.96000	-60.96000	20.00000	0.0025388 d
						40.453	184.80000	-61.80000	20.00000	0.0024620 d
						42.476	186.64000	-62.64000	20.00000	0.0023882 d
						44.499	188.48000	-63.48000	20.00000	0.0023173 d
						46.521	190.32000	-64.32000	20.00000	0.0022491 d
						48.544	192.16000	-65.16000	20.00000	0.0021835 d
26		TP No.3_4		TP No.3_4	0.0	50.567	194.00000	-66.00000	20.00000	0.0021204 d
						0.0	194.00000	-66.00000	20.00000	0.0021204 d
						2.0883	195.00000	-64.16667	20.00000	0.0021220 d
						4.1767	196.00000	-62.33333	20.00000	0.0021229 d
						6.2650	197.00000	-60.50000	20.00000	0.0021231 d
						8.3533	198.00000	-58.66667	20.00000	0.0021226 d
						10.442	199.00000	-56.83333	20.00000	0.0021214 d
27		Hospital No.1_1		Hospital No.1_1	0.0	12.530	200.00000	-55.00000	20.00000	0.0021196 d
						0.0	189.00000	-19.00000	19.00000	0.0030539 d
						2.0000	189.00000	-21.00000	19.00000	0.0030236 d
						4.0000	189.00000	-23.00000	19.00000	0.0029927 d
						6.0000	189.00000	-25.00000	19.00000	0.0029613 d
						8.0000	189.00000	-27.00000	19.00000	0.0029293 d
						10.000	189.00000	-29.00000	19.00000	0.0028968 d
						12.000	189.00000	-31.00000	19.00000	0.0028639 d
28		Hospital No.1_2		Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	0.0028639 d
						1.9474	190.94737	-31.00000	19.00000	0.0027826 d
						3.8947	192.89474	-31.00000	19.00000	0.0027042 d
						5.8421	194.84211	-31.00000	19.00000	0.0026285 d
						7.7895	196.78947	-31.00000	19.00000	0.0025555 d
						9.7368	198.73684	-31.00000	19.00000	0.0024851 d
						11.684	200.68421	-31.00000	19.00000	0.0024170 d
						13.632	202.63158	-31.00000	19.00000	0.0023514 d
						15.579	204.57895	-31.00000	19.00000	0.0022879 d
						17.526	206.52632	-31.00000	19.00000	0.0022267 d
						19.474	208.47368	-31.00000	19.00000	0.0021675 d
						21.421	210.42105	-31.00000	19.00000	0.0021102 d
						23.368	212.36842	-31.00000	19.00000	0.0020549 d
						25.316	214.31579	-31.00000	19.00000	0.0020015 d
						27.263	216.26316	-31.00000	19.00000	0.0019498 d
						29.211	218.21053	-31.00000	19.00000	0.0018997 d
						31.158	220.15719	-31.00000	19.00000	0.0018514 d
						33.105	222.10526	-31.00000	19.00000	0.0018045 d
						35.053	224.05263	-31.00000	19.00000	0.0017592 d
29		Hospital No.1_3		Hospital No.1_3	0.0	37.000	226.00000	-31.00000	19.00000	0.0017153 d
						0.0	226.00000	-31.00000	19.00000	0.0017153 d
						2.0000	226.00000	-29.00000	19.00000	0.0017293 d
						4.0000	226.00000	-27.00000	19.00000	0.0017431 d
						6.0000	226.00000	-25.00000	19.00000	0.0017565 d
						8.0000	226.00000	-23.00000	19.00000	0.0017697 d
						10.000	226.00000	-21.00000	19.00000	0.0017826 d
						12.000	226.00000	-19.00000	19.00000	0.0017951 d
						14.000	226.00000	-17.00000	19.00000	0.0018073 d
						16.000	226.00000	-15.00000	19.00000	0.0018192 d
						18.000	226.00000	-13.00000	19.00000	0.0018307 d
						20.000	226.00000	-11.00000	19.00000	0.0018419 d
						22.000	226.00000	-9.00000	19.00000	0.0018526 d
30		Hospital No.1_4		Hospital No.1_4	0.0	0.0	226.00000	-9.00000	19.00000	0.0018526 d
						2.0000	224.00000	-9.00000	19.00000	0.0019039 d
						4.0000	222.00000	-9.00000	19.00000	0.0019571 d
						6.0000	220.00000	-9.00000	19.00000	0.0020122 d
						8.0000	218.00000	-9.00000	19.00000	0.0020693 d
						10.000	216.00000	-9.00000	19.00000	0.0021286 d
						12.000	214.00000	-9.00000	19.00000	0.0021900 d
						14.000	212.00000	-9.00000	19.00000	0.0022538 d
31		Hospital No.1_5		Hospital No.1_5	0.0	0.0	212.00000	-9.00000	19.00000	0.0022538 d
						2.0000	212.00000	-11.00000	19.00000	0.0022389 d

Page 15
Time 15:34

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [mm]	Δz
						29.063	230.00000	75.06250	19.00000	0.0017581
						31.000	230.00000	77.00000	19.00000	0.0017486
						0.0	230.00000	77.00000	19.00000	0.0017486
44		Hospital No.3_8	Hospital No.3_8	Hospital No.3_8	0.0	1.9524	228.04762	77.00000	19.00000	0.0017950
						3.9048	226.09524	77.00000	19.00000	0.0018429
						5.8571	224.14286	77.00000	19.00000	0.0018925
						7.8095	222.19048	77.00000	19.00000	0.0019439
						9.7619	220.23810	77.00000	19.00000	0.0019971
						11.714	218.28571	77.00000	19.00000	0.0020522
						13.667	216.33333	77.00000	19.00000	0.0021093
						15.619	214.38095	77.00000	19.00000	0.0021685
						17.571	212.42857	77.00000	19.00000	0.0022298
						19.524	210.47619	77.00000	19.00000	0.0022934
						21.476	208.52381	77.00000	19.00000	0.0023593
						23.429	206.57143	77.00000	19.00000	0.0024278
						25.381	204.61905	77.00000	19.00000	0.0024988
						27.333	202.66667	77.00000	19.00000	0.0025725
						29.286	200.71429	77.00000	19.00000	0.0026491
						31.238	198.76190	77.00000	19.00000	0.0027286
						33.190	196.80952	77.00000	19.00000	0.0028112
						35.143	194.85714	77.00000	19.00000	0.0028971
						37.095	192.90476	77.00000	19.00000	0.0029864
						39.048	190.95238	77.00000	19.00000	0.0030792
						41.000	189.00000	77.00000	19.00000	0.0031757

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min
						from Line for					Ratio	Horizontal	Tensile	of	of	Radius
						Vertical						Strain	Strain	Horizontal	Displacement	Radius
						Movement Calculations								Displacement Curve	Curve	
						[m]		[m]			[%]	[%]	[%]			[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	1.0868	None	0.0	-0.091000	0.018200	910.83E-6	32.243E-6	
742960.0	(Negligible)						2	1.0868	8.3782	None	477.19E-6	-0.0092783	0.0018718	910.83E-6	59.695E-6	
205200.0	(Negligible)						3	9.4650	24.878	None	0.0023020	-0.019469	0.0039450	0.0016176	-82.535E-6	
75310.0	(Negligible)						4	34.343	0.65724	None	0.0	-0.13301	0.026602	0.0013319	-82.535E-6	
503970.0	(Negligible)	2		Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	6.7733	None	0.0068071	-0.016576	0.0051389	818.08E-6	549.66E-6	
7704.3	(Negligible)						2	6.7733	7.2267	None	0.0045622	0.034838	0.038705	-397.29E-6	549.66E-6	
15971.0	(Negligible)	3		Canal Side Studios_3	Canal Side Studios_3	0.0	All vertical displacements are less than the limit sensitivity.									
13787.0	(Negligible)	4		Canal Side Studios_4	Canal Side Studios_4	0.0	1	6.0000	7.7915	None	0.0053558	0.044090	0.048918	-524.96E-6	-575.68E-6	
5447.3	(Negligible)						2	13.791	6.2085	None	0.0085545	0.037900	0.044272	-521.00E-6	-580.11E-6	
26934.0	(Negligible)	5		Beaumont Court_1	Beaumont Court_1	0.0	1	0.0	2.7792	None	901.95E-6	921.58E-6	0.0014232	-30.022E-6	-86.393E-6	
81066.0	(Negligible)						2	2.7792	5.1897	None	0.0012923	797.92E-6	0.0016787	-30.022E-6	-86.393E-6	
3.0928E+6	0 (Negligible)						3	7.9689	10.059	None	34.316E-6	115.38E-6	139.30E-6	-1.1538E-6	-17.031E-6	
8322.6	0 (Negligible)	6		Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	1.8409	None	0.0	0.037193	0.037193	-371.79E-6	272.34E-6	
		7		Beaumont Court_3	Beaumont Court_3	0.0	All vertical displacements are less than the limit sensitivity.									
		8		Beaumont Court_4	Beaumont Court_4	0.0	All vertical displacements are less than the limit sensitivity.									
		9		Beaumont Court_5	Beaumont Court_5	0.0	All vertical displacements are less than the limit sensitivity.									
14778.0	(Negligible)	10		Beaumont Court_6	Beaumont Court_6	0.0	1	74.169	0.0	None	0.0	0.0	35.763E-9	-89.583E-6	-107.04E-6	
		11		TP No.1_1	TP No.1_1	0.0	All vertical displacements are less than the limit sensitivity.									
		12		TP No.1_2	TP No.1_2	0.0	All vertical displacements are less than the limit sensitivity.									
		13		TP No.1_3	TP No.1_3	0.0	All vertical displacements are less than the limit sensitivity.									
		14		TP No.1_4	TP No.1_4	0.0	All vertical displacements are less than the limit sensitivity.									
		15		TP No.1_5	TP No.1_5	0.0	All vertical displacements are less than the limit sensitivity.									
		16		TP No.1_6	TP No.1_6	0.0	All vertical displacements are less than the limit sensitivity.									
		17		TP No.1_7	TP No.1_7	0.0	All vertical displacements are less than the limit sensitivity.									
		18		TP No.1_8	TP No.1_8	0.0	All vertical displacements are less than the limit sensitivity.									
		19		TP No.2_1	TP No.2_1	0.0	All vertical displacements are less than the limit sensitivity.									
		20		TP No.2_2	TP No.2_2	0.0	All vertical displacements are less than the limit sensitivity.									
		21		TP No.2_3	TP No.2_3	0.0	All vertical displacements are less than the limit sensitivity.									
		22		TP No.2_4	TP No.2_4	0.0	All vertical displacements are less than the limit sensitivity.									
		23		TP No.3_1	TP No.3_1	0.0	All vertical displacements are less than the limit sensitivity.									
		24		TP No.3_2	TP No.3_2	0.0	All vertical displacements are less than the limit sensitivity.									
		25		TP No.3_3	TP No.3_3	0.0	All vertical displacements are less than the limit sensitivity.									
		26		TP No.3_4	TP No.3_4	0.0	All vertical displacements are less than the limit sensitivity.									
		27		Hospital No.1_1	Hospital No.1_1	0.0	All vertical displacements are less than the limit sensitivity.									
		28		Hospital No.1_2	Hospital No.1_2	0.0	All vertical displacements are less than the limit sensitivity.									
		29		Hospital No.1_3	Hospital No.1_3	0.0	All vertical displacements are less than the limit sensitivity.									
		30		Hospital No.1_4	Hospital No.1_4	0.0	All vertical displacements are less than the limit sensitivity.									
		31		Hospital No.1_5	Hospital No.1_5	0.0	All vertical displacements are less than the limit sensitivity.									
		32		Hospital No.1_6	Hospital No.1_6	0.0	All vertical displacements are less than the limit sensitivity.									
		33		Hospital No.2_1	Hospital No.2_1	0.0	All vertical displacements are less than the limit sensitivity.									
		34		Hospital No.2_2	Hospital No.2_2	0.0	All vertical displacements are less than the limit sensitivity.									
		35		Hospital No.2_3	Hospital No.2_3	0.0	All vertical displacements are less than the limit sensitivity.									
		36		Hospital No.2_4	Hospital No.2_4	0.0	All vertical displacements are less than the limit sensitivity.									
		37		Hospital No.3_1	Hospital No.3_1	0.0	All vertical displacements are less than the limit sensitivity.									
		38		Hospital No.3_2	Hospital No.3_2	0.0	All vertical displacements are less than the limit sensitivity.									
		39		Hospital No.3_3	Hospital No.3_3	0.0	All vertical displacements are less than the limit sensitivity.									
		40		Hospital No.3_4	Hospital No.3_4	0.0	All vertical displacements are less than the limit sensitivity.									
		41		Hospital No.3_5	Hospital No.3_5	0.0	All vertical displacements are less than the limit sensitivity.									
		42		Hospital No.3_6	Hospital No.3_6	0.0	All vertical displacements are less than the limit sensitivity.									
		43		Hospital No.3_7	Hospital No.3_7	0.0	All vertical displacements are less than the limit sensitivity.									
		44		Hospital No.3_8	Hospital No.3_8	0.0	All vertical displacements are less than the limit sensitivity.									

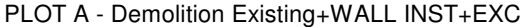
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

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

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Curvature of (Hogging)	Min Radius of Curvature of (Sagging)
						from Line for Vertical Movement Calculations									
						[m]	[%]	[%]		[mm]	[%]				[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	0.0023020	-0.13301	-82.535E-6	5.7957	0.026602	0.0016176	-82.535E-6	-	-
0	(Negligible)														
0	(Negligible)	2		Canal Side Studios_2	Canal Side Studios_2	0.0	0.0068071	0.034838	549.66E-6	5.7625	0.038705	818.08E-6	549.66E-6	-	-
0	(Negligible)	4		Canal Side Studios_4	Canal Side Studios_4	0.0	0.0085545	0.044090	-580.11E-6	5.7957	0.048918	-524.96E-6	-580.11E-6	-	-
0	(Negligible)	5		Beaumont Court_1	Beaumont Court_1	0.0	0.0012923	921.58E-6	-86.393E-6	0.72639	0.0016787	-30.022E-6	-86.393E-6	-	-
0	(Negligible)	6		Beaumont Court_2	Beaumont Court_2	0.0	0.0	0.037193	272.34E-6	0.72639	0.037193	-371.79E-6	272.34E-6	-	-
0	(Negligible)	10		Beaumont Court_6	Beaumont Court_6	0.0	0.0	0.0	-107.04E-6	0.25463	35.763E-9	-89.583E-6	-107.04E-6	-	-

Specific Building Damage Results - Critical Segments within Each Building

Stage Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature of (Hogging)	Min Radius of Curvature of (Sagging)
						Segment								
							[m]	[m]			[mm]	[%]	[m]	[m]

Time 15:34



UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Stage:	Stage: Name	Specific	Specific Building:	Parameter	Critical	Sub-Building	Critical Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Ref.	Category	Building: Ref.	Name	Segment	Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature						
0		TP No.3_1		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		TP No.3_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.										
0		TP No.3_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.										
0		TP No.3_4		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		Hospital No.1_1		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		Hospital No.1_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.										
0		Hospital No.1_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.										
0		Hospital No.1_4		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		Hospital No.1_5		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		Hospital No.1_6		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		Hospital No.2_1		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		Hospital No.2_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.										
0		Hospital No.2_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.										
0		Hospital No.2_4		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		Hospital No.3_1		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		Hospital No.3_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.										
0		Hospital No.3_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.										
0		Hospital No.3_4		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		Hospital No.3_5		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		Hospital No.3_6		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		Hospital No.3_7		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		Hospital No.3_8		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.										



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage Ref.	Stage Name	Disp. Line Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δa//	δperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	14.652	1.9491	-6.5270	90.000
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	16.828	0.17967	-8.4606	90.000
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	17.561	0.18046	-8.4978	90.000
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	18.217	0.18125	-8.5350	90.000
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18201	19.247	0.18201	-8.5724	90.000
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	20.921	0.18284	-8.6098	90.000
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	22.631	0.18364	-8.6473	90.000
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	23.480	0.18443	-8.6849	90.000
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	23.625	0.18523	-8.7225	90.000
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	23.222	0.18603	-8.7603	90.000
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	22.189	0.18684	-8.7981	90.000
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	21.047	0.18764	-8.8360	90.000
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	20.180	0.18845	-8.8740	90.000
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	19.784	0.18926	-8.9121	90.000
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	19.776	0.19007	-8.9502	90.000
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	20.162	0.19088	-8.9884	90.000
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	20.991	0.19169	-9.0267	90.000
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	20.549	-2.9486	-5.8175	90.000
				35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	14.070	-5.5348	-2.2007	90.000
2			Canal Side Studios_2	0.0	6.00000	49.00000	22.00000	2.2007	-5.5348	14.070	-5.5348	-2.2007	90.000
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	10.204	-3.8355	2.9855	180.000
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	6.8953	-4.0090	1.7143	180.000
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	4.5278	-3.5840	1.0333	180.000
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.6865	-2.9103	0.62661	180.000
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.36128	1.2596	-2.1154	0.36128	180.000
				12.000	-6.00000	49.00000	22.00000	1.4250	-0.20081	0.22113	-1.4250	0.20081	180.000
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	-0.50594	-0.80587	0.096336	180.000
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	-0.87852	-0.15972	0.016532	180.000
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	-0.96647	0.0	0.0	180.000
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	-0.98649	0.0	0.0	180.000
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	-0.98649	0.0	0.0	270.000
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	-0.99318	0.0	0.0	270.000
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	-0.99922	0.0	0.0	270.000
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	-1.0048	0.0	0.0	270.000
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	-1.0098	0.0	0.0	270.000
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	-1.0141	0.0	0.0	270.000
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	-1.0177	0.0	0.0	270.000
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	-1.0204	0.0	0.0	270.000
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	-1.0221	0.0	0.0	270.000
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	-1.0230	0.0	0.0	270.000
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	-1.0230	0.0	0.0	270.000
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	-1.0223	0.0	0.0	270.000
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	-1.0210	0.0	0.0	270.000
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	-1.0192	0.0	0.0	270.000
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	-1.0178	0.0	0.0	270.000
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	-1.0141	0.0	0.0	270.000
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	-1.0106	0.0	0.0	270.000
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	-1.0063	0.0	0.0	270.000
				35.000	-14.00000	14.00000	22.00000	0.0	0.0	-1.0009	0.0	0.0	270.000
4			Canal Side Studios_4	0.0	-14.00000	14.00000	22.00000	0.0	0.0	-1.0009	0.0	0.0	270.000
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	-0.98357	0.0	0.0	0.0
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	-0.93119	0.0017685	60.569E-6	0.0
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	-0.74283	0.73877	0.027827	0.0
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	-0.051163	1.4692	0.061841	0.0
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	0.93464	2.1897	0.10522	0.0
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	2.3110	3.2402	0.18309	0.0
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.0980	4.2827	0.29736	0.0
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	6.2841	5.3100	0.48657	0.0
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	8.9941	6.2339	0.86336	0.0
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	14.652	6.5270	1.9491	0.0
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	-0.52863	0.0099846	-0.17972	176.82
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	-0.37971	0.012296	-0.22133	176.82
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	-0.13898	0.072435	-1.3038	176.82
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	-0.045179	0.074746	-1.3454	176.82
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.04453	0.070517	-1.3870	176.82
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.12911	0.079368	-1.4286	176.82
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.20849	0.081680	-1.4702	176.82
				14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.28331	0.083991	-1.5118	176.82
				16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.35435	0.086302	-1.5534	176.82
				18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.42213	0.088613	-1.5950	176.82
6			Beaumont Court_2	0.0	27.00000	1.00000	20.00000	0.0	1.5975	0.42213	-1.5909	-0.14463	264.81
				1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.39826	-0.90626	-0.082388	264.81
				3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.76187	-0.22159	-0.020144	264.81
				5.5227	26.50000	-4.50000	20.00000	0.0	0.0	-0.93292	0.0	0.0	264.81
				7.3636	26.33333	-6.33333	20.00000	0.0	0.0	-1.0096	0.0	0.0	264.81
				9.2045	26.16667	-8.16667	20.00000	0.0	0.0	-1.0490	0.0	0.0	264.81
				11.045	26.00000	-10.00000	20.00000	0.0	0.0	-1.0616	0.0	0.0	264.81
7			Beaumont Court_3	0.0	26.00000	-10.00000	20.00000	0.0					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx / Δy	Δz / Δy	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	-0.33131	0.0	86.135 *
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	-0.35019	0.0	86.135 *
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	-0.37034	0.0	86.135 *
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	-0.39185	0.0	86.135 *
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	-0.41479	0.0	86.135 *
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	-0.43824	0.0	86.135 *
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	-0.46528	0.0	86.135 *
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	-0.49300	0.0	86.135 *
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	-0.52245	0.0	86.135 *
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	-0.55368	0.0	86.135 *
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	-0.58673	0.0	86.135 *
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	-0.62158	0.0	86.135 *
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	-0.65819	0.0	86.135 *
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	-0.69647	0.0	86.135 *
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	-0.73621	0.0	86.135 *
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	-0.77713	0.0	86.135 *
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	-0.81878	0.0	86.135 *
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	-0.86053	0.0	86.135 *
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	-0.90148	0.0	86.135 *
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	-0.94037	0.0	86.135 *
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	-0.97548	0.0	86.135 *
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	-1.00444	0.0	86.135 *
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	-1.02400	0.0	86.135 *
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	-1.02977	0.0	86.135 *
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	-1.02154	0.0	86.135 *
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	-0.97245	0.0	86.135 *
					72.164	44.86486	-2.00000	20.00000	0.0	0.0	-0.88895	0.0	86.135 *
					74.169	45.00000	0.00000	20.00000	0.0	0.18000	-0.52863	0.17959	0.012134 86.135 *
11		TP No.1_1			0.0	96.00000	-16.00000	20.00000	0.0	0.0	-0.36907	0.0	153.43 *
					1.8634	94.33333	-15.16667	20.00000	0.0	0.0	-0.38941	0.0	153.43 *
					3.7268	92.66667	-14.33333	20.00000	0.0	0.0	-0.41104	0.0	153.43 *
					5.5902	91.00000	-13.50000	20.00000	0.0	0.0	-0.43402	0.0	153.43 *
					7.4536	89.33333	-12.66667	20.00000	0.0	0.0	-0.45841	0.0	153.43 *
					9.3169	87.66667	-11.83333	20.00000	0.0	0.0	-0.48427	0.0	153.43 *
12		TP No.1_2			11.180	86.00000	-11.00000	20.00000	0.0	0.0	-0.51164	0.0	153.43 *
					0.0	86.00000	-11.00000	20.00000	0.0	0.0	-0.51164	0.0	243.43 *
					1.8634	85.16667	-12.66667	20.00000	0.0	0.0	-0.50634	0.0	243.43 *
					3.7268	84.33333	-14.33333	20.00000	0.0	0.0	-0.50039	0.0	243.43 *
					5.5902	83.50000	-16.00000	20.00000	0.0	0.0	-0.49384	0.0	243.43 *
					7.4536	82.66667	-17.66667	20.00000	0.0	0.0	-0.48673	0.0	243.43 *
					9.3169	81.83333	-19.33333	20.00000	0.0	0.0	-0.47908	0.0	243.43 *
					11.180	81.00000	-21.00000	20.00000	0.0	0.0	-0.47097	0.0	243.43 *
13		TP No.1_3			0.0	81.00000	-21.00000	20.00000	0.0	0.0	-0.47097	0.0	155.22 *
					2.0454	79.14286	-20.14286	20.00000	0.0	0.0	-0.49873	0.0	155.22 *
					4.0908	77.28571	-19.28571	20.00000	0.0	0.0	-0.52808	0.0	155.22 *
					6.1362	75.42857	-18.42857	20.00000	0.0	0.0	-0.55902	0.0	155.22 *
					8.1816	73.57143	-17.57143	20.00000	0.0	0.0	-0.59155	0.0	155.22 *
					10.227	71.71429	-16.71429	20.00000	0.0	0.0	-0.62558	0.0	155.22 *
					12.272	69.85714	-15.85714	20.00000	0.0	0.0	-0.66102	0.0	155.22 *
14		TP No.1_4			14.318	68.00000	-15.00000	20.00000	0.0	0.0	-0.69770	0.0	155.22 *
					0.0	68.00000	-15.00000	20.00000	0.0	0.0	-0.69770	0.0	246.50 *
					2.0900	67.16667	-16.91667	20.00000	0.0	0.0	-0.67893	0.0	246.50 *
					4.1800	66.33333	-18.83333	20.00000	0.0	0.0	-0.65937	0.0	246.50 *
					6.2700	65.50000	-20.75000	20.00000	0.0	0.0	-0.63919	0.0	246.50 *
					8.3600	64.66667	-22.66667	20.00000	0.0	0.0	-0.61855	0.0	246.50 *
					10.450	63.83333	-24.58333	20.00000	0.0	0.0	-0.59762	0.0	246.50 *
					12.540	63.00000	-26.50000	20.00000	0.0	0.0	-0.57654	0.0	246.50 *
15		TP No.1_5			0.0	63.00000	-26.50000	20.00000	0.0	0.0	-0.57654	0.0	333.43 *
					1.9699	64.76190	-27.38095	20.00000	0.0	0.0	-0.54836	0.0	333.43 *
					3.9397	66.52381	-28.26190	20.00000	0.0	0.0	-0.52133	0.0	333.43 *
					5.9096	68.28571	-29.14286	20.00000	0.0	0.0	-0.49545	0.0	333.43 *
					7.8795	70.04762	-30.02381	20.00000	0.0	0.0	-0.47075	0.0	333.43 *
					9.8493	71.80952	-30.90476	20.00000	0.0	0.0	-0.44721	0.0	333.43 *
					11.819	73.57143	-31.78571	20.00000	0.0	0.0	-0.42482	0.0	333.43 *
					13.789	75.33333	-32.66667	20.00000	0.0	0.0	-0.40356	0.0	333.43 *
					15.759	77.09524	-33.54762	20.00000	0.0	0.0	-0.38339	0.0	333.43 *
					17.729	78.85714	-34.42857	20.00000	0.0	0.0	-0.36427	0.0	333.43 *
					19.699	80.61905	-35.30952	20.00000	0.0	0.0	-0.34618	0.0	333.43 *
					21.669	82.38095	-36.19048	20.00000	0.0	0.0	-0.32906	0.0	333.43 *
					23.638	84.14286	-37.07143	20.00000	0.0	0.0	-0.31287	0.0	333.43 *
					25.608	85.90476	-37.95238	20.00000	0.0	0.0	-0.29757	0.0	333.43 *
					27.578	87.66667	-38.83333	20.00000	0.0	0.0	-0.28311	0.0	333.43 *
					29.548	89.42857	-39.71429	20.00000	0.0	0.0	-0.26945	0.0	333.43 *
					31.518	91.19048	-40.59524	20.00000	0.0	0.0	-0.25655	0.0	333.43 *
					33.488	92.95238	-41.47619	20.00000	0.0	0.0	-0.24437	0.0	333.43 *
					35.458	94.71429	-42.35714	20.00000	0.0	0.0	-0.23286	0.0	333.43 *
					37.428	96.47619	-43.23810	20.00000	0.0	0.0	-0.22199	0.0	333.43 *
					39.397	98.23810	-44.11905	20.00000	0.0	0.0	-0.21172	0.0	333.43 *
16		TP No.1_6			41.367	100.00000	-45.00000	20.00000	0.0	0.0	-0.20201	0.0	333.43 *
					0.0	100.00000	-45.00000	20.00000	0.0	0.0	-0.20201	0.0	61.390 *
					2.0883	101.00000	-43.16667	20.00000	0.0	0.0	-0.20529	0.0	61.390 *
					4.1767	102.00000	-41.33333	20.00000	0.0	0.0	-0.20844	0.0	61.390 *
					6.2650	103.00000	-39.50000	20.00000	0.0	0.0	-0.21143	0.0	61.390 *
					8.3533	104.00000	-37.66667	20.00000	0.0	0.0	-0.21426	0.0	61.390 *
					10.442	105.00000	-35.83333	20.00000	0.0	0.0	-0.21692	0.0	61.390 *
17		TP No.1_7			12.530	106.00000	-34.00000	20.00000	0.0	0.0	-0.21939	0.0	61.390 *
					0.0	106.00000	-34.00000	20.00000	0.0	0.0	-0.21939	0.0	154.98 *
					2.0691	104.12500	-33.12500	20.00000	0.0	0.0	-0.23109	0.0	154.98 *
					4.1382	102.25000	-32.25000	20.00000	0.0	0.0	-0.24355	0.0	154.98 *
					6.2074	100.37500	-31.37500	20.00000	0.0	0.0	-0.25684	0.0	154.98 *
					8.2765	98.50000	-30.50000	20.00000	0.0	0.0	-0.27101	0.0	154.98 *
					10.346	96.62500	-29.62500	20.00000	0.0	0.0	-0.28613	0.0	154.98 *
					12.415	94.75000	-28.75000	20.00000	0.0	0.0	-0.30225	0.0	154.98 *
					14.484	92.87500	-27.87500	20.00000	0.0	0.0	-0.31945	0.0	154.98 *
18		TP No.1_8			16.553	91.00000	-27.00000	20.00000	0.0	0.0	-0.33779	0.0	154.98 *
					0.0	91.00000	-27.00000	20.00000	0.0	0.0	-0.33779	0.0	65.556 *
					2.0138	91.83333	-25.16667	20.00000	0.0	0.0	-0.34387	0.0	65.556 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δy perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					23.887	128.600000	-43.200000	20.000000	0.0	0.0	-0.12516	0.0	0.0 334.72 *
					25.878	130.400000	-44.050000	20.000000	0.0	0.0	-0.11990	0.0	0.0 334.72 *
					27.868	132.200000	-44.900000	20.000000	0.0	0.0	-0.11492	0.0	0.0 334.72 *
					29.859	134.000000	-45.750000	20.000000	0.0	0.0	-0.11040	0.0	0.0 334.72 *
					31.850	135.800000	-46.600000	20.000000	0.0	0.0	-0.10573	0.0	0.0 334.72 *
					33.840	137.600000	-47.450000	20.000000	0.0	0.0	-0.10148	0.0	0.0 334.72 *
					35.831	139.400000	-48.300000	20.000000	0.0	0.0	-0.097459	0.0	0.0 334.72 *
					37.821	141.200000	-49.150000	20.000000	0.0	0.0	-0.093638	0.0	0.0 334.72 *
					39.812	143.000000	-50.000000	20.000000	0.0	0.0	-0.21866	0.0	0.0 334.72 *
		22	TP No.2_4		0.0	143.000000	-50.000000	20.0000	0.0	0.0	-0.090007	0.0	0.0 60.945 *
					2.0591	144.000000	-48.200000	20.0000	0.0	0.0	-0.090383	0.0	0.0 60.945 *
					4.1183	145.000000	-46.400000	20.0000	0.0	0.0	-0.090706	0.0	0.0 60.945 *
					6.1774	146.000000	-44.600000	20.0000	0.0	0.0	-0.090975	0.0	0.0 60.945 *
					8.2365	147.000000	-42.800000	20.0000	0.0	0.0	-0.091190	0.0	0.0 60.945 *
					10.296	148.000000	-41.000000	20.0000	0.0	0.0	-0.091350	0.0	0.0 60.945 *
		23	TP No.3_1		0.0	200.000000	-55.000000	20.0000	0.0	0.0	-0.036697	0.0	0.0 154.44 *
					2.0396	198.160000	-54.120000	20.0000	0.0	0.0	-0.037853	0.0	0.0 154.44 *
					4.0792	196.320000	-53.240000	20.0000	0.0	0.0	-0.039056	0.0	0.0 154.44 *
					6.1188	194.480000	-52.360000	20.0000	0.0	0.0	-0.040311	0.0	0.0 154.44 *
					8.1584	192.640000	-51.480000	20.0000	0.0	0.0	-0.041620	0.0	0.0 154.44 *
					10.198	190.800000	-50.600000	20.0000	0.0	0.0	-0.042985	0.0	0.0 154.44 *
					12.238	188.960000	-49.720000	20.0000	0.0	0.0	-0.044411	0.0	0.0 154.44 *
					14.277	187.120000	-48.840000	20.0000	0.0	0.0	-0.045899	0.0	0.0 154.44 *
					16.317	185.280000	-47.960000	20.0000	0.0	0.0	-0.047454	0.0	0.0 154.44 *
					18.356	183.440000	-47.080000	20.0000	0.0	0.0	-0.049078	0.0	0.0 154.44 *
					20.396	181.600000	-46.200000	20.0000	0.0	0.0	-0.050777	0.0	0.0 154.44 *
					22.436	179.760000	-45.320000	20.0000	0.0	0.0	-0.052555	0.0	0.0 154.44 *
					24.475	177.920000	-44.440000	20.0000	0.0	0.0	-0.054415	0.0	0.0 154.44 *
					26.515	176.080000	-43.560000	20.0000	0.0	0.0	-0.056363	0.0	0.0 154.44 *
					28.555	174.240000	-42.680000	20.0000	0.0	0.0	-0.058404	0.0	0.0 154.44 *
					30.594	172.400000	-41.800000	20.0000	0.0	0.0	-0.060543	0.0	0.0 154.44 *
					32.634	170.560000	-40.920000	20.0000	0.0	0.0	-0.062787	0.0	0.0 154.44 *
					34.673	168.720000	-40.040000	20.0000	0.0	0.0	-0.065141	0.0	0.0 154.44 *
					36.713	166.880000	-39.160000	20.0000	0.0	0.0	-0.067612	0.0	0.0 154.44 *
					38.753	165.040000	-38.280000	20.0000	0.0	0.0	-0.070208	0.0	0.0 154.44 *
					40.792	163.200000	-37.400000	20.0000	0.0	0.0	-0.072536	0.0	0.0 154.44 *
					42.832	161.360000	-36.520000	20.0000	0.0	0.0	-0.075805	0.0	0.0 154.44 *
					44.871	159.520000	-35.640000	20.0000	0.0	0.0	-0.078824	0.0	0.0 154.44 *
					46.911	157.680000	-34.760000	20.0000	0.0	0.0	-0.082002	0.0	0.0 154.44 *
					48.951	155.840000	-33.880000	20.0000	0.0	0.0	-0.085349	0.0	0.0 154.44 *
					50.990	154.000000	-33.000000	20.0000	0.0	0.0	-0.088878	0.0	0.0 154.44 *
		24	TP No.3_2		0.0	154.000000	-33.000000	20.0000	0.0	0.0	-0.088878	0.0	0.0 243.43 *
					1.9166	153.14286	-34.71429	20.0000	0.0	0.0	-0.088830	0.0	0.0 243.43 *
					3.8333	152.28571	-36.42857	20.0000	0.0	0.0	-0.088735	0.0	0.0 243.43 *
					5.7499	151.42857	-38.14286	20.0000	0.0	0.0	-0.088594	0.0	0.0 243.43 *
					7.6665	150.57143	-39.85714	20.0000	0.0	0.0	-0.088408	0.0	0.0 243.43 *
					9.5831	149.71429	-41.57143	20.0000	0.0	0.0	-0.088176	0.0	0.0 243.43 *
					11.500	148.85714	-43.28571	20.0000	0.0	0.0	-0.087900	0.0	0.0 243.43 *
					13.416	148.000000	-45.000000	20.0000	0.0	0.0	-0.087581	0.0	0.0 243.43 *
		25	TP No.3_3		0.0	148.000000	-45.000000	20.0000	0.0	0.0	-0.087581	0.0	0.0 335.46 *
					2.0227	149.840000	-46.840000	20.0000	0.0	0.0	-0.084179	0.0	0.0 335.46 *
					4.0453	151.680000	-46.680000	20.0000	0.0	0.0	-0.080947	0.0	0.0 335.46 *
					6.0680	153.520000	-47.520000	20.0000	0.0	0.0	-0.077875	0.0	0.0 335.46 *
					8.0907	155.360000	-48.360000	20.0000	0.0	0.0	-0.074952	0.0	0.0 335.46 *
					10.113	157.200000	-49.200000	20.0000	0.0	0.0	-0.072172	0.0	0.0 335.46 *
					12.136	159.040000	-50.040000	20.0000	0.0	0.0	-0.069524	0.0	0.0 335.46 *
					14.159	160.880000	-50.880000	20.0000	0.0	0.0	-0.067002	0.0	0.0 335.46 *
					16.181	162.720000	-51.720000	20.0000	0.0	0.0	-0.064598	0.0	0.0 335.46 *
					18.204	164.560000	-52.560000	20.0000	0.0	0.0	-0.062306	0.0	0.0 335.46 *
					20.227	166.400000	-53.400000	20.0000	0.0	0.0	-0.060119	0.0	0.0 335.46 *
					22.249	168.240000	-54.240000	20.0000	0.0	0.0	-0.058031	0.0	0.0 335.46 *
					24.272	170.080000	-55.080000	20.0000	0.0	0.0	-0.056038	0.0	0.0 335.46 *
					26.295	171.920000	-55.920000	20.0000	0.0	0.0	-0.054133	0.0	0.0 335.46 *
					28.317	173.760000	-56.760000	20.0000	0.0	0.0	-0.052312	0.0	0.0 335.46 *
					30.340	175.600000	-57.600000	20.0000	0.0	0.0	-0.050571	0.0	0.0 335.46 *
					32.363	177.440000	-58.440000	20.0000	0.0	0.0	-0.048905	0.0	0.0 335.46 *
					34.385	179.280000	-59.280000	20.0000	0.0	0.0	-0.047311	0.0	0.0 335.46 *
					36.408	181.120000	-60.120000	20.0000	0.0	0.0	-0.045784	0.0	0.0 335.46 *
					38.431	182.960000	-60.960000	20.0000	0.0	0.0	-0.044321	0.0	0.0 335.46 *
					40.453	184.800000	-61.800000	20.0000	0.0	0.0	-0.042919	0.0	0.0 335.46 *
					42.476	186.640000	-62.640000	20.0000	0.0	0.0	-0.041575	0.0	0.0 335.46 *
					44.499	188.480000	-63.480000	20.0000	0.0	0.0	-0.040286	0.0	0.0 335.46 *
					46.521	190.320000	-64.320000	20.0000	0.0	0.0	-0.039049	0.0	0.0 335.46 *
					48.544	192.160000	-65.160000	20.0000	0.0	0.0	-0.037861	0.0	0.0 335.46 *
					50.567	194.000000	-66.000000						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δy:perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					11.500	200.500000	-19.000000	19.000000	0.0	0.0	-0.044735	0.0	180.00
					13.417	198.583333	-19.000000	19.000000	0.0	0.0	-0.046089	0.0	180.00
					15.333	196.666667	-19.000000	19.000000	0.0	0.0	-0.047497	0.0	180.00
					17.250	194.750000	-19.000000	19.000000	0.0	0.0	-0.048960	0.0	180.00
					19.167	192.833333	-19.000000	19.000000	0.0	0.0	-0.050481	0.0	180.00
					21.083	190.916667	-19.000000	19.000000	0.0	0.0	-0.052065	0.0	180.00
					23.000	189.000000	-19.000000	19.000000	0.0	0.0	-0.053712	0.0	180.00
	33		Hospital No.2_1		0.0	189.000000	37.000000	19.000000	0.0	0.0	-0.061110	0.0	270.00
					2.0000	189.000000	35.000000	19.000000	0.0	0.0	-0.061183	0.0	270.00
					4.0000	189.000000	33.000000	19.000000	0.0	0.0	-0.061229	0.0	270.00
					6.0000	189.000000	31.000000	19.000000	0.0	0.0	-0.061247	0.0	270.00
					8.0000	189.000000	29.000000	19.000000	0.0	0.0	-0.061238	0.0	270.00
					10.000	189.000000	27.000000	19.000000	0.0	0.0	-0.061202	0.0	270.00
					12.000	189.000000	25.000000	19.000000	0.0	0.0	-0.061139	0.0	270.00
					14.000	189.000000	23.000000	19.000000	0.0	0.0	-0.061048	0.0	270.00
					16.000	189.000000	21.000000	19.000000	0.0	0.0	-0.060931	0.0	270.00
					18.000	189.000000	19.000000	19.000000	0.0	0.0	-0.060787	0.0	270.00
					20.000	189.000000	17.000000	19.000000	0.0	0.0	-0.060617	0.0	270.00
					22.000	189.000000	15.000000	19.000000	0.0	0.0	-0.060421	0.0	270.00
					24.000	189.000000	13.000000	19.000000	0.0	0.0	-0.060200	0.0	270.00
					26.000	189.000000	11.000000	19.000000	0.0	0.0	-0.059954	0.0	270.00
					28.000	189.000000	9.000000	19.000000	0.0	0.0	-0.059683	0.0	270.00
					30.000	189.000000	7.000000	19.000000	0.0	0.0	-0.059388	0.0	270.00
					32.000	189.000000	5.000000	19.000000	0.0	0.0	-0.059070	0.0	270.00
	34		Hospital No.2_2		0.0	189.000000	5.000000	19.000000	0.0	0.0	-0.059070	0.0	0.0
					2.0000	191.000000	5.000000	19.000000	0.0	0.0	-0.057061	0.0	0.0
					4.0000	193.000000	5.000000	19.000000	0.0	0.0	-0.055140	0.0	0.0
					6.0000	195.000000	5.000000	19.000000	0.0	0.0	-0.053302	0.0	0.0
					8.0000	197.000000	5.000000	19.000000	0.0	0.0	-0.051544	0.0	0.0
					10.000	199.000000	5.000000	19.000000	0.0	0.0	-0.049862	0.0	0.0
					12.000	201.000000	5.000000	19.000000	0.0	0.0	-0.048250	0.0	0.0
					14.000	203.000000	5.000000	19.000000	0.0	0.0	-0.046706	0.0	0.0
					16.000	205.000000	5.000000	19.000000	0.0	0.0	-0.045227	0.0	0.0
					18.000	207.000000	5.000000	19.000000	0.0	0.0	-0.043808	0.0	0.0
					20.000	209.000000	5.000000	19.000000	0.0	0.0	-0.042447	0.0	0.0
					22.000	211.000000	5.000000	19.000000	0.0	0.0	-0.041141	0.0	0.0
					24.000	213.000000	5.000000	19.000000	0.0	0.0	-0.039887	0.0	0.0
					26.000	215.000000	5.000000	19.000000	0.0	0.0	-0.038684	0.0	0.0
					28.000	217.000000	5.000000	19.000000	0.0	0.0	-0.037527	0.0	0.0
					30.000	219.000000	5.000000	19.000000	0.0	0.0	-0.036416	0.0	0.0
					32.000	221.000000	5.000000	19.000000	0.0	0.0	-0.035347	0.0	0.0
					34.000	223.000000	5.000000	19.000000	0.0	0.0	-0.034320	0.0	0.0
					36.000	225.000000	5.000000	19.000000	0.0	0.0	-0.033331	0.0	0.0
	35		Hospital No.2_3		0.0	225.000000	5.000000	19.000000	0.0	0.0	-0.033331	0.0	90.00
					2.0000	225.000000	7.000000	19.000000	0.0	0.0	-0.033453	0.0	90.00
					4.0000	225.000000	9.000000	19.000000	0.0	0.0	-0.033566	0.0	90.00
					6.0000	225.000000	11.000000	19.000000	0.0	0.0	-0.033669	0.0	90.00
					8.0000	225.000000	13.000000	19.000000	0.0	0.0	-0.033763	0.0	90.00
					10.000	225.000000	15.000000	19.000000	0.0	0.0	-0.033848	0.0	90.00
					12.000	225.000000	17.000000	19.000000	0.0	0.0	-0.033922	0.0	90.00
					14.000	225.000000	19.000000	19.000000	0.0	0.0	-0.033987	0.0	90.00
					16.000	225.000000	21.000000	19.000000	0.0	0.0	-0.034041	0.0	90.00
					18.000	225.000000	23.000000	19.000000	0.0	0.0	-0.034085	0.0	90.00
					20.000	225.000000	25.000000	19.000000	0.0	0.0	-0.034119	0.0	90.00
					22.000	225.000000	27.000000	19.000000	0.0	0.0	-0.034143	0.0	90.00
					24.000	225.000000	29.000000	19.000000	0.0	0.0	-0.034157	0.0	90.00
					26.000	225.000000	31.000000	19.000000	0.0	0.0	-0.034161	0.0	90.00
					28.000	225.000000	33.000000	19.000000	0.0	0.0	-0.034154	0.0	90.00
					30.000	225.000000	35.000000	19.000000	0.0	0.0	-0.034136	0.0	90.00
					32.000	225.000000	37.000000	19.000000	0.0	0.0	-0.034109	0.0	90.00
	36		Hospital No.2_4		0.0	225.000000	37.000000	19.000000	0.0	0.0	-0.034109	0.0	180.00
					2.0000	223.000000	37.000000	19.000000	0.0	0.0	-0.035137	0.0	180.00
					4.0000	221.000000	37.000000	19.000000	0.0	0.0	-0.036206	0.0	180.00
					6.0000	219.000000	37.000000	19.000000	0.0	0.0	-0.037319	0.0	180.00
					8.0000	217.000000	37.000000	19.000000	0.0	0.0	-0.038477	0.0	180.00
					10.000	215.000000	37.000000	19.000000	0.0	0.0	-0.039683	0.0	180.00
					12.000	213.000000	37.000000	19.000000	0.0	0.0	-0.040940	0.0	180.00
					14.000	211.000000	37.000000	19.000000	0.0	0.0	-0.042250	0.0	180.00
					16.000	209.000000	37.000000	19.000000	0.0	0.0	-0.043616	0.0	180.00
					18.000	207.000000	37.000000	19.000000	0.0	0.0	-0.045040	0.0	180.00
					20.000	205.000000	37.000000	19.000000	0.0	0.0	-0.046527	0.0	180.00
					22.000	203.000000	37.000000	19.000000	0.0	0.0	-0.048079	0.0	180.00
					24.000	201.000000	37.000000	19.000000	0.0	0.0	-0.049700	0.0	180.00
					26.000	199.000000	37.000000	19.000000	0.0	0.0	-0.051394	0.0	180.00
					28.000	197.000000	37.000000	19.000000	0.0	0.0	-0.053165	0.0	180.00
					30.000	195.000000	37.000000	19.000000	0.0	0.0	-0.055018	0.0	180.00
					32.000	193.000000	37						



RSK ENVIRONMENT LIMITED

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					17.438	230.00000	63.43750	19.00000	0.0	0.0	-0.030569	0.0	0.0 90.000 *
					19.375	230.00000	65.37500	19.00000	0.0	0.0	-0.030430	0.0	0.0 90.000 *
					21.313	230.00000	67.31250	19.00000	0.0	0.0	-0.030284	0.0	0.0 90.000 *
					23.250	230.00000	69.25000	19.00000	0.0	0.0	-0.030132	0.0	0.0 90.000 *
					25.188	230.00000	71.18750	19.00000	0.0	0.0	-0.029972	0.0	0.0 90.000 *
					27.125	230.00000	73.12500	19.00000	0.0	0.0	-0.029807	0.0	0.0 90.000 *
					29.063	230.00000	75.06250	19.00000	0.0	0.0	-0.029636	0.0	0.0 90.000 *
					31.000	230.00000	77.00000	19.00000	0.0	0.0	-0.029458	0.0	0.0 90.000 *
	44		Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	-0.029458	0.0	0.0 180.00 *
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	-0.030262	0.0	0.0 180.00 *
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	-0.031095	0.0	0.0 180.00 *
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	-0.031958	0.0	0.0 180.00 *
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	-0.032853	0.0	0.0 180.00 *
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	-0.033780	0.0	0.0 180.00 *
					11.714	218.28571	77.00000	19.00000	0.0	0.0	-0.034742	0.0	0.0 180.00 *
					13.667	216.33333	77.00000	19.00000	0.0	0.0	-0.035739	0.0	0.0 180.00 *
					15.619	214.38095	77.00000	19.00000	0.0	0.0	-0.036775	0.0	0.0 180.00 *
					17.571	212.42857	77.00000	19.00000	0.0	0.0	-0.037850	0.0	0.0 180.00 *
					19.524	210.47619	77.00000	19.00000	0.0	0.0	-0.038965	0.0	0.0 180.00 *
					21.476	208.52381	77.00000	19.00000	0.0	0.0	-0.040124	0.0	0.0 180.00 *
					23.429	206.57143	77.00000	19.00000	0.0	0.0	-0.041329	0.0	0.0 180.00 *
					25.381	204.61905	77.00000	19.00000	0.0	0.0	-0.042580	0.0	0.0 180.00 *
					27.333	202.66667	77.00000	19.00000	0.0	0.0	-0.043881	0.0	0.0 180.00 *
					29.286	200.71429	77.00000	19.00000	0.0	0.0	-0.045234	0.0	0.0 180.00 *
					31.238	198.76190	77.00000	19.00000	0.0	0.0	-0.046642	0.0	0.0 180.00 *
					33.190	196.80952	77.00000	19.00000	0.0	0.0	-0.048106	0.0	0.0 180.00 *
					35.143	194.85714	77.00000	19.00000	0.0	0.0	-0.049631	0.0	0.0 180.00 *
					37.095	192.90476	77.00000	19.00000	0.0	0.0	-0.051218	0.0	0.0 180.00 *
					39.048	190.95238	77.00000	19.00000	0.0	0.0	-0.052872	0.0	0.0 180.00 *
					41.000	189.00000	77.00000	19.00000	0.0	0.0	-0.054595	0.0	0.0 180.00 *
	45		Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	-0.73873	0.0	0.0 358.75 *
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	-0.77882	0.0	0.0 358.75 *
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	-0.81918	0.0	0.0 358.75 *
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	-0.85900	0.0	0.0 358.75 *
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	-0.89715	0.0	0.0 358.75 *
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	-0.93210	0.0	0.0 358.75 *
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	-0.96171	0.0	0.0 358.75 *
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	-0.98313	0.0	0.0 358.75 *
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	-0.99245	0.0	0.0 358.75 *
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	-0.99433	0.0	0.0 358.75 *
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	-0.99145	0.0	0.0 358.75 *
					22.005	-8.00000	11.52174	21.00000	0.56407	0.084968	-0.79577	0.56209	0.097207 358.75 *
					24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	-0.23836	1.1782	0.23422 358.75 *
					26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	0.61299	1.7464	0.40971 358.75 *
					28.007	-2.00000	11.39130	21.00000	2.4668	0.65090	1.7821	2.4521	0.70435 358.75 *
					30.007	0.00000	11.34782	21.00000	3.1001	1.0758	3.2655	3.0759	1.1429 358.75 *
					32.008	2.00000	11.30435	21.00000	3.4879	1.7373	4.9929	3.4494	1.8127 358.75 *
					34.008	4.00000	11.26087	21.00000	3.3833	2.8393	6.8633	3.3208	2.9122 358.75 *
					36.009	6.00000	11.21739	21.00000	2.3032	4.7164	8.7657	2.2001	4.7653 358.75 *
					38.009	8.00000	11.17391	21.00000	0.0	7.2962	10.487	-0.15858	7.2945 358.75 *
					40.009	10.00000	11.13043	21.00000	0.0	7.2661	11.858	-0.15792	7.2644 358.75 *
					42.010	12.00000	11.08696	21.00000	0.0	7.2361	12.618	-0.15727	7.2344 358.75 *
					44.010	14.00000	11.04348	21.00000	0.0	7.2062	12.960	-0.15662	7.2045 358.75 *
					46.011	16.00000	11.00000	21.00000	0.0	7.1763	13.090	-0.15597	7.1746 358.75 *
					48.011	18.00000	10.95652	21.00000	0.0	7.1465	13.112	-0.15532	7.1448 358.75 *
					50.012	20.00000	10.91304	21.00000	0.0	7.1167	13.074	-0.15467	7.1150 358.75 *
					52.012	22.00000	10.86957	21.00000	0.0	7.0870	13.001	-0.15403	7.0854 358.75 *
					54.013	24.00000	10.82609	21.00000	0.0	7.0574	12.905	-0.15339	7.0557 358.75 *
					56.013	26.00000	10.78261	21.00000	0.0	7.0278	12.791	-0.15274	7.0262 358.75 *
					58.014	28.00000	10.73913	21.00000	0.0	6.9983	12.661	-0.15209	6.9967 358.75 *
					60.014	30.00000	10.69565	21.00000	0.0	6.9689	12.514	-0.15146	6.9672 358.75 *
					62.015	32.00000	10.65217	21.00000	0.0	6.9395	12.342	-0.15082	6.9378 358.75 *
					64.015	34.00000	10.60870	21.00000	0.0	6.9101	12.134	-0.15018	6.9085 358.75 *
					66.016	36.00000	10.56522	21.00000	0.0	6.8809	11.870	-0.14955	6.8792 358.75 *
					68.016	38.00000	10.52174	21.00000	0.0	6.8516	11.517	-0.14891	6.8500 358.75 *
					70.017	40.00000	10.47826	21.00000	0.0	6.8225	11.015	-0.14828	6.8209 358.75 *
					72.017	42.00000	10.43478	21.00000	0.0	6.7934	10.274	-0.14765	6.7918 358.75 *
					74.017	44.00000	10.39130	21.00000	0.0	5.2973	8.0135	-0.11513	5.2960 358.75 *
					76.018	46.00000	10.34782	21.00000	0.0	4.7880	6.1925	-0.10406	4.7868 358.75 *
					78.018	48.00000	10.30435	21.00000	0.0	4.4456	4.8668	-0.096621	4.4446 358.75 *
					80.019	50.00000	10.26087	21.00000	0.0	4.2277	4.1132	-0.091886	4.2267 358.75 *
					82.019	52.00000	10.21739	21.00000	0.0	4.0825	3.6774	-0.088732	4.0817 358.75 *
					84.020	54.00000	10.17391	21.00000	-1.3246	2.9419	3.6188	-1.3882	2.9124 358.75 *
					86.020	56.00000	10						



RSK ENVIRONMENT LIMITED

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δy perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					6.0052	179.75000	84.00000	21.50000	0.0	0.0	-0.061356	0.0	0.0 267.61 *
					8.0069	179.66667	82.00000	21.50000	0.0	0.0	-0.062166	0.0	0.0 267.61 *
					10.009	179.58333	80.00000	21.50000	0.0	0.0	-0.062965	0.0	0.0 267.61 *
					12.010	179.50000	78.00000	21.50000	0.0	0.0	-0.063752	0.0	0.0 267.61 *
					14.012	179.41667	76.00000	21.50000	0.0	0.0	-0.064527	0.0	0.0 267.61 *
					16.014	179.33333	74.00000	21.50000	0.0	0.0	-0.065286	0.0	0.0 267.61 *
					18.016	179.25000	72.00000	21.50000	0.0	0.0	-0.066030	0.0	0.0 267.61 *
					20.017	179.16667	70.00000	21.50000	0.0	0.0	-0.066757	0.0	0.0 267.61 *
					22.019	179.08333	68.00000	21.50000	0.0	0.0	-0.067465	0.0	0.0 267.61 *
					24.021	179.00000	66.00000	21.50000	0.0	0.0	-0.068153	0.0	0.0 267.61 *
					26.023	178.91667	64.00000	21.50000	0.0	0.0	-0.068820	0.0	0.0 267.61 *
					28.024	178.83333	62.00000	21.50000	0.0	0.0	-0.069464	0.0	0.0 267.61 *
					30.026	178.75000	60.00000	21.50000	0.0	0.0	-0.070084	0.0	0.0 267.61 *
					32.028	178.66667	58.00000	21.50000	0.0	0.0	-0.070679	0.0	0.0 267.61 *
					34.030	178.58333	56.00000	21.50000	0.0	0.0	-0.071247	0.0	0.0 267.61 *
					36.031	178.50000	54.00000	21.50000	0.0	0.0	-0.071787	0.0	0.0 267.61 *
					38.033	178.41667	52.00000	21.50000	0.0	0.0	-0.072298	0.0	0.0 267.61 *
					40.035	178.33333	50.00000	21.50000	0.0	0.0	-0.072778	0.0	0.0 267.61 *
					42.036	178.25000	48.00000	21.50000	0.0	0.0	-0.073227	0.0	0.0 267.61 *
					44.038	178.16667	46.00000	21.50000	0.0	0.0	-0.073644	0.0	0.0 267.61 *
					46.040	178.08333	44.00000	21.50000	0.0	0.0	-0.074027	0.0	0.0 267.61 *
					48.042	178.00000	42.00000	21.50000	0.0	0.0	-0.074376	0.0	0.0 267.61 *
					50.043	177.91667	40.00000	21.50000	0.0	0.0	-0.074689	0.0	0.0 267.61 *
					52.045	177.83333	38.00000	21.50000	0.0	0.0	-0.074966	0.0	0.0 267.61 *
					54.047	177.75000	36.00000	21.50000	0.0	0.0	-0.075206	0.0	0.0 267.61 *
					56.049	177.66667	34.00000	21.50000	0.0	0.0	-0.075410	0.0	0.0 267.61 *
					58.050	177.58333	32.00000	21.50000	0.0	0.0	-0.075575	0.0	0.0 267.61 *
					60.052	177.50000	30.00000	21.50000	0.0	0.0	-0.075701	0.0	0.0 267.61 *
					62.054	177.41667	28.00000	21.50000	0.0	0.0	-0.075790	0.0	0.0 267.61 *
					64.056	177.33333	26.00000	21.50000	0.0	0.0	-0.075838	0.0	0.0 267.61 *
					66.057	177.25000	24.00000	21.50000	0.0	0.0	-0.075849	0.0	0.0 267.61 *
					68.059	177.16667	22.00000	21.50000	0.0	0.0	-0.075820	0.0	0.0 267.61 *
					70.061	177.08333	20.00000	21.50000	0.0	0.0	-0.075752	0.0	0.0 267.61 *
					72.062	177.00000	18.00000	21.50000	0.0	0.0	-0.075646	0.0	0.0 267.61 *
					74.064	176.91667	16.00000	21.50000	0.0	0.0	-0.075501	0.0	0.0 267.61 *
					76.066	176.83333	14.00000	21.50000	0.0	0.0	-0.075317	0.0	0.0 267.61 *
					78.068	176.75000	12.00000	21.50000	0.0	0.0	-0.075097	0.0	0.0 267.61 *
					80.069	176.66667	10.00000	21.50000	0.0	0.0	-0.074839	0.0	0.0 267.61 *
					82.071	176.58333	8.00000	21.50000	0.0	0.0	-0.074544	0.0	0.0 267.61 *
					84.073	176.50000	6.00000	21.50000	0.0	0.0	-0.074214	0.0	0.0 267.61 *
					86.075	176.41667	4.00000	21.50000	0.0	0.0	-0.073849	0.0	0.0 267.61 *
					88.076	176.33333	2.00000	21.50000	0.0	0.0	-0.073450	0.0	0.0 267.61 *
					90.078	176.25000	0.00000	21.50000	0.0	0.0	-0.073017	0.0	0.0 267.61 *
					92.080	176.16667	-2.00000	21.50000	0.0	0.0	-0.072553	0.0	0.0 267.61 *
					94.082	176.08333	-4.00000	21.50000	0.0	0.0	-0.072058	0.0	0.0 267.61 *
					96.083	176.00000	-6.00000	21.50000	0.0	0.0	-0.071533	0.0	0.0 267.61 *
					98.085	175.91667	-8.00000	21.50000	0.0	0.0	-0.070980	0.0	0.0 267.61 *
					100.09	175.83333	-10.00000	21.50000	0.0	0.0	-0.070399	0.0	0.0 267.61 *
					102.09	175.75000	-12.00000	21.50000	0.0	0.0	-0.069792	0.0	0.0 267.61 *
					104.09	175.66667	-14.00000	21.50000	0.0	0.0	-0.069160	0.0	0.0 267.61 *
					106.09	175.58333	-16.00000	21.50000	0.0	0.0	-0.068505	0.0	0.0 267.61 *
					108.09	175.50000	-18.00000	21.50000	0.0	0.0	-0.067828	0.0	0.0 267.61 *
					110.10	175.41667	-20.00000	21.50000	0.0	0.0	-0.067131	0.0	0.0 267.61 *
					112.10	175.33333	-22.00000	21.50000	0.0	0.0	-0.066414	0.0	0.0 267.61 *
					114.10	175.25000	-24.00000	21.50000	0.0	0.0	-0.065679	0.0	0.0 267.61 *
					116.10	175.16667	-26.00000	21.50000	0.0	0.0	-0.064927	0.0	0.0 267.61 *
					118.10	175.08333	-28.00000	21.50000	0.0	0.0	-0.064160	0.0	0.0 267.61 *
					120.10	175.00000	-30.00000	21.50000	0.0	0.0	-0.063380	0.0	0.0 267.61 *
48			RW_1		0.0	0.00000	63.00000	22.00000	0.0	0.0	-0.89494	0.0	0.0 7.8831 *
					1.9885	1.96970	63.27273	22.00000	0.014164	-0.059564	0.005861	-0.060944	7.8831 *
					3.9770	3.93939	63.54545	22.00000	0.019009	-0.13749	-0.81390	-28.7432	-6 -0.13880 7.8831 *
					5.9655	5.90909	63.81818	22.00000	0.0078117	-0.14799	-0.79344	-0.012560	-0.14767 7.8831 *
					7.9540	7.87879	64.09091	22.00000	0.0	-0.074659	-0.79306	-0.010240	-0.073954 7.8831 *
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	-0.80586	0.0	0.0 7.8831 *
					11.931	11.81818	64.63636	22.00000	0.0	0.0	-0.81953	0.0	0.0 7.8831 *
					13.919	13.78788	64.90909	22.00000	0.0	0.0	-0.82222	0.0	0.0 7.8831 *
					15.908	15.75758	65.18182	22.00000	0.0	0.0	-0.84271	0.0	0.0 7.8831 *
					17.896	17.72727	65.45455	22.00000	0.0	0.0	-0.86921	0.0	0.0 7.8831 *
					19.885	19.69697	65.72727	22.00000	0.0	0.0	-0.89967	0.0	0.0 7.8831 *
					21.873	21.66667	66.00000	22.00000	0.0	0.0	-0.93202	0.0	0.0 7.8831 *
					23.862	23.63636	66.27273	22.00000	0.0	0.0	-0.96439	0.0	0.0 7.8831 *
					25.850	25.60606	66.54545	22.00000	0.0	0.0	-0.99520	0.0	0.0 7.8831 *
					27.839	27.57576	66.81818	22.00000	0.0	0.0	-1.0232	0.0	0.0 7.8831 *
					29.827	29.54545	67.09091	22.00000	0.0	0.0	-1.0476	0.0	0.0 7.8831 *
					31.816	31.51515	67.36364	22.00000	0.0	0.0	-1.0678	0.0	0.0 7.8831 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					98.039	156.52830	107.13208	22.00000	0.0	0.0	-0.075438	0.0	0.0 20.999 *
					100.04	158.39623	107.84906	22.00000	0.0	0.0	-0.072681	0.0	0.0 20.999 *
					102.04	160.26415	108.56604	22.00000	0.0	0.0	-0.070053	0.0	0.0 20.999 *
					104.04	162.13208	109.28302	22.00000	0.0	0.0	-0.067548	0.0	0.0 20.999 *
					106.04	164.00000	110.00000	22.00000	0.0	0.0	-0.065158	0.0	0.0 20.999 *
	50		canal wall L1		0.0	5.99000	50.78000	21.50000	1.1914	-5.4180	10.401	1.2394	-5.4072 359.49 *
					2.0844	8.08429	50.76143	21.50000	0.0	-6.7736	12.739	0.06063	-6.7733 359.49 *
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	13.732	0.060173	-6.7857 359.49 *
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	14.311	0.060284	-6.7981 359.49 *
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	15.411	0.060394	-6.8106 359.49 *
					10.472	16.46143	50.68714	21.50000	0.0	-6.8233	15.615	0.060504	-6.8230 359.49 *
					12.566	18.55571	50.66857	21.50000	-0.25825	-6.8236	14.823	-0.19773	-6.8256 359.49 *
					14.661	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.064	-0.46034	-6.7246 359.49 *
	51		canal wall L2		0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.064	0.41602	-6.7274 352.04 *
					2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	15.306	0.42122	-6.8116 352.04 *
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	14.771	0.42646	-6.8963 352.04 *
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	15.481	0.43172	-6.9814 352.04 *
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	15.531	0.43702	-7.0670 352.04 *
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	15.085	0.44234	-7.1531 352.04 *
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	15.459	0.44770	-7.2397 352.04 *
					14.317	34.82889	48.66667	21.50000	-0.56628	-7.3190	15.314	0.45309	-7.3269 352.04 *
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	14.716	0.45851	-7.4145 352.04 *
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.309	0.46396	-7.5027 352.04 *
	52		canal wall L3		0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.309	-1.0488	-7.4435 3.5959 *
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2955	14.174	-1.0209	-7.2458 3.5959 *
					4.1056	42.97570	48.35750	21.50000	-0.57022	-5.8482	11.535	-0.50355	-5.8281 3.5959 *
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	9.0487	-0.40249	-5.0841 3.5959 *
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	7.2839	-0.33341	-4.5672 3.5959 *
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	6.2282	-0.29113	-4.2404 3.5959 *
					12.317	51.17250	48.87250	21.50000	-0.011284	-4.0299	4.9237	-0.26402	-4.0213 3.5959 *
					14.370	53.22125	49.00125	21.50000	-1.2984	-2.8090	4.3833	-1.4720	-2.7221 3.5959 *
					16.422	55.27000	49.13000	21.50000	-1.9790	-1.8105	3.3427	-2.0887	-1.6828 3.5959 *
	53		canal wall L4		0.0	55.27000	49.13000	21.50000	-1.9790	-1.8105	3.3427	-2.4900	-0.99726 20.627 *
					1.9865	57.12918	49.82984	21.50000	-1.7676	-1.2335	1.8690	-2.0889	-0.53168 20.627 *
					3.9731	58.98936	50.52967	21.50000	-1.3235	-0.80636	0.74432	-1.5228	-0.28840 20.627 *
					5.9596	60.84787	51.22951	21.50000	-0.76035	-0.46113	0.013987	-0.87405	-0.16371 20.627 *
					7.9461	62.70672	51.92934	21.50000	-0.27874	-0.16461	-0.44967	-0.31886	-0.055857 20.627 *
					9.9327	64.56590	52.62918	21.50000	0.0	0.0	-0.82639	0.0	0.0 20.627 *
					11.919	66.42508	53.32902	21.50000	0.0	0.0	-0.94594	0.0	0.0 20.627 *
					13.906	68.28426	54.02885	21.50000	0.0	0.0	-0.94897	0.0	0.0 20.627 *
					15.892	70.14344	54.72869	21.50000	0.0	0.0	-0.93428	0.0	0.0 20.627 *
					17.879	72.00262	55.42852	21.50000	0.0	0.0	-0.90810	0.0	0.0 20.627 *
					19.865	73.86180	56.12836	21.50000	0.0	0.0	-0.87472	0.0	0.0 20.627 *
					21.852	75.72098	56.82820	21.50000	0.0	0.0	-0.83711	0.0	0.0 20.627 *
					23.838	77.58016	57.52803	21.50000	0.0	0.0	-0.79732	0.0	0.0 20.627 *
					25.825	79.43934	58.22787	21.50000	0.0	0.0	-0.75680	0.0	0.0 20.627 *
					27.811	81.29852	58.92770	21.50000	0.0	0.0	-0.71651	0.0	0.0 20.627 *
					29.798	83.15770	59.62754	21.50000	0.0	0.0	-0.67713	0.0	0.0 20.627 *
					31.785	85.01689	60.32738	21.50000	0.0	0.0	-0.63909	0.0	0.0 20.627 *
					33.771	86.87607	61.02721	21.50000	0.0	0.0	-0.60262	0.0	0.0 20.627 *
					35.758	88.73525	61.72705	21.50000	0.0	0.0	-0.56801	0.0	0.0 20.627 *
					37.744	90.59443	62.42689	21.50000	0.0	0.0	-0.53520	0.0	0.0 20.627 *
					39.731	92.45361	63.12672	21.50000	0.0	0.0	-0.50425	0.0	0.0 20.627 *
					41.717	94.31279	63.82656	21.50000	0.0	0.0	-0.47514	0.0	0.0 20.627 *
					43.704	96.17197	64.52639	21.50000	0.0	0.0	-0.44781	0.0	0.0 20.627 *
					45.690	98.03115	65.22623	21.50000	0.0	0.0	-0.42219	0.0	0.0 20.627 *
					47.677	99.89033	65.92607	21.50000	0.0	0.0	-0.39820	0.0	0.0 20.627 *
					49.663	101.74951	66.62590	21.50000	0.0	0.0	-0.37576	0.0	0.0 20.627 *
					51.650	103.60869	67.32574	21.50000	0.0	0.0	-0.35478	0.0	0.0 20.627 *
					53.636	105.46787	68.02557	21.50000	0.0	0.0	-0.33516	0.0	0.0 20.627 *
					55.623	107.32705	68.72541	21.50000	0.0	0.0	-0.31682	0.0	0.0 20.627 *
					57.610	109.18623	69.42525	21.50000	0.0	0.0	-0.29967	0.0	0.0 20.627 *
					59.596	111.04541	70.12508	21.50000	0.0	0.0	-0.28364	0.0	0.0 20.627 *
					61.583	112.90459	70.82492	21.50000	0.0	0.0	-0.26865	0.0	0.0 20.627 *
					63.569	114.76377	71.52475	21.50000	0.0	0.0	-0.25462	0.0	0.0 20.627 *
					65.556	116.62295	72.22459	21.50000	0.0	0.0	-0.24148	0.0	0.0 20.627 *
					67.542	118.48213	72.92443	21.50000	0.0	0.0	-0.22918	0.0	0.0 20.627 *
					69.529	120.34131	73.62426	21.50000	0.0	0.0	-0.21765	0.0	0.0 20.627 *
					71.515	122.20049	74.32410	21.50000	0.0	0.0	-0.20685	0.0	0.0 20.627 *
					73.502	124.05967	75.02393	21.50000	0.0	0.0	-0.19671	0.0	0.0 20.627 *
					75.488	125.91885	75.72377	21.50000	0.0	0.0	-0.18719	0.0	0.0 20.627 *
					77.475	127.77803	76.42361	21.50000	0.0	0.0	-0.17825	0.0	0.0 20.627 *
					79.461	129.63721	77.12344	21.50000	0.0	0.0	-0.16985	0.0	0.0 20.627 *
					81.448	131.49639	77.82328	21.50000	0.0	0.0	-0.16194	0.0	0.0 20.627 *
					83.434	133.35557	78.52311	21.50000	0.0	0.0	-0.15450	0.0	0.0 20.627 *
					85.421	135.21475	79.22295	21.50000	0.0	0.0	-0.14750	0.0	0.0 20.627 *
					87.408	137.07393	79.92279	21.50000	0.0	0.0	-0.14089	0.0	0.0 20.627 *
					89.394	138.93311	80.62262	21.50000	0.0	0.0	-0.13467	0.0	0.0 20.627 *
					91.381	140.79230	81.32246	21.50000	0.0	0.0	-0.12879	0.0	0.0 20.627 *
					93.367	142.65148	82.02230	21.50000	0.0	0.0	-0.12324	0.0	0.0 20.627 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
						20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
3	Canal Side	Studios_3	Canal Side	Studios_3		0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
						1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0 d
						3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0 d
						5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0 d
						7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0 d
						9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0 d
						11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0 d
						13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0 d
						15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0 d
						17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0 d
						19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0 d
						21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0 d
						23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0 d
						25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0 d
						27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0 d
						29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0 d
						31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0 d
						33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0 d
						35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
4	Canal Side	Studios_4	Canal Side	Studios_4		0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
						2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
						4.0000	-10.00000	14.00000	22.00000	0.0017685	60.5695E-6	0.0017685	60.5695E-6 d
						6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.73877	0.027827 d
						8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	1.4692	0.061841 d
						10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	2.1897	0.10522 d
						12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	3.2402	0.18309 d
						14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.2827	0.29736 d
						16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.3100	0.48657 d
						18.000	4.00000	14.00000	22.00000	6.2339	0.86336	6.2339	0.86336 d
						20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491 d
5	Beaumont Court_1		Beaumont Court_1			0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972 d
						2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133 d
						4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.072435	-1.3038 d
						6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.074746	-1.3454 d
						8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.077057	-1.3870 d
						10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.079368	-1.4286 d
						12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.081680	-1.4702 d
						14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.083991	-1.5118 d
						16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.086302	-1.5534 d
						18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.088613	-1.5950 d
6	Beaumont Court_2		Beaumont Court_2			0.0	27.00000	1.00000	20.00000	0.0	1.5975	-1.5909	-0.14463 d
						1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.90626	-0.082388 d
						3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.22159	-0.020144 d
						5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.0	0.0 d
						7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0	0.0 d
						9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0	0.0 d
						11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
7	Beaumont Court_3		Beaumont Court_3			0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
8	Beaumont Court_4		Beaumont Court_4			0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0 d
						3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0 d
						5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0 d
						7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0 d
						9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0	0.0 d
						11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0	0.0 d
						13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0 d
						15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0 d
						17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0 d
						19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0 d
						21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0 d
						23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0	0.0 d
						25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0	0.0 d
						27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0	0.0 d
						29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0	0.0 d
						31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0	0.0 d
						33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0	0.0 d
						35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0	0.0 d
						37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0	0.0 d
						39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0 d
						41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0	0.0 d
						43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0	0.0 d
						45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0	0.0 d
						47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0	0.0 d
						49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0	0.0 d
						51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0 d
						53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0 d
						55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0	0.0 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.0	0.0 d
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0 d
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0 d
						11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
	13	TP No.1_3		TP No.1_3		0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0 d
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0 d
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0 d
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0 d
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0 d
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0 d
	14	TP No.1_4		TP No.1_4		14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0 d
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0 d
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0 d
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0 d
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
	15	TP No.1_5		TP No.1_5		0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0 d
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0 d
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0 d
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0 d
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0 d
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0 d
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0 d
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0 d
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0 d
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0 d
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0 d
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0 d
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0 d
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0 d
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0 d
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0 d
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0 d
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0 d
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0 d
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0 d
	16	TP No.1_6		TP No.1_6		41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
	17	TP No.1_7		TP No.1_7		0.0	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0691	104.12500	-33.12500	20.00000	0.0	0.0	0.0	0.0 d
						4.1382	102.25000	-32.25000	20.00000	0.0	0.0	0.0	0.0 d
						6.2074	100.37500	-31.37500	20.00000	0.0	0.0	0.0	0.0 d
						8.2765	98.50000	-30.50000	20.00000	0.0	0.0	0.0	0.0 d
						10.346	96.62500	-29.62500	20.00000	0.0	0.0	0.0	0.0 d
						12.415	94.75000	-28.75000	20.00000	0.0	0.0	0.0	0.0 d
						14.484	92.87500	-27.87500	20.00000	0.0	0.0	0.0	0.0 d
	18	TP No.1_8		TP No.1_8		16.553	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0138	91.83333	-25.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.0277	92.66667	-23.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.0415	93.50000	-21.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.0554	94.33333	-19.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.069	95.16667	-17.83333	20.00000	0.0	0.0	0.0	0.0 d
	19	TP No.2_1		TP No.2_1		12.083	96.00000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	148.00000	-41.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9906	146.20000	-40.15000	20.00000	0.0	0.0	0.0	0.0 d
						3.9812	144.40000	-39.30000	20.00000	0.0	0.0	0.0	0.0 d
						5.9718	142.60000	-38.45000	20.00000	0.0	0.0	0.0	0.0 d
						7.9624	140.80000	-37.60000	20.00000	0.0	0.0	0.0	0.0 d
						9.9530	139.00000	-36.75000	20.00000	0.0	0.0	0.0	0.0 d
						11.944	137.20000	-35.90000	20.00000	0.0	0.0	0.0	0.0 d
						13.934	135.40000	-35.05000	20.00000	0.0	0.0	0.0	0.0 d
						15.925	133.60000	-34.20000	20.00000	0.0	0.0	0.0	0.0 d
						17.915	131.80000	-33.35000	20.00000	0.0	0.0	0.0	0.0 d
						19.906	130.00000	-32.50000	20.00000	0.0	0.0	0.0	0.0 d
						21.897	128.20000	-31.65000	20.00000	0.0	0.0	0.0	0.0 d
						23.887	126.40000	-30.80000	20.00000	0.0	0.0	0.0	0.0 d
						25.878	124.60000	-29.95000	20.00000	0.0	0.0	0.0	0.0 d
						27.868	122.80000	-29.10000	20.00000	0.0	0.0	0.0	0.0 d
						29.859	121.00000	-28.25000	20.00000	0.0	0.0	0.0	0.0 d
						31.850	119.20000	-27.40000	20.00000	0.0	0.0	0.0	0.0 d
						33.840	117.40000	-26.55000	20.00000	0.0	0.0	0.0	0.0 d
						35.831	115.60000	-25.70000	20.00000	0.0	0.0	0.0	0.0 d
						37.821	113.80000	-24.85000	20.00000	0.0	0.0	0.0	0.0 d
	20	TP No.2_2_											



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	Δr_perp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]
						44.871	159.52000	-35.64000	20.00000	0.0	0.0	0.0	0.0 d
						46.911	157.68000	-34.76000	20.00000	0.0	0.0	0.0	0.0 d
						48.951	155.84000	-33.88000	20.00000	0.0	0.0	0.0	0.0 d
						50.990	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9166	153.14286	-34.71429	20.00000	0.0	0.0	0.0	0.0 d
						3.8333	152.28571	-36.42857	20.00000	0.0	0.0	0.0	0.0 d
						5.7499	151.42857	-38.14286	20.00000	0.0	0.0	0.0	0.0 d
						7.6665	150.57143	-39.85714	20.00000	0.0	0.0	0.0	0.0 d
						9.5833	149.71429	-41.57143	20.00000	0.0	0.0	0.0	0.0 d
						11.500	148.85714	-43.28571	20.00000	0.0	0.0	0.0	0.0 d
						13.416	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0227	149.84000	-45.84000	20.00000	0.0	0.0	0.0	0.0 d
						4.0453	151.68000	-46.68000	20.00000	0.0	0.0	0.0	0.0 d
						6.0680	153.52000	-47.52000	20.00000	0.0	0.0	0.0	0.0 d
						8.0907	155.36000	-48.36000	20.00000	0.0	0.0	0.0	0.0 d
						10.113	157.20000	-49.20000	20.00000	0.0	0.0	0.0	0.0 d
						12.136	159.04000	-50.04000	20.00000	0.0	0.0	0.0	0.0 d
						14.159	160.88000	-50.88000	20.00000	0.0	0.0	0.0	0.0 d
						16.181	162.72000	-51.72000	20.00000	0.0	0.0	0.0	0.0 d
						18.204	164.56000	-52.56000	20.00000	0.0	0.0	0.0	0.0 d
						20.227	166.40000	-53.40000	20.00000	0.0	0.0	0.0	0.0 d
						22.249	168.24000	-54.24000	20.00000	0.0	0.0	0.0	0.0 d
						24.272	170.08000	-55.08000	20.00000	0.0	0.0	0.0	0.0 d
						26.295	171.92000	-55.92000	20.00000	0.0	0.0	0.0	0.0 d
						28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0 d
						30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0 d
						32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0 d
						34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0 d
						36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0 d
						38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0 d
						40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0 d
						42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0 d
						44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0 d
						46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0 d
						48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0 d
						50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	195.84000	-66.84000	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	189.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	189.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	189.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	189.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	189.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	189.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						1.9474	190.94737	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						3.8947	192.89474	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						5.8421	194.84211	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						7.7895	196.78947	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						9.7368	198.73684	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						11.684	200.68421	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						13.632	202.63158	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						15.579	204.57895	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						17.526	206.52632	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	226.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0 d
						16.000	226.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0 d
						18.000	226.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0 d
						20.000	226.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0 d
						22.000	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	224.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	222.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	220.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	218.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	216.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	214.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	212.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	212.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	212.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	212.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	212.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	212.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	212.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	212.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						1.9167	210.08333	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						3.8333	208.16667	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						5.7500	206.25000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						7.6667	204.33333	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						9.5833	202.41667	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						11.500	200.50000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						13.417	198.58333	-19.00000	19.00000	0.0	0.0	0.0	0.0 d



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UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δzperp	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						26.0000	215.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	217.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	219.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	221.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						34.0000	223.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						36.0000	225.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
		35	Hospital No.2_3	Hospital No.2_3		0.0	225.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	225.000000	7.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	225.000000	9.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	225.000000	11.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	225.000000	13.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	225.000000	15.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	225.000000	17.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	225.000000	19.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	225.000000	21.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	225.000000	23.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	225.000000	25.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	225.000000	27.000000	19.000000	0.0	0.0	0.0	0.0
						24.0000	225.000000	29.000000	19.000000	0.0	0.0	0.0	0.0
						26.0000	225.000000	31.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	225.000000	33.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	225.000000	35.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	225.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
		36	Hospital No.2_4	Hospital No.2_4		0.0	225.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	223.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	221.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	219.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	217.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	215.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	213.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	211.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	209.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	207.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	205.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	203.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						24.0000	201.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						26.0000	199.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	197.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	195.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	193.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						34.0000	191.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						36.0000	189.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
		37	Hospital No.3_1	Hospital No.3_1		0.0	189.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						1.9375	189.000000	75.062500	19.000000	0.0	0.0	0.0	0.0
						3.8750	189.000000	73.125000	19.000000	0.0	0.0	0.0	0.0
						5.8125	189.000000	71.187500	19.000000	0.0	0.0	0.0	0.0
						7.7500	189.000000	69.250000	19.000000	0.0	0.0	0.0	0.0
						9.6875	189.000000	67.312500	19.000000	0.0	0.0	0.0	0.0
						11.6250	189.000000	65.375000	19.000000	0.0	0.0	0.0	0.0
						13.5630	189.000000	63.437500	19.000000	0.0	0.0	0.0	0.0
						15.5000	189.000000	61.500000	19.000000	0.0	0.0	0.0	0.0
						17.4380	189.000000	59.562500	19.000000	0.0	0.0	0.0	0.0
						19.3750	189.000000	57.625000	19.000000	0.0	0.0	0.0	0.0
						21.3130	189.000000	55.687500	19.000000	0.0	0.0	0.0	0.0
						23.2500	189.000000	53.750000	19.000000	0.0	0.0	0.0	0.0
						25.1880	189.000000	51.812500	19.000000	0.0	0.0	0.0	0.0
						27.1250	189.000000	49.875000	19.000000	0.0	0.0	0.0	0.0
						29.0630	189.000000	47.937500	19.000000	0.0	0.0	0.0	0.0
						31.0000	189.000000	46.000000	19.000000	0.0	0.0	0.0	0.0
		38	Hospital No.3_2	Hospital No.3_2		0.0	189.000000	46.000000	19.000000	0.0	0.0	0.0	0.0
						1.8000	190.800000	46.000000	19.000000	0.0	0.0	0.0	0.0
						3.6000	192.600000	46.000000	19.000000	0.0	0.0	0.0	0.0
						5.4000	194.400000	46.000000	19.000000	0.0	0.0	0.0	0.0
						7.2000	196.200000	46.000000	19.000000	0.0	0.0	0.0	0.0
						9.0000	198.000000	46.000000	19.000000	0.0	0.0	0.0	0.0
		39	Hospital No.3_3	Hospital No.3_3		0.0	198.000000	46.000000	19.000000	0.0	0.0	0.0	0.0
						1.8000	198.000000	47.800000	19.000000	0.0	0.0	0.0	0.0
						3.6000	198.000000	49.600000	19.000000	0.0	0.0	0.0	0.0
						5.4000	198.000000	51.400000	19.000000	0.0	0.0	0.0	0.0
						7.2000	198.000000	53.200000	19.000000	0.0	0.0	0.0	0.0
						9.0000	198.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
		40	Hospital No.3_4	Hospital No.3_4		0.0	198.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	200.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	202.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	204.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	206.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	208.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	210.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	212.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	214.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	216.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	218.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	220.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
		41	Hospital No.3_5	Hospital No.3_5		0.0	222.000000	55.000000	19.000000	0.0	0.0	0.0	0.0
						1.8000	222.000000	53.200000	19.000000	0.0	0.0	0.0	0.0
						3.6000	222.000000	51.400000	19.000000	0.0	0.0	0.0	0.0
						5.4000	222.000000	49.600000	19.000000	0.0	0.0	0.0	0.0
						7.2000	222.000000	47.800000	19.000000	0.0	0.0	0.0	0.0
						9.0000	222.000000	46.000000	19.000000	0.0	0.0	0.0	0.0
		42	Hospital No.3_6	Hospital No.3_6		0.0	222.000000	46.000000	19.000000	0.0	0.0	0.0	0.0
		</											



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Ref.			[m]	[m]	[m]	[m]	[mm]	
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000 22.00000 14.652 d
						1.9444	6.00000	15.94444 22.00000 16.828 d
						3.8889	6.00000	17.88889 22.00000 17.561 d
						5.8333	6.00000	19.83333 22.00000 18.217 d
						7.7778	6.00000	21.77778 22.00000 19.242 d
						9.7222	6.00000	23.72222 22.00000 20.921 d
						11.667	6.00000	25.66667 22.00000 22.631 d
						13.611	6.00000	27.61111 22.00000 23.480 d
						15.556	6.00000	29.55556 22.00000 23.625 d
						17.500	6.00000	31.50000 22.00000 23.216 d
						19.444	6.00000	33.44444 22.00000 22.189 d
						21.389	6.00000	35.38889 22.00000 21.047 d
						23.333	6.00000	37.33333 22.00000 20.180 d
						25.278	6.00000	39.27778 22.00000 19.784 d
						27.222	6.00000	41.22222 22.00000 19.776 d
						29.167	6.00000	43.16667 22.00000 20.162 d
						31.111	6.00000	45.11111 22.00000 20.991 d
						33.056	6.00000	47.05556 22.00000 20.549 d
						35.000	6.00000	49.00000 22.00000 14.070 d
2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	14.070 d
					2.0000	4.00000	49.00000 22.00000	10.204 d
					4.0000	2.00000	49.00000 22.00000	6.8953 d
					6.0000	0.0000	49.00000 22.00000	4.5278 d
					8.0000	-2.00000	49.00000 22.00000	2.6865 d
					10.000	-4.00000	49.00000 22.00000	1.2596 d
					12.000	-6.00000	49.00000 22.00000	0.22113 d
					14.000	-8.00000	49.00000 22.00000	-0.50594 d
					16.000	-10.00000	49.00000 22.00000	-0.87852 d
					18.000	-12.00000	49.00000 22.00000	-0.96647 d
					20.000	-14.00000	49.00000 22.00000	-0.98649 d
3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000	-0.98649 d
					1.9444	-14.00000	47.05556 22.00000	-0.99318 d
					3.8889	-14.00000	45.11111 22.00000	-0.99922 d
					5.8333	-14.00000	43.16667 22.00000	-1.0048 d
					7.7778	-14.00000	41.22222 22.00000	-1.0098 d
					9.7222	-14.00000	39.27778 22.00000	-1.0141 d
					11.667	-14.00000	37.33333 22.00000	-1.0177 d
					13.611	-14.00000	35.38889 22.00000	-1.0204 d
					15.556	-14.00000	33.44444 22.00000	-1.0221 d
					17.500	-14.00000	31.50000 22.00000	-1.0230 d
					19.444	-14.00000	29.55556 22.00000	-1.0230 d
					21.389	-14.00000	27.61111 22.00000	-1.0223 d
					23.333	-14.00000	25.66667 22.00000	-1.0210 d
					25.278	-14.00000	23.72222 22.00000	-1.0192 d
					27.222	-14.00000	21.77778 22.00000	-1.0169 d
					29.167	-14.00000	19.83333 22.00000	-1.0141 d
					31.111	-14.00000	17.88889 22.00000	-1.0106 d
					33.056	-14.00000	15.94444 22.00000	-1.0063 d
					35.000	-14.00000	14.00000 22.00000	-1.0009 d
4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	-1.0009 d
					2.0000	-12.00000	14.00000 22.00000	-0.98357 d
					4.0000	-10.00000	14.00000 22.00000	-0.93119 d
					6.0000	-8.00000	14.00000 22.00000	-0.74283 d
					8.0000	-6.00000	14.00000 22.00000	-0.051163 d
					10.000	-4.00000	14.00000 22.00000	0.93464 d
					12.000	-2.00000	14.00000 22.00000	2.3110 d
					14.000	0.00000	14.00000 22.00000	4.0980 d
					16.000	2.00000	14.00000 22.00000	5.2841 d
					18.000	4.00000	14.00000 22.00000	8.9941 d
					20.000	6.00000	14.00000 22.00000	14.652 d
5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	-0.52863 d
					2.0003	43.00000	0.11111 20.00000	-0.37971 d
					4.0062	41.00000	0.22222 20.00000	-0.1898 d
					6.0093	39.00000	0.33333 20.00000	-0.045179 d
					8.0123	37.00000	0.44444 20.00000	0.044553 d
					10.015	35.00000	0.55556 20.00000	0.12911 d
					12.019	33.00000	0.66667 20.00000	0.20849 d
					14.022	31.00000	0.77778 20.00000	0.28331 d
					16.025	29.00000	0.88889 20.00000	0.35435 d
					18.028	27.00000	1.00000 20.00000	0.42213 d
6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	0.42213 d
					1.8409	26.83333	-0.83333 20.00000	-0.39826 d
					3.6818	26.6667	-2.6667 20.00000	-0.76187 d
					5.5227	26.50000	-4.50000 20.00000	-0.93292 d
					7.3636	26.33333	-6.33333 20.00000	-1.0096 d
					9.2045	26.16667	-8.16667 20.00000	-1.0490 d
					11.045	26.00000	-10.00000 20.00000	-1.0616 d
7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	-1.0616 d
					1.7500	27.75000	-10.00000 20.00000	-1.0633 d
					3.5000	29.50000	-10.00000 20.00000	-1.0638 d
					5.2500	31.25000	-10.00000 20.00000	-1.0632 d
					7.0000	33.00000	-10.00000 20.00000	-1.0615 d
					8.0000	33.00000	-10.00000 20.00000	-1.0615 d
8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	-1.0615 d
					1.9749	32.84375	-11.96875 20.00000	-1.0521 d
					3.9499	32.68750	-13.93750 20.00000	-1.0287 d
					5.9248	32.53125	-15.90625 20.00000	-0.99610 d
					7.8998	32.37500	-17.87500 20.00000	-0.95760 d
					9.8747	32.21875	-19.84375 20.00000	-0.91564 d
					11.850	32.06250	-21.81250 20.00000	-0.87198 d
					13.825	31.90625	-23.78125 20.00000	-0.82787 d
					15.800	31.75000	-25.75000 20.00000	-0.78418 d
					17.774	31.59375	-27.71875 20.00000	-0.74154 d
					19.749	31.43750	-29.68750 20.00000	-0.70035 d
					21.724	31.28125	-31.65625 20.00000	-0.66088 d
					23.699	31.12500	-33.62500 20.00000	-0.62327 d
					25.674	30.96875	-35.59375 20.00000	-0.58762 d
					27.649	30.81250	-37.56250 20.00000	-0.55393 d
					29.624	30.65625	-39.53125 20.00000	-0.52218 d
					31.599	30.50000	-41.50000 20.00000	-0.49233 d
					33.574	30.34375	-43.46875 20.00000	-0.46431 d
					35.549	30.18750	-45.43750 20.00000	-0.43804 d
					37.524	30.03125	-47.40625 20.00000	-0.41342 d
					39.499	29.87500	-49.37500 20.00000	-0.39037 d
					41.474	29.71875	-51.34375 20.00000	-0.36880 d
					43.449	29.56250	-53.31250 20.00000	-0.34862 d
					45.424	29.40625	-55.28125 20.00000	-0.32973 d
					47.399	29.25000	-57.25000 20.00000	-0.31206 d
					49.374	29.09375	-59.21875 20.00000	-0.29551 d
					51.348	28.93750	-61.18750 20.00000	-0.28002 d
					53.323	28.78125	-63.15625 20.00000	-0.26551 d
					55.298	28.62500	-65.12500 20.00000	-0.25192 d
					57.273	28.46875	-67.09375 20.00000	-0.23918 d
					59.248	28.31250	-69.06250 20.00000	-0.22722 d
					61.223	28.15625	-71.03125 20.00000	-0.21601 d
					63.198	28.00000	-73.00000 20.00000	-0.20548 d
9	Beaumont Court_5	Beaumont Court_5	0.0	0.0	28.00000	-73.00000	20.00000	-0.20548 d
					2.0069	30.00000	-73.16667 20.00000	-0.20443 d
					4.0139	32.00000	-73.33333 20.00000	-0.20321 d
					6.0208	34.00000	-73.50000 20.00000	-0.20180 d
					8.0277	36.00000	-73.66667 20.00000	-0.20022 d
					10.035	38.00000	-73.83333 20.00000	-0.19848 d
					12.042	40.00000	-74.00000 20.00000	-0.19657 d
					0.0	40.00000	-74.00000 20.00000	-0.19657 d
10	Beaumont Court_6	Beaumont Court_6	0.0	0.0	40.00000	-74.00000	20.00000	-0.19657 d
					2.0046	40.13514	-72.00000 20.00000	-0.20654 d
					4.0091	40.27027	-70.00000 20.00000	-0.21714 d
					6.0137	40.40541	-68.00000 20.00000	-0.22843 d
					8.0182	40.54054	-66.00000 20.00000	-0.24046 d
					10.023	40.67568	-64.00000 20.00000	-0.25327 d
					12.027	40.81081	-62.00000 20.00000	-0.26693 d
					14.032	40.94595	-60.00000 20.00000	-0.28149 d
					16.036	41.08108	-58.00000 20.00000	-0.29703 d
					18.041	41.21622	-56.00000 20.00000	-0.31361 d
					20.046	41.35135	-54.00000 20.00000	-0.33131 d
					22.050	41.48649	-52.00000 20.00000	-0.35019 d
					24.055	41.62162	-50.00000 20.00000	-0.37034 d
					26.059	41.75676	-48.00000 20.00000	-0.39185 d
					28.064	41.89189	-46.00000 20.00000	-0.41479 d
					30.068	42.02703	-44.00000 20.00000	-0.43924 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[mm]	
						32.073	42.16216	-42.00000	20.00000	-0.46528
						34.078	42.29730	-40.00000	20.00000	-0.49300
						36.082	42.43243	-38.00000	20.00000	-0.52245
						38.087	42.56757	-36.00000	20.00000	-0.55368
						40.091	42.70270	-34.00000	20.00000	-0.58673
						42.096	42.83784	-32.00000	20.00000	-0.62158
						44.100	42.97297	-30.00000	20.00000	-0.65819
						46.105	43.10811	-28.00000	20.00000	-0.69647
						48.109	43.24324	-26.00000	20.00000	-0.73621
						50.114	43.37838	-24.00000	20.00000	-0.77713
						52.119	43.51351	-22.00000	20.00000	-0.81878
						54.123	43.64865	-20.00000	20.00000	-0.86053
						56.128	43.78378	-18.00000	20.00000	-0.90148
						58.132	43.91892	-16.00000	20.00000	-0.94037
						60.137	44.05405	-14.00000	20.00000	-0.97548
						62.141	44.18919	-12.00000	20.00000	-1.0044
						64.146	44.32432	-10.00000	20.00000	-1.0240
						66.150	44.45946	-8.00000	20.00000	-1.0297
						68.155	44.59459	-6.00000	20.00000	-1.0154
						70.160	44.72973	-4.00000	20.00000	-0.97249
						72.164	44.86486	-2.00000	20.00000	-0.8885
						74.169	45.00000	0.00000	20.00000	-0.52863
11		TP No.1_1		TP No.1_1	0.0	0.0	96.00000	-16.00000	20.00000	-0.36907
						1.8634	94.33333	-15.16667	20.00000	-0.38941
						3.7268	92.66667	-14.33333	20.00000	-0.41104
						5.5902	91.00000	-13.50000	20.00000	-0.43402
						7.4536	89.33333	-12.66667	20.00000	-0.45841
						9.3169	87.66667	-11.83333	20.00000	-0.48427
12		TP No.1_2		TP No.1_2	0.0	0.0	86.00000	-11.00000	20.00000	-0.51164
						1.8634	85.16667	-12.66667	20.00000	-0.50634
						3.7268	84.33333	-14.33333	20.00000	-0.50039
						5.5902	83.50000	-16.00000	20.00000	-0.49384
						7.4536	82.66667	-17.66667	20.00000	-0.48673
						9.3169	81.83333	-19.33333	20.00000	-0.47908
13		TP No.1_3		TP No.1_3	0.0	0.0	81.00000	-21.00000	20.00000	-0.47097
						2.0454	79.14286	-20.14286	20.00000	-0.49873
						4.0908	77.28571	-19.28571	20.00000	-0.52808
						6.1362	75.42857	-18.42857	20.00000	-0.55902
						8.1816	73.57143	-17.57143	20.00000	-0.59155
						10.227	71.71429	-16.71429	20.00000	-0.62558
						12.272	69.85714	-15.85714	20.00000	-0.66102
14		TP No.1_4		TP No.1_4	0.0	0.0	68.00000	-15.00000	20.00000	-0.69770
						2.0900	67.16667	-16.91667	20.00000	-0.67893
						4.1800	66.33333	-18.83333	20.00000	-0.65937
						6.2700	65.50000	-20.75000	20.00000	-0.63919
						8.3600	64.66667	-22.66667	20.00000	-0.61855
						10.450	63.83333	-24.58333	20.00000	-0.59762
15		TP No.1_5		TP No.1_5	0.0	0.0	63.00000	-26.50000	20.00000	-0.57654
						1.9699	64.76190	-27.38095	20.00000	-0.54836
						3.9397	66.52381	-28.26190	20.00000	-0.52133
						5.9096	68.28571	-29.14286	20.00000	-0.49545
						7.8795	70.04762	-30.02381	20.00000	-0.47075
						9.8493	71.80952	-30.90476	20.00000	-0.44721
						11.819	73.57143	-31.78571	20.00000	-0.42482
						13.789	75.33333	-32.66667	20.00000	-0.40356
						15.759	77.09524	-33.54762	20.00000	-0.38339
						17.729	78.85714	-34.42857	20.00000	-0.36427
						19.699	80.61905	-35.30952	20.00000	-0.34618
						21.669	82.38095	-36.19048	20.00000	-0.32906
						23.638	84.14286	-37.07143	20.00000	-0.31287
						25.608	85.90476	-37.95238	20.00000	-0.29757
						27.578	87.66667	-38.83333	20.00000	-0.28311
						29.548	89.42857	-39.71429	20.00000	-0.26945
						31.518	91.19048	-40.59524	20.00000	-0.25655
						33.488	92.95238	-41.47619	20.00000	-0.24437
						35.458	94.71429	-42.35714	20.00000	-0.23286
						37.428	96.47619	-43.23810	20.00000	-0.22199
						39.397	98.23810	-44.11905	20.00000	-0.21172
16		TP No.1_6		TP No.1_6	0.0	0.0	100.00000	-45.00000	20.00000	-0.20201
						2.0883	101.00000	-43.16667	20.00000	-0.20529
						4.1767	102.00000	-41.33333	20.00000	-0.20844
						6.2650	103.00000	-39.50000	20.00000	-0.21143
						8.3533	104.00000	-37.66667	20.00000	-0.21426
						10.442	105.00000	-35.83333	20.00000	-0.21692
17		TP No.1_7		TP No.1_7	0.0	0.0	106.00000	-34.00000	20.00000	-0.21939
						2.0691	104.12500	-33.12500	20.00000	-0.23109
						4.1382	102.25000	-32.25000	20.00000	-0.24355
						6.2074	100.37500	-31.37500	20.00000	-0.25684
						8.2765	98.50000	-30.50000	20.00000	-0.27101
						10.346	96.62500	-29.62500	20.00000	-0.28613
						12.415	94.75000	-28.75000	20.00000	-0.30225
						14.484	92.87500	-27.87500	20.00000	-0.31945
18		TP No.1_8		TP No.1_8	0.0	0.0	91.00000	-27.00000	20.00000	-0.33779
						2.0138	91.83333	-25.16667	20.00000	-0.34387
						4.0277	92.66667	-23.33333	20.00000	-0.34965
						6.0415	93.50000	-21.50000	20.00000	-0.35509
						8.0554	94.33333	-19.66667	20.00000	-0.36016
						10.069	95.16667	-17.83333	20.00000	-0.36483
19		TP No.2_1		TP No.2_1	0.0	0.0	96.00000	-16.00000	20.00000	-0.36907
						1.9906	146.20000	-40.15000	20.00000	-0.095093
						3.9812	144.40000	-39.30000	20.00000	-0.099037
						5.9718	142.60000	-38.45000	20.00000	-0.103020
						7.9624	140.80000	-37.60000	20.00000	-0.10759
						9.9530	139.00000	-36.75000	20.00000	-0.11222
						11.944	137.20000	-35.90000	20.00000	-0.11712
						13.934	135.40000	-35.05000	20.00000	-0.12229
						15.925	133.60000	-34.20000	20.00000	-0.12777
						17.915	131.80000	-33.35000	20.00000	-0.13356
						19.906	130.00000	-32.50000	20.00000	-0.13970
						21.897	128.20000	-31.65000	20.00000	-0.14620
						23.887	126.40000	-30.80000	20.00000	-0.15310
						25.878	124.60000	-29.95000	20.00000	-0.16041
						27.868	122.80000	-29.10000	20.00000	-0.16818
						29.859	121.00000	-28.25000	20.00000	-0.17644
						31.850	119.20000	-27.40000	20.00000	-0.18521
						33.840	117.40000	-26.55000	20.00000	-0.19454
						35.831	115.60000	-25.70000	20.00000	-0.20447
						37.821	113.80000	-24.85000	20.00000	-0.21505
20		TP No.2_2		TP No.2_2	0.0	0.0	112.00000	-24.00000	20.00000	-0.22632
						2.0591	111.00000	-25.80000	20.00000	-0.22525
						4.1183	110.00000	-27.60000	20.00000	-0.22394
						6.1774	109.00000	-29.40000	20.00000	-0.22240
						8.2365	108.00000	-31.20000	20.00000	-0.22064
21		TP No.2_3		TP No.2_3	0.0	0.0	107.00000	-33.00000	20.00000	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[m]	
						35.831	139.40000	-48.30000	20.00000	-0.097459 d
						37.821	141.20000	-49.15000	20.00000	-0.093638 d
						39.812	143.00000	-50.00000	20.00000	-0.090007 d
22		TP No.2_4		TP No.2_4	0.0	0.0	143.00000	-50.00000	20.00000	-0.090007 d
						2.0591	144.00000	-48.20000	20.00000	-0.090383 d
						4.1183	145.00000	-46.40000	20.00000	-0.090706 d
						6.1774	146.00000	-44.60000	20.00000	-0.090975 d
						8.2365	147.00000	-42.80000	20.00000	-0.091190 d
						10.296	148.00000	-41.00000	20.00000	-0.091350 d
23		TP No.3_1		TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	-0.036697 d
						2.0396	198.16000	-54.12000	20.00000	-0.037853 d
						4.0792	196.32000	-53.24000	20.00000	-0.039056 d
						6.1188	194.48000	-52.36000	20.00000	-0.040311 d
						8.1584	192.64000	-51.48000	20.00000	-0.041620 d
						10.198	190.80000	-50.60000	20.00000	-0.042985 d
						12.238	188.96000	-49.72000	20.00000	-0.044411 d
						14.277	187.12000	-48.84000	20.00000	-0.045899 d
						16.317	185.28000	-47.96000	20.00000	-0.047454 d
						18.356	183.44000	-47.08000	20.00000	-0.049078 d
						20.396	181.60000	-46.20000	20.00000	-0.050777 d
						22.436	179.76000	-45.32000	20.00000	-0.052555 d
						24.475	177.92000	-44.44000	20.00000	-0.054415 d
						26.515	176.08000	-43.56000	20.00000	-0.056363 d
						28.555	174.24000	-42.68000	20.00000	-0.058404 d
						30.594	172.40000	-41.80000	20.00000	-0.060543 d
						32.634	170.56000	-40.92000	20.00000	-0.062787 d
						34.673	168.72000	-40.04000	20.00000	-0.065141 d
						36.713	166.88000	-39.16000	20.00000	-0.067612 d
						38.753	165.04000	-38.28000	20.00000	-0.070208 d
						40.792	163.20000	-37.40000	20.00000	-0.072936 d
						42.832	161.36000	-36.52000	20.00000	-0.075805 d
						44.871	159.52000	-35.64000	20.00000	-0.078824 d
						46.911	157.68000	-34.76000	20.00000	-0.082002 d
						48.951	155.84000	-33.88000	20.00000	-0.085349 d
						50.990	154.00000	-33.00000	20.00000	-0.088878 d
24		TP No.3_2		TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	-0.088878 d
						1.9166	153.14286	-34.71429	20.00000	-0.088830 d
						3.8333	152.28571	-36.42857	20.00000	-0.088735 d
						5.7499	151.42857	-38.14286	20.00000	-0.088594 d
						7.6665	150.57143	-39.85714	20.00000	-0.088408 d
						9.5831	149.71429	-41.57143	20.00000	-0.088176 d
						11.500	148.85714	-43.28571	20.00000	-0.087900 d
						13.416	148.00000	-45.00000	20.00000	-0.087581 d
25		TP No.3_3		TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	-0.087581 d
						2.0227	148.84000	-45.84000	20.00000	-0.084179 d
						4.0453	151.68000	-46.68000	20.00000	-0.080947 d
						6.0680	153.52000	-47.52000	20.00000	-0.077875 d
						8.0907	155.36000	-48.36000	20.00000	-0.074952 d
						10.113	157.20000	-49.20000	20.00000	-0.072172 d
						12.136	159.04000	-50.04000	20.00000	-0.069524 d
						14.159	160.88000	-50.88000	20.00000	-0.067002 d
						16.181	162.72000	-51.72000	20.00000	-0.064598 d
						18.204	164.56000	-52.56000	20.00000	-0.062306 d
						20.227	166.40000	-53.40000	20.00000	-0.060119 d
						22.249	168.24000	-54.24000	20.00000	-0.058031 d
						24.272	170.08000	-55.08000	20.00000	-0.056038 d
						26.295	171.92000	-55.92000	20.00000	-0.054133 d
						28.317	173.76000	-56.76000	20.00000	-0.052312 d
						30.340	175.60000	-57.60000	20.00000	-0.050571 d
						32.363	177.44000	-58.44000	20.00000	-0.048905 d
						34.385	179.28000	-59.28000	20.00000	-0.047311 d
						36.408	181.12000	-60.12000	20.00000	-0.045784 d
						38.431	182.96000	-60.96000	20.00000	-0.044321 d
						40.453	184.80000	-61.80000	20.00000	-0.042919 d
						42.476	186.64000	-62.64000	20.00000	-0.041575 d
						44.499	188.48000	-63.48000	20.00000	-0.040286 d
						46.521	190.32000	-64.32000	20.00000	-0.039049 d
						48.544	192.16000	-65.16000	20.00000	-0.037861 d
26		TP No.3_4		TP No.3_4	0.0	50.567	194.00000	-66.00000	20.00000	-0.036721 d
						0.0	194.00000	-66.00000	20.00000	-0.036721 d
						2.0883	195.00000	-64.16667	20.00000	-0.036749 d
						4.1767	196.00000	-62.33333	20.00000	-0.036764 d
						6.2650	197.00000	-60.50000	20.00000	-0.036766 d
						8.3533	198.00000	-58.66667	20.00000	-0.036756 d
						10.442	199.00000	-56.83333	20.00000	-0.036733 d
27		Hospital No.1_1		Hospital No.1_1	0.0	12.530	200.00000	-55.00000	20.00000	-0.036697 d
						0.0	189.00000	-19.00000	19.00000	-0.053712 d
						2.0000	189.00000	-21.00000	19.00000	-0.053162 d
						4.0000	189.00000	-23.00000	19.00000	-0.052601 d
						6.0000	189.00000	-25.00000	19.00000	-0.052028 d
						8.0000	189.00000	-27.00000	19.00000	-0.051446 d
						10.000	189.00000	-29.00000	19.00000	-0.050854 d
						12.000	189.00000	-31.00000	19.00000	-0.050254 d
28		Hospital No.1_2		Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	-0.050254 d
						1.9474	190.94737	-31.00000	19.00000	-0.048755 d
						3.8947	192.89474	-31.00000	19.00000	-0.047312 d
						5.8421	194.84211	-31.00000	19.00000	-0.045923 d
						7.7895	196.78947	-31.00000	19.00000	-0.044585 d
						9.7368	198.73684	-31.00000	19.00000	-0.043297 d
						11.684	200.68421	-31.00000	19.00000	-0.042055 d
						13.632	202.63158	-31.00000	19.00000	-0.040859 d
						15.579	204.57895	-31.00000	19.00000	-0.039706 d
						17.526	206.52632	-31.00000	19.00000	-0.038594 d
						19.474	208.47368	-31.00000	19.00000	-0.037521 d
						21.421	210.42105	-31.00000	19.00000	-0.036487 d
						23.368	212.36842	-31.00000	19.00000	-0.035488 d
						25.316	214.31579	-31.00000	19.00000	-0.034525 d
						27.263	216.26316	-31.00000	19.00000	-0.033595 d
						29.211	218.21053	-31.00000	19.00000	-0.032697 d
						31.158	220.15178	-31.00000	19.00000	-0.031829 d
						33.105	222.10526	-31.00000	19.00000	-0.030991 d
						35.053	224.05263	-31.00000	19.00000	-0.030181 d
29		Hospital No.1_3		Hospital No.1_3	0.0	37.000	226.00000	-31.00000	19.00000	-0.029398 d
						0.0	226.00000	-31.00000	19.00000	-0.029398 d
						2.0000	226.00000	-29.00000	19.00000	-0.029643 d
						4.0000	226.00000	-27.00000	19.00000	-0.029882 d
						6.0000	226.00000	-25.00000	19.00000	-0.030117 d
						8.0000	226.00000	-23.00000	19.00000	-0.030346 d
						10.000	226.00000	-21.00000	19.00000	-0.030570 d
						12.000	226.00000	-19.00000	19.00000	-0.030788 d
						14.000	226.00000	-17.00000	19.00000	-0.030999 d
						16.000	226.00000	-15.00000	19.00000	-0.031204 d
						18.000	226.00000	-13.00000	19.00000	-0.031403 d
						20.000	226.00000	-11.00000	19.00000	-0.031595 d
						22.000	226.00000	-9.00000	19.00000	-0.031779 d
30		Hospital No.1_4		Hospital No.1_4	0.0	0.0	226.00000	-9.00000	19.00000	-0.031779 d
						2.0000	224.00000	-9.00000	19.00000	-0.032696 d
						4.0000	222.00000	-9.00000	19.00000	-0.033648 d
						6.0000	220.00000	-9.00000	19.00000	-0.034637 d
						8.0000	218.00000	-9.00000	19.00000	-0.035664 d
						10.000	216.00000	-9.00000	19.00000	-0.036731 d
						12.000	214.00000	-9.00000	19.00000	-0.037840 d
						14.000	212.00000	-9.00000	19.00000	-0.038994 d
31		Hospital No.1_5		Hospital No.1_5	0.0	0.0	212.00000	-9.00000	19.00000	-0.038994 d
						2.0000	212.00000	-11.00000	19.00000	-0.038734 d
						4.0000	212.00000	-13.00000	19.00000	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz	
					[m]	[m]	[m]	[m]	[mm]		
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	-0.053712	d
						0.0	189.00000	37.00000	19.00000	-0.061110	d
						2.0000	189.00000	35.00000	19.00000	-0.061183	d
						4.0000	189.00000	33.00000	19.00000	-0.061229	d
						6.0000	189.00000	31.00000	19.00000	-0.061247	d
						8.0000	189.00000	29.00000	19.00000	-0.061238	d
						10.000	189.00000	27.00000	19.00000	-0.061202	d
						12.000	189.00000	25.00000	19.00000	-0.061139	d
						14.000	189.00000	23.00000	19.00000	-0.061048	d
						16.000	189.00000	21.00000	19.00000	-0.060931	d
						18.000	189.00000	19.00000	19.00000	-0.060787	d
						20.000	189.00000	17.00000	19.00000	-0.060617	d
						22.000	189.00000	15.00000	19.00000	-0.060421	d
						24.000	189.00000	13.00000	19.00000	-0.060200	d
						26.000	189.00000	11.00000	19.00000	-0.059954	d
						28.000	189.00000	9.00000	19.00000	-0.059683	d
34	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	30.000	189.00000	7.00000	19.00000	-0.059388	d
						32.000	189.00000	5.00000	19.00000	-0.059070	d
						0.0	189.00000	5.00000	19.00000	-0.059070	d
						2.0000	191.00000	5.00000	19.00000	-0.057061	d
						4.0000	193.00000	5.00000	19.00000	-0.055140	d
						6.0000	195.00000	5.00000	19.00000	-0.053302	d
						8.0000	197.00000	5.00000	19.00000	-0.051544	d
						10.000	199.00000	5.00000	19.00000	-0.049862	d
						12.000	201.00000	5.00000	19.00000	-0.048250	d
						14.000	203.00000	5.00000	19.00000	-0.046706	d
						16.000	205.00000	5.00000	19.00000	-0.045227	d
						18.000	207.00000	5.00000	19.00000	-0.043808	d
						20.000	209.00000	5.00000	19.00000	-0.042447	d
						22.000	211.00000	5.00000	19.00000	-0.041141	d
						24.000	213.00000	5.00000	19.00000	-0.039887	d
						26.000	215.00000	5.00000	19.00000	-0.038684	d
35	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	28.000	217.00000	5.00000	19.00000	-0.037527	d
						30.000	219.00000	5.00000	19.00000	-0.036416	d
						32.000	221.00000	5.00000	19.00000	-0.035347	d
						34.000	223.00000	5.00000	19.00000	-0.034320	d
						36.000	225.00000	5.00000	19.00000	-0.033331	d
						0.0	225.00000	5.00000	19.00000	-0.033331	d
						2.0000	225.00000	7.00000	19.00000	-0.033453	d
						4.0000	225.00000	9.00000	19.00000	-0.033566	d
						6.0000	225.00000	11.00000	19.00000	-0.033669	d
						8.0000	225.00000	13.00000	19.00000	-0.033763	d
						10.000	225.00000	15.00000	19.00000	-0.033848	d
						12.000	225.00000	17.00000	19.00000	-0.033922	d
						14.000	225.00000	19.00000	19.00000	-0.033987	d
						16.000	225.00000	21.00000	19.00000	-0.034040	d
						18.000	225.00000	23.00000	19.00000	-0.034085	d
						20.000	225.00000	25.00000	19.00000	-0.034119	d
36	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0	22.000	225.00000	37.00000	19.00000	-0.034143	d
						24.000	225.00000	29.00000	19.00000	-0.034157	d
						26.000	225.00000	31.00000	19.00000	-0.034161	d
						28.000	225.00000	33.00000	19.00000	-0.034154	d
						30.000	225.00000	35.00000	19.00000	-0.034136	d
						32.000	225.00000	37.00000	19.00000	-0.034109	d
						0.0	225.00000	37.00000	19.00000	-0.034109	d
						2.0000	223.00000	37.00000	19.00000	-0.035137	d
						4.0000	221.00000	37.00000	19.00000	-0.036206	d
						6.0000	219.00000	37.00000	19.00000	-0.037319	d
						8.0000	217.00000	37.00000	19.00000	-0.038477	d
						10.000	215.00000	37.00000	19.00000	-0.039683	d
						12.000	213.00000	37.00000	19.00000	-0.040940	d
						14.000	211.00000	37.00000	19.00000	-0.042250	d
						16.000	209.00000	37.00000	19.00000	-0.043616	d
						18.000	207.00000	37.00000	19.00000	-0.045040	d
37	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	0.0	20.000	205.00000	37.00000	19.00000	-0.046527	d
						22.000	203.00000	37.00000	19.00000	-0.048079	d
						24.000	201.00000	37.00000	19.00000	-0.049700	d
						26.000	199.00000	37.00000	19.00000	-0.051394	d
						28.000	197.00000	37.00000	19.00000	-0.053165	d
						30.000	195.00000	37.00000	19.00000	-0.055018	d
						32.000	193.00000	37.00000	19.00000	-0.056956	d
						34.000	191.00000	37.00000	19.00000	-0.058985	d
						36.000	189.00000	37.00000	19.00000	-0.061110	d
						0.0	189.00000	77.00000	19.00000	-0.054595	d
						1.9375	189.00000	75.06250	19.00000	-0.055094	d
						3.8750	189.00000	73.12500	19.00000	-0.055578	d
						5.8125	189.00000	71.18750	19.00000	-0.056047	d
						7.7500	189.00000	69.25000	19.00000	-0.056500	d
						9.6875	189.00000	67.31250	19.00000	-0.056937	d
						38	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	0.0
13.563	189.00000	63.43750	19.00000	-0.057759	d						
15.500	189.00000	61.50000	19.00000	-0.058142	d						
17.438	189.00000	59.56250	19.00000	-0.058505	d						
19.375	189.00000	57.62500	19.00000	-0.058849	d						
21.313	189.00000	55.68750	19.00000	-0.059172	d						
23.250	189.00000	53.75000	19.00000	-0.059473	d						
25.188	189.00000	51.81250	19.00000	-0.059752	d						
27.125	189.00000	49.87500	19.00000	-0.060009	d						
29.063	189.00000	47.93750	19.00000	-0.060243	d						
31.000	189.00000	46.00000	19.00000	-0.060453	d						
0.0	189.00000	46.00000	19.00000	-0.060453	d						
1.8000	190.80000	46.00000	19.00000	-0.058570	d						
3.6000	192.60000	46.00000	19.00000	-0.056763	d						
5.4000	194.40000	46.00000	19.00000	-0.055029	d						
7.2000	196.20000	46.00000	19.00000	-0.053363	d						
39	Hospital No.3_3	Hospital No.3_3	Hospital No.3_3	Hospital No.3_3	0.0	9.0000	198.00000	46.00000	19.00000	-0.051763	d
						1.8000	198.00000	47.80000	19.00000	-0.051613	d
						3.6000	198.00000	49.60000	19.00000	-0.051447	d
						5.4000	198.00000	51.40000	19.00000	-0.051266	d
						7.2000	198.00000	53.20000	19.00000	-0.051069	d
						9.0000	198.00000	55.00000	19.00000	-0.050857	d
						0.0	198.00000	55.00000	19.00000	-0.050857	d
						2.0000	200.00000	55.00000	19.00000	-0.049202	d
						4.0000	202.00000	55.00000	19.00000	-0.047617	d
						6.0000	204.00000	55.00000	19.00000	-0.046098	d
						8.0000	206.00000	55.00000	19.00000	-0.044642	d
						10.000	208.00000	55.00000	19.00000	-0.043246	d
						12.000	210.00000	55.00000	19.00000	-0.041906	d
						14.000	212.00000	55.00000	19.00000	-0.040623	d
						16.000	214.00000	55.00000	19.00000	-0.039387	d
						40	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	0.0
20.000	218.00000	55.00000	19.00000	-0.037063	d						
22.000	220.00000	55.00000	19.00000	-0.035969	d						
24.000	222.00000	55.00000	19.00000	-0.034916	d						
1.8000	222.00000	53.20000	19.00000	-0.035029	d						
3.6000	222.00000	51.40000	19.00000	-0.035134	d						
5.4000	222.00000	49.60000	19.00000	-0.035230	d						
7.2000	222.00000	47.80000	19.00000	-0.035331	d						
9.0000	222.00000	46.00000	19.00000	-0.035398	d						
0.0	222.00000	46.00000	19.00000	-0.035398	d						
2.0000	224.00000	46.00000	19.00000	-0.034363	d						
4.0000	226.00000	46.00000	19.00000	-0.033367	d						
6.0000	228.00000	46.00000	19.00000	-0.032409	d						
8.0000	230.00000	46.00000	19.00000	-0.031488	d						
0.0	230.00000	46.00000	19.00000	-0.031488	d						
41	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	0.0						
						3.8750	230.00000	49.87500	19.00000	-0.031348	d
						5.8125	230.00000	51.81250	19.00000	-0.031281	d
						7.7500	230.00000	53.75000	19.00000	-0.031156	d
						9.6875	230.00000	55.68750	19.00000	-0.031054	d
						11.625	230.00000	57.62500	19.00000	-0.030944	d
						13.563	230.00000	59.56250	19.00000	-0.030829	d
						15.500	230.00000	61.50000	19.00000	-0.030701	d
						17.438	230.00000	63.43750	19.00000	-0.030569	d
						19.375	230.00000	65.37500	19.00000	-0.030430	d
						21.313	230.00000	67.31250	19.00000	-0.030284	d
						23.250	230.00000	69.25000	19.00000	-0.030132	d
						25.188	230.00000	71.18750	19.00000	-0.029972	d
						27.125	230.00000	73.12500	19.00000	-0.029807	d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]
						29.063	230.00000	75.06250	19.00000	-0.029636 d
						31.000	230.00000	77.00000	19.00000	-0.029458 d
44		Hospital No.3_8	Hospital No.3_8	Hospital No.3_8	0.0	0.0	230.00000	77.00000	19.00000	-0.029458 d
						1.9524	228.04762	77.00000	19.00000	-0.030262 d
						3.9048	226.09524	77.00000	19.00000	-0.031095 d
						5.8571	224.14286	77.00000	19.00000	-0.031958 d
						7.8095	222.19048	77.00000	19.00000	-0.032853 d
						9.7619	220.23810	77.00000	19.00000	-0.033780 d
						11.714	218.28571	77.00000	19.00000	-0.034742 d
						13.667	216.33333	77.00000	19.00000	-0.035739 d
						15.619	214.38095	77.00000	19.00000	-0.036775 d
						17.571	212.42857	77.00000	19.00000	-0.037850 d
						19.524	210.47619	77.00000	19.00000	-0.038965 d
						21.476	208.52381	77.00000	19.00000	-0.040124 d
						23.429	206.57143	77.00000	19.00000	-0.041329 d
						25.381	204.61905	77.00000	19.00000	-0.042580 d
						27.333	202.66667	77.00000	19.00000	-0.043881 d
						29.286	200.71429	77.00000	19.00000	-0.045234 d
						31.238	198.76190	77.00000	19.00000	-0.046642 d
						33.190	196.80952	77.00000	19.00000	-0.048106 d
						35.143	194.85714	77.00000	19.00000	-0.049631 d
						37.095	192.90476	77.00000	19.00000	-0.051218 d
						39.048	190.95238	77.00000	19.00000	-0.052872 d
						41.000	189.00000	77.00000	19.00000	-0.054595 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Damage Ref.	Stage Category	Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min
of			Building:	Name		from Line for					Ratio	Horizontal	Tensile	of	of Vertical	Radius
Curvature			Ref.			Vertical						Strain	Strain	Horizontal	Displacement	Radius
						Movement Calculations								Displacement Curve	Curve	
						[m]		[m]	[m]		[%]	[%]	[%]			[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	4.8291	None	0.018139	-0.036617	0.013389	910.83E-6	-0.0011203	
2115.0	0	(Negligible)					2	4.8291	4.7400	None	0.0093883	40.795E-6	0.0090435	-408.68E-9	-863.89E-6	
8880.9	0	(Negligible)					3	9.5691	10.629	Sagging	0.021885	41.147E-6	0.024869	-413.94E-9	-878.98E-6	
5372.0	0	(Negligible)					4	20.198	8.9707	Hogging	0.011880	41.583E-6	0.011485	-418.29E-9	587.70E-6	
9217.1	0	(Negligible)					5	29.168	5.8316	Sagging	0.076348	-0.098184	0.053747	0.0016176	0.0033364	
521.52	1	(Very Slight)					1	0.0	20.000	Hogging	0.026793	0.011004	0.040161	818.08E-6	0.0019346	
5407.3	0	(Negligible)		Canal Side Studios_3	Canal Side Studios_3	0.0	1	0.0	35.000	None	83.635E-6	0.0	117.98E-6	0.0	3.4398E-6	
3.2562E+6	0	(Negligible)		Canal Side Studios_4	Canal Side Studios_4	0.0	1	0.0	20.000	Hogging	0.030348	0.032635	0.065662	-524.96E-6	-0.0028284	
1125.8	1	(Very Slight)					1	0.0	2.7723	None	912.04E-6	916.40E-6	0.0014280	-30.022E-6	-120.18E-6	
26487.0	0	(Negligible)		Beaumont Court_1	Beaumont Court_1	0.0	1	0.0	2.7723	None	600.20E-6	348.88E-6	939.74E-6	-30.022E-6	-120.18E-6	
77939.0	0	(Negligible)					2	2.7723	15.255	None	0.0062394	0.014404	0.019118	-371.79E-6	445.48E-6	
6486.6	0	(Negligible)		Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	11.045	None	31.683E-6	0.0	30.792E-6	0.0	-970.08E-9	
2.7477E+6	0	(Negligible)		Beaumont Court_3	Beaumont Court_3	0.0	1	0.0	7.0000	None	251.45E-6	0.0	228.85E-6	0.0	-22.336E-6	
258080.0	0	(Negligible)		Beaumont Court_4	Beaumont Court_4	0.0	1	0.0	13.035	None	224.35E-6	0.0	331.99E-6	0.0	20.827E-6	
1.9940E+6	0	(Negligible)					2	13.035	50.163	None	6.3937E-6	0.0	5.9009E-6	0.0	-947.65E-9	
21.757E+6	0	(Negligible)		Beaumont Court_5	Beaumont Court_5	0.0	1	0.0	52.186	None	239.47E-6	0.0	357.31E-6	0.0	-22.336E-6	
2.2291E+6	0	(Negligible)		Beaumont Court_6	Beaumont Court_6	0.0	1	0.0	52.186	None	0.0018507	816.94E-6	0.0031437	-89.583E-6	-179.73E-6	
11968.0	0	(Negligible)					2	52.186	21.983	None	56.539E-6	0.0	53.537E-6	0.0	14.690E-6	
2.2780E+6	0	(Negligible)		TP No.1_1	TP No.1_1	0.0	1	0.0	11.180	None	22.650E-6	0.0	21.422E-6	0.0	-4.3566E-6	
5.3182E+6	0	(Negligible)		TP No.1_2	TP No.1_2	0.0	1	0.0	11.180	None	63.599E-6	0.0	58.258E-6	0.0	17.928E-6	
2.6282E+6	0	(Negligible)		TP No.1_3	TP No.1_3	0.0	1	0.0	14.318	None	16.527E-6	0.0	15.414E-6	0.0	-10.087E-6	
5.2563E+6	0	(Negligible)		TP No.1_4	TP No.1_4	0.0	1	0.0	12.540	None	125.72E-6	0.0	189.22E-6	0.0	-14.301E-6	
3.3263E+6	0	(Negligible)		TP No.1_5	TP No.1_5	0.0	1	0.0	41.367	None	5.7996E-6	0.0	5.4002E-6	0.0	1.5697E-6	
22.697E+6	0	(Negligible)		TP No.1_6	TP No.1_6	0.0	1	0.0	12.530	None	45.680E-6	0.0	43.166E-6	0.0	8.8634E-6	
3.6888E+6	0	(Negligible)		TP No.1_7	TP No.1_7	0.0	1	0.0	16.553	None	13.731E-6	0.0	12.910E-6	0.0	3.0213E-6	
9.2348E+6	0	(Negligible)		TP No.1_8	TP No.1_8	0.0	1	0.0	12.083	None	45.140E-6	0.0	64.838E-6	0.0	5.6613E-6	
5.6240E+6	0	(Negligible)		TP No.2_1	TP No.2_1	0.0	1	5.9718	33.840	None	6.6433E-6	0.0	6.3300E-6	0.0	-960.00E-9	
17.647E+6	0	(Negligible)		TP No.2_2	TP No.2_2	0.0	1	0.0	10.296	None	41.659E-6	0.0	59.831E-6	0.0	-5.3153E-6	
6.2290E+6	0	(Negligible)		TP No.2_3	TP No.2_3	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				TP No.2_4	TP No.2_4	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				TP No.3_1	TP No.3_1	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				TP No.3_2	TP No.3_2	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				TP No.3_3	TP No.3_3	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				TP No.3_4	TP No.3_4	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.1_1	Hospital No.1_1	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.1_2	Hospital No.1_2	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.1_3	Hospital No.1_3	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.1_4	Hospital No.1_4	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.1_5	Hospital No.1_5	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.1_6	Hospital No.1_6	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.2_1	Hospital No.2_1	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.2_2	Hospital No.2_2	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.2_3	Hospital No.2_3	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.2_4	Hospital No.2_4	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_1	Hospital No.3_1	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_2	Hospital No.3_2	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_3	Hospital No.3_3	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_4	Hospital No.3_4	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_5	Hospital No.3_5	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_6	Hospital No.3_6	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_7	Hospital No.3_7	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				
				Hospital No.3_8	Hospital No.3_8	0.0	1	0.0	33.840	None	0.0	All vertical displacements are less than the limit sensitivity.				

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

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

Stage Damage Ref.	Stage Category	Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Displacement Curve	Max Gradient of Displacement Curve	Min Curvature (Hogging)	Min Radius of Curvature (Sagging)
						Offset from Line for Vertical Movement Calculations									
						[m]	[%]	[%]		[mm]	[%]				[m]
0	Base Model	1		Canal Side Studios_1	Canal Side Studios_1	0.0	0.076348	-0.098184	0.0033364	23.620	0.053747	0.0016176	0.0033364	9217.1	521.52
1	(Very Slight)														
0	(Negligible)			Canal Side Studios_2	Canal Side Studios_2	0.0	0.026793	0.011004	0.0019346	14.070	0.040161	818.08E-6	0.0019346	5407.3	-
0	(Negligible)			Canal Side Studios_3	Canal Side Studios_3	0.0	83.635E-6	0.0	3.4398E-6	1.0230	117.98E-6	0.0	3.4398E-6	-	-
1	(Very Slight)			Canal Side Studios_4	Canal Side Studios_4	0.0	0.030348	0.032635	-0.0028284	14.652	0.065662	-524.96E-6	-0.0028284	1125.8	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature
0 (Negligible)		5	Beaumont Court_1	Beaumont Court_1	0.0	912.04E-6	916.40E-6	-120.18E-6	0.52863	0.0014280	-30.022E-6	-120.18E-6	-	-
0 (Negligible)		6	Beaumont Court_2	Beaumont Court_2	0.0	0.0062394	0.014404	445.48E-6	1.0616	0.019118	-371.79E-6	445.48E-6	-	-
0 (Negligible)		7	Beaumont Court_3	Beaumont Court_3	0.0	31.683E-6	0.0	-970.08E-9	1.0638	30.792E-6	0.0	-970.08E-9	-	-
0 (Negligible)		8	Beaumont Court_4	Beaumont Court_4	0.0	251.45E-6	0.0	-22.336E-6	1.0615	357.31E-6	0.0	-22.336E-6	-	-
0 (Negligible)		9	Beaumont Court_5	Beaumont Court_5	0.0	6.3937E-6	0.0	-947.65E-9	0.20548	5.9009E-6	0.0	-947.65E-9	-	-
0 (Negligible)		10	Beaumont Court_6	Beaumont Court_6	0.0	0.0018507	816.94E-6	-179.73E-6	1.0295	0.0031437	-89.583E-6	-179.73E-6	-	-
0 (Negligible)		11	TP No.1_1	TP No.1_1	0.0	56.539E-6	0.0	14.690E-6	0.51164	53.537E-6	0.0	14.690E-6	-	-
0 (Negligible)		12	TP No.1_2	TP No.1_2	0.0	22.650E-6	0.0	-4.3566E-6	0.51164	21.422E-6	0.0	-4.3566E-6	-	-
0 (Negligible)		13	TP No.1_3	TP No.1_3	0.0	63.599E-6	0.0	17.928E-6	0.69770	58.258E-6	0.0	17.928E-6	-	-
0 (Negligible)		14	TP No.1_4	TP No.1_4	0.0	16.527E-6	0.0	-10.087E-6	0.69770	15.414E-6	0.0	-10.087E-6	-	-
0 (Negligible)		15	TP No.1_5	TP No.1_5	0.0	125.72E-6	0.0	-14.301E-6	0.57654	189.22E-6	0.0	-14.301E-6	-	-
0 (Negligible)		16	TP No.1_6	TP No.1_6	0.0	5.7996E-6	0.0	1.5697E-6	0.21939	5.4002E-6	0.0	1.5697E-6	-	-
0 (Negligible)		17	TP No.1_7	TP No.1_7	0.0	45.680E-6	0.0	8.8634E-6	0.33779	43.166E-6	0.0	8.8634E-6	-	-
0 (Negligible)		18	TP No.1_8	TP No.1_8	0.0	13.731E-6	0.0	3.0213E-6	0.36907	12.910E-6	0.0	3.0213E-6	-	-
0 (Negligible)		19	TP No.2_1	TP No.2_1	0.0	45.140E-6	0.0	5.6613E-6	0.22632	64.838E-6	0.0	5.6613E-6	-	-
0 (Negligible)		20	TP No.2_2	TP No.2_2	0.0	6.6433E-6	0.0	-960.00E-9	0.22632	6.3300E-6	0.0	-960.00E-9	-	-
0 (Negligible)		21	TP No.2_3	TP No.2_3	0.0	41.659E-6	0.0	-5.3153E-6	0.21866	59.831E-6	0.0	-5.3153E-6	-	-

Specific Building Damage Results - Critical Segments within Each Building

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	
					Segment	[m]	[m]			[mm]	[%]	[m]	[m]	
0 (Very Slight)	Base Model	0	Canal Side Studios_1	Max Slope	Canal Side Studios_1	5	29.168	35.000	Sagging	0.0033364	20.990	0.053747	-	521.52
(Negligible)				Max Settlement	Canal Side Studios_1	3	9.5691	20.198	Sagging	878.98E-6	23.620	0.024869	-	5372.0
(Very Slight)				Max Tensile Strain	Canal Side Studios_1	5	29.168	35.000	Sagging	0.0033364	20.990	0.053747	-	521.52
(Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_1	4	20.198	29.168	Hogging	587.70E-6	21.747	0.011485	9217.1	-
(Very Slight)				Min Radius of Curvature (Sagging)	Canal Side Studios_1	5	29.168	35.000	Sagging	0.0033364	20.990	0.053747	-	521.52
(Negligible)		0	Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019346	14.070	0.040161	5407.3	-
(Negligible)				Max Settlement	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019346	14.070	0.040161	5407.3	-
(Negligible)				Max Tensile Strain	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019346	14.070	0.040161	5407.3	-
(Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019346	14.070	0.040161	5407.3	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Canal Side Studios_3	Max Slope	Canal Side Studios_3	1	0.0	35.000	Sagging	3.4398E-6	1.0230	117.98E-6	-	3.2562E+6
(Negligible)				Max Settlement	Canal Side Studios_3	1	0.0	35.000	Sagging	3.4398E-6	1.0230	117.98E-6	-	3.2562E+6
(Negligible)				Max Tensile Strain	Canal Side Studios_3	1	0.0	35.000	Sagging	3.4398E-6	1.0230	117.98E-6	-	3.2562E+6
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Very Slight)		0	Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028284	14.652	0.065662	1125.8	-
(Very Slight)				Max Settlement	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028284	14.652	0.065662	1125.8	-
(Very Slight)				Max Tensile Strain	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028284	14.652	0.065662	1125.8	-
(Very Slight)				Min Radius of Curvature (Hogging)	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028284	14.652	0.065662	1125.8	-
(Very Slight)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_1	Max Slope	Beaumont Court_1	1	0.0	2.7723	Sagging	120.18E-6	0.52863	0.0014280	-	26487.0
(Negligible)				Max Settlement	Beaumont Court_1	1	0.0	2.7723	Sagging	120.18E-6	0.52863	0.0014280	-	26487.0
(Negligible)				Max Tensile Strain	Beaumont Court_1	1	0.0	2.7723	Sagging	120.18E-6	0.52863	0.0014280	-	26487.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	11.045	Sagging	445.48E-6	1.0616	0.019118	-	6486.6
(Negligible)				Max Settlement	Beaumont Court_2	1	0.0	11.045	Sagging	445.48E-6	1.0616	0.019118	-	6486.6
(Negligible)				Max Tensile Strain	Beaumont Court_2	1	0.0	11.045	Sagging	445.48E-6	1.0616	0.019118	-	6486.6
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_3	Max Slope	Beaumont Court_3	1	0.0	7.0000	Sagging	970.08E-9	1.0638	30.792E-6	-	2.7477E+6
(Negligible)				Max Settlement	Beaumont Court_3	1	0.0	7.0000	Sagging	970.08E-9	1.0638	30.792E-6	-	2.7477E+6
(Negligible)				Max Tensile Strain	Beaumont Court_3	1	0.0	7.0000	Sagging	970.08E-9	1.0638	30.792E-6	-	2.7477E+6
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_4	Max Slope	Beaumont Court_4	1	0.0	13.035	Sagging	22.336E-6	1.0615	228.85E-6	-	258080.0
(Negligible)				Max Settlement	Beaumont Court_4	1	0.0	13.035	Sagging	22.336E-6	1.0615	228.85E-6	-	258080.0
(Negligible)				Max Tensile Strain	Beaumont Court_4	2	13.035	63.198	Sagging	22.336E-6	0.84549	357.31E-6	-	1.9940E+6
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_5	Max Slope	Beaumont Court_5	1	0.0	12.042	Sagging	947.65E-9	0.20548	5.9009E-6	-	21.757E+6
(Negligible)				Max Settlement	Beaumont Court_5	1	0.0	12.042	Sagging	947.65E-9	0.20548	5.9009E-6	-	21.757E+6
(Negligible)				Max Tensile Strain	Beaumont Court_5	1	0.0	12.042	Sagging	947.65E-9	0.20548	5.9009E-6	-	21.757E+6
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_6	Max Slope	Beaumont Court_6	2	52.186	74.169	Sagging	179.73E-6	1.0295	0.0031437	-	11968.0
(Negligible)				Max Settlement	Beaumont Court_6	2	52.186	74.169	Sagging	179.73E-6	1.0295	0.0031437	-	11968.0



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature	Min Radius of Curvature
(Negligible)				Max Tensile Strain	Beaumont Court_6	2	52.186	74.169	Sagging	179.73E-6	1.0295	0.0031437	- 119E8. 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_1	Max Slope	TP No.1_1	1	0.0	11.180	Sagging	14.690E-6	0.51164	53.537E-6	- 2.2780E+6 0
(Negligible)				Max Settlement	TP No.1_1	1	0.0	11.180	Sagging	14.690E-6	0.51164	53.537E-6	- 2.2780E+6 0
(Negligible)				Max Tensile Strain	TP No.1_1	1	0.0	11.180	Sagging	14.690E-6	0.51164	53.537E-6	- 2.2780E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_2	Max Slope	TP No.1_2	1	0.0	11.180	Sagging	4.3566E-6	0.51164	21.422E-6	- 5.3182E+6 0
(Negligible)				Max Settlement	TP No.1_2	1	0.0	11.180	Sagging	4.3566E-6	0.51164	21.422E-6	- 5.3182E+6 0
(Negligible)				Max Tensile Strain	TP No.1_2	1	0.0	11.180	Sagging	4.3566E-6	0.51164	21.422E-6	- 5.3182E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_3	Max Slope	TP No.1_3	1	0.0	14.318	Sagging	17.928E-6	0.69770	58.258E-6	- 2.6282E+6 0
(Negligible)				Max Settlement	TP No.1_3	1	0.0	14.318	Sagging	17.928E-6	0.69770	58.258E-6	- 2.6282E+6 0
(Negligible)				Max Tensile Strain	TP No.1_3	1	0.0	14.318	Sagging	17.928E-6	0.69770	58.258E-6	- 2.6282E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_4	Max Slope	TP No.1_4	1	0.0	12.540	Sagging	10.087E-6	0.69770	15.414E-6	- 5.2563E+6 0
(Negligible)				Max Settlement	TP No.1_4	1	0.0	12.540	Sagging	10.087E-6	0.69770	15.414E-6	- 5.2563E+6 0
(Negligible)				Max Tensile Strain	TP No.1_4	1	0.0	12.540	Sagging	10.087E-6	0.69770	15.414E-6	- 5.2563E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_5	Max Slope	TP No.1_5	1	0.0	41.367	Sagging	14.301E-6	0.57654	189.22E-6	- 3.3263E+6 0
(Negligible)				Max Settlement	TP No.1_5	1	0.0	41.367	Sagging	14.301E-6	0.57654	189.22E-6	- 3.3263E+6 0
(Negligible)				Max Tensile Strain	TP No.1_5	1	0.0	41.367	Sagging	14.301E-6	0.57654	189.22E-6	- 3.3263E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_6	Max Slope	TP No.1_6	1	0.0	12.530	Sagging	1.5697E-6	0.21939	5.4002E-6	- 22.697E+6 0
(Negligible)				Max Settlement	TP No.1_6	1	0.0	12.530	Sagging	1.5697E-6	0.21939	5.4002E-6	- 22.697E+6 0
(Negligible)				Max Tensile Strain	TP No.1_6	1	0.0	12.530	Sagging	1.5697E-6	0.21939	5.4002E-6	- 22.697E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_7	Max Slope	TP No.1_7	1	0.0	16.553	Sagging	8.8634E-6	0.33779	43.166E-6	- 3.6888E+6 0
(Negligible)				Max Settlement	TP No.1_7	1	0.0	16.553	Sagging	8.8634E-6	0.33779	43.166E-6	- 3.6888E+6 0
(Negligible)				Max Tensile Strain	TP No.1_7	1	0.0	16.553	Sagging	8.8634E-6	0.33779	43.166E-6	- 3.6888E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_8	Max Slope	TP No.1_8	1	0.0	12.083	Sagging	3.0213E-6	0.36907	12.910E-6	- 9.2348E+6 0
(Negligible)				Max Settlement	TP No.1_8	1	0.0	12.083	Sagging	3.0213E-6	0.36907	12.910E-6	- 9.2348E+6 0
(Negligible)				Max Tensile Strain	TP No.1_8	1	0.0	12.083	Sagging	3.0213E-6	0.36907	12.910E-6	- 9.2348E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_1	Max Slope	TP No.2_1	1	5.9718	39.812	Sagging	5.6613E-6	0.22632	64.838E-6	- 5.6240E+6 0
(Negligible)				Max Settlement	TP No.2_1	1	5.9718	39.812	Sagging	5.6613E-6	0.22632	64.838E-6	- 5.6240E+6 0
(Negligible)				Max Tensile Strain	TP No.2_1	1	5.9718	39.812	Sagging	5.6613E-6	0.22632	64.838E-6	- 5.6240E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_2	Max Slope	TP No.2_2	1	0.0	10.296	Sagging	960.00E-9	0.22632	6.3300E-6	- 17.647E+6 0
(Negligible)				Max Settlement	TP No.2_2	1	0.0	10.296	Sagging	960.00E-9	0.22632	6.3300E-6	- 17.647E+6 0
(Negligible)				Max Tensile Strain	TP No.2_2	1	0.0	10.296	Sagging	960.00E-9	0.22632	6.3300E-6	- 17.647E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_3	Max Slope	TP No.2_3	1	0.0	33.840	Sagging	5.3153E-6	0.21866	59.831E-6	- 6.2290E+6 0
(Negligible)				Max Settlement	TP No.2_3	1	0.0	33.840	Sagging	5.3153E-6	0.21866	59.831E-6	- 6.2290E+6 0
(Negligible)				Max Tensile Strain	TP No.2_3	1	0.0	33.840	Sagging	5.3153E-6	0.21866	59.831E-6	- 6.2290E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_4	All vertical displacements are less than the limit sensitivity.									
(Negligible)				All vertical displacements are less than the limit sensitivity.									
(Negligible)		0	TP No.3_1	All vertical displacements are less than the limit sensitivity.									
(Negligible)				All vertical displacements are less than the limit sensitivity.									
(Negligible)		0	TP No.3_2	All vertical displacements are less than the limit sensitivity.									
(Negligible)				All vertical displacements are less than the limit sensitivity.									
(Negligible)		0	TP No.3_3	All vertical displacements are less than the limit sensitivity.									
(Negligible)				All vertical displacements are less than the limit sensitivity.									
(Negligible)		0	TP No.3_4	All vertical displacements are less than the limit sensitivity.									
(Negligible)				All vertical displacements are less than the limit sensitivity.									



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A - Demolition Existing+WALL INST+EXC+NEW LOAD

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature	Min Radius of Curvature
				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	Hospital No.1_1	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.									
				All vertical displacements are less than the limit sensitivity.									
				All vertical displacements are less than the limit sensitivity.									
		0	Hospital No.1_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.									
				All vertical displacements are less than the limit sensitivity.									
		0	Hospital No.1_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.									
				All vertical displacements are less than the limit sensitivity.									
		0	Hospital No.1_4	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	Hospital No.1_5	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	Hospital No.1_6	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	Hospital No.2_1	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	Hospital No.2_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	Hospital No.2_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	Hospital No.2_4	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	Hospital No.3_1	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	Hospital No.3_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	Hospital No.3_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	Hospital No.3_4	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	Hospital No.3_5	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	Hospital No.3_6	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	Hospital No.3_7	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	Hospital No.3_8	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.									



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δt//	δtperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	15.011	1.9491	-6.5270	90.000
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	17.190	0.17967	-8.4606	90.000
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	17.926	0.18046	-8.4978	90.000
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	18.583	0.18125	-8.5350	90.000
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18204	19.616	0.18204	-8.5724	90.000
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	21.291	0.18284	-8.6098	90.000
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	23.002	0.18364	-8.6473	90.000
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	23.852	0.18443	-8.6849	90.000
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	23.998	0.18523	-8.7225	90.000
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	23.583	0.18603	-8.7603	90.000
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	22.562	0.18684	-8.7981	90.000
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	21.419	0.18764	-8.8360	90.000
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	20.552	0.18845	-8.8740	90.000
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	20.155	0.18926	-8.9121	90.000
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	20.146	0.19007	-8.9502	90.000
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	20.531	0.19088	-8.9884	90.000
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	21.358	0.19169	-9.0267	90.000
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	20.914	-2.9486	-5.8175	90.000
				35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	14.433	-5.5348	-2.2007	90.000
2			Canal Side Studios_2	0.0	6.00000	49.00000	22.00000	2.2007	-5.5348	14.433	-5.5348	-2.2007	90.000
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	10.554	-3.8355	2.9855	180.000
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	7.2311	-4.0090	1.7143	180.000
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	4.8506	-3.5840	1.0333	180.000
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.9965	-2.9103	0.62661	180.000
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.2659	1.5574	-2.1154	0.2659	180.000
				12.000	-6.00000	49.00000	22.00000	1.4250	-0.20081	0.50714	-1.4250	0.20081	180.000
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	-0.23129	-0.80587	0.096336	180.000
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	-0.61477	-0.15972	0.016532	180.000
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	-0.71317	0.0	0.0	180.000
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	-0.74319	0.0	0.0	180.000
				0.0	-14.00000	49.00000	22.00000	0.0	0.0	-0.74319	0.0	0.0	270.000
3			Canal Side Studios_3	1.9444	-14.00000	47.05556	22.00000	0.0	0.0	-0.74855	0.0	0.0	270.000
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	-0.75343	0.0	0.0	270.000
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	-0.75795	0.0	0.0	270.000
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	-0.76213	0.0	0.0	270.000
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	-0.76584	0.0	0.0	270.000
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	-0.76893	0.0	0.0	270.000
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	-0.77130	0.0	0.0	270.000
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	-0.77289	0.0	0.0	270.000
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	-0.77372	0.0	0.0	270.000
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	-0.77397	0.0	0.0	270.000
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	-0.77367	0.0	0.0	270.000
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	-0.77295	0.0	0.0	270.000
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	-0.77189	0.0	0.0	270.000
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	-0.77052	0.0	0.0	270.000
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	-0.76873	0.0	0.0	270.000
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	-0.76648	0.0	0.0	270.000
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	-0.76356	0.0	0.0	270.000
				35.000	-14.00000	14.00000	22.00000	0.0	0.0	-0.75969	0.0	0.0	270.000
4			Canal Side Studios_4	0.0	-14.00000	14.00000	22.00000	0.0	0.0	-0.75969	0.0	0.0	270.000
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	-0.73249	0.0	0.0	0.0
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	-0.66981	0.0017685	60.569E-6	0.0
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	-0.47071	0.73877	0.027827	0.0
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	0.23217	1.4692	0.061841	0.0
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	0.2296	2.1897	0.10522	0.0
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	2.6181	3.2402	0.18309	0.0
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.4176	4.2827	0.29736	0.0
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	6.6167	5.3100	0.48657	0.0
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	9.3400	6.2339	0.86336	0.0
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	15.011	6.5270	1.9491	0.0
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	-0.0017964	0.0099846	-0.17972	176.82
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.15055	0.012296	-0.22133	176.82
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.39197	0.072435	-1.3038	176.82
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.48392	0.074746	-1.3454	176.82
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.57452	0.07057	-1.3870	176.82
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.64790	0.079368	-1.4286	176.82
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.71933	0.081680	-1.4702	176.82
				14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.78470	0.083991	-1.5118	176.82
				16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.84502	0.086302	-1.5534	176.82
				18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.90109	0.088613	-1.5950	176.82
				0.0	27.00000	1.00000	20.00000	0.0	1.5975	0.90109	-1.5909	-0.14463	264.81
				1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	0.075873	-0.90626	-0.082388	264.81
				3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.29340	-0.22159	-0.020144	264.81



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
MAde by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δR//	δPerp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	-0.027123	0.0	86.135
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	-0.035336	0.0	86.135
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	-0.044464	0.0	86.135
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	-0.054589	0.0	86.135
					28.064	41.89189	-46.00000	20.0000	0.0	0.0	-0.065799	0.0	86.135
					30.068	42.02703	-44.00000	20.0000	0.0	0.0	-0.078184	0.0	86.135
					32.073	42.16216	-42.00000	20.0000	0.0	0.0	-0.091835	0.0	86.135
					34.078	42.29730	-40.00000	20.0000	0.0	0.0	-0.10685	0.0	86.135
					36.082	42.43243	-38.00000	20.0000	0.0	0.0	-0.12331	0.0	86.135
					38.087	42.56757	-36.00000	20.0000	0.0	0.0	-0.14130	0.0	86.135
					40.091	42.70270	-34.00000	20.0000	0.0	0.0	-0.16090	0.0	86.135
					42.096	42.83784	-32.00000	20.0000	0.0	0.0	-0.18215	0.0	86.135
					44.100	42.97297	-30.00000	20.0000	0.0	0.0	-0.20509	0.0	86.135
					46.105	43.10811	-28.00000	20.0000	0.0	0.0	-0.22968	0.0	86.135
					48.109	43.24324	-26.00000	20.0000	0.0	0.0	-0.25586	0.0	86.135
					50.114	43.37838	-24.00000	20.0000	0.0	0.0	-0.28344	0.0	86.135
					52.119	43.51351	-22.00000	20.0000	0.0	0.0	-0.31216	0.0	86.135
					54.123	43.64865	-20.00000	20.0000	0.0	0.0	-0.34157	0.0	86.135
					56.128	43.78378	-18.00000	20.0000	0.0	0.0	-0.37099	0.0	86.135
					58.132	43.91892	-16.00000	20.0000	0.0	0.0	-0.39945	0.0	86.135
					60.137	44.05405	-14.00000	20.0000	0.0	0.0	-0.42557	0.0	86.135
					62.141	44.18919	-12.00000	20.0000	0.0	0.0	-0.44737	0.0	86.135
					64.146	44.32432	-10.00000	20.0000	0.0	0.0	-0.46210	0.0	86.135
					66.150	44.45946	-8.000000	20.0000	0.0	0.0	-0.46587	0.0	86.135
					68.155	44.59459	-6.00000	20.0000	0.0	0.0	-0.45321	0.0	86.135
					70.160	44.72973	-4.000000	20.0000	0.0	0.0	-0.41636	0.0	86.135
					72.164	44.86486	-2.00000	20.0000	0.0	29.449E-12	-0.34421	29.382E-12	1.9853E-12
					74.169	45.00000	0.00000	20.0000	0.0	0.18000	-0.0017964	0.17959	0.012134
11	TP No.1_1			0.0	96.00000	-16.00000	20.0000	0.0	0.0	0.24151	0.0	0.0	153.43
				1.8634	94.33333	-15.16667	20.0000	0.0	0.0	0.21164	0.0	0.0	153.43
				3.7268	92.66667	-14.33333	20.0000	0.0	0.0	0.18011	0.0	0.0	153.43
				5.5902	91.00000	-13.50000	20.0000	0.0	0.0	0.14677	0.0	0.0	153.43
				7.4536	89.33333	-12.66667	20.0000	0.0	0.0	0.11142	0.0	0.0	153.43
				9.3169	87.66667	-11.83333	20.0000	0.0	0.0	0.073833	0.0	0.0	153.43
				11.180	86.00000	-11.00000	20.0000	0.0	0.0	0.033728	0.0	0.0	153.43
12	TP No.1_2			0.0	86.00000	-11.00000	20.0000	0.0	0.0	0.033729	0.0	0.0	243.43
				1.8634	85.16667	-12.66667	20.0000	0.0	0.0	0.10940	0.0	0.0	243.43
				3.7268	84.33333	-14.33333	20.0000	0.0	0.0	0.16485	0.0	0.0	243.43
				5.5902	83.50000	-16.00000	20.0000	0.0	0.0	0.20452	0.0	0.0	243.43
				7.4536	82.66667	-17.66667	20.0000	0.0	0.0	0.23186	0.0	0.0	243.43
				9.3169	81.83333	-19.33333	20.0000	0.0	0.0	0.24961	0.0	0.0	243.43
				11.180	81.00000	-21.00000	20.0000	0.0	0.0	0.25992	0.0	0.0	243.43
13	TP No.1_3			0.0	81.00000	-21.00000	20.0000	0.0	0.0	0.25992	0.0	0.0	155.22
				2.0454	79.14286	-20.14286	20.0000	0.0	0.0	0.22642	0.0	0.0	155.22
				4.0908	77.28571	-19.28571	20.0000	0.0	0.0	0.19056	0.0	0.0	155.22
				6.1362	75.42857	-18.42857	20.0000	0.0	0.0	0.15236	0.0	0.0	155.22
				8.1816	73.57143	-17.57143	20.0000	0.0	0.0	0.11189	0.0	0.0	155.22
				10.227	71.71429	-16.71429	20.0000	0.0	0.0	0.069246	0.0	0.0	155.22
				12.272	69.85714	-15.85714	20.0000	0.0	0.0	0.024633	0.0	0.0	155.22
14	TP No.1_4			14.318	68.00000	-15.00000	20.0000	0.0	0.0	-0.021688	0.0	0.0	155.22
				0.0	68.00000	-15.00000	20.0000	0.0	0.0	-0.021688	0.0	0.0	246.50
				2.0900	67.16667	-16.91667	20.0000	0.0	0.0	-0.0015336	0.0	0.0	246.50
				4.1800	66.33333	-18.83333	20.0000	0.0	0.0	0.012592	0.0	0.0	246.50
				6.2700	65.50000	-20.75000	20.0000	0.0	0.0	0.022265	0.0	0.0	246.50
				8.3600	64.66667	-22.66667	20.0000	0.0	0.0	0.028677	0.0	0.0	246.50
				10.450	63.83333	-24.58333	20.0000	0.0	0.0	0.032728	0.0	0.0	246.50
				12.540	63.00000	-26.50000	20.0000	0.0	0.0	0.035094	0.0	0.0	246.50
15	TP No.1_5			0.0	63.00000	-26.50000	20.0000	0.0	0.0	0.035094	0.0	0.0	333.43
				1.9699	64.76190	-27.38095	20.0000	0.0	0.0	0.068240	0.0	0.0	333.43
				3.9397	66.52381	-28.26190	20.0000	0.0	0.0	0.098809	0.0	0.0	333.43
				5.9096	68.28571	-29.14286	20.0000	0.0	0.0	0.12976	0.0	0.0	333.43
				7.8795	70.04762	-30.02381	20.0000	0.0	0.0	0.15805	0.0	0.0	333.43
				9.8493	71.80952	-30.90476	20.0000	0.0	0.0	0.18469	0.0	0.0	333.43
				11.819	73.57143	-31.78571	20.0000	0.0	0.0	0.20968	0.0	0.0	333.43
				13.789	75.33333	-32.66667	20.0000	0.0	0.0	0.23303	0.0	0.0	333.43
				15.759	77.09524	-33.54762	20.0000	0.0	0.0	0.25478	0.0	0.0	333.43
				17.729	78.85714	-34.42857	20.0000	0.0	0.0	0.27494	0.0	0.0	333.43
				19.699	80.61905	-35.30952	20.0000	0.0	0.0	0.29358	0.0	0.0	333.43
				21.669	82.38095	-36.19048	20.0000	0.0	0.0	0.31072	0.0	0.0	333.43
				23.638	84.14286	-37.07143	20.0000	0.0	0.0	0.32642	0.0	0.0	333.43
				25.608	85.90476	-37.95238	20.0000	0.0	0.0	0.34073	0.0	0.0	333.43
				27.578	87.66667	-38.83333	20.0000	0.0	0.0	0.35369	0.0	0.0	333.43
				29.548	89.42857	-39.71429	20.0000	0.0	0.0	0.36537	0.0	0.0	333.43
				31.518	91.19048	-40.59524	20.0000	0.0	0.0	0.37581	0.0	0.0	333.43
				33.488	92.95238	-41.47619	20.0000	0.0	0.0	0.38507	0.0	0.0	333.43
				35.458	94.71429	-42.35714	20.0000	0.0	0.0	0.39320	0.0	0.0	333.43
				37.428	96.47619	-43.23810	20.0000	0.0	0.0	0.40024	0.0	0.0	333.43
				39.397									



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δR//	δPerp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				23.887	128.60000	-43.20000	20.00000	0.0	0.0	0.52874	0.0	0.0	334.72
				25.878	130.40000	-44.05000	20.00000	0.0	0.0	0.52437	0.0	0.0	334.72
				27.868	132.20000	-44.90000	20.00000	0.0	0.0	0.51936	0.0	0.0	334.72
				29.859	134.00000	-45.75000	20.00000	0.0	0.0	0.51374	0.0	0.0	334.72
				31.850	135.80000	-46.60000	20.00000	0.0	0.0	0.50754	0.0	0.0	334.72
				33.840	137.60000	-47.45000	20.00000	0.0	0.0	0.50080	0.0	0.0	334.72
				35.831	139.40000	-48.30000	20.00000	0.0	0.0	0.49355	0.0	0.0	334.72
				37.821	141.20000	-49.15000	20.00000	0.0	0.0	0.48583	0.0	0.0	334.72
				39.812	143.00000	-50.00000	20.00000	0.0	0.0	0.51810	0.0	0.0	334.72
		22	TP No.2_4	0.0	143.00000	-50.00000	20.0000	0.0	0.0	0.34903	0.0	0.0	60.945
				2.0591	144.00000	-48.20000	20.0000	0.0	0.0	0.49163	0.0	0.0	60.945
				4.1183	145.00000	-46.40000	20.0000	0.0	0.0	0.50436	0.0	0.0	60.945
				6.1774	146.00000	-44.60000	20.0000	0.0	0.0	0.51545	0.0	0.0	60.945
				8.2365	147.00000	-42.80000	20.0000	0.0	0.0	0.52434	0.0	0.0	60.945
				10.296	148.00000	-41.00000	20.0000	0.0	0.0	0.53039	0.0	0.0	60.945
		23	TP No.3_1	0.0	200.00000	-55.00000	20.0000	0.0	0.0	0.28172	0.0	0.0	154.44
				2.0396	198.16000	-54.12000	20.0000	0.0	0.0	0.29295	0.0	0.0	154.44
				4.0792	196.32000	-53.24000	20.0000	0.0	0.0	0.30453	0.0	0.0	154.44
				6.1188	194.48000	-52.36000	20.0000	0.0	0.0	0.31646	0.0	0.0	154.44
				8.1584	192.64000	-51.48000	20.0000	0.0	0.0	0.32870	0.0	0.0	154.44
				10.198	190.80000	-50.60000	20.0000	0.0	0.0	0.34123	0.0	0.0	154.44
				12.238	188.96000	-49.72000	20.0000	0.0	0.0	0.35400	0.0	0.0	154.44
				14.277	187.12000	-48.84000	20.0000	0.0	0.0	0.36697	0.0	0.0	154.44
				16.317	185.28000	-47.96000	20.0000	0.0	0.0	0.38006	0.0	0.0	154.44
				18.356	183.44000	-47.08000	20.0000	0.0	0.0	0.39321	0.0	0.0	154.44
				20.396	181.60000	-46.20000	20.0000	0.0	0.0	0.40632	0.0	0.0	154.44
				22.436	179.76000	-45.32000	20.0000	0.0	0.0	0.41929	0.0	0.0	154.44
				24.475	177.92000	-44.44000	20.0000	0.0	0.0	0.43200	0.0	0.0	154.44
				26.515	176.08000	-43.56000	20.0000	0.0	0.0	0.44430	0.0	0.0	154.44
				28.555	174.24000	-42.68000	20.0000	0.0	0.0	0.45656	0.0	0.0	154.44
				30.594	172.40000	-41.80000	20.0000	0.0	0.0	0.46710	0.0	0.0	154.44
				32.634	170.56000	-40.92000	20.0000	0.0	0.0	0.47723	0.0	0.0	154.44
				34.673	168.72000	-40.04000	20.0000	0.0	0.0	0.48627	0.0	0.0	154.44
				36.713	166.88000	-39.16000	20.0000	0.0	0.0	0.49401	0.0	0.0	154.44
				38.753	165.04000	-38.28000	20.0000	0.0	0.0	0.50025	0.0	0.0	154.44
				40.792	163.20000	-37.40000	20.0000	0.0	0.0	0.50477	0.0	0.0	154.44
				42.832	161.36000	-36.52000	20.0000	0.0	0.0	0.50737	0.0	0.0	154.44
				44.871	159.52000	-35.64000	20.0000	0.0	0.0	0.50785	0.0	0.0	154.44
				46.911	157.68000	-34.76000	20.0000	0.0	0.0	0.50605	0.0	0.0	154.44
				48.951	155.84000	-33.88000	20.0000	0.0	0.0	0.50180	0.0	0.0	154.44
				50.990	154.00000	-33.00000	20.0000	0.0	0.0	0.49496	0.0	0.0	154.44
		24	TP No.3_2	0.0	154.00000	-33.00000	20.0000	0.0	0.0	0.49496	0.0	0.0	243.43
				1.9166	153.14286	-34.71429	20.0000	0.0	0.0	0.51294	0.0	0.0	243.43
				3.8333	152.28571	-36.42857	20.0000	0.0	0.0	0.52370	0.0	0.0	243.43
				5.7499	151.42857	-38.14286	20.0000	0.0	0.0	0.52863	0.0	0.0	243.43
				7.6665	150.57143	-39.85714	20.0000	0.0	0.0	0.52888	0.0	0.0	243.43
				9.5831	149.71429	-41.57143	20.0000	0.0	0.0	0.52538	0.0	0.0	243.43
				11.500	148.85714	-43.28571	20.0000	0.0	0.0	0.51892	0.0	0.0	243.43
				13.416	148.00000	-45.00000	20.0000	0.0	0.0	0.51011	0.0	0.0	243.43
		25	TP No.3_3	0.0	148.00000	-45.00000	20.0000	0.0	0.0	0.51011	0.0	0.0	335.46
				2.0227	149.84000	-45.84000	20.0000	0.0	0.0	0.50167	0.0	0.0	335.46
				4.0453	151.68000	-46.68000	20.0000	0.0	0.0	0.49268	0.0	0.0	335.46
				6.0680	153.52000	-47.52000	20.0000	0.0	0.0	0.48319	0.0	0.0	335.46
				8.0907	155.36000	-48.36000	20.0000	0.0	0.0	0.47326	0.0	0.0	335.46
				10.113	157.20000	-49.20000	20.0000	0.0	0.0	0.46293	0.0	0.0	335.46
				12.136	159.04000	-50.04000	20.0000	0.0	0.0	0.45230	0.0	0.0	335.46
				14.159	160.88000	-50.88000	20.0000	0.0	0.0	0.44137	0.0	0.0	335.46
				16.181	162.72000	-51.72000	20.0000	0.0	0.0	0.43022	0.0	0.0	335.46
				18.204	164.56000	-52.56000	20.0000	0.0	0.0	0.41890	0.0	0.0	335.46
				20.227	166.40000	-53.40000	20.0000	0.0	0.0	0.40747	0.0	0.0	335.46
				22.249	168.24000	-54.24000	20.0000	0.0	0.0	0.39596	0.0	0.0	335.46
				24.272	170.08000	-55.08000	20.0000	0.0	0.0	0.38444	0.0	0.0	335.46
				26.295	171.92000	-55.92000	20.0000	0.0	0.0	0.37293	0.0	0.0	335.46
				28.317	173.76000	-56.76000	20.0000	0.0	0.0	0.36149	0.0	0.0	335.46
				30.340	175.60000	-57.60000	20.0000	0.0	0.0	0.35016	0.0	0.0	335.46
				32.363	177.44000	-58.44000	20.0000	0.0	0.0	0.33895	0.0	0.0	335.46
				34.385	179.28000	-59.28000	20.0000	0.0	0.0	0.32791	0.0	0.0	335.46
				36.408	181.12000	-60.12000	20.0000	0.0	0.0	0.31706	0.0	0.0	335.46
				38.431	182.96000	-60.96000	20.0000	0.0	0.0	0.30643	0.0	0.0	335.46
				40.453	184.80000	-61.80000	20.0000	0.0	0.0	0.29602	0.0	0.0	335.46
				42.476	186.64000	-62.64000	20.0000	0.0	0.0	0.28587	0.0	0.0	335.46
				44.499	188.48000	-63.48000	20.0000	0.0	0.0	0.27597	0.0	0.0	335.46
				46.521	190.32000	-64.32000	20.0000	0.0	0.0	0.26635	0.0	0.0	335.46
				48.544	192.16000	-65.16000	20.0000	0.0	0.0	0.25700	0.0	0.0	335.46
				50.567	194.00000	-66.00000	20.0000	0.0	0.0	0.24793	0.0	0.0	335.46
		26	TP No.3_4	0.0	194.00000	-66.00000	20.0000	0.0	0.0	0.24793	0.0	0.0	61.390



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δR//	δPerp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				11.500	200.50000	-19.00000	19.00000	0.0	0.0	0.45576	0.0	0.0	180.00
				13.417	198.58333	-19.00000	19.00000	0.0	0.0	0.46204	0.0	0.0	180.00
				15.333	196.66667	-19.00000	19.00000	0.0	0.0	0.46611	0.0	0.0	180.00
				17.250	194.75000	-19.00000	19.00000	0.0	0.0	0.46743	0.0	0.0	180.00
				19.167	192.83333	-19.00000	19.00000	0.0	0.0	0.46541	0.0	0.0	180.00
				21.083	190.91667	-19.00000	19.00000	0.0	0.0	0.45935	0.0	0.0	180.00
				23.000	189.00000	-19.00000	19.00000	0.0	0.0	0.44855	0.0	0.0	180.00
	33		Hospital No.2_1	0.0	189.00000	37.00000	19.00000	0.0	0.0	0.30349	0.0	0.0	270.00
				2.000	189.00000	35.00000	19.00000	0.0	0.0	0.30419	0.0	0.0	270.00
				4.000	189.00000	33.00000	19.00000	0.0	0.0	0.30444	0.0	0.0	270.00
				6.000	189.00000	31.00000	19.00000	0.0	0.0	0.30430	0.0	0.0	270.00
				8.000	189.00000	29.00000	19.00000	0.0	0.0	0.30357	0.0	0.0	270.00
				10.000	189.00000	27.00000	19.00000	0.0	0.0	0.30195	0.0	0.0	270.00
				12.000	189.00000	25.00000	19.00000	0.0	0.0	0.29931	0.0	0.0	270.00
				14.000	189.00000	23.00000	19.00000	0.0	0.0	0.29576	0.0	0.0	270.00
				16.000	189.00000	21.00000	19.00000	0.0	0.0	0.29155	0.0	0.0	270.00
				18.000	189.00000	19.00000	19.00000	0.0	0.0	0.28685	0.0	0.0	270.00
				20.000	189.00000	17.00000	19.00000	0.0	0.0	0.28165	0.0	0.0	270.00
				22.000	189.00000	15.00000	19.00000	0.0	0.0	0.27594	0.0	0.0	270.00
				24.000	189.00000	13.00000	19.00000	0.0	0.0	0.26993	0.0	0.0	270.00
				26.000	189.00000	11.00000	19.00000	0.0	0.0	0.26412	0.0	0.0	270.00
				28.000	189.00000	9.00000	19.00000	0.0	0.0	0.25916	0.0	0.0	270.00
				30.000	189.00000	7.00000	19.00000	0.0	0.0	0.25564	0.0	0.0	270.00
				32.000	189.00000	5.00000	19.00000	0.0	0.0	0.25408	0.0	0.0	270.00
	34		Hospital No.2_2	0.0	189.00000	5.00000	19.00000	0.0	0.0	0.25408	0.0	0.0	0.0
				2.000	191.00000	5.00000	19.00000	0.0	0.0	0.35274	0.0	0.0	0.0
				4.000	193.00000	5.00000	19.00000	0.0	0.0	0.42135	0.0	0.0	0.0
				6.000	195.00000	5.00000	19.00000	0.0	0.0	0.46768	0.0	0.0	0.0
				8.000	197.00000	5.00000	19.00000	0.0	0.0	0.49741	0.0	0.0	0.0
				10.000	199.00000	5.00000	19.00000	0.0	0.0	0.51468	0.0	0.0	0.0
				12.000	201.00000	5.00000	19.00000	0.0	0.0	0.52262	0.0	0.0	0.0
				14.000	203.00000	5.00000	19.00000	0.0	0.0	0.52357	0.0	0.0	0.0
				16.000	205.00000	5.00000	19.00000	0.0	0.0	0.51931	0.0	0.0	0.0
				18.000	207.00000	5.00000	19.00000	0.0	0.0	0.51120	0.0	0.0	0.0
				20.000	209.00000	5.00000	19.00000	0.0	0.0	0.50023	0.0	0.0	0.0
				22.000	211.00000	5.00000	19.00000	0.0	0.0	0.49740	0.0	0.0	0.0
				24.000	213.00000	5.00000	19.00000	0.0	0.0	0.47313	0.0	0.0	0.0
				26.000	215.00000	5.00000	19.00000	0.0	0.0	0.45797	0.0	0.0	0.0
				28.000	217.00000	5.00000	19.00000	0.0	0.0	0.44230	0.0	0.0	0.0
				30.000	219.00000	5.00000	19.00000	0.0	0.0	0.42639	0.0	0.0	0.0
				32.000	221.00000	5.00000	19.00000	0.0	0.0	0.41046	0.0	0.0	0.0
				34.000	223.00000	5.00000	19.00000	0.0	0.0	0.39469	0.0	0.0	0.0
				36.000	225.00000	5.00000	19.00000	0.0	0.0	0.37918	0.0	0.0	0.0
	35		Hospital No.2_3	0.0	225.00000	5.00000	19.00000	0.0	0.0	0.37918	0.0	0.0	90.00
				2.000	225.00000	7.00000	19.00000	0.0	0.0	0.38347	0.0	0.0	90.00
				4.000	225.00000	9.00000	19.00000	0.0	0.0	0.38750	0.0	0.0	90.00
				6.000	225.00000	11.00000	19.00000	0.0	0.0	0.39124	0.0	0.0	90.00
				8.000	225.00000	13.00000	19.00000	0.0	0.0	0.39469	0.0	0.0	90.00
				10.000	225.00000	15.00000	19.00000	0.0	0.0	0.39783	0.0	0.0	90.00
				12.000	225.00000	17.00000	19.00000	0.0	0.0	0.40064	0.0	0.0	90.00
				14.000	225.00000	19.00000	19.00000	0.0	0.0	0.40312	0.0	0.0	90.00
				16.000	225.00000	21.00000	19.00000	0.0	0.0	0.40527	0.0	0.0	90.00
				18.000	225.00000	23.00000	19.00000	0.0	0.0	0.40706	0.0	0.0	90.00
				20.000	225.00000	25.00000	19.00000	0.0	0.0	0.40849	0.0	0.0	90.00
				22.000	225.00000	27.00000	19.00000	0.0	0.0	0.40957	0.0	0.0	90.00
				24.000	225.00000	29.00000	19.00000	0.0	0.0	0.41027	0.0	0.0	90.00
				26.000	225.00000	31.00000	19.00000	0.0	0.0	0.41061	0.0	0.0	90.00
				28.000	225.00000	33.00000	19.00000	0.0	0.0	0.41058	0.0	0.0	90.00
				30.000	225.00000	35.00000	19.00000	0.0	0.0	0.41018	0.0	0.0	90.00
				32.000	225.00000	37.00000	19.00000	0.0	0.0	0.40941	0.0	0.0	90.00
	36		Hospital No.2_4	0.0	225.00000	37.00000	19.00000	0.0	0.0	0.40941	0.0	0.0	180.00
				2.000	223.00000	37.00000	19.00000	0.0	0.0	0.42671	0.0	0.0	180.00
				4.000	221.00000	37.00000	19.00000	0.0	0.0	0.44433	0.0	0.0	180.00
				6.000	219.00000	37.00000	19.00000	0.0	0.0	0.46213	0.0	0.0	180.00
				8.000	217.00000	37.00000	19.00000	0.0	0.0	0.47994	0.0	0.0	180.00
				10.000	215.00000	37.00000	19.00000	0.0	0.0	0.49750	0.0	0.0	180.00
				12.000	213.00000	37.00000	19.00000	0.0	0.0	0.51451	0.0	0.0	180.00
				14.000	211.00000	37.00000	19.00000	0.0	0.0	0.53056	0.0	0.0	180.00
				16.000	209.00000	37.00000	19.00000	0.0	0.0	0.54513	0.0	0.0	180.00
				18.000	207.00000	37.00000	19.00000	0.0	0.0	0.55755	0.0	0.0	180.00
				20.000	205.00000	37.00000	19.00000	0.0	0.0	0.56697	0.0	0.0	180.00
				22.000	203.00000	37.00000	19.00000	0.0	0.0	0.57228	0.0	0.0	180.00
				24.000	201.00000	37.00000	19.00000	0.0	0.0	0.57208	0.0	0.0	180.00
				26.000	199.00000	37.00000	19.00000	0.0	0.0	0.56455	0.0	0.0	180.00
				28.000	197.00000	37.00000	19.00000	0.0	0.0	0.54735	0.0	0.0	180.00
				30.000	195.00000	37.00000	19.00000	0.0	0.0	0.51741	0.0	0.0	180.00
				32.000	193.00000	37.00000	19.000						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

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]	[mm]	[°]
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.33236	0.0	90.000 *
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.32808	0.0	90.000 *
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.32363	0.0	90.000 *
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.31902	0.0	90.000 *
					25.188	230.00000	71.18750	19.00000	0.0	0.0	0.31426	0.0	90.000 *
					27.125	230.00000	73.12500	19.00000	0.0	0.0	0.30937	0.0	90.000 *
					29.063	230.00000	75.06250	19.00000	0.0	0.0	0.30436	0.0	90.000 *
					31.000	230.00000	77.00000	19.00000	0.0	0.0	0.29923	0.0	90.000 *
44			Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	0.29923	0.0	180.00 *
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	0.31092	0.0	180.00 *
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	0.32297	0.0	180.00 *
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	0.33536	0.0	180.00 *
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	0.34803	0.0	180.00 *
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	0.36095	0.0	180.00 *
					11.714	218.28571	77.00000	19.00000	0.0	0.0	0.37404	0.0	180.00 *
					13.667	216.33333	77.00000	19.00000	0.0	0.0	0.38720	0.0	180.00 *
					15.619	214.38095	77.00000	19.00000	0.0	0.0	0.40031	0.0	180.00 *
					17.571	212.42857	77.00000	19.00000	0.0	0.0	0.41321	0.0	180.00 *
					19.524	210.47619	77.00000	19.00000	0.0	0.0	0.42570	0.0	180.00 *
					21.476	208.52381	77.00000	19.00000	0.0	0.0	0.43752	0.0	180.00 *
					23.429	206.57143	77.00000	19.00000	0.0	0.0	0.44834	0.0	180.00 *
					25.381	204.61905	77.00000	19.00000	0.0	0.0	0.45775	0.0	180.00 *
					27.333	202.66667	77.00000	19.00000	0.0	0.0	0.46520	0.0	180.00 *
					29.286	200.71429	77.00000	19.00000	0.0	0.0	0.47002	0.0	180.00 *
					31.238	198.76190	77.00000	19.00000	0.0	0.0	0.47135	0.0	180.00 *
					33.190	196.80952	77.00000	19.00000	0.0	0.0	0.46808	0.0	180.00 *
					35.143	194.85714	77.00000	19.00000	0.0	0.0	0.45878	0.0	180.00 *
					37.095	192.90476	77.00000	19.00000	0.0	0.0	0.44160	0.0	180.00 *
					39.048	190.95238	77.00000	19.00000	0.0	0.0	0.41412	0.0	180.00 *
					41.000	189.00000	77.00000	19.00000	0.0	0.0	0.37318	0.0	180.00 *
45			Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	-0.56321	0.0	358.75 *
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	-0.59656	0.0	358.75 *
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	-0.62986	0.0	358.75 *
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	-0.66229	0.0	358.75 *
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	-0.69271	0.0	358.75 *
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	-0.71955	0.0	358.75 *
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	-0.74069	0.0	358.75 *
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	-0.75325	0.0	358.75 *
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	-0.75329	0.0	358.75 *
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	-0.73548	0.0	358.75 *
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	-0.69249	0.0	358.75 *
					22.005	-8.00000	11.52174	21.00000	0.56407	0.084668	-0.52627	0.56209	0.097207 358.75 *
					24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	0.042136	1.1782	0.23422 358.75 *
					26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	0.09493	1.7464	0.40971 358.75 *
					28.007	-2.00000	11.39130	21.00000	2.4668	0.65090	2.0859	2.4521	0.70435 358.75 *
					30.007	0.00000	11.34783	21.00000	3.1001	1.0758	3.5817	3.0759	1.1429 358.75 *
					32.008	2.00000	11.30435	21.00000	3.4879	1.7373	5.3217	3.4494	1.8127 358.75 *
					34.008	4.00000	11.26087	21.00000	3.3833	2.8393	7.2052	3.3208	2.9127 358.75 *
					36.009	6.00000	11.21739	21.00000	2.3032	4.7164	9.1211	2.2001	4.7653 358.75 *
					38.009	8.00000	11.17391	21.00000	87.034E-12	7.2962	10.856	-0.15858	7.2945 358.75 *
					40.009	10.00000	11.13043	21.00000	0.0	7.2661	12.241	-0.15792	7.2644 358.75 *
					42.010	12.00000	11.08696	21.00000	0.0	7.2361	13.015	-0.15727	7.2344 358.75 *
					44.010	14.00000	11.04348	21.00000	0.0	7.2062	13.371	-0.15662	7.2045 358.75 *
					46.011	16.00000	11.00000	21.00000	0.0	7.1763	13.515	-0.15597	7.1746 358.75 *
					48.011	18.00000	10.95652	21.00000	0.0	7.1465	13.550	-0.15532	7.1448 358.75 *
					50.012	20.00000	10.91304	21.00000	0.0	7.1167	13.525	-0.15467	7.1150 358.75 *
					52.012	22.00000	10.86957	21.00000	0.0	7.0870	13.464	-0.15403	7.0854 358.75 *
					54.013	24.00000	10.82609	21.00000	0.0	7.0574	13.378	-0.15339	7.0557 358.75 *
					56.013	26.00000	10.78261	21.00000	0.0	7.0278	13.272	-0.15274	7.0262 358.75 *
					58.014	28.00000	10.73913	21.00000	0.0	6.9983	13.149	-0.15210	6.9967 358.75 *
					60.014	30.00000	10.69565	21.00000	0.0	6.9689	13.003	-0.15146	6.9672 358.75 *
					62.015	32.00000	10.65217	21.00000	0.0	6.9395	12.830	-0.15082	6.9378 358.75 *
					64.015	34.00000	10.60870	21.00000	0.0	6.9101	12.615	-0.15018	6.9085 358.75 *
					66.016	36.00000	10.56522	21.00000	0.0	6.8809	12.339	-0.14955	6.8792 358.75 *
					68.016	38.00000	10.52174	21.00000	0.0	6.8516	11.964	-0.14891	6.8500 358.75 *
					70.017	40.00000	10.47826	21.00000	0.0	6.8225	11.432	-0.14828	6.8209 358.75 *
					72.017	42.00000	10.43478	21.00000	0.0	6.7934	10.651	-0.14765	6.7918 358.75 *
					74.017	44.00000	10.39130	21.00000	0.0	5.2973	8.3377	-0.11513	5.2960 358.75 *
					76.018	46.00000	10.34783	21.00000	0.0	4.7880	6.4497	-0.11046	4.7868 358.75 *
					78.018	48.00000	10.30435	21.00000	0.0	4.4456	5.0414	-0.09621	4.4446 358.75 *
					80.019	50.00000	10.26087	21.00000	0.0	4.2277	4.1879	-0.091886	4.2267 358.75 *
					82.019	52.00000	10.21739	21.00000	0.0	4.0826	3.6333	-0.088732	4.0817 358.75 *
					84.020	54.00000	10.17391	21.00000	-1.3246	2.9419	3.4353	-1.3882	2.9127 358.75 *
					86.020	56.00000	10.13043	21.00000	-2.1982	1.8848	2.7278	-2.2387	1.8366 358.75 *
					88.021	58.00000	10.08696	21.00000	-2.3024	1.1881	1.6184	-2.3277	1.1378 358.75 *
					90.021	60.00000	10.04348	21.00000	-1.9594	0.73451	0.48146	-1.9749	0.69175 358.75 *
					92.022	62.00000	10.00000	21.00000	-1.3776	0.42477	-0.51132	-1.3865	0.39473 358.75 *
46			Rd_2		0.0	62.00000	10.00000	20.00000	-1.3776	0.42477	-0.51132	-1.4399	-0.070572 340.06 *
					2.0035	63.88333	9.31667	20.01667	-0.61783				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δθ //	δφ perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					6.0052	179.75000	84.00000	21.50000	0.0	0.0	0.23190	0.0	267.61
					8.0069	179.66667	82.00000	21.50000	0.0	0.0	0.20170	0.0	267.61
					10.009	179.58333	80.00000	21.50000	0.0	0.0	0.077348	0.0	267.61
					12.010	179.50000	78.00000	21.50000	0.0	0.0	-0.092467	0.0	267.61
					14.012	179.41667	76.00000	21.50000	0.0	0.0	-0.32061	0.0	267.61
					16.014	179.33333	74.00000	21.50000	0.0	0.0	-0.61395	0.0	267.61
					18.016	179.25000	72.00000	21.50000	0.0	0.0	-0.94826	0.0	267.61
					20.017	179.16667	70.00000	21.50000	0.0	0.0	-1.2297	0.0	267.61
					22.019	179.08333	68.00000	21.50000	0.0	0.0	-1.3465	0.0	267.61
					24.021	179.00000	66.00000	21.50000	0.0	0.0	-1.3160	0.0	267.61
					26.023	178.91667	64.00000	21.50000	0.0	0.0	-1.2697	0.0	267.61
					28.024	178.83333	62.00000	21.50000	0.0	0.0	-1.3037	0.0	267.61
					30.026	178.75000	60.00000	21.50000	0.0	0.0	-1.4241	0.0	267.61
					32.028	178.66667	58.00000	21.50000	0.0	0.0	-1.5406	0.0	267.61
					34.030	178.58333	56.00000	21.50000	0.0	0.0	-1.5377	0.0	267.61
					36.031	178.50000	54.00000	21.50000	0.0	0.0	-1.4311	0.0	267.61
					38.033	178.41667	52.00000	21.50000	0.0	0.0	-1.3485	0.0	267.61
					40.035	178.33333	50.00000	21.50000	0.0	0.0	-1.3781	0.0	267.61
					42.036	178.25000	48.00000	21.50000	0.0	0.0	-1.5257	0.0	267.61
					44.038	178.16667	46.00000	21.50000	0.0	0.0	-1.6843	0.0	267.61
					46.040	178.08333	44.00000	21.50000	0.0	0.0	-1.6958	0.0	267.61
					48.042	178.00000	42.00000	21.50000	0.0	0.0	-1.5789	0.0	267.61
					50.043	177.91667	40.00000	21.50000	0.0	0.0	-1.4961	0.0	267.61
					52.045	177.83333	38.00000	21.50000	0.0	0.0	-1.5559	0.0	267.61
					54.047	177.75000	36.00000	21.50000	0.0	0.0	-1.7659	0.0	267.61
					56.049	177.66667	34.00000	21.50000	0.0	0.0	-1.9941	0.0	267.61
					58.050	177.58333	32.00000	21.50000	0.0	0.0	-1.9813	0.0	267.61
					60.052	177.50000	30.00000	21.50000	0.0	0.0	-1.7838	0.0	267.61
					62.054	177.41667	28.00000	21.50000	0.0	0.0	-1.6509	0.0	267.61
					64.056	177.33333	26.00000	21.50000	0.0	0.0	-1.7075	0.0	267.61
					66.057	177.25000	24.00000	21.50000	0.0	0.0	-1.9643	0.0	267.61
					68.059	177.16667	22.00000	21.50000	0.0	0.0	-2.2464	0.0	267.61
					70.061	177.08333	20.00000	21.50000	0.0	0.0	-2.2395	0.0	267.61
					72.062	177.00000	18.00000	21.50000	0.0	0.0	-2.0064	0.0	267.61
					74.064	176.91667	16.00000	21.50000	0.0	0.0	-1.8623	0.0	267.61
					76.066	176.83333	14.00000	21.50000	0.0	0.0	-1.9622	0.0	267.61
					78.068	176.75000	12.00000	21.50000	0.0	0.0	-2.3530	0.0	267.61
					80.069	176.66667	10.00000	21.50000	0.0	0.0	-2.8685	0.0	267.61
					82.071	176.58333	8.00000	21.50000	0.0	0.0	-2.7944	0.0	267.61
					84.073	176.50000	6.00000	21.50000	0.0	0.0	-2.3970	0.0	267.61
					86.075	176.41667	4.00000	21.50000	0.0	0.0	-2.2225	0.0	267.61
					88.076	176.33333	2.00000	21.50000	0.0	0.0	-2.4788	0.0	267.61
					90.078	176.25000	0.00000	21.50000	0.0	0.0	-3.4475	0.0	267.61
					92.080	176.16667	-2.00000	21.50000	0.0	0.0	-4.4589	0.0	267.61
					94.082	176.08333	-4.00000	21.50000	0.0	0.0	-4.1933	0.0	267.61
					96.083	176.00000	-6.00000	21.50000	0.0	0.0	-2.7057	0.0	267.61
					98.085	175.91667	-8.00000	21.50000	0.0	0.0	-1.5600	0.0	267.61
					100.09	175.83333	-10.00000	21.50000					Point lies within an excavation.
					102.09	175.75000	-12.00000	21.50000					Point lies within an excavation.
					104.09	175.66667	-14.00000	21.50000					Point lies within an excavation.
					106.09	175.58333	-16.00000	21.50000					Point lies within an excavation.
					108.09	175.50000	-18.00000	21.50000					Point lies within an excavation.
					110.10	175.41667	-20.00000	21.50000	0.0	0.0	0.24596	0.0	267.61
					112.10	175.33333	-22.00000	21.50000	0.0	0.0	0.32478	0.0	267.61
					114.10	175.25000	-24.00000	21.50000	0.0	0.0	0.38214	0.0	267.61
					116.10	175.16667	-26.00000	21.50000	0.0	0.0	0.42293	0.0	267.61
					118.10	175.08333	-28.00000	21.50000	0.0	0.0	0.45080	0.0	267.61
					120.10	175.00000	-30.00000	21.50000	0.0	0.0	0.46859	0.0	267.61
48			RW_1		0.0	0.00000	63.00000	22.00000	0.0	0.0	-0.59305	0.0	7.8831
					1.9885	1.96978	63.27273	22.00000	0.014166	-0.059566	0.0058611	-0.060044	7.8831
					3.9770	3.93939	63.54545	22.00000	0.019009	-0.13749	-0.48907	-28.744E-6	-0.13880
					5.9655	5.90909	63.81818	22.00000	0.0078117	-0.14799	-0.45666	-0.012560	-0.14767
					7.9540	7.87879	64.09091	22.00000	0.0	-0.074659	-0.44404	-0.010240	-0.073954
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	-0.44435	0.0	7.8831
					11.931	11.81818	64.63636	22.00000	0.0	0.0	-0.43531	0.0	7.8831
					13.919	13.78788	64.90909	22.00000	0.0	0.0	-0.43511	0.0	7.8831
					15.908	15.75758	65.18182	22.00000	0.0	0.0	-0.44261	0.0	7.8831
					17.896	17.72727	65.45455	22.00000	0.0	0.0	-0.45609	0.0	7.8831
					19.885	19.69697	65.72727	22.00000	0.0	0.0	-0.47357	0.0	7.8831
					21.873	21.66667	66.00000	22.00000	0.0	0.0	-0.49307	0.0	7.8831
					23.862	23.63636	66.27273	22.00000	0.0	0.0	-0.51283	0.0	7.8831
					25.850	25.60606	66.54545	22.00000	0.0	0.0	-0.53137	0.0	7.8831
					27.839	27.57576	66.81818	22.00000	0.0	0.0	-0.54761	0.0	7.8831
					29.827	29.54545	67.09091	22.00000	0.0	0.0	-0.56079	0.0	7.8831
					31.816	31.51515	67.36364	22.00000	0.0	0.0	-0.57048	0.0	7.8831
					33.804	33.48485	67.63636	22.00000	0.0	0.0	-0.57647	0.0	7.8831
					35.793	35.45455	67.90909	22.00000	0.0	0.0	-0.57877	0.0	7.8831
					37.781	37.42424	68.18182	22.00000	0.0	0.0	-0.57749	0.0	7.8831
					39.770	39.39394	68.45455	22.00000	0.0	0.0	-0.57284	0.0	7.8831
					41.758	41.36364	68.72727	22.00000	0.0	0.0	-0.56504	0.0	7.8831
					43.747	43.33333	69.00000	22.00000	0.0	0.0	-0.55433	0.0	7.8831
					45.735	45.30303	69.27273	22.00000	0.0	0.0	-0.54096	0.0	7.8831
					47.724	47.27273	69.54545	22.00000	0.0	0.0	-0.52515	0.0	7.8831
					49.712	49.24242	69.81818	22.00000	0.0	0.0	-0.50712	0.0	7.8831
					51.701	51.21212	70.09091	22.00000	0.0	0.0	-0.48707	0.0	7.8831
					53.689	53.18182	70.36364	22.00000	0.0	0.0	-0.46522	0.0	7.8831
					55.678	55.15152	70.63636	22.00000	0.0	0.0	-0.44177	0.0	7.8831
					57.666	57.12121	70.90909	22.00000	0.0	0.0	-0.41694	0.0	7.8831
					59.655	59.09091	71.18182	22.00000	0.0	0.0	-0.39098	0.0	7.8831
					61.643	61.06061	71.45455	22.00000	0.0	0.0	-0.36414	0.0	7.8831
					63.632	63.03030	71.72727	22.00000	0.0	0.0	-0.33673	0.0	7.8831
					65.620	65.00000	72.00000	22.00000	0.0	0.0	-0.30906	0.0	7.8831
49			RW_2		0.0	65.00000	72.00000	22.00000	0.0	0.0	-0.30906	0.0	20.999
					2.0008	66.86792	72.71698	22.00000	0.0	0.0	-0.26052	0.0	20.999
					4.0016	68.73585	73.43396	22.00000	0.0	0.0	-0.21171	0.0	20.999
					6.0024	70.60377	74.15094	22.00000	0.0	0.0	-0.16328	0.0	20.999
					8.0032	72.47170	74.86792	22.00000	0.0	0.0	-0.11576	0.0	20.999
					10.004	74.33962	75.58491	22.00000	0.0	0.0	-0.069617	0.0	20.



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					98.039	156.52830	107.13208	22.00000	0.0	0.0	0.51004	0.0	20.999 *
					100.04	158.39623	107.84906	22.00000	0.0	0.0	0.50111	0.0	20.999 *
					102.04	160.26415	108.56604	22.00000	0.0	0.0	0.49164	0.0	20.999 *
					104.04	162.13208	109.28302	22.00000	0.0	0.0	0.48170	0.0	20.999 *
					106.04	164.00000	110.00000	22.00000	0.0	0.0	0.47133	0.0	20.999 *
					0.0	5.39000	50.78000	21.50000	1.1914	-5.4180	10.461	1.2394	-5.4072 359.49 *
	50		canal wall L1		2.0944	8.08429	50.76143	21.50000	0.0	-6.7736	13.114	0.060063	-6.7733 359.49 *
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	14.122	0.060173	-6.7857 359.49 *
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	14.716	0.060284	-6.7981 359.49 *
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	15.830	0.060394	-6.8106 359.49 *
					10.472	16.46143	50.68714	21.50000	-179.275-12	-6.8233	16.047	0.060504	-6.8230 359.49 *
					12.566	18.55571	50.66857	21.50000	0.0	-6.8236	15.269	-0.19773	-6.8256 359.49 *
					14.661	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.522	-0.46034	-6.7246 359.49 *
	51		canal wall L2		0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.522	0.41602	-6.7274 352.04 *
					2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	15.773	0.42122	-6.8116 352.04 *
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	15.244	-0.42646	-6.8963 352.04 *
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	15.955	0.43172	-6.9814 352.04 *
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	16.002	0.43702	-7.0670 352.04 *
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	15.544	0.44234	-7.1531 352.04 *
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	15.896	0.44770	-7.2397 352.04 *
					14.317	34.82889	48.66667	21.50000	-0.56628	-7.3190	15.717	0.45309	-7.3269 352.04 *
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	15.064	0.45851	-7.4145 352.04 *
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.579	0.46396	-7.5027 352.04 *
	52		canal wall L3		0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.579	-1.0488	-7.4435 3.5959 *
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2295	14.345	-1.0209	-7.2458 3.5959 *
					4.1056	42.97750	48.35750	21.50000	-0.13702	-5.8482	11.562	-0.50355	-5.8281 3.5959 *
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	8.9146	-0.40249	-5.0841 3.5959 *
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	6.9293	-0.33341	-4.5672 3.5959 *
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	5.6020	-0.29113	-4.2404 3.5959 *
					12.317	51.17250	48.87250	21.50000	-0.011284	-4.0293	3.9750	-0.26402	-4.0213 3.5959 *
					14.370	53.22125	49.00125	21.50000	-1.28984	-2.8090	3.0571	-1.4720	-2.7721 3.5959 *
					16.422	55.27000	49.13000	21.50000	-1.9790	-1.8105	1.5546	-2.0887	-1.6828 3.5959 *
	53		canal wall L4		0.0	55.27000	49.13000	21.50000	-1.9790	-1.8105	1.5546	-2.4900	-0.99726 20.627 *
					1.9865	57.12918	49.82984	21.50000	-1.7676	-1.2335	-0.24801	-2.0889	-0.53168 20.627 *
					3.9731	58.98936	50.52967	21.50000	-1.3325	-0.80636	-1.7334	-1.5228	-0.28840 20.627 *
					5.9596	60.84754	51.22951	21.50000	-0.76035	-0.46113	-2.7637	-0.87405	-0.16371 20.627 *
					7.9461	62.70672	51.92934	21.50000	-0.27874	-0.16461	-3.3632	-0.31886	-0.055857 20.627 *
					9.9327	64.56590	52.62918	21.50000	-191.46E-12	-113.06E-12	-3.7222	-219.02E-12	-38.366E-12 20.627 *
					11.919	66.42508	53.32902	21.50000	0.0	0.0	-3.7934	0.0	0.0 20.627 *
					13.906	68.28426	54.02885	21.50000	0.0	0.0	-3.8255	0.0	0.0 20.627 *
					15.892	70.14344	54.72869	21.50000	0.0	0.0	-3.9239	0.0	0.0 20.627 *
					17.879	72.00262	55.42852	21.50000	0.0	0.0	-4.0175	0.0	0.0 20.627 *
					19.865	73.86180	56.12836	21.50000	0.0	0.0	-3.9664	0.0	0.0 20.627 *
					21.852	75.72098	56.82820	21.50000	0.0	0.0	-3.7729	0.0	0.0 20.627 *
					23.838	77.58016	57.52803	21.50000	0.0	0.0	-3.5608	0.0	0.0 20.627 *
					25.825	79.43934	58.22787	21.50000	0.0	0.0	-3.4432	0.0	0.0 20.627 *
					27.811	81.29852	58.92770	21.50000	0.0	0.0	-3.4391	0.0	0.0 20.627 *
					29.798	83.15770	59.62754	21.50000	0.0	0.0	-3.4645	0.0	0.0 20.627 *
					31.785	85.01689	60.32738	21.50000	0.0	0.0	-3.4014	0.0	0.0 20.627 *
					33.771	86.87607	61.02721	21.50000	0.0	0.0	-3.2329	0.0	0.0 20.627 *
					35.758	88.73525	61.72705	21.50000	0.0	0.0	-3.0657	0.0	0.0 20.627 *
					37.744	90.59443	62.42689	21.50000	0.0	0.0	-3.0107	0.0	0.0 20.627 *
					39.731	92.45361	63.12672	21.50000	0.0	0.0	-3.1012	0.0	0.0 20.627 *
					41.717	94.31279	63.82656	21.50000	0.0	0.0	-3.2780	0.0	0.0 20.627 *
					43.704	96.17197	64.52639	21.50000	0.0	0.0	-3.4287	0.0	0.0 20.627 *
					45.690	98.03115	65.22623	21.50000	0.0	0.0	-3.4764	0.0	0.0 20.627 *
					47.677	99.89033	65.92607	21.50000	0.0	0.0	-3.3932	0.0	0.0 20.627 *
					49.663	101.74951	66.62590	21.50000	0.0	0.0	-3.1883	0.0	0.0 20.627 *
					51.650	103.60869	67.32574	21.50000	0.0	0.0	-2.9299	0.0	0.0 20.627 *
					53.636	105.46787	68.02557	21.50000	0.0	0.0	-2.6957	0.0	0.0 20.627 *
					55.623	107.32705	68.72541	21.50000	0.0	0.0	-2.5098	0.0	0.0 20.627 *
					57.610	109.18623	69.42525	21.50000	0.0	0.0	-2.3435	0.0	0.0 20.627 *
					59.596	111.04541	70.12508	21.50000	0.0	0.0	-2.1614	0.0	0.0 20.627 *
					61.583	112.90459	70.82492	21.50000	0.0	0.0	-1.9676	0.0	0.0 20.627 *
					63.569	114.76377	71.52475	21.50000	0.0	0.0	-1.7987	0.0	0.0 20.627 *
					65.556	116.62295	72.22459	21.50000	0.0	0.0	-1.6840	0.0	0.0 20.627 *
					67.542	118.48213	72.92443	21.50000	0.0	0.0	-1.6230	0.0	0.0 20.627 *
					69.529	120.34131	73.62426	21.50000	0.0	0.0	-1.5830	0.0	0.0 20.627 *
					71.515	122.20049	74.32410	21.50000	0.0	0.0	-1.5197	0.0	0.0 20.627 *
					73.502	124.05967	75.02393	21.50000	0.0	0.0	-1.4214	0.0	0.0 20.627 *
					75.488	125.91885	75.72377	21.50000	0.0	0.0	-1.3199	0.0	0.0 20.627 *
					77.475	127.77803	76.42361	21.50000	0.0	0.0	-1.2509	0.0	0.0 20.627 *
					79.461	129.63721	77.12344	21.50000	0.0	0.0	-1.2229	0.0	0.0 20.627 *
					81.448	131.49639	77.82328	21.50000	0.0	0.0	-1.2121	0.0	0.0 20.627 *
					83.434	133.35557	78.52311	21.50000	0.0	0.0	-1.1735	0.0	0.0 20.627 *
					85.421	135.21475	79.22295	21.50000	0.0	0.0	-1.0759	0.0	0.0 20.627 *
					87.408	137.07393	79.92279	21.50000	0.0	0.0	-0.93239	0.0	0.0 20.627 *
					89.394	138.93311	80.62262	21.50000	0.0	0.0	-0.77920	0.0	0.0 20.627 *
					91.381	140.79230	81.32246	21.50000	0.0	0.0	-0.64042	0.0	0.0 20.627 *
					93.367	142.65148	82.02230	21.50000	0.0	0.0	-0.52001	0.0	0.0 20.627 *
					95.354	144.51066	82.72213	21.50000	0.0	0.0	-0.41178	0.0	0.0 20.627 *
					97.340	146.36984	83.42197	21.50000	0.0	0.0	-0.30963	0.0	0.0 20.627 *
					99.327	148.22902	84.12180	21.50000	0.0	0.0	-0.21181	0.0	0.0 20.627 *
					101.31	150.08820	84.82164	21.50000	0.0	0.0	-0.11978	0.0	0.0 20.627 *
					103.30	151.94738	85.52148	21.50000	0.0	0.0	-0.03597	0.0	0.0 20.627 *
					105.29	153.80656	86.22131	21.50000	0.0	0.0	0.040768	0.0	0.0 20.627 *
					107.27	155.66574	86.92115	21.50000	0.0	0.0	0.10927	0.0	0.0 20.627 *
					109.26	157.52492	87.62098	21.50000	0.0	0.0	0.17096	0.0	0.0 20.627 *
					111.25	159.38410	88.32082	21.50000	0.0	0.0	0.22637	0.0	0.0 20.627 *
					113.23	161.24328	89.02066	21.50000	0.0	0.0	0.27569	0.0	0.0 20.627 *
					115.22	163.10246	89.72049	21.50000	0.0	0.0	0.31884	0.0	0.0 20.627 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
						20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
3	Canal Side	Studios_3	Canal Side	Studios_3		0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0 d
						1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0 d
						3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0 d
						5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0 d
						7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0 d
						9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0 d
						11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0 d
						13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0 d
						15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0 d
						17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0 d
						19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0 d
						21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0 d
						23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0 d
						25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0 d
						27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0 d
						29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0 d
						31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0 d
						33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0 d
						35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
4	Canal Side	Studios_4	Canal Side	Studios_4		0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
						2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0 d
						4.0000	-10.00000	14.00000	22.00000	0.0017685	60.5695E-6	0.0017685	60.5695E-6 d
						6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.73877	0.027827 d
						8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	1.4692	0.061841 d
						10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	2.1897	0.10522 d
						12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	3.2402	0.18309 d
						14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.2827	0.29736 d
						16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.3100	0.48657 d
						18.000	4.00000	14.00000	22.00000	6.2339	0.86336	6.2339	0.86336 d
						20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491 d
5	Beaumont Court_1		Beaumont Court_1			0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972 d
						2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133 d
						4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.072435	-1.3038 d
						6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.074746	-1.3454 d
						8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.077057	-1.3870 d
						10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.079368	-1.4286 d
						12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.081680	-1.4702 d
						14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.083991	-1.5118 d
						16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.086302	-1.5534 d
						18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.088613	-1.5950 d
6	Beaumont Court_2		Beaumont Court_2			0.0	27.00000	1.00000	20.00000	0.0	1.5975	-1.5909	-0.14463 d
						1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.90626	-0.082388 d
						3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.22159	-0.020144 d
						5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.0	0.0 d
						7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0	0.0 d
						9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0	0.0 d
						11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
7	Beaumont Court_3		Beaumont Court_3			0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
8	Beaumont Court_4		Beaumont Court_4			0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0 d
						3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0 d
						5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0 d
						7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0 d
						9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0	0.0 d
						11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0	0.0 d
						13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0 d
						15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0 d
						17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0 d
						19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0 d
						21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0 d
						23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0	0.0 d
						25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0	0.0 d
						27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0	0.0 d
						29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0	0.0 d
						31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0	0.0 d
						33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0	0.0 d
						35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0	0.0 d
						37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0	0.0 d
						39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0 d
						41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0	0.0 d
						43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0	0.0 d
						45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0	0.0 d
						47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0	0.0 d
						49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0	0.0 d
						51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0 d
						53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0 d
						55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0	0.0 d
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RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	Δr_perp.
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.0	0.0 d
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0 d
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0 d
						11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
	13	TP No.1_3		TP No.1_3		0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0 d
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0 d
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0 d
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0 d
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0 d
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0 d
	14	TP No.1_4		TP No.1_4		14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0 d
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0 d
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0 d
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0 d
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
	15	TP No.1_5		TP No.1_5		0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0 d
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0 d
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0 d
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0 d
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0 d
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0 d
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0 d
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0 d
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0 d
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0 d
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0 d
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0 d
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0 d
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0 d
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0 d
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0 d
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0 d
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0 d
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0 d
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0 d
						41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
	16	TP No.1_6		TP No.1_6		0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
	17	TP No.1_7		TP No.1_7		0.0	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0691	104.12500	-33.12500	20.00000	0.0	0.0	0.0	0.0 d
						4.1382	102.25000	-32.25000	20.00000	0.0	0.0	0.0	0.0 d
						6.2074	100.37500	-31.37500	20.00000	0.0	0.0	0.0	0.0 d
						8.2765	98.50000	-30.50000	20.00000	0.0	0.0	0.0	0.0 d
						10.346	96.62500	-29.62500	20.00000	0.0	0.0	0.0	0.0 d
						12.415	94.75000	-28.75000	20.00000	0.0	0.0	0.0	0.0 d
						14.484	92.87500	-27.87500	20.00000	0.0	0.0	0.0	0.0 d
						16.553	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
	18	TP No.1_8		TP No.1_8		0.0	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0138	91.83333	-25.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.0277	92.66667	-23.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.0415	93.50000	-21.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.0554	94.33333	-19.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.069	95.16667	-17.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.083	96.00000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
	19	TP No.2_1		TP No.2_1		0.0	148.00000	-41.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9906	146.20000	-40.15000	20.00000	0.0	0.0	0.0	0.0 d
						3.9812	144.40000	-39.30000	20.00000	0.0	0.0	0.0	0.0 d
						5.9718	142.60000	-38.45000	20.00000	0.0	0.0	0.0	0.0 d
						7.9624	140.80000	-37.60000	20.00000	0.0	0.0	0.0	0.0 d
						9.9530	139.00000	-36.75000	20.00000	0.0	0.0	0.0	0.0 d
						11.944	137.20000	-35.90000	20.00000	0.0	0.0	0.0	0.0 d
						13.934	135.40000	-35.05000	20.00000	0.0	0.0	0.0	0.0 d
						15.925	133.60000	-34.20000	20.00000	0.0	0.0	0.0	0.0 d
						17.915	131.80000	-33.35000	20.00000	0.0	0.0	0.0	0.0 d
						19.906	130.00000	-32.50000	20.00000	0.0	0.0	0.0	0.0 d
						21.897	128.20000	-31.65000	20.00000	0.0	0.0	0.0	0.0 d
						23.887	126.40000	-30.80000	20.00000	0.0	0.0	0.0	0.0 d
						25.878	124.60000	-29.95000	20.00000	0.0	0.0	0.0	0.0 d
						27.868	122.80000	-29.10000	20.00000	0.0	0.0	0.0	0.0 d
						29.859	121.00000	-28.25000	20.00000	0.0	0.0	0.0	0.0 d
						31.850	119.20000	-27.40000	20.00000	0.0	0.0	0.0	0.0 d
						33.840	117.40000	-26.55000	20.00000	0.0	0.0	0.0	0.0 d
						35.831	115.60000	-25.70000	20.00000	0.0	0.0	0.0	0.0 d
						37.821	113.80000	-24.85000	20.00000	0.0	0.0	0.0	0.0 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	Δr _{perp}
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]
						44.871	159.52000	-35.64000	20.00000	0.0	0.0	0.0	0.0 d
						46.911	157.68000	-34.76000	20.00000	0.0	0.0	0.0	0.0 d
						48.951	155.84000	-33.88000	20.00000	0.0	0.0	0.0	0.0 d
						50.990	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	154.00000	-33.00000	20.00000	0.0	0.0	0.0	0.0 d
						1.9166	153.14286	-34.71429	20.00000	0.0	0.0	0.0	0.0 d
						3.8333	152.28571	-36.42857	20.00000	0.0	0.0	0.0	0.0 d
						5.7499	151.42857	-38.14286	20.00000	0.0	0.0	0.0	0.0 d
						7.6665	150.57143	-39.85714	20.00000	0.0	0.0	0.0	0.0 d
						9.5833	149.71429	-41.57143	20.00000	0.0	0.0	0.0	0.0 d
						11.500	148.85714	-43.28571	20.00000	0.0	0.0	0.0	0.0 d
						13.416	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	148.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0227	149.84000	-45.84000	20.00000	0.0	0.0	0.0	0.0 d
						4.0453	151.68000	-46.68000	20.00000	0.0	0.0	0.0	0.0 d
						6.0680	153.52000	-47.52000	20.00000	0.0	0.0	0.0	0.0 d
						8.0907	155.36000	-48.36000	20.00000	0.0	0.0	0.0	0.0 d
						10.113	157.20000	-49.20000	20.00000	0.0	0.0	0.0	0.0 d
						12.136	159.04000	-50.04000	20.00000	0.0	0.0	0.0	0.0 d
						14.159	160.88000	-50.88000	20.00000	0.0	0.0	0.0	0.0 d
						16.181	162.72000	-51.72000	20.00000	0.0	0.0	0.0	0.0 d
						18.204	164.56000	-52.56000	20.00000	0.0	0.0	0.0	0.0 d
						20.227	166.40000	-53.40000	20.00000	0.0	0.0	0.0	0.0 d
						22.249	168.24000	-54.24000	20.00000	0.0	0.0	0.0	0.0 d
						24.272	170.08000	-55.08000	20.00000	0.0	0.0	0.0	0.0 d
						26.295	171.92000	-55.92000	20.00000	0.0	0.0	0.0	0.0 d
						28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0 d
						30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0 d
						32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0 d
						34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0 d
						36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0 d
						38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0 d
						40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0 d
						42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0 d
						44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0 d
						46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0 d
						48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0 d
						50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	195.84000	-66.84000	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	196.68000	-67.68000	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	197.52000	-68.52000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	198.36000	-69.36000	20.00000	0.0	0.0	0.0	0.0 d
						10.442	199.20000	-70.20000	20.00000	0.0	0.0	0.0	0.0 d
						12.530	200.04000	-71.04000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	199.00000	-70.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	189.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	189.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	189.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	189.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	189.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	189.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						1.9474	190.94737	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						3.8947	192.89474	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						5.8421	194.84211	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						7.7895	196.78947	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						9.7368	198.73684	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						11.684	200.68421	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						13.632	202.63158	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						15.579	204.57895	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						17.526	206.52632	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	226.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0 d
						16.000	226.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0 d
						18.000	226.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0 d
						20.000	226.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0 d
						22.000	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	224.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	222.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	220.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	218.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	216.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	214.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	212.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	212.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	212.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	212.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	212.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	212.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	212.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						0.0	212.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						1.9167	210.08333	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						3.8333	208.16667	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						5.7500	206.25000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						7.6667	204.33333	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						9.5833	202.41667	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						11.500	200.50000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						13.417	198.58333	-19.00000	19.00000	0.0	0.0	0.0	0.0



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Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						26.0000	215.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	217.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	219.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	221.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						34.0000	223.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						36.0000	225.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
		35	Hospital No.2_3	Hospital No.2_3		0.0	225.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	225.000000	7.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	225.000000	9.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	225.000000	11.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	225.000000	13.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	225.000000	15.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	225.000000	17.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	225.000000	19.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	225.000000	21.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	225.000000	23.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	225.000000	25.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	225.000000	27.000000	19.000000	0.0	0.0	0.0	0.0
						24.0000	225.000000	29.000000	19.000000	0.0	0.0	0.0	0.0
						26.0000	225.000000	31.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	225.000000	33.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	225.000000	35.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	225.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
		36	Hospital No.2_4	Hospital No.2_4		0.0	225.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	223.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	221.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	219.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	217.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	215.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	213.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	211.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	209.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	207.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	205.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	203.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						24.0000	201.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						26.0000	199.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	197.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	195.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	193.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						34.0000	191.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						36.0000	189.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
		37	Hospital No.3_1	Hospital No.3_1		0.0	189.000000	37.000000	19.000000	0.0	0.0	0.0	0.0
						1.9375	189.000000	75.06250	19.000000	0.0	0.0	0.0	0.0
						3.8750	189.000000	73.12500	19.000000	0.0	0.0	0.0	0.0
						5.8125	189.000000	71.18750	19.000000	0.0	0.0	0.0	0.0
						7.7500	189.000000	69.25000	19.000000	0.0	0.0	0.0	0.0
						9.6875	189.000000	67.31250	19.000000	0.0	0.0	0.0	0.0
						11.6250	189.000000	65.37500	19.000000	0.0	0.0	0.0	0.0
						13.563	189.000000	63.43750	19.000000	0.0	0.0	0.0	0.0
						15.5000	189.000000	61.50000	19.000000	0.0	0.0	0.0	0.0
						17.438	189.000000	59.56250	19.000000	0.0	0.0	0.0	0.0
						19.375	189.000000	57.62500	19.000000	0.0	0.0	0.0	0.0
						21.313	189.000000	55.68750	19.000000	0.0	0.0	0.0	0.0
						23.250	189.000000	53.75000	19.000000	0.0	0.0	0.0	0.0
						25.188	189.000000	51.81250	19.000000	0.0	0.0	0.0	0.0
						27.125	189.000000	49.87500	19.000000	0.0	0.0	0.0	0.0
						29.063	189.000000	47.93750	19.000000	0.0	0.0	0.0	0.0
						31.000	189.000000	46.00000	19.000000	0.0	0.0	0.0	0.0
		38	Hospital No.3_2	Hospital No.3_2		0.0	189.000000	46.00000	19.000000	0.0	0.0	0.0	0.0
						1.8000	190.800000	46.00000	19.000000	0.0	0.0	0.0	0.0
						3.6000	192.600000	46.00000	19.000000	0.0	0.0	0.0	0.0
						5.4000	194.400000	46.00000	19.000000	0.0	0.0	0.0	0.0
						7.2000	196.200000	46.00000	19.000000	0.0	0.0	0.0	0.0
						9.0000	198.000000	46.00000	19.000000	0.0	0.0	0.0	0.0
		39	Hospital No.3_3	Hospital No.3_3		0.0	198.000000	46.00000	19.000000	0.0	0.0	0.0	0.0
						1.8000	198.000000	47.80000	19.000000	0.0	0.0	0.0	0.0
						3.6000	198.000000	49.60000	19.000000	0.0	0.0	0.0	0.0
						5.4000	198.000000	51.40000	19.000000	0.0	0.0	0.0	0.0
						7.2000	198.000000	53.20000	19.000000	0.0	0.0	0.0	0.0
						9.0000	198.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
		40	Hospital No.3_4	Hospital No.3_4		0.0	198.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						2.0000	200.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						4.0000	202.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						6.0000	204.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						8.0000	206.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						10.0000	208.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						12.0000	210.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						14.0000	212.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						16.0000	214.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						18.0000	216.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						20.0000	218.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						22.0000	220.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						24.0000	222.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
		41	Hospital No.3_5	Hospital No.3_5		0.0	222.000000	55.00000	19.000000	0.0	0.0	0.0	0.0
						1.8000	222.000000	53.20000	19.000000	0.0	0.0	0.0	0.0
						3.6000	222.000000	51.40000	19.000000	0.0	0.0	0.0	0.0
						5.4000	222.000000	49.60000	19.000000	0.0	0.0	0.0	0.0
						7.2000	222.000000	47.80000	19.000000	0.0	0.0	0.0	0.0
						9.0000	222.000000	46.00000	19.000000	0.0	0.0	0.0	0.0
		42	Hospital No.3_6	Hospital No.3_6		0.0	222.000000	46.00000	1				



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PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Ref.			[m]	[m]	[m]	[m]	[mm]	
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000 22.00000 15.011 d
						1.9444	6.00000	15.94444 22.00000 17.190 d
						3.8889	6.00000	17.88889 22.00000 17.926 d
						5.8333	6.00000	19.83333 22.00000 18.583 d
						7.7778	6.00000	21.77778 22.00000 19.610 d
						9.7222	6.00000	23.72222 22.00000 21.291 d
						11.667	6.00000	25.66667 22.00000 23.002 d
						13.611	6.00000	27.61111 22.00000 23.852 d
						15.556	6.00000	29.55556 22.00000 23.998 d
						17.500	6.00000	31.50000 22.00000 23.589 d
						19.444	6.00000	33.44444 22.00000 22.562 d
						21.389	6.00000	35.38889 22.00000 21.419 d
						23.333	6.00000	37.33333 22.00000 20.552 d
						25.278	6.00000	39.27778 22.00000 20.155 d
						27.222	6.00000	41.22222 22.00000 20.146 d
						29.167	6.00000	43.16667 22.00000 20.531 d
						31.111	6.00000	45.11111 22.00000 21.358 d
						33.056	6.00000	47.05556 22.00000 20.914 d
						35.000	6.00000	49.00000 22.00000 14.433 d
2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	14.433 d
					2.0000	4.00000	49.00000 22.00000	10.554 d
					4.0000	2.00000	49.00000 22.00000	7.2311 d
					6.0000	0.00000	49.00000 22.00000	4.8506 d
					8.0000	-2.00000	49.00000 22.00000	2.9965 d
					10.000	-4.00000	49.00000 22.00000	1.5574 d
					12.000	-6.00000	49.00000 22.00000	0.50714 d
					14.000	-8.00000	49.00000 22.00000	-0.23129 d
					16.000	-10.00000	49.00000 22.00000	-0.61477 d
					18.000	-12.00000	49.00000 22.00000	-0.71317 d
					20.000	-14.00000	49.00000 22.00000	-0.74319 d
3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000	-0.74319 d
					1.9444	-14.00000	47.05556 22.00000	-0.74855 d
					3.8889	-14.00000	45.11111 22.00000	-0.75343 d
					5.8333	-14.00000	43.16667 22.00000	-0.75795 d
					7.7778	-14.00000	41.22222 22.00000	-0.76213 d
					9.7222	-14.00000	39.27778 22.00000	-0.76584 d
					11.667	-14.00000	37.33333 22.00000	-0.76893 d
					13.611	-14.00000	35.38889 22.00000	-0.77130 d
					15.556	-14.00000	33.44444 22.00000	-0.77289 d
					17.500	-14.00000	31.50000 22.00000	-0.77375 d
					19.444	-14.00000	29.55556 22.00000	-0.77397 d
					21.389	-14.00000	27.61111 22.00000	-0.77367 d
					23.333	-14.00000	25.66667 22.00000	-0.77295 d
					25.278	-14.00000	23.72222 22.00000	-0.77189 d
					27.222	-14.00000	21.77778 22.00000	-0.77050 d
					29.167	-14.00000	19.83333 22.00000	-0.76873 d
					31.111	-14.00000	17.88889 22.00000	-0.76648 d
					33.056	-14.00000	15.94444 22.00000	-0.76356 d
					35.000	-14.00000	14.00000 22.00000	-0.75969 d
4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	-0.75969 d
					2.0000	-12.00000	14.00000 22.00000	-0.73249 d
					4.0000	-10.00000	14.00000 22.00000	-0.66981 d
					6.0000	-8.00000	14.00000 22.00000	-0.47071 d
					8.0000	-6.00000	14.00000 22.00000	0.23217 d
					10.000	-4.00000	14.00000 22.00000	1.2296 d
					12.000	-2.00000	14.00000 22.00000	2.6181 d
					14.000	0.00000	14.00000 22.00000	4.4176 d
					16.000	2.00000	14.00000 22.00000	6.6167 d
					18.000	4.00000	14.00000 22.00000	9.3400 d
					20.000	6.00000	14.00000 22.00000	15.011 d
5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	-0.0017964 d
					2.0031	43.00000	0.11111 20.00000	0.15055 d
					4.0062	41.00000	0.22222 20.00000	0.39197 d
					6.0093	39.00000	0.33333 20.00000	0.48392 d
					8.0123	37.00000	0.44444 20.00000	0.56952 d
					10.015	35.00000	0.55556 20.00000	0.64790 d
					12.019	33.00000	0.66667 20.00000	0.71933 d
					14.022	31.00000	0.77778 20.00000	0.78470 d
					16.025	29.00000	0.88889 20.00000	0.84502 d
					18.028	27.00000	1.00000 20.00000	0.90109 d
6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	0.90109 d
					1.8409	26.83333	-0.83333 20.00000	0.075873 d
					3.6818	26.66667	-2.66667 20.00000	-0.259340 d
					5.5227	26.50000	-4.50000 20.00000	-0.47084 d
					7.3636	26.33333	-6.33333 20.00000	-0.55460 d
					9.2045	26.16667	-8.16667 20.00000	-0.60151 d
					11.045	26.00000	-10.00000 20.00000	-0.62218 d
7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	-0.62218 d
					1.7500	27.75000	-10.00000 20.00000	-0.61137 d
					3.5000	29.50000	-10.00000 20.00000	-0.59945 d
					5.2500	31.25000	-10.00000 20.00000	-0.58646 d
					7.0000	33.00000	-10.00000 20.00000	-0.57247 d
8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	-0.57247 d
					1.9749	32.84375	-11.96875 20.00000	-0.57179 d
					3.9499	32.68750	-13.93750 20.00000	-0.55791 d
					5.9248	32.53125	-15.90625 20.00000	-0.53537 d
					7.8998	32.37500	-17.87500 20.00000	-0.50740 d
					9.8747	32.21875	-19.84375 20.00000	-0.47631 d
					11.850	32.06250	-21.81250 20.00000	-0.44374 d
					13.825	31.90625	-23.78125 20.00000	-0.41085 d
					15.800	31.75000	-25.75000 20.00000	-0.37845 d
					17.774	31.59375	-27.71875 20.00000	-0.34709 d
					19.749	31.43750	-29.68750 20.00000	-0.31711 d
					21.724	31.28125	-31.65625 20.00000	-0.28874 d
					23.699	31.12500	-33.62500 20.00000	-0.26210 d
					25.674	30.96875	-35.59375 20.00000	-0.23723 d
					27.649	30.81250	-37.56250 20.00000	-0.21412 d
					29.624	30.65625	-39.53125 20.00000	-0.19274 d
					31.599	30.50000	-41.50000 20.00000	-0.17301 d
					33.574	30.34375	-43.46875 20.00000	-0.15487 d
					35.549	30.18750	-45.43750 20.00000	-0.13822 d
					37.524	30.03125	-47.40625 20.00000	-0.12296 d
					39.499	29.87500	-49.37500 20.00000	-0.10901 d
					41.474	29.71875	-51.34375 20.00000	-0.096267 d
					43.449	29.56250	-53.31250 20.00000	-0.084644 d
					45.424	29.40625	-55.28125 20.00000	-0.074055 d
					47.399	29.25000	-57.25000 20.00000	-0.064416 d
					49.374	29.09375	-59.21875 20.00000	-0.055651 d
					51.348	28.93750	-61.18750 20.00000	-0.047688 d
					53.323	28.78125	-63.15625 20.00000	-0.040459 d
					55.298	28.62500	-65.12500 20.00000	-0.033901 d
					57.273	28.46875	-67.09375 20.00000	-0.027958 d
					59.248	28.31250	-69.06250 20.00000	-0.022576 d
					61.223	28.15625	-71.03125 20.00000	-0.017707 d
					63.198	28.00000	-73.00000 20.00000	-0.013305 d
9	Beaumont Court_5	Beaumont Court_5	0.0	0.0	28.00000	-73.00000	20.00000	-0.013305 d
					2.0069	30.00000	-73.16667 20.00000	-0.0083404 d
					4.0139	32.00000	-73.33333 20.00000	-0.0031693 d
					6.0208	34.00000	-73.50000 20.00000	0.0021991 d
					8.0277	36.00000	-73.66667 20.00000	0.0077544 d
					10.035	38.00000	-73.83333 20.00000	0.013485 d
					12.042	40.00000	-74.00000 20.00000	0.019380 d
10	Beaumont Court_6	Beaumont Court_6	0.0	0.0	40.00000	-74.00000	20.00000	0.019380 d
					2.0046	40.13514	-72.00000 20.00000	0.016838 d
					4.0091	40.27027	-70.00000 20.00000	0.013945 d
					6.0137	40.40541	-68.00000 20.00000	0.010664 d
					8.0182	40.54054	-66.00000 20.00000	0.0069533 d
					10.023	40.67568	-64.00000 20.00000	0.0027694 d
					12.027	40.81081	-62.00000 20.00000	-0.0019370 d
					14.032	40.94595	-60.00000 20.00000	-0.0072191 d
					16.036	41.08108	-58.00000 20.00000	-0.013135 d
					18.041	41.21622	-56.00000 20.00000	-0.019747 d
					20.046	41.35135	-54.00000 20.00000	-0.027123 d
					22.050	41.48649	-52.00000 20.00000	-0.035336 d
					24.055	41.62162	-50.00000 20.00000	-0.044464 d
					26.059	41.75676	-48.00000 20.00000	-0.054589 d
					28.064	41.89189	-46.00000 20.00000	-0.065799 d
					30.068	42.02703	-44.00000 20.00000	-0.078184 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO



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Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dx
						[m]	[m]	[m]	[mm]	
						35.831	139.40000	-48.30000	20.00000	0.49355 d
						37.821	141.20000	-49.15000	20.00000	0.48583 d
						39.812	143.00000	-50.00000	20.00000	0.34903 d
22		TP No.2_4		TP No.2_4	0.0	0.0	143.00000	-50.00000	20.00000	0.34903 d
						2.0591	144.00000	-48.20000	20.00000	0.49163 d
						4.1183	145.00000	-46.40000	20.00000	0.50436 d
						6.1774	146.00000	-44.60000	20.00000	0.51545 d
						8.2365	147.00000	-42.80000	20.00000	0.52434 d
						10.296	148.00000	-41.00000	20.00000	0.53039 d
23		TP No.3_1		TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	0.28172 d
						2.0396	198.16000	-54.12000	20.00000	0.29295 d
						4.0792	196.32000	-53.24000	20.00000	0.30453 d
						6.1188	194.48000	-52.36000	20.00000	0.31646 d
						8.1584	192.64000	-51.48000	20.00000	0.32870 d
						10.198	190.80000	-50.60000	20.00000	0.34123 d
						12.238	188.96000	-49.72000	20.00000	0.35400 d
						14.277	187.12000	-48.84000	20.00000	0.36697 d
						16.317	185.28000	-47.96000	20.00000	0.38006 d
						18.356	183.44000	-47.08000	20.00000	0.39321 d
						20.396	181.60000	-46.20000	20.00000	0.40632 d
						22.436	179.76000	-45.32000	20.00000	0.41929 d
						24.475	177.92000	-44.44000	20.00000	0.43200 d
						26.515	176.08000	-43.56000	20.00000	0.44430 d
						28.555	174.24000	-42.68000	20.00000	0.45606 d
						30.594	172.40000	-41.80000	20.00000	0.46710 d
						32.634	170.56000	-40.92000	20.00000	0.47723 d
						34.673	168.72000	-40.04000	20.00000	0.48627 d
						36.713	166.88000	-39.16000	20.00000	0.49401 d
						38.753	165.04000	-38.28000	20.00000	0.50025 d
						40.792	163.20000	-37.40000	20.00000	0.50477 d
						42.832	161.36000	-36.52000	20.00000	0.50737 d
						44.871	159.52000	-35.64000	20.00000	0.50785 d
						46.911	157.68000	-34.76000	20.00000	0.50605 d
						48.951	155.84000	-33.88000	20.00000	0.50180 d
						50.990	154.00000	-33.00000	20.00000	0.49496 d
24		TP No.3_2		TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	0.49496 d
						1.9166	153.14286	-34.71429	20.00000	0.51294 d
						3.8333	152.28571	-36.42857	20.00000	0.52370 d
						5.7499	151.42857	-38.14286	20.00000	0.52863 d
						7.6665	150.57143	-39.85714	20.00000	0.52888 d
						9.5831	149.71429	-41.57143	20.00000	0.52538 d
						11.500	148.85714	-43.28571	20.00000	0.51892 d
						13.416	148.00000	-45.00000	20.00000	0.51011 d
25		TP No.3_3		TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	0.51011 d
						2.0227	149.84000	-45.84000	20.00000	0.50167 d
						4.0453	151.68000	-46.68000	20.00000	0.49268 d
						6.0680	153.52000	-47.52000	20.00000	0.48319 d
						8.0907	155.36000	-48.36000	20.00000	0.47326 d
						10.113	157.20000	-49.20000	20.00000	0.46295 d
						12.136	159.04000	-50.04000	20.00000	0.45230 d
						14.159	160.88000	-50.88000	20.00000	0.44137 d
						16.181	162.72000	-51.72000	20.00000	0.43022 d
						18.204	164.56000	-52.56000	20.00000	0.41890 d
						20.227	166.40000	-53.40000	20.00000	0.40747 d
						22.249	168.24000	-54.24000	20.00000	0.39596 d
						24.272	170.08000	-55.08000	20.00000	0.38444 d
						26.295	171.92000	-55.92000	20.00000	0.37293 d
						28.317	173.76000	-56.76000	20.00000	0.36149 d
						30.340	175.60000	-57.60000	20.00000	0.35016 d
						32.363	177.44000	-58.44000	20.00000	0.33895 d
						34.385	179.28000	-59.28000	20.00000	0.32791 d
						36.408	181.12000	-60.12000	20.00000	0.31706 d
						38.431	182.96000	-60.96000	20.00000	0.30643 d
						40.453	184.80000	-61.80000	20.00000	0.29602 d
						42.476	186.64000	-62.64000	20.00000	0.28587 d
						44.499	188.48000	-63.48000	20.00000	0.27597 d
						46.521	190.32000	-64.32000	20.00000	0.26635 d
						48.544	192.16000	-65.16000	20.00000	0.25700 d
						50.567	194.00000	-66.00000	20.00000	0.24793 d
26		TP No.3_4		TP No.3_4	0.0	0.0	194.00000	-66.00000	20.00000	0.24793 d
						2.0883	195.00000	-64.16667	20.00000	0.25372 d
						4.1767	196.00000	-62.33333	20.00000	0.25948 d
						6.2650	197.00000	-60.50000	20.00000	0.26517 d
						8.3533	198.00000	-58.66667	20.00000	0.27079 d
						10.442	199.00000	-56.83333	20.00000	0.27631 d
						12.530	200.00000	-55.00000	20.00000	0.28172 d
27		Hospital No.1_1		Hospital No.1_1	0.0	0.0	189.00000	-19.00000	19.00000	0.44855 d
						2.0000	189.00000	-21.00000	19.00000	0.45765 d
						4.0000	189.00000	-23.00000	19.00000	0.46302 d
						6.0000	189.00000	-25.00000	19.00000	0.46502 d
						8.0000	189.00000	-27.00000	19.00000	0.46406 d
						10.000	189.00000	-29.00000	19.00000	0.46057 d
						12.000	189.00000	-31.00000	19.00000	0.45495 d
28		Hospital No.1_2		Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	0.45495 d
						1.9474	190.94737	-31.00000	19.00000	0.44818 d
						3.8947	192.89474	-31.00000	19.00000	0.44055 d
						5.8421	194.84211	-31.00000	19.00000	0.43215 d
						7.7895	196.78947	-31.00000	19.00000	0.42309 d
						9.7368	198.73684	-31.00000	19.00000	0.41349 d
						11.684	200.68421	-31.00000	19.00000	0.40344 d
						13.632	202.63158	-31.00000	19.00000	0.39305 d
						15.579	204.57895	-31.00000	19.00000	0.38241 d
						17.526	206.52632	-31.00000	19.00000	0.37161 d
						19.474	208.47368	-31.00000	19.00000	0.36073 d
						21.421	210.42105	-31.00000	19.00000	0.34984 d
						23.368	212.36842	-31.00000	19.00000	0.33899 d
						25.316	214.31579	-31.00000	19.00000	0.32825 d
						27.263	216.26316	-31.00000	19.00000	0.31764 d
						29.211	218.21053	-31.00000	19.00000	0.30721 d
						31.158	220.15789	-31.00000	19.00000	0.29699 d
						33.105	222.10526	-31.00000	19.00000	0.28700 d
						35.053	224.05263	-31.00000	19.00000	0.27726 d
						37.000	226.00000	-31.00000	19.00000	0.26777 d
29										



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dx	
					[m]	[m]	[m]	[m]	[mm]		
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	0.44855	d
						0.0	189.00000	37.00000	19.00000	0.30349	d
						2.0000	189.00000	35.00000	19.00000	0.30419	d
						4.0000	189.00000	33.00000	19.00000	0.30444	d
						6.0000	189.00000	31.00000	19.00000	0.30430	d
						8.0000	189.00000	29.00000	19.00000	0.30357	d
						10.000	189.00000	27.00000	19.00000	0.30195	d
						12.000	189.00000	25.00000	19.00000	0.29931	d
						14.000	189.00000	23.00000	19.00000	0.29576	d
						16.000	189.00000	21.00000	19.00000	0.29155	d
						18.000	189.00000	19.00000	19.00000	0.28685	d
						20.000	189.00000	17.00000	19.00000	0.28165	d
						22.000	189.00000	15.00000	19.00000	0.27594	d
						24.000	189.00000	13.00000	19.00000	0.26993	d
						26.000	189.00000	11.00000	19.00000	0.26412	d
						28.000	189.00000	9.00000	19.00000	0.25916	d
						30.000	189.00000	7.00000	19.00000	0.25564	d
34	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	32.000	189.00000	5.00000	19.00000	0.25408	d
						0.0	189.00000	5.00000	19.00000	0.25408	d
						2.0000	191.00000	5.00000	19.00000	0.35274	d
						4.0000	193.00000	5.00000	19.00000	0.42135	d
						6.0000	195.00000	5.00000	19.00000	0.46768	d
						8.0000	197.00000	5.00000	19.00000	0.49741	d
						10.000	199.00000	5.00000	19.00000	0.51468	d
						12.000	201.00000	5.00000	19.00000	0.52262	d
						14.000	203.00000	5.00000	19.00000	0.52357	d
						16.000	205.00000	5.00000	19.00000	0.51931	d
						18.000	207.00000	5.00000	19.00000	0.51120	d
						20.000	209.00000	5.00000	19.00000	0.50029	d
						22.000	211.00000	5.00000	19.00000	0.48740	d
						24.000	213.00000	5.00000	19.00000	0.47313	d
						26.000	215.00000	5.00000	19.00000	0.45797	d
						28.000	217.00000	5.00000	19.00000	0.44230	d
						30.000	219.00000	5.00000	19.00000	0.42639	d
35	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	32.000	221.00000	5.00000	19.00000	0.41046	d
						34.000	223.00000	5.00000	19.00000	0.39469	d
						36.000	225.00000	5.00000	19.00000	0.37918	d
						0.0	225.00000	5.00000	19.00000	0.37918	d
						2.0000	225.00000	7.00000	19.00000	0.38347	d
						4.0000	225.00000	9.00000	19.00000	0.38750	d
						6.0000	225.00000	11.00000	19.00000	0.39124	d
						8.0000	225.00000	13.00000	19.00000	0.39469	d
						10.000	225.00000	15.00000	19.00000	0.39783	d
						12.000	225.00000	17.00000	19.00000	0.40064	d
						14.000	225.00000	19.00000	19.00000	0.40312	d
						16.000	225.00000	21.00000	19.00000	0.40527	d
						18.000	225.00000	23.00000	19.00000	0.40706	d
						20.000	225.00000	25.00000	19.00000	0.40849	d
						22.000	225.00000	27.00000	19.00000	0.40957	d
						24.000	225.00000	29.00000	19.00000	0.41027	d
						36	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0
28.000	225.00000	33.00000	19.00000	0.41058	d						
30.000	225.00000	35.00000	19.00000	0.41018	d						
32.000	225.00000	37.00000	19.00000	0.40941	d						
0.0	225.00000	37.00000	19.00000	0.40941	d						
2.0000	223.00000	37.00000	19.00000	0.42671	d						
4.0000	221.00000	37.00000	19.00000	0.44433	d						
6.0000	219.00000	37.00000	19.00000	0.46213	d						
8.0000	217.00000	37.00000	19.00000	0.47994	d						
10.000	215.00000	37.00000	19.00000	0.49750	d						
12.000	213.00000	37.00000	19.00000	0.51451	d						
14.000	211.00000	37.00000	19.00000	0.53056	d						
16.000	209.00000	37.00000	19.00000	0.54513	d						
18.000	207.00000	37.00000	19.00000	0.55755	d						
20.000	205.00000	37.00000	19.00000	0.56697	d						
22.000	203.00000	37.00000	19.00000	0.57228	d						
37	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	0.0						
						26.000	199.00000	37.00000	19.00000	0.56455	d
						28.000	197.00000	37.00000	19.00000	0.54735	d
						30.000	195.00000	37.00000	19.00000	0.51741	d
						32.000	193.00000	37.00000	19.00000	0.47070	d
						34.000	191.00000	37.00000	19.00000	0.40183	d
						36.000	189.00000	37.00000	19.00000	0.30349	d
						0.0	189.00000	77.00000	19.00000	0.37318	d
						1.9375	189.00000	75.06250	19.00000	0.34989	d
						3.8750	189.00000	73.12500	19.00000	0.32690	d
						5.8125	189.00000	71.18750	19.00000	0.30599	d
						7.7500	189.00000	69.25000	19.00000	0.28863	d
						9.6875	189.00000	67.31250	19.00000	0.27558	d
						11.6250	189.00000	65.37500	19.00000	0.26684	d
						13.5625	189.00000	63.43750	19.00000	0.26183	d
						15.5000	189.00000	61.50000	19.00000	0.25984	d
						38	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	0.0
19.375	189.00000	57.62500	19.00000	0.26279	d						
21.313	189.00000	55.68750	19.00000	0.26685	d						
23.250	189.00000	53.75000	19.00000	0.27189	d						
25.188	189.00000	51.81250	19.00000	0.27722	d						
27.125	189.00000	49.87500	19.00000	0.28231	d						
29.063	189.00000	47.93750	19.00000	0.28694	d						
31.000	189.00000	46.00000	19.00000	0.29112	d						
0.0	189.00000	46.00000	19.00000	0.29112	d						
1.8000	190.80000	46.00000	19.00000	0.38047	d						
3.6000	192.60000	46.00000	19.00000	0.44547	d						
5.4000	194.40000	46.00000	19.00000	0.49168	d						
7.2000	196.20000	46.00000	19.00000	0.52232	d						
9.0000	198.00000	46.00000	19.00000	0.54357	d						
0.0	198.00000	46.00000	19.00000	0.54357	d						
1.8000	198.00000	47.80000	19.00000	0.53942	d						
40	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	0.0						
						5.4000	198.00000	51.40000	19.00000	0.53800	d
						7.2000	198.00000	53.20000	19.00000	0.52501	d
						9.0000	198.00000	55.00000	19.00000	0.51979	d
						0.0	198.00000	55.00000	19.00000	0.51979	d
						2.0000	200.00000	55.00000	19.00000	0.53201	d
						4.0000	202.00000	55.00000	19.00000	0.53609	d
						6.0000	204.00000	55.00000	19.00000	0.53405	d
						8.0000	206.00000	55.00000	19.00000	0.52746	d
						10.000	208.00000	55.00000	19.00000	0.51751	d
						12.000	210.00000	55.00000	19.00000	0.50514	d
						14.000	212.00000	55.00000	19.00000	0.49107	d
						16.000	214.00000	55.00000	19.00000	0.47586	d
						18.000	216.00000	55.00000	19.00000	0.45994	d
						20.000	218.00000	55.00000	19.00000	0.44365	d
						22.000	220.00000	55.00000	19.00000	0.42724	d
						41	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	0.0
0.0	222.00000	55.00000	19.00000	0.41090	d						
1.8000	222.00000	53.20000	19.00000	0.41462	d						
3.6000	222.00000	51.40000	19.00000	0.41809	d						
5.4000	222.00000	49.60000	19.00000	0.42129	d						
7.2000	222.00000	47.80000	19.00000	0.42421	d						
9.0000	222.00000	46.00000	19.00000	0.42685	d						
0.0	222.00000	46.00000	19.00000	0.42685	d						
2.0000	224.00000	46.00000	19.00000	0.40986	d						
4.0000	226.00000	46.00000	19.00000	0.39323	d						
6.0000	228.00000	46.00000	19.00000	0.37703	d						
8.0000	230.00000	46.00000	19.00000	0.36134	d						
0.0	230.00000	46.00000	19.00000	0.36134	d						
1.9375	230.00000	47.93750	19.00000	0.35909	d						
3.8750	230.00000	49.87500	19.00000	0.35658	d						
5.8125	230.00000	51.81250	19.00000	0.35381	d						
42	Hospital No.3_6	Hospital No.3_6	Hospital No.3_6	Hospital No.3_6	0.0						
						9.6875	230.00000	55.68750	19.00000	0.34754	d
						11.6250	230.00000	57.62500	19.00000	0.34406	d
						13.5625	230.00000	59.56250	19.00000	0.34036	d
						15.5000	230.00000	61.50000	19.00000	0.33646	d
						17.438	230.00000	63.43750	19.00000	0.33236	d
						19.375	230.00000	65.37500	19.00000	0.32808	d
						21.313	230.00000	67.31250	19.00000	0.32363	d
						23.250	230.00000	69.25000	19.00000	0.31902	d
						25.188	230.00000	71.18750	19.00000	0.31426	d
						27.125	230.00000	73.12500	19.00000	0.30937	d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dx
					[m]	[m]	[m]	[m]	[m]	
					0.0	29.063	230.00000	75.06250	19.00000	0.30436 d
						31.000	230.00000	77.00000	19.00000	0.29923 d
44		Hospital No.3_8	Hospital No.3_8	Hospital No.3_8	0.0	0.0	230.00000	77.00000	19.00000	0.29923 d
						1.9524	228.04762	77.00000	19.00000	0.31092 d
						3.9048	226.09524	77.00000	19.00000	0.32297 d
						5.8571	224.14286	77.00000	19.00000	0.33536 d
						7.8095	222.19048	77.00000	19.00000	0.34803 d
						9.7619	220.23810	77.00000	19.00000	0.36095 d
						11.714	218.28571	77.00000	19.00000	0.37404 d
						13.667	216.33333	77.00000	19.00000	0.38720 d
						15.619	214.38095	77.00000	19.00000	0.40031 d
						17.571	212.42857	77.00000	19.00000	0.41321 d
						19.524	210.47619	77.00000	19.00000	0.42570 d
						21.476	208.52381	77.00000	19.00000	0.43752 d
						23.429	206.57143	77.00000	19.00000	0.44834 d
						25.381	204.61905	77.00000	19.00000	0.45775 d
						27.333	202.66667	77.00000	19.00000	0.46520 d
						29.286	200.71429	77.00000	19.00000	0.47002 d
						31.238	198.76190	77.00000	19.00000	0.47135 d
						33.190	196.80952	77.00000	19.00000	0.46808 d
						35.143	194.85714	77.00000	19.00000	0.45878 d
						37.095	192.90476	77.00000	19.00000	0.44160 d
						39.048	190.95238	77.00000	19.00000	0.41412 d
						41.000	189.00000	77.00000	19.00000	0.37318 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Min Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient
Radius of Curvature						from Line for Vertical Movement Calculations [m]					Ratio	Horizontal Strain	Tensile Strain	of Horizontal Displacement	of Vertical Displacement Curve
[m]								[m]	[m]		[%]	[%]	[%]		
0	Base Model 1		Canal Side Studios_1	Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	4.8300	None	0.018141	-0.036610	0.013389	910.83E-6	-0.0011216
2114.7 0 (Negligible)							2	4.8300	4.7379	None	0.0093812	40.795E-6	0.0090369	-408.68E-9	-864.65E-6
8887.3 0 (Negligible)							3	9.5679	10.631	Sagging	0.021899	41.147E-6	0.024888	-413.94E-9	-879.59E-6
5369.8 0 (Negligible)							4	20.199	8.9689	Hogging	0.011870	41.583E-6	0.011476	-418.29E-9	587.82E-6
9223.5 0 (Negligible)							5	29.168	5.8319	Sagging	0.076350	-0.098179	0.053748	0.0016176	0.0033375
521.50 1 (Very Slight)			Canal Side Studios_2	Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	20.000	Hogging	0.026818	0.011004	0.040189	818.08E-6	0.0019415
5404.7 0 (Negligible)			Canal Side Studios_3	Canal Side Studios_3	Canal Side Studios_3	0.0	1	0.0	35.000	None	63.907E-6	0.0	90.158E-6	0.0	2.7567E-6
3.7462E+6 0 (Negligible)			Canal Side Studios_4	Canal Side Studios_4	Canal Side Studios_4	0.0	1	0.0	20.000	Hogging	0.030374	0.032635	0.065690	-524.96E-6	-0.0028352
1125.7 1 (Very Slight)			Beaumont Court_1	Beaumont Court_1	Beaumont Court_1	0.0	1	2.0031	0.70624	None	0.0	0.0030023	0.0030023	-30.022E-6	-120.52E-6
136310. 0 (Negligible)							2	2.7093	15.318	None	684.36E-6	359.79E-6	0.0010356	-30.022E-6	-120.52E-6
75007. 0 (Negligible)			Beaumont Court_2	Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	11.045	None	0.0062150	0.014404	0.019100	-371.79E-6	448.10E-6
6497.3 0 (Negligible)			Beaumont Court_3	Beaumont Court_3	Beaumont Court_3	0.0	1	0.0	7.0000	None	30.165E-6	0.0	29.361E-6	0.0	-7.9953E-6
2.7480E+6 0 (Negligible)			Beaumont Court_4	Beaumont Court_4	Beaumont Court_4	0.0	1	0.0	12.817	None	234.62E-6	0.0	214.18E-6	0.0	-16.652E-6
272390. 0 (Negligible)							2	12.817	26.682	None	138.11E-6	0.0	190.94E-6	0.0	-16.652E-6
2.2190E+6 0 (Negligible)			Beaumont Court_5	Beaumont Court_5	Beaumont Court_5	0.0	All vertical displacements are less than the limit sensitivity.								
2.4078E+6 0 (Negligible)			Beaumont Court_6	Beaumont Court_6	Beaumont Court_6	0.0	1	34.078	19.872	None	94.860E-6	0.0	112.33E-6	0.0	14.668E-6
19000. 0 (Negligible)							2	53.950	18.214	None	676.84E-6	0.0	757.13E-6	-89.583E-6	-170.80E-6
1.5418E+6 0 (Negligible)			TP No.1_1	TP No.1_1	TP No.1_1	0.0	1	0.0	7.4536	None	48.639E-6	0.0	47.457E-6	0.0	20.172E-6
181660. 0 (Negligible)			TP No.1_2	TP No.1_2	TP No.1_2	0.0	1	1.8634	9.3169	None	374.06E-6	0.0	360.17E-6	0.0	-40.611E-6
1.7714E+6 0 (Negligible)			TP No.1_3	TP No.1_3	TP No.1_3	0.0	1	0.0	8.1816	None	56.675E-6	0.0	55.039E-6	0.0	20.846E-6
2.3467E+6 0 (Negligible)			TP No.1_4	TP No.1_4	TP No.1_4	0.0	All vertical displacements are less than the limit sensitivity.								
1.3506E+6 0 (Negligible)			TP No.1_5	TP No.1_5	TP No.1_5	0.0	1	5.9096	35.458	None	157.66E-6	0.0	229.78E-6	0.0	-15.202E-6
1.3244E+6 0 (Negligible)			TP No.1_6	TP No.1_6	TP No.1_6	0.0	1	0.0	12.530	None	54.119E-6	0.0	50.604E-6	0.0	-9.2789E-6
2.3246E+6 0 (Negligible)			TP No.1_7	TP No.1_7	TP No.1_7	0.0	1	0.0	16.553	None	76.426E-6	0.0	72.277E-6	0.0	9.0949E-6
182180. 0 (Negligible)			TP No.1_8	TP No.1_8	TP No.1_8	0.0	1	0.0	12.083	None	475.58E-6	0.0	446.57E-6	0.0	32.841E-6
3.5106E+6 0 (Negligible)			TP No.2_1	TP No.2_1	TP No.2_1	0.0	1	0.0	33.908	None	103.81E-6	0.0	149.24E-6	0.0	5.6932E-6
23675. 0 (Negligible)							2	33.908	5.9043	None	0.0014793	0.0	0.0014567	0.0	-60.830E-6
27731. 0 (Negligible)			TP No.2_2	TP No.2_2	TP No.2_2	0.0	1	0.0	5.5888	None	0.0012905	0.0	0.0012728	0.0	47.447E-6
480330. 0 (Negligible)							2	5.5888	4.7068	None	101.06E-6	0.0	100.10E-6	0.0	-5.2948E-6
24575. 0 (Negligible)			TP No.2_3	TP No.2_3	TP No.2_3	0.0	1	0.0	39.812	None	322.37E-6	0.0	482.33E-6	0.0	68.725E-6
26187. 0 (Negligible)			TP No.2_4	TP No.2_4	TP No.2_4	0.0	1	0.0	10.296	None	0.0010304	0.0	983.94E-6	0.0	-69.251E-6
11.420E+6 0 (Negligible)			TP No.3_1	TP No.3_1	TP No.3_1	0.0	1	0.0	17.435	None	13.821E-6	0.0	13.626E-6	0.0	-6.4461E-6
1.5838E+6 0 (Negligible)							2	17.435	33.556	None	133.71E-6	0.0	191.58E-6	0.0	-6.4461E-6
484770. 0 (Negligible)			TP No.3_2	TP No.3_2	TP No.3_2	0.0	1	0.0	13.416	None	202.00E-6	0.0	187.00E-6	0.0	-9.3838E-6
7.3128E+6 0 (Negligible)			TP No.3_3	TP No.3_3	TP No.3_3	0.0	1	0.0	23.257	None	21.362E-6	0.0	25.642E-6	0.0	5.6984E-6
14.434E+6 0 (Negligible)							2	23.257	27.310	None	17.339E-6	0.0	22.781E-6	0.0	5.6984E-6
37.767E+6 0 (Negligible)			TP No.3_4	TP No.3_4	TP No.3_4	0.0	1	0.0	12.530	None	2.7318E-6	0.0	2.5392E-6	0.0	-2.7746E-6
1.0466E+6 0 (Negligible)			Hospital No.1_1	Hospital No.1_1	Hospital No.1_1	0.0	1	0.0	12.000	None	110.31E-6	0.0	165.90E-6	0.0	-4.5491E-6
4.2856E+6 0 (Negligible)			Hospital No.1_2	Hospital No.1_2	Hospital No.1_2	0.0	1	0.0	19.959	None	29.908E-6	0.0	42.522E-6	0.0	5.5936E-6
14.303E+6 0 (Negligible)							2	19.959	17.041	None	10.621E-6	0.0	15.771E-6	0.0	5.5936E-6
10.485E+9 0 (Negligible)			Hospital No.1_3	Hospital No.1_3	Hospital No.1_3	0.0	1	0.0	0.11312	None	0.0	0.0	35.763E-9	0.0	-3.2191E-6
29.381E+6 0 (Negligible)							2	0.11312	21.887	None	4.6951E-6	0.0	6.4731E-6	0.0	-3.2191E-6
12.244E+6 0 (Negligible)			Hospital No.1_4	Hospital No.1_4	Hospital No.1_4	0.0	1	0.0	8.1385	None	5.8464E-6	0.0	7.7605E-6	0.0	-7.0485E-6
9.8448E+6 0 (Negligible)							2	8.1385	5.8615	None	4.7322E-6	0.0	5.1856E-6	0.0	-7.0485E-6
22.254E+6 0 (Negligible)			Hospital No.1_5	Hospital No.1_5	Hospital No.1_5	0.0	1	0.0	10.000	None	5.0514E-6	0.0	7.2598E-6	0.0	4.1386E-6
745940. 0 (Negligible)			Hospital No.1_6	Hospital No.1_6	Hospital No.1_6	0.0	1	0.0	23.000	None	159.03E-6	0.0	213.33E-6	0.0	-6.2667E-6
4.1643E+6 0 (Negligible)			Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	1	0.0	22.983	None	51.105E-6	0.0	68.557E-6	0.0	3.0032E-6
1.9149E+6 0 (Negligible)							2	22.983	9.0168	None	36.691E-6	0.0	51.033E-6	0.0	3.0032E-6
125020. 0 (Negligible)			Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	1	0.0	30.366	None	673.85E-6	0.0	772.01E-6	0.0	-49.328E-6
13.339E+6 0 (Negligible)							2	30.366	5.6344	None	3.8219E-6	0.0	4.0412E-6	0.0	7.9627E-6
10.813E+6 0 (Negligible)			Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	1	0.0	32.000	None	34.273E-6	0.0	37.944E-6	0.0	-2.1489E-6
			Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0	1	0.0	5.8406	None	4.5707E-6	0.0	4.9710E-6	0.0	-8.9017E-6



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Min Ref.	Stage: Name Damage Category	Specific Building: Building:	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient
Radius of										Ratio	Horizontal	Tensile	of	of Vertical
11.327E+6	0 (Negligible)					2	5.8406	30.159	None	692.49E-6	0.0	796.90E-6	0.0	49.170E-6
127770.0	0 (Negligible)					1	0.0	0.32133	None	0.0	0.0	35.763E-9	0.0	12.018E-6
25.418E+6	0 (Negligible)		Hospital No.3_1	Hospital No.3_1	0.0	2	0.32133	24.238	None	242.15E-6	0.0	316.61E-6	0.0	12.018E-6
901690.0	0 (Negligible)					3	24.560	6.4404	None	9.2597E-6	0.0	10.765E-6	0.0	-2.7510E-6
8.2545E+6	0 (Negligible)		Hospital No.3_2	Hospital No.3_2	0.0	1	0.0	9.0000	None	591.98E-6	0.0	822.37E-6	0.0	-49.638E-6
125850.0	0 (Negligible)		Hospital No.3_3	Hospital No.3_3	0.0	1	0.0	9.0000	None	9.3013E-6	0.0	12.910E-6	0.0	2.8971E-6
8.4236E+6	0 (Negligible)		Hospital No.3_4	Hospital No.3_4	0.0	1	0.0	21.665	None	188.08E-6	0.0	259.10E-6	0.0	8.2066E-6
462550.0	0 (Negligible)					2	21.665	2.3346	None	460.11E-9	0.0	464.92E-9	0.0	8.2066E-6
32.162E+6	0 (Negligible)		Hospital No.3_5	Hospital No.3_5	0.0	1	0.0	9.0000	None	9.0903E-6	0.0	12.624E-6	0.0	-2.0680E-6
11.244E+6	0 (Negligible)		Hospital No.3_6	Hospital No.3_6	0.0	1	0.0	8.0000	None	10.805E-6	0.0	14.198E-6	0.0	8.4952E-6
7.7832E+6	0 (Negligible)		Hospital No.3_7	Hospital No.3_7	0.0	1	0.0	31.000	None	19.968E-6	0.0	22.566E-6	0.0	2.6445E-6
14.120E+6	0 (Negligible)		Hospital No.3_8	Hospital No.3_8	0.0	1	0.0	12.757	None	11.309E-6	0.0	17.130E-6	0.0	-6.7401E-6
10.392E+6	0 (Negligible)					2	12.757	28.243	None	337.66E-6	0.0	405.09E-6	0.0	20.972E-6
267360.0	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: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Max Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Max Gradient of Min Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.076350	-0.098179	0.0033375	23.993	0.053748	0.0016176	0.0033375	9223.5	521.50
1	(Very Slight)	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.026818	0.011004	0.0019415	14.433	0.040189	818.08E-6	0.0019415	5404.7	-
0	(Negligible)	3	Canal Side Studios_3	Canal Side Studios_3	0.0	63.907E-6	0.0	2.7567E-6	0.77397	90.158E-6	0.0	2.7567E-6	-	-
0	(Negligible)	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.030374	0.032635	-0.0028352	15.011	0.065690	-524.96E-6	-0.0028352	1125.7	-
1	(Very Slight)	5	Beaumont Court_1	Beaumont Court_1	0.0	684.36E-6	0.0030023	-120.52E-6	0.90109	0.0030023	-30.022E-6	-120.52E-6	-	-
0	(Negligible)	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0062150	0.014404	448.10E-6	0.90109	0.019100	-371.79E-6	448.10E-6	-	-
0	(Negligible)	7	Beaumont Court_3	Beaumont Court_3	0.0	30.165E-6	0.0	-7.9953E-6	0.62218	29.361E-6	0.0	-7.9953E-6	-	-
0	(Negligible)	8	Beaumont Court_4	Beaumont Court_4	0.0	234.62E-6	0.0	-16.652E-6	0.57247	214.18E-6	0.0	-16.652E-6	-	-
0	(Negligible)	10	Beaumont Court_6	Beaumont Court_6	0.0	676.84E-6	0.0	-170.80E-6	0.46576	757.13E-6	-89.583E-6	-170.80E-6	-	-
0	(Negligible)	11	TP No.1_1	TP No.1_1	0.0	48.639E-6	0.0	20.172E-6	0.24151	47.457E-6	0.0	20.172E-6	-	-
0	(Negligible)	12	TP No.1_2	TP No.1_2	0.0	374.06E-6	0.0	-40.611E-6	0.25992	360.17E-6	0.0	-40.611E-6	-	-
0	(Negligible)	13	TP No.1_3	TP No.1_3	0.0	56.675E-6	0.0	20.846E-6	0.25992	55.039E-6	0.0	20.846E-6	-	-
0	(Negligible)	15	TP No.1_5	TP No.1_5	0.0	157.66E-6	0.0	-15.202E-6	0.25992	229.78E-6	0.0	-15.202E-6	-	-
0	(Negligible)	16	TP No.1_6	TP No.1_6	0.0	54.119E-6	0.0	-9.2789E-6	0.51126	50.604E-6	0.0	-9.2789E-6	-	-
0	(Negligible)	17	TP No.1_7	TP No.1_7	0.0	76.426E-6	0.0	9.0949E-6	0.51126	72.277E-6	0.0	9.0949E-6	-	-
0	(Negligible)	18	TP No.1_8	TP No.1_8	0.0	475.58E-6	0.0	32.841E-6	0.40725	446.57E-6	0.0	32.841E-6	-	-
0	(Negligible)	19	TP No.2_1	TP No.2_1	0.0	0.0014793	0.0	-60.830E-6	0.58473	0.0014567	0.0	-60.830E-6	-	-
0	(Negligible)	20	TP No.2_2	TP No.2_2	0.0	0.0012905	0.0	47.447E-6	0.58473	0.0012728	0.0	47.447E-6	-	-
0	(Negligible)	21	TP No.2_3	TP No.2_3	0.0	322.37E-6	0.0	68.725E-6	0.53984	482.33E-6	0.0	68.725E-6	-	-
0	(Negligible)	22	TP No.2_4	TP No.2_4	0.0	0.0010304	0.0	-69.251E-6	0.53039	983.94E-6	0.0	-69.251E-6	-	-
0	(Negligible)	23	TP No.3_1	TP No.3_1	0.0	133.71E-6	0.0	-6.4461E-6	0.50784	191.58E-6	0.0	-6.4461E-6	-	-
0	(Negligible)	24	TP No.3_2	TP No.3_2	0.0	202.00E-6	0.0	-9.3838E-6	0.52887	187.00E-6	0.0	-9.3838E-6	-	-
0	(Negligible)	25	TP No.3_3	TP No.3_3	0.0	21.362E-6	0.0	5.6984E-6	0.51011	25.642E-6	0.0	5.6984E-6	-	-
0	(Negligible)	26	TP No.3_4	TP No.3_4	0.0	2.7318E-6	0.0	-2.7746E-6	0.28172	2.5392E-6	0.0	-2.7746E-6	-	-
0	(Negligible)	27	Hospital No.1_1	Hospital No.1_1	0.0	110.31E-6	0.0	-4.5491E-6	0.46499	165.90E-6	0.0	-4.5491E-6	-	-
0	(Negligible)	28	Hospital No.1_2	Hospital No.1_2	0.0	29.908E-6	0.0	5.5936E-6	0.45495	42.522E-6	0.0	5.5936E-6	-	-
0	(Negligible)	29	Hospital No.1_3	Hospital No.1_3	0.0	4.6951E-6	0.0	3.2191E-6	0.33611	6.4731E-6	0.0	-3.2191E-6	-	-
0	(Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	5.8464E-6	0.0	-7.0485E-6	0.43285	7.7605E-6	0.0	-7.0485E-6	-	-
0	(Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	5.0514E-6	0.0	4.1386E-6	0.43285	7.2598E-6	0.0	4.1386E-6	-	-
0	(Negligible)	32	Hospital No.1_6	Hospital No.1_6	0.0	159.03E-6	0.0	-6.2667E-6	0.46739	213.33E-6	0.0	-6.2667E-6	-	-
0	(Negligible)	33	Hospital No.2_1	Hospital No.2_1	0.0	51.105E-6	0.0	3.0032E-6	0.30443	68.557E-6	0.0	3.0032E-6	-	-
0	(Negligible)	34	Hospital No.2_2	Hospital No.2_2	0.0	673.85E-6	0.0	-49.328E-6	0.52348	772.01E-6	0.0	-49.328E-6	-	-
0	(Negligible)	35	Hospital No.2_3	Hospital No.2_3	0.0	34.273E-6	0.0	-2.1489E-6	0.41061	37.944E-6	0.0	-2.1489E-6	-	-
0	(Negligible)	36	Hospital No.2_4	Hospital No.2_4	0.0	692.49E-6	0.0	49.170E-6	0.57225	796.90E-6	0.0	49.170E-6	-	-
0	(Negligible)	37	Hospital No.3_1	Hospital No.3_1	0.0	242.15E-6	0.0	12.018E-6	0.37318	316.61E-6	0.0	12.018E-6	-	-
0	(Negligible)	38	Hospital No.3_2	Hospital No.3_2	0.0	591.98E-6	0.0	-49.638E-6	0.54357	822.37E-6	0.0	-49.638E-6	-	-
0	(Negligible)	39	Hospital No.3_3	Hospital No.3_3	0.0	9.3013E-6	0.0	2.8971E-6	0.54357	12.910E-6	0.0	2.8971E-6	-	-
0	(Negligible)	40	Hospital No.3_4	Hospital No.3_4	0.0	188.08E-6	0.0	8.2066E-6	0.53596	259.10E-6	0.0	8.2066E-6	-	-
0	(Negligible)	41	Hospital No.3_5	Hospital No.3_5	0.0	9.0903E-6	0.0	-2.0680E-6	0.42685	12.624E-6	0.0	-2.0680E-6	-	-
0	(Negligible)	42	Hospital No.3_6	Hospital No.3_6	0.0	10.805E-6	0.0	8.4952E-6	0.42685	14.198E-6	0.0	8.4952E-6	-	-
0	(Negligible)	43	Hospital No.3_7	Hospital No.3_7	0.0	19.968E-6	0.0	2.6445E-6	0.36134	22.566E-6	0.0	2.6445E-6	-	-
0	(Negligible)	44	Hospital No.3_8	Hospital No.3_8	0.0	337.66E-6	0.0	20.972E-6	0.47125	405.09E-6	0.0	20.972E-6	-	-

Specific Building Damage Results - Critical Segments within Each Building

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Segment	Start	End	Curvature	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0	Base Model	0	Canal Side Studios_1	Max Slope	Canal Side Studios_1	5	29.168	35.000	Sagging	0.0033375	21.357	0.053748	-	521.50
1	(Very Slight)			Max Settlement	Canal Side Studios_1	3	9.5679	20.199	Sagging	879.59E-6	23.993	0.024888	-	5369.8



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature	Min Radius of Curvature
0 (Negligible)				Max Tensile Strain	Canal Side Studios_1	5	29.168	35.000	Sagging	0.0033375	21.357	0.053748	-	521.50
1 (Very Slight)				Min Radius of Curvature (Hogging)	Canal Side Studios_1	4	20.199	29.168	Hogging	587.82E-6	22.119	0.011476	9223.5	-
0 (Negligible)				Min Radius of Curvature (Sagging)	Canal Side Studios_1	5	29.168	35.000	Sagging	0.0033375	21.357	0.053748	-	521.50
1 (Very Slight)		0	Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Max Settlement	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Max Tensile Strain	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Canal Side Studios_3	Max Slope	Canal Side Studios_3	1	0.0	35.000	Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Max Settlement	Canal Side Studios_3	1	0.0	35.000	Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Max Tensile Strain	Canal Side Studios_3	1	0.0	35.000	Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
1 (Very Slight)		0	Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028352	15.011	0.065690	1125.7	-
1 (Very Slight)				Max Settlement	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028352	15.011	0.065690	1125.7	-
1 (Very Slight)				Max Tensile Strain	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028352	15.011	0.065690	1125.7	-
1 (Very Slight)				Min Radius of Curvature (Hogging)	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028352	15.011	0.065690	1125.7	-
1 (Very Slight)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_1	Max Slope	Beaumont Court_1	1	2.0031	2.7093	Sagging	120.52E-6	0.23567	0.0030023	-	136310.
0 (Negligible)				Max Settlement	Beaumont Court_1	2	2.7093	18.028	Sagging	120.52E-6	0.90109	0.0010356	-	75007.
0 (Negligible)				Max Tensile Strain	Beaumont Court_1	1	2.0031	2.7093	Sagging	120.52E-6	0.23567	0.0030023	-	136310.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	11.045	Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Max Settlement	Beaumont Court_2	1	0.0	11.045	Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Max Tensile Strain	Beaumont Court_2	1	0.0	11.045	Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_3	Max Slope	Beaumont Court_3	1	0.0	7.0000	Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Max Settlement	Beaumont Court_3	1	0.0	7.0000	Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Max Tensile Strain	Beaumont Court_3	1	0.0	7.0000	Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_4	Max Slope	Beaumont Court_4	1	0.0	12.817	Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Max Settlement	Beaumont Court_4	1	0.0	12.817	Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Max Tensile Strain	Beaumont Court_4	1	0.0	12.817	Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_5	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. All vertical displacements are less than the limit sensitivity.										
0 (Negligible)		0	Beaumont Court_6	Max Slope	Beaumont Court_6	2	53.950	72.164	Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Max Settlement	Beaumont Court_6	2	53.950	72.164	Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Max Tensile Strain	Beaumont Court_6	2	53.950	72.164	Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_1	Max Slope	TP No.1_1	1	0.0	7.4536	Sagging	20.172E-6	0.24151	47.457E-6	-	1.5418E+6
0 (Negligible)				Max Settlement	TP No.1_1	1	0.0	7.4536	Sagging	20.172E-6	0.24151	47.457E-6	-	1.5418E+6
0 (Negligible)				Max Tensile Strain	TP No.1_1	1	0.0	7.4536	Sagging	20.172E-6	0.24151	47.457E-6	-	1.5418E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_2	Max Slope	TP No.1_2	1	1.8634	11.180	Sagging	40.611E-6	0.25992	360.17E-6	-	181660.
0 (Negligible)				Max Settlement	TP No.1_2	1	1.8634	11.180	Sagging	40.611E-6	0.25992	360.17E-6	-	181660.
0 (Negligible)				Max Tensile Strain	TP No.1_2	1	1.8634	11.180	Sagging	40.611E-6	0.25992	360.17E-6	-	181660.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_3	Max Slope	TP No.1_3	1	0.0	8.1816	Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Max Settlement	TP No.1_3	1	0.0	8.1816	Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Max Tensile Strain	TP No.1_3	1	0.0	8.1816	Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_4	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. All vertical displacements are less than the limit sensitivity.										
0 (Negligible)		0	TP No.1_5	Max Slope	TP No.1_5	1	5.9096	41.367	Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Max Settlement	TP No.1_5	1	5.9096	41.367	Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Max Tensile Strain	TP No.1_5	1	5.9096	41.367	Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_6	Max Slope	TP No.1_6	1	0.0	12.530	Sagging	9.2789E-6	0.51126	50.604E-6	-	1.3506E+6



RSK ENVIRONMENT LIMITED

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Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature	Min Radius of Curvature
0 (Negligible)				Max Settlement	TP No.1_6	1	0.0	12.530	Sagging	9.2789E-6	0.51126	50.604E-6	-	1.3506E+6
0 (Negligible)				Max Tensile Strain	TP No.1_6	1	0.0	12.530	Sagging	9.2789E-6	0.51126	50.604E-6	-	1.3506E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_7	Max Slope	TP No.1_7	1	0.0	16.553	Sagging	9.0949E-6	0.51126	72.277E-6	-	2.3246E+6
0 (Negligible)				Max Settlement	TP No.1_7	1	0.0	16.553	Sagging	9.0949E-6	0.51126	72.277E-6	-	2.3246E+6
0 (Negligible)				Max Tensile Strain	TP No.1_7	1	0.0	16.553	Sagging	9.0949E-6	0.51126	72.277E-6	-	2.3246E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_8	Max Slope	TP No.1_8	1	0.0	12.083	Sagging	32.841E-6	0.40725	446.57E-6	-	182180.
0 (Negligible)				Max Settlement	TP No.1_8	1	0.0	12.083	Sagging	32.841E-6	0.40725	446.57E-6	-	182180.
0 (Negligible)				Max Tensile Strain	TP No.1_8	1	0.0	12.083	Sagging	32.841E-6	0.40725	446.57E-6	-	182180.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_1	Max Slope	TP No.2_1	2	33.908	39.812	Sagging	60.830E-6	0.58473	0.0014567	-	23675.
0 (Negligible)				Max Settlement	TP No.2_1	2	33.908	39.812	Sagging	60.830E-6	0.58473	0.0014567	-	23675.
0 (Negligible)				Max Tensile Strain	TP No.2_1	2	33.908	39.812	Sagging	60.830E-6	0.58473	0.0014567	-	23675.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_2	Max Slope	TP No.2_2	1	0.0	5.5888	Sagging	47.447E-6	0.58473	0.0012728	-	27731.
0 (Negligible)				Max Settlement	TP No.2_2	1	0.0	5.5888	Sagging	47.447E-6	0.58473	0.0012728	-	27731.
0 (Negligible)				Max Tensile Strain	TP No.2_2	1	0.0	5.5888	Sagging	47.447E-6	0.58473	0.0012728	-	27731.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_3	Max Slope	TP No.2_3	1	0.0	39.812	Sagging	68.725E-6	0.53984	482.33E-6	-	24575.
0 (Negligible)				Max Settlement	TP No.2_3	1	0.0	39.812	Sagging	68.725E-6	0.53984	482.33E-6	-	24575.
0 (Negligible)				Max Tensile Strain	TP No.2_3	1	0.0	39.812	Sagging	68.725E-6	0.53984	482.33E-6	-	24575.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_4	Max Slope	TP No.2_4	1	0.0	10.296	Sagging	69.251E-6	0.53039	983.94E-6	-	26187.
0 (Negligible)				Max Settlement	TP No.2_4	1	0.0	10.296	Sagging	69.251E-6	0.53039	983.94E-6	-	26187.
0 (Negligible)				Max Tensile Strain	TP No.2_4	1	0.0	10.296	Sagging	69.251E-6	0.53039	983.94E-6	-	26187.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_1	Max Slope	TP No.3_1	1	0.0	17.435	Sagging	6.4461E-6	0.50784	191.58E-6	-	1.5838E+6
0 (Negligible)				Max Settlement	TP No.3_1	2	17.435	50.990	Sagging	6.4461E-6	0.50784	191.58E-6	-	1.5838E+6
0 (Negligible)				Max Tensile Strain	TP No.3_1	2	17.435	50.990	Sagging	6.4461E-6	0.50784	191.58E-6	-	1.5838E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_2	Max Slope	TP No.3_2	1	0.0	13.416	Sagging	9.3838E-6	0.52887	187.00E-6	-	484770.
0 (Negligible)				Max Settlement	TP No.3_2	1	0.0	13.416	Sagging	9.3838E-6	0.52887	187.00E-6	-	484770.
0 (Negligible)				Max Tensile Strain	TP No.3_2	1	0.0	13.416	Sagging	9.3838E-6	0.52887	187.00E-6	-	484770.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_3	Max Slope	TP No.3_3	1	0.0	23.257	Sagging	5.6984E-6	0.51011	25.642E-6	-	7.3128E+6
0 (Negligible)				Max Settlement	TP No.3_3	1	0.0	23.257	Sagging	5.6984E-6	0.51011	25.642E-6	-	7.3128E+6
0 (Negligible)				Max Tensile Strain	TP No.3_3	1	0.0	23.257	Sagging	5.6984E-6	0.51011	25.642E-6	-	7.3128E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_4	Max Slope	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Max Settlement	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Max Tensile Strain	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_1	Max Slope	Hospital No.1_1	1	0.0	12.000	Sagging	4.5491E-6	0.46499	165.90E-6	-	1.0466E+6
0 (Negligible)				Max Settlement	Hospital No.1_1	1	0.0	12.000	Sagging	4.5491E-6	0.46499	165.90E-6	-	1.0466E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_1	1	0.0	12.000	Sagging	4.5491E-6	0.46499	165.90E-6	-	1.0466E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_2	Max Slope	Hospital No.1_2	1	0.0	19.959	Sagging	5.5936E-6	0.45495	42.522E-6	-	4.2856E+6
0 (Negligible)				Max Settlement	Hospital No.1_2	1	0.0	19.959	Sagging	5.5936E-6	0.45495	42.522E-6	-	4.2856E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_2	1	0.0	19.959	Sagging	5.5936E-6	0.45495	42.522E-6	-	4.2856E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_3	Max Slope	Hospital No.1_3	1	0.0	0.11312	Sagging	3.2191E-6	0.26814	35.763E-9	-	10.485E+9
0 (Negligible)				Max Settlement	Hospital No.1_3	2	0.11312	22.000	Sagging	3.2191E-6	0.33611	6.4731E-6	-	29.381E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_3	2	0.11312	22.000	Sagging	3.2191E-6	0.33611	6.4731E-6	-	29.381E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

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Stage: Damage Ref.	Stage: Name Category	Specific Building: Building Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature	Min Radius of Curvature
-					Segment								
0 (Negligible)		0	Hospital No.1_4	Max Slope	Hospital No.1_4	1	0.0	8.1385 Sagging	7.0485E-6	0.39217	7.7605E-6	-	12.244E+6
0 (Negligible)				Max Settlement	Hospital No.1_4	2	8.1385	14.000 Sagging	7.0485E-6	0.43285	5.1856E-6	-	9.8448E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_4	1	0.0	8.1385 Sagging	7.0485E-6	0.39217	7.7605E-6	-	12.244E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_5	Max Slope	Hospital No.1_5	1	0.0	10.000 Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Max Settlement	Hospital No.1_5	1	0.0	10.000 Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_5	1	0.0	10.000 Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_6	Max Slope	Hospital No.1_6	1	0.0	23.000 Sagging	6.2667E-6	0.46739	213.33E-6	-	745940.
0 (Negligible)				Max Settlement	Hospital No.1_6	1	0.0	23.000 Sagging	6.2667E-6	0.46739	213.33E-6	-	745940.
0 (Negligible)				Max Tensile Strain	Hospital No.1_6	1	0.0	23.000 Sagging	6.2667E-6	0.46739	213.33E-6	-	745940.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_1	Max Slope	Hospital No.2_1	1	0.0	22.983 Sagging	3.0032E-6	0.30443	68.557E-6	-	4.1643E+6
0 (Negligible)				Max Settlement	Hospital No.2_1	1	0.0	22.983 Sagging	3.0032E-6	0.30443	68.557E-6	-	4.1643E+6
0 (Negligible)				Max Tensile Strain	Hospital No.2_1	1	0.0	22.983 Sagging	3.0032E-6	0.30443	68.557E-6	-	4.1643E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_2	Max Slope	Hospital No.2_2	1	0.0	30.366 Sagging	49.328E-6	0.52348	772.01E-6	-	125020.
0 (Negligible)				Max Settlement	Hospital No.2_2	1	0.0	30.366 Sagging	49.328E-6	0.52348	772.01E-6	-	125020.
0 (Negligible)				Max Tensile Strain	Hospital No.2_2	1	0.0	30.366 Sagging	49.328E-6	0.52348	772.01E-6	-	125020.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_3	Max Slope	Hospital No.2_3	1	0.0	32.000 Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Max Settlement	Hospital No.2_3	1	0.0	32.000 Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Max Tensile Strain	Hospital No.2_3	1	0.0	32.000 Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_4	Max Slope	Hospital No.2_4	2	5.8406	36.000 Sagging	49.170E-6	0.57225	796.90E-6	-	127770.
0 (Negligible)				Max Settlement	Hospital No.2_4	2	5.8406	36.000 Sagging	49.170E-6	0.57225	796.90E-6	-	127770.
0 (Negligible)				Max Tensile Strain	Hospital No.2_4	2	5.8406	36.000 Sagging	49.170E-6	0.57225	796.90E-6	-	127770.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_1	Max Slope	Hospital No.3_1	1	0.0	0.32133 Sagging	12.018E-6	0.37318	35.763E-9	-	25.418E+6
0 (Negligible)				Max Settlement	Hospital No.3_1	1	0.0	0.32133 Sagging	12.018E-6	0.37318	35.763E-9	-	25.418E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_1	2	0.32133	24.560 Sagging	12.018E-6	0.36932	316.61E-6	-	901690.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_2	Max Slope	Hospital No.3_2	1	0.0	9.0000 Sagging	49.638E-6	0.54357	822.37E-6	-	125850.
0 (Negligible)				Max Settlement	Hospital No.3_2	1	0.0	9.0000 Sagging	49.638E-6	0.54357	822.37E-6	-	125850.
0 (Negligible)				Max Tensile Strain	Hospital No.3_2	1	0.0	9.0000 Sagging	49.638E-6	0.54357	822.37E-6	-	125850.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_3	Max Slope	Hospital No.3_3	1	0.0	9.0000 Sagging	2.8971E-6	0.54357	12.910E-6	-	8.4236E+6
0 (Negligible)				Max Settlement	Hospital No.3_3	1	0.0	9.0000 Sagging	2.8971E-6	0.54357	12.910E-6	-	8.4236E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_3	1	0.0	9.0000 Sagging	2.8971E-6	0.54357	12.910E-6	-	8.4236E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_4	Max Slope	Hospital No.3_4	1	0.0	21.665 Sagging	8.2066E-6	0.53596	259.10E-6	-	462550.
0 (Negligible)				Max Settlement	Hospital No.3_4	1	0.0	21.665 Sagging	8.2066E-6	0.53596	259.10E-6	-	462550.
0 (Negligible)				Max Tensile Strain	Hospital No.3_4	1	0.0	21.665 Sagging	8.2066E-6	0.53596	259.10E-6	-	462550.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_5	Max Slope	Hospital No.3_5	1	0.0	9.0000 Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
0 (Negligible)				Max Settlement	Hospital No.3_5	1	0.0	9.0000 Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_5	1	0.0	9.0000 Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_6	Max Slope	Hospital No.3_6	1	0.0	8.0000 Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Max Settlement	Hospital No.3_6	1	0.0	8.0000 Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_6	1	0.0	8.0000 Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_7	Max Slope	Hospital No.3_7	1	0.0	31.000 Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Max Settlement	Hospital No.3_7	1	0.0	31.000 Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_7	1	0.0	31.000 Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-



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Stage: Name	Specific Building:	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Category	Building: Name				Segment				Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature
		Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)	0 Hospital No.3_8	Max Slope	Hospital No.3_8	2	12.757	41.000	Sagging	20.972E-6	0.47125	405.09E-6	-	267360.
0 (Negligible)		Max Settlement	Hospital No.3_8	2	12.757	41.000	Sagging	20.972E-6	0.47125	405.09E-6	-	267360.
0 (Negligible)		Max Tensile Strain	Hospital No.3_8	2	12.757	41.000	Sagging	20.972E-6	0.47125	405.09E-6	-	267360.
		Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
		Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

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371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Results - Displacement Lines

Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δt//	δtperp.	Angle		
					[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]		[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	15.011	1.9491	-6.5270	90.000	*	
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	17.190	0.17967	-8.4606	90.000	*	
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	17.926	0.18046	-8.4978	90.000	*	
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	18.583	0.18125	-8.5350	90.000	*	
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18204	19.616	0.18204	-8.5724	90.000	*	
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	21.291	0.18284	-8.6098	90.000	*	
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	23.002	0.18364	-8.6473	90.000	*	
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	23.852	0.18443	-8.6849	90.000	*	
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	23.998	0.18523	-8.7225	90.000	*	
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	23.583	0.18603	-8.7603	90.000	*	
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	22.562	0.18684	-8.7981	90.000	*	
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	21.419	0.18764	-8.8360	90.000	*	
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	20.552	0.18845	-8.8740	90.000	*	
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	20.155	0.18926	-8.9121	90.000	*	
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	20.146	0.19007	-8.9502	90.000	*	
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	20.531	0.19088	-8.9884	90.000	*	
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	21.358	0.19169	-9.0267	90.000	*	
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	20.914	-2.9486	-5.8175	90.000	*	
2			Canal Side Studios_2	35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	14.433	-5.5348	-2.2007	90.000	*	
				0.0	6.00000	49.00000	22.00000	2.2007	-5.5348	14.433	-5.5348	-2.2007	90.000	*	
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	10.554	-3.8355	2.9855	180.000	*	
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	7.2311	-4.0090	1.7143	180.000	*	
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	4.8506	-3.5840	1.0333	180.000	*	
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.9965	-2.9103	0.62661	180.000	*	
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.3659	1.5574	-2.1154	0.3659	180.000	*	
				12.000	-6.00000	49.00000	22.00000	1.4250	-0.20081	0.50714	-1.4250	0.20081	180.000	*	
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	-0.23129	-0.80587	0.096336	180.000	*	
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	-0.61477	-0.15972	0.016532	180.000	*	
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	-0.71317	0.0	0.0	180.000	*	
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	-0.74319	0.0	0.0	180.000	*	
				0.0	-14.00000	49.00000	22.00000	0.0	0.0	-0.74319	0.0	0.0	270.000	*	
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	-0.74855	0.0	0.0	270.000	*	
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	-0.75343	0.0	0.0	270.000	*	
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	-0.75795	0.0	0.0	270.000	*	
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	-0.76213	0.0	0.0	270.000	*	
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	-0.76584	0.0	0.0	270.000	*	
11.667	-14.00000	37.33333	22.00000	0.0	0.0	-0.76893	0.0	0.0	270.000	*					
13.611	-14.00000	35.38889	22.00000	0.0	0.0	-0.77130	0.0	0.0	270.000	*					
15.556	-14.00000	33.44444	22.00000	0.0	0.0	-0.77289	0.0	0.0	270.000	*					
17.500	-14.00000	31.50000	22.00000	0.0	0.0	-0.77372	0.0	0.0	270.000	*					
19.444	-14.00000	29.55556	22.00000	0.0	0.0	-0.77397	0.0	0.0	270.000	*					
21.389	-14.00000	27.61111	22.00000	0.0	0.0	-0.77367	0.0	0.0	270.000	*					
23.333	-14.00000	25.66667	22.00000	0.0	0.0	-0.77295	0.0	0.0	270.000	*					
25.278	-14.00000	23.72222	22.00000	0.0	0.0	-0.77189	0.0	0.0	270.000	*					
27.222	-14.00000	21.77778	22.00000	0.0	0.0	-0.77052	0.0	0.0	270.000	*					
29.167	-14.00000	19.83333	22.00000	0.0	0.0	-0.76873	0.0	0.0	270.000	*					
31.111	-14.00000	17.88889	22.00000	0.0	0.0	-0.76648	0.0	0.0	270.000	*					
33.056	-14.00000	15.94444	22.00000	0.0	0.0	-0.76356	0.0	0.0	270.000	*					
35.000	-14.00000	14.00000	22.00000	0.0	0.0	-0.75969	0.0	0.0	270.000	*					
4			Canal Side Studios_4	0.0	-14.00000	14.00000	22.00000	0.0	0.0	-0.75969	0.0	0.0	270.000	*	
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	-0.73249	0.0	0.0	0.0	*	
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	-0.66981	0.0017685	60.569E-6	0.0	0.0	*
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	-0.47071	0.73877	0.027827	0.0	0.0	*
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	0.23217	1.4692	0.061841	0.0	0.0	*
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	1.2296	2.1897	0.10522	0.0	0.0	*
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	2.6181	3.2402	0.18309	0.0	0.0	*
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.4176	4.2827	0.29736	0.0	0.0	*
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	6.6167	5.3100	0.48657	0.0	0.0	*
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	9.3400	6.2339	0.86336	0.0	0.0	*
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	15.011	6.5270	1.9491	0.0	0.0	*
				0.0	45.00000	0.00000	20.00000	0.0	0.18000	-0.0017964	0.0099846	-0.17972	176.82	176.82	*
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.15055	0.012296	-0.22133	176.82	176.82	*
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.39197	0.072435	-1.3038	176.82	176.82	*
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.48392	0.074746	-1.3454	176.82	176.82	*
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.56952	0.07057	-1.3870	176.82	176.82	*
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.64790	0.079368	-1.4286	176.82	176.82	*
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.71933	0.081680	-1.4702	176.82	176.82	*
14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.78470	0.083991	-1.5118	176.82	176.82	*				
16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.84502	0.086302	-1.5534	176.82	176.82	*				
18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.90109	0.088613	-1.5950	176.82	176.82	*				
0.0	27.00000	1.00000	20.00000	0.0	1.5975	0.90109	-1.5909	-0.14463	264.81	264.81	*				
1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	0.075873	-0.90626	-0.082388	264.81	264.81	*				
3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.29340	-0.22159	-0.020144	264.81	264.81	*				
5.5227	26.50000	-4.50000	20.00000	0.0	0.0	-0.47084	0.0	0.0	264.81	264.81	*				
7.3636	26.33333	-6.33333	20.00000	0.0	0.0	-0.55465	0.0	0.0	264.81	264.81	*				
9.2045	26.16667	-8.16667	20.00000	0.0	0.0	-0.60151	0.0	0.0	264.81	264.81	*				
11.045	26.00000	-10.00000	20.00000	0.0	0.0	-0.62218	0.0	0.0	264.81	264.81	*				
0.0	26.00000	-10.00000	20.00000	0.0	0.0	-0.62218	0.0	0.0	0.0	0.0	*				
1.7500	27.75000	-10.00000	20.00000	0.0	0.0	-0.61133	0.0	0.0	0.0	0.0	*				
3.5000	29.50000	-10.00000	20.00000	0.0	0.0	-0.58945	0.0	0.0	0.0	0.0	*				
5.2500	31.25000	-10.00000	20.00000	0.0	0.0	-0.58646	0.0	0.0	0.0	0.0	*				
7.0000	33.00000	-10.00000	20.00000	0.0	0.0	-0									



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δt//	δtperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	-0.027123	0.0	86.135
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	-0.035336	0.0	86.135
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	-0.044464	0.0	86.135
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	-0.054589	0.0	86.135
					28.064	41.89189	-46.00000	20.0000	0.0	0.0	-0.065799	0.0	86.135
					30.068	42.02703	-44.00000	20.0000	0.0	0.0	-0.078184	0.0	86.135
					32.073	42.16216	-42.00000	20.0000	0.0	0.0	-0.091835	0.0	86.135
					34.078	42.29730	-40.00000	20.0000	0.0	0.0	-0.10685	0.0	86.135
					36.082	42.43243	-38.00000	20.0000	0.0	0.0	-0.12331	0.0	86.135
					38.087	42.56757	-36.00000	20.0000	0.0	0.0	-0.14130	0.0	86.135
					40.091	42.70270	-34.00000	20.0000	0.0	0.0	-0.16090	0.0	86.135
					42.096	42.83784	-32.00000	20.0000	0.0	0.0	-0.18215	0.0	86.135
					44.100	42.97297	-30.00000	20.0000	0.0	0.0	-0.20509	0.0	86.135
					46.105	43.10811	-28.00000	20.0000	0.0	0.0	-0.22968	0.0	86.135
					48.109	43.24324	-26.00000	20.0000	0.0	0.0	-0.25586	0.0	86.135
					50.114	43.37838	-24.00000	20.0000	0.0	0.0	-0.28344	0.0	86.135
					52.119	43.51351	-22.00000	20.0000	0.0	0.0	-0.31216	0.0	86.135
					54.123	43.64865	-20.00000	20.0000	0.0	0.0	-0.34157	0.0	86.135
					56.128	43.78378	-18.00000	20.0000	0.0	0.0	-0.37099	0.0	86.135
					58.132	43.91892	-16.00000	20.0000	0.0	0.0	-0.39945	0.0	86.135
					60.137	44.05405	-14.00000	20.0000	0.0	0.0	-0.42557	0.0	86.135
					62.141	44.18919	-12.00000	20.0000	0.0	0.0	-0.44737	0.0	86.135
					64.146	44.32432	-10.00000	20.0000	0.0	0.0	-0.46210	0.0	86.135
					66.150	44.45946	-8.000000	20.0000	0.0	0.0	-0.46587	0.0	86.135
					68.155	44.59459	-6.00000	20.0000	0.0	0.0	-0.45321	0.0	86.135
					70.160	44.72973	-4.000000	20.0000	0.0	0.0	-0.41636	0.0	86.135
					72.164	44.86486	-2.00000	20.0000	0.0	29.449E-12	-0.34421	29.382E-12	1.9853E-12
					74.169	45.00000	0.00000	20.0000	0.0	0.18000	-0.0017964	0.17959	0.012134
11		TP No.1_1			0.0	96.00000	-16.00000	20.0000	0.0041426	0.010251	1.5007	879.29E-6	-0.011022
					1.8634	94.33333	-15.16667	20.0000	0.0	0.0	0.52864	0.0	153.43
					3.7268	92.66667	-14.33333	20.0000	0.0	0.0	0.53502	0.0	153.43
					5.5902	91.00000	-13.50000	20.0000	0.0	0.0	0.53959	0.0	153.43
					7.4536	89.33333	-12.66667	20.0000	0.0	0.0	0.54217	0.0	153.43
					9.3169	87.66667	-11.83333	20.0000	0.0	0.0	0.54250	0.0	153.43
					11.180	86.00000	-11.00000	20.0000	0.0	0.0	0.54031	0.0	153.43
12		TP No.1_2			0.0	86.00000	-11.00000	20.0000	0.0	0.0	0.54031	0.0	243.43
					1.8634	85.16667	-12.66667	20.0000	0.0	0.0	0.24524	0.0	243.43
					3.7268	84.33333	-14.33333	20.0000	0.0	0.0	0.16485	0.0	243.43
					5.5902	83.50000	-16.00000	20.0000	0.0	0.0	0.20452	0.0	243.43
					7.4536	82.66667	-17.66667	20.0000	0.0	0.0	0.23186	0.0	243.43
					9.3169	81.83333	-19.33333	20.0000	0.0	0.0	0.24961	0.0	243.43
					11.180	81.00000	-21.00000	20.0000	0.0	0.0	0.25992	0.0	243.43
					0.0	81.00000	-21.00000	20.0000	0.0	0.0	0.25992	0.0	155.22
13		TP No.1_3			2.0454	79.14286	-20.14286	20.0000	0.0	0.0	0.22642	0.0	155.22
					4.0908	77.28571	-19.28571	20.0000	0.0	0.0	0.19056	0.0	155.22
					6.1362	75.42857	-18.42857	20.0000	0.0	0.0	0.15236	0.0	155.22
					8.1816	73.57143	-17.57143	20.0000	0.0	0.0	0.11189	0.0	155.22
					10.227	71.71429	-16.71429	20.0000	0.0	0.0	0.069246	0.0	155.22
					12.272	69.85714	-15.85714	20.0000	0.0	0.0	0.024633	0.0	155.22
					14.318	68.00000	-15.00000	20.0000	0.0	0.0	-0.021688	0.0	155.22
14		TP No.1_4			0.0	68.00000	-15.00000	20.0000	0.0	0.0	-0.021688	0.0	246.50
					2.0900	67.16667	-16.91667	20.0000	0.0	0.0	-0.0015336	0.0	246.50
					4.1800	66.33333	-18.83333	20.0000	0.0	0.0	0.012592	0.0	246.50
					6.2700	65.50000	-20.75000	20.0000	0.0	0.0	0.022265	0.0	246.50
					8.3600	64.66667	-22.66667	20.0000	0.0	0.0	0.028677	0.0	246.50
					10.450	63.83333	-24.58333	20.0000	0.0	0.0	0.032728	0.0	246.50
					12.540	63.00000	-26.50000	20.0000	0.0	0.0	0.035094	0.0	246.50
					0.0	63.00000	-26.50000	20.0000	0.0	0.0	0.035094	0.0	333.43
15		TP No.1_5			1.9699	64.76190	-27.38095	20.0000	0.0	0.0	0.068240	0.0	333.43
					3.9397	66.52381	-28.26190	20.0000	0.0	0.0	0.098080	0.0	333.43
					5.9096	68.28571	-29.14286	20.0000	0.0	0.0	0.12976	0.0	333.43
					7.8795	70.04762	-30.02381	20.0000	0.0	0.0	0.15805	0.0	333.43
					9.8493	71.80952	-30.90476	20.0000	0.0	0.0	0.18469	0.0	333.43
					11.819	73.57143	-31.78571	20.0000	0.0	0.0	0.20968	0.0	333.43
					13.789	75.33333	-32.66667	20.0000	0.0	0.0	0.23303	0.0	333.43
					15.759	77.09524	-33.54762	20.0000	0.0	0.0	0.25478	0.0	333.43
					17.729	78.85714	-34.42857	20.0000	0.0	0.0	0.27494	0.0	333.43
					19.699	80.61905	-35.30952	20.0000	0.0	0.0	0.29358	0.0	333.43
					21.669	82.38095	-36.19048	20.0000	0.0	0.0	0.31072	0.0	333.43
					23.638	84.14286	-37.07143	20.0000	0.0	0.0	0.32642	0.0	333.43
					25.608	85.90476	-37.95238	20.0000	0.0	0.0	0.34073	0.0	333.43
					27.578	87.66667	-38.83333	20.0000	0.0	0.0	0.35369	0.0	333.43
					29.548	89.42857	-39.71429	20.0000	0.0	0.0	0.36537	0.0	333.43
					31.518	91.19048	-40.59524	20.0000	0.0	0.0	0.37581	0.0	333.43
					33.488	92.95238	-41.47619	20.0000	0.0	0.0	0.38507	0.0	333.43
					35.458	94.71429	-42.35714	20.0000	0.0	0.0	0.39320	0.0	333.43
					37.428	96.47619	-43.23810	20.0000	0.0	0.0	0.40024	0.0	333.43
					39.397	98.23810	-44.11905	20.0000	0.0	0.0	0.40625	0.0	333.43
					41.367	100.00000	-45.00000	20.0000	0.0	0.0	0.41		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δR//	δRperp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				23.887	128.60000	-43.20000	20.00000	0.0	0.0	0.52874	0.0	0.0	334.72 *
				25.878	130.40000	-44.05000	20.00000	0.0	0.0	0.52437	0.0	0.0	334.72 *
				27.868	132.20000	-44.90000	20.00000	0.0	0.0	0.51936	0.0	0.0	334.72 *
				29.859	134.00000	-45.75000	20.00000	0.0	0.0	0.51374	0.0	0.0	334.72 *
				31.850	135.80000	-46.60000	20.00000	0.0	0.0	0.50754	0.0	0.0	334.72 *
				33.840	137.60000	-47.45000	20.00000	0.0	0.0	0.50080	0.0	0.0	334.72 *
				35.831	139.40000	-48.30000	20.00000	0.0	0.0	0.49355	0.0	0.0	334.72 *
				37.821	141.20000	-49.15000	20.00000	0.0	0.0	0.48583	0.0	0.0	334.72 *
				39.812	143.00000	-50.00000	20.00000	0.0	0.0	0.51810	0.0	0.0	334.72 *
		22	TP No.2_4	0.0	143.00000	-50.00000	20.0000	0.0	0.0	0.34903	0.0	0.0	60.945 *
				2.0591	144.00000	-48.20000	20.0000	0.0	0.0	0.49163	0.0	0.0	60.945 *
				4.1183	145.00000	-46.40000	20.0000	0.0	0.0	0.50436	0.0	0.0	60.945 *
				6.1774	146.00000	-44.60000	20.0000	0.0	0.0	0.51545	0.0	0.0	60.945 *
				8.2365	147.00000	-42.80000	20.0000	0.0	0.0	0.63556	0.0	0.0	60.945 *
				10.296	148.00000	-41.00000	20.0000	0.0	0.0	1.0503	0.0	0.0	60.945 *
		23	TP No.3_1	0.0	200.00000	-55.00000	20.0000	0.0	0.0	0.28172	0.0	0.0	154.44 *
				2.0396	198.16000	-54.12000	20.0000	0.0	0.0	0.29295	0.0	0.0	154.44 *
				4.0792	196.32000	-53.24000	20.0000	0.0	0.0	0.30453	0.0	0.0	154.44 *
				6.1188	194.48000	-52.36000	20.0000	0.0	0.0	0.31646	0.0	0.0	154.44 *
				8.1584	192.64000	-51.48000	20.0000	0.0	0.0	0.32870	0.0	0.0	154.44 *
				10.198	190.80000	-50.60000	20.0000	0.0	0.0	0.34123	0.0	0.0	154.44 *
				12.238	188.96000	-49.72000	20.0000	0.0	0.0	0.35400	0.0	0.0	154.44 *
				14.277	187.12000	-48.84000	20.0000	0.0	0.0	0.36697	0.0	0.0	154.44 *
				16.317	185.28000	-47.96000	20.0000	0.0	0.0	0.38006	0.0	0.0	154.44 *
				18.356	183.44000	-47.08000	20.0000	0.0	0.0	0.39321	0.0	0.0	154.44 *
				20.396	181.60000	-46.20000	20.0000	0.0	0.0	0.40632	0.0	0.0	154.44 *
				22.436	179.76000	-45.32000	20.0000	0.0	0.0	0.41929	0.0	0.0	154.44 *
				24.475	177.92000	-44.44000	20.0000	0.0	0.0	0.55981	0.0	0.0	154.44 *
				26.515	176.08000	-43.56000	20.0000	0.0	0.0	0.89184	0.0	0.0	154.44 *
				28.555	174.24000	-42.68000	20.0000	0.0	0.0	1.2233	0.0	0.0	154.44 *
				30.594	172.40000	-41.80000	20.0000	0.0	0.0	1.5462	0.0	0.0	154.44 *
				32.634	170.56000	-40.92000	20.0000	-0.033629	0.099699	1.8491	0.073353	-0.075432	154.44 *
				34.673	168.72000	-40.04000	20.0000	-0.076511	0.31615	2.1269	0.20543	-0.25220	154.44 *
				36.713	166.88000	-39.16000	20.0000	-0.067841	0.51405	2.3729	0.28299	-0.43447	154.44 *
				38.753	165.04000	-38.28000	20.0000	-0.0043850	0.68758	2.5798	0.30062	-0.61840	154.44 *
				40.792	163.20000	-37.40000	20.0000	0.11102	0.82781	2.7388	0.25701	-0.79470	154.44 *
				42.832	161.36000	-36.52000	20.0000	0.26480	0.92412	2.8420	0.15983	-0.94793	154.44 *
				44.871	159.52000	-35.64000	20.0000	0.39098	0.96753	2.8849	0.064728	-1.0415	154.44 *
				46.911	157.68000	-34.76000	20.0000	0.40058	0.99127	2.9084	0.066317	-1.0671	154.44 *
				48.951	155.84000	-33.88000	20.0000	0.41023	1.0152	2.9295	0.067914	-1.0928	154.44 *
				50.990	154.00000	-33.00000	20.0000	0.41993	1.0392	2.9479	0.069521	-1.1187	154.44 *
		24	TP No.3_2	0.0	154.00000	-33.00000	20.0000	0.41993	1.0392	2.9479	-1.1173	-0.089133	243.43 *
				1.9166	153.14286	-34.71429	20.0000	0.27887	0.69010	2.5838	-0.74196	-0.059192	243.43 *
				3.8333	152.28571	-36.42857	20.0000	0.14692	0.36356	2.2125	-0.39088	-0.031184	243.43 *
				5.7499	151.42857	-38.14286	20.0000	0.019806	0.049011	1.8353	-0.052695	-0.0042039	243.43 *
				7.6665	150.57143	-39.85714	20.0000	0.0	0.0	1.4534	0.0	0.0	243.43 *
				9.5831	149.71429	-41.57143	20.0000	0.0	0.0	1.0678	0.0	0.0	243.43 *
				11.500	148.85714	-43.28571	20.0000	0.0	0.0	0.67923	0.0	0.0	243.43 *
				13.416	148.00000	-45.00000	20.0000	0.0	0.0	0.51011	0.0	0.0	243.43 *
		25	TP No.3_3	0.0	148.00000	-45.00000	20.0000	0.0	0.0	0.51011	0.0	0.0	335.46 *
				2.0227	149.84000	-45.84000	20.0000	0.0	0.0	0.50167	0.0	0.0	335.46 *
				4.0453	151.68000	-46.68000	20.0000	0.0	0.0	0.49268	0.0	0.0	335.46 *
				6.0680	153.52000	-47.52000	20.0000	0.0	0.0	0.48319	0.0	0.0	335.46 *
				8.0907	155.36000	-48.36000	20.0000	0.0	0.0	0.47326	0.0	0.0	335.46 *
				10.113	157.20000	-49.20000	20.0000	0.0	0.0	0.46299	0.0	0.0	335.46 *
				12.136	159.04000	-50.04000	20.0000	0.0	0.0	0.45230	0.0	0.0	335.46 *
				14.159	160.88000	-50.88000	20.0000	0.0	0.0	0.44137	0.0	0.0	335.46 *
				16.181	162.72000	-51.72000	20.0000	0.0	0.0	0.43022	0.0	0.0	335.46 *
				18.204	164.56000	-52.56000	20.0000	0.0	0.0	0.41890	0.0	0.0	335.46 *
				20.227	166.40000	-53.40000	20.0000	0.0	0.0	0.40747	0.0	0.0	335.46 *
				22.249	168.24000	-54.24000	20.0000	0.0	0.0	0.39596	0.0	0.0	335.46 *
				24.272	170.08000	-55.08000	20.0000	0.0	0.0	0.38444	0.0	0.0	335.46 *
				26.295	171.92000	-55.92000	20.0000	0.0	0.0	0.37293	0.0	0.0	335.46 *
				28.317	173.76000	-56.76000	20.0000	0.0	0.0	0.36149	0.0	0.0	335.46 *
				30.340	175.60000	-57.60000	20.0000	0.0	0.0	0.35016	0.0	0.0	335.46 *
				32.363	177.44000	-58.44000	20.0000	0.0	0.0	0.33895	0.0	0.0	335.46 *
				34.385	179.28000	-59.28000	20.0000	0.0	0.0	0.32791	0.0	0.0	335.46 *
				36.408	181.12000	-60.12000	20.0000	0.0	0.0	0.31706	0.0	0.0	335.46 *
				38.431	182.96000	-60.96000	20.0000	0.0	0.0	0.30643	0.0	0.0	335.46 *
				40.453	184.80000	-61.80000	20.0000	0.0	0.0	0.29602	0.0	0.0	335.46 *
				42.476	186.64000	-62.64000	20.0000	0.0	0.0	0.28587	0.0	0.0	335.46 *
				44.499	188.48000	-63.48000	20.0000	0.0	0.0	0.27597	0.0	0.0	335.46 *
				46.521	190.32000	-64.32000	20.0000	0.0	0.0	0.26635	0.0	0.0	335.46 *
				48.544	192.16000	-65.16000	20.0000	0.0	0.0	0.25700	0.0	0.0	335.46 *
				50.567	194.00000								



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Oasys												Job No.	Sheet No.	Rev.
RSK ENVIRONMENT LIMITED												371654		
UBB, London												Drg. Ref.		
Building Damage Assessment												Date		
PLOT A (Results) + PLOT B&C DEMO+WALL INST												Checked		
												11-Aug-2020		
Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δθ//	ΔPerp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
				11.500	200.50000	-19.00000	19.00000	0.0	0.0	0.52794	0.0	0.0	180.00	
				13.417	198.58333	-19.00000	19.00000	0.0	0.0	0.91740	0.0	0.0	180.00	
				15.333	196.66667	-19.00000	19.00000	0.0	0.0	1.3046	0.0	0.0	180.00	
				17.250	194.75000	-19.00000	19.00000	0.0	0.0	1.6891	0.0	0.0	180.00	
				19.167	192.83333	-19.00000	19.00000	-0.31084	0.010269	2.0701	0.31084	-0.010269	180.00	
				21.083	190.91667	-19.00000	19.00000	-0.65181	0.024294	2.4470	0.65181	-0.024294	180.00	
				23.000	189.00000	-19.00000	19.00000	-1.0116	0.043266	2.8191	1.0116	-0.043266	180.00	
33	Hospital No.2_1			0.0	189.00000	37.00000	19.00000	-1.0691	0.0027367	2.7058	-0.0027367	-1.0691	270.00	
				2.0000	189.00000	35.00000	19.00000	-1.0681	0.0027340	2.7055	-0.0027340	-1.0681	270.00	
				4.0000	189.00000	33.00000	19.00000	-1.0670	0.0027314	2.7047	-0.0027314	-1.0670	270.00	
				6.0000	189.00000	31.00000	19.00000	-1.0660	0.0027287	2.7036	-0.0027287	-1.0660	270.00	
				8.0000	189.00000	29.00000	19.00000	-1.0650	0.0027261	2.7018	-0.0027261	-1.0650	270.00	
				10.000	189.00000	27.00000	19.00000	-1.0639	0.0027234	2.6992	-0.0027234	-1.0639	270.00	
				12.000	189.00000	25.00000	19.00000	-1.0629	0.0027207	2.6955	-0.0027207	-1.0629	270.00	
				14.000	189.00000	23.00000	19.00000	-1.0619	0.0027181	2.6909	-0.0027181	-1.0619	270.00	
				16.000	189.00000	21.00000	19.00000	-1.0608	0.0027154	2.6857	-0.0027154	-1.0608	270.00	
				18.000	189.00000	19.00000	19.00000	-1.0598	0.0027128	2.6800	-0.0027128	-1.0598	270.00	
				20.000	189.00000	17.00000	19.00000	-1.0587	0.0027101	2.6738	-0.0027101	-1.0587	270.00	
				22.000	189.00000	15.00000	19.00000	-1.0577	0.0027075	2.6670	-0.0027075	-1.0577	270.00	
				24.000	189.00000	13.00000	19.00000	-1.0567	0.0027048	2.6600	-0.0027048	-1.0567	270.00	
				26.000	189.00000	11.00000	19.00000	-1.0556	0.0027022	2.6532	-0.0027022	-1.0556	270.00	
				28.000	189.00000	9.00000	19.00000	-1.0546	0.0026995	2.6472	-0.0026995	-1.0546	270.00	
				30.000	189.00000	7.00000	19.00000	-1.0536	0.0026969	2.6426	-0.0026969	-1.0536	270.00	
				32.000	189.00000	5.00000	19.00000	-1.0525	0.0026942	2.6401	-0.0026942	-1.0525	270.00	
34	Hospital No.2_2			0.0	189.00000	5.00000	19.00000	-1.0525	0.0026942	2.6401	-1.0525	0.0026942	0.0	
				2.0000	191.00000	5.00000	19.00000	-0.6456	0.0017000	2.3387	-0.6456	0.0017000	0.0	
				4.0000	193.00000	5.00000	19.00000	-0.30007	768.10E-6	2.0073	-0.30007	768.10E-6	0.0	
				6.0000	195.00000	5.00000	19.00000	0.0	0.0	1.6537	0.0	0.0	0.0	
				8.0000	197.00000	5.00000	19.00000	0.0	0.0	1.2834	0.0	0.0	0.0	
				10.000	199.00000	5.00000	19.00000	0.0	0.0	0.90066	0.0	0.0	0.0	
				12.000	201.00000	5.00000	19.00000	0.0	0.0	0.52262	0.0	0.0	0.0	
				14.000	203.00000	5.00000	19.00000	0.0	0.0	0.52357	0.0	0.0	0.0	
				16.000	205.00000	5.00000	19.00000	0.0	0.0	0.51931	0.0	0.0	0.0	
				18.000	207.00000	5.00000	19.00000	0.0	0.0	0.51120	0.0	0.0	0.0	
				20.000	209.00000	5.00000	19.00000	0.0	0.0	0.50029	0.0	0.0	0.0	
				22.000	211.00000	5.00000	19.00000	0.0	0.0	0.48740	0.0	0.0	0.0	
				24.000	213.00000	5.00000	19.00000	0.0	0.0	0.47313	0.0	0.0	0.0	
				26.000	215.00000	5.00000	19.00000	0.0	0.0	0.45797	0.0	0.0	0.0	
				28.000	217.00000	5.00000	19.00000	0.0	0.0	0.44230	0.0	0.0	0.0	
				30.000	219.00000	5.00000	19.00000	0.0	0.0	0.42639	0.0	0.0	0.0	
				32.000	221.00000	5.00000	19.00000	0.0	0.0	0.41046	0.0	0.0	0.0	
				34.000	223.00000	5.00000	19.00000	0.0	0.0	0.39469	0.0	0.0	0.0	
				36.000	225.00000	5.00000	19.00000	0.0	0.0	0.37918	0.0	0.0	0.0	
35	Hospital No.2_3			0.0	225.00000	5.00000	19.00000	0.0	0.0	0.37918	0.0	0.0	90.00	
				2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.38347	0.0	0.0	90.00	
				4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.38750	0.0	0.0	90.00	
				6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.39124	0.0	0.0	90.00	
				8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.39469	0.0	0.0	90.00	
				10.000	225.00000	15.00000	19.00000	0.0	0.0	0.39783	0.0	0.0	90.00	
				12.000	225.00000	17.00000	19.00000	0.0	0.0	0.40066	0.0	0.0	90.00	
				14.000	225.00000	19.00000	19.00000	0.0	0.0	0.40312	0.0	0.0	90.00	
				16.000	225.00000	21.00000	19.00000	0.0	0.0	0.40527	0.0	0.0	90.00	
				18.000	225.00000	23.00000	19.00000	0.0	0.0	0.40706	0.0	0.0	90.00	
				20.000	225.00000	25.00000	19.00000	0.0	0.0	0.40849	0.0	0.0	90.00	
				22.000	225.00000	27.00000	19.00000	0.0	0.0	0.40957	0.0	0.0	90.00	
				24.000	225.00000	29.00000	19.00000	0.0	0.0	0.41027	0.0	0.0	90.00	
				26.000	225.00000	31.00000	19.00000	0.0	0.0	0.41061	0.0	0.0	90.00	
				28.000	225.00000	33.00000	19.00000	0.0	0.0	0.41058	0.0	0.0	90.00	
				30.000	225.00000	35.00000	19.00000	0.0	0.0	0.41018	0.0	0.0	90.00	
				32.000	225.00000	37.00000	19.00000	0.0	0.0	0.40941	0.0	0.0	90.00	
36	Hospital No.2_4			0.0	225.00000	37.00000	19.00000	0.0	0.0	0.40941	0.0	0.0	180.00	
				2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.42671	0.0	0.0	180.00	
				4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.44433	0.0	0.0	180.00	
				6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.46213	0.0	0.0	180.00	
				8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.47994	0.0	0.0	180.00	
				10.000	215.00000	37.00000	19.00000	0.0	0.0	0.49750	0.0	0.0	180.00	
				12.000	213.00000	37.00000	19.00000	0.0	0.0	0.51451	0.0	0.0	180.00	
				14.000	211.00000	37.00000	19.00000	0.0	0.0	0.53056	0.0	0.0	180.00	
				16.000	209.00000	37.00000	19.00000	0.0	0.0	0.54513	0.0	0.0	180.00	
				18.000	207.00000	37.00000	19.00000	0.0	0.0	0.55755	0.0	0.0	180.00	
				20.000	205.00000	37.00000	19.00000	0.0	0.0	0.56697	0.0	0.0	180.00	
				22.000	203.00000	37.00000	19.00000	0.0	0.0	0.57228	0.0	0.0	180.00	
				24.000	201.00000	37								



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Oasys												Job No.	Sheet No.	Rev.
RSK ENVIRONMENT LIMITED												371654		
UBB, London												Drg. Ref.		
Building Damage Assessment												Made by	Date	Checked
PLOT A (Results) + PLOT B&C DEMO+WALL INST												MK	11-Aug-2020	
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]	[mm]	[°]	
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.33236	0.0	90.000 *	
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.32808	0.0	90.000 *	
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.32363	0.0	90.000 *	
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.31902	0.0	90.000 *	
					25.188	230.00000	71.18750	19.00000	0.0	0.0	0.31426	0.0	90.000 *	
					27.125	230.00000	73.12500	19.00000	0.0	0.0	0.30937	0.0	90.000 *	
					29.063	230.00000	75.06250	19.00000	0.0	0.0	0.30436	0.0	90.000 *	
					31.000	230.00000	77.00000	19.00000	0.0	0.0	0.29923	0.0	90.000 *	
	44		Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	0.29923	0.0	180.00 *	
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	0.31092	0.0	180.00 *	
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	0.32297	0.0	180.00 *	
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	0.33536	0.0	180.00 *	
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	0.34803	0.0	180.00 *	
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	0.36095	0.0	180.00 *	
					11.714	218.28571	77.00000	19.00000	0.0	0.0	0.37404	0.0	180.00 *	
					13.667	216.33333	77.00000	19.00000	0.0	0.0	0.38720	0.0	180.00 *	
					15.619	214.38095	77.00000	19.00000	0.0	0.0	0.40031	0.0	180.00 *	
					17.571	212.42857	77.00000	19.00000	0.0	0.0	0.41321	0.0	180.00 *	
					19.524	210.47619	77.00000	19.00000	0.0	0.0	0.42570	0.0	180.00 *	
					21.476	208.52381	77.00000	19.00000	0.0	0.0	0.43752	0.0	180.00 *	
					23.429	206.57143	77.00000	19.00000	0.0	0.0	0.44834	0.0	180.00 *	
					25.381	204.61905	77.00000	19.00000	0.0	0.0	0.45775	0.0	180.00 *	
					27.333	202.66667	77.00000	19.00000	0.0	0.0	0.46520	0.0	180.00 *	
					29.286	200.71429	77.00000	19.00000	0.0	0.0	0.47002	0.0	180.00 *	
					31.238	198.76190	77.00000	19.00000	0.0	0.0	0.47135	0.0	180.00 *	
					33.190	196.80952	77.00000	19.00000	0.0	0.0	0.46808	0.0	180.00 *	
					35.143	194.85714	77.00000	19.00000	0.0	0.0	0.46447	0.0	180.00 *	
					37.095	192.90476	77.00000	19.00000	0.0	0.0	0.46123	0.0	180.00 *	
					39.048	190.95238	77.00000	19.00000	0.0	0.0	0.45808	0.0	180.00 *	
					41.000	189.00000	77.00000	19.00000	-0.16814	-0.063943	1.8238	0.16814	0.063943 180.00 *	
	45		Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	-0.56321	0.0	358.75 *	
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	-0.59656	0.0	358.75 *	
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	-0.62986	0.0	358.75 *	
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	-0.66229	0.0	358.75 *	
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	-0.69271	0.0	358.75 *	
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	-0.71955	0.0	358.75 *	
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	-0.74069	0.0	358.75 *	
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	-0.75325	0.0	358.75 *	
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	-0.75329	0.0	358.75 *	
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	-0.73548	0.0	358.75 *	
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	-0.69249	0.0	358.75 *	
					22.005	-8.00000	11.52174	21.00000	0.56407	0.084968	-0.52627	0.56209	0.097207 358.75 *	
					24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	0.042136	1.1782	0.23422 358.75 *	
					26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	0.09493	1.7464	0.40971 358.75 *	
					28.007	-2.00000	11.39130	21.00000	2.4668	0.65090	2.0859	2.4521	0.70435 358.75 *	
					30.007	0.00000	11.34783	21.00000	3.1001	1.0758	3.5817	3.0759	1.1429 358.75 *	
					32.008	2.00000	11.30435	21.00000	3.4879	1.7373	5.3217	3.4494	1.8127 358.75 *	
					34.008	4.00000	11.26087	21.00000	3.3833	2.8393	7.2052	3.3208	2.9122 358.75 *	
					36.009	6.00000	11.21739	21.00000	2.3032	4.7164	9.1211	2.2001	4.7653 358.75 *	
					38.009	8.00000	11.17391	21.00000	87.034E-12	7.2962	10.856	-0.15858	7.2945 358.75 *	
					40.009	10.00000	11.13043	21.00000	0.0	7.2661	12.241	-0.15792	7.2644 358.75 *	
					42.010	12.00000	11.08696	21.00000	0.0	7.2361	13.015	-0.15727	7.2344 358.75 *	
					44.010	14.00000	11.04348	21.00000	0.0	7.2062	13.371	-0.15662	7.2045 358.75 *	
					46.011	16.00000	11.00000	21.00000	0.0	7.1763	13.515	-0.15597	7.1746 358.75 *	
					48.011	18.00000	10.95652	21.00000	0.0	7.1465	13.550	-0.15532	7.1448 358.75 *	
					50.012	20.00000	10.91304	21.00000	0.0	7.1167	13.525	-0.15467	7.1150 358.75 *	
					52.012	22.00000	10.86957	21.00000	0.0	7.0870	13.464	-0.15403	7.0854 358.75 *	
					54.013	24.00000	10.82609	21.00000	0.0	7.0574	13.378	-0.15339	7.0557 358.75 *	
					56.013	26.00000	10.78261	21.00000	0.0	7.0278	13.272	-0.15274	7.0262 358.75 *	
					58.014	28.00000	10.73913	21.00000	0.0	6.9983	13.149	-0.15210	6.9967 358.75 *	
					60.014	30.00000	10.69565	21.00000	0.0	6.9689	13.003	-0.15146	6.9672 358.75 *	
					62.015	32.00000	10.65217	21.00000	0.0	6.9395	12.830	-0.15082	6.9378 358.75 *	
					64.015	34.00000	10.60870	21.00000	0.0	6.9101	12.615	-0.15018	6.9085 358.75 *	
					66.016	36.00000	10.56522	21.00000	0.0	6.8809	12.339	-0.14955	6.8792 358.75 *	
					68.016	38.00000	10.52174	21.00000	0.0	6.8516	11.964	-0.14891	6.8500 358.75 *	
					70.017	40.00000	10.47826	21.00000	0.0	6.8225	11.432	-0.14828	6.8209 358.75 *	
					72.017	42.00000	10.43478	21.00000	0.0	6.7934	10.651	-0.14765	6.7918 358.75 *	
					74.017	44.00000	10.39130	21.00000	0.0	6.7643	9.8377	-0.14702	6.7627 358.75 *	
					76.018	46.00000	10.34783	21.00000	0.0	6.7352	8.9997	-0.14639	6.7336 358.75 *	
					78.018	48.00000	10.30435	21.00000	0.0	6.7061	8.1618	-0.14576	6.7045 358.75 *	
					80.019	50.00000	10.26087	21.00000	0.0	6.6770	7.3239	-0.14513	6.6754 358.75 *	
					82.019	52.00000	10.21739	21.00000	0.0	6.6479	6.4860	-0.14450	6.6454 358.75 *	
					84.020	54.00000	10.17391	21.00000	-1.3246	2.9419	3.4353	-1.3882	2.9124 358.75 *	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δyPerp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					6.0052	179.75000	84.00000	21.50000	-1.2740	-0.48449	2.9741	0.53711	-11.2527	267.61	*
					8.0069	179.66667	82.00000	21.50000	-1.4380	-0.54686	3.0416	0.60626	-1.4140	267.61	*
					10.009	179.58333	80.00000	21.50000	-1.6095	-0.61210	3.0750	0.67857	-1.5827	267.61	*
					12.010	179.50000	78.00000	21.50000	-1.7893	-0.68047	3.0630	0.75437	-1.7594	267.61	*
					14.012	179.41667	76.00000	21.50000	-1.9781	-0.75228	2.9926	0.83398	-1.9451	267.61	*
					16.014	179.33333	74.00000	21.50000	-2.1767	-0.82780	2.8570	0.91770	-2.1404	267.61	*
					18.016	179.25000	72.00000	21.50000	-2.3858	-0.90732	2.6805	1.0059	-2.3460	267.61	*
					20.017	179.16667	70.00000	21.50000	-2.6062	-0.99112	2.5568	1.0988	-2.5627	267.61	*
					22.019	179.08333	68.00000	21.50000	-2.8386	-1.0795	2.5978	1.1967	-2.7912	267.61	*
					24.021	179.00000	66.00000	21.50000	-3.0837	-1.1727	2.7860	1.3001	-3.0322	267.61	*
					26.023	178.91667	64.00000	21.50000	-3.3423	-1.2711	2.9901	1.4091	-3.2865	267.61	*
					28.024	178.83333	62.00000	21.50000	-3.6398	-1.3633	3.1135	1.3868	-3.5851	267.61	*
					30.026	178.75000	60.00000	21.50000	-3.9571	0.010129	3.0401	0.15462	-3.9541	267.61	*
					32.028	178.66667	58.00000	21.50000	-3.9874	0.010207	2.9391	0.15580	-3.9843	267.61	*
					34.030	178.58333	56.00000	21.50000	-4.0178	0.010285	2.9577	0.15699	-4.0148	267.61	*
					36.031	178.50000	54.00000	21.50000	-4.0484	0.010363	3.0793	0.15818	-4.0458	267.61	*
					38.033	178.41667	52.00000	21.50000	-4.0792	0.010442	3.1782	0.15939	-4.0761	267.61	*
					40.035	178.33333	50.00000	21.50000	-4.1101	0.010521	3.1642	0.16060	-4.1070	267.61	*
					42.036	178.25000	48.00000	21.50000	-4.1412	0.010601	3.0323	0.16181	-4.1381	267.61	*
					44.038	178.16667	46.00000	21.50000	-4.1725	0.010681	2.8894	0.16303	-4.1693	267.61	*
					46.040	178.08333	44.00000	21.50000	-4.2039	0.010761	2.8935	0.16426	-4.2007	267.61	*
					48.042	178.00000	42.00000	21.50000	-4.2355	0.010842	3.0260	0.16549	-4.2323	267.61	*
					50.043	177.91667	40.00000	21.50000	-4.2673	0.010923	3.1244	0.16674	-4.2640	267.61	*
					52.045	177.83333	38.00000	21.50000	-4.2992	0.011005	3.0802	0.16798	-4.2960	267.61	*
					54.047	177.75000	36.00000	21.50000	-4.3313	0.011087	2.8827	0.16924	-4.3280	267.61	*
					56.049	177.66667	34.00000	21.50000	-4.3636	0.011170	2.6736	0.17050	-4.3603	267.61	*
					58.050	177.58333	32.00000	21.50000	-4.3960	0.011253	2.7019	0.17177	-4.3927	267.61	*
					60.052	177.50000	30.00000	21.50000	-4.4286	0.011336	2.9150	0.17304	-4.4253	267.61	*
					62.054	177.41667	28.00000	21.50000	-4.4614	0.011420	3.0635	0.17432	-4.4580	267.61	*
					64.056	177.33333	26.00000	21.50000	-4.4944	0.011505	3.0225	0.17561	-4.4910	267.61	*
					66.057	177.25000	24.00000	21.50000	-4.5275	0.011589	2.7800	0.17690	-4.5241	267.61	*
					68.059	177.16667	22.00000	21.50000	-4.5608	0.011675	2.5149	0.17820	-4.5573	267.61	*
					70.061	177.08333	20.00000	21.50000	-4.5943	0.011760	2.5374	0.17951	-4.5908	267.61	*
					72.062	177.00000	18.00000	21.50000	-4.6279	0.011846	2.7862	0.18083	-4.6244	267.61	*
					74.064	176.91667	16.00000	21.50000	-4.6618	0.011933	2.9460	0.18215	-4.6582	267.61	*
					76.066	176.83333	14.00000	21.50000	-4.6958	0.012020	2.8617	0.18348	-4.6922	267.61	*
					78.068	176.75000	12.00000	21.50000	-4.7300	0.012108	2.4865	0.18481	-4.7264	267.61	*
					80.069	176.66667	10.00000	21.50000	-4.7643	0.012196	1.9867	0.18616	-4.7607	267.61	*
					82.071	176.58333	8.00000	21.50000	-4.7989	0.012284	2.0764	0.18751	-4.7952	267.61	*
					84.073	176.50000	6.00000	21.50000	-4.8336	0.012373	2.4895	0.18886	-4.8299	267.61	*
					86.075	176.41667	4.00000	21.50000	-4.8685	0.012462	2.6796	0.19023	-4.8648	267.61	*
					88.076	176.33333	2.00000	21.50000	-4.9036	0.012552	2.4389	0.19160	-4.8999	267.61	*
					90.078	176.25000	0.00000	21.50000	-4.9389	0.012642	1.4859	0.19298	-4.9351	267.61	*
					92.080	176.16667	-2.00000	21.50000	-4.9743	0.012733	0.49018	0.19436	-4.9705	267.61	*
					94.082	176.08333	-4.00000	21.50000	-5.0100	0.012824	0.77133	0.19575	-5.0061	267.61	*
					96.083	176.00000	-6.00000	21.50000	-5.0458	0.012916	2.2746	0.19715	-5.0419	267.61	*
					98.085	175.91667	-8.00000	21.50000	-5.0818	0.013008	3.4360	0.19856	-5.0779	267.61	*
					100.09	175.83333	-10.00000	21.50000					Point lies within an excavation.	*	
					102.09	175.75000	-12.00000	21.50000					Point lies within an excavation.	*	
					104.09	175.66667	-14.00000	21.50000					Point lies within an excavation.	*	
					106.09	175.58333	-16.00000	21.50000					Point lies within an excavation.	*	
					108.09	175.50000	-18.00000	21.50000					Point lies within an excavation.	*	
					110.10	175.41667	-20.00000	21.50000	-1.9821	4.0551	4.9851	-3.9691	-2.1492	267.61	*
					112.10	175.33333	-22.00000	21.50000	-1.6733	3.4232	4.7119	-3.3506	-1.8143	267.61	*
					114.10	175.25000	-24.00000	21.50000	-1.3992	2.8625	4.4172	-2.8017	-1.5171	267.61	*
					116.10	175.16667	-26.00000	21.50000	-1.1559	2.3649	4.1059	-2.3147	-1.2534	267.61	*
					118.10	175.08333	-28.00000	21.50000	-0.9364	1.9224	3.7818	-1.8816	-1.0189	267.61	*
					120.10	175.00000	-30.00000	21.50000	-0.74641	1.5270	3.4475	-1.4946	-0.80933	267.61	*
48		RW_1			0.0	0.00000	63.00000	22.00000	0.0	0.0	-0.59305	0.0	0.0	7.8831	*
					1.9885	1.96970	63.27273	22.00000	0.014164	-0.059564	-0.53891	0.0058611	-0.060944	7.8831	*
					3.9770	3.93939	63.54545	22.00000	0.019009	-0.13749	-0.48907	-28.7445-6	-0.13880	7.8831	*
					5.9655	5.90909	63.81818	22.00000	0.0078117	-0.14799	-0.45666	-0.012560	-0.14767	7.8831	*
					7.9540	7.87879	64.09091	22.00000	0.0	-0.074659	-0.44404	-0.010240	-0.073954	7.8831	*
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	-0.44435	0.0	0.0	7.8831	*
					11.931	11.81818	64.63636	22.00000	0.0	0.0	-0.43531	0.0	0.0	7.8831	*
					13.919	13.78788	64.90909	22.00000	0.0	0.0	-0.43511	0.0	0.0	7.8831	*
					15.908	15.75758	65.18182	22.00000	0.0	0.0	-0.44				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	ΔH//	ΔHperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					98.039	156.52830	107.13208	22.00000	0.0	0.0	0.51004	0.0	20.999
					100.04	158.39623	107.84906	22.00000	0.0	0.0	0.50111	0.0	20.999
					102.04	160.26415	108.56604	22.00000	0.0	0.0	0.49164	0.0	20.999
					104.04	162.13208	109.28302	22.00000	0.0	0.0	0.48170	0.0	20.999
					106.04	164.00000	110.00000	22.00000	0.0	0.0	0.47133	0.0	20.999
	50		canal wall L1		0.0	5.99000	50.78000	21.50000	1.1914	-5.4180	10.761	1.2394	-5.4072
					2.0944	8.08429	50.76143	21.50000	0.0	-6.7736	13.114	0.060063	-6.7733
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	14.122	0.060173	-6.7857
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	14.716	0.060284	-6.7981
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	15.830	0.060394	-6.8106
					10.472	16.46143	50.68714	21.50000	-179.27E-12	-6.8233	16.047	0.060504	-6.8230
					12.566	18.55571	50.66857	21.50000	-0.25825	-6.8236	15.269	-0.19773	-6.8256
					14.661	20.65000	50.65000	21.50000	-0.53995	-6.7202	15.522	-0.46034	-6.7246
					0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.522	0.41602	-6.7274
	51		canal wall L2		2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	15.773	0.42122	-6.8116
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	15.244	0.42646	-6.8963
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	15.955	0.43172	-6.9814
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	16.002	0.43702	-7.0670
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	15.544	0.44234	-7.1531
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	15.896	0.44770	-7.2397
					14.317	34.82889	48.66667	21.50000	-0.56628	-7.3190	15.717	0.45309	-7.3269
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	15.064	0.45851	-7.4145
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.579	0.46396	-7.5027
	52		canal wall L3		0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.579	-1.0488	-7.4435
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2955	14.345	-1.0209	-7.2458
					4.1056	42.97750	48.35750	21.50000	-0.5702	-5.8482	11.562	-0.50355	-5.8281
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	8.9146	-0.40249	-5.0841
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	6.9293	-0.33341	-4.5672
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	5.6020	-0.29113	-4.2404
					12.317	51.17250	48.87250	21.50000	-0.011284	-4.0299	3.9750	-0.26402	-4.0213
					14.370	53.22125	48.00125	21.50000	-1.2984	-2.8096	3.0571	-1.4720	-2.7221
					16.422	55.27000	49.13000	21.50000	-1.9790	-1.8105	1.5546	-2.0887	-1.6828
	53		canal wall L4		0.0	55.27000	49.13000	21.50000	-1.9790	-1.8105	1.5546	-2.4900	-0.99726
					1.9865	57.12918	49.82984	21.50000	-1.7676	-1.2335	-0.24801	-2.0889	-0.53168
					3.9731	58.98936	50.52967	21.50000	-1.3235	-0.80636	-1.7334	-1.5228	-0.28840
					5.9596	60.84787	51.22951	21.50000	-0.76035	-0.46113	-2.7617	-0.87405	-0.16371
					7.9461	62.70672	51.92934	21.50000	-0.27874	-0.16461	-3.3632	-0.31886	-0.055875
					9.9327	64.56590	52.62918	21.50000	-191.46E-12	-113.06E-12	-3.7222	-219.02E-12	-38.366E-12
					11.919	66.42508	53.32902	21.50000	0.0	0.0	-3.7934	0.0	0.0
					13.906	68.28426	54.02885	21.50000	0.0	0.0	-3.8255	0.0	0.0
					15.892	70.14344	54.72869	21.50000	0.0	0.0	-3.9239	0.0	0.0
					17.879	72.00262	55.42852	21.50000	0.0	0.0	-4.0175	0.0	0.0
					19.865	73.86180	56.12836	21.50000	0.0	0.0	-3.9664	0.0	0.0
					21.852	75.72098	56.82820	21.50000	0.0	0.0	-3.7729	0.0	0.0
					23.838	77.58016	57.52803	21.50000	0.0	0.0	-3.5608	0.0	0.0
					25.825	79.43934	58.22787	21.50000	0.0	0.0	-3.4432	0.0	0.0
					27.811	81.29852	58.92770	21.50000	0.0	0.0	-3.4391	0.0	0.0
					29.798	83.15770	59.62754	21.50000	0.0	0.0	-3.4645	0.0	0.0
					31.785	85.01689	60.32738	21.50000	0.0	0.0	-3.4014	0.0	0.0
					33.771	86.87607	61.02721	21.50000	0.0	0.0	-3.2329	0.0	0.0
					35.758	88.73525	61.72705	21.50000	0.0	0.0	-3.0657	0.0	0.0
					37.744	90.59443	62.42689	21.50000	0.0	0.0	-3.0107	0.0	0.0
					39.731	92.45361	63.12672	21.50000	0.0	0.0	-3.1012	0.0	0.0
					41.717	94.31279	63.82656	21.50000	0.0	0.0	-3.2780	0.0	0.0
					43.704	96.17197	64.52639	21.50000	0.0	0.0	-3.4287	0.0	0.0
					45.690	98.03115	65.22623	21.50000	0.0	0.0	-3.4764	0.0	0.0
					47.677	99.89033	65.92607	21.50000	0.90577	-2.3533	0.21424	0.018653	-2.5215
					49.663	101.74951	66.62590	21.50000	0.90729	-2.3573	0.42207	0.018664	-2.5258
					51.650	103.60869	67.32574	21.50000	0.90882	-2.3612	0.68337	0.018716	-2.5300
					53.636	105.46787	68.02557	21.50000	0.91035	-2.3652	0.92052	0.018747	-2.5343
					55.623	107.32705	68.72541	21.50000	0.91188	-2.3692	1.1093	0.018779	-2.5385
					57.610	109.18623	69.42525	21.50000	0.91341	-2.3732	1.2786	0.018810	-2.5428
					59.596	111.04541	70.12508	21.50000	0.91495	-2.3772	1.4637	0.018842	-2.5471
					61.583	112.90459	70.82492	21.50000	0.91648	-2.3811	1.6603	0.018873	-2.5514
					63.569	114.76377	71.52475	21.50000	0.91802	-2.3851	1.8322	0.018905	-2.5556
					65.556	116.62295	72.22459	21.50000	0.91956	-2.3891	1.9499	0.018937	-2.5599
					67.542	118.48213	72.92443	21.50000	0.92110	-2.3931	2.0138	0.018969	-2.5642
					69.529	120.34131	73.62426	21.50000	0.92264	-2.3971	2.0567	0.019000	-2.5685
					71.515	122.20049	74.32410	21.50000	0.92418	-2.4011	2.1230	0.019032	-2.5728
					73.502	124.05967	75.02393	21.50000	0.92572	-2.4052	2.2242	0.019064	-2.5771
					75.488	125.91885	75.72377	21.50000	0.92727	-2.4092	2.3286	0.019096	-2.5814
					77.475	127.77803	76.42361	21.50000	0.92882	-2.4132	2.4005	0.019128	-2.5857
					79.461	129.63721	77.12344	21.50000	0.93037	-2.4172	2.4315	0.019159	-2.5900
					81.448	131.49639	77.82328	21.50000	0.93192	-2.4212	2.4453	0.019191	-2.5943
					83.434	133.35557	78.52311	21.50000	0.93347	-2.4253	2.4868	0.019223	-2.5986
					85.421	135.21475	79.22295	21.50000	0.93502	-2.4293	2.5873	0.019255	-2.6030
					87.408	137.07393	79.92279	21.50000	0.93658	-2.4334	2.7338	0.019287	-2.6073
					89.394	138.93311	80.62262	21.50000	0.93813	-2.4374	2.8899	0.019319	-2.6116
					91.381	140.79230	81.32246	21.50000	0.93969	-2.4414	3.0316	0.019351	-2.6160
					93.367	142.65148	82.02230	21.50000	0.94125	-2.4455	3.1550	0.019384	-2.6203
					95.354	144.51066	82.72213	21.50000	0.94281	-2.4496	3.2662	0.019416	-2.6247
					97.340	146.36984	83.42197	21.50000	0.				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist	x	y	z	Δx	Δy	Δz	Δr
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]
3	Canal Side Studios_3	Canal Side Studios_3	Canal Side Studios_3	Canal Side Studios_3	18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0
					3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0
					5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0
					7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0
					9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0
					11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0
					13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0
					15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0
					17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0
					19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0
					21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0
					23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0
					25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0
4	Canal Side Studios_4	Canal Side Studios_4	Canal Side Studios_4	27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0	
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0	
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0	
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0	
				35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	
				0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0	
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	0.0017685	60.569E-6	
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.73877	0.027827	
				8.0000	-6.00000	14.00000	22.00000	1.4652	0.061841	1.4652	0.061841	
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	2.1897	0.10522	
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	3.2402	0.18309	
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.2827	0.29736	
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.3100	0.48657	
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	6.2339	0.86336	
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491	
5	Beaumont Court_1	Beaumont Court_1	Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972	
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133	
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.072435	-1.3038	
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.074746	-1.3454	
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.077057	-1.3870	
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.079368	-1.4286	
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.081680	-1.4702	
				14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.083991	-1.5118	
				16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.086302	-1.5534	
				18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.088613	-1.5950	
				0.0	27.00000	1.00000	20.00000	0.0	1.5975	-1.5909	-0.14463	
				1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.90626	-0.082388	
				3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.22159	-0.020144	
				5.5227	26.50000	-4.50000	20.00000	0.0	0.0	0.0	0.0	
				7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0	0.0	
				9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0	0.0	
6	Beaumont Court_2	Beaumont Court_2	Beaumont Court_2	11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0	
				1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0	
				3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0	
				5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0	
				7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0	
				9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0	0.0	
				11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0	0.0	
				13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0	
				15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0	
				17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0	
7	Beaumont Court_3	Beaumont Court_3	Beaumont Court_3	19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0	
				21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0	
				23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0	0.0	
				25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0	0.0	
				27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0	0.0	
				29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0	0.0	
				31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0	0.0	
				33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0	0.0	
				35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0	0.0	
				37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0	0.0	
				39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0	
				41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0	0.0	
				43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0	0.0	
				45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0	0.0	
				47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0	0.0	
				49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0	0.0	
8	Beaumont Court_4	Beaumont Court_4	Beaumont Court_4	51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0	
				53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0	
				55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0	0.0	
				57.273	28.46875	-67.09375	20.00000	0.0	0.0	0.0	0.0	
				59.248	28.31250	-69.06250	20.00000	0.0	0.0	0.0	0.0	
				61.223	28.15625	-71.03125	20.00000	0.0	0.0	0.0	0.0	
				63.198	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0	
				0.0	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0	
				2.0069	30.00000	-73.16667	20.00000	0.0	0.0	0.0	0.0	
				4.0139	32.00000	-73.33333	20.00000	0.0	0.0	0.0	0.0	
				6.0208	34.00000	-73.50000	20.00000	0.0	0.0	0.0	0.0	
				8.0277	36.00000	-73.66667	20.00000	0.0	0.0	0.0	0.0	
				10.035	38.00000	-73.83333	20.00000	0.0	0.0	0.0	0.0	
				12.042	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0	
				0.0	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0	
				2.0046	40.13514	-72.00000	20.00000	0.0	0.0	0.0	0.0	
9	Beaumont Court_5	Beaumont Court_5	Beaumont Court_5	4.0091	40.27027	-70.00000	20.00000	0.0	0.0	0.0	0.0	
				6.0137	40.40541	-68.00000	20.00000	0.0	0.0	0.0	0.0	
				8.0182	40.54054	-66.00000	20.00000	0.0	0.0	0.0	0.0	
				10.023	40.67568	-64.00000	20.00000	0.0	0.0	0.0	0.0	
				12.027	40.81081	-62.00000	20.00000	0.0	0.0	0.0	0.0	
				14.032	40.94595	-60.00000	20.00000	0.0	0.0	0.0	0.0	
				16.036	41.08108	-58.00000	20.00000	0.0	0.0	0.0	0.0	
				18.041	41.21622	-56.00000	20.00000	0.0	0.0	0.0	0.0	
				20.046	41.35135	-54.00000	20.00000	0.0	0.0	0.0	0.0	
				22.050	41.48649	-52.00000	20.00000	0.0	0.0	0.0	0.0	
				24.055	41.62162	-50.00000	20.00000	0.0	0.0	0.0	0.0	
				26.059	41.75676	-48.00000	20.00000	0.0	0.0	0.0	0.0	
				28.064	41.89189	-46.00000	20.00000	0.0	0.0	0.0	0.0	
				30.068	42.02703	-44.00000	20.00000	0.0	0.0	0.0	0.0	
				32.073	42.16216	-42.00000	20.00000					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	Δr _{perp}
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						3.7268	84.33333	-14.33333	20.00000	0.0	0.0	0.0	0.0 d
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0 d
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0 d
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0 d
						11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0 d
	13	TP No.1_3		TP No.1_3		2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0 d
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0 d
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0 d
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0 d
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0 d
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0 d
						14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0 d
	14	TP No.1_4		TP No.1_4		2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0 d
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0 d
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0 d
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0 d
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0 d
	15	TP No.1_5		TP No.1_5		1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0 d
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0 d
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0 d
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0 d
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0 d
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0 d
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0 d
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0 d
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0 d
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0 d
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0 d
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0 d
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0 d
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0 d
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0 d
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0 d
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0 d
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0 d
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0 d
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0 d
						41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0 d
	16	TP No.1_6		TP No.1_6		2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	106.00000	-34.00000	20.00000	0.0	0.0	0.0	0.0 d
	17	TP No.1_7		TP No.1_7		2.0691	104.12500	-33.12500	20.00000	0.0	0.0	0.0	0.0 d
						4.1382	102.25000	-32.25000	20.00000	0.0	0.0	0.0	0.0 d
						6.2074	100.37500	-31.37500	20.00000	0.0	0.0	0.0	0.0 d
						8.2765	98.50000	-30.50000	20.00000	0.0	0.0	0.0	0.0 d
						10.346	96.62500	-29.62500	20.00000	0.0	0.0	0.0	0.0 d
						12.415	94.75000	-28.75000	20.00000	0.0	0.0	0.0	0.0 d
						14.484	92.87500	-27.87500	20.00000	0.0	0.0	0.0	0.0 d
						16.553	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						0.0	91.00000	-27.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0138	91.83333	-25.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.0277	92.66667	-23.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.0415	93.50000	-21.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.0554	94.33333	-19.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.069	95.16667	-17.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.083	96.00000	-16.00000	20.00000	0.0041426	0.010251	0.011047	470.7656 d
						0.0	148.00000	-41.00000	20.00000	0.0	0.0	0.0	0.0 d
	19	TP No.2_1		TP No.2_1		1.9906	146.20000	-40.15000	20.00000	0.0	0.0	0.0	0.0 d
						3.9812	144.40000	-39.30000	20.00000	0.0	0.0	0.0	0.0 d
						5.9718	142.60000	-38.45000	20.00000	0.0	0.0	0.0	0.0 d
						7.9624	140.80000	-37.60000	20.00000	0.0	0.0	0.0	0.0 d
						9.9530	139.00000	-36.75000	20.00000	0.0	0.0	0.0	0.0 d
						11.944	137.20000	-35.90000	20.00000	0.0	0.0	0.0	0.0 d
						13.934	135.40000	-35.05000	20.00000	0.0	0.0	0.0	0.0 d
						15.925	133.60000	-34.20000	20.00000	0.0	0.0	0.0	0.0 d
						17.915	131.80000	-33.35000	20.00000	0.0	0.0	0.0	0.0 d
						19.906	130.00000	-32.50000	20.00000	0.0	0.0	0.0	0.0 d
						21.897	128.20000	-31.65000	20.00000	0.0	0.0	0.0	0.0 d
						23.887	126.40000	-30.80000	20.00000	0.0	0.0	0.0	0.0 d
						25.878	124.60000	-29.95000	20.00000	0.0	0.0	0.0	0.0 d
						27.868	122.80000	-29.10000	20.00000	0.0	0.0	0.0	0.0 d
						29.859	121.00000	-28.25000	20.00000	0.0	0.0	0.0	0.0 d
						31.850	119.20000	-27.40000	20.00000	0.0	0.0	0.0	0.0 d
						33.840	117.40000	-26.55000	20.00000	0.0	0.0	0.0	0.0 d
						35.831	115.60000	-25.70000	20.00000	0.0	0.0	0.0	0.0 d
						37.821	113.80000	-24.85000	20.00000	0.0	0.0	0.0	0.0 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Make by MK	Date 11-Aug-2020	Checked

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]
					44.871	159.520000	-35.640000	20.000000	0.39098	0.96753	0.064728	-1.0415 d
					46.911	157.680000	-34.760000	20.000000	0.40058	0.99127	0.066317	-1.0671 d
					48.951	155.840000	-33.880000	20.000000	0.41023	1.0152	0.067914	-1.0928 d
					50.990	154.000000	-33.000000	20.000000	0.41993	1.0392	0.069521	-1.1187 d
24		TP No.3_2		TP No.3_2	0.0	154.000000	-33.000000	20.000000	0.41993	1.0392	-1.1173	-0.089133 d
					1.9166	153.14286	-34.71429	20.000000	0.27887	0.69010	-0.74196	-0.359192 d
					3.8333	152.28571	-36.42857	20.000000	0.14692	0.36356	-0.39088	-0.031184 d
					5.7499	151.42857	-38.14286	20.000000	0.019806	0.049011	-0.052695	-0.0042039 d
					7.6665	150.57143	-39.85714	20.000000	0.0	0.0	0.0	0.0 d
					9.5833	149.71429	-41.57143	20.000000	0.0	0.0	0.0	0.0 d
					11.500	148.85714	-43.28571	20.000000	0.0	0.0	0.0	0.0 d
					13.416	148.000000	-45.000000	20.000000	0.0	0.0	0.0	0.0 d
25		TP No.3_3		TP No.3_3	0.0	148.000000	-45.000000	20.000000	0.0	0.0	0.0	0.0 d
					2.0227	149.840000	-45.840000	20.000000	0.0	0.0	0.0	0.0 d
					4.0453	151.680000	-46.680000	20.000000	0.0	0.0	0.0	0.0 d
					6.0680	153.520000	-47.520000	20.000000	0.0	0.0	0.0	0.0 d
					8.0907	155.360000	-48.360000	20.000000	0.0	0.0	0.0	0.0 d
					10.113	157.200000	-49.200000	20.000000	0.0	0.0	0.0	0.0 d
					12.136	159.040000	-50.040000	20.000000	0.0	0.0	0.0	0.0 d
					14.159	160.880000	-50.880000	20.000000	0.0	0.0	0.0	0.0 d
					16.181	162.720000	-51.720000	20.000000	0.0	0.0	0.0	0.0 d
					18.204	164.560000	-52.560000	20.000000	0.0	0.0	0.0	0.0 d
					20.227	166.400000	-53.400000	20.000000	0.0	0.0	0.0	0.0 d
					22.249	168.240000	-54.240000	20.000000	0.0	0.0	0.0	0.0 d
					24.272	170.080000	-55.080000	20.000000	0.0	0.0	0.0	0.0 d
					26.295	171.920000	-55.920000	20.000000	0.0	0.0	0.0	0.0 d
					28.317	173.760000	-56.760000	20.000000	0.0	0.0	0.0	0.0 d
					30.340	175.600000	-57.600000	20.000000	0.0	0.0	0.0	0.0 d
					32.363	177.440000	-58.440000	20.000000	0.0	0.0	0.0	0.0 d
					34.385	179.280000	-59.280000	20.000000	0.0	0.0	0.0	0.0 d
					36.408	181.120000	-60.120000	20.000000	0.0	0.0	0.0	0.0 d
					38.431	182.960000	-60.960000	20.000000	0.0	0.0	0.0	0.0 d
					40.453	184.800000	-61.800000	20.000000	0.0	0.0	0.0	0.0 d
					42.476	186.640000	-62.640000	20.000000	0.0	0.0	0.0	0.0 d
					44.499	188.480000	-63.480000	20.000000	0.0	0.0	0.0	0.0 d
					46.521	190.320000	-64.320000	20.000000	0.0	0.0	0.0	0.0 d
					48.544	192.160000	-65.160000	20.000000	0.0	0.0	0.0	0.0 d
26		TP No.3_4		TP No.3_4	50.567	194.000000	-66.000000	20.000000	0.0	0.0	0.0	0.0 d
					0.0	194.000000	-66.000000	20.000000	0.0	0.0	0.0	0.0 d
					2.0883	195.000000	-66.16667	20.000000	0.0	0.0	0.0	0.0 d
					4.1767	196.000000	-66.33333	20.000000	0.0	0.0	0.0	0.0 d
					6.2650	197.000000	-66.50000	20.000000	0.0	0.0	0.0	0.0 d
					8.3533	198.000000	-66.66667	20.000000	0.0	0.0	0.0	0.0 d
					10.442	199.000000	-66.83333	20.000000	0.0	0.0	0.0	0.0 d
					12.530	200.000000	-67.00000	20.000000	0.0	0.0	0.0	0.0 d
27		Hospital No.1_1		Hospital No.1_1	0.0	189.000000	-19.000000	19.000000	-1.0116	0.043266	-0.043266	-1.0116 d
					2.0000	189.000000	-21.00000	19.000000	-0.88793	0.15990	-0.15990	-0.88793 d
					4.0000	189.000000	-23.00000	19.000000	-0.73004	0.24267	-0.24267	-0.73004 d
					6.0000	189.000000	-25.00000	19.000000	-0.55700	0.27600	-0.27600	-0.55700 d
					8.0000	189.000000	-27.00000	19.000000	-0.38268	0.25438	-0.25438	-0.38268 d
					10.0000	189.000000	-29.00000	19.000000	-0.21483	0.17957	-0.17957	-0.21483 d
					12.0000	189.000000	-31.00000	19.000000	-0.056130	0.056446	-0.056446	-0.056130 d
28		Hospital No.1_2		Hospital No.1_2	0.0	189.000000	-31.00000	19.000000	-0.056130	0.056446	-0.056130	0.056446 d
					1.9474	190.94737	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					3.8947	192.89474	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					5.8421	194.84211	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					7.7895	196.78947	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					9.7368	198.73684	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					11.684	200.68421	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					13.632	202.63158	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					15.579	204.57895	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					17.526	206.52632	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					19.474	208.47368	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					21.421	210.42105	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					23.368	212.36842	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					25.316	214.31579	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					27.263	216.26316	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					29.211	218.21053	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					31.158	220.15789	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					33.105	222.10526	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					35.053	224.05263	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					37.000	226.00000	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
29		Hospital No.1_3		Hospital No.1_3	0.0	226.000000	-31.00000	19.000000	0.0	0.0	0.0	0.0 d
					2.0000	226.000000	-29.00000	19.000000	0.0	0.0	0.0	0.0 d
					4.0000	226.000000	-27.00000	19.000000	0.0	0.0	0.0	0.0 d
					6.0000	226.000000	-25.00000	19.000000	0.0	0.0	0.0	0.0 d
					8.0000	226.000000	-23.00000	19.000000	0.0	0.0	0.0	0.0 d
					10.0000	226.000000	-21.00000	19.000000	0.0	0.0	0.0	0.0 d
					12.0000	226.000000	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
					14.0000	226.000000	-17.00000	19.000000	0.0	0.0	0.0	0.0 d
					16.0000	226.000000	-15.00000	19.000000	0.0	0.0	0.0	0.0 d
					18.0000	226.000000	-13.00000	19.000000	0.0	0.0	0.0	0.0 d
					20.0000	226.000000	-11.00000	19.000000	0.0	0.0	0.0	0.0 d
					22.0000	226.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
30		Hospital No.1_4		Hospital No.1_4	0.0	226.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					2.0000	224.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					4.0000	222.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					6.0000	220.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					8.0000	218.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					10.0000	216.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					12.0000	214.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					14.0000	212.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
31		Hospital No.1_5		Hospital No.1_5	0.0	212.000000	-9.000000	19.000000	0.0	0.0	0.0	0.0 d
					2.0000	212.000000	-11.00000	19.000000	0.0	0.0	0.0	0.0 d
					4.0000	212.000000	-13.00000	19.000000	0.0	0.0	0.0	0.0 d
					6.0000	212.000000	-15.00000	19.000000	0.0	0.0	0.0	0.0 d
					8.0000	212.000000	-17.00000	19.000000	0.0	0.0	0.0	0.0 d
					10.0000	212.000000	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
32		Hospital No.1_6		Hospital No.1_6	0.0	212.000000	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
					1.9167	210.08333	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
					3.8333	208.16667	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
					5.7500	206.25000	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
					7.6667	204.33333	-19.00000	19.000000	0.0	0.0	0.0	0.0 d
					9.5833	202.41667	-19.00000	19.000000	0.0	0.0	0.0	0.0



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UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						26.000	215.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						28.000	217.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						30.000	219.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						32.000	221.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						34.000	223.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						36.000	225.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
	35		Hospital No.2_3	Hospital No.2_3		0.0	225.00000	5.00000	19.00000	0.0	0.0	0.0	0.0
						2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.0	0.0
						4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.0	0.0
						6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0	0.0
						8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0	0.0
						10.000	225.00000	15.00000	19.00000	0.0	0.0	0.0	0.0
						12.000	225.00000	17.00000	19.00000	0.0	0.0	0.0	0.0
						14.000	225.00000	19.00000	19.00000	0.0	0.0	0.0	0.0
						16.000	225.00000	21.00000	19.00000	0.0	0.0	0.0	0.0
						18.000	225.00000	23.00000	19.00000	0.0	0.0	0.0	0.0
						20.000	225.00000	25.00000	19.00000	0.0	0.0	0.0	0.0
						22.000	225.00000	27.00000	19.00000	0.0	0.0	0.0	0.0
						24.000	225.00000	29.00000	19.00000	0.0	0.0	0.0	0.0
						26.000	225.00000	31.00000	19.00000	0.0	0.0	0.0	0.0
						28.000	225.00000	33.00000	19.00000	0.0	0.0	0.0	0.0
						30.000	225.00000	35.00000	19.00000	0.0	0.0	0.0	0.0
						32.000	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
	36		Hospital No.2_4	Hospital No.2_4		0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						10.000	215.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						12.000	213.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						14.000	211.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						16.000	209.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						18.000	207.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						20.000	205.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						22.000	203.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						24.000	201.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						26.000	199.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						28.000	197.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						30.000	195.00000	37.00000	19.00000	0.0	0.0	0.0	0.0
						32.000	193.00000	37.00000	19.00000	-0.31469	805.52E-6	0.31469	-805.52E-6
						34.000	191.00000	37.00000	19.00000	-0.67970	0.0017399	0.67970	-0.0017399
						36.000	189.00000	37.00000	19.00000	-1.0691	0.0027367	1.0691	-0.0027367
	37		Hospital No.3_1	Hospital No.3_1		0.0	189.00000	77.00000	19.00000	-0.16814	-0.063943	0.063943	-0.16814
						1.9375	189.00000	75.06250	19.00000	-0.28245	-0.10742	0.10742	-0.28245
						3.8750	189.00000	73.12500	19.00000	-0.39797	-0.15135	0.15135	-0.39797
						5.8125	189.00000	71.18750	19.00000	-0.51520	-0.19593	0.19593	-0.51520
						7.7500	189.00000	69.25000	19.00000	-0.63463	-0.24135	0.24135	-0.63463
						9.6875	189.00000	67.31250	19.00000	-0.75676	-0.28779	0.28779	-0.75676
						11.625	189.00000	65.37500	19.00000	-0.88690	-0.29638	0.29638	-0.88690
						13.563	189.00000	63.43750	19.00000	-1.0038	-0.18429	0.18429	-1.0038
						15.500	189.00000	61.50000	19.00000	-1.0732	-0.035541	0.035541	-1.0732
						17.438	189.00000	59.56250	19.00000	-1.0809	0.0027667	-0.0027667	-1.0809
						19.375	189.00000	57.62500	19.00000	-1.0799	0.0027642	-0.0027642	-1.0799
						21.313	189.00000	55.68750	19.00000	-1.0788	0.0027616	-0.0027616	-1.0788
						23.250	189.00000	53.75000	19.00000	-1.0778	0.0027590	-0.0027590	-1.0778
						25.188	189.00000	51.81250	19.00000	-1.0768	0.0027564	-0.0027564	-1.0768
						27.125	189.00000	49.87500	19.00000	-1.0758	0.0027538	-0.0027538	-1.0758
						29.063	189.00000	47.93750	19.00000	-1.0748	0.0027513	-0.0027513	-1.0748
						31.000	189.00000	46.00000	19.00000	-1.0738	0.0027487	-0.0027487	-1.0738
	38		Hospital No.3_2	Hospital No.3_2		0.0	189.00000	46.00000	19.00000	-1.0738	0.0027487	-1.0738	0.0027487
						1.8000	190.80000	46.00000	19.00000	-0.72168	0.0018473	-0.72168	0.0018473
						3.6000	192.60000	46.00000	19.00000	-0.39051	999.61E-6	-0.39051	999.61E-6
						5.4000	194.40000	46.00000	19.00000	-0.070762	181.13E-6	-0.070762	181.13E-6
						7.2000	196.20000	46.00000	19.00000	0.0	0.0	0.0	0.0
						9.0000	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
	39		Hospital No.3_3	Hospital No.3_3		0.0	198.00000	46.00000	19.00000	0.0	0.0	0.0	0.0
						1.8000	198.00000	47.80000	19.00000	0.0	0.0	0.0	0.0
						3.6000	198.00000	49.60000	19.00000	0.0	0.0	0.0	0.0
						5.4000	198.00000	51.40000	19.00000	0.0	0.0	0.0	0.0
						7.2000	198.00000	53.20000	19.00000	0.0	0.0	0.0	0.0
						9.0000	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
	40		Hospital No.3_4	Hospital No.3_4		0.0	198.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						2.0000	200.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						4.0000	202.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						6.0000	204.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						8.0000	206.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						10.000	208.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						12.000	210.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						14.000	212.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						16.000	214.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						18.000	216.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						20.000	218.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						22.000	220.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						24.000	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
	41		Hospital No.3_5	Hospital No.3_5		0.0	222.00000	55.00000	19.00000	0.0	0.0	0.0	0.0
						1.8000	222.00000	53.20000	19.00000	0.0	0.0	0.0	0.0
						3.6000	222.00000	51.40000	19.00000	0.0	0.0	0.0	0.0
						5.4000	222.00000	49.60000	19.00000	0.0	0.0		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

	Ref.				[m]	[m]	[m]	[m]	[mm]			
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000	22.00000	15.011	d	
						1.9444	6.00000	15.94444	22.00000	17.190	d	
						3.8889	6.00000	17.88889	22.00000	17.926	d	
						5.8333	6.00000	19.83333	22.00000	18.583	d	
						7.7778	6.00000	21.77778	22.00000	19.610	d	
						9.7222	6.00000	23.72222	22.00000	21.291	d	
						11.667	6.00000	25.66667	22.00000	23.002	d	
						13.611	6.00000	27.61111	22.00000	23.852	d	
						15.556	6.00000	29.55556	22.00000	23.998	d	
						17.500	6.00000	31.50000	22.00000	23.589	d	
						19.444	6.00000	33.44444	22.00000	22.562	d	
						21.389	6.00000	35.38889	22.00000	21.419	d	
						23.333	6.00000	37.33333	22.00000	20.552	d	
						25.278	6.00000	39.27778	22.00000	20.155	d	
						27.222	6.00000	41.22222	22.00000	20.146	d	
						29.167	6.00000	43.16667	22.00000	20.531	d	
						31.111	6.00000	45.11111	22.00000	21.358	d	
						33.056	6.00000	47.05556	22.00000	20.914	d	
						35.000	6.00000	49.00000	22.00000	14.433	d	
	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	14.433	22.00000	10.554	d
						2.0000	4.00000	49.00000	22.00000	7.2311	d	
						4.0000	2.00000	49.00000	22.00000	4.8506	d	
						6.0000	0.00000	49.00000	22.00000	2.9965	d	
						8.0000	-2.00000	49.00000	22.00000	1.5574	d	
						10.000	-4.00000	49.00000	22.00000	0.50714	d	
						12.000	-6.00000	49.00000	22.00000	-0.23129	d	
						14.000	-8.00000	49.00000	22.00000	-0.61477	d	
						16.000	-10.00000	49.00000	22.00000	-0.71317	d	
						18.000	-12.00000	49.00000	22.00000	-0.74319	d	
						20.000	-14.00000	49.00000	22.00000	-0.74319	d	
						0.0	-14.00000	49.00000	22.00000	-0.74319	d	
						1.9444	-14.00000	47.05556	22.00000	-0.74855	d	
						3.8889	-14.00000	45.11111	22.00000	-0.75343	d	
						5.8333	-14.00000	43.16667	22.00000	-0.75795	d	
						7.7778	-14.00000	41.22222	22.00000	-0.76213	d	
						9.7222	-14.00000	39.27778	22.00000	-0.76584	d	
						11.667	-14.00000	37.33333	22.00000	-0.76893	d	
						13.611	-14.00000	35.38889	22.00000	-0.77130	d	
						15.556	-14.00000	33.44444	22.00000	-0.77289	d	
						17.500	-14.00000	31.50000	22.00000	-0.77375	d	
						19.444	-14.00000	29.55556	22.00000	-0.77397	d	
						21.389	-14.00000	27.61111	22.00000	-0.77367	d	
						23.333	-14.00000	25.66667	22.00000	-0.77295	d	
						25.278	-14.00000	23.72222	22.00000	-0.77189	d	
						27.222	-14.00000	21.77778	22.00000	-0.77050	d	
						29.167	-14.00000	19.83333	22.00000	-0.76873	d	
						31.111	-14.00000	17.88889	22.00000	-0.76648	d	
						33.056	-14.00000	15.94444	22.00000	-0.76356	d	
						35.000	-14.00000	14.00000	22.00000	-0.75969	d	
	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	-0.75969	22.00000	-0.73249	d
						2.0000	-12.00000	14.00000	22.00000	-0.66981	d	
						4.0000	-10.00000	14.00000	22.00000	-0.47071	d	
						6.0000	-8.00000	14.00000	22.00000	0.23217	d	
						8.0000	-6.00000	14.00000	22.00000	1.2296	d	
						10.000	-4.00000	14.00000	22.00000	2.6181	d	
						12.000	-2.00000	14.00000	22.00000	4.4176	d	
						14.000	0.00000	14.00000	22.00000	6.6167	d	
						16.000	2.00000	14.00000	22.00000	9.3400	d	
						18.000	4.00000	14.00000	22.00000	15.011	d	
	5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	-0.0017964	20.00000	0.15055	d
						2.0031	43.00000	0.11111	20.00000	0.39197	d	
						4.0062	41.00000	0.22222	20.00000	0.48392	d	
						6.0093	39.00000	0.33333	20.00000	0.56952	d	
						8.0123	37.00000	0.44444	20.00000	0.64790	d	
						10.015	35.00000	0.55556	20.00000	0.71933	d	
						12.019	33.00000	0.66667	20.00000	0.78470	d	
						14.022	31.00000	0.77778	20.00000	0.84502	d	
						16.025	29.00000	0.88889	20.00000	0.90109	d	
						18.028	27.00000	1.00000	20.00000	0.90109	d	
	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	0.075873	20.00000	-0.25940	d
						1.8409	26.83333	-0.83333	20.00000	-0.47084	d	
						3.6818	26.66667	-2.66667	20.00000	-0.55460	d	
						5.5227	26.50000	-4.50000	20.00000	-0.60151	d	
						7.3636	26.33333	-6.33333	20.00000	-0.62218	d	
						9.2045	26.16667	-8.16667	20.00000	-0.61137	d	
						11.045	26.00000	-10.00000	20.00000	-0.62218	d	
	7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	-0.62218	20.00000	-0.61137	d
						1.7500	27.75000	-10.00000	20.00000	-0.59945	d	
						3.5000	29.50000	-10.00000	20.00000	-0.58646	d	
						5.2500	31.25000	-10.00000	20.00000	-0.57247	d	
						7.0000	33.00000	-10.00000	20.00000	-0.57247	d	
	8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	-0.57247	20.00000	-0.57179	d
						1.9749	32.84375	-11.96875	20.00000	-0.55791	d	
						3.9499	32.68750	-13.93750	20.00000	-0.53537	d	
						5.9248	32.53125	-15.90625	20.00000	-0.50740	d	
						7.8998	32.37500	-17.87500	20.00000	-0.47631	d	
						9.8747	32.21875	-19.84375	20.00000	-0.44374	d	
						11.850	32.06250	-21.81250	20.00000	-0.41085	d	
						13.825	31.90625	-23.78125	20.00000	-0.37845	d	
						15.800	31.75000	-25.75000	20.00000	-0.34709	d	
						17.774	31.59375	-27.71875	20.00000	-0.31711	d	
						19.749	31.43750	-29.68750	20.00000	-0.28874	d	
						21.724	31.28125	-31.65625	20.00000	-0.26210	d	
						23.699	31.12500	-33.62500	20.00000	-0.23723	d	
						25.674	30.96875	-35.59375	20.00000	-0.21412	d	
						27.649	30.81250	-37.56250	20.00000	-0.19274	d	
						29.624	30.65625	-39.53125	20.00000	-0.17301	d	
						31.599	30.50000	-41.50000	20.00000	-0.15487	d	
						33.574	30.34375	-43.46875	20.00000	-0.13822	d	
						35.549	30.18750	-45.43750	20.00000	-0.12296	d	
						37.524	30.03125	-47.40625	20.00000	-0.10901	d	
						39.499	29.87500	-49.37500	20.00000	-0.096267	d	
						41.474	29.71875	-51.34375	20.00000	-0.084644	d	
						43.449	29.56250	-53.31250	20.00000	-0.074055	d	
						45.424	29.40625	-55.28125	20.00000	-0.064416	d	
						47.399	29.25000	-57.25000	20.00000	-0.055651	d	
						49.374	29.09375	-59.21875	20.00000	-0.047688	d	
						51.348	28.93750	-61.18750	20.00000	-0.040459	d	
						53.323	28.78125	-63.15625	20.00000	-0.033901	d	
						55.298	28.62500					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Oasys

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

RSK ENVIRONMENT

LIMITED

Job No.

371654

Sheet No.

Rev.

Drg. Ref.

Made by

MK

Date

11-Aug-2020

Checked

Stage: Stage: Name Ref.	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
				[m]	[m]	[m]	[m]	[mm]	
					32.073	42.16216	-42.00000	20.00000	-0.091835 d
					34.078	42.29730	-40.00000	20.00000	-0.10685 d
					36.082	42.43243	-38.00000	20.00000	-0.12331 d
					38.087	42.56757	-36.00000	20.00000	-0.14130 d
					40.091	42.70270	-34.00000	20.00000	-0.16090 d
					42.096	42.83784	-32.00000	20.00000	-0.18215 d
					44.100	42.97297	-30.00000	20.00000	-0.20509 d
					46.105	43.10811	-28.00000	20.00000	-0.22968 d
					48.109	43.24324	-26.00000	20.00000	-0.25586 d
					50.114	43.37838	-24.00000	20.00000	-0.28344 d
					52.119	43.51351	-22.00000	20.00000	-0.31216 d
					54.123	43.64865	-20.00000	20.00000	-0.34157 d
					56.128	43.78378	-18.00000	20.00000	-0.37099 d
					58.132	43.91892	-16.00000	20.00000	-0.39945 d
					60.137	44.05405	-14.00000	20.00000	-0.42557 d
					62.141	44.18919	-12.00000	20.00000	-0.44737 d
					64.146	44.32432	-10.00000	20.00000	-0.46210 d
					66.150	44.45946	-8.00000	20.00000	-0.46587 d
					68.155	44.59459	-6.00000	20.00000	-0.45321 d
					70.160	44.72973	-4.00000	20.00000	-0.41636 d
					72.164	44.86486	-2.00000	20.00000	-0.34421 d
					74.169	45.00000	0.00000	20.00000	-0.0017964 d
11	TP No.1_1		TP No.1_1	0.0	0.0	96.00000	-16.00000	20.00000	1.5007 d
					1.8634	94.33333	-15.16667	20.00000	0.52864 d
					3.7268	92.66667	-14.33333	20.00000	0.53502 d
					5.5902	91.00000	-13.50000	20.00000	0.53959 d
					7.4536	89.33333	-12.66667	20.00000	0.54217 d
					9.3169	87.66667	-11.83333	20.00000	0.54250 d
12	TP No.1_2		TP No.1_2	0.0	0.0	86.00000	-11.00000	20.00000	0.54031 d
					1.8634	85.16667	-12.66667	20.00000	0.24524 d
					3.7268	84.33333	-14.33333	20.00000	0.16485 d
					5.5902	83.50000	-16.00000	20.00000	0.20452 d
					7.4536	82.66667	-17.66667	20.00000	0.23186 d
					9.3169	81.83333	-19.33333	20.00000	0.24961 d
13	TP No.1_3		TP No.1_3	0.0	11.180	81.00000	-21.00000	20.00000	0.25992 d
					0.0	81.00000	-21.00000	20.00000	0.25992 d
					2.0454	79.14286	-20.14286	20.00000	0.22642 d
					4.0908	77.28571	-19.28571	20.00000	0.19056 d
					6.1362	75.42857	-18.42857	20.00000	0.15236 d
					8.1816	73.57143	-17.57143	20.00000	0.11189 d
					10.227	71.71429	-16.71429	20.00000	0.069246 d
					12.272	69.85714	-15.85714	20.00000	0.024633 d
14	TP No.1_4		TP No.1_4	0.0	14.318	68.00000	-15.00000	20.00000	-0.021688 d
					0.0	68.00000	-15.00000	20.00000	-0.021688 d
					2.0900	67.16667	-16.91667	20.00000	-0.0015336 d
					4.1800	66.33333	-18.83333	20.00000	0.012592 d
					6.2700	65.50000	-20.75000	20.00000	0.022265 d
					8.3600	64.66667	-22.66667	20.00000	0.028677 d
					10.450	63.83333	-24.58333	20.00000	0.032728 d
15	TP No.1_5		TP No.1_5	0.0	12.540	63.00000	-26.50000	20.00000	0.035094 d
					0.0	63.00000	-26.50000	20.00000	0.035094 d
					1.9699	64.76190	-27.38095	20.00000	0.068240 d
					3.9397	66.52381	-28.26190	20.00000	0.099809 d
					5.9096	68.28571	-29.14286	20.00000	0.12976 d
					7.8795	70.04762	-30.02381	20.00000	0.15805 d
					9.8493	71.80952	-30.90476	20.00000	0.18469 d
					11.819	73.57143	-31.78571	20.00000	0.20968 d
					13.789	75.33333	-32.66667	20.00000	0.23303 d
					15.759	77.09524	-33.54762	20.00000	0.25478 d
					17.729	78.85714	-34.42857	20.00000	0.27494 d
					19.699	80.61905	-35.30952	20.00000	0.29358 d
					21.669	82.38095	-36.19048	20.00000	0.31072 d
					23.638	84.14286	-37.07143	20.00000	0.32642 d
					25.608	85.90476	-37.95238	20.00000	0.34073 d
					27.578	87.66667	-38.83333	20.00000	0.35369 d
					29.548	89.42857	-39.71429	20.00000	0.36537 d
					31.518	91.19048	-40.59524	20.00000	0.37581 d
					33.488	92.95238	-41.47619	20.00000	0.38507 d
					35.458	94.71429	-42.35714	20.00000	0.39320 d
					37.428	96.47619	-43.23810	20.00000	0.40024 d
					39.397	98.23810	-44.11905	20.00000	0.40625 d
16	TP No.1_6		TP No.1_6	0.0	41.367	100.00000	-45.00000	20.00000	0.41127 d
					0.0	100.00000	-45.00000	20.00000	0.41127 d
					2.0883	101.00000	-43.16667	20.00000	0.43064 d
					4.1767	102.00000	-41.33333	20.00000	0.44965 d
					6.2650	103.00000	-39.50000	20.00000	0.46786 d
					8.3533	104.00000	-37.66667	20.00000	0.48471 d
					10.442	105.00000	-35.83333	20.00000	0.49949 d
					12.530	106.00000	-34.00000	20.00000	0.51126 d
17	TP No.1_7		TP No.1_7	0.0	0.0	106.00000	-34.00000	20.00000	0.51126 d
					2.0691	104.12500	-33.12500	20.00000	0.50355 d
					4.1382	102.25000	-32.25000	20.00000	0.49447 d
					6.2074	100.37500	-31.37500	20.00000	0.48496 d
					8.2765	98.50000	-30.50000	20.00000	0.47193 d
					10.346	96.62500	-29.62500	20.00000	0.45833 d
					12.415	94.75000	-28.75000	20.00000	0.44307 d
					14.484	92.87500	-27.87500	20.00000	0.42607 d
18	TP No.1_8		TP No.1_8	0.0	16.553	91.00000	-27.00000	20.00000	0.40725 d
					0.0	91.00000	-27.00000	20.00000	0.40725 d
					2.0138	91.83333	-25.16667	20.00000	0.40652 d
					4.0277	92.66667	-23.33333	20.00000	0.39883 d
					6.0415	93.50000	-21.50000	20.00000	0.43386 d
					8.0554	94.33333	-19.66667	20.00000	0.80714 d
					10.069	95.16667	-17.83333	20.00000	1.1644 d
19	TP No.2_1		TP No.2_1	0.0	12.083	96.00000	-16.00000	20.00000	1.5007 d
					0.0	148.00000	-41.00000	20.00000	1.0503 d
					1.9906	146.20000	-40.15000	20.00000	1.0784 d
					3.9812	144.40000	-39.30000	20.00000	1.1056 d
					5.9718	142.60000	-38.45000	20.00000	1.1318 d
					7.9624	140.80000	-37.60000	20.00000	1.1570 d
					9.9530	139.00000	-36.75000	20.00000	1.1811 d
					11.944	137.20000	-35.90000	20.00000	1.2041 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

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UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.

371654

Sheet No.

Rev.

Drg. Ref.

Made by

MK

Date

11-Aug-2020

Checked

Stage: Stage: Name	Specific Building: Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
Ref.	Ref.	Name				[m]	[m]	[m]	[mm]
						[m]	[m]	[m]	[mm]
						35.831	139.40000	-48.30000	20.00000
						37.821	141.20000	-49.15000	20.00000
						39.812	143.00000	-50.00000	20.00000
22		TP No.2_4	TP No.2_4	0.0		0.0	143.00000	-50.00000	20.00000
						2.0591	144.00000	-48.20000	20.00000
						4.1183	145.00000	-46.40000	20.00000
						6.1774	146.00000	-44.60000	20.00000
						8.2365	147.00000	-42.80000	20.00000
						10.296	148.00000	-41.00000	20.00000
23		TP No.3_1	TP No.3_1	0.0		0.0	200.00000	-55.00000	20.00000
						2.0396	198.16000	-54.12000	20.00000
						4.0792	196.32000	-53.24000	20.00000
						6.1188	194.48000	-52.36000	20.00000
						8.1584	192.64000	-51.48000	20.00000
						10.198	190.80000	-50.60000	20.00000
						12.238	188.96000	-49.72000	20.00000
						14.277	187.12000	-48.84000	20.00000
						16.317	185.28000	-47.96000	20.00000
						18.356	183.44000	-47.08000	20.00000
						20.396	181.60000	-46.20000	20.00000
						22.436	179.76000	-45.32000	20.00000
						24.475	177.92000	-44.44000	20.00000
						26.515	176.08000	-43.56000	20.00000
						28.555	174.24000	-42.68000	20.00000
						30.594	172.40000	-41.80000	20.00000
						32.634	170.56000	-40.92000	20.00000
						34.673	168.72000	-40.04000	20.00000
						36.713	166.88000	-39.16000	20.00000
						38.753	165.04000	-38.28000	20.00000
						40.792	163.20000	-37.40000	20.00000
						42.832	161.36000	-36.52000	20.00000
						44.871	159.52000	-35.64000	20.00000
						46.911	157.68000	-34.76000	20.00000
						48.951	155.84000	-33.88000	20.00000
24		TP No.3_2	TP No.3_2	0.0		50.990	154.00000	-33.00000	20.00000
						0.0	154.00000	-33.00000	20.00000
						1.9166	153.14286	-34.71429	20.00000
						3.8333	152.28571	-36.42857	20.00000
						5.7499	151.42857	-38.14286	20.00000
						7.6665	150.57143	-39.85714	20.00000
						9.5831	149.71429	-41.57143	20.00000
						11.500	148.85714	-43.28571	20.00000
						13.416	148.00000	-45.00000	20.00000
25		TP No.3_3	TP No.3_3	0.0		0.0	148.00000	-45.00000	20.00000
						2.0227	149.84000	-45.84000	20.00000
						4.0453	151.68000	-46.68000	20.00000
						6.0680	153.52000	-47.52000	20.00000
						8.0907	155.36000	-48.36000	20.00000
						10.113	157.20000	-49.20000	20.00000
						12.136	159.04000	-50.04000	20.00000
						14.159	160.88000	-50.88000	20.00000
						16.181	162.72000	-51.72000	20.00000
						18.204	164.56000	-52.56000	20.00000
						20.227	166.40000	-53.40000	20.00000
						22.249	168.24000	-54.24000	20.00000
						24.272	170.08000	-55.08000	20.00000
						26.295	171.92000	-55.92000	20.00000
						28.317	173.76000	-56.76000	20.00000
						30.340	175.60000	-57.60000	20.00000
						32.363	177.44000	-58.44000	20.00000
						34.385	179.28000	-59.28000	20.00000
						36.408	181.12000	-60.12000	20.00000
						38.431	182.96000	-60.96000	20.00000
						40.453	184.80000	-61.80000	20.00000
						42.476	186.64000	-62.64000	20.00000
						44.499	188.48000	-63.48000	20.00000
						46.521	190.32000	-64.32000	20.00000
						48.544	192.16000	-65.16000	20.00000
26		TP No.3_4	TP No.3_4	0.0		50.567	194.00000	-66.00000	20.00000
						0.0	194.00000	-66.00000	20.00000
						2.0883	195.00000	-64.16667	20.00000
						4.1767	196.00000	-62.33333	20.00000
						6.2650	197.00000	-60.50000	20.00000
						8.3533	198.00000	-58.66667	20.00000
						10.442	199.00000	-56.83333	20.00000
27		Hospital No.1_1	Hospital No.1_1	0.0		12.530	200.00000	-55.00000	20.00000
						0.0	189.00000	-19.00000	19.00000
						2.0000	189.00000	-21.00000	19.00000
						4.0000	189.00000	-23.00000	19.00000
						6.0000	189.00000	-25.00000	19.00000
						8.0000	189.00000	-27.00000	19.00000
						10.000	189.00000	-29.00000	19.00000
						12.000	189.00000	-31.00000	19.00000
28		Hospital No.1_2	Hospital No.1_2	0.0		0.0	189.00000	-31.00000	19.00000
						1.9474	190.94737	-31.00000	19.00000
						3.8947	192.89474	-31.00000	19.00000
						5.8421	194.84211	-31.00000	19.00000
						7.7895	196.78947	-31.00000	19.00000
						9.7368	198.73684	-31.00000	19.00000
						11.684	200.68421	-31.00000	19.00000
						13.632	202.63158	-31.00000	19.00000
						15.579	204.57895	-31.00000	19.00000
						17.526	206.52632	-31.00000	19.00000
						19.474	208.47368	-31.00000	19.00000
						21.421	210.42105	-31.00000	19.00000
						23.368	212.36842	-31.00000	19.00000
						25.316	214.31579	-31.00000	19.00000
						27.263	216.26316	-31.00000	19.00000
						29.211	218.21053	-31.00000	19.00000
						31.158	220.15789	-31.00000	19.00000
						33.105	222.10526	-31.00000	19.00000
						35.053	224.05263	-31.00000	19.00000
29		Hospital No.1_3	Hospital No.1_3	0.0		37.000	226.00000	-31.00000	19.00000
						0.0	226.00000	-31.00000	19.00000
						2.0000	226.00000	-29.00000	19.00000
						4.0000	226.00000	-27.00000	19.00000
						6.0000	226.00000	-25.00000	19.00000
						8.0000	226.00000	-23.00000	19.00000
						10.000	226.00000	-21.00000	19.00000
						12.000	226.00000	-19.00000	19.00000
						14.000	226.00000	-17.00000	19.00000
						16.000	226.00000	-15.00000	19.00.



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dx
					[m]	[m]	[m]	[m]	[mm]	
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	2.8191	d
					0.0	189.00000	37.00000	19.00000	2.7058	d
					2.0000	189.00000	35.00000	19.00000	2.7055	d
					4.0000	189.00000	33.00000	19.00000	2.7047	d
					6.0000	189.00000	31.00000	19.00000	2.7036	d
					8.0000	189.00000	29.00000	19.00000	2.7018	d
					10.000	189.00000	27.00000	19.00000	2.6992	d
					12.000	189.00000	25.00000	19.00000	2.6955	d
					14.000	189.00000	23.00000	19.00000	2.6909	d
					16.000	189.00000	21.00000	19.00000	2.6857	d
					18.000	189.00000	19.00000	19.00000	2.6800	d
					20.000	189.00000	17.00000	19.00000	2.6738	d
					22.000	189.00000	15.00000	19.00000	2.6670	d
					24.000	189.00000	13.00000	19.00000	2.6600	d
					26.000	189.00000	11.00000	19.00000	2.6532	d
					28.000	189.00000	9.00000	19.00000	2.6472	d
30.000	189.00000	7.00000	19.00000	2.6426	d					
32.000	189.00000	5.00000	19.00000	2.6401	d					
34	Hospital No.2_2	Hospital No.2_2	0.0	0.0	189.00000	5.00000	19.00000	2.6401	d	
				2.0000	191.00000	5.00000	19.00000	2.3387	d	
				4.0000	193.00000	5.00000	19.00000	2.0073	d	
				6.0000	195.00000	5.00000	19.00000	1.6537	d	
				8.0000	197.00000	5.00000	19.00000	1.2834	d	
				10.000	199.00000	5.00000	19.00000	0.90066	d	
				12.000	201.00000	5.00000	19.00000	0.52262	d	
				14.000	203.00000	5.00000	19.00000	0.52357	d	
				16.000	205.00000	5.00000	19.00000	0.51931	d	
				18.000	207.00000	5.00000	19.00000	0.51120	d	
				20.000	209.00000	5.00000	19.00000	0.50029	d	
				22.000	211.00000	5.00000	19.00000	0.48740	d	
				24.000	213.00000	5.00000	19.00000	0.47313	d	
				26.000	215.00000	5.00000	19.00000	0.45797	d	
				28.000	217.00000	5.00000	19.00000	0.44230	d	
				30.000	219.00000	5.00000	19.00000	0.42639	d	
32.000	221.00000	5.00000	19.00000	0.41046	d					
34.000	223.00000	5.00000	19.00000	0.39469	d					
36.000	225.00000	5.00000	19.00000	0.37918	d					
35	Hospital No.2_3	Hospital No.2_3	0.0	0.0	225.00000	5.00000	19.00000	0.37918	d	
				2.0000	225.00000	7.00000	19.00000	0.38347	d	
				4.0000	225.00000	9.00000	19.00000	0.38750	d	
				6.0000	225.00000	11.00000	19.00000	0.39124	d	
				8.0000	225.00000	13.00000	19.00000	0.39469	d	
				10.000	225.00000	15.00000	19.00000	0.39783	d	
				12.000	225.00000	17.00000	19.00000	0.40064	d	
				14.000	225.00000	19.00000	19.00000	0.40312	d	
				16.000	225.00000	21.00000	19.00000	0.40527	d	
				18.000	225.00000	23.00000	19.00000	0.40706	d	
				20.000	225.00000	25.00000	19.00000	0.40849	d	
				22.000	225.00000	27.00000	19.00000	0.40957	d	
				24.000	225.00000	29.00000	19.00000	0.41027	d	
				26.000	225.00000	31.00000	19.00000	0.41061	d	
				28.000	225.00000	33.00000	19.00000	0.41058	d	
				30.000	225.00000	35.00000	19.00000	0.41018	d	
32.000	225.00000	37.00000	19.00000	0.40941	d					
36	Hospital No.2_4	Hospital No.2_4	0.0	0.0	225.00000	37.00000	19.00000	0.40941	d	
				2.0000	223.00000	37.00000	19.00000	0.42671	d	
				4.0000	221.00000	37.00000	19.00000	0.44433	d	
				6.0000	219.00000	37.00000	19.00000	0.46213	d	
				8.0000	217.00000	37.00000	19.00000	0.47994	d	
				10.000	215.00000	37.00000	19.00000	0.49750	d	
				12.000	213.00000	37.00000	19.00000	0.51451	d	
				14.000	211.00000	37.00000	19.00000	0.53056	d	
				16.000	209.00000	37.00000	19.00000	0.54513	d	
				18.000	207.00000	37.00000	19.00000	0.55755	d	
				20.000	205.00000	37.00000	19.00000	0.56697	d	
				22.000	203.00000	37.00000	19.00000	0.57228	d	
				24.000	201.00000	37.00000	19.00000	0.57444	d	
				26.000	199.00000	37.00000	19.00000	0.96691	d	
				28.000	197.00000	37.00000	19.00000	1.3497	d	
				30.000	195.00000	37.00000	19.00000	1.7198	d	
32.000	193.00000	37.00000	19.00000	2.0731	d					
34.000	191.00000	37.00000	19.00000	2.4042	d					
36.000	189.00000	37.00000	19.00000	2.7058	d					
37	Hospital No.3_1	Hospital No.3_1	0.0	0.0	189.00000	77.00000	19.00000	1.8238	d	
				1.9375	189.00000	75.06250	19.00000	1.9382	d	
				3.8750	189.00000	73.12500	19.00000	2.0530	d	
				5.8125	189.00000	71.18750	19.00000	2.1698	d	
				7.7500	189.00000	69.25000	19.00000	2.2902	d	
				9.6875	189.00000	67.31250	19.00000	2.4149	d	
				11.6250	189.00000	65.37500	19.00000	2.5415	d	
				13.563	189.00000	63.43750	19.00000	2.6333	d	
				15.500	189.00000	61.50000	19.00000	2.6730	d	
				17.438	189.00000	59.56250	19.00000	2.6742	d	
				19.375	189.00000	57.62500	19.00000	2.6757	d	
				21.313	189.00000	55.68750	19.00000	2.6788	d	
				23.250	189.00000	53.75000	19.00000	2.6828	d	
				25.188	189.00000	51.81250	19.00000	2.6872	d	
				27.125	189.00000	49.87500	19.00000	2.6913	d	
				29.063	189.00000	47.93750	19.00000	2.6949	d	
31.000	189.00000	46.00000	19.00000	2.6981	d					
38	Hospital No.3_2	Hospital No.3_2	0.0	0.0	189.00000	46.00000	19.00000	2.6981	d	
				1.8000	190.80000	46.00000	19.00000	2.4274	d	
				3.6000	192.60000	46.00000	19.00000	2.1324	d	
				5.4000	194.40000	46.00000	19.00000	1.8186	d	
				7.2000	196.20000	46.00000	19.00000	1.4903	d	
				9.0000	198.00000	46.00000	19.00000	1.1505	d	
39	Hospital No.3_3	Hospital No.3_3	0.0	0.0	198.00000	46.00000	19.00000	1.1505	d	
				1.8000	198.00000	47.80000	19.00000	1.1473	d	
				3.6000	198.00000	49.60000	19.00000	1.1437	d	
				5.4000	198.00000	51.40000	19.00000	1.1398	d	
				7.2000	198.00000	53.20000	19.00000	1.1357	d	
				9.0000	198.00000	55.00000	19.00000	1.1314	d	
40	Hospital No.3_4	Hospital No.3_4	0.0	0.0	198.00000	55.00000	19.00000	1.1314	d	
				2.0000	200.00000	55.00000	19.00000	0.74359	d	
				4.0000	202.00000	55.00000	19.00000	0.53609	d	
				6.0000	204.00000	55.00000	19.00000	0.53405	d	
				8.0000	206.00000	55.00000	19.00000	0.52746	d	
				10.000	208.00000	55.00000	19.00000	0.51751	d	
				12.000	210.00000	55.00000	19.00000	0.50514	d	
				14.000	212.00000	55.00000	19.00000	0.49107	d	
				16.000	214.00000	55.00000	19.00000	0.47586	d	
				18.000	216.00000	55.00000	19.00000	0.45994	d	
41	Hospital No.3_5	Hospital No.3_5	0.0	0.0	222.00000	55.00000	19.00000	0.45994	d	
				2.0000	218.00000	55.00000	19.00000	0.44365	d	
				22.000	220.00000	55.00000	19.00000	0.42724	d	
				24.000	222.00000	55.00000	19.00000	0.41090	d	
				0.0	222.00000	55.00000	19.00000	0.41090	d	
				1.8000	222.00000	53.20000	19.00000	0.41462	d	
				3.6000	222.00000	51.40000	19.00000	0.41809	d	
				5.4000	222.00000	49.60000	19.00000	0.42129	d	
				7.2000	222.00000	47.80000	19.00000	0.42421	d	
				9.0000	222.00000	46.00000	19.00000	0.42685	d	
42	Hospital No.3_6	Hospital No.3_6	0.0	0.0	222.00000	46.00000	19.00000	0.42685	d	
				2.0000	224.00000	46.00000	19.00000	0.40986	d	
				4.0000	226.00000	46.00000	19.00000	0.39323	d	
				6.0000	228.00000	46.00000	19.00000	0.37703	d	
				8.0000	230.00000	46.00000	19.00000	0.36134	d	
				0.0	230.00000	46.00000	19.00000	0.36134	d	
43	Hospital No.3_7	Hospital No.3_7	0.0	0.0	230.00000	46.00000	19.00000	0.36134	d	
				1.9375	230.00000	47.93750	19.00000	0.35909	d	
				3.8750	230.00000	49.87500	19.00000	0.35658	d	
				5.8125	230.00000	51.81250	19.00000	0.35381	d	
				7.7500	230.00000	53.75000	19.00000	0.35079	d	
				9.6875	230.00000	55.68750	19.00000	0.34754	d	
				11.6250	230.00000	57.62500	19.00000	0.34406	d	
				13.563	230.00000	59.56250	19.00000	0.34036	d	
				15.500	230.00000	61.50000	19.00000	0.33646	d	
				17.438	230.00000	63.43750	19.00000	0.33236	d	
				19.375	230.00000	65.37500	19.00000	0.32808	d	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dx [mm]
						29.063	230.00000	75.06250	19.00000	0.30436 d
						31.000	230.00000	77.00000	19.00000	0.29923 d
44		Hospital No.3_8	Hospital No.3_8		0.0	0.0	230.00000	77.00000	19.00000	0.29923 d
						1.9524	228.04762	77.00000	19.00000	0.31092 d
						3.9048	226.09524	77.00000	19.00000	0.32297 d
						5.8571	224.14286	77.00000	19.00000	0.33536 d
						7.8095	222.19048	77.00000	19.00000	0.34803 d
						9.7619	220.23810	77.00000	19.00000	0.36095 d
						11.714	218.28571	77.00000	19.00000	0.37404 d
						13.667	216.33333	77.00000	19.00000	0.38720 d
						15.619	214.38095	77.00000	19.00000	0.40031 d
						17.571	212.42857	77.00000	19.00000	0.41321 d
						19.524	210.47619	77.00000	19.00000	0.42570 d
						21.476	208.52381	77.00000	19.00000	0.43752 d
						23.429	206.57143	77.00000	19.00000	0.44834 d
						25.381	204.61905	77.00000	19.00000	0.45775 d
						27.333	202.66667	77.00000	19.00000	0.46520 d
						29.286	200.71429	77.00000	19.00000	0.47002 d
						31.238	198.76190	77.00000	19.00000	0.47135 d
						33.190	196.80952	77.00000	19.00000	0.46808 d
						35.143	194.85714	77.00000	19.00000	0.46447 d
						37.095	192.90476	77.00000	19.00000	1.1623 d
						39.048	190.95238	77.00000	19.00000	1.4998 d
						41.000	189.00000	77.00000	19.00000	1.8238 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Min Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient
Radius of Curvature						from Line for Vertical Movement Calculations [m]					Ratio	Horizontal Strain	Tensile Strain	of Horizontal Displacement	of Vertical Displacement Curve
[m]								[m]	[m]		[%]	[%]	[%]		
0	Base Model 1			Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	4.8300	None	0.018141	-0.036610	0.013389	910.83E-6	-0.0011216
2114.7 0 (Negligible)							2	4.8300	4.7379	None	0.0093812	40.795E-6	0.0090369	-408.68E-9	-864.65E-6
8887.3 0 (Negligible)							3	9.5679	10.631	Sagging	0.021899	41.147E-6	0.024888	-413.94E-9	-879.59E-6
5369.8 0 (Negligible)							4	20.199	8.9689	Hogging	0.011870	41.583E-6	0.011476	-418.29E-9	587.82E-6
9223.5 0 (Negligible)							5	29.168	5.8319	Sagging	0.076350	-0.098179	0.053748	0.0016176	0.0033375
521.50 1 (Very Slight)				Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	20.000	Hogging	0.026818	0.011004	0.040189	818.08E-6	0.0019415
5404.7 0 (Negligible)				Canal Side Studios_3	Canal Side Studios_3	0.0	1	0.0	35.000	None	63.907E-6	0.0	90.158E-6	0.0	2.7567E-6
3.7462E+6 0 (Negligible)				Canal Side Studios_4	Canal Side Studios_4	0.0	1	0.0	20.000	Hogging	0.030374	0.032635	0.065690	-524.96E-6	-0.0028352
1125.7 1 (Very Slight)				Beaumont Court_1	Beaumont Court_1	0.0	1	2.0031	0.70624	None	0.0	0.0030023	0.0030023	-30.022E-6	-120.52E-6
136310. 0 (Negligible)							2	2.7093	15.318	None	684.36E-6	359.79E-6	0.0010356	-30.022E-6	-120.52E-6
75007. 0 (Negligible)				Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	11.045	None	0.0062150	0.014404	0.019100	-371.79E-6	448.10E-6
6497.3 0 (Negligible)				Beaumont Court_3	Beaumont Court_3	0.0	1	0.0	7.0000	None	30.165E-6	0.0	29.361E-6	0.0	-7.9953E-6
2.7480E+6 0 (Negligible)				Beaumont Court_4	Beaumont Court_4	0.0	1	0.0	12.817	None	234.62E-6	0.0	214.18E-6	0.0	-16.652E-6
272390. 0 (Negligible)							2	12.817	26.682	None	138.11E-6	0.0	190.94E-6	0.0	-16.652E-6
2.2190E+6 0 (Negligible)				Beaumont Court_5	Beaumont Court_5	0.0	All vertical displacements are less than the limit sensitivity.				94.860E-6	0.0	112.33E-6	0.0	14.668E-6
2.4078E+6 0 (Negligible)				Beaumont Court_6	Beaumont Court_6	0.0	1	34.078	19.872	None	676.84E-6	0.0	757.13E-6	-89.583E-6	-170.80E-6
19000. 0 (Negligible)				TP No.1_1	TP No.1_1	0.0	1	0.0	5.5749	None	0.011642	-15.772E-6	0.011477	471.88E-9	521.66E-6
2838.0 0 (Negligible)							2	5.5749	5.6055	None	43.475E-6	0.0	42.880E-6	0.0	-2.4550E-6
1.3448E+6 0 (Negligible)				TP No.1_2	TP No.1_2	0.0	1	0.0	6.8719	None	0.0030426	0.0	0.0029799	0.0	158.35E-6
14568. 0 (Negligible)							2	6.8719	4.3085	None	127.86E-6	0.0	126.78E-6	0.0	-14.674E-6
357570. 0 (Negligible)				TP No.1_3	TP No.1_3	0.0	1	0.0	8.1816	None	56.675E-6	0.0	55.039E-6	0.0	20.846E-6
1.7714E+6 0 (Negligible)				TP No.1_4	TP No.1_4	0.0	All vertical displacements are less than the limit sensitivity.				157.66E-6	0.0	229.78E-6	0.0	-15.202E-6
2.3467E+6 0 (Negligible)				TP No.1_5	TP No.1_5	0.0	1	5.9096	35.458	None	54.119E-6	0.0	50.604E-6	0.0	-9.2789E-6
1.3506E+6 0 (Negligible)				TP No.1_6	TP No.1_6	0.0	1	0.0	12.530	None	76.426E-6	0.0	72.277E-6	0.0	9.0949E-6
2.3246E+6 0 (Negligible)				TP No.1_7	TP No.1_7	0.0	1	0.0	16.553	None	0.0	0.0	35.763E-9	0.0	362.61E-9
209180. 0 (Negligible)				TP No.1_8	TP No.1_8	0.0	1	0.0	1.5714	None	0.0043322	0.0	0.0042105	0.0	-185.36E-6
23124. 0 (Negligible)							3	9.6322	2.4508	None	152.21E-6	450.74E-6	490.42E-6	-5.4854E-6	-177.41E-6
182160. 0 (Negligible)				TP No.2_1	TP No.2_1	0.0	1	0.0	33.908	None	103.81E-6	0.0	149.24E-6	0.0	-14.125E-6
3.5106E+6 0 (Negligible)							2	33.908	5.9043	None	0.0014793	0.0	0.0014567	0.0	-72.252E-6
23675. 0 (Negligible)				TP No.2_2	TP No.2_2	0.0	1	0.0	9.0916	None	0.0046378	0.0	0.0044732	0.0	245.93E-6
22700. 0 (Negligible)							2	9.0916	1.2040	None	0.0	0.0	35.763E-9	0.0	2.1234E-6
93497. 0 (Negligible)				TP No.2_3	TP No.2_3	0.0	1	0.0	39.812	None	322.37E-6	0.0	482.33E-6	0.0	68.725E-6
24575. 0 (Negligible)				TP No.2_4	TP No.2_4	0.0	1	0.0	4.2111	None	0.0015634	0.0	0.0015512	0.0	-69.251E-6
26187. 0 (Negligible)							2	4.2111	6.0845	None	0.0037671	0.0	0.0037060	0.0	-201.42E-6
12432. 0 (Negligible)				TP No.3_1	TP No.3_1	0.0	1	0.0	17.435	None	13.821E-6	0.0	13.626E-6	0.0	-6.4461E-6
11.420E+6 0 (Negligible)							2	17.435	0.92444	None	5.0818E-9	0.0	35.763E-9	0.0	-6.4461E-6
102.76E+6 0 (Negligible)							3	18.359	9.8452	None	0.0031819	0.0	0.0030502	0.0	-162.79E-6
32726. 0 (Negligible)							4	28.204	22.786	None	0.0025831	305.11E-6	0.0033698	-64.751E-6	-162.52E-6
75990. 0 (Negligible)				TP No.3_2	TP No.3_2	0.0	1	0.0	7.7962	None	156.09E-6	0.014331	0.014407	-195.78E-6	201.19E-6
484630. 0 (Negligible)							2	7.7962	5.6202	None	0.0025469	0.0	0.0025116	0.0	202.74E-6
13355. 0 (Negligible)				TP No.3_3	TP No.3_3	0.0	1	0.0	23.257	None	21.362E-6	0.0	25.642E-6	0.0	5.6984E-6
7.3128E+6 0 (Negligible)							2	23.257	27.310	None	17.339E-6	0.0	22.781E-6	0.0	5.6984E-6
14.434E+6 0 (Negligible)				TP No.3_4	TP No.3_4	0.0	1	0.0	12.530	None	2.7318E-6	0.0	2.5392E-6	0.0	-2.7746E-6
37.767E+6 0 (Negligible)				Hospital No.1_1	Hospital No.1_1	0.0	1	0.0	12.000	None	0.0017228	-109.84E-6	0.0024813	-61.557E-6	135.57E-6
64038. 0 (Negligible)				Hospital No.1_2	Hospital No.1_2	0.0	1	0.0	4.3420	None	244.76E-6	0.0012927	0.0015053	-28.822E-6	167.79E-6
214040. 0 (Negligible)							2	4.3420	9.2716	None	0.0034357	0.0	0.0048288	0.0	173.41E-6
28320. 0 (Negligible)							3	13.614	6.3458	None	2.2885E-6	0.0	2.6107E-6	0.0	5.5936E-6
15.365E+6 0 (Negligible)							4	19.959	17.041	None	10.621E-6	0.0	15.771E-6	0.0	5.5936E-6
14.303E+6 0 (Negligible)				Hospital No.1_3	Hospital No.1_3	0.0	1	0.0	0.11312	None	0.0	0.0	35.763E-9	0.0	-3.2191E-6
10.485E+9 0 (Negligible)							2	0.11312	21.887	None	4.6951E-6	0.0	6.4731E-6	0.0	-3.2191E-6



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Min Ref.	Stage: Name Damage Category	Specific Building: Building: Name	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Segment	Start	Length	Curvature	Deflection	Average Ratio	Max Tensile	Max Gradient of	Max Gradient of Vertical
29.381E+6	0 (Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	1	0.0	8.1385	None	5.8464E-6	0.0	7.7605E-6	0.0	-7.0485E-6
12.244E+6	0 (Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	1	0.0	10.000	None	5.0514E-6	0.0	7.2598E-6	0.0	4.1386E-6
9.8448E+6	0 (Negligible)	32	Hospital No.1_6	Hospital No.1_6	0.0	1	0.0	5.8321	None	8.4293E-6	0.0	9.1910E-6	0.0	-6.2667E-6
4.8543E+6	0 (Negligible)	33	Hospital No.2_1	Hospital No.2_1	0.0	1	0.0	22.983	None	51.105E-6	132.82E-9	68.700E-6	-1.3299E-9	3.5152E-6
21568.0	(Negligible)	34	Hospital No.2_2	Hospital No.2_2	0.0	1	0.0	8.1787	None	579.40E-6	0.012869	0.013641	-194.04E-6	191.36E-6
729950.0	(Negligible)	35	Hospital No.2_3	Hospital No.2_3	0.0	1	0.0	32.000	None	34.273E-6	0.0	37.944E-6	0.0	-2.1489E-6
4.1643E+6	0 (Negligible)	36	Hospital No.2_4	Hospital No.2_4	0.0	1	0.0	5.8406	None	4.5707E-6	0.0	4.9710E-6	0.0	-8.9017E-6
1.9149E+6	0 (Negligible)	37	Hospital No.3_1	Hospital No.3_1	0.0	1	0.0	0.32138	None	0.0047664	0.0	0.0061452	0.0	-196.24E-6
125060.0	(Negligible)	38	Hospital No.3_2	Hospital No.3_2	0.0	1	0.0	9.0000	None	592.40E-6	0.011931	0.012754	-195.58E-6	188.74E-6
21173.0	(Negligible)	39	Hospital No.3_3	Hospital No.3_3	0.0	1	0.0	9.0000	None	9.3013E-6	0.0	12.910E-6	0.0	2.3851E-6
1.0279E+6	0 (Negligible)	40	Hospital No.3_4	Hospital No.3_4	0.0	1	0.0	7.8676	None	0.0036574	0.0	0.0047769	0.0	193.89E-6
13.339E+6	0 (Negligible)	41	Hospital No.3_5	Hospital No.3_5	0.0	1	0.0	9.0000	None	9.903E-6	0.0	12.624E-6	0.0	-2.0680E-6
10.813E+6	0 (Negligible)	42	Hospital No.3_6	Hospital No.3_6	0.0	1	0.0	8.0000	None	10.805E-6	0.0	14.198E-6	0.0	8.4952E-6
11.327E+6	0 (Negligible)	43	Hospital No.3_7	Hospital No.3_7	0.0	1	0.0	31.000	None	19.968E-6	0.0	22.566E-6	0.0	2.6445E-6
1.1197E+6	0 (Negligible)	44	Hospital No.3_8	Hospital No.3_8	0.0	1	0.0	12.757	None	11.309E-6	0.0	17.130E-6	0.0	-6.7401E-6
20985.0	(Negligible)	45				2	12.757	16.607	None	60.591E-6	0.0	90.516E-6	0.0	-6.7401E-6
127810.0	(Negligible)	46				3	29.365	7.5603	None	0.0044477	0.0	0.0056888	0.0	-178.14E-6
25.415E+6	0 (Negligible)	47				4	36.925	4.0750	None	181.36E-6	0.0041261	0.0042755	-86.113E-6	-178.14E-6
1.0638E+6	0 (Negligible)	48												
85194.0	(Negligible)	49												
3.3810E+6	0 (Negligible)	50												
8.2545E+6	0 (Negligible)	51												
125880.0	(Negligible)	52												
8.4236E+6	0 (Negligible)	53												
21449.0	(Negligible)	54												
1.1703E+6	0 (Negligible)	55												
32.162E+6	0 (Negligible)	56												
11.244E+6	0 (Negligible)	57												
7.7832E+6	0 (Negligible)	58												
14.120E+6	0 (Negligible)	59												
10.392E+6	0 (Negligible)	60												
1.0847E+6	0 (Negligible)	61												
21946.0	(Negligible)	62												
266720.0	(Negligible)	63												
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.														

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

Stage: Min Ref.	Stage: Name Damage Category	Specific Building: Building: Name	Specific Building: Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature [m]	Min Radius of Curvature [m]
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.076350	-0.098179	0.0033375	23.993	0.053748	0.0016176	0.0033375	9223.5	521.50
1	(Very Slight)	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.026818	0.011004	0.0019415	14.433	0.040189	818.08E-6	0.0019415	5404.7	-
0	(Negligible)	3	Canal Side Studios_3	Canal Side Studios_3	0.0	63.907E-6	0.0	2.7567E-6	0.77397	90.158E-6	0.0	2.7567E-6	-	-
0	(Negligible)	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.030374	0.032635	-0.0028352	15.011	0.065690	-524.96E-6	-0.0028352	1125.7	-
1	(Very Slight)	5	Beaumont Court_1	Beaumont Court_1	0.0	684.36E-6	0.0030023	-120.52E-6	0.90109	0.0030023	-30.022E-6	-120.52E-6	-	-
0	(Negligible)	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0062150	0.014404	448.10E-6	0.90109	0.019100	-371.79E-6	448.10E-6	-	-
0	(Negligible)	7	Beaumont Court_3	Beaumont Court_3	0.0	30.165E-6	0.0	-7.9953E-6	0.62218	29.361E-6	0.0	-7.9953E-6	-	-
0	(Negligible)	8	Beaumont Court_4	Beaumont Court_4	0.0	234.62E-6	0.0	-16.652E-6	0.57247	214.18E-6	0.0	-16.652E-6	-	-
0	(Negligible)	10	Beaumont Court_6	Beaumont Court_6	0.0	676.84E-6	0.0	-170.80E-6	0.46576	757.13E-6	-89.583E-6	-170.80E-6	-	-
0	(Negligible)	11	TP No.1_1	TP No.1_1	0.0	0.011642	-15.772E-6	521.66E-6	1.5007	0.011477	471.88E-9	521.66E-6	-	-
0	(Negligible)	12	TP No.1_2	TP No.1_2	0.0	0.0030426	0.0	158.35E-6	0.54031	0.0029799	0.0	158.35E-6	-	-
0	(Negligible)	13	TP No.1_3	TP No.1_3	0.0	56.675E-6	0.0	20.846E-6	0.25992	55.039E-6	0.0	20.846E-6	-	-
0	(Negligible)	15	TP No.1_5	TP No.1_5	0.0	157.66E-6	0.0	-15.202E-6	0.41127	229.78E-6	0.0	-15.202E-6	-	-
0	(Negligible)	16	TP No.1_6	TP No.1_6	0.0	54.119E-6	0.0	-9.2789E-6	0.51126	50.604E-6	0.0	-9.2789E-6	-	-
0	(Negligible)	17	TP No.1_7	TP No.1_7	0.0	76.426E-6	0.0	9.0949E-6	0.51126	72.277E-6	0.0	9.0949E-6	-	-
0	(Negligible)	18	TP No.1_8	TP No.1_8	0.0	0.0043322	450.74E-6	-185.36E-6	1.5007	0.0042105	-5.4854E-6	-185.36E-6	-	-
0	(Negligible)	19	TP No.2_1	TP No.2_1	0.0	0.0014793	0.0	-72.252E-6	1.5594	0.0014567	0.0	-72.252E-6	-	-
0	(Negligible)	20	TP No.2_2	TP No.2_2	0.0	0.0046378	0.0	245.93E-6	1.5594	0.0044732	0.0	245.93E-6	-	-
0	(Negligible)	21	TP No.2_3	TP No.2_3	0.0	322.37E-6	0.0	68.725E-6	0.53984	482.33E-6	0.0	68.725E-6	-	-
0	(Negligible)	22	TP No.2_4	TP No.2_4	0.0	0.0037671	0.0	-201.42E-6	1.0503	0.0037060	0.0	-201.42E-6	-	-
0	(Negligible)	23	TP No.3_1	TP No.3_1	0.0	0.0031819	305.11E-6	-162.79E-6	2.9479	0.0033698	-64.751E-6	-162.79E-6	-	-
0	(Negligible)	24	TP No.3_2	TP No.3_2	0.0	0.0025469	0.014331	202.74E-6	2.9479	0.014407	-195.78E-6	202.74E-6	-	-
0	(Negligible)	25	TP No.3_3	TP No.3_3	0.0	21.362E-6	0.0	5.6984E-6	0.51011	25.642E-6	0.0	5.6984E-6	-	-
0	(Negligible)	26	TP No.3_4	TP No.3_4	0.0	2.7318E-6	0.0	-2.7746E-6	0.28172	2.5392E-6	0.0	-2.7746E-6	-	-
0	(Negligible)	27	Hospital No.1_1	Hospital No.1_1	0.0	0.0017228	-109.84E-6	135.57E-6	2.8191	0.0024813	-61.557E-6	135.57E-6	-	-
0	(Negligible)	28	Hospital No.1_2	Hospital No.1_2	0.0	0.0034357	0.0012927	173.41E-6	1.8052	0.0048288	-28.822E-6	173.41E-6	-	-
0	(Negligible)	29	Hospital No.1_3	Hospital No.1_3	0.0	4.6951E-6	0.0	-3.2191E-6	0.33611	6.4731E-6	0.0	-3.2191E-6	-	-
0	(Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	5.8464E-6	0.0	-7.0485E-6	0.43285	7.7605E-6	0.0	-7.0485E-6	-	-
0	(Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	5.0514E-6	0.0	4.1386E-6	0.43285	7.2598E-6	0.0	4.1386E-6	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature
0 (Negligible)		32	Hospital No.1_6	Hospital No.1_6	0.0	0.0044135	0.013077	-203.20E-6	2.8191	0.013217	-187.66E-6	-203.20E-6	-	-
0 (Negligible)		33	Hospital No.2_1	Hospital No.2_1	0.0	51.105E-6	132.82E-9	3.5152E-6	2.7058	68.700E-6	-1.3299E-9	3.5152E-6	-	-
0 (Negligible)		34	Hospital No.2_2	Hospital No.2_2	0.0	0.0047216	0.012869	191.36E-6	2.6401	0.013641	-194.04E-6	191.36E-6	-	-
0 (Negligible)		35	Hospital No.2_3	Hospital No.2_3	0.0	34.273E-6	0.0	-2.1489E-6	0.41061	37.944E-6	0.0	-2.1489E-6	-	-
0 (Negligible)		36	Hospital No.2_4	Hospital No.2_4	0.0	0.0047664	0.012954	-196.24E-6	2.7058	0.013731	-194.67E-6	-196.24E-6	-	-
0 (Negligible)		37	Hospital No.3_1	Hospital No.3_1	0.0	0.0012614	-0.0024221	-65.366E-6	2.6981	0.0023907	76.782E-6	-65.366E-6	-	-
0 (Negligible)		38	Hospital No.3_2	Hospital No.3_2	0.0	592.40E-6	0.011931	188.74E-6	2.6981	0.012754	-195.58E-6	188.74E-6	-	-
0 (Negligible)		39	Hospital No.3_3	Hospital No.3_3	0.0	9.3013E-6	0.0	2.3851E-6	1.1505	12.910E-6	0.0	2.3851E-6	-	-
0 (Negligible)		40	Hospital No.3_4	Hospital No.3_4	0.0	0.0036574	0.0	193.89E-6	1.1314	0.0047769	0.0	193.89E-6	-	-
0 (Negligible)		41	Hospital No.3_5	Hospital No.3_5	0.0	9.0903E-6	0.0	-2.0680E-6	0.42685	12.624E-6	0.0	-2.0680E-6	-	-
0 (Negligible)		42	Hospital No.3_6	Hospital No.3_6	0.0	10.805E-6	0.0	8.4952E-6	0.42685	14.198E-6	0.0	8.4952E-6	-	-
0 (Negligible)		43	Hospital No.3_7	Hospital No.3_7	0.0	19.968E-6	0.0	2.6445E-6	0.36134	22.566E-6	0.0	2.6445E-6	-	-
0 (Negligible)		44	Hospital No.3_8	Hospital No.3_8	0.0	0.0044477	0.0041261	-178.14E-6	1.8238	0.0056888	-86.113E-6	-178.14E-6	-	-
0 (Negligible)														

Specific Building Damage Results - Critical Segments within Each Building

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building Ref.	Specific Building: Name	Parameter	Critical Sub-Building Segment	Start [m]	End [m]	Curvature	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0 (Negligible)	1 (Very Slight)	0	Canal Side Studios_1	Max Slope	Canal Side Studios_1	5	29.168	35.000 Sagging	0.0033375	21.357	0.053748	-	521.50
0 (Negligible)				Max Settlement	Canal Side Studios_1	3	9.5679	20.199 Sagging	879.59E-6	23.993	0.024888	-	5369.8
0 (Negligible)				Max Tensile Strain	Canal Side Studios_1	5	29.168	35.000 Sagging	0.0033375	21.357	0.053748	-	521.50
0 (Negligible)	1 (Very Slight)			Min Radius of Curvature (Hogging)	Canal Side Studios_1	4	20.199	29.168 Hogging	587.82E-6	22.119	0.011476	9223.5	-
0 (Negligible)				Min Radius of Curvature (Sagging)	Canal Side Studios_1	5	29.168	35.000 Sagging	0.0033375	21.357	0.053748	-	521.50
0 (Negligible)		0	Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Max Settlement	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Max Tensile Strain	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Canal Side Studios_3	Max Slope	Canal Side Studios_3	1	0.0	35.000 Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Max Settlement	Canal Side Studios_3	1	0.0	35.000 Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Max Tensile Strain	Canal Side Studios_3	1	0.0	35.000 Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)	1 (Very Slight)	0	Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Max Settlement	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Max Tensile Strain	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)	1 (Very Slight)			Min Radius of Curvature (Hogging)	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_1	Max Slope	Beaumont Court_1	1	2.0031	2.7093 Sagging	120.52E-6	0.23567	0.0030023	-	136310.
0 (Negligible)				Max Settlement	Beaumont Court_1	2	2.7093	18.028 Sagging	120.52E-6	0.90109	0.0010356	-	75007.
0 (Negligible)				Max Tensile Strain	Beaumont Court_1	1	2.0031	2.7093 Sagging	120.52E-6	0.23567	0.0030023	-	136310.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	11.045 Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Max Settlement	Beaumont Court_2	1	0.0	11.045 Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Max Tensile Strain	Beaumont Court_2	1	0.0	11.045 Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_3	Max Slope	Beaumont Court_3	1	0.0	7.0000 Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Max Settlement	Beaumont Court_3	1	0.0	7.0000 Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Max Tensile Strain	Beaumont Court_3	1	0.0	7.0000 Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_4	Max Slope	Beaumont Court_4	1	0.0	12.817 Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Max Settlement	Beaumont Court_4	1	0.0	12.817 Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Max Tensile Strain	Beaumont Court_4	1	0.0	12.817 Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_5	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	Beaumont Court_6	Max Slope	Beaumont Court_6	2	53.950	72.164 Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Max Settlement	Beaumont Court_6	2	53.950	72.164 Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Max Tensile Strain	Beaumont Court_6	2	53.950	72.164 Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_1	Max Slope	TP No.1_1	1	0.0	5.5749 Sagging	521.66E-6	1.5007	0.011477	-	2838.0
0 (Negligible)				Max Settlement	TP No.1_1	1	0.0	5.5749 Sagging	521.66E-6	1.5007	0.011477	-	2838.0
0 (Negligible)				Max Tensile Strain	TP No.1_1	1	0.0	5.5749 Sagging	521.66E-6	1.5007	0.011477	-	2838.0



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Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature	Min Radius of Curvature
					Segment								
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_2	Max Slope	TP No.1_2	1	0.0	6.8719 Sagging	158.35E-6	0.54031	0.0029799	-	14568.
0 (Negligible)				Max Settlement	TP No.1_2	1	0.0	6.8719 Sagging	158.35E-6	0.54031	0.0029799	-	14568.
0 (Negligible)				Max Tensile Strain	TP No.1_2	1	0.0	6.8719 Sagging	158.35E-6	0.54031	0.0029799	-	14568.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_3	Max Slope	TP No.1_3	1	0.0	8.1816 Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Max Settlement	TP No.1_3	1	0.0	8.1816 Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Max Tensile Strain	TP No.1_3	1	0.0	8.1816 Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_4	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	TP No.1_5	Max Slope	TP No.1_5	1	5.9096	41.367 Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Max Settlement	TP No.1_5	1	5.9096	41.367 Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Max Tensile Strain	TP No.1_5	1	5.9096	41.367 Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_6	Max Slope	TP No.1_6	1	0.0	12.530 Sagging	9.2789E-6	0.51126	50.604E-6	-	1.3506E+6
0 (Negligible)				Max Settlement	TP No.1_6	1	0.0	12.530 Sagging	9.2789E-6	0.51126	50.604E-6	-	1.3506E+6
0 (Negligible)				Max Tensile Strain	TP No.1_6	1	0.0	12.530 Sagging	9.2789E-6	0.51126	50.604E-6	-	1.3506E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_7	Max Slope	TP No.1_7	1	0.0	16.553 Sagging	9.0949E-6	0.51126	72.277E-6	-	2.3246E+6
0 (Negligible)				Max Settlement	TP No.1_7	1	0.0	16.553 Sagging	9.0949E-6	0.51126	72.277E-6	-	2.3246E+6
0 (Negligible)				Max Tensile Strain	TP No.1_7	1	0.0	16.553 Sagging	9.0949E-6	0.51126	72.277E-6	-	2.3246E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_8	Max Slope	TP No.1_8	2	1.5714	9.6322 Sagging	185.36E-6	1.0869	0.0042105	-	23124.
0 (Negligible)				Max Settlement	TP No.1_8	3	9.6322	12.083 Sagging	177.41E-6	1.5007	490.42E-6	-	182160.
0 (Negligible)				Max Tensile Strain	TP No.1_8	2	1.5714	9.6322 Sagging	185.36E-6	1.0869	0.0042105	-	23124.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_1	Max Slope	TP No.2_1	2	33.908	39.812 Sagging	72.252E-6	1.5594	0.0014567	-	23675.
0 (Negligible)				Max Settlement	TP No.2_1	2	33.908	39.812 Sagging	72.252E-6	1.5594	0.0014567	-	23675.
0 (Negligible)				Max Tensile Strain	TP No.2_1	2	33.908	39.812 Sagging	72.252E-6	1.5594	0.0014567	-	23675.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_2	Max Slope	TP No.2_2	1	0.0	9.0916 Sagging	245.93E-6	1.5594	0.0044732	-	22700.
0 (Negligible)				Max Settlement	TP No.2_2	1	0.0	9.0916 Sagging	245.93E-6	1.5594	0.0044732	-	22700.
0 (Negligible)				Max Tensile Strain	TP No.2_2	1	0.0	9.0916 Sagging	245.93E-6	1.5594	0.0044732	-	22700.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_3	Max Slope	TP No.2_3	1	0.0	39.812 Sagging	68.725E-6	0.53984	482.33E-6	-	24575.
0 (Negligible)				Max Settlement	TP No.2_3	1	0.0	39.812 Sagging	68.725E-6	0.53984	482.33E-6	-	24575.
0 (Negligible)				Max Tensile Strain	TP No.2_3	1	0.0	39.812 Sagging	68.725E-6	0.53984	482.33E-6	-	24575.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.2_4	Max Slope	TP No.2_4	2	4.2111	10.296 Sagging	201.42E-6	1.0503	0.0037060	-	12432.
0 (Negligible)				Max Settlement	TP No.2_4	2	4.2111	10.296 Sagging	201.42E-6	1.0503	0.0037060	-	12432.
0 (Negligible)				Max Tensile Strain	TP No.2_4	2	4.2111	10.296 Sagging	201.42E-6	1.0503	0.0037060	-	12432.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_1	Max Slope	TP No.3_1	3	18.359	28.204 Sagging	162.79E-6	1.1664	0.0030502	-	32726.
0 (Negligible)				Max Settlement	TP No.3_1	4	28.204	50.990 Sagging	162.52E-6	2.9479	0.0033698	-	75990.
0 (Negligible)				Max Tensile Strain	TP No.3_1	4	28.204	50.990 Sagging	162.52E-6	2.9479	0.0033698	-	75990.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_2	Max Slope	TP No.3_2	2	7.7962	13.416 Sagging	202.74E-6	1.4273	0.0025116	-	13355.
0 (Negligible)				Max Settlement	TP No.3_2	1	0.0	7.7962 Sagging	201.19E-6	2.9479	0.014407	-	484630.
0 (Negligible)				Max Tensile Strain	TP No.3_2	1	0.0	7.7962 Sagging	201.19E-6	2.9479	0.014407	-	484630.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.3_3	Max Slope	TP No.3_3	1	0.0	23.257 Sagging	5.6984E-6	0.51011	25.642E-6	-	7.3128E+6
0 (Negligible)				Max Settlement	TP No.3_3	1	0.0	23.257 Sagging	5.6984E-6	0.51011	25.642E-6	-	7.3128E+6
0 (Negligible)				Max Tensile Strain	TP No.3_3	1	0.0	23.257 Sagging	5.6984E-6	0.51011	25.642E-6	-	7.3128E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature	Min Radius of Curvature
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	TP No.3_4	TP No.3_4	Max Slope	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Max Settlement	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Max Tensile Strain	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
-	-	-	-	Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.1_1	Hospital No.1_1	Max Slope	Hospital No.1_1	1	0.0	12.000	Sagging	135.57E-6	2.8191	0.0024813	-	64038.
0 (Negligible)				Max Settlement	Hospital No.1_1	1	0.0	12.000	Sagging	135.57E-6	2.8191	0.0024813	-	64038.
0 (Negligible)				Max Tensile Strain	Hospital No.1_1	1	0.0	12.000	Sagging	135.57E-6	2.8191	0.0024813	-	64038.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.1_2	Hospital No.1_2	Max Slope	Hospital No.1_2	2	4.3420	13.614	Sagging	173.41E-6	1.1207	0.0048288	-	28320.
0 (Negligible)				Max Settlement	Hospital No.1_2	1	0.0	4.3420	Sagging	167.79E-6	1.8052	0.0015053	-	214040.
0 (Negligible)				Max Tensile Strain	Hospital No.1_2	2	4.3420	13.614	Sagging	173.41E-6	1.1207	0.0048288	-	28320.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.1_3	Hospital No.1_3	Max Slope	Hospital No.1_3	1	0.0	0.11312	Sagging	3.2191E-6	0.26814	35.763E-9	-	10.485E+9
0 (Negligible)				Max Settlement	Hospital No.1_3	2	0.11312	22.000	Sagging	3.2191E-6	0.33611	6.4731E-6	-	29.381E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_3	2	0.11312	22.000	Sagging	3.2191E-6	0.33611	6.4731E-6	-	29.381E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.1_4	Hospital No.1_4	Max Slope	Hospital No.1_4	1	0.0	8.1385	Sagging	7.0485E-6	0.39217	7.7605E-6	-	12.244E+6
0 (Negligible)				Max Settlement	Hospital No.1_4	2	8.1385	14.000	Sagging	7.0485E-6	0.43285	5.1856E-6	-	9.8448E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_4	1	0.0	8.1385	Sagging	7.0485E-6	0.39217	7.7605E-6	-	12.244E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.1_5	Hospital No.1_5	Max Slope	Hospital No.1_5	1	0.0	10.000	Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Max Settlement	Hospital No.1_5	1	0.0	10.000	Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_5	1	0.0	10.000	Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.1_6	Hospital No.1_6	Max Slope	Hospital No.1_6	2	5.8321	15.264	Sagging	203.20E-6	1.2907	0.0062429	-	21568.
0 (Negligible)				Max Settlement	Hospital No.1_6	3	15.264	23.000	Sagging	202.03E-6	2.8191	0.013217	-	729950.
0 (Negligible)				Max Tensile Strain	Hospital No.1_6	3	15.264	23.000	Sagging	202.03E-6	2.8191	0.013217	-	729950.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.2_1	Hospital No.2_1	Max Slope	Hospital No.2_1	1	0.0	22.983	Sagging	3.5152E-6	2.7058	68.700E-6	-	4.1643E+6
0 (Negligible)				Max Settlement	Hospital No.2_1	1	0.0	22.983	Sagging	3.5152E-6	2.7058	68.700E-6	-	4.1643E+6
0 (Negligible)				Max Tensile Strain	Hospital No.2_1	1	0.0	22.983	Sagging	3.5152E-6	2.7058	68.700E-6	-	4.1643E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.2_2	Hospital No.2_2	Max Slope	Hospital No.2_2	1	0.0	8.1787	Sagging	191.36E-6	2.6401	0.013641	-	125060.
0 (Negligible)				Max Settlement	Hospital No.2_2	1	0.0	8.1787	Sagging	191.36E-6	2.6401	0.013641	-	125060.
0 (Negligible)				Max Tensile Strain	Hospital No.2_2	1	0.0	8.1787	Sagging	191.36E-6	2.6401	0.013641	-	125060.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.2_3	Hospital No.2_3	Max Slope	Hospital No.2_3	1	0.0	32.000	Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Max Settlement	Hospital No.2_3	1	0.0	32.000	Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Max Tensile Strain	Hospital No.2_3	1	0.0	32.000	Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.2_4	Hospital No.2_4	Max Slope	Hospital No.2_4	3	20.073	27.747	Sagging	196.24E-6	1.3012	0.0061452	-	20985.
0 (Negligible)				Max Settlement	Hospital No.2_4	4	27.747	36.000	Sagging	191.40E-6	2.7058	0.013731	-	127810.
0 (Negligible)				Max Tensile Strain	Hospital No.2_4	4	27.747	36.000	Sagging	191.40E-6	2.7058	0.013731	-	127810.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.3_1	Hospital No.3_1	Max Slope	Hospital No.3_1	3	8.4212	19.164	Sagging	65.366E-6	2.6755	683.53E-6	-	85194.
0 (Negligible)				Max Settlement	Hospital No.3_1	5	24.560	31.000	Sagging	2.2390E-6	2.6981	10.908E-6	-	8.2545E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_1	2	0.32138	8.4212	Sagging	64.357E-6	2.3334	0.0023907	-	1.0638E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.3_2	Hospital No.3_2	Max Slope	Hospital No.3_2	1	0.0	9.0000	Sagging	188.74E-6	2.6981	0.012754	-	125880.
0 (Negligible)				Max Settlement	Hospital No.3_2	1	0.0	9.0000	Sagging	188.74E-6	2.6981	0.012754	-	125880.
0 (Negligible)				Max Tensile Strain	Hospital No.3_2	1	0.0	9.0000	Sagging	188.74E-6	2.6981	0.012754	-	125880.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-	-	-	-	Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)	0	Hospital No.3_3	Hospital No.3_3	Max Slope	Hospital No.3_3	1	0.0	9.0000	Sagging	2.3851E-6	1.1505	12.910E-6	-	8.4236E+6
0 (Negligible)				Max Settlement	Hospital No.3_3	1	0.0	9.0000	Sagging	2.3851E-6	1.1505	12.910E-6	-	8.4236E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_3	1	0.0	9.0000	Sagging	2.3851E-6	1.1505	12.910E-6	-	8.4236E+6



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature	Min Radius of Curvature
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_4	Max Slope	Hospital No.3_4	1	0.0	7.8676	Sagging	193.89E-6	1.1314	0.0047769	-	21449.
0 (Negligible)				Max Settlement	Hospital No.3_4	1	0.0	7.8676	Sagging	193.89E-6	1.1314	0.0047769	-	21449.
0 (Negligible)				Max Tensile Strain	Hospital No.3_4	1	0.0	7.8676	Sagging	193.89E-6	1.1314	0.0047769	-	21449.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_5	Max Slope	Hospital No.3_5	1	0.0	9.0000	Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
0 (Negligible)				Max Settlement	Hospital No.3_5	1	0.0	9.0000	Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_5	1	0.0	9.0000	Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_6	Max Slope	Hospital No.3_6	1	0.0	8.0000	Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Max Settlement	Hospital No.3_6	1	0.0	8.0000	Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_6	1	0.0	8.0000	Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_7	Max Slope	Hospital No.3_7	1	0.0	31.000	Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Max Settlement	Hospital No.3_7	1	0.0	31.000	Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_7	1	0.0	31.000	Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_8	Max Slope	Hospital No.3_8	3	29.365	36.925	Sagging	178.14E-6	1.1319	0.0056888	-	21946.
0 (Negligible)				Max Settlement	Hospital No.3_8	4	36.925	41.000	Sagging	178.14E-6	1.8238	0.0042755	-	266720.
0 (Negligible)				Max Tensile Strain	Hospital No.3_8	3	29.365	36.925	Sagging	178.14E-6	1.1319	0.0056888	-	21946.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Make by MK	Date 06-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δa//	δperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	15.011	1.9491	-6.5270	90.000
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	17.190	0.17967	-8.4606	90.000
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	17.926	0.18046	-8.4978	90.000
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	18.583	0.18125	-8.5350	90.000
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18204	19.610	0.18204	-8.5724	90.000
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	21.291	0.18284	-8.6098	90.000
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	23.002	0.18364	-8.6473	90.000
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	23.852	0.18443	-8.6849	90.000
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	23.998	0.18523	-8.7225	90.000
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	23.559	0.18603	-8.7603	90.000
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	22.562	0.18684	-8.7981	90.000
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	21.419	0.18764	-8.8360	90.000
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	20.552	0.18845	-8.8740	90.000
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	20.155	0.18926	-8.9121	90.000
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	20.190	0.19007	-8.9502	90.000
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	20.531	0.19088	-8.9884	90.000
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	21.358	0.19169	-9.0267	90.000
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	20.914	-2.9486	-5.8175	90.000
				35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	14.433	-5.5348	-2.2007	90.000
2			Canal Side Studios_2	0.0	6.00000	49.00000	22.00000	2.2007	-5.5348	14.433	-5.5348	-2.2007	90.000
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	10.554	-3.8355	2.9855	180.00
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	7.2311	-4.0090	1.7143	180.00
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	4.8506	-3.5840	1.0333	180.00
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.9965	-2.9103	0.62661	180.00
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.36128	2.1154	0.36128	180.00	0.00
				12.000	-6.00000	49.00000	22.00000	1.4250	-0.20081	0.50714	-1.4250	0.20081	180.00
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	-0.23129	-0.80587	0.096336	180.00
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	-0.61477	-0.15972	0.016532	180.00
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	-0.71317	0.0	0.0	180.00
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	-0.74319	0.0	0.0	180.00
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	-0.74319	0.0	0.0	270.00
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	-0.74855	0.0	0.0	270.00
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	-0.75343	0.0	0.0	270.00
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	-0.75795	0.0	0.0	270.00
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	-0.76213	0.0	0.0	270.00
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	-0.76584	0.0	0.0	270.00
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	-0.76893	0.0	0.0	270.00
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	-0.77130	0.0	0.0	270.00
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	-0.77289	0.0	0.0	270.00
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	-0.77397	0.0	0.0	270.00
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	-0.77397	0.0	0.0	270.00
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	-0.77367	0.0	0.0	270.00
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	-0.77295	0.0	0.0	270.00
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	-0.77189	0.0	0.0	270.00
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	-0.77050	0.0	0.0	270.00
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	-0.76873	0.0	0.0	270.00
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	-0.76648	0.0	0.0	270.00
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	-0.76356	0.0	0.0	270.00
4			Canal Side Studios_4	0.0	-14.00000	14.00000	22.00000	0.0	0.0	-0.75969	0.0	0.0	270.00
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	-0.73249	0.0	0.0	0.00
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	-0.66981	0.0017685	60.569E-6	0.00
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	-0.47071	0.73877	0.027827	0.00
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	0.23217	1.4692	0.061841	0.00
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	1.2296	2.1897	0.10522	0.00
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	2.6181	3.2402	0.18309	0.00
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.4176	4.2827	0.29736	0.00
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	6.6167	5.3100	0.48657	0.00
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	9.3400	6.2339	0.86336	0.00
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	15.011	6.5270	1.9491	0.00
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	-0.0017964	0.0099846	-0.17972	176.82
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.15055	0.012296	-0.22133	176.82
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.39197	0.072435	-1.3038	176.82
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.48392	0.074746	-1.3454	176.82
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.56952	0.07057	-1.3870	176.82
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.64790	0.079368	-1.4286	176.82
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.71933	0.081680	-1.4702	176.82
				14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.78470	0.083991	-1.5118	176.82
				16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.84502	0.086302	-1.5534	176.82
				18.028	27.00000	0.99999	20.00000	0.0	1.5975	0.90109	0.088613	-1.5950	176.82
				0.0	27.00000	1.00000	20.00000	0.0	1.5975	0.90109	-1.5909	-0.14463	264.81
6			Beaumont Court_2	0.0	26.00000	-10.00000	20.00000	0.0	0.91000	0.075873	-0.90626	-0.082388	264.81
				3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.29340	-0.22159	-0.020144	264.81
				5.5227	26.50000	-4.50000	20.00000	0.0	0.0	-0.47084	0.0	0.0	264.81
				7.3636	26.3333	-6.3333	20.00000	0.0	0.0	-0.55460	0.0	0.0	264.81
				9.2045	26.16667	-8.16667	20.00000	0.0	0.0	-0.60151	0.0	0.0	264.81
				11.045	26.00000	-10.00000	20.00000	0.0	0.0	-0.62218	0.0	0.0	264.81
7			Beaumont Court_3	0.0	26.00000	-10.00000	20.00000	0.0	0.0	-0.62218	0.0	0.0	0.00
				1.7500	27.75000	-10.00000							



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	-0.027123	0.0	86.135 *	
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	-0.035336	0.0	86.135 *	
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	-0.044464	0.0	86.135 *	
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	-0.054589	0.0	86.135 *	
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	-0.065799	0.0	86.135 *	
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	-0.078184	0.0	86.135 *	
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	-0.091835	0.0	86.135 *	
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	-0.10685	0.0	86.135 *	
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	-0.12331	0.0	86.135 *	
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	-0.14130	0.0	86.135 *	
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	-0.16090	0.0	86.135 *	
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	-0.18215	0.0	86.135 *	
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	-0.20509	0.0	86.135 *	
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	-0.22968	0.0	86.135 *	
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	-0.25586	0.0	86.135 *	
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	-0.28344	0.0	86.135 *	
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	-0.31216	0.0	86.135 *	
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	-0.34157	0.0	86.135 *	
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	-0.37099	0.0	86.135 *	
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	-0.39945	0.0	86.135 *	
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	-0.42557	0.0	86.135 *	
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	-0.44737	0.0	86.135 *	
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	-0.46210	0.0	86.135 *	
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	-0.46587	0.0	86.135 *	
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	-0.45321	0.0	86.135 *	
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	-0.41636	0.0	86.135 *	
					72.164	44.86486	-2.00000	20.00000	0.0	29.449E-12	-0.34421	29.382E-12	1.9853E-12	86.135 *
					74.169	45.00000	0.00000	20.00000	0.0	0.18000	-0.0017964	0.17959	0.021314	86.135 *
11		TP No.1_1			0.0	96.00000	-16.00000	20.00000	2.0408	5.0503	3.5456	0.43318	-5.4298	153.43 *
					1.8634	94.33333	-15.16667	20.00000	0.42268	1.1171	0.68376	0.12152	-1.1882	153.43 *
					3.7268	92.66667	-14.33333	20.00000	0.44784	1.1836	0.70069	0.12875	-1.2589	153.43 *
					5.5902	91.00000	-13.50000	20.00000	0.47300	1.2501	0.71677	0.13598	-1.3296	153.43 *
					7.4536	89.33333	-12.66667	20.00000	0.49816	1.3166	0.73190	0.14332	-1.4033	153.43 *
					9.3169	87.66667	-11.83333	20.00000	0.52332	1.3830	0.74594	0.15045	-1.4711	153.43 *
					11.180	86.00000	-11.00000	20.00000	0.54847	1.4495	0.75870	0.15768	-1.5418	153.43 *
12		TP No.1_2			0.0	86.00000	-11.00000	20.00000	0.54847	1.4495	0.75870	0.15768	-1.5418	153.43 *
					1.8634	85.16667	-12.66667	20.00000	0.30247	0.79938	0.35981	-0.85026	-0.086958	243.43 *
					3.7268	84.33333	-14.33333	20.00000	0.056462	0.14922	0.19904	-0.15872	-0.016233	243.43 *
					5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.20452	0.0	0.0	243.43 *
					7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.23186	0.0	0.0	243.43 *
					9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.24961	0.0	0.0	243.43 *
					11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.25992	0.0	0.0	243.43 *
13		TP No.1_3			0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.25992	0.0	0.0	155.22 *
					2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.22642	0.0	0.0	155.22 *
					4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.19056	0.0	0.0	155.22 *
					6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.15236	0.0	0.0	155.22 *
					8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.11189	0.0	0.0	155.22 *
					10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.069246	0.0	0.0	155.22 *
					12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.024633	0.0	0.0	155.22 *
14		TP No.1_4			14.318	68.00000	-15.00000	20.00000	0.0	0.0	-0.021688	0.0	0.0	155.22 *
					0.0	68.00000	-15.00000	20.00000	0.0	0.0	-0.021688	0.0	0.0	246.50 *
					2.0900	67.16667	-16.91667	20.00000	0.0	0.0	-0.0015336	0.0	0.0	246.50 *
					4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.012592	0.0	0.0	246.50 *
					6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.022265	0.0	0.0	246.50 *
					8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.028677	0.0	0.0	246.50 *
					10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.032728	0.0	0.0	246.50 *
					12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.035094	0.0	0.0	246.50 *
15		TP No.1_5			0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.035094	0.0	0.0	333.43 *
					1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.068240	0.0	0.0	333.43 *
					3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.099809	0.0	0.0	333.43 *
					5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.12976	0.0	0.0	333.43 *
					7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.15805	0.0	0.0	333.43 *
					9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.18469	0.0	0.0	333.43 *
					11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.20968	0.0	0.0	333.43 *
					13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.23303	0.0	0.0	333.43 *
					15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.25478	0.0	0.0	333.43 *
					17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.27494	0.0	0.0	333.43 *
					19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.29358	0.0	0.0	333.43 *
					21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.31072	0.0	0.0	333.43 *
					23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.32642	0.0	0.0	333.43 *
					25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.34073	0.0	0.0	333.43 *
					27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.35369	0.0	0.0	333.43 *
					29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.36537	0.0	0.0	333.43 *
					31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.37581	0.0	0.0	333



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	ΔR//	ΔRperp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				23.887	128.60000	-43.20000	20.00000	0.20953	0.51852	0.62576	-0.031939	0.55834	334.72
				25.979	130.40000	-44.05000	20.00000	0.19356	0.47899	0.61604	-0.029504	0.51578	334.72
				27.868	132.20000	-44.90000	20.00000	0.17759	0.43946	0.60550	-0.027070	0.47322	334.72
				29.859	134.00000	-45.75000	20.00000	0.16162	0.39994	0.59414	-0.024635	0.43065	334.72
				31.850	135.80000	-46.60000	20.00000	0.14564	0.36041	0.58198	-0.022200	0.38809	334.72
				33.840	137.60000	-47.45000	20.00000	0.12967	0.32089	0.56904	-0.019766	0.34553	334.72
				35.831	139.40000	-48.30000	20.00000	0.11370	0.28136	0.55535	-0.017331	0.30297	334.72
				37.821	141.20000	-49.15000	20.00000	0.097726	0.24183	0.54091	-0.014896	0.26041	334.72
				39.812	143.00000	-50.00000	20.00000	0.081753	0.20231	0.526617	-0.012461	0.21785	334.72
22	TP No.2_4			0.0	143.00000	-50.00000	20.00000	0.081753	0.20231	0.39710	0.21655	0.026784	60.945
				2.0591	144.00000	-48.20000	20.00000	0.36887	0.91282	0.63486	0.37709	0.12085	60.945
				4.1183	145.00000	-46.40000	20.00000	0.61565	1.6233	1.73112	1.7192	0.01945	60.945
				6.1174	146.00000	-44.60000	20.00000	0.94311	2.3338	0.88235	2.4982	0.30899	60.945
				8.2365	147.00000	-42.80000	20.00000	1.2302	3.0444	1.2481	3.2587	0.40305	60.945
				10.296	148.00000	-41.00000	20.00000	1.5174	3.7549	2.0436	4.0192	0.49712	60.945
23	TP No.3_1			0.0	200.00000	-55.00000	20.00000	0.0	0.0	0.28172	0.0	0.0	154.44
				2.0396	198.16000	-54.12000	20.00000	0.0	0.0	0.29295	0.0	0.0	154.44
				4.0792	196.32000	-53.24000	20.00000	0.0	0.0	0.30453	0.0	0.0	154.44
				6.1188	194.48000	-52.36000	20.00000	0.0	0.0	0.31646	0.0	0.0	154.44
				8.1584	192.64000	-51.48000	20.00000	0.0	0.0	0.32870	0.0	0.0	154.44
				10.198	190.80000	-50.60000	20.00000	0.0	0.0	0.34123	0.0	0.0	154.44
				12.238	188.96000	-49.72000	20.00000	0.0	0.0	0.35400	0.0	0.0	154.44
				14.277	187.12000	-48.84000	20.00000	-0.13931	0.28500	0.43087	0.24864	-0.19700	154.44
				16.317	185.28000	-47.96000	20.00000	-0.40256	0.82359	0.51649	0.71851	-0.56930	154.44
				18.356	183.44000	-47.08000	20.00000	-0.66582	1.3622	0.59115	1.1884	-0.94159	154.44
				20.396	181.60000	-46.20000	20.00000	-0.92908	1.9008	0.68928	1.6582	-1.3139	154.44
				22.436	179.76000	-45.32000	20.00000	-1.1923	2.4394	0.83801	2.1278	-2.0458	154.44
				24.475	177.92000	-44.44000	20.00000	-1.4556	2.9779	1.1851	2.5980	-2.0585	154.44
				26.515	176.08000	-43.56000	20.00000	-1.7188	3.5165	1.8071	3.0679	-2.4308	154.44
				28.555	174.24000	-42.68000	20.00000	-1.9821	4.0551	2.5176	3.5377	-2.8031	154.44
				30.594	172.40000	-41.80000	20.00000	-1.9259	4.5915	3.2944	3.7184	-3.3113	154.44
				32.634	170.56000	-40.92000	20.00000	-1.7541	5.1202	4.0916	4.0961	-3.0451	154.44
				34.673	168.72000	-40.04000	20.00000	-1.4255	5.8902	4.8707	3.8273	-4.6987	154.44
				36.713	166.88000	-39.16000	20.00000	-0.85997	6.5162	5.5890	3.5872	-5.5074	154.44
				38.753	165.04000	-38.28000	20.00000	-0.045024	7.0599	6.2045	3.0867	-6.3496	154.44
				40.792	163.20000	-37.40000	20.00000	1.0056	7.4981	6.6802	2.3279	-7.1981	154.44
				42.832	161.36000	-36.52000	20.00000	2.2364	6.9878	6.9878	1.3499	-8.0058	154.44
				44.871	159.52000	-35.64000	20.00000	3.2130	7.9509	7.1165	0.53192	-8.5591	154.44
				46.911	157.68000	-34.76000	20.00000	3.2404	8.0186	7.1908	0.53645	-8.6320	154.44
				48.951	155.84000	-33.88000	20.00000	3.2678	8.0865	7.2625	0.54099	-8.7050	154.44
				50.990	154.00000	-33.00000	20.00000	3.2953	8.1545	7.3313	0.54554	-8.7782	154.44
24	TP No.3_2			0.0	154.00000	-33.00000	20.00000	3.2953	8.1545	7.3313	0.54554	-8.7782	154.44
				1.9166	153.14286	-34.71429	20.00000	2.8858	7.1412	6.1909	-7.6778	-0.61252	243.43
				3.8333	152.28571	-36.42857	20.00000	2.4854	6.1504	5.0500	-10.5275	-0.52753	243.43
				5.7499	151.42857	-38.14286	20.00000	2.0898	5.1715	3.9623	-5.5602	-0.44358	243.43
				7.6665	150.57143	-39.85714	20.00000	1.6936	4.1933	2.9666	-4.7933	-0.38240	243.43
				9.5831	149.71429	-41.57143	20.00000	1.3332	3.7940	2.0862	-4.0791	-0.32542	243.43
				11.500	148.85714	-43.28571	20.00000	1.2647	3.1297	1.3300	-3.3649	-0.26844	243.43
25	TP No.3_3			13.416	148.00000	-45.00000	20.00000	0.99629	2.4654	0.91340	-2.6507	-0.21147	243.43
				0.0	148.00000	-45.00000	20.00000	0.99629	2.4654	0.91340	-0.11756	2.6565	335.46
				2.0227	149.84000	-45.84000	20.00000	0.98172	2.4394	0.89601	-0.1608	2.6230	335.46
				4.0453	151.68000	-46.68000	20.00000	0.97116	2.4033	0.87830	-0.11460	2.5895	335.46
				6.0680	153.52000	-47.52000	20.00000	0.95860	2.3722	0.86029	-0.11312	2.5560	335.46
				8.0907	155.36000	-48.36000	20.00000	0.91029	2.3389	0.84181	-0.14323	2.5057	335.46
				10.113	157.20000	-49.20000	20.00000	0.70364	2.2647	0.81409	-0.30041	2.3524	335.46
				12.136	159.04000	-50.04000	20.00000	0.49133	2.1390	0.77491	-0.4426	2.1331	335.46
				14.159	160.88000	-50.88000	20.00000	0.31023	1.9642	0.72819	-0.63352	1.9157	335.46
				16.181	162.72000	-51.72000	20.00000	0.14845	1.7434	0.67829	-0.88898	1.6476	335.46
				18.204	164.56000	-52.56000	20.00000	0.022945	1.4799	0.62883	-0.59372	1.3558	335.46
				20.227	166.40000	-53.40000	20.00000	-0.059616	1.1773	0.58119	-0.54315	1.0462	335.46
				22.249	168.24000	-54.24000	20.00000	-0.094881	0.83920	0.53291	-0.43483	0.72401	335.46
				24.272	170.08000	-55.08000	20.00000	-0.080544	0.46915	0.47609	-0.26810	0.39333	335.46
				26.295	171.92000	-55.92000	20.00000	-0.015964	0.070475	0.39570	-0.043790	0.057480	335.46
				28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.36149	0.0	0.0	335.46
				30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.35016	0.0	0.0	335.46
				32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.33895	0.0	0.0	335.46
				34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.32791	0.0	0.0	335.46
				36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.31706	0.0	0.0	335.46
				38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.30643	0.0	0.0	335.46
				40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.29602	0.0</		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δA//	δPerp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					11.500	200.50000	-19.00000	19.00000	-3.1703	0.072198	1.1115	3.1703	-0.072198	180.00	*
					13.417	198.58333	-19.00000	19.00000	-3.8752	0.095642	1.8409	3.8752	-0.095642	180.00	*
					15.333	196.66667	-19.00000	19.00000	-4.5774	0.12334	2.6955	4.5774	-0.12334	180.00	*
					17.250	194.75000	-19.00000	19.00000	-5.2761	0.15657	3.6701	5.2761	-0.15657	180.00	*
					19.167	192.83333	-19.00000	19.00000	-6.2809	0.20750	4.7447	6.2809	-0.20750	180.00	*
					21.083	190.91667	-19.00000	19.00000	-7.3092	0.27242	5.8839	7.3092	-0.27242	180.00	*
					23.000	189.00000	-19.00000	19.00000	-8.3470	0.35701	7.0376	8.3470	-0.35701	180.00	*
33	Hospital No.2_1			0.0	189.00000	37.00000	19.00000	-8.6485	0.022138	6.9882	-0.022138	-8.6485	270.00	*	
				2.000	189.00000	35.00000	19.00000	-8.6456	0.022131	6.9856	-0.022131	-8.6456	270.00	*	
				4.000	189.00000	33.00000	19.00000	-8.6426	0.022123	6.9830	-0.022123	-8.6426	270.00	*	
				6.000	189.00000	31.00000	19.00000	-8.6396	0.022115	6.9798	-0.022115	-8.6396	270.00	*	
				8.000	189.00000	29.00000	19.00000	-8.6367	0.022108	6.9760	-0.022108	-8.6367	270.00	*	
				10.000	189.00000	27.00000	19.00000	-8.6337	0.022100	6.9713	-0.022100	-8.6337	270.00	*	
				12.000	189.00000	25.00000	19.00000	-8.6308	0.022093	6.9656	-0.022093	-8.6308	270.00	*	
				14.000	189.00000	23.00000	19.00000	-8.6278	0.022085	6.9599	-0.022085	-8.6278	270.00	*	
				16.000	189.00000	21.00000	19.00000	-8.6249	0.022078	6.9516	-0.022078	-8.6249	270.00	*	
				18.000	189.00000	19.00000	19.00000	-8.6219	0.022070	6.9439	-0.022070	-8.6219	270.00	*	
				20.000	189.00000	17.00000	19.00000	-8.6189	0.022062	6.9356	-0.022062	-8.6189	270.00	*	
				22.000	189.00000	15.00000	19.00000	-8.6160	0.022055	6.9268	-0.022055	-8.6160	270.00	*	
				24.000	189.00000	13.00000	19.00000	-8.6130	0.022047	6.9177	-0.022047	-8.6130	270.00	*	
				26.000	189.00000	11.00000	19.00000	-8.6101	0.022040	6.9088	-0.022040	-8.6101	270.00	*	
				28.000	189.00000	9.00000	19.00000	-8.6071	0.022032	6.9008	-0.022032	-8.6071	270.00	*	
				30.000	189.00000	7.00000	19.00000	-8.6042	0.022025	6.8942	-0.022025	-8.6042	270.00	*	
34	Hospital No.2_2			32.000	189.00000	5.00000	19.00000	-8.6012	0.022017	6.8895	-0.022017	-8.6012	270.00	*	
				0.0	189.00000	5.00000	19.00000	-8.6012	0.022017	6.8895	-8.6012	0.022017	0.0	*	
				2.000	191.00000	5.00000	19.00000	-7.4630	0.019104	5.7721	-7.4630	0.019104	0.0	*	
				4.000	193.00000	5.00000	19.00000	-6.3488	0.016251	4.6461	-6.3488	0.016251	0.0	*	
				6.000	195.00000	5.00000	19.00000	-5.2987	0.013563	3.5750	-5.2987	0.013563	0.0	*	
				8.000	197.00000	5.00000	19.00000	-4.5487	0.011644	2.6026	-4.5487	0.011644	0.0	*	
				10.000	199.00000	5.00000	19.00000	-3.7987	0.009728	1.7532	-3.7987	0.009728	0.0	*	
				12.000	201.00000	5.00000	19.00000	-3.0487	0.0078039	1.0465	-3.0487	0.0078039	0.0	*	
				14.000	203.00000	5.00000	19.00000	-2.2987	0.0058841	0.84153	-2.2987	0.0058841	0.0	*	
				16.000	205.00000	5.00000	19.00000	-1.5487	0.0039643	0.72098	-1.5487	0.0039643	0.0	*	
				18.000	207.00000	5.00000	19.00000	-0.79872	0.0020445	0.63543	-0.79872	0.0020445	0.0	*	
				20.000	209.00000	5.00000	19.00000	-0.048724	124.725	-6.51737	-0.048724	124.725	0.0	*	
				22.000	211.00000	5.00000	19.00000	0.0	0.0	0.48740	0.0	0.0	0.0	*	
				24.000	213.00000	5.00000	19.00000	0.0	0.0	0.47313	0.0	0.0	0.0	*	
				26.000	215.00000	5.00000	19.00000	0.0	0.0	0.45797	0.0	0.0	0.0	*	
				28.000	217.00000	5.00000	19.00000	0.0	0.0	0.44230	0.0	0.0	0.0	*	
				30.000	219.00000	5.00000	19.00000	0.0	0.0	0.42639	0.0	0.0	0.0	*	
				32.000	221.00000	5.00000	19.00000	0.0	0.0	0.41046	0.0	0.0	0.0	*	
				34.000	223.00000	5.00000	19.00000	0.0	0.0	0.39469	0.0	0.0	0.0	*	
				36.000	225.00000	5.00000	19.00000	0.0	0.0	0.37918	0.0	0.0	0.0	*	
35	Hospital No.2_3			0.0	225.00000	5.00000	19.00000	0.0	0.0	0.37918	0.0	0.0	90.000	*	
				2.000	225.00000	7.00000	19.00000	0.0	0.0	0.38347	0.0	0.0	90.000	*	
				4.000	225.00000	9.00000	19.00000	0.0	0.0	0.38750	0.0	0.0	90.000	*	
				6.000	225.00000	11.00000	19.00000	0.0	0.0	0.39124	0.0	0.0	90.000	*	
				8.000	225.00000	13.00000	19.00000	0.0	0.0	0.39469	0.0	0.0	90.000	*	
				10.000	225.00000	15.00000	19.00000	0.0	0.0	0.39783	0.0	0.0	90.000	*	
				12.000	225.00000	17.00000	19.00000	0.0	0.0	0.40064	0.0	0.0	90.000	*	
				14.000	225.00000	19.00000	19.00000	0.0	0.0	0.40312	0.0	0.0	90.000	*	
				16.000	225.00000	21.00000	19.00000	0.0	0.0	0.40527	0.0	0.0	90.000	*	
				18.000	225.00000	23.00000	19.00000	0.0	0.0	0.40706	0.0	0.0	90.000	*	
				20.000	225.00000	25.00000	19.00000	0.0	0.0	0.40849	0.0	0.0	90.000	*	
				22.000	225.00000	27.00000	19.00000	0.0	0.0	0.40957	0.0	0.0	90.000	*	
				24.000	225.00000	29.00000	19.00000	0.0	0.0	0.41027	0.0	0.0	90.000	*	
				26.000	225.00000	31.00000	19.00000	0.0	0.0	0.41061	0.0	0.0	90.000	*	
				28.000	225.00000	33.00000	19.00000	0.0	0.0	0.41058	0.0	0.0	90.000	*	
				30.000	225.00000	35.00000	19.00000	0.0	0.0	0.41018	0.0	0.0	90.000	*	
				32.000	225.00000	37.00000	19.00000	0.0	0.0	0.40941	0.0	0.0	90.000	*	
36	Hospital No.2_4			0.0	225.00000	37.00000	19.00000	0.0	0.0	0.40941	0.0	0.0	180.00	*	
				2.000	223.00000	37.00000	19.00000	0.0	0.0	0.42671	0.0	0.0	180.00	*	
				4.000	221.00000	37.00000	19.00000	0.0	0.0	0.44433	0.0	0.0	180.00	*	
				6.000	219.00000	37.00000	19.00000	0.0	0.0	0.46213	0.0	0.0	180.00	*	
				8.000	217.00000	37.00000	19.00000	0.0	0.0	0.47994	0.0	0.0	180.00	*	
				10.000	215.00000	37.00000	19.00000	0.0	0.0	0.49750	0.0	0.0	180.00	*	
				12.000	213.00000	37.00000	19.00000	0.0	0.0	0.51451	0.0	0.0	180.00	*	
				14.000	211.00000	37.00000	19.00000	0.0	0.0	0.53056	0.0	0.0	180.00	*	
				16.000	209.00000	37.00000	19.00000	-0.079441	203.355	-6.56822	0.079441	-203.355	180.00	*	
				18.000	207.00000	37.00000	19.00000	-0.82944	0.0021.						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δa//	Δiperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					17.438	230.00000	63.43750	19.00000	0.0	0.0	0.33236	0.0	0.0 90.000 *
					19.375	230.00000	65.37500	19.00000	0.0	0.0	0.32808	0.0	0.0 90.000 *
					21.313	230.00000	67.31250	19.00000	0.0	0.0	0.32363	0.0	0.0 90.000 *
					23.250	230.00000	69.25000	19.00000	0.0	0.0	0.31902	0.0	0.0 90.000 *
					25.188	230.00000	71.18750	19.00000	0.0	0.0	0.31426	0.0	0.0 90.000 *
					27.125	230.00000	73.12500	19.00000	0.0	0.0	0.30937	0.0	0.0 90.000 *
					29.063	230.00000	75.06250	19.00000	0.0	0.0	0.30436	0.0	0.0 90.000 *
					31.000	230.00000	77.00000	19.00000	0.0	0.0	0.29923	0.0	0.0 90.000 *
	44		Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	0.29923	0.0	0.0 180.00 *
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	0.31092	0.0	0.0 180.00 *
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	0.32297	0.0	0.0 180.00 *
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	0.33536	0.0	0.0 180.00 *
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	0.34803	0.0	0.0 180.00 *
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	0.36095	0.0	0.0 180.00 *
					11.714	218.28571	77.00000	19.00000	0.0	0.0	0.37404	0.0	0.0 180.00 *
					13.667	216.33333	77.00000	19.00000	0.0	0.0	0.38720	0.0	0.0 180.00 *
					15.619	214.38095	77.00000	19.00000	0.0	0.0	0.40031	0.0	0.0 180.00 *
					17.571	212.42857	77.00000	19.00000	0.0	0.0	0.41321	0.0	0.0 180.00 *
					19.524	210.47619	77.00000	19.00000	0.0	0.0	0.42570	0.0	0.0 180.00 *
					21.476	208.52381	77.00000	19.00000	0.0	0.0	0.43752	0.0	0.0 180.00 *
					23.429	206.57143	77.00000	19.00000	0.0	0.0	0.44834	0.0	0.0 180.00 *
					25.381	204.61905	77.00000	19.00000	-0.29936	-0.11385	0.52212	0.29936	0.11385 180.00 *
					27.333	202.66667	77.00000	19.00000	-0.93900	-0.35710	0.61042	0.93900	0.35710 180.00 *
					29.286	200.71429	77.00000	19.00000	-1.5786	-0.60035	0.68871	1.5786	0.60035 180.00 *
					31.238	198.76190	77.00000	19.00000	-2.2183	-0.84360	0.80809	2.2183	0.84360 180.00 *
					33.190	196.80952	77.00000	19.00000	-2.8519	-1.08468	0.95113	2.8519	1.08468 180.00 *
					35.143	194.85714	77.00000	19.00000	-3.4975	-1.3301	1.6374	3.4975	1.3301 180.00 *
					37.095	192.90476	77.00000	19.00000	-4.1372	-1.5733	2.3958	4.1372	1.5733 180.00 *
					39.048	190.95238	77.00000	19.00000	-4.7768	-1.8166	3.2582	4.7768	1.8166 180.00 *
					41.000	189.00000	77.00000	19.00000	-5.5842	-2.1238	4.2038	5.5846	2.1238 180.00 *
	45		Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	-0.56321	0.0	0.0 358.75 *
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	-0.59656	0.0	0.0 358.75 *
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	-0.62986	0.0	0.0 358.75 *
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	-0.66229	0.0	0.0 358.75 *
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	-0.69271	0.0	0.0 358.75 *
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	-0.71935	0.0	0.0 358.75 *
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	-0.74069	0.0	0.0 358.75 *
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	-0.75325	0.0	0.0 358.75 *
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	-0.75329	0.0	0.0 358.75 *
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	-0.73548	0.0	0.0 358.75 *
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	-0.69249	0.0	0.0 358.75 *
					22.005	-8.00000	11.52174	21.00000	0.56407	0.084968	-0.52627	0.56209	0.097207 358.75 *
					24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	0.042136	1.1782	0.23422 358.75 *
					26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	0.90493	1.7464	0.40971 358.75 *
					28.007	-2.00000	11.39130	21.00000	2.4658	0.65090	2.0858	2.4521	0.70433 358.75 *
					30.007	0.00000	11.34782	21.00000	3.1001	1.0758	3.5817	3.0759	1.1429 358.75 *
					32.008	2.00000	11.30435	21.00000	3.4879	1.7373	5.3217	3.4494	1.8127 358.75 *
					34.008	4.00000	11.26087	21.00000	3.3833	2.8393	7.2052	3.3208	2.9122 358.75 *
					36.009	6.00000	11.21739	21.00000	2.3032	4.7164	9.1211	2.2001	4.7653 358.75 *
					38.009	8.00000	11.17391	21.00000	87.0345	-12.0000	10.8566	-2.1588	1.8508 358.75 *
					40.009	10.00000	11.13043	21.00000	0.0	7.2661	12.241	-0.15792	7.2644 358.75 *
					42.010	12.00000	11.08696	21.00000	0.0	7.2361	13.015	-0.15727	7.2344 358.75 *
					44.010	14.00000	11.04348	21.00000	0.0	7.2062	13.371	-0.15662	7.2045 358.75 *
					46.011	16.00000	11.00000	21.00000	0.0	7.1763	13.515	-0.15597	7.1746 358.75 *
					48.011	18.00000	10.95652	21.00000	0.0	7.1465	13.558	-0.15532	7.1448 358.75 *
					50.012	20.00000	10.91304	21.00000	0.0	7.1167	13.525	-0.15467	7.1150 358.75 *
					52.012	22.00000	10.86957	21.00000	0.0	7.0870	13.464	-0.15403	7.0854 358.75 *
					54.013	24.00000	10.82609	21.00000	0.0	7.0574	13.378	-0.15339	7.0557 358.75 *
					56.013	26.00000	10.78261	21.00000	0.0	7.0278	13.272	-0.15274	7.0262 358.75 *
					58.014	28.00000	10.73913	21.00000	0.0	6.9983	13.149	-0.15210	6.9967 358.75 *
					60.014	30.00000	10.69565	21.00000	0.0	6.9689	13.003	-0.15146	6.9672 358.75 *
					62.015	32.00000	10.65217	21.00000	0.0	6.9395	12.830	-0.15082	6.9378 358.75 *
					64.015	34.00000	10.60870	21.00000	0.0	6.9101	12.615	-0.15018	6.9085 358.75 *
					66.016	36.00000	10.56522	21.00000	0.0	6.8809	12.339	-0.14955	6.8792 358.75 *
					68.016	38.00000	10.52174	21.00000	0.0	6.8516	12.064	-0.14891	6.8499 358.75 *
					70.017	40.00000	10.47826	21.00000	0.0	6.8225	11.432	-0.14828	6.8209 358.75 *
					72.017	42.00000	10.43478	21.00000	0.0	6.7934	10.651	-0.14765	6.7918 358.75 *
					74.017	44.00000	10.39130	21.00000	0.060924	5.4583	8.3689	-0.057721	5.4583 358.75 *
					76.018	46.00000	10.34783	21.00000	0.20635	5.3333	6.5255	-0.090388	5.3365 358.75 *
					78.018	48.00000	10.30435	21.00000	0.35952	5.1956	5.1956	-0.24216	5.1956 358.75 *
					80.019	50.00000	10.26087	21.00000	0.52306	5.6101	4.5114	-0.40101	5.6202 358.75 *
					82.019	52.00000	10.21739	21.00000	0.75309	6.0566	4.2744	-0.62128	6.0715 358.75 *
					84.020	54.00000	10.17391	21.00000	-0.26310	5.6963	4.5318	-0.38684	5.6892 358.75 *
					86.020	56.00000	10.13043	21.00000	-0.80015	5.4941	4.4080	-0.91937	5.4754 358.75 *
					88.021	58.00000	10.08696	21.00000	-0.52841	5.2841	4.0119	-0.65339	5.2841 358.75 *
					90.021	60.00000	10.04348	21.00000	0.24072	6.3942	3.6985	-0.10169	6.3979 358.75 *
					92.022	62.00000	10.00000	21.00000	1.2899	7.4745	5.7747	1.1271	7.5008 358.75 *
	46		Rd_2		0.0	62.00000	10.00000	20.00000	1.2899	7.4745	5.7747	-1.3369	7.4662 340.06 *
					2.0035	63.88333	9.31667	20.01667	2.0559	7.2840	5.1372	-0.55178	7.5485 340.06 *
					4.0069	65.76667	8.63333	20.03333	2.6164	7.0147	4.6872	-0.03628	7.7505 340.06 *
					6.0104	67.65000	7.95000	20.05000	2.6863	7.0995	4.3846	-0.10375	7.5900 340.06 *
					8.0139	69.53333	7.26667	20.06667	2.6926	7.1161	4.3871	-0.10400	7.6078 340.06 *
					10.017	71.41667	6.58333	20.08333	2.6989	7.1328	4.4170	-0.10424	7.6256 340.06 *
					12.021	73.30000	5.90000	20.10000	2.7052	7.1494	4.4721	-0.10448	7.6434 340.06 *
					14.024	75.18333	5.21667	20.11667	2.7115	7.1655	4.5436	-0.10473	7.6612 340.06 *
					16.028	77.06667	4.53333	20.13333	2.7178	7.1828	4.6189	-0.10497	7.6790 340.06 *
					18.031	78.95000	3.85000	20.15000	2.7241	7.1995	4.6894	-0.10521	7.6969 340.06 *
					20.035	80.83333	3.16667	20.16667	2.7304	7.2162	4.7545	-0.10546	7.7147 340.06 *
					22.038	82.71667	2.48333	20.18333	2.7368	7.2329	4.8195	-0.10570	7.7326 340.06 *



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	ΔA//	ΔPerp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					6.0052	179.75000	84.00000	21.50000	-8.8488	-3.3651	7.7990	3.7306	-8.7010	267.61	*
					8.0069	179.66667	82.00000	21.50000	-9.2893	-3.5327	8.1493	3.9163	-8.1341	267.61	*
					10.009	179.58333	80.00000	21.50000	-9.7373	-3.7030	8.4413	4.1052	-9.5747	267.61	*
					12.010	179.50000	78.00000	21.50000	-10.194	-3.8766	8.6570	4.2976	-10.023	267.61	*
					14.012	179.41667	76.00000	21.50000	-10.659	-4.0535	8.7767	4.4937	-10.481	267.61	*
					16.014	179.33333	74.00000	21.50000	-11.134	-4.2342	8.7861	4.6940	-10.948	267.61	*
					18.016	179.25000	72.00000	21.50000	-11.620	-4.4188	8.7017	4.8987	-11.425	267.61	*
					20.017	179.16667	70.00000	21.50000	-12.116	-4.6078	8.6091	5.1082	-11.914	267.61	*
					22.019	179.08333	68.00000	21.50000	-12.625	-4.8013	8.6114	5.3227	-12.414	267.61	*
					24.021	179.00000	66.00000	21.50000	-13.147	-4.9997	8.6821	5.5427	-12.927	267.61	*
					26.023	178.91667	64.00000	21.50000	-13.682	-5.2032	8.6804	5.7683	-13.453	267.61	*
					28.024	178.83333	62.00000	21.50000	-14.329	-4.8672	8.5004	5.4595	-14.114	267.61	*
					30.026	178.75000	60.00000	21.50000	-15.402	0.039426	8.3160	6.0181	-15.391	267.61	*
					32.028	178.66667	58.00000	21.50000	-15.462	0.039579	8.1759	6.0414	-15.450	267.61	*
					34.030	178.58333	56.00000	21.50000	-15.522	0.039732	8.1542	6.0648	-15.510	267.61	*
					36.031	178.50000	54.00000	21.50000	-15.582	0.039895	8.2344	6.0882	-15.570	267.61	*
					38.033	178.41667	52.00000	21.50000	-15.642	0.040039	8.2908	6.1117	-15.630	267.61	*
					40.035	178.33333	50.00000	21.50000	-15.702	0.040193	8.2332	6.1352	-15.690	267.61	*
					42.036	178.25000	48.00000	21.50000	-15.762	0.040348	8.0564	6.1588	-15.750	267.61	*
					44.038	178.16667	46.00000	21.50000	-15.823	0.040503	7.8675	6.1825	-15.811	267.61	*
					46.040	178.08333	44.00000	21.50000	-15.884	0.040659	7.8245	6.2063	-15.872	267.61	*
					48.042	178.00000	42.00000	21.50000	-15.945	0.040815	7.9087	6.2301	-15.933	267.61	*
					50.043	177.91667	40.00000	21.50000	-16.006	0.040971	7.9576	6.2539	-15.994	267.61	*
					52.045	177.83333	38.00000	21.50000	-16.067	0.041128	7.8627	6.2779	-16.055	267.61	*
					54.047	177.75000	36.00000	21.50000	-16.128	0.041285	7.6133	6.3019	-16.116	267.61	*
					56.049	177.66667	34.00000	21.50000	-16.190	0.041443	7.3507	6.3259	-16.178	267.61	*
					58.050	177.58333	32.00000	21.50000	-16.252	0.041601	7.3248	6.3501	-16.239	267.61	*
					60.052	177.50000	30.00000	21.50000	-16.314	0.041759	7.4823	6.3743	-16.301	267.61	*
					62.054	177.41667	28.00000	21.50000	-16.376	0.041918	7.5738	6.3986	-16.363	267.61	*
					64.056	177.33333	26.00000	21.50000	-16.438	0.042078	7.4747	6.4229	-16.426	267.61	*
					66.057	177.25000	24.00000	21.50000	-16.501	0.042238	7.1735	6.4473	-16.488	267.61	*
					68.059	177.16667	22.00000	21.50000	-16.563	0.042398	6.8469	6.4718	-16.551	267.61	*
					70.061	177.08333	20.00000	21.50000	-16.626	0.042559	6.8073	6.4963	-16.613	267.61	*
					72.062	177.00000	18.00000	21.50000	-16.689	0.042720	6.9927	6.5209	-16.676	267.61	*
					74.064	176.91667	16.00000	21.50000	-16.752	0.042882	7.0877	6.5456	-16.739	267.61	*
					76.066	176.83333	14.00000	21.50000	-16.816	0.043044	6.9374	6.5703	-16.803	267.61	*
					78.068	176.75000	12.00000	21.50000	-16.879	0.043206	6.4948	6.5952	-16.866	267.61	*
					80.069	176.66667	10.00000	21.50000	-16.943	0.043369	5.9262	6.6201	-16.930	267.61	*
					82.071	176.58333	8.00000	21.50000	-17.007	0.043533	5.9458	6.6450	-16.994	267.61	*
					84.073	176.50000	6.00000	21.50000	-17.071	0.043697	6.2873	6.6700	-17.058	267.61	*
					86.075	176.41667	4.00000	21.50000	-17.135	0.043861	6.4045	6.6951	-17.122	267.61	*
					88.076	176.33333	2.00000	21.50000	-17.199	0.044026	6.0895	6.7203	-17.186	267.61	*
					90.078	176.25000	0.00000	21.50000	-17.264	0.044192	5.0608	6.7455	-17.251	267.61	*
					92.080	176.16667	-2.00000	21.50000	-17.329	0.044357	3.9878	6.7709	-17.316	267.61	*
					94.082	176.08333	-4.00000	21.50000	-17.394	0.044524	4.1904	6.7962	-17.380	267.61	*
					96.083	176.00000	-6.00000	21.50000	-17.459	0.044690	5.6136	6.8217	-17.446	267.61	*
					98.085	175.91667	-8.00000	21.50000	-17.524	0.044858	6.6934	6.8472	-17.511	267.61	*
					100.09	175.83333	-10.00000	21.50000					Point lies within an excavation.	*	
					102.09	175.75000	-12.00000	21.50000					Point lies within an excavation.	*	
					104.09	175.66667	-14.00000	21.50000					Point lies within an excavation.	*	
					106.09	175.58333	-16.00000	21.50000					Point lies within an excavation.	*	
					108.09	175.50000	-18.00000	21.50000					Point lies within an excavation.	*	
					110.10	175.41667	-20.00000	21.50000	-7.2346	14.801	9.4029	-14.487	-7.8445	267.61	*
					112.10	175.33333	-22.00000	21.50000	-6.6359	13.576	10.165	-13.288	-7.1953	267.61	*
					114.10	175.25000	-24.00000	21.50000	-6.0719	12.422	10.373	-12.59	-6.5838	267.61	*
					116.10	175.16667	-26.00000	21.50000	-5.5388	11.332	10.145	-11.091	-6.0057	267.61	*
					118.10	175.08333	-28.00000	21.50000	-5.0327	10.296	9.5846	-10.078	-5.4569	267.61	*
					120.10	175.00000	-30.00000	21.50000	-4.5496	9.3078	8.7844	-9.1103	-4.9331	267.61	*
48			RW_1		0.0	0.00000	63.00000	22.00000	0.0	0.0	-0.59305	0.0	0.0	7.8831	*
					1.9885	1.96970	63.27273	22.00000	0.014164	-0.059564	-0.53891	0.0058611	-0.060944	7.8831	*
					3.9770	3.93939	63.54545	22.00000	0.019009	-0.13749	-0.48907	-28.744E-6	-0.13880	7.8831	*
					5.9655	5.90909	63.81818	22.00000	0.0078117	-0.14799	-0.45666	-0.012560	-0.14767	7.8831	*
					7.9540	7.87879	64.09091	22.00000	0.0	-0.074659	-0.44404	-0.010240	-0.073954	7.8831	*
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	-0.44435	0.0	0.0	7.8831	*
					11.931	11.81818	64.63636	22.00000	0.0	0.0	-0.43531	0.0	0.0	7.8831	*
					13.919	13.78788	64.90909	22.00000	0.0	0.0	-0.43511	0.0	0.0	7.8831	*
					15.908	15.75758	65.18182	22.00000	0.0	0.0	-0.44261	0.0	0.0	7.8831	*
					17.896	17.72727	65.4								



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	ΔH//	Δperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					98.039	156.52830	107.13208	22.00000	1.0945	-2.8437	1.0334	0.0027946	-3.0471 20.999 *
					100.04	158.39623	107.84906	22.00000	1.0739	-2.8348	1.0246	-0.013267	-3.0314 20.999 *
					102.04	160.26415	108.56604	22.00000	0.86448	-2.7139	1.0028	-0.16546	-2.8435 20.999 *
					104.04	162.13208	109.28302	22.00000	0.64920	-2.5448	0.96145	-0.30582	-2.6084 20.999 *
					106.04	164.00000	110.00000	22.00000	0.44158	-2.3347	0.90450	-0.42436	-2.3378 20.999 *
	50		canal wall L1		0.0	5.99000	50.78000	21.50000	1.1914	5.4180	10.761	1.2394	-5.4072 359.49 *
					2.0944	8.08429	50.76143	21.50000	0.0	-6.7736	13.114	0.060063	-6.7733 359.49 *
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	14.122	0.060173	-6.7857 359.49 *
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	14.716	0.060284	-6.7981 359.49 *
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	15.830	0.060394	-6.8106 359.49 *
					10.472	16.46143	50.68714	21.50000	-179.278-12	-6.8233	16.047	0.060504	-6.8230 359.49 *
					12.566	18.55571	50.66857	21.50000	0.0	-6.8236	15.269	-0.19773	-6.8256 359.49 *
					14.661	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.522	-0.46034	-6.7246 359.49 *
					0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	15.522	0.41602	-6.7274 352.04 *
					2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	15.773	0.42122	-6.8116 352.04 *
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	15.244	0.42646	-6.8963 352.04 *
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	15.955	0.43172	-6.9814 352.04 *
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	16.002	0.43702	-7.0670 352.04 *
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	15.544	0.44234	-7.1531 352.04 *
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	15.896	0.44770	-7.2397 352.04 *
					14.317	34.82889	48.66667	21.50000	-0.56628	-7.3190	15.717	0.45309	-7.3269 352.04 *
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	15.064	0.45851	-7.4145 352.04 *
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.579	0.46396	-7.5027 352.04 *
					0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.579	-1.0488	-7.4435 3.5959 *
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2955	14.345	-1.0209	-7.2458 3.5959 *
					4.1056	42.97500	48.35750	21.50000	-0.54482	-7.5842	11.562	-0.50355	-6.8281 3.5959 *
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	8.9146	-0.40249	-5.0841 3.5959 *
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	6.9293	-0.33341	-4.5672 3.5959 *
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	5.6020	-0.29113	-4.2404 3.5959 *
					12.317	51.17250	48.87250	21.50000	0.81625	-6.2666	5.3277	0.42161	-6.3054 3.5959 *
					14.370	53.22125	48.00125	21.50000	-0.94005	-6.2332	4.6337	-0.2276	-7.3269 3.5959 *
					16.422	55.27000	49.13000	21.50000	-0.99792	-4.4623	3.3146	-1.2758	-4.3909 3.5959 *
					0.0	55.27000	49.13000	21.50000	-0.99792	-4.4623	3.3146	-2.5060	-3.8247 20.627 *
					1.9865	57.12918	49.82984	21.50000	-0.78797	-3.8813	1.5090	-2.1048	-3.3549 20.627 *
					3.9731	58.98936	50.52967	21.50000	-0.34533	-3.4502	0.020608	-1.5387	-3.1074 20.627 *
					5.9596	60.84754	51.22951	21.50000	-0.21640	-3.1011	-1.0126	-0.88995	-2.9785 20.627 *
					7.9461	62.70672	51.92934	21.50000	0.69654	-2.8006	-1.6151	-0.33473	-2.8664 20.627 *
					9.9327	64.56590	52.62918	21.50000	0.97383	-2.6320	-1.9772	-0.015844	-2.8064 20.627 *
					11.919	66.42508	53.32902	21.50000	0.97237	-2.6281	-2.0514	-0.015820	-2.8022 20.627 *
					13.906	68.28426	54.02885	21.50000	0.97091	-2.6242	-2.0866	-0.015797	-2.7980 20.627 *
					15.892	70.14344	54.72869	21.50000	0.96945	-2.6202	-2.1941	-0.015773	-2.7938 20.627 *
					17.879	72.00262	55.42852	21.50000	0.96799	-2.6163	-2.2849	-0.015749	-2.7896 20.627 *
					19.865	73.86180	56.12836	21.50000	0.96653	-2.6123	-2.2369	-0.015726	-2.7853 20.627 *
					21.852	75.72098	56.82820	21.50000	0.96507	-2.6084	-2.0466	-0.015702	-2.7811 20.627 *
					23.838	77.58016	57.52803	21.50000	0.96361	-2.6044	-1.8376	-0.015678	-2.7769 20.627 *
					25.825	79.43934	58.22787	21.50000	0.96215	-2.6005	-1.7232	-0.015654	-2.7727 20.627 *
					27.811	81.29852	58.92770	21.50000	0.96069	-2.5965	-1.7224	-0.015631	-2.7685 20.627 *
					29.798	83.15770	59.62754	21.50000	0.95923	-2.5926	-1.7511	-0.015607	-2.7643 20.627 *
					31.785	85.01689	60.32738	21.50000	0.95777	-2.5887	-1.6912	-0.015583	-2.7601 20.627 *
					33.771	86.87607	61.02721	21.50000	0.95632	-2.5847	-1.5247	-0.015559	-2.7559 20.627 *
					35.758	88.73525	61.72705	21.50000	0.95486	-2.5808	-1.3622	-0.015536	-2.7517 20.627 *
					37.744	90.59443	62.42689	21.50000	0.95340	-2.5768	-1.3106	-0.015512	-2.7475 20.627 *
					39.731	92.45361	63.12672	21.50000	0.95194	-2.5729	-1.4044	-0.015488	-2.7433 20.627 *
					41.717	94.31279	63.82656	21.50000	0.95048	-2.5689	-1.5846	-0.015464	-2.7391 20.627 *
					43.704	96.17197	64.52639	21.50000	0.94902	-2.5650	-1.7349	-0.015441	-2.7349 20.627 *
					45.690	98.03115	65.22623	21.50000	0.94756	-2.5610	-1.7898	-0.015417	-2.7307 20.627 *
					47.677	99.89033	65.92607	21.50000	5.3860	-14.093	7.9095	0.076040	-15.087 20.627 *
					49.663	101.74951	66.62590	21.50000	4.4434	-11.545	6.4356	0.091505	-12.370 20.627 *
					51.650	103.60869	67.32574	21.50000	4.4469	-11.554	6.6982	0.091578	-12.380 20.627 *
					53.636	105.46787	68.02557	21.50000	4.4504	-11.563	6.9366	0.091650	-12.389 20.627 *
					55.623	107.32705	68.72541	21.50000	4.4539	-11.572	7.1266	0.091722	-12.399 20.627 *
					57.610	109.18623	69.42525	21.50000	4.4575	-11.581	7.2972	0.091794	-12.409 20.627 *
					59.596	111.04541	70.12508	21.50000	4.4610	-11.590	7.4834	0.091867	-12.419 20.627 *
					61.583	112.90459	70.82492	21.50000	4.4645	-11.599	7.6813	0.091939	-12.429 20.627 *
					63.569	114.76377	71.52475	21.50000	4.4680	-11.608	7.8544	0.092012	-12.438 20.627 *
					65.556	116.62295	72.22459	21.50000	4.4715	-11.618	7.9731	0.092084	-12.448 20.627 *
					67.542	118.48213	72.92443	21.50000	4.4750	-11.627	8.0382	0.092156	-12.458 20.627 *
					69.529	120.34131	73.62426	21.50000	4.4786	-11.636	8.0822	0.092229	-12.468 20.627 *
					71.515	122.20049	74.32410	21.50000	4.4821	-11.645	8.1496	0.092301	-12.478 20.627 *
					73.502	124.05967	75.02393	21.50000	4.4856	-11.654	8.2519	0.092374	-12.487 20.627 *
					75.488	125.91885	75.72377	21.50000	4.4891	-11.663	8.3573	0.092447	-12.497 20.627 *
					77.475	127.77803	76.42361	21.50000	4.4927	-11.673	8.4303	0.092519	-12.507 20.627 *
					79.461	129.63721	77.12344	21.50000	4.4962	-11.682	8.4622	0.092592	-12.517 20.627 *
					81.448	131.49639	77.82328	21.50000	4.4997	-11.691	8.4770	0.092665	-12.527 20.627 *
					83.434	133.35557	78.52311	21.50000	4.5033	-11.700	8.5195	0.092737	-12.536 20.627 *
					85.421	135.21475	79.22295	21.50000	4.5068	-11.709	8.6.2		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

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]
3	Canal Side Studios_3	Canal Side Studios_3	Canal Side Studios_3		18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0
					3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0
					5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0
					7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0
					9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0
					11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0
					13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0
					15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0
					17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0
					19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0
					21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0
					23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0
4	Canal Side Studios_4	Canal Side Studios_4	Canal Side Studios_4		25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0
					27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0
					29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0
					31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0
					33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0
					35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0
					0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0
					2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0
					4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	0.0017685	60.569E-6
					6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.73877	0.027827
					8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	1.4692	0.061841
					10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	2.1897	0.10522
					12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	3.2402	0.18309
					14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.2827	0.29736
					16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.3100	0.48657
5	Beaumont Court_1	Beaumont Court_1	Beaumont Court_1		18.000	4.00000	14.00000	22.00000	6.2339	0.86336	6.2339	0.86336
					20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491
					0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972
					2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133
					4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.072435	-1.3038
					6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.074746	-1.3454
					8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.077057	-1.3870
					10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.079368	-1.4286
					12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.081680	-1.4702
					14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.083991	-1.5118
					16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.086302	-1.5534
					18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.088613	-1.5950
					0.0	27.00000	1.00000	20.00000	0.0	1.5975	-1.5909	-0.14463
					1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.90626	-0.082388
					3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.22159	-0.020144
6	Beaumont Court_2	Beaumont Court_2	Beaumont Court_2		5.8227	26.50000	-4.50000	20.00000	0.0	0.0	0.0	0.0
					7.3636	26.33333	-6.33333	20.00000	0.0	0.0	0.0	0.0
					9.2045	26.16667	-8.16667	20.00000	0.0	0.0	0.0	0.0
					11.045	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0
					3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0
					5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0
					7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0
				7	Beaumont Court_3	Beaumont Court_3	Beaumont Court_3		9.8747	32.21875	-19.84375	20.00000
	11.850	32.06250	-21.81250					20.00000	0.0	0.0	0.0	0.0
	13.825	31.90625	-23.78125					20.00000	0.0	0.0	0.0	0.0
	15.800	31.75000	-25.75000					20.00000	0.0	0.0	0.0	0.0
	17.774	31.59375	-27.71875					20.00000	0.0	0.0	0.0	0.0
	19.749	31.43750	-29.68750					20.00000	0.0	0.0	0.0	0.0
	21.724	31.28125	-31.65625					20.00000	0.0	0.0	0.0	0.0
	23.699	31.12500	-33.62500					20.00000	0.0	0.0	0.0	0.0
	25.674	30.96875	-35.59375					20.00000	0.0	0.0	0.0	0.0
	27.649	30.81250	-37.56250					20.00000	0.0	0.0	0.0	0.0
	29.624	30.65625	-39.53125					20.00000	0.0	0.0	0.0	0.0
	31.599	30.50000	-41.50000					20.00000	0.0	0.0	0.0	0.0
	33.574	30.34375	-43.46875					20.00000	0.0	0.0	0.0	0.0
	35.549	30.18750	-45.43750					20.00000	0.0	0.0	0.0	0.0
8	Beaumont Court_4	Beaumont Court_4	Beaumont Court_4						37.524	30.03125	-47.40625	20.00000
					39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0
					41.474	29.71875	-51.34375	20.00000	0.0	0.0	0.0	0.0
					43.449	29.56250	-53.31250	20.00000	0.0	0.0	0.0	0.0
					45.424	29.40625	-55.28125	20.00000	0.0	0.0	0.0	0.0
					47.399	29.25000	-57.25000	20.00000	0.0	0.0	0.0	0.0
					49.374	29.09375	-59.21875	20.00000	0.0	0.0	0.0	0.0
					51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0
					53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0
					55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0	0.0
					57.273	28.46875	-67.09375	20.00000	0.0	0.0	0.0	0.0
					59.248	28.31250	-69.06250	20.00000	0.0	0.0	0.0	0.0
					61.223	28.15625	-71.03125	20.00000	0.0	0.0	0.0	0.0
					63.198	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0
				9	Beaumont Court_5	Beaumont Court_5	Beaumont Court_5		0.0	28.00000	-73.00000	20.00000
	2.0069	30.00000	-73.16667					20.00000	0.0	0.0	0.0	0.0
	4.0139	32.00000	-73.33333					20.00000	0.0	0.0	0.0	0.0
	6.0208	34.00000	-73.50000					20.00000	0.0	0.0	0.0	0.0
	8.0277	36.00000	-73.66667					20.00000	0.0	0.0	0.0	0.0
	10.035	38.00000	-73.83333					20.00000	0.0	0.0	0.0	0.0
	12.042	40.00000	-74.00000					20.00000	0.0	0.0	0.0	0.0
	0.0	40.00000	-74.00000					20.00000	0.0	0.0	0.0	0.0
	2.0046	40.13514	-72.00000					20.00000	0.0	0.0	0.0	0.0
	4.0091	40.27027	-70.00000					20.00000	0.0	0.0	0.0	0.0
	6.0137	40.40541	-68.00000					20.00000	0.0	0.0	0.0	0.0
	8.0182	40.54054	-66.00000					20.00000	0.0	0.0	0.0	0.0
	10.023	40.67568	-64.00000					20.00000	0.0	0.0	0.0	0.0
	12.027	40.81081	-62.00000					20.00000	0.0	0.0	0.0	0.0
	14.032	40.94595	-60.00000					20.00000	0.0	0.0	0.0	0.0
10	Beaumont Court_6	Beaumont Court_6	Beaumont Court_6		16.036	41.08108	-58.00000	20.00000	0.0	0.0	0.0	0.0
					18.041	41.21622	-56.00000	20.00000	0.0	0.0	0.0	0.0
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	0.0	0.0
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	0.0	0.0
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	0.0	0.0
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	0.0	0.0
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	0.0	0.0
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	0.0	0.0
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	0.0	0.0
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	0.0	0.0
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	0.0	0.0
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	0.0	0.0
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	0.0	0.0
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	0.0	0.0
				11	TP No.1_1	TP No.1_1	TP No.1_1		44.100	42.97297	-30.00000	20.00000
	46.105	43.10811	-28.00000					20.00000	0.0	0.0	0.0	0.0
	48.109	43.24324	-26.00000					20.00000	0.0	0.0	0.0	0.0
	50.114	43.37838	-24.00000					20.00000	0.0	0.0	0.0	0.0
	52.119	43.51351	-22.00000					20.00000	0.0	0.0	0.0	0.0
	54.123	43.64865	-20.00000					20.00000	0.0	0.0	0.0	0.0
	56.128	43.78378	-18.00000					20.00000	0.0	0.0	0.0	0.0
	58.132	43.91892	-16.00000					20.00000	0.0	0.0	0.0	0.0
	60.137	44.05405	-14.00000					20.00000	0.0	0.0	0.0	0.0
	62.141	44.18919	-12.00000					20.00000	0.0	0.0	0.0	0.0
	64.146	44.32432	-10.00000					20.00000	0.0	0.0	0.0	0.0
	66.150	44.45946	-8.00000					20.00				



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371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						3.7268	84.33333	-14.33333	20.00000	0.056462	0.14922	-0.15872	-0.016233
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0
	13	TP No.1_3		TP No.1_3		11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0
						14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0
	14	TP No.1_4		TP No.1_4		0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0
	15	TP No.1_5		TP No.1_5		0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0
						41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
	16	TP No.1_6		TP No.1_6		0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
						2.0883	101.00000	-46.16667	20.00000	0.0	0.0	0.0	0.0
						4.1767	102.00000	-47.33333	20.00000	0.0	0.0	0.0	0.0
						6.2650	103.00000	-48.50000	20.00000	0.0	0.0	0.0	0.0
						8.3533	104.00000	-49.66667	20.00000	0.0	0.0	0.0	0.0
						10.442	105.00000	-50.83333	20.00000	0.0	0.0	0.0	0.0
						12.530	106.00000	-52.00000	20.00000	0.21830	0.54020	0.57877	0.067035
	17	TP No.1_7		TP No.1_7		0.0	106.00000	-52.00000	20.00000	0.21830	0.54020	0.030626	-0.58184
						2.0691	104.12500	-33.12500	20.00000	0.23358	0.57802	0.032770	-0.62257
						4.1382	102.25000	-32.25000	20.00000	0.24886	0.61583	0.034914	-0.66330
						6.2074	100.37500	-31.37500	20.00000	0.26414	0.65365	0.037058	-0.70403
						8.2765	98.50000	-30.50000	20.00000	0.27942	0.69146	0.039202	-0.74475
						10.346	96.62500	-29.62500	20.00000	0.29470	0.72928	0.041346	-0.78548
						12.415	94.75000	-28.75000	20.00000	0.30998	0.76709	0.043490	-0.82621
						14.484	92.87500	-27.87500	20.00000	0.32527	0.80491	0.045634	-0.86694
						16.553	91.00000	-27.00000	20.00000	0.34055	0.84272	0.047777	-0.90767
	18	TP No.1_8		TP No.1_8		0.0	91.00000	-27.00000	20.00000	0.34055	0.84272	0.090810	0.038699
						2.0138	91.83333	-25.16667	20.00000	0.62324	1.5423	1.6619	0.070283
						4.0277	92.66667	-23.33333	20.00000	0.90592	2.2418	2.4157	0.10295
						6.0415	93.50000	-21.50000	20.00000	1.1886	2.9414	3.1696	0.13507
						8.0554	94.33333	-19.66667	20.00000	1.4713	3.6409	3.9234	0.16719
						10.069	95.16667	-17.83333	20.00000	1.7540	4.3405	4.6772	0.19932
						12.083	96.00000	-16.00000	20.00000	2.0408	5.0503	5.4421	0.23191
	19	TP No.2_1		TP No.2_1		0.0	148.00000	-41.00000	20.00000	1.5174	3.7549	0.23129	-4.0433
						1.9906	146.20000	-40.15000	20.00000	1.5333	3.7944	0.23372	-4.0858
						3.9812	144.40000	-39.30000	20.00000	1.5493	3.8339	0.23616	-4.1284
						5.9718	142.60000	-38.45000	20.00000	1.5653	3.8734	0.23859	-4.1709
						7.9624	140.80000	-37.60000	20.00000	1.5812	3.9130	0.24103	-4.2135
						9.9530	139.00000	-36.75000	20.00000	1.5972	3.9525	0.24346	-4.2561
						11.944	137.20000	-35.90000	20.00000	1.6132	3.9920	0.24590	-4.2986
						13.934	135.40000	-35.05000	20.00000	1.6292	4.0316	0.24833	-4.3412
						15.925	133.60000	-34.20000	20.00000	1.6451	4.0711	0.25077	-4.3837
						17.915	131.80000	-33.35000	20.00000	1.6611	4.1106	0.25320	-4.4263
						19.906	130.00000	-32.50000	20.00000	1.6771	4.1501	0.25563	-4.4689
						21.897	128.20000	-31.65000	20.00000	1.6931	4.1897	0.25807	-4.5114
						23.887	126.40000	-30.80000	20.00000	1.7090	4.2292	0.26050	-4.5540
						25.878	124.60000	-29.95000	20.00000	1.7250	4.2687	0.26294	-4.5966
						27.868	122.80000	-29.10000	20.00000	1.7410	4.3082	0.26537	-4.6391
						29.859	121.00000	-28.25000	20.00000	1.7569	4.3478	0.26781	-4.6817
						31.850	119.20000	-27.40000	20.00000	1.7729	4.3873	0.27024	-4.7242
						33.840	117.40000	-26.55000	20.00000	1.7889	4.4268	0.27268	-4.7668
						35.831	115.60000	-25.70000	20.00000	1.8049	4.4663	0.27511	-4.8094
						37.821	113.80000	-24.85000	20.00000	1.8208	4.5059	0.27755	-4.8519
						39.812	112.00000	-24.00000	20.00000	1.8368	4.5454	0.27998	-4



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Dist.	x	y	z	Δx	Δy	Δz	Δr	
						[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	
						44.871	159.52000	-35.64000	20.00000	3.2130	7.9509	0.53192	-8.5591 d
						46.911	157.68000	-34.76000	20.00000	3.2404	8.0186	0.53645	-8.6320 d
						48.951	155.84000	-33.88000	20.00000	3.2678	8.0865	0.54099	-8.7050 d
						50.990	154.00000	-33.00000	20.00000	3.2953	8.1545	0.54554	-8.7782 d
24		TP No.3_2		TP No.3_2		0.0	154.00000	-33.00000	20.00000	3.2953	8.1545	-8.7673	-0.69944 d
						1.9166	153.14286	-34.71429	20.00000	2.8858	7.1412	-1.6778	-0.61252 d
						3.8333	152.28571	-36.42857	20.00000	2.4854	6.1504	-6.6125	-0.53753 d
						5.7499	151.42857	-38.14286	20.00000	2.0898	5.1715	-5.5602	-0.44358 d
						7.6665	150.57143	-39.85714	20.00000	1.8016	4.4583	-4.7933	-0.38240 d
						9.5833	149.71429	-41.57143	20.00000	1.5332	3.7940	-4.0791	-0.32542 d
						11.500	148.85714	-43.28571	20.00000	1.2647	3.1297	-3.3649	-0.26844 d
						13.416	148.00000	-45.00000	20.00000	0.99629	2.4654	-2.6507	-0.21147 d
25		TP No.3_3		TP No.3_3		0.0	148.00000	-45.00000	20.00000	0.99629	2.4654	-0.11756	2.6565 d
						2.0227	149.84000	-45.84000	20.00000	0.98372	2.4343	-0.11608	2.6230 d
						4.0453	151.68000	-46.68000	20.00000	0.97116	2.4033	-0.11460	2.5895 d
						6.0680	153.52000	-47.52000	20.00000	0.95860	2.3722	-0.11312	2.5560 d
						8.0907	155.36000	-48.36000	20.00000	0.91029	2.3389	-0.14323	2.5057 d
						10.113	157.20000	-49.20000	20.00000	0.70364	2.2647	-0.30041	2.3524 d
						12.136	159.04000	-50.04000	20.00000	0.49913	2.1390	-0.43426	2.1531 d
						14.159	160.88000	-50.88000	20.00000	0.31023	1.9642	-0.53352	1.9157 d
						16.181	162.72000	-51.72000	20.00000	0.14845	1.7434	-0.58989	1.6476 d
						18.204	164.56000	-52.56000	20.00000	0.022945	1.4779	-0.59372	1.3558 d
						20.227	166.40000	-53.40000	20.00000	-0.059616	1.1793	-0.54315	1.0462 d
						22.249	168.24000	-54.24000	20.00000	-0.094881	0.83920	-0.43483	0.72401 d
						24.272	170.08000	-55.08000	20.00000	-0.080544	0.46915	-0.26810	0.39333 d
						26.295	171.92000	-55.92000	20.00000	-0.015964	0.070475	-0.043790	0.057480 d
						28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0 d
						30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0 d
						32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0 d
						34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0 d
						36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0 d
						38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0 d
						40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0 d
						42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0 d
						44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0 d
						46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0 d
						48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0 d
						50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
26		TP No.3_4		TP No.3_4		0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	195.84000	-66.84000	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	0.0 d
27		Hospital No.1_1		Hospital No.1_1		0.0	189.00000	-19.00000	19.00000	-8.3470	0.35701	-0.35701	-8.3470 d
						2.0000	189.00000	-21.00000	19.00000	-7.5716	1.3635	-1.3635	-7.5716 d
						4.0000	189.00000	-23.00000	19.00000	-6.7189	2.2335	-2.2335	-6.7189 d
						6.0000	189.00000	-25.00000	19.00000	-5.8522	2.8998	-2.8998	-5.8522 d
						8.0000	189.00000	-27.00000	19.00000	-5.0146	3.3333	-3.3333	-5.0146 d
						10.000	189.00000	-29.00000	19.00000	-4.2288	3.5347	-3.5347	-4.2288 d
						12.000	189.00000	-31.00000	19.00000	-3.5023	3.5220	-3.5220	-3.5023 d
28		Hospital No.1_2		Hospital No.1_2		0.0	189.00000	-31.00000	19.00000	-3.5023	3.5220	-3.5023	3.5220 d
						1.9474	190.94737	-31.00000	19.00000	-3.2877	2.8501	-3.2877	2.8501 d
						3.8947	192.89474	-31.00000	19.00000	-3.0494	2.3142	-3.0494	2.3142 d
						5.8421	194.84211	-31.00000	19.00000	-2.7441	1.8469	-2.7441	1.8469 d
						7.7895	196.78947	-31.00000	19.00000	-2.3829	1.4380	-2.3829	1.4380 d
						9.7368	198.73684	-31.00000	19.00000	-1.9750	1.0786	-1.9750	1.0786 d
						11.684	200.68421	-31.00000	19.00000	-1.5279	0.76125	-1.5279	0.76125 d
						13.632	202.63158	-31.00000	19.00000	-1.0479	0.47959	-1.0479	0.47959 d
						15.579	204.57895	-31.00000	19.00000	-0.53997	0.22838	-0.53997	0.22838 d
						17.526	206.52632	-31.00000	19.00000	-0.0082775	0.0032525	-0.0082775	0.0032525 d
						19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
29		Hospital No.1_3		Hospital No.1_3		0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	226.00000	-17.00000	19.00000	0.0	0.0	0.0	0.0 d
						16.000	226.00000	-15.00000	19.00000	0.0	0.0	0.0	0.0 d
						18.000	226.00000	-13.00000	19.00000	0.0	0.0	0.0	0.0 d
						20.000	226.00000	-11.00000	19.00000	0.0	0.0	0.0	0.0 d
						22.000	226.00000	-9.00000	19.00000	0.0	0.0	0.0	0.0 d
30		Hospital No.1_4		Hospital No.1_4		0.0	226.00000	-9.00000					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

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]
						26.0000	215.000000	5.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	217.00000	5.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	219.00000	5.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	221.00000	5.000000	19.000000	0.0	0.0	0.0	0.0
						34.0000	223.00000	5.000000	19.000000	0.0	0.0	0.0	0.0
						36.0000	225.00000	5.000000	19.000000	0.0	0.0	0.0	0.0
	35		Hospital No.2_3	Hospital No.2_3		0.0	225.00000	5.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	225.00000	7.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	225.00000	9.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	225.00000	11.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	225.00000	13.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	225.00000	15.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	225.00000	17.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	225.00000	19.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	225.00000	21.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	225.00000	23.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	225.00000	25.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	225.00000	27.000000	19.000000	0.0	0.0	0.0	0.0
						24.0000	225.00000	29.000000	19.000000	0.0	0.0	0.0	0.0
						26.0000	225.00000	31.000000	19.000000	0.0	0.0	0.0	0.0
						28.0000	225.00000	33.000000	19.000000	0.0	0.0	0.0	0.0
						30.0000	225.00000	35.000000	19.000000	0.0	0.0	0.0	0.0
						32.0000	225.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
	36		Hospital No.2_4	Hospital No.2_4		0.0	225.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						2.0000	223.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						4.0000	221.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						6.0000	219.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						8.0000	217.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						10.0000	215.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						12.0000	213.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	211.00000	37.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	209.00000	37.000000	19.000000	-0.079441	203.35E-6	0.079441	-203.35E-6
						18.0000	207.00000	37.000000	19.000000	-0.829444	0.0021232	0.829444	-0.0021232
						20.0000	205.00000	37.000000	19.000000	-1.5794	0.0040430	1.5794	-0.0040430
						22.0000	203.00000	37.000000	19.000000	-2.3294	0.0059628	2.3294	-0.0059628
						24.0000	201.00000	37.000000	19.000000	-3.0794	0.0078826	3.0794	-0.0078826
						26.0000	199.00000	37.000000	19.000000	-3.8294	0.0098024	3.8294	-0.0098024
						28.0000	197.00000	37.000000	19.000000	-4.5794	0.011722	4.5794	-0.011722
						30.0000	195.00000	37.000000	19.000000	-5.3294	0.013642	5.3294	-0.013642
						32.0000	193.00000	37.000000	19.000000	-6.0794	0.016367	6.0794	-0.016367
						34.0000	191.00000	37.000000	19.000000	-6.8294	0.019221	6.8294	-0.019221
						36.0000	189.00000	37.000000	19.000000	-7.5794	0.022138	7.5794	-0.022138
	37		Hospital No.3_1	Hospital No.3_1		0.0	189.00000	37.000000	19.000000	-8.3294	0.025138	8.3294	-0.025138
						1.9375	189.00000	75.062500	19.000000	-5.9403	-2.2591	2.2591	-5.9403
						3.8750	189.00000	73.125000	19.000000	-6.6903	-2.3948	2.3948	-6.6903
						5.8125	189.00000	71.187500	19.000000	-7.4403	-2.5302	2.5302	-7.4403
						7.7500	189.00000	69.250000	19.000000	-8.1903	-2.6656	2.6656	-8.1903
						9.6875	189.00000	67.312500	19.000000	-8.9403	-2.8010	2.8010	-8.9403
						11.6250	189.00000	65.375000	19.000000	-9.6903	-2.9364	2.9364	-9.6903
						13.5625	189.00000	63.437500	19.000000	-10.4403	-3.0718	3.0718	-10.4403
						15.5000	189.00000	61.500000	19.000000	-11.1903	-3.2072	3.2072	-11.1903
						17.4375	189.00000	59.562500	19.000000	-11.9403	-3.3426	3.3426	-11.9403
						19.3750	189.00000	57.625000	19.000000	-12.6903	-3.4780	3.4780	-12.6903
						21.3125	189.00000	55.687500	19.000000	-13.4403	-3.6134	3.6134	-13.4403
						23.2500	189.00000	53.750000	19.000000	-14.1903	-3.7488	3.7488	-14.1903
						25.1875	189.00000	51.812500	19.000000	-14.9403	-3.8842	3.8842	-14.9403
						27.1250	189.00000	49.875000	19.000000	-15.6903	-4.0196	4.0196	-15.6903
						29.0625	189.00000	47.937500	19.000000	-16.4403	-4.1550	4.1550	-16.4403
						31.0000	189.00000	46.000000	19.000000	-17.1903	-4.2904	4.2904	-17.1903
	38		Hospital No.3_2	Hospital No.3_2		0.0	189.00000	46.000000	19.000000	-17.9403	-4.4258	4.4258	-17.9403
						1.8000	190.80000	46.000000	19.000000	-7.6347	0.019543	7.6347	0.019543
						3.6000	192.60000	46.000000	19.000000	-6.6285	0.016967	6.6285	0.016967
						5.4000	194.40000	46.000000	19.000000	-5.6338	0.014421	5.6338	0.014421
						7.2000	196.20000	46.000000	19.000000	-4.8880	0.012512	4.8880	0.012512
						9.0000	198.00000	46.000000	19.000000	-4.2131	0.010784	4.2131	0.010784
	39		Hospital No.3_3	Hospital No.3_3		0.0	198.00000	46.000000	19.000000	-4.2131	0.010784	0.010784	4.2131
						1.8000	198.00000	47.800000	19.000000	-4.2148	0.010789	0.010789	4.2148
						3.6000	198.00000	49.600000	19.000000	-4.2165	0.010793	0.010793	4.2165
						5.4000	198.00000	51.400000	19.000000	-4.2182	0.010798	0.010798	4.2182
						7.2000	198.00000	53.200000	19.000000	-4.2200	0.010802	0.010802	4.2200
						9.0000	198.00000	55.000000	19.000000	-4.2217	0.010807	0.010807	4.2217
	40		Hospital No.3_4	Hospital No.3_4		0.0	198.00000	55.000000	19.000000	-4.2217	0.010807	-4.2217	0.010807
						2.0000	200.00000	55.000000	19.000000	-3.4717	0.0088867	-3.4717	0.0088867
						4.0000	202.00000	55.000000	19.000000	-2.7217	0.0069669	-2.7217	0.0069669
						6.0000	204.00000	55.000000	19.000000	-1.9717	0.0050471	-1.9717	0.0050471
						8.0000	206.00000	55.000000	19.000000	-1.2217	0.0031273	-1.2217	0.0031273
						10.0000	208.00000	55.000000	19.000000	-0.47172	0.0012075	-0.47172	0.0012075
						12.0000	210.00000	55.000000	19.000000	0.0	0.0	0.0	0.0
						14.0000	212.00000	55.000000	19.000000	0.0	0.0	0.0	0.0
						16.0000	214.00000	55.000000	19.000000	0.0	0.0	0.0	0.0
						18.0000	216.00000	55.000000	19.000000	0.0	0.0	0.0	0.0
						20.0000	218.00000	55.000000	19.000000	0.0	0.0	0.0	0.0
						22.0000	220.00000	55.000000	19.000000	0.0	0.0	0.0	0.0
						24.0000	2						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

	Ref.				[m]	[m]	[m]	[m]	[mm]		
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000	22.00000	15.011	d
						1.9444	6.00000	15.94444	22.00000	17.190	d
						3.8889	6.00000	17.88889	22.00000	17.926	d
						5.8333	6.00000	19.83333	22.00000	18.583	d
						7.7778	6.00000	21.77778	22.00000	19.610	d
						9.7222	6.00000	23.72222	22.00000	21.291	d
						11.667	6.00000	25.66667	22.00000	23.002	d
						13.611	6.00000	27.61111	22.00000	23.852	d
						15.556	6.00000	29.55556	22.00000	23.998	d
						17.500	6.00000	31.50000	22.00000	23.589	d
						19.444	6.00000	33.44444	22.00000	22.562	d
						21.389	6.00000	35.38889	22.00000	21.419	d
						23.333	6.00000	37.33333	22.00000	20.552	d
						25.278	6.00000	39.27778	22.00000	20.155	d
						27.222	6.00000	41.22222	22.00000	20.146	d
						29.167	6.00000	43.16667	22.00000	20.531	d
						31.111	6.00000	45.11111	22.00000	21.358	d
						33.056	6.00000	47.05556	22.00000	20.914	d
						35.000	6.00000	49.00000	22.00000	14.433	d
	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	14.433	22.00000	d
						2.0000	4.00000	49.00000	22.00000	10.554	d
						4.0000	2.00000	49.00000	22.00000	7.2311	d
						6.0000	0.00000	49.00000	22.00000	4.8505	d
						8.0000	-2.00000	49.00000	22.00000	2.9965	d
						10.000	-4.00000	49.00000	22.00000	1.5574	d
						12.000	-6.00000	49.00000	22.00000	0.50714	d
						14.000	-8.00000	49.00000	22.00000	-0.23129	d
						16.000	-10.00000	49.00000	22.00000	-0.61477	d
						18.000	-12.00000	49.00000	22.00000	-0.71317	d
						20.000	-14.00000	49.00000	22.00000	-0.74319	d
	3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000	-0.74319	22.00000	d
						1.9444	-14.00000	47.05556	22.00000	-0.74855	d
						3.8889	-14.00000	45.11111	22.00000	-0.75343	d
						5.8333	-14.00000	43.16667	22.00000	-0.75795	d
						7.7778	-14.00000	41.22222	22.00000	-0.76213	d
						9.7222	-14.00000	39.27778	22.00000	-0.76584	d
						11.667	-14.00000	37.33333	22.00000	-0.76893	d
						13.611	-14.00000	35.38889	22.00000	-0.77130	d
						15.556	-14.00000	33.44444	22.00000	-0.77289	d
						17.500	-14.00000	31.50000	22.00000	-0.77375	d
						19.444	-14.00000	29.55556	22.00000	-0.77397	d
						21.389	-14.00000	27.61111	22.00000	-0.77367	d
						23.333	-14.00000	25.66667	22.00000	-0.77295	d
						25.278	-14.00000	23.72222	22.00000	-0.77189	d
						27.222	-14.00000	21.77778	22.00000	-0.77050	d
						29.167	-14.00000	19.83333	22.00000	-0.76873	d
						31.111	-14.00000	17.88889	22.00000	-0.76648	d
						33.056	-14.00000	15.94444	22.00000	-0.76356	d
						35.000	-14.00000	14.00000	22.00000	-0.75969	d
	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	-0.75969	22.00000	d
						2.0000	-12.00000	14.00000	22.00000	-0.73249	d
						4.0000	-10.00000	14.00000	22.00000	-0.66981	d
						6.0000	-8.00000	14.00000	22.00000	-0.47071	d
						8.0000	-6.00000	14.00000	22.00000	0.23217	d
						10.000	-4.00000	14.00000	22.00000	1.2296	d
						12.000	-2.00000	14.00000	22.00000	2.6181	d
						14.000	0.00000	14.00000	22.00000	4.4176	d
						16.000	2.00000	14.00000	22.00000	6.6167	d
						18.000	4.00000	14.00000	22.00000	9.3400	d
						20.000	6.00000	14.00000	22.00000	15.011	d
	5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	-0.0017964	20.00000	d
						2.0031	43.00000	0.11111	20.00000	0.15055	d
						4.0062	41.00000	0.22222	20.00000	0.39197	d
						6.0093	39.00000	0.33333	20.00000	0.48392	d
						8.0123	37.00000	0.44444	20.00000	0.56952	d
						10.015	35.00000	0.55556	20.00000	0.64790	d
						12.019	33.00000	0.66667	20.00000	0.71933	d
						14.022	31.00000	0.77778	20.00000	0.78470	d
						16.025	29.00000	0.88889	20.00000	0.84502	d
						18.028	27.00000	1.00000	20.00000	0.90109	d
	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	0.90109	20.00000	d
						1.8409	26.83333	-0.83333	20.00000	0.075873	d
						3.6818	26.66667	-2.66667	20.00000	-0.29340	d
						5.5227	26.50000	-4.50000	20.00000	-0.47084	d
						7.3636	26.33333	-6.33333	20.00000	-0.55460	d
						9.2045	26.16667	-8.16667	20.00000	-0.60151	d
						11.045	26.00000	-10.00000	20.00000	-0.62218	d
	7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	-0.62218	20.00000	d
						1.7500	27.75000	-10.00000	20.00000	-0.61137	d
						3.5000	29.50000	-10.00000	20.00000	-0.59945	d
						5.2500	31.25000	-10.00000	20.00000	-0.58646	d
						7.0000	33.00000	-10.00000	20.00000	-0.57247	d
	8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	-0.57247	20.00000	d
						1.9749	32.84375	-11.96875	20.00000	-0.57179	d
						3.9499	32.68750	-13.93750	20.00000	-0.55791	d
						5.9248	32.53125	-15.90625	20.00000	-0.53537	d
						7.8998	32.37500	-17.87500	20.00000	-0.50740	d
						9.8747	32.21875	-19.84375	20.00000	-0.47631	d
						11.850	32.06250	-21.81250	20.00000	-0.44374	d
						13.825	31.90625	-23.78125	20.00000	-0.41085	d
						15.800	31.75000	-25.75000	20.00000	-0.37845	d
						17.774	31.59375	-27.71875	20.00000	-0.34709	d
						19.749	31.43750	-29.68750	20.00000	-0.31711	d
						21.724	31.28125	-31.65625	20.00000	-0.28874	d
						23.699	31.12500	-33.62500	20.00000	-0.26210	d
						25.674	30.96875	-35.59375	20.00000	-0.23723	d
						27.649	30.81250	-37.56250	20.00000	-0.21412	d
						29.624	30.65625	-39.53125	20.00000	-0.19274	d
						31.599	30.50000	-41.50000	20.00000	-0.17301	d
						33.574	30.34375	-43.46875	20.00000	-0.15487	d
						35.549	30.18750	-45.43750	20.00000	-0.13822	d
						37.524	30.03125	-47.40625	20.00000	-0.12296	d
						39.499	29.87500	-49.37500	20.00000	-0.10901	d
						41.474	29.71875	-51.34375	20.00000	-0.096267	d
						43.449	29.56250	-53.31250	20.00000	-0.084644	d
						45.424	29.40625	-55.28125	20.00000	-0.074055	d
						47.399	29.25000	-57.25000	20.00000	-0.064416	d
						49.374	29.09375	-59.21875	20.00000	-0.055651	d
						51.348	28.93750	-61.18750	20.00000	-0.047688	d
						53.323	28.78125	-63.15625	20.00000	-0.040459	d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

										Job No.	Sheet No.	Rev.
										371654		
										Drg. Ref.		
										Made by MK	Date 06-Aug-2020	Checked
Stage: Ref.	Stage: Name Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dx			
					32.073	42.16216	-42.00000	20.00000	-0.091835	d		
					34.078	42.29730	-40.00000	20.00000	-0.10685	d		
					36.082	42.43243	-38.00000	20.00000	-0.12331	d		
					38.087	42.56757	-36.00000	20.00000	-0.14130	d		
					40.091	42.70270	-34.00000	20.00000	-0.16090	d		
					42.096	42.83784	-32.00000	20.00000	-0.18215	d		
					44.100	42.97297	-30.00000	20.00000	-0.20509	d		
					46.105	43.10811	-28.00000	20.00000	-0.22968	d		
					48.109	43.24324	-26.00000	20.00000	-0.25586	d		
					50.114	43.37838	-24.00000	20.00000	-0.28344	d		
					52.119	43.51351	-22.00000	20.00000	-0.31216	d		
					54.123	43.64865	-20.00000	20.00000	-0.34157	d		
					56.128	43.78378	-18.00000	20.00000	-0.37099	d		
					58.132	43.91892	-16.00000	20.00000	-0.39945	d		
					60.137	44.05405	-14.00000	20.00000	-0.42557	d		
					62.141	44.18919	-12.00000	20.00000	-0.44737	d		
					64.146	44.32432	-10.00000	20.00000	-0.46210	d		
					66.150	44.45946	-8.00000	20.00000	-0.46587	d		
					68.155	44.59459	-6.00000	20.00000	-0.45321	d		
					70.160	44.72973	-4.00000	20.00000	-0.41636	d		
					72.164	44.86486	-2.00000	20.00000	-0.34421	d		
					74.169	45.00000	0.00000	20.00000	-0.0017964	d		
	11	TP No.1_1	TP No.1_1	0.0	0.0	96.00000	-16.00000	20.00000	3.5456	d		
					1.8634	94.33333	-15.16667	20.00000	0.68376	d		
					3.7268	92.66667	-14.33333	20.00000	0.70069	d		
					5.5902	91.00000	-13.50000	20.00000	0.71677	d		
					7.4536	89.33333	-12.66667	20.00000	0.73190	d		
					9.3169	87.66667	-11.83333	20.00000	0.74594	d		
	12	TP No.1_2	TP No.1_2	0.0	11.180	86.00000	-11.00000	20.00000	0.75870	d		
					0.0	86.00000	-11.00000	20.00000	0.75870	d		
					1.8634	85.16667	-12.66667	20.00000	0.73581	d		
					3.7268	84.33333	-14.33333	20.00000	0.19904	d		
					5.5902	83.50000	-16.00000	20.00000	0.20452	d		
					7.4536	82.66667	-17.66667	20.00000	0.23186	d		
					9.3169	81.83333	-19.33333	20.00000	0.24961	d		
	13	TP No.1_3	TP No.1_3	0.0	11.180	81.00000	-21.00000	20.00000	0.25992	d		
					0.0	81.00000	-21.00000	20.00000	0.25992	d		
					2.0454	79.14286	-20.14286	20.00000	0.22642	d		
					4.0908	77.28571	-19.28571	20.00000	0.19056	d		
					6.1362	75.42857	-18.42857	20.00000	0.15236	d		
					8.1816	73.57143	-17.57143	20.00000	0.11189	d		
					10.227	71.71429	-16.71429	20.00000	0.069246	d		
					12.272	69.85714	-15.85714	20.00000	0.024633	d		
	14	TP No.1_4	TP No.1_4	0.0	14.318	68.00000	-15.00000	20.00000	-0.021688	d		
					0.0	68.00000	-15.00000	20.00000	-0.021688	d		
					2.0900	67.16667	-16.91667	20.00000	-0.0015336	d		
					4.1800	66.33333	-18.83333	20.00000	0.012592	d		
					6.2700	65.50000	-20.75000	20.00000	0.022265	d		
					8.3600	64.66667	-22.66667	20.00000	0.028677	d		
					10.4500	63.83333	-24.58333	20.00000	0.032728	d		
	15	TP No.1_5	TP No.1_5	0.0	12.540	63.00000	-26.50000	20.00000	0.035094	d		
					0.0	63.00000	-26.50000	20.00000	0.035094	d		
					1.9699	64.76190	-27.38095	20.00000	0.068240	d		
					3.9397	66.52381	-28.26190	20.00000	0.099809	d		
					5.9096	68.28571	-29.14286	20.00000	0.112976	d		
					7.8795	70.04762	-30.02381	20.00000	0.15805	d		
					9.8493	71.80952	-30.90476	20.00000	0.18469	d		
					11.819	73.57143	-31.78571	20.00000	0.20968	d		
					13.789	75.33333	-32.66667	20.00000	0.23303	d		
					15.759	77.09524	-33.54762	20.00000	0.25478	d		
					17.729	78.85714	-34.42857	20.00000	0.27494	d		
					19.699	80.61905	-35.30952	20.00000	0.29358	d		
					21.669	82.38095	-36.19048	20.00000	0.31072	d		
					23.638	84.14286	-37.07143	20.00000	0.32642	d		
					25.608	85.90476	-37.95238	20.00000	0.34073	d		
					27.578	87.66667	-38.83333	20.00000	0.35369	d		
					29.548	89.42857	-39.71429	20.00000	0.36537	d		
					31.518	91.19048	-40.59524	20.00000	0.37581	d		
					33.488	92.95238	-41.47619	20.00000	0.38507	d		
					35.458	94.71429	-42.35714	20.00000	0.39320	d		
					37.428	96.47619	-43.23810	20.00000	0.40024	d		
					39.397	98.23810	-44.11905	20.00000	0.40625	d		
	16	TP No.1_6	TP No.1_6	0.0	41.367	100.00000	-45.00000	20.00000	0.41127	d		
					0.0	100.00000	-45.00000	20.00000	0.41127	d		
					2.0883	101.00000	-43.16667	20.00000	0.43064	d		
					4.1767	102.00000	-41.33333	20.00000	0.44965	d		
					6.2650	103.00000	-39.50000	20.00000	0.46786	d		
					8.3533	104.00000	-37.66667	20.00000	0.48471	d		
					10.442	105.00000	-35.83333	20.00000	0.49949	d		
					12.530	106.00000	-34.00000	20.00000	0.61114	d		
	17	TP No.1_7	TP No.1_7	0.0	0.0	106.00000	-34.00000	20.00000	0.61114	d		
					2.0691	104.12500	-33.12500	20.00000	0.60829	d		
					4.1382	102.25000	-32.25000	20.00000	0.60394	d		
					6.2074	100.37500	-31.37500	20.00000	0.59802	d		
					8.2765	98.50000	-30.50000	20.00000	0.59049	d		
					10.346	96.62500	-29.62500	20.00000	0.58127	d		
					12.415	94.75000	-28.75000	20.00000	0.57031	d		
					14.484	92.87500	-27.87500	20.00000	0.55754	d		
	18	TP No.1_8	TP No.1_8	0.0	16.553	91.00000	-27.00000	20.00000	0.54289	d		
					0.0	91.00000	-27.00000	20.00000	0.54289	d		
					2.0138	91.83333	-25.16667	20.00000	0.62199	d		
					4.0277	92.66667	-23.33333	20.00000	0.74247	d		
					6.0415	93.50000	-21.50000	20.00000	1.0029	d		
					8.0554	94.33333	-19.66667	20.00000	1.7296	d		
					10.069	95.16667	-17.83333	20.00000	2.5807	d		
	19	TP No.2_1	TP No.2_1	0.0	12.083	96.00000	-16.00000	20.00000	3.5456	d		
					0.0	148.00000	-41.00000	20.00000	2.0436	d		
					1.9906	146.20000	-40.15000	20.00000	2.0971	d		
					3.9812	144.40000	-39.30000	20.00000	2.1502	d		
					5.9718	142.60000	-38.45000	20.00000	2.2027	d		
					7.9624	140.80000	-37.60000	20.00000	2.2547	d		
					9.9530	139.00000	-36.75000	20.00000	2.3061	d		
					11.944	137.20000	-35.90000	20.00000	2.3568	d		
					13.934	135.40000	-35.05000	20.00000	2.4070	d		
					15.925	133.60000	-34.20000	20.00000	2.4566	d		
					17.915	131.80000	-33.35000	20.00000	2.5056	d		
					19.906	130.00000	-32.50000	20.00000	2.5541	d		
					21.897	128.20000	-31.65000	20.00000	2.6022	d		
					23.887	126.40000	-30.80000	20.00000	2.6498	d		
					25.878	124.60000	-29.95000	20.00000	2.6970	d		
					27.868	122.80000	-29.10000	20.00000	2.7438	d		
					29.859	121.00000	-28.25000	20.00000	2.7900	d		
					31.850	119.20000	-27.40000	20.00000	2.8358	d		
					33.840	117.40000	-26.55000	20.00000	2.8809	d		
					35.831	115.60000	-25.70000	20.00000	2.9253	d		



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Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dx						
					[m]	[m]	[m]	[m]	[mm]							
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	7.0376 d						
						0.0	189.00000	37.00000	19.00000	6.9882 d						
						2.0000	189.00000	35.00000	19.00000	6.9858 d						
						4.0000	189.00000	33.00000	19.00000	6.9830 d						
						6.0000	189.00000	31.00000	19.00000	6.9798 d						
						8.0000	189.00000	29.00000	19.00000	6.9760 d						
						10.000	189.0000	27.0000	19.0000	6.9713 d						
						12.000	189.00000	25.00000	19.0000	6.9656 d						
						14.000	189.00000	23.00000	19.0000	6.9589 d						
						16.000	189.00000	21.00000	19.0000	6.9516 d						
						18.000	189.00000	19.00000	19.0000	6.9439 d						
						20.000	189.00000	17.00000	19.0000	6.9356 d						
						22.000	189.00000	15.00000	19.0000	6.9268 d						
						24.000	189.00000	13.00000	19.0000	6.9177 d						
						26.000	189.00000	11.00000	19.0000	6.9088 d						
						28.000	189.00000	9.00000	19.0000	6.9008 d						
						30.000	189.00000	7.00000	19.0000	6.8942 d						
						32.000	189.00000	5.00000	19.0000	6.8895 d						
						34	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	0.0	189.00000	5.00000	19.00000	6.8895 d
2.0000	191.00000	5.00000	19.00000	5.7721 d												
4.0000	193.00000	5.00000	19.00000	4.6461 d												
6.0000	195.00000	5.00000	19.00000	3.5750 d												
8.0000	197.00000	5.00000	19.00000	2.6026 d												
10.000	199.00000	5.00000	19.00000	1.7532 d												
12.000	201.00000	5.00000	19.00000	1.0465 d												
14.000	203.00000	5.00000	19.00000	0.84153 d												
16.000	205.00000	5.00000	19.00000	0.72098 d												
18.000	207.00000	5.00000	19.00000	0.63543 d												
20.000	209.00000	5.00000	19.00000	0.51737 d												
22.000	211.00000	5.00000	19.00000	0.48740 d												
24.000	213.00000	5.00000	19.00000	0.47313 d												
26.000	215.00000	5.00000	19.00000	0.45797 d												
28.000	217.00000	5.00000	19.00000	0.44230 d												
30.000	219.00000	5.00000	19.00000	0.42639 d												
32.000	221.00000	5.00000	19.00000	0.41046 d												
34.000	223.00000	5.00000	19.00000	0.39469 d												
36.000	225.00000	5.00000	19.00000	0.37918 d												
35	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	0.0	225.00000	5.00000	19.00000	0.37918 d						
						2.0000	225.00000	7.00000	19.00000	0.38347 d						
						4.0000	225.00000	9.00000	19.00000	0.38750 d						
						6.0000	225.00000	11.00000	19.00000	0.39124 d						
						8.0000	225.00000	13.00000	19.00000	0.39469 d						
						10.000	225.00000	15.00000	19.00000	0.39783 d						
						12.000	225.00000	17.00000	19.00000	0.40064 d						
						14.000	225.00000	19.00000	19.00000	0.40312 d						
						16.000	225.00000	21.00000	19.00000	0.40527 d						
						18.000	225.00000	23.00000	19.00000	0.40706 d						
						20.000	225.00000	25.00000	19.00000	0.40849 d						
						22.000	225.00000	27.00000	19.00000	0.40957 d						
						24.000	225.00000	29.00000	19.00000	0.41027 d						
						26.000	225.00000	31.00000	19.00000	0.41061 d						
						28.000	225.00000	33.00000	19.00000	0.41058 d						
						30.000	225.00000	35.00000	19.00000	0.41018 d						
						32.000	225.00000	37.00000	19.00000	0.40941 d						
						36	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0	0.0	225.00000	37.00000	19.00000	0.40941 d
												2.0000	223.00000	37.00000	19.00000	0.42671 d
4.0000	221.00000	37.00000	19.00000	0.44433 d												
6.0000	219.00000	37.00000	19.00000	0.46213 d												
8.0000	217.00000	37.00000	19.00000	0.47994 d												
10.000	215.00000	37.00000	19.00000	0.49750 d												
12.000	213.00000	37.00000	19.00000	0.51451 d												
14.000	211.00000	37.00000	19.00000	0.53056 d												
16.000	209.00000	37.00000	19.00000	0.56822 d												
18.000	207.00000	37.00000	19.00000	0.68501 d												
20.000	205.00000	37.00000	19.00000	0.77223 d												
22.000	203.00000	37.00000	19.00000	0.89663 d												
24.000	201.00000	37.00000	19.00000	1.1092 d												
26.000	199.00000	37.00000	19.00000	1.8359 d												
28.000	197.00000	37.00000	19.00000	2.6910 d												
30.000	195.00000	37.00000	19.00000	3.6685 d												
32.000	193.00000	37.00000	19.00000	4.7432 d												
34.000	191.00000	37.00000	19.00000	5.8710 d												
36.000	189.00000	37.00000	19.00000	6.9882 d												
37	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	0.0	0.0	189.00000	77.00000	19.00000	4.2089 d						
						1.9375	189.00000	75.06250	19.00000	4.5816 d						
						3.8750	189.00000	73.12500	19.00000	4.9638 d						
						5.8125	189.00000	71.18750	19.00000	5.3554 d						
						7.7500	189.00000	69.25000	19.00000	5.7555 d						
						9.6875	189.00000	67.31250	19.00000	6.1622 d						
						11.6250	189.00000	65.37500	19.00000	6.5658 d						
						13.563	189.00000	63.43750	19.00000	6.8536 d						
						15.500	189.00000	61.50000	19.00000	6.9771 d						
						17.438	189.00000	59.56250	19.00000	6.9797 d						
						19.375	189.00000	57.62500	19.00000	6.9792 d						
						21.313	189.00000	55.68750	19.00000	6.9803 d						
						23.250	189.00000	53.75000	19.00000	6.9823 d						
						25.188	189.00000	51.81250	19.00000	6.9847 d						
						27.125	189.00000	49.87500	19.00000	6.9868 d						
						29.063	189.00000	47.93750	19.00000	6.9885 d						
						31.000	189.00000	46.00000	19.00000	6.9897 d						
						38	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	0.0	0.0	189.00000	46.00000	19.00000	6.9897 d
												1.8000	190.80000	46.00000	19.00000	5.9855 d
3.6000	192.60000	46.00000	19.00000	4.9664 d												
5.4000	194.40000	46.00000	19.00000	3.9813 d												
7.2000	196.20000	46.00000	19.00000	3.0660 d												
9.0000	198.00000	46.00000	19.00000	2.2436 d												
0.0	198.00000	46.00000	19.00000	2.2436 d												
1.8000	198.00000	47.80000	19.00000	2.2415 d												
3.6000	198.00000	49.60000	19.00000	2.2390 d												
5.4000	198.00000	51.40000	19.00000	2.2362 d												
7.2000	198.00000	53.20000	19.00000	2.2331 d												
9.0000	198.00000	55.00000	19.00000	2.2299 d												
0.0	198.00000	55.00000	19.00000	2.2299 d												
2.0000	200.00000	55.00000	19.00000	1.4364 d												
4.0000	202.00000	55.00000	19.00000	0.9565 d												
6.0000	204.00000	55.00000	19.00000	0.79286 d												
8.0000	206.00000	55.00000	19.00000	0.69421 d												
10.000	208.00000	55.00000	19.00000	0.60335 d												
12.000	210.00000	55.00000	19.00000	0.50514 d												
14.000	212.00000	55.00000	19.00000	0.41013 d												
16.000	214.00000	55.00000	19.00000	0.47586 d												
18.000	216.00000	55.00000	19.00000	0.45994 d												
20.000	218.00000	55.00000	19.00000	0.44365 d												
22.000	220.00000	55.00000	19.00000	0.42724 d												
40	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	0.0	14.063	232.00000	55.62500	19.00000	0.41917 d						
						0.0	222.00000	55.00000	19.00000	0.41090 d						
						1.8000	222.00000	53.20000	19.00000	0.41462 d						
						3.6000	222.00000	51.40000	19.00000	0.41809 d						
						5.4000	222.00000	49.60000	19.00000	0.42129 d						
						7.2000	222.00000	47.80000	19.00000	0.42421 d						
						9.0000	222.00000	46.00000	19.00000	0.42685 d						
						0.0	222.00000	46.00000	19.00000	0.42685 d						
						2.0000	224.00000	46.00000	19.00000	0.40986 d						
						4.0000	226.00000	46.00000	19.00000	0.39323 d						
						6.0000	228.00000	46.00000	19.00000	0.37703 d						
						8.0000	230.00000	46.00000	19.00000	0.36134 d						
						0.0	230.00000	46.00000	19.00000	0.36134 d						
						1.9375	230.00000	47.93750	19.00000	0.35909 d						
						3.8750	230.00000	49.87500	19.00000	0.35658 d						
						5.8125	230.00000	51.81250	19.00000	0.35381 d						
						7.7500	230.00000	53.75000	19.00000	0.35079 d						
						9.6875	230.00000	55.68750	19.00000	0.34754 d						
						11.625	230.00000	57.62500	19.00000	0.34406 d						
13.563	230.00000	59.56250	19.00000	0.34036 d												
15.500	230.00000	61.50000	19.00000	0.33646 d												
17.438	230.00000	63.43750	19.00000	0.33236 d												
19.375	230.00000	65.37500	19.00000	0.32808 d												
21.313	230.00000	67.31250	19.00000	0.32363 d												
23.250	230.00000	69.25000	19.00000	0.31902 d												
25.188	230.00000	71.18750	19.00000	0.31426 d												
27.125	230.00000	73.12500	19.00000	0.30937 d												



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Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dx
						29.063	230.00000	75.06250	19.00000	0.30436 d
						31.000	230.00000	77.00000	19.00000	0.29923 d
44		Hospital No.3_8	Hospital No.3_8	Hospital No.3_8	0.0	0.0	230.00000	77.00000	19.00000	0.29923 d
						1.9524	228.04762	77.00000	19.00000	0.31092 d
						3.9048	226.09524	77.00000	19.00000	0.32297 d
						5.8571	224.14286	77.00000	19.00000	0.33536 d
						7.8095	222.19048	77.00000	19.00000	0.34803 d
						9.7619	220.23810	77.00000	19.00000	0.36095 d
						11.714	218.28571	77.00000	19.00000	0.37404 d
						13.667	216.33333	77.00000	19.00000	0.38720 d
						15.619	214.38095	77.00000	19.00000	0.40031 d
						17.571	212.42857	77.00000	19.00000	0.41321 d
						19.524	210.47619	77.00000	19.00000	0.42570 d
						21.476	208.52381	77.00000	19.00000	0.43752 d
						23.429	206.57143	77.00000	19.00000	0.44834 d
						25.381	204.61905	77.00000	19.00000	0.45916 d
						27.333	202.66667	77.00000	19.00000	0.47000 d
						29.286	200.71429	77.00000	19.00000	0.48084 d
						31.238	198.76190	77.00000	19.00000	0.49168 d
						33.190	196.80952	77.00000	19.00000	0.50252 d
						35.143	194.85714	77.00000	19.00000	0.51336 d
						37.095	192.90476	77.00000	19.00000	0.52420 d
						39.048	190.95238	77.00000	19.00000	0.53504 d
						41.000	189.00000	77.00000	19.00000	0.54588 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Min Ref.	Stage Name	Damage Category	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient
Radius of Curvature						from Line for Vertical Movement Calculations [m]					Ratio	Horizontal Strain	Tensile Strain	of Horizontal Displacement	of Vertical Displacement Curve
[m]								[m]	[m]		[%]	[%]	[%]		
0	Base Model 1			Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	4.8300	None	0.018141	-0.036610	0.013389	910.83E-6	-0.0011216
2114.7 0 (Negligible)							2	4.8300	4.7379	None	0.0093812	40.795E-6	0.0090369	-408.68E-9	-864.65E-6
8887.3 0 (Negligible)							3	9.5679	10.631	Sagging	0.021899	41.147E-6	0.024888	-413.94E-9	-879.59E-6
5369.8 0 (Negligible)							4	20.199	8.9689	Hogging	0.011870	41.583E-6	0.011476	-418.29E-9	587.82E-6
9223.5 0 (Negligible)							5	29.168	5.8319	Sagging	0.076350	-0.098179	0.053748	0.0016176	0.0033375
521.50 1 (Very Slight)				Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	20.000	Hogging	0.026818	0.011004	0.040189	818.08E-6	0.0019415
5404.7 0 (Negligible)				Canal Side Studios_3	Canal Side Studios_3	0.0	1	0.0	35.000	None	63.907E-6	0.0	90.158E-6	0.0	2.7567E-6
3.7462E+6 0 (Negligible)				Canal Side Studios_4	Canal Side Studios_4	0.0	1	0.0	20.000	Hogging	0.030374	0.032635	0.065690	-524.96E-6	-0.0028352
1125.7 1 (Very Slight)				Beaumont Court_1	Beaumont Court_1	0.0	1	2.0031	0.70624	None	0.0	0.0030023	0.0030023	-30.022E-6	-120.52E-6
136310. 0 (Negligible)							2	2.7093	15.318	None	684.36E-6	359.79E-6	0.0010356	-30.022E-6	-120.52E-6
75007. 0 (Negligible)				Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	11.045	None	0.0062150	0.014404	0.019100	-371.79E-6	448.10E-6
6497.3 0 (Negligible)				Beaumont Court_3	Beaumont Court_3	0.0	1	0.0	7.0000	None	30.165E-6	0.0	29.361E-6	0.0	-7.9953E-6
2.7480E+6 0 (Negligible)				Beaumont Court_4	Beaumont Court_4	0.0	1	0.0	12.817	None	234.62E-6	0.0	214.18E-6	0.0	-16.652E-6
272390. 0 (Negligible)							2	12.817	26.682	None	138.11E-6	0.0	190.94E-6	0.0	-16.652E-6
2.2190E+6 0 (Negligible)				Beaumont Court_5	Beaumont Court_5	0.0	All vertical displacements are less than the limit sensitivity.				94.860E-6	0.0	112.33E-6	0.0	14.668E-6
2.4078E+6 0 (Negligible)				Beaumont Court_6	Beaumont Court_6	0.0	1	34.078	19.872	None	676.84E-6	0.0	757.13E-6	-89.583E-6	-170.80E-6
19000. 0 (Negligible)				TP No.1_1	TP No.1_1	0.0	1	0.0	5.5877	Hogging	0.034327	-0.0053189	0.032229	167.28E-6	0.0015361
964.63 0 (Negligible)							2	5.5877	5.5926	None	21.767E-6	388.18E-6	395.86E-6	-3.8818E-6	-8.6287E-6
2.6273E+6 0 (Negligible)				TP No.1_2	TP No.1_2	0.0	1	0.0	7.4103	None	0.0039591	0.020806	0.022642	-370.98E-6	213.99E-6
13569. 0 (Negligible)							2	7.4103	3.7700	None	102.58E-6	0.0	101.96E-6	0.0	-14.674E-6
435760. 0 (Negligible)				TP No.1_3	TP No.1_3	0.0	1	0.0	8.1816	None	56.675E-6	0.0	55.039E-6	0.0	20.846E-6
1.7714E+6 0 (Negligible)				TP No.1_4	TP No.1_4	0.0	All vertical displacements are less than the limit sensitivity.				157.66E-6	0.0	229.78E-6	0.0	-15.202E-6
2.3467E+6 0 (Negligible)				TP No.1_5	TP No.1_5	0.0	1	5.9096	35.458	None	11.402E-6	0.0	11.194E-6	0.0	-9.2789E-6
3.1252E+6 0 (Negligible)				TP No.1_6	TP No.1_6	0.0	1	0.0	6.3855	None	0.0010241	0.0094194	0.0098161	-277.07E-6	-53.450E-6
35875. 0 (Negligible)							2	6.3855	6.1445	None	81.241E-6	103.61E-6	180.42E-6	-1.0361E-6	7.0826E-6
2.2519E+6 0 (Negligible)				TP No.1_7	TP No.1_7	0.0	1	0.0	16.553	None	0.0085582	0.037523	0.040785	-379.66E-6	-478.96E-6
13692. 0 (Negligible)				TP No.1_8	TP No.1_8	0.0	1	0.0	12.083	Hogging	56.079E-6	122.31E-6	202.88E-6	-1.2231E-6	-26.905E-6
5.6741E+6 0 (Negligible)				TP No.2_1	TP No.2_1	0.0	1	0.0	33.882	None	0.0014870	122.31E-6	0.0015149	-1.2231E-6	-89.261E-6
23615. 0 (Negligible)							2	33.882	5.9297	None	0.0081479	0.036935	0.042070	-369.21E-6	508.97E-6
13315. 0 (Negligible)				TP No.2_2	TP No.2_2	0.0	1	0.0	10.296	None	329.09E-6	122.31E-6	614.73E-6	-1.2231E-6	72.243E-6
24531. 0 (Negligible)				TP No.2_3	TP No.2_3	0.0	1	0.0	39.812	None	0.0016406	0.036935	0.037294	-369.21E-6	-115.42E-6
22261. 0 (Negligible)				TP No.2_4	TP No.2_4	0.0	1	0.0	3.4363	None	0.0057059	0.036935	0.039392	-369.21E-6	-386.16E-6
8776.5 0 (Negligible)							2	3.4363	6.8594	None	0.0059295	0.011916	0.017333	-230.32E-6	-390.85E-6
20090. 0 (Negligible)				TP No.3_1	TP No.3_1	0.0	1	0.0	31.693	Hogging	0.0064946	-0.016743	0.0047900	479.77E-6	-390.85E-6
25482. 0 (Negligible)							2	31.693	19.297	Sagging	0.0051701	0.044694	0.048547	-568.12E-6	594.92E-6
265200. 1 (Very Slight)				TP No.3_2	TP No.3_2	0.0	1	0.0	0.99035	None	0.0	0.056844	0.056844	-568.12E-6	594.92E-6
9342.1 0 (Negligible)							2	0.99035	12.426	None	298.86E-6	-0.0028727	595.06E-6	77.715E-6	24.669E-6
412800. 0 (Negligible)				TP No.3_3	TP No.3_3	0.0	1	0.0	16.431	None	16.955E-6	465.32E-6	467.88E-6	-25.000E-6	-24.454E-6
4.7951E+6 0 (Negligible)							2	16.431	2.3829	None	127.10E-6	0.0058679	0.0059132	-110.89E-6	39.740E-6
398430. 0 (Negligible)							3	18.814	5.6482	None	284.16E-6	946.39E-6	0.0013112	-110.89E-6	39.740E-6
177870. 0 (Negligible)							4	24.462	26.105	None	2.7318E-6	0.0	2.5392E-6	0.0	-2.7746E-6
37.767E+6 0 (Negligible)				TP No.3_4	TP No.3_4	0.0	1	0.0	12.530	None	0.0047353	-0.026375	0.0055038	503.48E-6	381.63E-6
21894. 0 (Negligible)				Hospital No.1_1	Hospital No.1_1	0.0	1	0.0	12.000	None	0.0059721	0.0094656	0.018166	-272.96E-6	401.01E-6
17774. 0 (Negligible)				Hospital No.1_2	Hospital No.1_2	0.0	1	0.0	37.000	Hogging	0.0	0.0	35.763E-9	0.0	-3.2191E-6
10.485E+9 0 (Negligible)				Hospital No.1_3	Hospital No.1_3	0.0	1	0.0	0.11312	None	4.6951E-6	0.0	6.4731E-6	0.0	-3.2191E-6
29.381E+6 0 (Negligible)							2	0.11312	21.887	None	5.8464E-6	0.0	7.7605E-6	0.0	-7.0485E-6
12.244E+6 0 (Negligible)				Hospital No.1_4	Hospital No.1_4	0.0	1	0.0	8.1385	None	4.7322E-6	0.0	5.1856E-6	0.0	-7.0485E-6
9.8448E+6 0 (Negligible)							2	8.1385	5.8615	None	5.0514E-6	0.0	7.2598E-6	0.0	4.1386E-6
22.254E+6 0 (Negligible)				Hospital No.1_5	Hospital No.1_5	0.0	1	0.0	10.000	None	0.011269	0.036291	0.053124	-541.13E-6	-601.61E-6
13127. 1 (Very Slight)				Hospital No.1_6	Hospital No.1_6	0.0	1	0.0	23.000	Hogging	51.132E-6	378.54E-9	68.986E-6	-3.7870E-9	4.5431E-6
				Hospital No.2_1	Hospital No.2_1	0.0	1	0.0	22.985	None					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Min	Stage: Name Damage Category	Specific Building: Building: Name	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Segment	Start	Length	Curvature	Deflection	Average Ratio	Max Horizontal	Max Tensile	Max Gradient of	Max Gradient of Vertical	
4.1627E+6	0 (Negligible)	34				2	22.985	9.0153	None	36.684E-6	378.29E-9	51.391E-6		-3.7836E-9	4.5431E-6	
1.9152E+6	0 (Negligible)	34				1	0.0	1.5427	None	0.0	0.056908	0.056908		-568.76E-6	558.39E-6	
163390.1	(Very Slight)	34	Hospital No.2_2	Hospital No.2_2	0.0	2	1.5427	24.180	Hogging	0.010614	0.031941	0.047921		-568.76E-6	562.70E-6	
13135.0	(Negligible)	34				3	25.723	4.6429	None	3.7211E-6	0.0	3.3975E-6		0.0	7.9627E-6	
7.4202E+6	0 (Negligible)	35				4	30.366	5.6344	None	3.8219E-6	0.0	4.0412E-6		0.0	7.9627E-6	
13.339E+6	0 (Negligible)	35	Hospital No.2_3	Hospital No.2_3	0.0	1	0.0	32.000	None	34.273E-6	0.0	37.944E-6		0.0	-2.1489E-6	
10.813E+6	0 (Negligible)	36				1	0.0	5.8406	None	4.5707E-6	0.0	4.9710E-6		0.0	-8.9017E-6	
11.327E+6	0 (Negligible)	36	Hospital No.2_4	Hospital No.2_4	0.0	2	5.8406	4.3744	None	3.6720E-6	0.0	3.3259E-6		0.0	-8.9017E-6	
6.9498E+6	0 (Negligible)	37				3	10.215	24.114	Hogging	0.010581	0.031917	0.047841		-569.38E-6	-563.61E-6	
13048.0	(Negligible)	37				4	34.329	1.6714	None	0.0	0.056971	0.056971		-569.38E-6	-558.26E-6	
150170.1	(Very Slight)	37	Hospital No.3_1	Hospital No.3_1	0.0	1	0.0	8.0211	None	245.26E-6	0.0070309	0.0073544		-71.349E-6	-209.93E-6	
389370.0	(Negligible)	37				2	8.0211	11.338	None	0.0041363	-0.023902	0.0049919		637.45E-6	-209.93E-6	
26728.0	(Negligible)	38				3	19.359	5.1992	None	13.301E-6	379.00E-9	13.697E-6		-3.7906E-9	-1.2145E-6	
3.9525E+6	0 (Negligible)	38				4	24.558	6.4418	None	9.2696E-6	378.91E-9	11.194E-6		-3.7896E-9	-1.2145E-6	
8.2483E+6	0 (Negligible)	39				1	0.0	1.9460	None	57.127E-6	0.056975	0.056999		-570.29E-6	565.83E-6	
119520.1	(Very Slight)	39	Hospital No.3_2	Hospital No.3_2	0.0	2	1.9460	7.0540	None	0.0018315	0.047350	0.049603		-558.67E-6	565.83E-6	
32833.0	(Negligible)	39				1	0.0	9.0000	None	9.2764E-6	245.71E-9	13.125E-6		-2.4571E-9	1.7764E-6	
8.4399E+6	0 (Negligible)	40	Hospital No.3_3	Hospital No.3_3	0.0	1	0.0	15.930	None	0.0052232	0.026501	0.034357		-374.86E-6	396.62E-6	
12737.0	(Negligible)	40	Hospital No.3_4	Hospital No.3_4	0.0	2	15.930	5.7352	None	5.2086E-6	0.0	5.6148E-6		0.0	8.2066E-6	
5.5133E+6	0 (Negligible)	41				3	21.665	2.3346	None	460.11E-9	0.0	464.92E-9		0.0	8.2066E-6	
32.162E+6	0 (Negligible)	41	Hospital No.3_5	Hospital No.3_5	0.0	1	0.0	9.0000	None	9.0903E-6	0.0	12.624E-6		0.0	-2.0680E-6	
11.244E+6	0 (Negligible)	42				1	0.0	8.0000	None	10.805E-6	0.0	14.198E-6		0.0	8.4952E-6	
7.7832E+6	0 (Negligible)	42	Hospital No.3_6	Hospital No.3_6	0.0	1	0.0	31.000	None	19.968E-6	0.0	22.566E-6		0.0	2.6445E-6	
14.120E+6	0 (Negligible)	43				1	0.0	12.757	None	11.309E-6	0.0	17.130E-6		0.0	-6.7401E-6	
10.392E+6	0 (Negligible)	44	Hospital No.3_8	Hospital No.3_8	0.0	2	12.757	6.8516	None	6.1077E-6	0.0	7.4029E-6		0.0	-6.7401E-6	
5.6019E+6	0 (Negligible)	44				3	19.609	21.391	Hogging	0.0085426	0.026107	0.038669		-413.57E-6	-486.75E-6	
14007.0	(Negligible)	44														
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.																

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

Stage: Min Ref.	Stage: Name Damage Category	Specific Building: Building: Name	Specific Building: Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.076350	-0.098179	0.0033375	23.993	0.053748	0.0016176	0.0033375	9223.5	521.50
1	(Very Slight)	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.026818	0.011004	0.0019415	14.433	0.040189	818.08E-6	0.0019415	5404.7	-
0	(Negligible)	3	Canal Side Studios_3	Canal Side Studios_3	0.0	63.907E-6	0.0	2.7567E-6	0.77397	90.158E-6	0.0	2.7567E-6	-	-
0	(Negligible)	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.030374	0.032635	-0.0028352	15.011	0.065690	-524.96E-6	-0.0028352	1125.7	-
1	(Very Slight)	5	Beaumont Court_1	Beaumont Court_1	0.0	684.36E-6	0.0030023	-120.52E-6	0.90109	0.0030023	-30.022E-6	-120.52E-6	-	-
0	(Negligible)	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0062150	0.014404	448.10E-6	0.90109	0.019100	-371.79E-6	448.10E-6	-	-
0	(Negligible)	7	Beaumont Court_3	Beaumont Court_3	0.0	30.165E-6	0.0	-7.9953E-6	0.62218	29.361E-6	0.0	-7.9953E-6	-	-
0	(Negligible)	8	Beaumont Court_4	Beaumont Court_4	0.0	234.62E-6	0.0	-16.652E-6	0.57247	214.18E-6	0.0	-16.652E-6	-	-
0	(Negligible)	10	Beaumont Court_6	Beaumont Court_6	0.0	676.84E-6	0.0	-170.80E-6	0.46576	757.13E-6	-89.583E-6	-170.80E-6	-	-
0	(Negligible)	11	TP No.1_1	TP No.1_1	0.0	0.034327	-0.0053189	0.0015361	0.032229	167.28E-6	0.0015361	964.63	-	-
0	(Negligible)	12	TP No.1_2	TP No.1_2	0.0	0.0035951	0.020806	213.99E-6	0.75870	0.022642	-370.98E-6	213.99E-6	-	-
0	(Negligible)	13	TP No.1_3	TP No.1_3	0.0	56.675E-6	0.0	20.846E-6	0.25992	55.039E-6	0.0	20.846E-6	-	-
0	(Negligible)	15	TP No.1_5	TP No.1_5	0.0	157.66E-6	0.0	-15.202E-6	0.41127	229.78E-6	0.0	-15.202E-6	-	-
0	(Negligible)	16	TP No.1_6	TP No.1_6	0.0	0.0010241	0.0094194	-53.450E-6	0.61114	0.0098161	-277.07E-6	-53.450E-6	-	-
0	(Negligible)	17	TP No.1_7	TP No.1_7	0.0	81.241E-6	103.61E-6	7.0826E-6	0.61114	180.42E-6	-1.0361E-6	7.0826E-6	-	-
0	(Negligible)	18	TP No.1_8	TP No.1_8	0.0	0.0085582	0.037523	-478.96E-6	3.5456	0.040785	-379.66E-6	-478.96E-6	13692.	-
0	(Negligible)	19	TP No.2_1	TP No.2_1	0.0	0.0014870	122.31E-6	-89.261E-6	3.1466	0.0015149	-1.2231E-6	-89.261E-6	-	-
0	(Negligible)	20	TP No.2_2	TP No.2_2	0.0	0.0081479	0.036935	508.97E-6	3.1466	0.042070	-369.21E-6	508.97E-6	-	-
0	(Negligible)	21	TP No.2_3	TP No.2_3	0.0	329.09E-6	122.31E-6	72.243E-6	0.67289	614.73E-6	-1.2231E-6	72.243E-6	-	-
0	(Negligible)	22	TP No.2_4	TP No.2_4	0.0	0.0057059	0.036935	-386.16E-6	2.0436	0.039392	-369.21E-6	-386.16E-6	-	-
0	(Negligible)	23	TP No.3_1	TP No.3_1	0.0	0.0064946	-0.016743	-390.85E-6	7.3313	0.017333	479.77E-6	-390.85E-6	20090.	25482.
0	(Negligible)	24	TP No.3_2	TP No.3_2	0.0	0.0051701	0.056844	594.92E-6	7.3313	0.056844	-568.12E-6	594.92E-6	-	-
1	(Very Slight)	25	TP No.3_3	TP No.3_3	0.0	298.86E-6	0.0058679	39.740E-6	0.91340	0.0059132	-110.89E-6	39.740E-6	-	-
0	(Negligible)	26	TP No.3_4	TP No.3_4	0.0	2.7318E-6	0.0	-2.7746E-6	0.28172	2.5392E-6	0.0	-2.7746E-6	-	-
0	(Negligible)	27	Hospital No.1_1	Hospital No.1_1	0.0	0.0047353	-0.026375	381.63E-6	7.0376	0.0055038	503.48E-6	381.63E-6	-	-
0	(Negligible)	28	Hospital No.1_2	Hospital No.1_2	0.0	0.0059721	0.0094656	401.01E-6	4.0092	0.018166	-272.96E-6	401.01E-6	17774.	-
0	(Negligible)	29	Hospital No.1_3	Hospital No.1_3	0.0	4.6951E-6	0.0	-3.2191E-6	0.33611	6.4731E-6	0.0	-3.2191E-6	-	-
0	(Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	5.8464E-6	0.0	-7.0485E-6	0.43285	7.7605E-6	0.0	-7.0485E-6	-	-
0	(Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	5.0514E-6	0.0	4.1386E-6	0.43285	7.2598E-6	0.0	4.1386E-6	-	-
0	(Negligible)	32	Hospital No.1_6	Hospital No.1_6	0.0	0.011269	0.036291	-601.61E-6	7.0376	0.053124	-541.13E-6	-601.61E-6	13127.	-
1	(Very Slight)	33	Hospital No.2_1	Hospital No.2_1	0.0	51.132E-6	378.54E-9	4.5431E-6	6.9882	68.986E-6	-3.7870E-9	4.5431E-6	-	-
0	(Negligible)	34	Hospital No.2_2	Hospital No.2_2	0.0	0.010614	0.056908	562.70E-6	6.8895	0.056908	-568.76E-6	562.70E-6	13135.	-
1	(Very Slight)	35	Hospital No.2_3	Hospital No.2_3	0.0	34.273E-6	0.0	-2.1489E-6	0.41061	37.944E-6	0.0	-2.1489E-6	-	-
0	(Negligible)	36	Hospital No.2_4	Hospital No.2_4	0.0	0.010581	0.056971	-563.61E-6	6.9882	0.056971	-569.38E-6	-563.61E-6	13048.	-
1	(Very Slight)	37	Hospital No.3_1	Hospital No.3_1	0.0	0.0041363	-0.023902	-209.93E-6	6.9897	0.0073544	637.45E-6	-209.93E-6	-	-
0	(Negligible)	38	Hospital No.3_2	Hospital No.3_2	0.0	0.0018315	0.056975	565.83E-6	6.9897	0.056999	-570.29E-6	565.83E-6	-	-
1	(Very Slight)	39	Hospital No.3_3	Hospital No.3_3	0.0	9.2764E-6	245.71E-9	1.7764E-6	2.2436	13.125E-6	-2.4571E-9	1.7764E-6	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature
0 (Negligible)		40	Hospital No.3_4	Hospital No.3_4	0.0	0.0052232	0.026501	396.62E-6	2.2299	0.034357	-374.86E-6	396.62E-6	-	-
0 (Negligible)		41	Hospital No.3_5	Hospital No.3_5	0.0	9.0903E-6	0.0	-2.0680E-6	0.42685	12.624E-6	0.0	-2.0680E-6	-	-
0 (Negligible)		42	Hospital No.3_6	Hospital No.3_6	0.0	10.805E-6	0.0	8.4952E-6	0.42685	14.198E-6	0.0	8.4952E-6	-	-
0 (Negligible)		43	Hospital No.3_7	Hospital No.3_7	0.0	19.968E-6	0.0	2.6445E-6	0.36134	22.566E-6	0.0	2.6445E-6	-	-
0 (Negligible)		44	Hospital No.3_8	Hospital No.3_8	0.0	0.0085426	0.026107	-486.75E-6	4.2089	0.038669	-413.57E-6	-486.75E-6	14007.	-

Specific Building Damage Results - Critical Segments within Each Building

Stage: Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building Segment	Critical Start [m]	End [m]	Curvature	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0 (Negligible)	1 (Very Slight)	0	Canal Side Studios_1	Max Slope	Canal Side Studios_1	5	29.168	35.000 Sagging	0.0033375	21.357	0.053748	-	521.50
0 (Negligible)				Max Settlement	Canal Side Studios_1	3	9.5679	20.199 Sagging	879.59E-6	23.993	0.024888	-	5369.8
0 (Negligible)				Max Tensile Strain	Canal Side Studios_1	5	29.168	35.000 Sagging	0.0033375	21.357	0.053748	-	521.50
0 (Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_1	4	20.199	29.168 Hogging	587.82E-6	22.119	0.011476	9223.5	-
0 (Negligible)				Min Radius of Curvature (Sagging)	Canal Side Studios_1	5	29.168	35.000 Sagging	0.0033375	21.357	0.053748	-	521.50
0 (Negligible)	1 (Very Slight)	0	Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Max Settlement	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Max Tensile Strain	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_2	1	0.0	20.000 Hogging	0.0019415	14.433	0.040189	5404.7	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Canal Side Studios_3	Max Slope	Canal Side Studios_3	1	0.0	35.000 Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Max Settlement	Canal Side Studios_3	1	0.0	35.000 Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Max Tensile Strain	Canal Side Studios_3	1	0.0	35.000 Sagging	2.7567E-6	0.77397	90.158E-6	-	3.7462E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)	1 (Very Slight)	0	Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Max Settlement	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Max Tensile Strain	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_4	1	0.0	20.000 Hogging	0.0028352	15.011	0.065690	1125.7	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_1	Max Slope	Beaumont Court_1	1	2.0031	2.7093 Sagging	120.52E-6	0.23567	0.0030023	-	136310.
0 (Negligible)				Max Settlement	Beaumont Court_1	2	2.7093	18.028 Sagging	120.52E-6	0.90109	0.0010356	-	75007.
0 (Negligible)				Max Tensile Strain	Beaumont Court_1	1	2.0031	2.7093 Sagging	120.52E-6	0.23567	0.0030023	-	136310.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	11.045 Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Max Settlement	Beaumont Court_2	1	0.0	11.045 Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Max Tensile Strain	Beaumont Court_2	1	0.0	11.045 Sagging	448.10E-6	0.90109	0.019100	-	6497.3
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_3	Max Slope	Beaumont Court_3	1	0.0	7.0000 Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Max Settlement	Beaumont Court_3	1	0.0	7.0000 Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Max Tensile Strain	Beaumont Court_3	1	0.0	7.0000 Sagging	7.9953E-6	0.62218	29.361E-6	-	2.7480E+6
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_4	Max Slope	Beaumont Court_4	1	0.0	12.817 Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Max Settlement	Beaumont Court_4	1	0.0	12.817 Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Max Tensile Strain	Beaumont Court_4	1	0.0	12.817 Sagging	16.652E-6	0.57247	214.18E-6	-	272390.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Beaumont Court_5	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	Beaumont Court_6	Max Slope	Beaumont Court_6	2	53.950	72.164 Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Max Settlement	Beaumont Court_6	2	53.950	72.164 Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Max Tensile Strain	Beaumont Court_6	2	53.950	72.164 Sagging	170.80E-6	0.46576	757.13E-6	-	19000.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_1	Max Slope	TP No.1_1	1	0.0	5.5877 Hogging	0.0015361	3.5456	0.032229	964.63	-
0 (Negligible)				Max Settlement	TP No.1_1	1	0.0	5.5877 Hogging	0.0015361	3.5456	0.032229	964.63	-
0 (Negligible)				Max Tensile Strain	TP No.1_1	1	0.0	5.5877 Hogging	0.0015361	3.5456	0.032229	964.63	-
0 (Negligible)				Min Radius of Curvature (Hogging)	TP No.1_1	1	0.0	5.5877 Hogging	0.0015361	3.5456	0.032229	964.63	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-
0 (Negligible)		0	TP No.1_2	Max Slope	TP No.1_2	1	0.0	7.4103 Sagging	213.99E-6	0.75870	0.022642	-	13569.
0 (Negligible)				Max Settlement	TP No.1_2	1	0.0	7.4103 Sagging	213.99E-6	0.75870	0.022642	-	13569.
0 (Negligible)				Max Tensile Strain	TP No.1_2	1	0.0	7.4103 Sagging	213.99E-6	0.75870	0.022642	-	13569.
0 (Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-
0 (Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage:	Stage:	Name	Specific Building:	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Category	Ref.	Building: Ref.	Name			Segment					Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature
0 (Negligible)		0	TP No.1_3	Max Slope	TP No.1_3	1	0.0	8.1816	Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Max Settlement	TP No.1_3	1	0.0	8.1816	Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
0 (Negligible)				Max Tensile Strain	TP No.1_3	1	0.0	8.1816	Sagging	20.846E-6	0.25992	55.039E-6	-	1.7714E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.1_4	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.										
-				All vertical displacements are less than the limit sensitivity.										
0 (Negligible)		0	TP No.1_5	Max Slope	TP No.1_5	1	5.9096	41.367	Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Max Settlement	TP No.1_5	1	5.9096	41.367	Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
0 (Negligible)				Max Tensile Strain	TP No.1_5	1	5.9096	41.367	Sagging	15.202E-6	0.41127	229.78E-6	-	2.3467E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.1_6	Max Slope	TP No.1_6	2	6.3855	12.530	Sagging	53.450E-6	0.61114	0.0098161	-	35875.
0 (Negligible)				Max Settlement	TP No.1_6	2	6.3855	12.530	Sagging	53.450E-6	0.61114	0.0098161	-	35875.
0 (Negligible)				Max Tensile Strain	TP No.1_6	2	6.3855	12.530	Sagging	53.450E-6	0.61114	0.0098161	-	35875.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.1_7	Max Slope	TP No.1_7	1	0.0	16.553	Sagging	7.0826E-6	0.61114	180.42E-6	-	2.2519E+6
0 (Negligible)				Max Settlement	TP No.1_7	1	0.0	16.553	Sagging	7.0826E-6	0.61114	180.42E-6	-	2.2519E+6
0 (Negligible)				Max Tensile Strain	TP No.1_7	1	0.0	16.553	Sagging	7.0826E-6	0.61114	180.42E-6	-	2.2519E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.1_8	Max Slope	TP No.1_8	1	0.0	12.083	Hogging	478.96E-6	3.5456	0.040785	13692.	-
0 (Negligible)				Max Settlement	TP No.1_8	1	0.0	12.083	Hogging	478.96E-6	3.5456	0.040785	13692.	-
0 (Negligible)				Max Tensile Strain	TP No.1_8	1	0.0	12.083	Hogging	478.96E-6	3.5456	0.040785	13692.	-
0 (Negligible)				Min Radius of Curvature (Hogging)	TP No.1_8	1	0.0	12.083	Hogging	478.96E-6	3.5456	0.040785	13692.	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.2_1	Max Slope	TP No.2_1	2	33.882	39.812	Sagging	89.261E-6	3.1466	0.0015149	-	23615.
0 (Negligible)				Max Settlement	TP No.2_1	2	33.882	39.812	Sagging	89.261E-6	3.1466	0.0015149	-	23615.
0 (Negligible)				Max Tensile Strain	TP No.2_1	2	33.882	39.812	Sagging	89.261E-6	3.1466	0.0015149	-	23615.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.2_2	Max Slope	TP No.2_2	1	0.0	10.296	Sagging	508.97E-6	3.1466	0.042070	-	13315.
0 (Negligible)				Max Settlement	TP No.2_2	1	0.0	10.296	Sagging	508.97E-6	3.1466	0.042070	-	13315.
0 (Negligible)				Max Tensile Strain	TP No.2_2	1	0.0	10.296	Sagging	508.97E-6	3.1466	0.042070	-	13315.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.2_3	Max Slope	TP No.2_3	1	0.0	39.812	Sagging	72.243E-6	0.67289	614.73E-6	-	24531.
0 (Negligible)				Max Settlement	TP No.2_3	1	0.0	39.812	Sagging	72.243E-6	0.67289	614.73E-6	-	24531.
0 (Negligible)				Max Tensile Strain	TP No.2_3	1	0.0	39.812	Sagging	72.243E-6	0.67289	614.73E-6	-	24531.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.2_4	Max Slope	TP No.2_4	2	3.4363	10.296	Sagging	386.16E-6	2.0436	0.039392	-	8776.5
0 (Negligible)				Max Settlement	TP No.2_4	2	3.4363	10.296	Sagging	386.16E-6	2.0436	0.039392	-	8776.5
0 (Negligible)				Max Tensile Strain	TP No.2_4	2	3.4363	10.296	Sagging	386.16E-6	2.0436	0.039392	-	8776.5
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.3_1	Max Slope	TP No.3_1	1	0.0	31.693	Hogging	390.85E-6	3.7239	0.017333	20090.	-
0 (Negligible)				Max Settlement	TP No.3_1	2	31.693	50.990	Sagging	390.85E-6	7.3313	0.0047900	-	25482.
0 (Negligible)				Max Tensile Strain	TP No.3_1	1	0.0	31.693	Hogging	390.85E-6	3.7239	0.017333	20090.	-
0 (Negligible)				Min Radius of Curvature (Hogging)	TP No.3_1	1	0.0	31.693	Hogging	390.85E-6	3.7239	0.017333	20090.	-
0 (Negligible)				Min Radius of Curvature (Sagging)	TP No.3_1	2	31.693	50.990	Sagging	390.85E-6	7.3313	0.0047900	-	25482.
0 (Negligible)		0	TP No.3_2	Max Slope	TP No.3_2	2	0.99035	13.416	Sagging	594.92E-6	6.7420	0.048547	-	9342.1
0 (Negligible)				Max Settlement	TP No.3_2	1	0.0	0.99035	Sagging	594.69E-6	7.3313	0.056844	-	265200.
1 (Very Slight)				Max Tensile Strain	TP No.3_2	1	0.0	0.99035	Sagging	594.69E-6	7.3313	0.056844	-	265200.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.3_3	Max Slope	TP No.3_3	3	18.814	24.462	Sagging	39.740E-6	0.61447	0.0059132	-	398430.
0 (Negligible)				Max Settlement	TP No.3_3	1	0.0	16.431	Sagging	24.669E-6	0.91340	595.06E-6	-	412800.
0 (Negligible)				Max Tensile Strain	TP No.3_3	3	18.814	24.462	Sagging	39.740E-6	0.61447	0.0059132	-	398430.
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	TP No.3_4	Max Slope	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Max Settlement	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
0 (Negligible)				Max Tensile Strain	TP No.3_4	1	0.0	12.530	Sagging	2.7746E-6	0.28172	2.5392E-6	-	37.767E+6
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-		0	Hospital No.1_1	Max Slope	Hospital No.1_1	1	0.0	12.000	Sagging	381.63E-6	7.0376	0.0055038	-	21894.
0 (Negligible)				Max Settlement	Hospital No.1_1	1	0.0	12.000	Sagging	381.63E-6	7.0376	0.0055038	-	21894.



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature	Min Radius of Curvature
0 (Negligible)				Max Tensile Strain	Hospital No.1_1	1	0.0	12.000	Sagging	381.63E-6	7.0376	0.0055038	-	21894.
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_2	Max Slope	Hospital No.1_2	1	0.0	37.000	Hogging	401.01E-6	4.0092	0.018166	17774.	-
0 (Negligible)				Max Settlement	Hospital No.1_2	1	0.0	37.000	Hogging	401.01E-6	4.0092	0.018166	17774.	-
0 (Negligible)				Max Tensile Strain	Hospital No.1_2	1	0.0	37.000	Hogging	401.01E-6	4.0092	0.018166	17774.	-
0 (Negligible)				Min Radius of Curvature (Hogging)	Hospital No.1_2	1	0.0	37.000	Hogging	401.01E-6	4.0092	0.018166	17774.	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_3	Max Slope	Hospital No.1_3	1	0.0	0.11312	Sagging	3.2191E-6	0.26814	35.763E-9	-	10.485E+9
0 (Negligible)				Max Settlement	Hospital No.1_3	2	0.11312	22.000	Sagging	3.2191E-6	0.33611	6.4731E-6	-	29.381E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_3	2	0.11312	22.000	Sagging	3.2191E-6	0.33611	6.4731E-6	-	29.381E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_4	Max Slope	Hospital No.1_4	1	0.0	8.1385	Sagging	7.0485E-6	0.39217	7.7605E-6	-	12.244E+6
0 (Negligible)				Max Settlement	Hospital No.1_4	2	8.1385	14.000	Sagging	7.0485E-6	0.43285	5.1856E-6	-	9.8448E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_4	1	0.0	8.1385	Sagging	7.0485E-6	0.39217	7.7605E-6	-	12.244E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.1_5	Max Slope	Hospital No.1_5	1	0.0	10.000	Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Max Settlement	Hospital No.1_5	1	0.0	10.000	Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
0 (Negligible)				Max Tensile Strain	Hospital No.1_5	1	0.0	10.000	Sagging	4.1386E-6	0.43285	7.2598E-6	-	22.254E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
1 (Very Slight)		0	Hospital No.1_6	Max Slope	Hospital No.1_6	1	0.0	23.000	Hogging	601.61E-6	7.0376	0.053124	13127.	-
1 (Very Slight)				Max Settlement	Hospital No.1_6	1	0.0	23.000	Hogging	601.61E-6	7.0376	0.053124	13127.	-
1 (Very Slight)				Max Tensile Strain	Hospital No.1_6	1	0.0	23.000	Hogging	601.61E-6	7.0376	0.053124	13127.	-
1 (Very Slight)				Min Radius of Curvature (Hogging)	Hospital No.1_6	1	0.0	23.000	Hogging	601.61E-6	7.0376	0.053124	13127.	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_1	Max Slope	Hospital No.2_1	1	0.0	22.985	Sagging	4.5431E-6	6.9882	68.986E-6	-	4.1627E+6
0 (Negligible)				Max Settlement	Hospital No.2_1	1	0.0	22.985	Sagging	4.5431E-6	6.9882	68.986E-6	-	4.1627E+6
0 (Negligible)				Max Tensile Strain	Hospital No.2_1	1	0.0	22.985	Sagging	4.5431E-6	6.9882	68.986E-6	-	4.1627E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_2	Max Slope	Hospital No.2_2	2	1.5427	25.723	Hogging	562.70E-6	6.0276	0.047921	13135.	-
1 (Very Slight)				Max Settlement	Hospital No.2_2	1	0.0	1.5427	Sagging	558.39E-6	6.8895	0.056908	-	163390.
1 (Very Slight)				Max Tensile Strain	Hospital No.2_2	1	0.0	1.5427	Sagging	558.39E-6	6.8895	0.056908	-	163390.
0 (Negligible)				Min Radius of Curvature (Hogging)	Hospital No.2_2	2	1.5427	25.723	Hogging	562.70E-6	6.0276	0.047921	13135.	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_3	Max Slope	Hospital No.2_3	1	0.0	32.000	Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Max Settlement	Hospital No.2_3	1	0.0	32.000	Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
0 (Negligible)				Max Tensile Strain	Hospital No.2_3	1	0.0	32.000	Sagging	2.1489E-6	0.41061	37.944E-6	-	10.813E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.2_4	Max Slope	Hospital No.2_4	3	10.215	34.329	Hogging	563.61E-6	6.0546	0.047841	13048.	-
1 (Very Slight)				Max Settlement	Hospital No.2_4	4	34.329	36.000	Sagging	558.26E-6	6.9882	0.056971	-	150170.
1 (Very Slight)				Max Tensile Strain	Hospital No.2_4	4	34.329	36.000	Sagging	558.26E-6	6.9882	0.056971	-	150170.
0 (Negligible)				Min Radius of Curvature (Hogging)	Hospital No.2_4	3	10.215	34.329	Hogging	563.61E-6	6.0546	0.047841	13048.	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_1	Max Slope	Hospital No.3_1	1	0.0	8.0211	Sagging	209.93E-6	5.8124	0.0073544	-	389370.
0 (Negligible)				Max Settlement	Hospital No.3_1	4	24.558	31.000	Sagging	1.2145E-6	6.9897	11.194E-6	-	8.2483E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_1	1	0.0	8.0211	Sagging	209.93E-6	5.8124	0.0073544	-	389370.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
1 (Very Slight)		0	Hospital No.3_2	Max Slope	Hospital No.3_2	1	0.0	1.9460	Sagging	565.83E-6	6.9897	0.056999	-	119520.
1 (Very Slight)				Max Settlement	Hospital No.3_2	1	0.0	1.9460	Sagging	565.83E-6	6.9897	0.056999	-	119520.
1 (Very Slight)				Max Tensile Strain	Hospital No.3_2	1	0.0	1.9460	Sagging	565.83E-6	6.9897	0.056999	-	119520.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_3	Max Slope	Hospital No.3_3	1	0.0	9.0000	Sagging	1.7764E-6	2.2436	13.125E-6	-	8.4399E+6
0 (Negligible)				Max Settlement	Hospital No.3_3	1	0.0	9.0000	Sagging	1.7764E-6	2.2436	13.125E-6	-	8.4399E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_3	1	0.0	9.0000	Sagging	1.7764E-6	2.2436	13.125E-6	-	8.4399E+6
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_4	Max Slope	Hospital No.3_4	1	0.0	15.930	Sagging	396.62E-6	2.2299	0.034357	-	12737.
0 (Negligible)				Max Settlement	Hospital No.3_4	1	0.0	15.930	Sagging	396.62E-6	2.2299	0.034357	-	12737.
0 (Negligible)				Max Tensile Strain	Hospital No.3_4	1	0.0	15.930	Sagging	396.62E-6	2.2299	0.034357	-	12737.
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)		0	Hospital No.3_5	Max Slope	Hospital No.3_5	1	0.0	9.0000	Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6



RSK ENVIRONMENT LIMITED

UBB, London

Building Damager Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 06-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max	Max	Min	Min
							Segment				Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature
0 (Negligible)				Max Settlement	Hospital No.3_5	1	0.0	9.0000	Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_5	1	0.0	9.0000	Sagging	2.0680E-6	0.42685	12.624E-6	-	11.244E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)	0		Hospital No.3_6	Max Slope	Hospital No.3_6	1	0.0	8.0000	Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Max Settlement	Hospital No.3_6	1	0.0	8.0000	Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_6	1	0.0	8.0000	Sagging	8.4952E-6	0.42685	14.198E-6	-	7.7832E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)	0		Hospital No.3_7	Max Slope	Hospital No.3_7	1	0.0	31.000	Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Max Settlement	Hospital No.3_7	1	0.0	31.000	Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Max Tensile Strain	Hospital No.3_7	1	0.0	31.000	Sagging	2.6445E-6	0.36134	22.566E-6	-	14.120E+6
0 (Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
0 (Negligible)	0		Hospital No.3_8	Max Slope	Hospital No.3_8	3	19.609	41.000	Hogging	486.75E-6	4.2089	0.038669	14007.	-
0 (Negligible)				Max Settlement	Hospital No.3_8	3	19.609	41.000	Hogging	486.75E-6	4.2089	0.038669	14007.	-
0 (Negligible)				Max Tensile Strain	Hospital No.3_8	3	19.609	41.000	Hogging	486.75E-6	4.2089	0.038669	14007.	-
0 (Negligible)				Min Radius of Curvature (Hogging)	Hospital No.3_8	3	19.609	41.000	Hogging	486.75E-6	4.2089	0.038669	14007.	-
0 (Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	14.157	1.9491	-6.5270	90.000 *
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	16.326	0.17967	-8.4606	90.000 *
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	17.053	0.18046	-8.4978	90.000 *
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	17.703	0.18125	-8.5350	90.000 *
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18204	18.243	0.18204	-8.5724	90.000 *
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	20.399	0.18284	-8.6098	90.000 *
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	22.105	0.18364	-8.6473	90.000 *
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	22.953	0.18443	-8.6849	90.000 *
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	23.097	0.18523	-8.7225	90.000 *
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	22.666	0.18603	-8.7603	90.000 *
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	21.662	0.18684	-8.7981	90.000 *
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	20.522	0.18764	-8.8360	90.000 *
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	19.658	0.18845	-8.8740	90.000 *
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	19.266	0.18926	-8.9121	90.000 *
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	19.263	0.19007	-8.9502	90.000 *
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	19.654	0.19088	-8.9884	90.000 *
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	20.490	0.19169	-9.0267	90.000 *
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	20.055	-2.9486	-5.8175	90.000 *
				35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	13.584	-5.5348	-2.2007	90.000 *
2			Canal Side Studios_2	0.0	49.00000	49.00000	22.00000	2.2007	-5.5348	13.584	-5.5348	-2.2007	180.000 *
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	9.7508	-3.8355	2.9855	180.000 *
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	6.4717	-4.0090	1.7143	180.000 *
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	4.1317	-3.5840	1.0333	180.000 *
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.3156	-2.9103	0.62661	180.000 *
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.36128	0.9144	-2.1154	0.36128	180.000 *
				12.000	-6.00000	49.00000	22.00000	1.4250	-0.20081	-0.10513	-1.4250	0.20081	180.000 *
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	-0.81248	-0.80587	0.096336	180.000 *
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	-1.1668	-0.15972	0.016532	180.000 *
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	-1.2380	0.0	0.0	180.000 *
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	-1.2424	0.0	0.0	180.000 *
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	-1.2424	0.0	0.0	270.000 *
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	-1.2518	0.0	0.0	270.000 *
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	-1.2603	0.0	0.0	270.000 *
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	-1.2680	0.0	0.0	270.000 *
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	-1.2748	0.0	0.0	270.000 *
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	-1.2809	0.0	0.0	270.000 *
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	-1.2858	0.0	0.0	270.000 *
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	-1.2895	0.0	0.0	270.000 *
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	-1.2920	0.0	0.0	270.000 *
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	-1.2932	0.0	0.0	270.000 *
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	-1.2933	0.0	0.0	270.000 *
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	-1.2923	0.0	0.0	270.000 *
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	-1.2905	0.0	0.0	270.000 *
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	-1.2878	0.0	0.0	270.000 *
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	-1.2843	0.0	0.0	270.000 *
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	-1.2800	0.0	0.0	270.000 *
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	-1.2747	0.0	0.0	270.000 *
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	-1.2683	0.0	0.0	270.000 *
4			Canal Side Studios_4	0.0	-14.00000	14.00000	22.00000	0.0	0.0	-1.2606	0.0	0.0	270.000 *
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	-1.2592	0.0	0.0	0.0 *
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	-1.2240	0.0017685	60.569E-6	0.0 *
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	-1.0543	0.73877	0.027827	0.0 *
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	-0.38286	1.4692	0.061841	0.0 *
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	0.58104	2.1897	0.10522	0.0 *
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	1.9336	3.2402	0.18309	0.0 *
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	3.6948	4.2827	0.29736	0.0 *
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.8529	5.3100	0.48657	0.0 *
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	8.5323	6.2339	0.86336	0.0 *
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	14.157	1.9491	-6.5270	90.000 *
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	-1.9788	0.0099846	-0.17972	176.82 *
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	-1.7641	0.012296	-0.22133	176.82 *
				4.0062	41.00000	0.22222	20.00000	0.0	1.3058	-1.4564	0.072435	-1.3038	176.82 *
				6.0093	39.00000	0.33333	20.00000	0.0	1.3475	-1.2952	0.074746	-1.3454	176.82 *
				8.0123	37.00000	0.44444	20.00000	0.0	1.3892	-1.1383	0.071057	-1.3870	176.82 *
				10.015	35.00000	0.55556	20.00000	0.0	1.4308	-0.98745	0.079368	-1.4286	176.82 *
				12.019	33.00000	0.66667	20.00000	0.0	1.4725	-0.84337	0.081680	-1.4702	176.82 *
				14.022	31.00000	0.77778	20.00000	0.0	1.5142	-0.70588	0.083991	-1.5118	176.82 *
				16.025	29.00000	0.88889	20.00000	0.0	1.5558	-0.57460	0.086302	-1.5534	176.82 *
				18.028	27.00000	1.00000	20.00000	0.0	1.5975	-0.44875	0.088613	-1.5950	176.82 *
6			Beaumont Court_2	0.0	27.00000	1.00000	20.00000	0.0	1.5975	-0.44928	-0.08666	-1.5909	176.82 *
				1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-1.2349	-0.90626	-0.082388	264.81 *
				3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-1.5642	-0.22159	-0.020144	264.81 *
				5.5227	26.50000	-4.50000	20.00000	0.0	0.0	-1.7017	0.0	0.0	264.81 *
				7.3636	26.33333	-6.33333	20.00000	0.0	0.0	-1.7456	0.0	0.0	264.81 *
				9.2045	26.16667	-8.16667	20.00000	0.0	0.0	-1.7530	0.0	0.0	264.81 *
				11.045	26.00000	-10.00000	20.00000	0.0	0.0	-1.7347	0.0	0.0	264.81 *
7			Beaumont Court_3	0.0	26.00000	-10.00000	20.00000	0.0	0.0	-1.7347	0.0	0.0	0.0 *
				1.7500	27.75000								



RSK ENVIRONMENT LIMITED

Job No.

Sheet No.

Rev.

371654

Drg. Ref.

Made by
MKDate
11-Aug-2020

Checked

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	-0.63721	0.0	86.135 *
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	-0.67300	0.0	86.135 *
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	-0.71125	0.0	86.135 *
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	-0.75212	0.0	86.135 *
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	-0.79580	0.0	86.135 *
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	-0.84247	0.0	86.135 *
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	-0.89234	0.0	86.135 *
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	-0.94559	0.0	86.135 *
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	-1.0024	0.0	86.135 *
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	-1.0630	0.0	86.135 *
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	-1.1275	0.0	86.135 *
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	-1.1960	0.0	86.135 *
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	-1.2687	0.0	86.135 *
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	-1.3456	0.0	86.135 *
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	-1.4266	0.0	86.135 *
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	-1.5116	0.0	86.135 *
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	-1.6002	0.0	86.135 *
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	-1.6918	0.0	86.135 *
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	-1.7857	0.0	86.135 *
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	-1.8804	0.0	86.135 *
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	-1.9742	0.0	86.135 *
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	-2.0645	0.0	86.135 *
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	-2.1477	0.0	86.135 *
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	-2.2188	0.0	86.135 *
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	-2.2711	0.0	86.135 *
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	-2.2948	0.0	86.135 *
					72.164	44.86486	-2.00000	20.00000	0.0	29.449E-12	-2.2766	29.382E-12	1.9853E-12
					74.169	45.00000	0.00000	20.00000	0.0	0.18000	-1.9788	0.17959	0.012134
11		TP No.1_1			0.0	96.00000	-16.00000	20.00000	2.0408	5.0503	0.88675	0.43318	-5.4298
					1.8634	94.33333	-15.16667	20.00000	0.42268	1.1171	-1.9645	0.12152	-1.1882
					3.7268	92.66667	-14.33333	20.00000	0.44784	1.1836	-1.9336	0.12875	-1.2589
					5.5902	91.00000	-13.50000	20.00000	0.47300	1.2501	-1.9013	0.13598	-1.3296
					7.4536	89.33333	-12.66667	20.00000	0.49816	1.3166	-1.8689	0.14322	-1.4003
					9.3169	87.66667	-11.83333	20.00000	0.52332	1.3830	-1.8374	0.15045	-1.4711
					11.180	86.00000	-11.00000	20.00000	0.54847	1.4495	-1.8079	0.15768	-1.5418
12		TP No.1_2			0.0	86.00000	-11.00000	20.00000	0.54847	1.4495	-1.8079	0.15768	-1.5418
					1.8634	85.16667	-12.66667	20.00000	0.30247	0.79938	-2.2035	-0.85026	-0.086958
					3.7268	84.33333	-14.33333	20.00000	0.056462	0.14922	-2.3255	-0.15872	-0.016233
					5.5902	83.50000	-16.00000	20.00000	0.0	0.0	-2.2574	0.0	0.0
					7.4536	82.66667	-17.66667	20.00000	0.0	0.0	-2.1517	0.0	0.0
					9.3169	81.83333	-19.33333	20.00000	0.0	0.0	-2.0457	0.0	0.0
					11.180	81.00000	-21.00000	20.00000	0.0	0.0	-1.9415	0.0	0.0
13		TP No.1_3			0.0	81.00000	-21.00000	20.00000	0.0	0.0	-1.9415	0.0	0.0
					2.0454	79.14286	-20.14286	20.00000	0.0	0.0	-1.9833	0.0	0.0
					4.0908	77.28571	-19.28571	20.00000	0.0	0.0	-2.0256	0.0	0.0
					6.1362	75.42857	-18.42857	20.00000	0.0	0.0	-2.0682	0.0	0.0
					8.1816	73.57143	-17.57143	20.00000	0.0	0.0	-2.1108	0.0	0.0
					10.227	71.71429	-16.71429	20.00000	0.0	0.0	-2.1529	0.0	0.0
					12.272	69.85714	-15.85714	20.00000	0.0	0.0	-2.1941	0.0	0.0
14		TP No.1_4			14.318	68.00000	-15.00000	20.00000	0.0	0.0	-2.2340	0.0	0.0
					0.0	68.00000	-15.00000	20.00000	0.0	0.0	-2.2340	0.0	0.0
					2.0900	67.16667	-16.91667	20.00000	0.0	0.0	-2.1086	0.0	0.0
					4.1800	66.33333	-18.83333	20.00000	0.0	0.0	-1.9866	0.0	0.0
					6.2700	65.50000	-20.75000	20.00000	0.0	0.0	-1.8693	0.0	0.0
					8.3600	64.66667	-22.66667	20.00000	0.0	0.0	-1.7575	0.0	0.0
					10.4500	63.83333	-24.58333	20.00000	0.0	0.0	-1.6517	0.0	0.0
					12.540	63.00000	-26.50000	20.00000	0.0	0.0	-1.5520	0.0	0.0
15		TP No.1_5			0.0	63.00000	-26.50000	20.00000	0.0	0.0	-1.5520	0.0	0.0
					1.9699	64.76190	-27.38095	20.00000	0.0	0.0	-1.5198	0.0	0.0
					3.9397	66.52381	-28.26190	20.00000	0.0	0.0	-1.4873	0.0	0.0
					5.9096	68.28571	-29.14286	20.00000	0.0	0.0	-1.4548	0.0	0.0
					7.8795	70.04762	-30.02381	20.00000	0.0	0.0	-1.4223	0.0	0.0
					9.8493	71.80952	-30.90476	20.00000	0.0	0.0	-1.3900	0.0	0.0
					11.819	73.57143	-31.78571	20.00000	0.0	0.0	-1.3579	0.0	0.0
					13.789	75.33333	-32.66667	20.00000	0.0	0.0	-1.3263	0.0	0.0
					15.759	77.09524	-33.54762	20.00000	0.0	0.0	-1.2950	0.0	0.0
					17.729	78.85714	-34.42857	20.00000	0.0	0.0	-1.2643	0.0	0.0
					19.699	80.61905	-35.30952	20.00000	0.0	0.0	-1.2342	0.0	0.0
					21.669	82.38095	-36.19048	20.00000	0.0	0.0	-1.2047	0.0	0.0
					23.638	84.14286	-37.07143	20.00000	0.0	0.0	-1.1760	0.0	0.0
					25.608	85.90476	-37.95238	20.00000	0.0	0.0	-1.1480	0.0	0.0
					27.578	87.66667	-38.83333	20.00000	0.0	0.0	-1.1207	0.0	0.0
					29.548	89.42857	-39.71429	20.00000	0.0	0.0	-1.0943	0.0	0.0
					31.518	91.19048	-40.59524	20.00000	0.0	0.0	-1.0687	0.0	0.0
					33.488	92.95238	-41.47619	20.00000	0.0	0.0	-1.0438	0.0	0.0
					35.458	94.71429	-42.35714	20.00000	0.0	0.0	-1.0198	0.0	0.0
					37.428	96.47619	-43.23810	20.00000	0.0	0.0	-0.99663	0.0	0.0
					39.397	98.23810	-44.11905	20.00000	0.0	0.0	-0.97422	0.0	0.0
16		TP No.1_6			41.367	100.00000	-45.00000	20.00000	0.0	0.0	-0.95258	0.0	0.0
					0.0	100.00000	-45.00000	20.00000	0.0	0.0	-0.95258	0.0	0.0
					2.0883								



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.

371654

Sheet No.

Rev.

Drg. Ref.

Made by
MK

Date
11-Aug-2020

Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					23.887	128.60000	-43.20000	20.00000	0.20953	0.51852	-1.0453	-0.031939	0.55834 334.72 *
					25.878	130.40000	-44.05000	20.00000	0.19356	0.47899	-1.0256	-0.029504	0.51578 334.72 *
					27.868	132.20000	-44.90000	20.00000	0.17759	0.43946	-1.0059	-0.027070	0.47322 334.72 *
					29.859	134.00000	-45.75000	20.00035	0.16162	0.39994	-0.98634	-0.024635	0.43065 334.72 *
					31.850	135.80000	-46.60000	20.00000	0.14564	0.36041	-0.96690	-0.022200	0.38809 334.72 *
					33.840	137.60000	-47.45000	20.00000	0.12967	0.32089	-0.94755	-0.019766	0.34553 334.72 *
					35.831	139.40000	-48.30000	20.00000	0.11370	0.28136	-0.92831	-0.017331	0.30297 334.72 *
					37.821	141.20000	-49.15000	20.00000	0.097726	0.24183	-0.90918	-0.014896	0.26041 334.72 *
					39.812	143.00000	-50.00000	20.00000	0.081753	0.20231	-0.89175	-0.012461	0.21785 334.72 *
22		TP No.2_4			0.0	143.00000	-50.00000	20.00000	0.081753	0.20231	-1.0188	0.21655	0.026784 60.945 *
					2.0591	144.00000	-48.20000	20.00000	0.36887	0.91282	-0.85311	0.97709	0.12085 60.945 *
					4.1183	145.00000	-46.40000	20.00000	0.65599	1.6233	-0.82938	1.7376	0.21492 60.945 *
					6.1774	146.00000	-44.60000	20.00000	0.94311	2.3338	-0.74928	2.4982	0.30899 60.945 *
					8.2365	147.00000	-42.80000	20.00000	1.2302	3.0444	-0.45043	3.2587	0.40305 60.945 *
					10.296	148.00000	-41.00000	20.00000	1.5174	3.7549	0.28651	4.0192	0.49712 60.945 *
23		TP No.3_1			0.0	200.00000	-55.00000	20.00000	0.0	0.0	-0.43200	0.0	0.0 154.44 *
					2.0396	198.16000	-54.12000	20.00000	0.0	0.0	-0.45911	0.0	0.0 154.44 *
					4.0792	196.32000	-53.24000	20.00000	0.0	0.0	-0.48812	0.0	0.0 154.44 *
					6.1188	194.48000	-52.36000	20.00000	0.0	0.0	-0.51912	0.0	0.0 154.44 *
					8.1584	192.64000	-51.48000	20.00000	0.0	0.0	-0.55215	0.0	0.0 154.44 *
					10.198	190.80000	-50.60000	20.00000	0.0	0.0	-0.58724	0.0	0.0 154.44 *
					12.238	188.96000	-49.72000	20.00000	0.0	0.0	-0.62436	0.0	0.0 154.44 *
					14.277	187.12000	-48.84000	20.00000	-0.13931	0.28500	-0.59954	0.24864	-0.19700 154.44 *
					16.317	185.28000	-47.96000	20.00000	-0.40256	0.82359	-0.56790	0.71851	-0.56930 154.44 *
					18.356	183.44000	-47.08000	20.00000	-0.66582	1.3622	-0.54878	1.1884	-0.94159 154.44 *
					20.396	181.60000	-46.20000	20.00000	-0.92908	1.9008	-0.50728	1.6582	-1.3139 154.44 *
					22.436	179.76000	-45.32000	20.00000	-1.1923	2.4394	-0.41559	2.1281	-1.6862 154.44 *
					24.475	177.92000	-44.44000	20.00000	-1.4556	2.9779	-0.12515	2.5980	-2.0585 154.44 *
					26.515	176.08000	-43.56000	20.00000	-1.7188	3.5165	0.44184	3.0679	-2.4308 154.44 *
					28.555	174.24000	-42.68000	20.00000	-1.9821	4.0551	1.1002	3.5377	-2.8031 154.44 *
					30.594	172.40000	-41.80000	20.00000	-1.9259	4.5915	1.8291	3.7184	-3.3113 154.44 *
					32.634	170.56000	-40.92000	20.00000	-1.7541	5.2002	2.5846	3.8261	-3.9345 154.44 *
					34.673	168.72000	-40.04000	20.00000	-1.4255	5.8902	3.3297	3.8273	-4.6987 154.44 *
					36.713	166.88000	-39.16000	20.00000	-0.85997	6.5162	4.0232	3.5872	-5.5074 154.44 *
					38.753	165.04000	-38.28000	20.00000	-0.045024	7.0559	4.6238	3.0867	-6.3486 154.44 *
					40.792	163.20000	-37.40000	20.00000	1.0056	7.4981	5.0943	2.3279	-7.1981 154.44 *
					42.832	161.36000	-36.52000	20.00000	2.2364	7.8047	5.4045	1.3499	-8.0058 154.44 *
					44.871	159.52000	-35.64000	20.00000	3.2130	7.9509	5.5397	0.53192	-8.5591 154.44 *
					46.911	157.68000	-34.76000	20.00000	3.2404	8.0186	5.6195	0.53645	-8.6320 154.44 *
					48.951	155.84000	-33.88000	20.00000	3.2678	8.0865	5.6905	0.54059	-8.7050 154.44 *
					50.990	154.00000	-33.00000	20.00000	3.2953	8.1545	5.7484	0.54554	-8.7782 154.44 *
24		TP No.3_2			0.0	154.00000	-33.00000	20.00000	3.2953	8.1545	5.7484	-8.7673	-0.69944 243.43 *
					1.9166	153.14286	-34.71429	20.00000	2.8858	7.1412	4.4745	-7.6778	-0.61252 243.43 *
					3.8333	152.28571	-36.42857	20.00000	2.4854	6.1504	3.2749	-6.6125	-0.52753 243.43 *
					5.7499	151.42857	-38.14286	20.00000	2.0898	5.1735	2.1770	-5.5602	-0.44388 243.43 *
					7.6665	150.57143	-39.85714	20.00000	1.8016	4.4583	1.2024	-4.7933	-0.38240 243.43 *
					9.5831	149.71429	-41.57143	20.00000	1.5332	3.7940	0.36339	-4.0791	-0.32542 243.43 *
					11.500	148.85714	-43.28571	20.00000	1.2647	3.1297	-0.33882	-3.3649	-0.26844 243.43 *
					13.416	148.00000	-45.00000	20.00000	0.99629	2.4654	-0.69393	-2.6507	-0.21147 243.43 *
25		TP No.3_3			0.0	148.00000	-45.00000	20.00000	0.99629	2.4654	-0.69393	-0.11756	2.6507 335.46 *
					2.0227	149.84000	-46.84000	20.00000	0.98372	2.4343	-0.66941	-0.11608	2.6230 335.46 *
					4.0453	151.68000	-46.68000	20.00000	0.97116	2.4033	-0.64484	-0.11460	2.5895 335.46 *
					6.0680	153.52000	-47.52000	20.00000	0.95860	2.3722	-0.62017	-0.11312	2.5560 335.46 *
					8.0907	155.36000	-48.36000	20.00000	0.91029	2.3389	-0.59560	-0.14323	2.5057 335.46 *
					10.113	157.20000	-49.20000	20.00000	0.70364	2.2647	-0.57987	-0.30041	2.3524 335.46 *
					12.136	159.04000	-50.04000	20.00000	0.49913	2.0572	-0.57523	-0.43426	2.1531 335.46 *
					14.159	160.88000	-50.88000	20.00000	0.31023	1.9642	-0.57780	-0.53352	1.9157 335.46 *
					16.181	162.72000	-51.72000	20.00000	0.14845	1.7434	-0.58329	-0.58898	1.6476 335.46 *
					18.204	164.56000	-52.56000	20.00000	0.022945	1.4799	-0.58823	-0.59372	1.3558 335.46 *
					20.227	166.40000	-53.40000	20.00000	-0.059616	1.1773	-0.59136	-0.59315	1.0462 335.46 *
					22.249	168.24000	-54.24000	20.00000	-0.094881	0.83920	-0.59531	-0.43483	0.72401 335.46 *
					24.272	170.08000	-55.08000	20.00000	-0.080544	0.46915	-0.60819	-0.26810	0.39333 335.46 *
					26.295	171.92000	-55.92000	20.00000	-0.015964	0.070475	-0.64519	-0.043790	0.057480 335.46 *
					28.317	173.76000	-56.76000	20.00000	0.0	0.0	-0.63675	0.0	0.0 335.46 *
					30.340	175.60000	-57.60000	20.00000	0.0	0.0	-0.60635	0.0	0.0 335.46 *
					32.363	177.44000	-58.44000	20.00000	0.0	0.0	-0.57686	0.0	0.0 335.46 *
					34.385	179.28000	-59.28000	20.00000	0.0	0.0	-0.54838	0.0	0.0 335.46 *
					36.408	181.12000	-60.12000	20.00000	0.0	0.0	-0.52098	0.0	0.0 335.46 *
					38.431	182.96000	-60.96000	20.00000	0.0	0.0	-0.49470	0.0	0.0 335.46 *
					40.453	184.80000	-61.80000	20.00000	0.0	0.0	-0.46958	0.0	0.0 335.46 *
					42.476	186.64000	-62.64000	20.00000	0.0	0.0	-0.44564	0.0	0.0 335.46 *
					44.499	188.48000	-63.48000	20.00000	0.0	0.0	-0.42286	0.0	0.0 335.46 *
					46.521	190.32000	-64.32000	20.00000	0.0	0.0	-0.40125	0.0	0.0 335.46 *
					48.544	192.16000	-65.16000	20.00000	0.0	0.0	-0.38078	0.0	0.0 335.46 *
					50.567	194.00000	-66.00000	20.00000	0.0	0.0	-		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Make by MK	Date 11-Aug-2020	
		Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δyperp.	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
					11.500	200.50000	-19.00000	19.00000	-3.1703	0.072198	-0.31773	3.1703	-0.072198	180.00
					13.417	198.58333	-19.00000	19.00000	-3.8752	0.095642	0.35134	3.8752	-0.095642	180.00
					15.333	196.66667	-19.00000	19.00000	-4.5774	0.12334	1.1498	4.5774	-0.12334	180.00
					17.250	194.75000	-19.00000	19.00000	-5.2761	0.15657	2.0756	5.2761	-0.15657	180.00
					19.167	192.83333	-19.00000	19.00000	-6.2809	0.20750	3.1133	6.2809	-0.20750	180.00
					21.083	190.91667	-19.00000	19.00000	-7.3092	0.27242	4.2340	7.3092	-0.27242	180.00
					23.000	189.00000	-19.00000	19.00000	-8.3470	0.35701	5.3969	8.3470	-0.35701	180.00
33	Hospital No.2_1			0.0	189.00000	37.00000	19.00000	-8.6485	0.022138	4.4353	-0.022138	-8.6485	270.00	
				2.0000	189.00000	35.00000	19.00000	-8.6456	0.022131	4.4752	-0.022131	-8.6456	270.00	
				4.0000	189.00000	33.00000	19.00000	-8.6426	0.022123	4.5172	-0.022123	-8.6426	270.00	
				6.0000	189.00000	31.00000	19.00000	-8.6396	0.022115	4.5581	-0.022115	-8.6396	270.00	
				8.0000	189.00000	29.00000	19.00000	-8.6367	0.022108	4.5957	-0.022108	-8.6367	270.00	
				10.000	189.00000	27.00000	19.00000	-8.6337	0.022100	4.6288	-0.022100	-8.6337	270.00	
				12.000	189.00000	25.00000	19.00000	-8.6308	0.022093	4.6576	-0.022093	-8.6308	270.00	
				14.000	189.00000	23.00000	19.00000	-8.6278	0.022085	4.6832	-0.022085	-8.6278	270.00	
				16.000	189.00000	21.00000	19.00000	-8.6249	0.022078	4.7068	-0.022078	-8.6249	270.00	
				18.000	189.00000	19.00000	19.00000	-8.6219	0.022070	4.7296	-0.022070	-8.6219	270.00	
				20.000	189.00000	17.00000	19.00000	-8.6189	0.022062	4.7526	-0.022062	-8.6189	270.00	
				22.000	189.00000	15.00000	19.00000	-8.6160	0.022055	4.7764	-0.022055	-8.6160	270.00	
				24.000	189.00000	13.00000	19.00000	-8.6130	0.022047	4.8014	-0.022047	-8.6130	270.00	
				26.000	189.00000	11.00000	19.00000	-8.6101	0.022040	4.8283	-0.022040	-8.6101	270.00	
				28.000	189.00000	9.00000	19.00000	-8.6071	0.022032	4.8577	-0.022032	-8.6071	270.00	
				30.000	189.00000	7.00000	19.00000	-8.6042	0.022025	4.8898	-0.022025	-8.6042	270.00	
				32.000	189.00000	5.00000	19.00000	-8.6012	0.022017	4.9247	-0.022017	-8.6012	270.00	
34	Hospital No.2_2			0.0	189.00000	5.00000	19.00000	-8.6012	0.022017	4.9247	-8.6012	0.022017	0.00	
				2.0000	191.00000	5.00000	19.00000	-7.4630	0.019104	3.7181	-7.4630	0.019104	0.00	
				4.0000	193.00000	5.00000	19.00000	-6.3488	0.016251	2.5734	-6.3488	0.016251	0.00	
				6.0000	195.00000	5.00000	19.00000	-5.2987	0.013563	1.5288	-5.2987	0.013563	0.00	
				8.0000	197.00000	5.00000	19.00000	-4.5487	0.011644	0.61141	-4.5487	0.011644	0.00	
				10.000	199.00000	5.00000	19.00000	-3.7987	0.009728	-0.16542	-3.7987	0.009728	0.00	
				12.000	201.00000	5.00000	19.00000	-3.0487	0.0078039	-0.78953	-3.0487	0.0078039	0.00	
				14.000	203.00000	5.00000	19.00000	-2.2987	0.0058841	-0.90694	-2.2987	0.0058841	0.00	
				16.000	205.00000	5.00000	19.00000	-1.5487	0.0039643	-0.93832	-1.5487	0.0039643	0.00	
				18.000	207.00000	5.00000	19.00000	-0.79872	0.0020445	-0.93541	-0.79872	0.0020445	0.00	
				20.000	209.00000	5.00000	19.00000	-0.048724	124.7226	-0.963	-0.048724	124.7226	0.00	
				22.000	211.00000	5.00000	19.00000	0.0	0.0	-0.91415	0.0	0.0	0.00	
				24.000	213.00000	5.00000	19.00000	0.0	0.0	-0.84912	0.0	0.0	0.00	
				26.000	215.00000	5.00000	19.00000	0.0	0.0	-0.78905	0.0	0.0	0.00	
				28.000	217.00000	5.00000	19.00000	0.0	0.0	-0.73369	0.0	0.0	0.00	
				30.000	219.00000	5.00000	19.00000	0.0	0.0	-0.68044	0.0	0.0	0.00	
				32.000	221.00000	5.00000	19.00000	0.0	0.0	-0.63591	0.0	0.0	0.00	
				34.000	223.00000	5.00000	19.00000	0.0	0.0	-0.59287	0.0	0.0	0.00	
				36.000	225.00000	5.00000	19.00000	0.0	0.0	-0.55334	0.0	0.0	0.00	
35	Hospital No.2_3			0.0	225.00000	5.00000	19.00000	0.0	0.0	-0.55334	0.0	0.0	90.00	
				2.000	225.00000	7.00000	19.00000	0.0	0.0	-0.55914	0.0	0.0	90.00	
				4.0000	225.00000	9.00000	19.00000	0.0	0.0	-0.56437	0.0	0.0	90.00	
				6.0000	225.00000	11.00000	19.00000	0.0	0.0	-0.56901	0.0	0.0	90.00	
				8.0000	225.00000	13.00000	19.00000	0.0	0.0	-0.57307	0.0	0.0	90.00	
				10.000	225.00000	15.00000	19.00000	0.0	0.0	-0.57654	0.0	0.0	90.00	
				12.000	225.00000	17.00000	19.00000	0.0	0.0	-0.57943	0.0	0.0	90.00	
				14.000	225.00000	19.00000	19.00000	0.0	0.0	-0.58174	0.0	0.0	90.00	
				16.000	225.00000	21.00000	19.00000	0.0	0.0	-0.58347	0.0	0.0	90.00	
				18.000	225.00000	23.00000	19.00000	0.0	0.0	-0.58465	0.0	0.0	90.00	
				20.000	225.00000	25.00000	19.00000	0.0	0.0	-0.58526	0.0	0.0	90.00	
				22.000	225.00000	27.00000	19.00000	0.0	0.0	-0.58533	0.0	0.0	90.00	
				24.000	225.00000	29.00000	19.00000	0.0	0.0	-0.58487	0.0	0.0	90.00	
				26.000	225.00000	31.00000	19.00000	0.0	0.0	-0.58389	0.0	0.0	90.00	
				28.000	225.00000	33.00000	19.00000	0.0	0.0	-0.58239	0.0	0.0	90.00	
				30.000	225.00000	35.00000	19.00000	0.0	0.0	-0.58040	0.0	0.0	90.00	
				32.000	225.00000	37.00000	19.00000	0.0	0.0	-0.57792	0.0	0.0	90.00	
36	Hospital No.2_4			0.0	225.00000	37.00000	19.00000	0.0	0.0	-0.57792	0.0	0.0	180.00	
				2.0000	223.00000	37.00000	19.00000	0.0	0.0	-0.62001	0.0	0.0	180.00	
				4.0000	221.00000	37.00000	19.00000	0.0	0.0	-0.66602	0.0	0.0	180.00	
				6.0000	219.00000	37.00000	19.00000	0.0	0.0	-0.71635	0.0	0.0	180.00	
				8.0000	217.00000	37.00000	19.00000	0.0	0.0	-0.77144	0.0	0.0	180.00	
				10.000	215.00000	37.00000	19.00000	0.0	0.0	-0.83176	0.0	0.0	180.00	
				12.000	213.00000	37.00000	19.00000	0.0	0.0	-0.89783	0.0	0.0	180.00	
				14.000	211.00000	37.00000	19.00000	0.0	0.0	-0.97017	0.0	0.0	180.00	
				16.000	209.00000	37.00000	19.00000	-0.079441	203.3556	-1.0263	0.079441	-203.3556	180.00	
				18.000	207.00000	37.00000	19.00000	-0.82944	0.0021232	-1.0084	0.82944	-0.0021232	180.00	
				20.000	205.00000	37.00000	19.00000	-1.5794	0.0040430	-1.0251	1.5794	-0.0040430	180.00	
				22.000	203.00000	37.00000	19.00000	-2.3294	0.0059628	-1.0088				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Make by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δs//	Δiperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					17.438	230.00000	63.43750	19.00000	0.0	0.0	-0.42847	0.0	90.000 *
					19.375	230.00000	65.37500	19.00000	0.0	0.0	-0.42206	0.0	90.000 *
					21.313	230.00000	67.31250	19.00000	0.0	0.0	-0.41542	0.0	90.000 *
					23.250	230.00000	69.25000	19.00000	0.0	0.0	-0.40856	0.0	90.000 *
					25.188	230.00000	71.18750	19.00000	0.0	0.0	-0.40150	0.0	90.000 *
					27.125	230.00000	73.12500	19.00000	0.0	0.0	-0.39424	0.0	90.000 *
					29.063	230.00000	75.06250	19.00000	0.0	0.0	-0.38682	0.0	90.000 *
					31.000	230.00000	77.00000	19.00000	0.0	0.0	-0.37925	0.0	90.000 *
	44		Hospital No.3_8		0.0	230.00000	77.00000	19.00000	0.0	0.0	-0.37925	0.0	180.00 *
					1.9524	228.04762	77.00000	19.00000	0.0	0.0	-0.40219	0.0	180.00 *
					3.9048	226.09524	77.00000	19.00000	0.0	0.0	-0.42699	0.0	180.00 *
					5.8571	224.14286	77.00000	19.00000	0.0	0.0	-0.45382	0.0	180.00 *
					7.8095	222.19048	77.00000	19.00000	0.0	0.0	-0.48290	0.0	180.00 *
					9.7619	220.23810	77.00000	19.00000	0.0	0.0	-0.51442	0.0	180.00 *
					11.714	218.28571	77.00000	19.00000	0.0	0.0	-0.54862	0.0	180.00 *
					13.667	216.33333	77.00000	19.00000	0.0	0.0	-0.58576	0.0	180.00 *
					15.619	214.38095	77.00000	19.00000	0.0	0.0	-0.62611	0.0	180.00 *
					17.571	212.42857	77.00000	19.00000	0.0	0.0	-0.66995	0.0	180.00 *
					19.524	210.47619	77.00000	19.00000	0.0	0.0	-0.71758	0.0	180.00 *
					21.476	208.52381	77.00000	19.00000	0.0	0.0	-0.76930	0.0	180.00 *
					23.429	206.57143	77.00000	19.00000	0.0	0.0	-0.82542	0.0	180.00 *
					25.381	204.61905	77.00000	19.00000	-0.29936	-0.11385	-0.82183	0.29936	0.11385 180.00 *
					27.333	202.66667	77.00000	19.00000	-0.93900	-0.35710	-0.80665	0.93900	0.35710 180.00 *
					29.286	200.71429	77.00000	19.00000	-1.5786	-0.60035	-0.78379	1.5786	0.60035 180.00 *
					31.238	198.76190	77.00000	19.00000	-2.2183	-0.84360	-0.76458	2.2183	0.84360 180.00 *
					33.190	196.80952	77.00000	19.00000	-2.8579	-1.0868	-0.65186	2.8579	1.0868 180.00 *
					35.143	194.85714	77.00000	19.00000	-3.4975	-1.3301	-0.085181	3.4975	1.3301 180.00 *
					37.095	192.90476	77.00000	19.00000	-4.1372	-1.5733	0.60203	4.1372	1.5733 180.00 *
					39.048	190.95238	77.00000	19.00000	-4.7768	-1.8166	1.4018	4.7768	1.8166 180.00 *
					41.000	189.00000	77.00000	19.00000	-5.5846	-2.1238	2.3339	5.5846	2.1238 180.00 *
	45		Rd_1		0.0	-30.00000	12.00000	21.00000	0.0	0.0	-0.90452	0.0	0.0 358.75 *
					2.0005	-28.00000	11.95652	21.00000	0.0	0.0	-0.95336	0.0	0.0 358.75 *
					4.0009	-26.00000	11.91304	21.00000	0.0	0.0	-1.0031	0.0	0.0 358.75 *
					6.0014	-24.00000	11.86957	21.00000	0.0	0.0	-1.0529	0.0	0.0 358.75 *
					8.0019	-22.00000	11.82609	21.00000	0.0	0.0	-1.1039	0.0	0.0 358.75 *
					10.002	-20.00000	11.78261	21.00000	0.0	0.0	-1.1484	0.0	0.0 358.75 *
					12.003	-18.00000	11.73913	21.00000	0.0	0.0	-1.1904	0.0	0.0 358.75 *
					14.003	-16.00000	11.69565	21.00000	0.0	0.0	-1.2252	0.0	0.0 358.75 *
					16.004	-14.00000	11.65217	21.00000	0.0	0.0	-1.2489	0.0	0.0 358.75 *
					18.004	-12.00000	11.60870	21.00000	0.0	0.0	-1.2563	0.0	0.0 358.75 *
					20.005	-10.00000	11.56522	21.00000	0.0	0.0	-1.2402	0.0	0.0 358.75 *
					22.005	-8.00000	11.52174	21.00000	0.56407	0.084968	-1.1027	0.56209	0.097207 358.75 *
					24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	-0.56487	1.1782	0.23422 358.75 *
					26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	0.26528	1.7464	0.40971 358.75 *
					28.007	-2.00000	11.39130	21.00000	2.4608	0.65090	1.4373	2.4521	0.70735 358.75 *
					30.007	0.00000	11.34783	21.00000	3.1001	1.0758	2.8700	3.0759	1.1429 358.75 *
					32.008	2.00000	11.30435	21.00000	3.4879	1.7373	4.5703	3.4494	1.8127 358.75 *
					34.008	4.00000	11.26087	21.00000	3.3833	2.8393	6.4114	3.3208	2.9122 358.75 *
					36.009	6.00000	11.21739	21.00000	2.3032	4.7164	8.2820	2.2001	4.7653 358.75 *
					38.009	8.00000	11.17391	21.00000	87.0348	12.7262	9.9685	-0.15858	7.2945 358.75 *
					40.009	10.00000	11.13043	21.00000	0.0	7.2661	11.302	-0.15792	7.2644 358.75 *
					42.010	12.00000	11.08696	21.00000	0.0	7.2361	12.021	-0.15727	7.2344 358.75 *
					44.010	14.00000	11.04348	21.00000	0.0	7.2062	12.319	-0.15662	7.2045 358.75 *
					46.011	16.00000	11.00000	21.00000	0.0	7.1763	12.402	-0.15597	7.1746 358.75 *
					48.011	18.00000	10.95652	21.00000	0.0	7.1465	12.371	-0.15532	7.1448 358.75 *
					50.012	20.00000	10.91304	21.00000	0.0	7.1167	12.277	-0.15467	7.1150 358.75 *
					52.012	22.00000	10.86957	21.00000	0.0	7.0870	12.144	-0.15403	7.0854 358.75 *
					54.013	24.00000	10.82609	21.00000	0.0	7.0574	11.983	-0.15339	7.0557 358.75 *
					56.013	26.00000	10.78261	21.00000	0.0	7.0278	11.800	-0.15274	7.0262 358.75 *
					58.014	28.00000	10.73913	21.00000	0.0	6.9983	11.597	-0.15210	6.9967 358.75 *
					60.014	30.00000	10.69565	21.00000	0.0	6.9689	11.373	-0.15146	6.9672 358.75 *
					62.015	32.00000	10.65217	21.00000	0.0	6.9395	11.122	-0.15082	6.9378 358.75 *
					64.015	34.00000	10.60870	21.00000	0.0	6.9101	10.833	-0.15018	6.9085 358.75 *
					66.016	36.00000	10.56522	21.00000	0.0	6.8809	10.489	-0.14955	6.8792 358.75 *
					68.016	38.00000	10.52174	21.00000	0.0	6.8516	10.059	-0.14891	6.8500 358.75 *
					70.017	40.00000	10.47826	21.00000	0.0	6.8225	9.488	-0.14828	6.8209 358.75 *
					72.017	42.00000	10.43478	21.00000	0.0	6.7934	8.6918	-0.14765	6.7918 358.75 *
					74.017	44.00000	10.39130	21.00000	0.060924	5.4583	6.4271	-0.057721	5.4583 358.75 *
					76.018	46.00000	10.34783	21.00000	0.20635	5.3333	6.4636	0.090388	5.3365 358.75 *
					78.018	48.00000	10.30435	21.00000	0.35952	5.3958	6.4267	0.24216	5.2023 358.75 *
					80.019	50.00000	10.26087	21.00000	0.52306	5.6101	2.9176	0.40101	5.6202 358.75 *
					82.019	52.00000	10.21739	21.00000	0.75309	6.0566	2.9238	0.62128	6.0715 358.75 *
					84.020	54.00000	10.17391	21.00000	-0.26310	5.6963	3.4931	-0.38684	5.6892 358.75 *
					86.020	56.00000	10.13043	21.00000	-0.80015	5.4941	3.7490	-0.91937	5.4754 358.75 *
					88.021	58.00000	10.08696	21.00000	-0.52841	5.7563	3.7963	-0.65339	5.7434 358.75 *
					90.021	60.00000	10.04348	21.00000	0.24072	6.3942	3.9858	0.10169	6.3979 358.75 *
					92.022	62.00000	10.00000	21.00000	1.2899	7.4745	6.6199	1.1271	7.5008 358.75 *
	46												



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					6.0052	179.75000	84.00000	21.50000	-8.8488	-3.3651	6.0876	3.7306	-8.7010
					8.0069	179.66667	82.00000	21.50000	-9.2893	-3.5327	6.4627	3.9163	-9.1341
					10.009	179.58333	80.00000	21.50000	-9.7373	-3.7030	6.7959	4.1052	-9.5747
					12.010	179.50000	78.00000	21.50000	-10.194	-3.8766	7.0718	4.2976	-10.023
					14.012	179.41667	76.00000	21.50000	-10.659	-4.0535	7.2729	4.4937	-10.481
					16.014	179.33333	74.00000	21.50000	-11.134	-4.2342	7.3874	4.6940	-10.948
					18.016	179.25000	72.00000	21.50000	-11.620	-4.4188	7.4329	4.8987	-11.425
					20.017	179.16667	70.00000	21.50000	-12.116	-4.6078	7.4917	5.1082	-11.914
					22.019	179.08333	68.00000	21.50000	-12.625	-4.8013	7.6554	5.3227	-12.414
					24.021	179.00000	66.00000	21.50000	-13.147	-4.9997	7.8724	5.5427	-12.927
					26.023	178.91667	64.00000	21.50000	-13.682	-5.2032	7.9722	5.7683	-13.453
					28.024	178.83333	62.00000	21.50000	-14.329	-4.8672	7.7945	5.4595	-14.114
					30.026	178.75000	60.00000	21.50000	-15.402	0.039426	7.2029	6.0181	-15.391
					32.028	178.66667	58.00000	21.50000	-15.462	0.039579	6.6571	6.0414	-15.450
					34.030	178.58333	56.00000	21.50000	-15.522	0.039732	6.3293	6.0648	-15.510
					36.031	178.50000	54.00000	21.50000	-15.582	0.039885	6.1947	6.0882	-15.570
					38.033	178.41667	52.00000	21.50000	-15.642	0.040039	6.1300	6.1117	-15.630
					40.035	178.33333	50.00000	21.50000	-15.702	0.040193	6.0422	6.1352	-15.690
					42.036	178.25000	48.00000	21.50000	-15.762	0.040348	5.9160	6.1588	-15.750
					44.038	178.16667	46.00000	21.50000	-15.823	0.040503	5.8405	6.1825	-15.811
					46.040	178.08333	44.00000	21.50000	-15.884	0.040659	5.9611	6.2063	-15.872
					48.042	178.00000	42.00000	21.50000	-15.945	0.040815	6.2722	6.2301	-15.933
					50.043	177.91667	40.00000	21.50000	-16.006	0.040971	6.6715	6.2539	-15.994
					52.045	177.83333	38.00000	21.50000	-16.067	0.041128	7.2101	6.2779	-16.055
					54.047	177.75000	36.00000	21.50000	-16.128	0.041285	8.6898	6.3019	-16.116
					56.049	177.66667	34.00000	21.50000	-16.190	0.041443	11.384	6.3259	-16.178
					58.050	177.58333	32.00000	21.50000	-16.252	0.041601	12.508	6.3501	-16.239
					60.052	177.50000	30.00000	21.50000	-16.314	0.041759	13.298	6.3743	-16.301
					62.054	177.41667	28.00000	21.50000	-16.376	0.041918	13.823	6.3986	-16.363
					64.056	177.33333	26.00000	21.50000	-16.438	0.042078	14.058	6.4229	-16.426
					66.057	177.25000	24.00000	21.50000	-16.501	0.042238	14.043	6.4473	-16.488
					68.059	177.16667	22.00000	21.50000	-16.563	0.042398	13.969	6.4718	-16.551
					70.061	177.08333	20.00000	21.50000	-16.626	0.042559	14.157	6.4963	-16.613
					72.062	177.00000	18.00000	21.50000	-16.689	0.042720	14.561	6.5209	-16.676
					74.064	176.91667	16.00000	21.50000	-16.752	0.042882	14.880	6.5456	-16.739
					76.066	176.83333	14.00000	21.50000	-16.816	0.043044	14.956	6.5703	-16.803
					78.068	176.75000	12.00000	21.50000	-16.879	0.043206	14.743	6.5952	-16.866
					80.069	176.66667	10.00000	21.50000	-16.943	0.043369	14.601	6.6201	-16.930
					82.071	176.58333	8.00000	21.50000	-17.007	0.043533	14.701	6.6450	-16.994
					84.073	176.50000	6.00000	21.50000	-17.071	0.043697	15.252	6.6700	-17.058
					86.075	176.41667	4.00000	21.50000	-17.135	0.043861	15.479	6.6951	-17.122
					88.076	176.33333	2.00000	21.50000	-17.199	0.044026	15.194	6.7203	-17.186
					90.078	176.25000	0.00000	21.50000	-17.264	0.044192	14.180	6.7455	-17.251
					92.080	176.16667	-2.00000	21.50000	-17.329	0.044357	13.143	6.7709	-17.316
					94.082	176.08333	-4.00000	21.50000	-17.394	0.044524	13.376	6.7962	-17.380
					96.083	176.00000	-6.00000	21.50000	-17.459	0.044690	14.798	6.8217	-17.446
					98.085	175.91667	-8.00000	21.50000	-17.524	0.044858	15.842	6.8472	-17.511
					100.09	175.83333	-10.00000	21.50000					Point lies within an excavation.
					102.09	175.75000	-12.00000	21.50000					Point lies within an excavation.
					104.09	175.66667	-14.00000	21.50000					Point lies within an excavation.
					106.09	175.58333	-16.00000	21.50000					Point lies within an excavation.
					108.09	175.50000	-18.00000	21.50000					Point lies within an excavation.
					110.10	175.41667	-20.00000	21.50000	-7.2346	14.801	10.974	-14.487	-7.8445
					112.10	175.33333	-22.00000	21.50000	-6.6359	13.576	10.537	-13.288	-7.1953
					114.10	175.25000	-24.00000	21.50000	-6.0719	12.422	9.945	-12.159	-6.5838
					116.10	175.16667	-26.00000	21.50000	-5.5388	11.332	9.2830	-11.091	-6.0057
					118.10	175.08333	-28.00000	21.50000	-5.0327	10.296	8.4152	-10.078	-5.4569
					120.10	175.00000	-30.00000	21.50000	-4.5496	9.3078	7.4236	-9.1103	-4.9331
48		RW_1			0.0	0.00000	63.00000	22.00000	0.0	0.0	-1.2400	0.0	0.0
					1.9885	1.96970	63.27273	22.00000	0.014164	-0.059564	-1.2174	0.005861	-0.060944
					3.9770	3.93939	63.54545	22.00000	0.019009	-0.13749	-1.2007	-28.744E-6	-0.13880
					5.9655	5.90909	63.81818	22.00000	0.0078117	-0.14799	-1.2033	-0.012560	-0.14767
					7.9540	7.87879	64.09091	22.00000	0.0	-0.074659	-1.2276	-0.010240	-0.073954
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	-1.2667	0.0	0.0
					11.931	11.81818	64.63636	22.00000	0.0	0.0	-1.2896	0.0	0.0
					13.919	13.78788	64.90909	22.00000	0.0	0.0	-1.3413	0.0	0.0
					15.908	15.75758	65.18182	22.00000	0.0	0.0	-1.3939	0.0	0.0
					17.896	17.72727	65.45455	22.00000	0.0	0.0	-1.4455	0.0	0.0
					19.885	19.69697	65.72727	22.00000	0.0	0.0	-1.5214	0.0	0.0
					21.873	21.66667	66.00000	22.00000	0.0	0.0	-1.5925	0.0	0.0
					23.862	23.63636	66.27273	22.00000	0.0	0.0	-1.6659	0.0	0.0
					25.850	25.60606	66.54545	22.00000	0.0	0.0	-1.7402	0.0	0.0
					27.839	27.57576	66.81818	22.00000	0.0	0.0	-1.8143	0.0	0.0
					29.827	29.54545	67.09091	22.00000	0.0	0.0	-1.8872	0.0	0.0
					31.816	31.51515	67.36364	22.00000	0.0	0.0	-1.9583	0.0	0.0
					33.								



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	ΔH//	Δθperp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					98.039	156.52830	107.13208	22.00000	1.0945	-2.8437	-0.59267	0.0027946	-3.0471	20.999	*
					100.04	158.39623	107.84906	22.00000	1.0739	-2.8348	-0.55269	-0.013267	-3.0314	20.999	*
					102.04	160.26415	108.56604	22.00000	0.86448	-2.7139	-0.52546	-0.16546	-2.8435	20.999	*
					104.04	162.13208	109.28302	22.00000	0.64920	-2.5448	-0.51764	-0.30582	-2.6084	20.999	*
					106.04	164.00000	110.00000	22.00000	0.44158	-2.3347	-0.52511	-0.42436	-2.3378	20.999	*
50	canal wall L1				0.0	5.99000	50.78000	21.50000	1.1914	-5.4180	9.9225	1.2394	-5.4072	359.49	*
					2.0944	8.08429	50.76143	21.50000	0.0	-6.7736	12.224	0.060063	-6.7733	359.49	*
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	13.177	0.060173	-6.7857	359.49	*
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	13.713	0.060284	-6.7981	359.49	*
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	14.764	0.060394	-6.8106	359.49	*
					10.472	16.46143	50.68714	21.50000	-179.278-12	-6.8233	14.915	0.060504	-6.8230	359.49	*
					12.566	18.55714	50.66857	21.50000	0.0	-6.8236	14.066	-0.19773	-6.8256	359.49	*
					14.661	20.65000	50.65000	21.50000	-0.51995	-6.7202	14.244	-0.46034	-6.7246	359.49	*
51	canal wall L2				0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	14.244	0.41602	-6.7274	352.04	*
					2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	14.415	0.42122	-6.8116	352.04	*
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	13.802	0.42646	-6.8963	352.04	*
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	14.427	0.43172	-6.9814	352.04	*
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	14.384	0.43702	-7.0670	352.04	*
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	13.835	0.44234	-7.1531	352.04	*
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	14.097	0.44770	-7.2397	352.04	*
					14.317	34.82889	48.66667	21.50000	-0.56628	-7.3190	13.832	-0.45309	-7.3269	352.04	*
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	13.102	0.45851	-7.4145	352.04	*
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	13.556	0.46396	-7.5027	352.04	*
52	canal wall L3				0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	13.556	-1.0488	-7.4435	3.5959	*
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2955	12.284	-1.0209	-7.2458	3.5959	*
					4.1056	42.97500	48.35750	21.50000	-0.57021	-7.4902	11.440	-0.50355	-6.9281	3.5959	*
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	6.8845	-0.40249	-5.0841	3.5959	*
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	4.9955	-0.33341	-4.5672	3.5959	*
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	3.8441	-0.29113	-4.2404	3.5959	*
					12.317	51.17250	48.87250	21.50000	0.81625	-6.2666	3.8455	0.42161	-6.3054	3.5959	*
					14.370	53.22125	48.00125	21.50000	-0.39405	-5.3932	2.533	-0.72276	-5.2182	3.5959	*
					16.422	55.27000	49.13000	21.50000	-0.99792	-4.4623	2.7154	-1.2758	-4.3909	3.5959	*
53	canal wall L4				0.0	55.27000	49.13000	21.50000	-0.99792	-4.4623	2.7154	-2.5060	-3.8247	20.627	*
					1.9865	57.12918	49.82984	21.50000	-0.78797	-3.8813	1.0986	-2.1048	-3.3549	20.627	*
					3.9731	58.98936	50.52967	21.50000	-0.34533	-3.4502	-0.28653	-1.5387	-3.1074	20.627	*
					5.9596	60.84754	51.22951	21.50000	0.21640	-3.1011	-1.2698	-0.8995	-2.9785	20.627	*
					7.9461	62.70672	51.92934	21.50000	0.69654	-2.8006	-1.8369	-0.33473	-2.8664	20.627	*
					9.9327	64.56590	52.62918	21.50000	0.97383	-2.6320	-2.1809	-0.015844	-2.8064	20.627	*
					11.919	66.42508	53.32902	21.50000	0.97237	-2.6281	-2.2576	-0.015820	-2.8022	20.627	*
					13.906	68.28426	54.02885	21.50000	0.97091	-2.6242	-2.2854	-0.015797	-2.7980	20.627	*
					15.892	70.14344	54.72889	21.50000	0.96945	-2.6202	-2.3628	-0.015773	-2.7938	20.627	*
					17.879	72.00262	55.42852	21.50000	0.96799	-2.6163	-2.4199	-0.015749	-2.7896	20.627	*
					19.865	73.86180	56.12836	21.50000	0.96653	-2.6123	-2.3277	-0.015726	-2.7853	20.627	*
					21.852	75.72098	56.82820	21.50000	0.96507	-2.6084	-2.0535	-0.015702	-2.7811	20.627	*
					23.838	77.58016	57.52803	21.50000	0.96361	-2.6045	-1.7234	-0.015678	-2.7769	20.627	*
					25.825	79.43934	58.22787	21.50000	0.96215	-2.6005	-1.4570	-0.015654	-2.7727	20.627	*
					27.811	81.29852	58.92770	21.50000	0.96069	-2.5965	-1.2436	-0.015631	-2.7685	20.627	*
					29.798	83.15770	59.62754	21.50000	0.95923	-2.5926	-1.0300	-0.015607	-2.7643	20.627	*
					31.785	85.01689	60.32738	21.50000	0.95777	-2.5887	-0.82901	-0.015583	-2.7601	20.627	*
					33.771	86.87607	61.02721	21.50000	0.95632	-2.5847	-0.6366	-0.015559	-2.7559	20.627	*
					35.758	88.73525	61.72705	21.50000	0.95486	-2.5808	-0.40450	-0.015536	-2.7517	20.627	*
					37.744	90.59443	62.42689	21.50000	0.95340	-2.5768	-0.25619	-0.015512	-2.7475	20.627	*
					39.731	92.45361	63.12672	21.50000	0.95194	-2.5729	-0.34284	-0.015488	-2.7433	20.627	*
					41.717	94.31279	63.82656	21.50000	0.95048	-2.5689	-0.70704	-0.015464	-2.7391	20.627	*
					43.704	96.17197	64.52639	21.50000	0.94902	-2.5650	-1.2201	-0.015440	-2.7349	20.627	*
					45.690	98.03115	65.22623	21.50000	0.94756	-2.5610	-1.7216	-0.015417	-2.7307	20.627	*
					47.677	99.89033	65.92607	21.50000	5.3860	-14.093	7.5654	0.076040	-15.087	20.627	*
					49.663	101.74951	66.62590	21.50000	4.4434	-11.545	5.7327	0.091505	-12.370	20.627	*
					51.650	103.60869	67.32574	21.50000	4.4469	-11.554	5.7235	0.091578	-12.380	20.627	*
					53.636	105.46787	68.02557	21.50000	4.4504	-11.563	5.7082	0.091650	-12.389	20.627	*
					55.623	107.32705	68.72541	21.50000	4.4539	-11.572	5.6957	0.091722	-12.399	20.627	*
					57.610	109.18623	69.42525	21.50000	4.4575	-11.581	5.6792	0.091794	-12.409	20.627	*
					59.596	111.04541	70.12508	21.50000	4.4610	-11.590	6.1441	0.091867	-12.419	20.627	*
					61.583	112.90459	70.82492	21.50000	4.4645	-11.599	6.3460	0.091939	-12.429	20.627	*
					63.569	114.76377	71.52475	21.50000	4.4680	-11.608	6.5412	0.092012	-12.438	20.627	*
					65.556	116.62295	72.22459	21.50000	4.4715	-11.618	6.6947	0.092084	-12.448	20.627	*
					67.542	118.48213	72.92443	21.50000	4.4750	-11.627	6.8031	0.092156	-12.458	20.627	*
					69.529	120.34131	73.62426	21.50000	4.4786	-11.636	6.8965	0.092229	-12.468	20.627	*
					71.515	122.20049	74.32410	21.50000	4.4821	-11.645	7.0180	0.092301	-12.478	20.627	*
					73.502	124.05967	75.02393	21.50000	4.4856	-11.654	7.1195	0.092374	-12.487	20.627	*
					75.488	125.91885	75.72377	21.50000	4.4891	-11.663	7.3509	0.092447	-12.497	20.627	*
					77.475	127.77803	76.42361	21.5							



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]					
3		Canal Side Studios_3	Canal Side Studios_3	Canal Side Studios_3	18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0					
					20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0					
					0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0					
					1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0					
					3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0					
					5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0					
					7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0					
					9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0					
					11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0					
					13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0					
					15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0					
					17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0					
					19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0					
					21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0					
					23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0					
					25.278	-14.00000	23.72222	22.00000	0.0	0.0	0.0	0.0					
					27.222	-14.00000	21.77778	22.00000	0.0	0.0	0.0	0.0					
4		Canal Side Studios_4	Canal Side Studios_4	Canal Side Studios_4	29.167	-14.00000	19.83333	22.00000	0.0	0.0	0.0	0.0					
					31.111	-14.00000	17.88889	22.00000	0.0	0.0	0.0	0.0					
					33.056	-14.00000	15.94444	22.00000	0.0	0.0	0.0	0.0					
					35.000	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0					
					0.0	-14.00000	14.00000	22.00000	0.0	0.0	0.0	0.0					
					2.0000	-12.00000	14.00000	22.00000	0.0	0.0	0.0	0.0					
					4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	0.0017685	60.569E-6					
					6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	0.73877	0.027827					
					8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	1.4692	0.061841					
					10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	2.1897	0.10522					
					12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	3.2402	0.18309					
					14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.2827	0.29736					
					16.000	2.00000	14.00000	22.00000	5.3100	0.48657	5.3100	0.48657					
					18.000	4.00000	14.00000	22.00000	6.2339	0.86336	6.2339	0.86336					
					20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491					
					0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972					
					5		Beaumont Court_1	Beaumont Court_1	Beaumont Court_1	2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133
4.0062	41.00000	0.22222	20.00000	0.0						1.3058	0.072435	-1.3038					
6.0093	39.00000	0.33333	20.00000	0.0						1.3475	0.074746	-1.3454					
8.0123	37.00000	0.44444	20.00000	0.0						1.3892	0.077057	-1.3870					
10.015	35.00000	0.55556	20.00000	0.0						1.4308	0.079368	-1.4286					
12.019	33.00000	0.66667	20.00000	0.0						1.4725	0.081680	-1.4702					
14.022	31.00000	0.77778	20.00000	0.0						1.5142	0.083991	-1.5118					
16.025	29.00000	0.88889	20.00000	0.0						1.5558	0.086302	-1.5534					
18.028	27.00000	1.00000	20.00000	0.0						1.5975	0.088613	-1.5950					
0.0	27.00000	1.00000	20.00000	0.0						1.5975	-1.5909	-0.14463					
1.8409	26.83333	-0.83333	20.00000	0.0						0.91000	-0.90626	-0.082388					
3.6818	26.66667	-2.66667	20.00000	0.0						0.22250	-0.22159	-0.020144					
5.5227	26.50000	-4.50000	20.00000	0.0						0.0	0.0	0.0					
7.3636	26.33333	-6.33333	20.00000	0.0						0.0	0.0	0.0					
9.2045	26.16667	-8.16667	20.00000	0.0						0.0	0.0	0.0					
11.045	26.00000	-10.00000	20.00000	0.0						0.0	0.0	0.0					
6		Beaumont Court_2	Beaumont Court_2	Beaumont Court_2						0.0	26.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0
					1.7500	27.75000	-10.00000	20.00000	0.0	0.0	0.0	0.0					
					3.5000	29.50000	-10.00000	20.00000	0.0	0.0	0.0	0.0					
					5.2500	31.25000	-10.00000	20.00000	0.0	0.0	0.0	0.0					
					7.0000	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0					
					0.0	33.00000	-10.00000	20.00000	0.0	0.0	0.0	0.0					
					1.9749	32.84375	-11.96875	20.00000	0.0	0.0	0.0	0.0					
					3.9499	32.68750	-13.93750	20.00000	0.0	0.0	0.0	0.0					
					5.9248	32.53125	-15.90625	20.00000	0.0	0.0	0.0	0.0					
					7.8998	32.37500	-17.87500	20.00000	0.0	0.0	0.0	0.0					
					9.8747	32.21875	-19.84375	20.00000	0.0	0.0	0.0	0.0					
					11.850	32.06250	-21.81250	20.00000	0.0	0.0	0.0	0.0					
					13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0					
					15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0					
					17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0					
					19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0					
					7		Beaumont Court_3	Beaumont Court_3	Beaumont Court_3	21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0
23.699	31.12500	-33.62500	20.00000	0.0						0.0	0.0	0.0					
25.674	30.96875	-35.59375	20.00000	0.0						0.0	0.0	0.0					
27.649	30.81250	-37.56250	20.00000	0.0						0.0	0.0	0.0					
29.624	30.65625	-39.53125	20.00000	0.0						0.0	0.0	0.0					
31.599	30.50000	-41.50000	20.00000	0.0						0.0	0.0	0.0					
33.574	30.34375	-43.46875	20.00000	0.0						0.0	0.0	0.0					
35.549	30.18750	-45.43750	20.00000	0.0						0.0	0.0	0.0					
37.524	30.03125	-47.40625	20.00000	0.0						0.0	0.0	0.0					
39.499	29.87500	-49.37500	20.00000	0.0						0.0	0.0	0.0					
41.474	29.71875	-51.34375	20.00000	0.0						0.0	0.0	0.0					
43.449	29.56250	-53.31250	20.00000	0.0						0.0	0.0	0.0					
45.424	29.40625	-55.28125	20.00000	0.0						0.0	0.0	0.0					
47.399	29.25000	-57.25000	20.00000	0.0						0.0	0.0	0.0					
49.374	29.09375	-59.21875	20.00000	0.0						0.0	0.0	0.0					
8		Beaumont Court_4	Beaumont Court_4	Beaumont Court_4						51.348	28.93750	-61.18750	20.00000	0.0	0.0	0.0	0.0
										53.323	28.78125	-63.15625	20.00000	0.0	0.0	0.0	0.0
					55.298	28.62500	-65.12500	20.00000	0.0	0.0	0.0	0.0					
					57.273	28.46875	-67.09375	20.00000	0.0	0.0	0.0	0.0					
					59.248	28.31250	-69.06250	20.00000	0.0	0.0	0.0	0.0					
					61.223	28.15625	-71.03125	20.00000	0.0	0.0	0.0	0.0					
					63.198	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0					
					0.0	28.00000	-73.00000	20.00000	0.0	0.0	0.0	0.0					
					2.0069	30.00000	-73.16667	20.00000	0.0	0.0	0.0	0.0					
					4.0139	32.00000	-73.33333	20.00000	0.0	0.0	0.0	0.0					
					6.0208	34.00000	-73.50000	20.00000	0.0	0.0	0.0	0.0					
					8.0277	36.00000	-73.66667	20.00000	0.0	0.0	0.0	0.0					
					10.035	38.00000	-73.83333	20.00000	0.0	0.0	0.0	0.0					
					12.042	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0					
					0.0	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0					
					2.0046	40.13514	-72.00000	20.00000	0.0	0.0	0.0	0.0					
					9		Beaumont Court_5	Beaumont Court_5	Beaumont Court_5	4.0091	40.27027	-70.00000	20.00000	0.0	0.0	0.0	0.0
6.0137	40.40541	-68.00000	20.00000	0.0						0.0	0.0	0.0					
8.0182	40.54054	-66.00000	20.00000	0.0						0.0	0.0	0.0					
10.023	40.67568	-64.00000	20.00000	0.0						0.0	0.0	0.0					
12.027	40.81081	-62.00000	20.00000	0.0						0.0	0.0	0.0					
14.032	40.94595	-60.00000	20.00000	0.0						0.0	0.0	0.0					
16.036	41.08108	-58.00000	20.00000	0.0						0.0	0.0	0.0					
18.041	41.21622	-56.00000	20.00000	0.0						0.0	0.0	0.0					
20.046	41.35135	-54.00000	20.00000	0.0						0.0	0.0	0.0					
22.050	41.48649	-52.00000	20.00000	0.0						0.0	0.0	0.0					
24.055	41.62162	-50.00000	20.00000	0.0						0.0	0.0	0.0					
26.059	41.75676	-48.00000	20.00000	0.0						0.0	0.0	0.0					
28.064	41.89189	-46.00000	20.00000	0.0						0.0	0.0	0.0					
30.068	42.02703	-44.00000	20.00000	0.0						0.0	0.0	0.0					
32.073	42.16216																



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]
						3.7268	84.33333	-14.33333	20.00000	0.056462	0.14922	-0.15872
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0
						11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0
	13	TP No.1_3		TP No.1_3		0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0
	14	TP No.1_4		TP No.1_4		14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0
	15	TP No.1_5		TP No.1_5		0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0
						41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0
16	TP No.1_6		TP No.1_6			0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0
						12.530	106.00000	-34.00000	20.00000	0.21830	0.54020	0.57877
17	TP No.1_7		TP No.1_7			0.0	106.00000	-34.00000	20.00000	0.21830	0.54020	0.030626
						2.0691	104.12500	-33.12500	20.00000	0.22358	0.57802	-0.62257
						4.1382	102.25000	-32.25000	20.00000	0.24886	0.61583	0.034914
						6.2074	100.37500	-31.37500	20.00000	0.26414	0.65365	0.037058
						8.2765	98.50000	-30.50000	20.00000	0.27942	0.69146	0.039202
						10.346	96.62500	-29.62500	20.00000	0.29470	0.72928	0.041346
						12.415	94.75000	-28.75000	20.00000	0.30998	0.76709	0.043490
						14.484	92.87500	-27.87500	20.00000	0.32527	0.80491	0.045634
						16.553	91.00000	-27.00000	20.00000	0.34055	0.84272	0.047777
						0.0	91.00000	-27.00000	20.00000	0.34055	0.84272	0.090810
						2.0138	91.83333	-25.16667	20.00000	0.62324	1.5423	1.6619
						4.0277	92.66667	-23.33333	20.00000	0.90592	2.2418	2.4157
						6.0415	93.50000	-21.50000	20.00000	1.1886	2.9414	3.1696
						8.0554	94.33333	-19.66667	20.00000	1.4713	3.6409	3.9234
						10.069	95.16667	-17.83333	20.00000	1.7540	4.3405	4.6772
						12.083	96.00000	-16.00000	20.00000	2.0408	5.0503	5.4421
						0.0	148.00000	-41.00000	20.00000	1.5174	3.7549	0.23129
19	TP No.2_1		TP No.2_1			1.9906	146.20000	-40.15000	20.00000	1.5333	3.7944	0.23372
						3.9812	144.40000	-39.30000	20.00000	1.5493	3.8339	0.23616
						5.9718	142.60000	-38.45000	20.00000	1.5653	3.8734	0.23859
						7.9624	140.80000	-37.60000	20.00000	1.5812	3.9130	0.24103
						9.9530	139.00000	-36.75000	20.00000	1.5972	3.9525	0.24346
						11.944	137.20000	-35.90000	20.00000	1.6132	3.9920	0.24590
						13.934	135.40000	-35.05000	20.00000	1.6292	4.0316	0.24833
						15.925	133.60000	-34.20000	20.00000	1.6451	4.0711	0.25077
						17.915	131.80000	-33.35000	20.00000	1.6611	4.1106	0.25320
						19.906	130.00000	-32.50000	20.00000	1.6771	4.1501	0.25563
						21.897	128.20000	-31.65000	20.00000	1.6931	4.1897	0.25807
						23.887	126.40000	-30.80000	20.00000	1.7090	4.2292	0.26050
						25.878	124.60000	-29.95000	20.00000	1.7250	4.2687	0.26294
						27.868	122.80000	-29.10000	20.00000	1.7410	4.3082	0.26537
						29.859	121.00000	-28.25000	20.00000	1.7569	4.3478	0.26781
						31.850	119.20000	-27.40000	20.00000	1.7729	4.3873	0.27024
						33.840	117.40000	-26.55000	20.00000	1.7889	4.4268	0.27268
						35.831	115.60000	-25.70000	20.00000	1.8049	4.4663	0.27511
						37.821	113.80000	-24.85000	20.00000	1.8208	4.5059	0.27755
						39.812	112.00000	-24.00000	20.00000	1.8368	4.5454	0.27998
20	TP No.2_2		TP No.2_2			0.0	112.00000	-24.00000	20.00000	1.8368	4.5454	-4.8654
						2.0591	111.00000	-25.80000	20.00000	1.5497	3.8349	-4.1049
						4.1183	110.00000	-27.60000	20.00000	1.2626	3.1244	-3.3443
						6.1774	109.00000	-29.40000	20.00000	0.97544	2.4139	-2.5838
						8.2365	108.00000	-31.20000	20.00000	0.68832	1.7033	-1.8233
						10.296	107.00000	-33.00000	20.00000	0.40120	0.99283	-1.0627
21	TP No.2_3		TP No.2_3			0.0	107.00000	-33.00000	20.00000	0.40120	0.99	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						44.871	159.52000	-35.64000	20.00000	3.2130	7.9509	0.53192	-8.5591 d
						46.911	157.68000	-34.76000	20.00000	3.2404	8.0186	0.53645	-8.6320 d
						48.951	155.84000	-33.88000	20.00000	3.2678	8.0865	0.54099	-8.7050 d
						50.990	154.00000	-33.00000	20.00000	3.2953	8.1545	0.54554	-8.7782 d
24		TP No.3_2		TP No.3_2		0.0	154.00000	-33.00000	20.00000	3.2953	8.1545	-8.7673	-0.69944 d
						1.9166	153.14286	-34.71429	20.00000	2.8858	7.1412	-7.6778	-0.61252 d
						3.8333	152.28571	-36.42857	20.00000	2.4854	6.1504	-6.6125	-0.52753 d
						5.7499	151.42857	-38.14286	20.00000	2.0898	5.1715	-5.5602	-0.44358 d
						7.6665	150.57143	-39.85714	20.00000	1.8016	4.4583	-4.7933	-0.38240 d
						9.5831	149.71429	-41.57143	20.00000	1.5332	3.7940	-4.0791	-0.32542 d
						11.500	148.85714	-43.28571	20.00000	1.2647	3.1297	-3.3649	-0.26844 d
						13.416	148.00000	-45.00000	20.00000	0.99629	2.4654	-2.6507	-0.21147 d
25		TP No.3_3		TP No.3_3		0.0	148.00000	-45.00000	20.00000	0.99629	2.4654	-0.11756	2.6565 d
						2.0227	149.84000	-45.84000	20.00000	0.98372	2.4343	-0.11608	2.6230 d
						4.0453	151.68000	-46.68000	20.00000	0.97116	2.4033	-0.11460	2.5895 d
						6.0680	153.52000	-47.52000	20.00000	0.95860	2.3722	-0.11312	2.5560 d
						8.0907	155.36000	-48.36000	20.00000	0.91029	2.3389	-0.14323	2.5057 d
						10.113	157.20000	-49.20000	20.00000	0.70364	2.2647	-0.30041	2.3524 d
						12.136	159.04000	-50.04000	20.00000	0.49913	2.1390	-0.43426	2.1531 d
						14.159	160.88000	-50.88000	20.00000	0.31023	1.9642	-0.53352	1.9157 d
						16.181	162.72000	-51.72000	20.00000	0.14845	1.7434	-0.58989	1.6476 d
						18.204	164.56000	-52.56000	20.00000	0.022945	1.4799	-0.59372	1.3558 d
						20.227	166.40000	-53.40000	20.00000	-0.059616	1.1773	-0.54315	1.0462 d
						22.249	168.24000	-54.24000	20.00000	-0.094881	0.83920	-0.43483	0.72401 d
						24.272	170.08000	-55.08000	20.00000	-0.080544	0.46915	-0.26810	0.39333 d
						26.295	171.92000	-55.92000	20.00000	-0.015964	0.070475	-0.043790	0.057480 d
						28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0 d
						30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0 d
						32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0 d
						34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0 d
						36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0 d
						38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0 d
						40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0 d
						42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0 d
						44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0 d
						46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0 d
						48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0 d
						50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
26		TP No.3_4		TP No.3_4		0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	195.84000	-66.84000	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	0.0 d
27		Hospital No.1_1		Hospital No.1_1		0.0	189.00000	-19.00000	19.00000	-8.3470	0.35701	-0.35701	-8.3470 d
						2.0000	189.00000	-21.00000	19.00000	-7.5716	1.3635	-1.3635	-7.5716 d
						4.0000	189.00000	-23.00000	19.00000	-6.7189	2.2335	-2.2335	-6.7189 d
						6.0000	189.00000	-25.00000	19.00000	-5.8522	2.8998	-2.8998	-5.8522 d
						8.0000	189.00000	-27.00000	19.00000	-5.0146	3.3333	-3.3333	-5.0146 d
						10.000	189.00000	-29.00000	19.00000	-4.2288	3.5347	-3.5347	-4.2288 d
						12.000	189.00000	-31.00000	19.00000	-3.5023	3.5220	-3.5220	-3.5023 d
28		Hospital No.1_2		Hospital No.1_2		0.0	189.00000	-31.00000	19.00000	-3.5023	3.5220	-3.5023	3.5220 d
						1.9474	190.94737	-31.00000	19.00000	-3.2877	2.8501	-3.2877	2.8501 d
						3.8947	192.89474	-31.00000	19.00000	-3.0494	2.3142	-3.0494	2.3142 d
						5.8421	194.84211	-31.00000	19.00000	-2.7441	1.8469	-2.7441	1.8469 d
						7.7895	196.78947	-31.00000	19.00000	-2.3829	1.4380	-2.3829	1.4380 d
						9.7368	198.73684	-31.00000	19.00000	-1.9750	1.0786	-1.9750	1.0786 d
						11.684	200.68421	-31.00000	19.00000	-1.5279	0.76125	-1.5279	0.76125 d
						13.632	202.63158	-31.00000	19.00000	-1.0479	0.47959	-1.0479	0.47959 d
						15.579	204.57895	-31.00000	19.00000	-0.53997	0.22838	-0.53997	0.22838 d
						17.526	206.52632	-31.00000	19.00000	-0.0082775	0.0032525	-0.0082775	0.0032525 d
						19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
29		Hospital No.1_3		Hospital No.1_3		0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	226.00000	-17.00000	19.				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]		
						26.000	215.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						28.000	217.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						30.000	219.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						32.000	221.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						34.000	223.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						36.000	225.00000	5.00000	19.00000	0.0	0.0	0.0	d	
	35		Hospital No.2_3	Hospital No.2_3		0.0	225.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.0	d	
						4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.0	d	
						6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0	d	
						8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0	d	
						10.000	225.00000	15.00000	19.00000	0.0	0.0	0.0	d	
						12.000	225.00000	17.00000	19.00000	0.0	0.0	0.0	d	
						14.000	225.00000	19.00000	19.00000	0.0	0.0	0.0	d	
						16.000	225.00000	21.00000	19.00000	0.0	0.0	0.0	d	
						18.000	225.00000	23.00000	19.00000	0.0	0.0	0.0	d	
						20.000	225.00000	25.00000	19.00000	0.0	0.0	0.0	d	
						22.000	225.00000	27.00000	19.00000	0.0	0.0	0.0	d	
						24.000	225.00000	29.00000	19.00000	0.0	0.0	0.0	d	
						26.000	225.00000	31.00000	19.00000	0.0	0.0	0.0	d	
						28.000	225.00000	33.00000	19.00000	0.0	0.0	0.0	d	
						30.000	225.00000	35.00000	19.00000	0.0	0.0	0.0	d	
						32.000	225.00000	37.00000	19.00000	0.0	0.0	0.0	d	
	36		Hospital No.2_4	Hospital No.2_4		0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						10.000	215.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						12.000	213.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						14.000	211.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						16.000	209.00000	37.00000	19.00000	-0.079441	203.35E-6	0.079441	-203.35E-6	d
						18.000	207.00000	37.00000	19.00000	-0.82944	0.0021232	0.82944	-0.0021232	d
						20.000	205.00000	37.00000	19.00000	-1.5794	0.0040430	1.5794	-0.0040430	d
						22.000	203.00000	37.00000	19.00000	-2.3294	0.0059628	2.3294	-0.0059628	d
						24.000	201.00000	37.00000	19.00000	-3.0794	0.0078826	3.0794	-0.0078826	d
						26.000	199.00000	37.00000	19.00000	-3.8294	0.0098024	3.8294	-0.0098024	d
						28.000	197.00000	37.00000	19.00000	-4.5794	0.011722	4.5794	-0.011722	d
						30.000	195.00000	37.00000	19.00000	-5.3294	0.013642	5.3294	-0.013642	d
						32.000	193.00000	37.00000	19.00000	-6.3941	0.016367	6.3941	-0.016367	d
						34.000	191.00000	37.00000	19.00000	-7.5091	0.019241	7.5091	-0.019241	d
						36.000	189.00000	37.00000	19.00000	-8.6485	0.022138	8.6485	-0.022138	d
	37		Hospital No.3_1	Hospital No.3_1		0.0	189.00000	77.00000	19.00000	-5.5846	-2.1238	2.1238	-5.5846	d
						1.9375	189.00000	75.06250	19.00000	-5.9403	-2.2591	2.2591	-5.9403	d
						3.8750	189.00000	73.12500	19.00000	-6.2972	-2.3948	2.3948	-6.2972	d
						5.8125	189.00000	71.18750	19.00000	-6.6558	-2.5302	2.5302	-6.6558	d
						7.7500	189.00000	69.25000	19.00000	-7.0167	-2.6684	2.6684	-7.0167	d
						9.6875	189.00000	67.31250	19.00000	-7.3802	-2.8067	2.8067	-7.3802	d
						11.625	189.00000	65.37500	19.00000	-7.8020	-2.6073	2.6073	-7.8020	d
						13.563	189.00000	63.43750	19.00000	-8.2781	-1.5199	1.5199	-8.2781	d
						15.500	189.00000	61.50000	19.00000	-8.6237	-0.28560	0.28560	-8.6237	d
						17.438	189.00000	59.56250	19.00000	-8.6819	0.022224	-0.022224	-8.6819	d
						19.375	189.00000	57.62500	19.00000	-8.6790	0.022216	-0.022216	-8.6790	d
						21.313	189.00000	55.68750	19.00000	-8.6762	0.022209	-0.022209	-8.6762	d
						23.250	189.00000	53.75000	19.00000	-8.6733	0.022202	-0.022202	-8.6733	d
						25.188	189.00000	51.81250	19.00000	-8.6704	0.022195	-0.022195	-8.6704	d
						27.125	189.00000	49.87500	19.00000	-8.6676	0.022187	-0.022187	-8.6676	d
						29.063	189.00000	47.93750	19.00000	-8.6647	0.022180	-0.022180	-8.6647	d
						31.000	189.00000	46.00000	19.00000	-8.6618	0.022172	-0.022172	-8.6618	d
	38		Hospital No.3_2	Hospital No.3_2		0.0	189.00000	46.00000	19.00000	-8.6618	0.022172	-8.6618	0.022172	d
						1.8000	190.80000	46.00000	19.00000	-7.6347	0.019543	-7.6347	0.019543	d
						3.6000	192.60000	46.00000	19.00000	-6.6285	0.016967	-6.6285	0.016967	d
						5.4000	194.40000	46.00000	19.00000	-5.6338	0.014421	-5.6338	0.014421	d
						7.2000	196.20000	46.00000	19.00000	-4.8880	0.012512	-4.8880	0.012512	d
						9.0000	198.00000	46.00000	19.00000	-4.2131	0.010784	-4.2131	0.010784	d
	39		Hospital No.3_3	Hospital No.3_3		0.0	198.00000	46.00000	19.00000	-4.2131	0.010784	0.010784	4.2131	d
						1.8000	198.00000	47.80000	19.00000	-4.2148	0.010789	0.010789	4.2148	d
						3.6000	198.00000	49.60000	19.00000	-4.2165	0.010793	0.010793	4.2165	d
						5.4000	198.00000	51.40000	19.00000	-4.2182	0.010798	0.010798	4.2182	d
						7.2000	198.00000	53.20000	19.00000	-4.2200	0.010800	0.010800	4.2200	d
						9.0000	198.00000	55.00000	19.00000	-4.2217	0.010807	0.010807	4.2217	d
	40		Hospital No.3_4	Hospital No.3_4		0.0	198.00000	55.00000	19.00000	-4.2217	0.010807	-4.2217	0.010807	d
						2.0000	200.00000	55.00000	19.00000	-3.4717	0.0088867	-3.4717	0.0088867	d
						4.0000	202.00000	55.00000	19.00000	-2.7217	0.0069669	-2.7217	0.0069669	d
						6.0000	204.00000	55.00000	19.00000	-1.9717	0.0050471	-1.9717	0.0050471	d
						8.0000	206.00000	55.00000	19.00000	-1.2217	0.0031273	-1.2217	0.0031273	d
						10.000	208.00000	55.00000	19.00000	-0.47172	0.0012075	-0.47172	0.0012075	d
						12.000	210.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						14.000	212.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						16.000	214.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						18.000	216.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						20.000	218.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						22.000	220.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						24.000	222.00000	55.00000	19.00000	0.0	0.			



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Ref.			[m]	[m]	[m]	[m]	[mm]	
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000	14.00000 22.00000 14.157 d
						1.9444	6.00000	15.94444 22.00000 16.326 d
						3.8889	6.00000	17.88889 22.00000 17.053 d
						5.8333	6.00000	19.83333 22.00000 17.703 d
						7.7778	6.00000	21.77778 22.00000 18.723 d
						9.7222	6.00000	23.72222 22.00000 20.399 d
						11.667	6.00000	25.66667 22.00000 22.105 d
						13.611	6.00000	27.61111 22.00000 22.953 d
						15.556	6.00000	29.55556 22.00000 23.097 d
						17.500	6.00000	31.50000 22.00000 22.688 d
						19.444	6.00000	33.44444 22.00000 21.662 d
						21.389	6.00000	35.38889 22.00000 20.522 d
						23.333	6.00000	37.33333 22.00000 19.658 d
						25.278	6.00000	39.27778 22.00000 19.266 d
						27.222	6.00000	41.22222 22.00000 19.263 d
						29.167	6.00000	43.16667 22.00000 19.654 d
						31.111	6.00000	45.11111 22.00000 20.490 d
						33.056	6.00000	47.05556 22.00000 20.055 d
						35.000	6.00000	49.00000 22.00000 13.584 d
2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000	13.584 d
				2.0000	4.00000	49.00000	22.00000	9.7508 d
				4.0000	2.00000	49.00000	22.00000	6.4717 d
				6.0000	0.0000	49.00000	22.00000	4.1317 d
				8.0000	-2.00000	49.00000	22.00000	2.3156 d
				10.000	-4.00000	49.00000	22.00000	0.91194 d
				12.000	-6.00000	49.00000	22.00000	-0.10513 d
				14.000	-8.00000	49.00000	22.00000	-0.81248 d
				16.000	-10.00000	49.00000	22.00000	-1.1668 d
				18.000	-12.00000	49.00000	22.00000	-1.2380 d
				20.000	-14.00000	49.00000	22.00000	-1.2424 d
3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000	-1.2424 d
				1.9444	-14.00000	47.05556	22.00000	-1.2518 d
				3.8889	-14.00000	45.11111	22.00000	-1.2603 d
				5.8333	-14.00000	43.16667	22.00000	-1.2680 d
				7.7778	-14.00000	41.22222	22.00000	-1.2749 d
				9.7222	-14.00000	39.27778	22.00000	-1.2809 d
				11.667	-14.00000	37.33333	22.00000	-1.2858 d
				13.611	-14.00000	35.38889	22.00000	-1.2895 d
				15.556	-14.00000	33.44444	22.00000	-1.2920 d
				17.500	-14.00000	31.50000	22.00000	-1.2932 d
				19.444	-14.00000	29.55556	22.00000	-1.2933 d
				21.389	-14.00000	27.61111	22.00000	-1.2923 d
				23.333	-14.00000	25.66667	22.00000	-1.2905 d
				25.278	-14.00000	23.72222	22.00000	-1.2878 d
				27.222	-14.00000	21.77778	22.00000	-1.2843 d
				29.167	-14.00000	19.83333	22.00000	-1.2800 d
				31.111	-14.00000	17.88889	22.00000	-1.2747 d
				33.056	-14.00000	15.94444	22.00000	-1.2683 d
				35.000	-14.00000	14.00000	22.00000	-1.2606 d
4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000	-1.2606 d
				2.0000	-12.00000	14.00000	22.00000	-1.2592 d
				4.0000	-10.00000	14.00000	22.00000	-1.2240 d
				6.0000	-8.00000	14.00000	22.00000	-1.0543 d
				8.0000	-6.00000	14.00000	22.00000	-0.38286 d
				10.000	-4.00000	14.00000	22.00000	0.58104 d
				12.000	-2.00000	14.00000	22.00000	1.9336 d
				14.000	0.00000	14.00000	22.00000	3.6948 d
				16.000	2.00000	14.00000	22.00000	5.8529 d
				18.000	4.00000	14.00000	22.00000	8.5323 d
				20.000	6.00000	14.00000	22.00000	14.157 d
5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000	-1.9788 d
				2.0031	43.00000	0.11111	20.00000	-1.7641 d
				4.0062	41.00000	0.22222	20.00000	-1.4564 d
				6.0093	39.00000	0.33333	20.00000	-1.2952 d
				8.0123	37.00000	0.44444	20.00000	-1.1383 d
				10.015	35.00000	0.55556	20.00000	-0.98745 d
				12.019	33.00000	0.66667	20.00000	-0.84337 d
				14.022	31.00000	0.77778	20.00000	-0.70588 d
				16.025	29.00000	0.88889	20.00000	-0.57460 d
				18.028	27.00000	1.00000	20.00000	-0.44928 d
6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000	-0.44928 d
				1.8409	26.83333	-0.83333	20.00000	-1.2349 d
				3.6818	26.66667	-2.66667	20.00000	-1.5642 d
				5.5227	26.50000	-4.50000	20.00000	-1.7017 d
				7.3636	26.33333	-6.33333	20.00000	-1.7456 d
				9.2045	26.16667	-8.16667	20.00000	-1.7530 d
				11.045	26.00000	-10.00000	20.00000	-1.7347 d
7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000	-1.7347 d
				1.7500	27.75000	-10.00000	20.00000	-1.7723 d
				3.5000	29.50000	-10.00000	20.00000	-1.8104 d
				5.2500	31.25000	-10.00000	20.00000	-1.8489 d
				7.0000	33.00000	-10.00000	20.00000	-1.8888 d
8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000	-1.8888 d
				1.9749	32.84375	-11.96875	20.00000	-1.8361 d
				3.9499	32.68750	-13.93750	20.00000	-1.7720 d
				5.9248	32.53125	-15.90625	20.00000	-1.7004 d
				7.8998	32.37500	-17.87500	20.00000	-1.6247 d
				9.8747	32.21875	-19.84375	20.00000	-1.5474 d
				11.850	32.06250	-21.81250	20.00000	-1.4702 d
				13.825	31.90625	-23.78125	20.00000	-1.3942 d
				15.800	31.75000	-25.75000	20.00000	-1.3205 d
				17.774	31.59375	-27.71875	20.00000	-1.2494 d
				19.749	31.43750	-29.68750	20.00000	-1.1814 d
				21.724	31.28125	-31.65625	20.00000	-1.1167 d
				23.699	31.12500	-33.62500	20.00000	-1.0553 d
				25.674	30.96875	-35.59375	20.00000	-0.99724 d
				27.649	30.81250	-37.56250	20.00000	-0.94246 d
				29.624	30.65625	-39.53125	20.00000	-0.89087 d
				31.599	30.50000	-41.50000	20.00000	-0.84235 d
				33.574	30.34375	-43.46875	20.00000	-0.79676 d
				35.549	30.18750	-45.43750	20.00000	-0.75397 d
				37.524	30.03125	-47.40625	20.00000	-0.71381 d
				39.499	29.87500	-49.37500	20.00000	-0.67613 d
				41.474	29.71875	-51.34375	20.00000	-0.64079 d
				43.449	29.56250	-53.31250	20.00000	-0.60764 d
				45.424	29.40625	-55.28125	20.00000	-0.57655 d
				47.399	29.25000	-57.25000	20.00000	-0.54737 d
				49.374	29.09375	-59.21875	20.00000	-0.51998 d
				51.348	28.93750	-61.18750	20.00000	-0.49427 d
				53.323	28.78125	-63.15625	20.00000	-0.47011 d
				55.298	28.62500	-65.12500	20.00000	-0.44741 d
				57.273	28.46875	-67.09375	20.00000	-0.42608 d
				59.248	28.31250	-69.06250	20.00000	-0.40600 d
				61.223	28.15625	-71.03125	20.00000	-0.38711 d
				63.198	28.00000	-73.00000	20.00000	-0.36932 d
9	Beaumont Court_5	Beaumont Court_5	0.0	0.0	28.00000	-73.00000	20.00000	-0.36932 d
				2.0069	30.00000	-73.16667	20.00000	-0.37193 d
				4.0139	32.00000	-73.33333	20.00000	-0.37436 d
				6.0208	34.00000	-73.50000	20.00000	-0.37661 d
				8.0277	36.00000	-73.66667	20.00000	-0.37869 d
				10.035	38.00000	-73.83333	20.00000	-0.38058 d
				12.042	40.00000	-74.00000	20.00000	-0.38229 d
10	Beaumont Court_6	Beaumont Court_6	0.0	0.0	40.00000	-74.00000	20.00000	-0.38229 d
				2.0046	40.13514	-72.00000	20.00000	-0.40117 d
				4.0091	40.27027	-70.00000	20.00000	-0.42124 d
				6.0137	40.40541	-68.00000	20.00000	-0.44260 d
				8.0182	40.54054	-66.00000	20.00000	-0.46534 d
				10.023	40.67568	-64.00000	20.00000	-0.48956 d
				12.027	40.81081	-62.00000	20.00000	-0.51539 d
				14.032	40.94595	-60.00000	20.00000	-0.54293 d
				16.036	41.08108	-58.00000	20.00000	-0.57233 d
				18.041	41.21622	-56.00000	20.00000	-0.60370 d
				20.046	41.35135	-54.00000	20.00000	-0.63721 d
				22.050	41.48649	-52.00000	20.00000	-0.67300 d
				24.055	41.62162	-50.00000	20.00000	-0.71125 d
				26.059	41.75676	-48.00000	20.00000	-0.75212 d
				28.064	41.89189	-46.00000	20.00000	-0.79580 d
				30.068	42.02703	-44.00000	20.00000	-0.84247 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[mm]	
					32.073	42.16216	-42.00000	20.00000	-0.89234	d
					34.078	42.29730	-40.00000	20.00000	-0.94559	d
					36.082	42.43243	-38.00000	20.0000	-1.0024	d
					38.087	42.56757	-36.00000	20.0000	-1.0630	d
					40.091	42.70270	-34.00000	20.0000	-1.1275	d
					42.096	42.83784	-32.00000	20.0000	-1.1960	d
					44.100	42.97297	-30.0000	20.0000	-1.2687	d
					46.105	43.10811	-28.00000	20.0000	-1.3456	d
					48.109	43.24324	-26.00000	20.0000	-1.4266	d
					50.114	43.37838	-24.00000	20.0000	-1.5116	d
					52.119	43.51351	-22.00000	20.0000	-1.6002	d
					54.123	43.64865	-20.00000	20.0000	-1.6918	d
					56.128	43.78378	-18.00000	20.0000	-1.7857	d
					58.132	43.91892	-16.00000	20.0000	-1.8804	d
					60.137	44.05405	-14.00000	20.0000	-1.9742	d
					62.141	44.18919	-12.00000	20.0000	-2.0645	d
					64.146	44.32432	-10.00000	20.0000	-2.1477	d
					66.150	44.45946	-8.000000	20.0000	-2.2188	d
					68.155	44.59459	-6.000000	20.0000	-2.2711	d
					70.160	44.72973	-4.000000	20.0000	-2.2948	d
					72.164	44.86486	-2.00000	20.0000	-2.2766	d
11		TP No.1_1		TP No.1_1	0.0	0.0	96.00000	-16.00000	0.88675	d
					1.8634	94.33333	-15.16667	20.0000	-1.9645	d
					3.7268	92.66667	-14.33333	20.0000	-1.9336	d
					5.5902	91.00000	-13.50000	20.0000	-1.9013	d
					7.4536	89.33333	-12.66667	20.0000	-1.8689	d
					9.3169	87.66667	-11.83333	20.0000	-1.8374	d
12		TP No.1_2		TP No.1_2	0.0	0.0	86.00000	-11.00000	-1.8079	d
					1.8634	85.16667	-12.66667	20.0000	-2.2035	d
					3.7268	84.33333	-14.33333	20.0000	-2.2575	d
					5.5902	83.50000	-16.00000	20.0000	-2.2554	d
					7.4536	82.66667	-17.66667	20.0000	-2.1517	d
					9.3169	81.83333	-19.33333	20.0000	-2.0457	d
13		TP No.1_3		TP No.1_3	0.0	0.0	81.00000	-21.00000	-1.9415	d
					2.0454	79.14286	-20.14286	20.0000	-1.9833	d
					4.0908	77.28571	-19.28571	20.0000	-2.0256	d
					6.1362	75.42857	-18.42857	20.0000	-2.0682	d
					8.1816	73.57143	-17.57143	20.0000	-2.1103	d
					10.227	71.71429	-16.71429	20.0000	-2.1529	d
					12.272	69.85714	-15.85714	20.0000	-2.1941	d
14		TP No.1_4		TP No.1_4	0.0	0.0	68.00000	-15.00000	-2.2340	d
					2.0900	67.16667	-16.91667	20.0000	-2.1086	d
					4.1800	66.33333	-18.83333	20.0000	-1.9866	d
					6.2700	65.50000	-20.75000	20.0000	-1.8693	d
					8.3600	64.66667	-22.66667	20.0000	-1.7575	d
					10.450	63.83333	-24.58333	20.0000	-1.6517	d
15		TP No.1_5		TP No.1_5	0.0	0.0	63.00000	-26.50000	-1.5520	d
					1.9699	64.76190	-27.38095	20.0000	-1.5198	d
					3.9397	66.52381	-28.26190	20.0000	-1.4873	d
					5.9096	68.28571	-29.14286	20.0000	-1.4548	d
					7.8795	70.04762	-30.02381	20.0000	-1.4223	d
					9.8493	71.80952	-30.90476	20.0000	-1.3900	d
					11.819	73.57143	-31.78571	20.0000	-1.3579	d
					13.789	75.33333	-32.66667	20.0000	-1.3263	d
					15.759	77.09524	-33.54762	20.0000	-1.2950	d
					17.729	78.85714	-34.42857	20.0000	-1.2643	d
					19.699	80.61905	-35.30952	20.0000	-1.2342	d
					21.669	82.38095	-36.19048	20.0000	-1.2047	d
					23.638	84.14286	-37.07143	20.0000	-1.1760	d
					25.608	85.90476	-37.95238	20.0000	-1.1480	d
					27.578	87.66667	-38.83333	20.0000	-1.1207	d
					29.548	89.42857	-39.71429	20.0000	-1.0943	d
					31.518	91.19048	-40.59524	20.0000	-1.0687	d
					33.488	92.95238	-41.47619	20.0000	-1.0438	d
					35.458	94.71429	-42.35714	20.0000	-1.0198	d
					37.428	96.47619	-43.23810	20.0000	-0.9963	d
					39.397	98.23810	-44.11905	20.0000	-0.9742	d
					41.367	100.00000	-45.00000	20.0000	-0.95258	d
16		TP No.1_6		TP No.1_6	0.0	0.0	100.00000	-45.00000	-0.95258	d
					2.0883	101.00000	-43.16667	20.0000	-1.0118	d
					4.1767	102.00000	-41.33333	20.0000	-1.0761	d
					6.2650	103.00000	-39.50000	20.0000	-1.1462	d
					8.3533	104.00000	-37.66667	20.0000	-1.2227	d
					10.442	105.00000	-35.83333	20.0000	-1.3063	d
17		TP No.1_7		TP No.1_7	0.0	0.0	106.00000	-34.00000	-1.2982	d
					2.0691	104.12500	-33.12500	20.0000	-1.3224	d
					4.1382	102.25000	-32.25000	20.0000	-1.3475	d
					6.2074	100.37500	-31.37500	20.0000	-1.3737	d
					8.2765	98.50000	-30.50000	20.0000	-1.4009	d
					10.346	96.62500	-29.62500	20.0000	-1.4292	d
					12.415	94.75000	-28.75000	20.0000	-1.4586	d
					14.484	92.87500	-27.87500	20.0000	-1.4890	d
18		TP No.1_8		TP No.1_8	0.0	0.0	91.00000	-27.00000	-1.5205	d
					2.0138	91.83333	-25.16667	20.0000	-1.5487	d
					4.0277	92.66667	-23.33333	20.0000	-1.5360	d
					6.0415	93.50000	-21.50000	20.0000	-1.3817	d
					8.0554	94.33333	-19.66667	20.0000	-0.75676	d
					10.069	95.16667	-17.83333	20.0000	0.0011527	d
19		TP No.2_1		TP No.2_1	0.0	0.0	148.00000	-41.00000	0.28651	d
					1.9906	146.20000	-40.15000	20.0000	0.29560	d
					3.9812	144.40000	-39.30000	20.0000	0.30400	d
					5.9718	142.60000	-38.45000	20.0000	0.31170	d
					7.9624	140.80000	-37.60000	20.0000	0.31874	d
					9.9530	139.00000	-36.75000	20.0000	0.32513	d
					11.944	137.20000	-35.90000	20.0000	0.33093	d
					13.934	135.40000	-35.05000	20.0000	0.33619	d
					15.925	133.60000	-34.20000	20.0000	0.34103	d
					17.915	131.80000	-33.35000	20.0000	0.34565	d
					19.906	130.00000	-32.50000	20.0000	0.35030	d
					21.897	128.20000	-31.65000	20.0000	0.35531	d
					23.887	126.40000	-30.80000	20.0000	0.36107	d
					25.878	124.60000	-29.95000	20.0000	0.36789	d
					27.868	122.80000	-29.10000	20.0000	0.37604	d
					29.859	121.00000	-28.25000	20.0000	0.38569	d
					31.850	119.20000	-27.40000	20.0000	0.39689	d
					33.840	117.40000	-26.55000	20.0000	0.40960	d
					35.831	115.60000	-25.70000	20.0000	0.42374	d
					37.821	113.80000	-24.85000	20.0000	0.43925	d
20		TP No.2_2		TP No.2_2	0.0	0.0	112.00000	-24.00000	0.59106	d
					2.0591	111.00000	-25.80000	20.0000	-0.33633	d
					4.1183	110.00000	-27.60000	20.0000	-0.99959	d
					6.1774	109.00000	-29.40000	20.0000	-1.2882	d
					8.2365	108.00000	-31.20000	20.0000	-1.3222	d
					10.296	107.00000	-33.00000	20.0000	-1.3038	d
21		TP No.2_3		TP No.2_3	0.0	0.0	107.00000	-33.00000	-1.3038	d
					1.9906	108.80000	-33.85000	20.0		



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[mm]	
						35.831	139.40000	-48.30000	20.00000	-0.92831 d
						37.821	141.20000	-49.15000	20.00000	-0.90918 d
						39.812	143.00000	-50.00000	20.00000	-1.0188 d
22		TP No.2_4		TP No.2_4	0.0	0.0	143.00000	-50.00000	20.00000	-1.0188 d
						2.0591	144.00000	-48.20000	20.00000	-0.85311 d
						4.1183	145.00000	-46.40000	20.00000	-0.82938 d
						6.1774	146.00000	-44.60000	20.00000	-0.74928 d
						8.2365	147.00000	-42.80000	20.00000	-0.45043 d
						10.296	148.00000	-41.00000	20.00000	0.28651 d
23		TP No.3_1		TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	-0.43200 d
						2.0396	198.16000	-54.12000	20.00000	-0.45911 d
						4.0792	196.32000	-53.24000	20.00000	-0.48812 d
						6.1188	194.48000	-52.36000	20.00000	-0.51912 d
						8.1584	192.64000	-51.48000	20.00000	-0.55215 d
						10.198	190.80000	-50.60000	20.00000	-0.58724 d
						12.238	188.96000	-49.72000	20.00000	-0.62436 d
						14.277	187.12000	-48.84000	20.00000	-0.59954 d
						16.317	185.28000	-47.96000	20.00000	-0.56790 d
						18.356	183.44000	-47.08000	20.00000	-0.54878 d
						20.396	181.60000	-46.20000	20.00000	-0.50728 d
						22.436	179.76000	-45.32000	20.00000	-0.41559 d
						24.475	177.92000	-44.44000	20.00000	-0.12515 d
						26.515	176.08000	-43.56000	20.00000	0.44184 d
						28.555	174.24000	-42.68000	20.00000	1.1002 d
						30.594	172.40000	-41.80000	20.00000	1.8291 d
						32.634	170.56000	-40.92000	20.00000	2.5846 d
						34.673	168.72000	-40.04000	20.00000	3.3297 d
						36.713	166.88000	-39.16000	20.00000	4.0232 d
						38.753	165.04000	-38.28000	20.00000	4.6238 d
						40.792	163.20000	-37.40000	20.00000	5.0943 d
						42.832	161.36000	-36.52000	20.00000	5.4045 d
						44.871	159.52000	-35.64000	20.00000	5.5397 d
						46.911	157.68000	-34.76000	20.00000	5.6195 d
						48.951	155.84000	-33.88000	20.00000	5.6905 d
						50.990	154.00000	-33.00000	20.00000	5.7484 d
24		TP No.3_2		TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	5.7484 d
						1.9166	153.14286	-34.71429	20.00000	4.4745 d
						3.8333	152.28571	-36.42857	20.00000	3.2749 d
						5.7499	151.42857	-38.14286	20.00000	2.1770 d
						7.6665	150.57143	-39.85714	20.00000	1.2024 d
						9.5831	149.71429	-41.57143	20.00000	0.36339 d
						11.500	148.85714	-43.28571	20.00000	-0.33882 d
						13.416	148.00000	-45.00000	20.00000	-0.69393 d
25		TP No.3_3		TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	-0.69393 d
						2.0227	149.84000	-45.84000	20.00000	-0.66941 d
						4.0453	151.68000	-46.68000	20.00000	-0.64484 d
						6.0680	153.52000	-47.52000	20.00000	-0.62017 d
						8.0907	155.36000	-48.36000	20.00000	-0.59560 d
						10.113	157.20000	-49.20000	20.00000	-0.57987 d
						12.136	159.04000	-50.04000	20.00000	-0.57523 d
						14.159	160.88000	-50.88000	20.00000	-0.57780 d
						16.181	162.72000	-51.72000	20.00000	-0.58329 d
						18.204	164.56000	-52.56000	20.00000	-0.58823 d
						20.227	166.40000	-53.40000	20.00000	-0.59136 d
						22.249	168.24000	-54.24000	20.00000	-0.59531 d
						24.272	170.08000	-55.08000	20.00000	-0.60819 d
						26.295	171.92000	-55.92000	20.00000	-0.64519 d
						28.317	173.76000	-56.76000	20.00000	-0.63675 d
						30.340	175.60000	-57.60000	20.00000	-0.60635 d
						32.363	177.44000	-58.44000	20.00000	-0.57686 d
						34.385	179.28000	-59.28000	20.00000	-0.54838 d
						36.408	181.12000	-60.12000	20.00000	-0.52098 d
						38.431	182.96000	-60.96000	20.00000	-0.49470 d
						40.453	184.80000	-61.80000	20.00000	-0.46958 d
						42.476	186.64000	-62.64000	20.00000	-0.44564 d
						44.499	188.48000	-63.48000	20.00000	-0.42286 d
						46.521	190.32000	-64.32000	20.00000	-0.40125 d
						48.544	192.16000	-65.16000	20.00000	-0.38078 d
						50.567	194.00000	-66.00000	20.00000	-0.36141 d
26		TP No.3_4		TP No.3_4	0.0	0.0	194.00000	-66.00000	20.00000	-0.36141 d
						2.0883	195.00000	-64.16667	20.00000	-0.37318 d
						4.1767	196.00000	-62.33333	20.00000	-0.38503 d
						6.2650	197.00000	-60.50000	20.00000	-0.39690 d
						8.3533	198.00000	-58.66667	20.00000	-0.40873 d
						10.442	199.00000	-56.83333	20.00000	-0.42045 d
27		Hospital No.1_1		Hospital No.1_1	0.0	12.530	200.00000	-55.00000	20.00000	-0.43200 d
						0.0	189.00000	-19.00000	19.00000	5.3969 d
						2.0000	189.00000	-21.00000	19.00000	5.2688 d
						4.0000	189.00000	-23.00000	19.00000	4.9683 d
						6.0000	189.00000	-25.00000	19.00000	4.5145 d
						8.0000	189.00000	-27.00000	19.00000	3.9354 d
						10.000	189.00000	-29.00000	19.00000	3.2666 d
						12.000	189.00000	-31.00000	19.00000	2.5472 d
28		Hospital No.1_2		Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	2.5472 d
						1.9474	190.94737	-31.00000	19.00000	1.8085 d
						3.8947	192.89474	-31.00000	19.00000	1.1014 d
						5.8421	194.84211	-31.00000	19.00000	0.45019 d
						7.7895	196.78947	-31.00000	19.00000	-0.13001 d
						9.7368	198.73684	-31.00000	19.00000	-0.40635 d
						11.684	200.68421	-31.00000	19.00000	-0.50075 d
						13.632	202.63158	-31.00000	19.00000	-0.54412 d
						15.579	204.57895	-31.00000	19.00000	-0.57278 d
						17.526	206.52632	-31.00000	19.00000	-0.63731 d
						19.474	208.47368	-31.00000	19.00000	-0.61069 d
						21.421	210.42105	-31.00000	19.00000	-0.57665 d
						23.368	212.36842	-31.00000	19.00000	-0.54448 d
						25.316	214.31579	-31.00000	19.00000	-0.51416 d
						27.263	216.26316	-31.00000	19.00000	-0.48563 d
						29.211	218.21053	-31.00000	19.00000	-0.45885 d
						31.158	220.15789	-31.00000	19.00000	-0.43373 d
						33.105	222.10526	-31.00000	19.00000	-0.41019 d
						35.053	224.05263	-31.00000	19.00000	-0.38815 d
						37.000	226.00000	-31.00000	19.00000	-0.36751 d
29		Hospital No.1_3		Hospital No.1_3	0.0	0				



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	dz					
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	5.3969 d					
						0.0	189.00000	37.00000	19.00000	4.4353 d					
						2.0000	189.00000	35.00000	19.00000	4.4752 d					
						4.0000	189.00000	33.00000	19.00000	4.5172 d					
						6.0000	189.00000	31.00000	19.00000	4.5581 d					
						8.0000	189.00000	29.00000	19.00000	4.5957 d					
						10.000	189.00000	27.00000	19.00000	4.6288 d					
						12.000	189.00000	25.00000	19.00000	4.6576 d					
						14.000	189.00000	23.00000	19.00000	4.6832 d					
						16.000	189.00000	21.00000	19.00000	4.7068 d					
						18.000	189.00000	19.00000	19.00000	4.7296 d					
						20.000	189.00000	17.00000	19.00000	4.7526 d					
						22.000	189.00000	15.00000	19.00000	4.7764 d					
						24.000	189.00000	13.00000	19.00000	4.8014 d					
						26.000	189.00000	11.00000	19.00000	4.8283 d					
						28.000	189.00000	9.00000	19.00000	4.8577 d					
30.000	189.00000	7.00000	19.00000	4.8898 d											
32.000	189.00000	5.00000	19.00000	4.9247 d											
34	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	0.0	189.00000	5.00000	19.00000	4.9247 d					
						2.0000	191.00000	5.00000	19.00000	3.7181 d					
						4.0000	193.00000	5.00000	19.00000	2.5734 d					
						6.0000	195.00000	5.00000	19.00000	1.5288 d					
						8.0000	197.00000	5.00000	19.00000	0.61141 d					
						10.000	199.00000	5.00000	19.00000	-0.16542 d					
						12.000	201.00000	5.00000	19.00000	-0.78953 d					
						14.000	203.00000	5.00000	19.00000	-0.90694 d					
						16.000	205.00000	5.00000	19.00000	-0.93832 d					
						18.000	207.00000	5.00000	19.00000	-0.93541 d					
						20.000	209.00000	5.00000	19.00000	-0.96723 d					
						22.000	211.00000	5.00000	19.00000	-0.91415 d					
						24.000	213.00000	5.00000	19.00000	-0.84912 d					
						26.000	215.00000	5.00000	19.00000	-0.78905 d					
						28.000	217.00000	5.00000	19.00000	-0.73369 d					
						30.000	219.00000	5.00000	19.00000	-0.68274 d					
32.000	221.00000	5.00000	19.00000	-0.63591 d											
34.000	223.00000	5.00000	19.00000	-0.59287 d											
36.000	225.00000	5.00000	19.00000	-0.55334 d											
35	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	0.0	225.00000	5.00000	19.00000	-0.55334 d					
						2.0000	225.00000	7.00000	19.00000	-0.55914 d					
						4.0000	225.00000	9.00000	19.00000	-0.56437 d					
						6.0000	225.00000	11.00000	19.00000	-0.56901 d					
						8.0000	225.00000	13.00000	19.00000	-0.57307 d					
						10.000	225.00000	15.00000	19.00000	-0.57654 d					
						12.000	225.00000	17.00000	19.00000	-0.57943 d					
						14.000	225.00000	19.00000	19.00000	-0.58174 d					
						16.000	225.00000	21.00000	19.00000	-0.58347 d					
						18.000	225.00000	23.00000	19.00000	-0.58465 d					
						20.000	225.00000	25.00000	19.00000	-0.58526 d					
						22.000	225.00000	27.00000	19.00000	-0.58533 d					
						24.000	225.00000	29.00000	19.00000	-0.58487 d					
						26.000	225.00000	31.00000	19.00000	-0.58389 d					
						28.000	225.00000	33.00000	19.00000	-0.58239 d					
						30.000	225.00000	35.00000	19.00000	-0.58040 d					
32.000	225.00000	37.00000	19.00000	-0.57792 d											
36	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0	0.0	225.00000	37.00000	19.00000	-0.57792 d					
						2.0000	223.00000	37.00000	19.00000	-0.62001 d					
						4.0000	221.00000	37.00000	19.00000	-0.66602 d					
						6.0000	219.00000	37.00000	19.00000	-0.71635 d					
						8.0000	217.00000	37.00000	19.00000	-0.77144 d					
						10.000	215.00000	37.00000	19.00000	-0.83176 d					
						12.000	213.00000	37.00000	19.00000	-0.89783 d					
						14.000	211.00000	37.00000	19.00000	-0.97017 d					
						16.000	209.00000	37.00000	19.00000	-1.0263 d					
						18.000	207.00000	37.00000	19.00000	-1.0084 d					
						20.000	205.00000	37.00000	19.00000	-1.0251 d					
						22.000	203.00000	37.00000	19.00000	-1.0088 d					
						24.000	201.00000	37.00000	19.00000	-0.90741 d					
						26.000	199.00000	37.00000	19.00000	-0.29338 d					
						28.000	197.00000	37.00000	19.00000	0.45056 d					
						30.000	195.00000	37.00000	19.00000	1.3223 d					
32.000	193.00000	37.00000	19.00000	2.3028 d											
34.000	191.00000	37.00000	19.00000	3.3572 d											
36.000	189.00000	37.00000	19.00000	4.4353 d											
37	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	0.0	0.0	189.00000	77.00000	19.00000	2.3039 d					
						1.9375	189.00000	75.06250	19.00000	2.6307 d					
						3.8750	189.00000	73.12500	19.00000	2.9676 d					
						5.8125	189.00000	71.18750	19.00000	3.3136 d					
						7.7500	189.00000	69.25000	19.00000	3.6669 d					
						9.6875	189.00000	67.31250	19.00000	4.0246 d					
						11.6250	189.00000	65.37500	19.00000	4.3761 d					
						13.563	189.00000	63.43750	19.00000	4.6084 d					
						15.500	189.00000	61.50000	19.00000	4.6737 d					
						17.438	189.00000	59.56250	19.00000	4.6167 d					
						19.375	189.00000	57.62500	19.00000	4.5575 d					
						21.313	189.00000	55.68750	19.00000	4.5033 d					
						23.250	189.00000	53.75000	19.00000	4.4559 d					
						25.188	189.00000	51.81250	19.00000	4.4164 d					
						27.125	189.00000	49.87500	19.00000	4.3858 d					
						29.063	189.00000	47.93750	19.00000	4.3647 d					
31.000	189.00000	46.00000	19.00000	4.3538 d											
38	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	0.0	0.0	189.00000	46.00000	19.00000	4.3538 d					
						1.8000	190.80000	46.00000	19.00000	3.4309 d					
						3.6000	192.60000	46.00000	19.00000	2.5059 d					
						5.4000	194.40000	46.00000	19.00000	1.6226 d					
						7.2000	196.20000	46.00000	19.00000	0.81281 d					
						9.0000	198.00000	46.00000	19.00000	0.097114 d					
39	Hospital No.3_3	Hospital No.3_3	Hospital No.3_3	Hospital No.3_3	0.0	0.0	198.00000	46.00000	19.00000	0.097114 d					
						1.8000	198.00000	47.80000	19.00000	0.11097 d					
						3.6000	198.00000	49.60000	19.00000	0.12727 d					
						5.4000	198.00000	51.40000	19.00000	0.14596 d					
						7.2000	198.00000	53.20000	19.00000	0.16701 d					
						9.0000	198.00000	55.00000	19.00000	0.19029 d					
40	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	Hospital No.3_4	0.0	0.0	198.00000	55.00000	19.00000	0.19029 d					
						2.0000	200.00000	55.00000	19.00000	-0.49213 d					
						4.0000	202.00000	55.00000	19.00000	-0.86358 d					
						6.0000	204.00000	55.00000	19.00000	-0.92312 d					
						8.0000	206.00000	55.00000	19.00000	-0.92229 d					
						10.000	208.00000	55.00000	19.00000	-0.91883 d					
						12.000	210.00000	55.00000	19.00000	-0.92803 d					
						14.000	212.00000	55.00000	19.00000	-0.85841 d					
						16.000	214.00000	55.00000	19.00000	-0.79512 d					
						18.000	216.00000	55.00000	19.00000	-0.73755 d					
						20.000	218.00000	55.00000	19.00000	-0.68513 d					
						22.000	220.00000	55.00000	19.00000	-0.63734 d					
41	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	0.0	24.000	222.00000	55.00000	19.00000	-0.59373 d					
						0.0	222.00000	55.00000	19.00000	-0.59373 d					
						1.8000	222.00000	53.20000	19.00000	-0.60040 d					
						3.6000	222.00000	51.40000	19.00000	-0.60669 d					
						5.4000	222.00000	49.60000	19.00000	-0.61259 d					
						7.2000	222.00000	47.80000	19.00000	-0.61810 d					
42	Hospital No.3_6	Hospital No.3_6	Hospital No.3_6	Hospital No.3_6	0.0	9.0000	222.00000	46.00000	19.00000	-0.62320 d					
						0.0	222.00000	46.00000	19.00000	-0.62320 d					
						2.0000	224.00000	46.00000	19.00000	-0.58081 d					
						4.0000	226.00000	46.00000	19.00000	-0.58203 d					
						6.0000	228.00000	46.00000	19.00000	-0.50651 d					
						8.0000	230.00000	46.00000	19.00000	-0.47395 d					
43	Hospital No.3_7	Hospital No.3_7	Hospital No.3_7	Hospital No.3_7	0.0	0.0	230.00000	46.00000	19.00000	-0.47395 d					
						1.9375	230.00000	47.93750	19.00000	-0.47009 d					
						3.8750	230.00000	49.87500	19.00000	-0.46591 d					
						5.8125	230.00000	51.81250	19.00000	-0.46143 d					
						7.7500	230.00000	53.75000	19.00000	-0.45664 d					
						9.6875	230.00000	55.68750	19.00000	-0.45156 d					
						11.625	230.00000	57.62500	19.00000	-0.44619 d					
						13.563	230.00000	59.56250	19.00000	-0.44055 d					
						15.500	230.00000	61.50000	19.00000	-0.43464 d					
						17.438	230.00000	63.43750	19.00000	-0.42847 d					
						19.375	230.00000	65.37500	19.00000	-0.42206 d					
						21.313	230.00000	67.31250	19.00000	-0.41542 d					
						23.250	230.00000	69.25000	19.00000	-0.40856 d					
						25.188	230.00000	71.18750	19.00000	-0.40150 d					
						27.125	230.00000	73.12500	19.00000	-0.39424 d					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

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]	
						29.063	230.00000	75.06250	19.00000	-0.38682	d
						31.000	230.00000	77.00000	19.00000	-0.37925	d
						0.0	230.00000	77.00000	19.00000	-0.37925	d
44		Hospital No.3_8	Hospital No.3_8	Hospital No.3_8	0.0	1.9524	228.04762	77.00000	19.00000	-0.40219	d
						3.9048	226.09524	77.00000	19.00000	-0.42699	d
						5.8571	224.14286	77.00000	19.00000	-0.45382	d
						7.8095	222.19048	77.00000	19.00000	-0.48290	d
						9.7619	220.23810	77.00000	19.00000	-0.51442	d
						11.714	218.28571	77.00000	19.00000	-0.54862	d
						13.667	216.33333	77.00000	19.00000	-0.58576	d
						15.619	214.38095	77.00000	19.00000	-0.62611	d
						17.571	212.42857	77.00000	19.00000	-0.66995	d
						19.524	210.47619	77.00000	19.00000	-0.71758	d
						21.476	208.52381	77.00000	19.00000	-0.76930	d
						23.429	206.57143	77.00000	19.00000	-0.82542	d
						25.381	204.61905	77.00000	19.00000	-0.88183	d
						27.333	202.66667	77.00000	19.00000	-0.90665	d
						29.286	200.71429	77.00000	19.00000	-0.90389	d
						31.238	198.76190	77.00000	19.00000	-0.76458	d
						33.190	196.80952	77.00000	19.00000	-0.65186	d
						35.143	194.85714	77.00000	19.00000	-0.085181	d
						37.095	192.90476	77.00000	19.00000	0.60203	d
						39.048	190.95238	77.00000	19.00000	1.4018	d
						41.000	189.00000	77.00000	19.00000	2.3039	d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Segment	Start [m]	Length [m]	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min
Damage Ref. of	Category	Building Ref.	Name		from Line for Vertical					Ratio	Horizontal Strain	Tensile Strain	of Horizontal Displacement	of Vertical Displacement	Radius
Curvature					Movement Calculations [m]		[m]	[m]		[%]	[%]	[%]	Displacement Curve	Curve	[m]
0	Base Model 1		Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	4.8266	None	0.018135	-0.036636	0.013388	910.83E-6	-0.0011167	
2115.9	0 (Negligible)					2	4.8266	4.7464	None	0.0094107	40.795E-6	0.0090640	-408.68E-9	-861.95E-6	
8860.9	0 (Negligible)					3	9.5730	10.620	Sagging	0.021841	41.147E-6	0.024805	-413.94E-9	-877.51E-6	
5379.6	0 (Negligible)					4	20.193	8.9766	Hogging	0.011911	41.583E-6	0.011515	-418.29E-9	586.66E-6	
9197.3	0 (Negligible)					5	29.169	5.8309	Sagging	0.076335	-0.098197	0.053738	0.0016176	0.0033323	
521.57	1 (Very Slight)					1	0.0	20.000	Hogging	0.026677	0.011004	0.040035	818.08E-6	0.0019183	
5425.4	0 (Negligible)		Canal Side Studios_3	Canal Side Studios_3	0.0	1	0.0	35.000	None	119.08E-6	0.0	167.98E-6	0.0	4.8253E-6	
2.6427E+6	0 (Negligible)		Canal Side Studios_4	Canal Side Studios_4	0.0	1	0.0	20.000	Hogging	0.030230	0.032635	0.065534	-524.96E-6	-0.0028118	
1126.7	1 (Very Slight)		Beaumont Court_1	Beaumont Court_1	0.0	1	0.0	2.7919	None	941.03E-6	931.03E-6	0.0014631	-30.022E-6	-153.61E-6	
26243.	0 (Negligible)					2	2.7919	15.236	None	628.12E-6	345.47E-6	963.20E-6	-30.022E-6	-153.61E-6	
78741.	0 (Negligible)		Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	11.045	None	0.0062127	0.014404	0.010908	-371.79E-6	426.58E-6	
6493.1	0 (Negligible)		Beaumont Court_3	Beaumont Court_3	0.0	1	0.0	7.0000	None	14.638E-6	0.0	14.198E-6	0.0	22.334E-6	
5.5732E+6	0 (Negligible)		Beaumont Court_4	Beaumont Court_4	0.0	1	0.0	9.9221	None	203.98E-6	0.0	192.94E-6	0.0	-39.153E-6	
290650.	0 (Negligible)					2	9.9221	53.276	None	425.28E-6	0.0	626.31E-6	0.0	-39.103E-6	
1.1738E+6	0 (Negligible)		Beaumont Court_5	Beaumont Court_5	0.0	1	0.0	12.042	None	6.6850E-6	0.0	6.1870E-6	0.0	1.3016E-6	
22.362E+6	0 (Negligible)		Beaumont Court_6	Beaumont Court_6	0.0	1	0.0	56.944	None	530.23E-6	0.0	766.65E-6	0.0	47.253E-6	
966470.	0 (Negligible)					2	56.944	17.225	None	0.0020427	0.0010426	0.0032410	-89.583E-6	-148.58E-6	
11849.	0 (Negligible)		TP No.1_1	TP No.1_1	0.0	1	0.0	5.9059	Hogging	0.033167	-0.0050113	0.031171	167.28E-6	0.0015304	
963.68	0 (Negligible)					2	5.9059	5.2744	None	29.394E-6	388.18E-6	398.00E-6	-3.8818E-6	-17.420E-6	
1.5986E+6	0 (Negligible)		TP No.1_2	TP No.1_2	0.0	1	0.0	9.0910	None	0.0045395	0.016959	0.019511	-370.98E-6	212.21E-6	
11803.	0 (Negligible)					2	9.0910	2.0893	None	9.1211E-6	0.0	9.1195E-6	0.0	-56.872E-6	
1.5219E+6	0 (Negligible)		TP No.1_3	TP No.1_3	0.0	1	0.0	5.8035	None	8.0044E-6	0.0	7.9036E-6	0.0	20.834E-6	
6.4342E+6	0 (Negligible)					2	5.8035	8.5143	None	22.107E-6	0.0	21.422E-6	0.0	20.834E-6	
2.7885E+6	0 (Negligible)		TP No.1_4	TP No.1_4	0.0	1	0.0	12.540	None	188.85E-6	0.0	176.49E-6	0.0	-60.004E-6	
713650.	0 (Negligible)		TP No.1_5	TP No.1_5	0.0	1	0.0	5.2243	None	2.9462E-6	0.0	2.8968E-6	0.0	-16.515E-6	
15.422E+6	0 (Negligible)					2	5.2243	36.143	None	78.882E-6	0.0	115.55E-6	0.0	-16.515E-6	
4.7686E+6	0 (Negligible)		TP No.1_6	TP No.1_6	0.0	1	0.0	6.8202	None	109.11E-6	0.0	106.89E-6	0.0	36.619E-6	
680670.	0 (Negligible)					2	6.8202	5.7097	None	979.94E-6	0.010137	0.010490	-277.07E-6	40.061E-6	
37431.	0 (Negligible)		TP No.1_7	TP No.1_7	0.0	1	0.0	16.553	None	50.948E-6	103.61E-6	151.81E-6	-1.0361E-6	15.226E-6	
3.9905E+6	0 (Negligible)		TP No.1_8	TP No.1_8	0.0	1	0.0	12.083	Hogging	0.0087533	0.037523	0.040859	-379.66E-6	-439.59E-6	
13469.	0 (Negligible)		TP No.2_1	TP No.2_1	0.0	1	0.0	17.517	None	32.917E-6	122.31E-6	154.82E-6	-1.2231E-6	-4.5668E-6	
5.7055E+6	0 (Negligible)					2	17.517	22.295	None	581.72E-6	122.31E-6	803.05E-6	-1.2231E-6	-76.262E-6	
23304.	0 (Negligible)		TP No.2_2	TP No.2_2	0.0	1	0.0	10.296	None	0.0080670	0.036935	0.042019	-369.21E-6	450.21E-6	
13417.	0 (Negligible)		TP No.2_3	TP No.2_3	0.0	1	0.0	39.812	None	311.07E-6	122.31E-6	587.76E-6	-1.2231E-6	55.080E-6	
24621.	0 (Negligible)		TP No.2_4	TP No.2_4	0.0	1	0.0	3.4203	None	0.0016346	0.036935	0.037291	-369.21E-6	-80.445E-6	
22151.	0 (Negligible)					2	3.4203	6.8754	None	0.0058141	0.036935	0.039445	-369.21E-6	-357.76E-6	
8607.9	0 (Negligible)		TP No.3_1	TP No.3_1	0.0	1	0.0	8.4196	None	50.647E-6	0.0	49.102E-6	0.0	17.204E-6	
2.0315E+6	0 (Negligible)					2	8.4196	23.629	Hogging	0.0067382	0.016062	0.020866	-230.32E-6	-370.40E-6	
19833.	0 (Negligible)					3	32.048	18.942	Sagging	0.0061486	-0.017156	0.0047163	479.77E-6	-370.40E-6	
26650.	0 (Negligible)		TP No.3_2	TP No.3_2	0.0	1	0.0	13.416	None	0.0064240	0.045590	0.050705	-568.12E-6	664.25E-6	
9197.6	1 (Very Slight)		TP No.3_3	TP No.3_3	0.0	1	0.0	4.0786	None	614.77E-9	73.299E-6	73.493E-6	-732.99E-9	-12.195E-6	
67.312E+6	0 (Negligible)					2	4.0786	12.103	None	280.53E-6	-0.0039199	798.69E-6	77.715E-6	-12.195E-6	
430450.	0 (Negligible)					3	16.181	2.5816	None	14.964E-6	357.17E-6	359.67E-6	27.419E-6	2.7179E-6	
4.9319E+6	0 (Negligible)					4	18.763	5.7455	None	138.89E-6	0.0058801	0.0059305	-110.89E-6	18.293E-6	
383170.	0 (Negligible)					5	24.508	7.5044	None	532.36E-6	0.0032236	0.0034734	-110.89E-6	18.293E-6	
184470.	0 (Negligible)					6	32.013	18.554	None	64.922E-6	0.0	66.984E-6	0.0	-14.579E-6	
3.4965E+6	0 (Negligible)		TP No.3_4	TP No.3_4	0.0	1	0.0	4.8750	None	964.06E-9	0.0	965.60E-9	0.0	5.6838E-6	
47.715E+6	0 (Negligible)					2	4.8750	7.6550	None	2.4880E-6	0.0	2.3961E-6	0.0	5.6838E-6	
22.485E+6	0 (Negligible)		Hospital No.1_1	Hospital No.1_1	0.0	1	0.0	12.000	None	0.0045140	-0.026375	0.0054830	503.48E-6	359.70E-6	
22555.	0 (Negligible)		Hospital No.1_2	Hospital No.1_2	0.0	1	0.0	21.810	Hogging	0.0071683	0.016058	0.026648	-272.96E-6	379.26E-6	
17845.	0 (Negligible)					2	21.810	15.190	None	82.940E-6	0.0	125.42E-6	0.0	-16.521E-6	
2.0625E+6	0 (Negligible)														



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage of Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient of	Max Gradient of Vertical	Min Radius
301.09E+6	0 (Negligible)	29	Hospital No.1_3	Hospital No.1_3	0.0	1	0.0	1.4517	None	0.0	0.0	35.763E-9	0.0	5.4809E-6	
11.409E+6	0 (Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	2	1.4517	20.548	None	12.070E-6	0.0	16.987E-6	0.0	5.4830E-6	
1.0576E+6	0 (Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	1	0.0	10.000	None	141.28E-6	0.0	214.61E-6	0.0	26.033E-6	
6.2464E+6	0 (Negligible)	32	Hospital No.1_6	Hospital No.1_6	0.0	1	0.0	23.000	Hogging	0.011596	0.036291	0.053612	-541.13E-6	-606.43E-6	
13034.1	(Very Slight)	33	Hospital No.2_1	Hospital No.2_1	0.0	1	0.0	3.1846	None	23.850E-6	378.69E-9	22.781E-6	-3.7870E-9	-20.990E-6	
1.4133E+6	0 (Negligible)	34	Hospital No.2_2	Hospital No.2_2	0.0	2	3.1846	14.678	None	155.38E-6	378.55E-9	236.00E-6	-3.7867E-9	-20.990E-6	
971800.0	(Negligible)	35	Hospital No.2_3	Hospital No.2_3	0.0	3	17.863	14.137	None	91.649E-6	378.33E-9	139.58E-6	-3.7845E-9	-17.494E-6	
1.3643E+6	0 (Negligible)	36	Hospital No.2_4	Hospital No.2_4	0.0	1	0.0	23.950	Hogging	0.011728	0.035913	0.053547	-568.76E-6	602.98E-6	
13017.1	(Very Slight)	37	Hospital No.3_1	Hospital No.3_1	0.0	2	23.950	12.050	None	154.71E-6	0.0	232.85E-6	0.0	-32.514E-6	
851970.0	(Negligible)	38	Hospital No.3_2	Hospital No.3_2	0.0	1	0.0	32.000	None	55.718E-6	0.0	61.619E-6	0.0	2.9008E-6	
6.8317E+6	0 (Negligible)	39	Hospital No.3_3	Hospital No.3_3	0.0	1	0.0	12.040	None	179.84E-6	0.0	270.62E-6	0.0	36.173E-6	
696540.0	(Negligible)	40	Hospital No.3_4	Hospital No.3_4	0.0	2	12.040	23.960	Hogging	0.011092	0.036095	0.052775	-569.38E-6	-538.77E-6	
13166.1	(Very Slight)	41	Hospital No.3_5	Hospital No.3_5	0.0	1	0.0	7.8915	None	231.96E-6	0.0070292	0.0073326	-71.349E-6	-184.63E-6	
362030.0	(Negligible)	42	Hospital No.3_6	Hospital No.3_6	0.0	2	7.8915	11.277	None	0.0042258	-0.023949	0.0050120	637.45E-6	-184.63E-6	
26164.0	(Negligible)	43	Hospital No.3_7	Hospital No.3_7	0.0	3	19.169	11.831	None	342.09E-6	378.95E-9	513.80E-6	-3.7906E-9	30.550E-6	
364430.0	(Negligible)	44	Hospital No.3_8	Hospital No.3_8	0.0	1	0.0	1.0706	None	0.0	0.057062	0.057062	-570.29E-6	513.58E-6	
249850.1	(Very Slight)	45	Hospital No.3_9	Hospital No.3_9	0.0	2	1.0706	6.1294	None	0.0011199	0.051602	0.052863	-570.29E-6	513.58E-6	
36479.1	(Very Slight)	46	Hospital No.3_10	Hospital No.3_10	0.0	1	1.8000	7.2000	None	64.546E-6	245.71E-9	80.574E-6	-2.4571E-9	-12.939E-6	
1.3356E+6	0 (Negligible)	47	Hospital No.3_11	Hospital No.3_11	0.0	1	0.0	15.450	None	0.0051262	0.027325	0.035064	-374.86E-6	341.09E-6	
12864.0	(Negligible)	48	Hospital No.3_12	Hospital No.3_12	0.0	2	15.450	8.5498	None	127.82E-6	0.0	173.70E-6	0.0	-31.644E-6	
700180.0	(Negligible)	49	Hospital No.3_13	Hospital No.3_13	0.0	1	0.0	9.0000	None	13.053E-6	0.0	18.132E-6	0.0	3.7045E-6	
8.0586E+6	0 (Negligible)	50	Hospital No.3_14	Hospital No.3_14	0.0	1	0.0	8.0000	None	81.495E-6	0.0	107.32E-6	0.0	-21.198E-6	
1.0799E+6	0 (Negligible)	51	Hospital No.3_15	Hospital No.3_15	0.0	1	0.0	3.1000	None	25.932E-6	0.0	29.290E-6	0.0	-3.9093E-6	
11.771E+6	0 (Negligible)	52	Hospital No.3_16	Hospital No.3_16	0.0	1	0.0	20.030	None	181.37E-6	0.0	257.60E-6	0.0	26.494E-6	
934800.0	(Negligible)	53	Hospital No.3_17	Hospital No.3_17	0.0	2	20.030	20.970	Hogging	0.0086914	0.026631	0.039345	-413.57E-6	-461.89E-6	
13929.0	(Negligible)	54	Hospital No.3_18	Hospital No.3_18	0.0	2	20.030	20.970	Hogging	0.0086914	0.026631	0.039345	-413.57E-6	-461.89E-6	
Tensile horizontal strains are +ve, compressive horizontal strains are -ve.															

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

Stage of Damage Ref.	Stage: Name Category	Specific Building: Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.076335	-0.098197	0.0033323	23.092	0.053738	0.0016176	0.0033323	9197.3	521.57
1	(Very Slight)	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.026677	0.011004	0.0019183	13.584	0.040035	818.08E-6	0.0019183	5425.4	-
0	(Negligible)	3	Canal Side Studios_3	Canal Side Studios_3	0.0	119.08E-6	0.0	4.8253E-6	1.2933	167.98E-6	0.0	4.8253E-6	-	-
0	(Negligible)	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.030230	0.032635	-0.0028118	14.157	0.065534	-524.96E-6	-0.0028118	1126.7	-
1	(Very Slight)	5	Beaumont Court_1	Beaumont Court_1	0.0	941.03E-6	931.03E-6	-153.61E-6	1.9788	0.0014631	-30.022E-6	-153.61E-6	-	-
0	(Negligible)	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0062127	0.014404	426.58E-6	1.7528	0.019098	-371.79E-6	426.58E-6	-	-
0	(Negligible)	7	Beaumont Court_3	Beaumont Court_3	0.0	14.638E-6	0.0	22.334E-6	1.8880	14.198E-6	0.0	22.334E-6	-	-
0	(Negligible)	8	Beaumont Court_4	Beaumont Court_4	0.0	425.28E-6	0.0	-39.153E-6	1.8880	626.31E-6	0.0	-39.153E-6	-	-
0	(Negligible)	9	Beaumont Court_5	Beaumont Court_5	0.0	6.6850E-6	0.0	1.3016E-6	0.38229	6.1870E-6	0.0	1.3016E-6	-	-
0	(Negligible)	10	Beaumont Court_6	Beaumont Court_6	0.0	0.0020427	0.0010426	-148.58E-6	2.2947	0.0032410	-89.583E-6	-148.58E-6	-	-
0	(Negligible)	11	TP No.1_1	TP No.1_1	0.0	0.033167	-0.0050113	0.0015304	1.9637	0.031171	167.28E-6	0.0015304	963.68	-
0	(Negligible)	12	TP No.1_2	TP No.1_2	0.0	0.0045395	0.016959	212.21E-6	2.3241	0.019511	-370.98E-6	212.21E-6	-	-
0	(Negligible)	13	TP No.1_3	TP No.1_3	0.0	22.107E-6	0.0	20.834E-6	2.2340	21.422E-6	0.0	20.834E-6	-	-
0	(Negligible)	14	TP No.1_4	TP No.1_4	0.0	188.85E-6	0.0	-60.004E-6	2.2340	176.49E-6	0.0	-60.004E-6	-	-
0	(Negligible)	15	TP No.1_5	TP No.1_5	0.0	78.882E-6	0.0	-16.515E-6	1.5520	115.55E-6	0.0	-16.515E-6	-	-
0	(Negligible)	16	TP No.1_6	TP No.1_6	0.0	979.94E-6	0.010137	40.061E-6	1.3063	0.010490	-277.07E-6	40.061E-6	-	-
0	(Negligible)	17	TP No.1_7	TP No.1_7	0.0	50.948E-6	103.61E-6	15.226E-6	1.5205	151.81E-6	-1.0361E-6	15.226E-6	-	-
0	(Negligible)	18	TP No.1_8	TP No.1_8	0.0	0.0087533	0.037523	-439.59E-6	1.5483	0.040859	-379.66E-6	-439.59E-6	13469.	-
0	(Negligible)	19	TP No.2_1	TP No.2_1	0.0	581.72E-6	122.31E-6	-76.262E-6	0.59106	803.05E-6	-1.2231E-6	-76.262E-6	-	-
0	(Negligible)	20	TP No.2_2	TP No.2_2	0.0	0.0080670	0.036935	450.21E-6	1.3218	0.042019	-369.21E-6	450.21E-6	-	-
0	(Negligible)	21	TP No.2_3	TP No.2_3	0.0	311.07E-6	122.31E-6	55.080E-6	1.3038	587.76E-6	-1.2231E-6	55.080E-6	-	-
0	(Negligible)	22	TP No.2_4	TP No.2_4	0.0	0.0058141	0.036935	-357.76E-6	1.0188	0.039445	-369.21E-6	-357.76E-6	-	-
0	(Negligible)	23	TP No.3_1	TP No.3_1	0.0	0.0067382	-0.017156	-370.40E-6	5.7484	0.020866	479.77E-6	-370.40E-6	19833.	26650.
0	(Negligible)	24	TP No.3_2	TP No.3_2	0.0	0.0064240	0.045590	664.25E-6	5.7484	0.050705	-568.12E-6	664.25E-6	-	-
1	(Very Slight)	25	TP No.3_3	TP No.3_3	0.0	532.36E-6	0.0058801	18.293E-6	0.69393	0.0059305	-110.89E-6	18.293E-6	-	-
0	(Negligible)	26	TP No.3_4	TP No.3_4	0.0	2.4880E-6	0.0	5.6838E-6	0.43200	2.3961E-6	0.0	5.6838E-6	-	-
0	(Negligible)	27	Hospital No.1_1	Hospital No.1_1	0.0	0.0045140	-0.026375	359.70E-6	5.3969	0.0054830	503.48E-6	359.70E-6	-	-
0	(Negligible)	28	Hospital No.1_2	Hospital No.1_2	0.0	0.0071683	0.016058	379.26E-6	2.5472	0.026648	-272.96E-6	379.26E-6	17845.	-
0	(Negligible)	29	Hospital No.1_3	Hospital No.1_3	0.0	12.070E-6	0.0	5.4830E-6	0.48021	16.987E-6	0.0	5.4830E-6	-	-
0	(Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	141.28E-6	0.0	26.033E-6	0.77446	214.61E-6	0.0	26.033E-6	-	-
0	(Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	14.928E-6	0.0	-10.276E-6	0.77446	21.565E-6	0.0	-10.276E-6	-	-
0	(Negligible)	32	Hospital No.1_6	Hospital No.1_6	0.0	0.011596	0.036291	-606.43E-6	5.3969	0.053612	-541.13E-6	-606.43E-6	13034.	-
1	(Very Slight)	33	Hospital No.2_1	Hospital No.2_1	0.0	155.38E-6	378.69E-9	-20.990E-6	4.9247	236.00E-6	-3.7870E-9	-20.990E-6	-	-
0	(Negligible)	34	Hospital No.2_2	Hospital No.2_2	0.0	0.011728	0.035913	602.98E-6	4.9247	0.053547	-568.76E-6	602.98E-6	13017.	-
1	(Very Slight)	35	Hospital No.2_3	Hospital No.2_3	0.0	55.718E-6	0.0	2.9008E-6	0.58533	61.619E-6	0.0	2.9008E-6	-	-
0	(Negligible)	36	Hospital No.2_4	Hospital No.2_4	0.0	0.011092	0.036095	-538.77E-6	4.4353	0.052775	-569.38E-6	-538.77E-6	13166.	-
1	(Very Slight)	37	Hospital No.3_1	Hospital No.3_1	0.0	0.0042258	-0.023949	-184.63E-6	4.6730	0.0073326	637.45E-6	-184.63E-6	-	-
0	(Negligible)	38	Hospital No.3_2	Hospital No.3_2	0.0	0.0042258	-0.023949	-184.63E-6	4.6730	0.0073326	637.45E-6	-184.63E-6	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name	Specific Category	Specific Building: Building Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature
1 (Very Slight)			38	Hospital No.3_2	Hospital No.3_2	0.0	0.0011199	0.057062	513.58E-6	4.3538	0.057062	-570.29E-6	513.58E-6	-	-
0 (Negligible)			39	Hospital No.3_3	Hospital No.3_3	0.0	64.546E-6	245.71E-9	-12.939E-6	0.19029	80.574E-6	-2.4571E-9	-12.939E-6	-	-
0 (Negligible)			40	Hospital No.3_4	Hospital No.3_4	0.0	0.0051262	0.027325	341.09E-6	0.92748	0.035064	-374.86E-6	341.09E-6	-	-
0 (Negligible)			41	Hospital No.3_5	Hospital No.3_5	0.0	13.053E-6	0.0	3.7045E-6	0.62320	18.132E-6	0.0	3.7045E-6	-	-
0 (Negligible)			42	Hospital No.3_6	Hospital No.3_6	0.0	81.495E-6	0.0	-21.198E-6	0.62320	107.32E-6	0.0	-21.198E-6	-	-
0 (Negligible)			43	Hospital No.3_7	Hospital No.3_7	0.0	25.932E-6	0.0	-3.9093E-6	0.47395	29.290E-6	0.0	-3.9093E-6	-	-
0 (Negligible)			44	Hospital No.3_8	Hospital No.3_8	0.0	0.0086914	0.026631	-461.89E-6	2.3039	0.039345	-413.57E-6	-461.89E-6	13929.	-

Specific Building Damage Results - Critical Segments within Each Building

Stage: Damage Ref.	Stage: Name	Specific Category	Specific Building: Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)
						Segment								
							[m]	[m]			[mm]	[%]		
0 (Very Slight)	Base Model	0		Canal Side Studios_1	Max Slope	Canal Side Studios_1	5	29.169	35.000	Sagging	0.0033323	20.489	0.053738	-
(Negligible)					Max Settlement	Canal Side Studios_1	3	9.5730	20.193	Sagging	877.51E-6	23.092	0.024805	-
(Very Slight)					Max Tensile Strain	Canal Side Studios_1	5	29.169	35.000	Sagging	0.0033323	20.489	0.053738	-
(Negligible)					Min Radius of Curvature (Hogging)	Canal Side Studios_1	4	20.193	29.169	Hogging	586.66E-6	21.224	0.011515	9197.3
(Very Slight)					Min Radius of Curvature (Sagging)	Canal Side Studios_1	5	29.169	35.000	Sagging	0.0033323	20.489	0.053738	-
(Negligible)		0		Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019183	13.584	0.040035	5425.4
(Negligible)					Max Settlement	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019183	13.584	0.040035	5425.4
(Negligible)					Max Tensile Strain	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019183	13.584	0.040035	5425.4
(Negligible)					Min Radius of Curvature (Hogging)	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0019183	13.584	0.040035	5425.4
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Canal Side Studios_3	Max Slope	Canal Side Studios_3	1	0.0	35.000	Sagging	4.8253E-6	1.2933	167.98E-6	-
(Negligible)					Max Settlement	Canal Side Studios_3	1	0.0	35.000	Sagging	4.8253E-6	1.2933	167.98E-6	-
(Negligible)					Max Tensile Strain	Canal Side Studios_3	1	0.0	35.000	Sagging	4.8253E-6	1.2933	167.98E-6	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Very Slight)		0		Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028118	14.157	0.065534	1126.7
(Very Slight)					Max Settlement	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028118	14.157	0.065534	1126.7
(Very Slight)					Max Tensile Strain	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028118	14.157	0.065534	1126.7
(Very Slight)					Min Radius of Curvature (Hogging)	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0028118	14.157	0.065534	1126.7
(Very Slight)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Beaumont Court_1	Max Slope	Beaumont Court_1	1	0.0	2.7919	Sagging	153.61E-6	1.9788	0.0014631	-
(Negligible)					Max Settlement	Beaumont Court_1	1	0.0	2.7919	Sagging	153.61E-6	1.9788	0.0014631	-
(Negligible)					Max Tensile Strain	Beaumont Court_1	1	0.0	2.7919	Sagging	153.61E-6	1.9788	0.0014631	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	11.045	Sagging	426.58E-6	1.7528	0.019098	-
(Negligible)					Max Settlement	Beaumont Court_2	1	0.0	11.045	Sagging	426.58E-6	1.7528	0.019098	-
(Negligible)					Max Tensile Strain	Beaumont Court_2	1	0.0	11.045	Sagging	426.58E-6	1.7528	0.019098	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Beaumont Court_3	Max Slope	Beaumont Court_3	1	0.0	7.0000	Sagging	22.334E-6	1.8880	14.198E-6	-
(Negligible)					Max Settlement	Beaumont Court_3	1	0.0	7.0000	Sagging	22.334E-6	1.8880	14.198E-6	-
(Negligible)					Max Tensile Strain	Beaumont Court_3	1	0.0	7.0000	Sagging	22.334E-6	1.8880	14.198E-6	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Beaumont Court_4	Max Slope	Beaumont Court_4	1	0.0	9.9221	Sagging	39.153E-6	1.8880	192.94E-6	-
(Negligible)					Max Settlement	Beaumont Court_4	1	0.0	9.9221	Sagging	39.153E-6	1.8880	192.94E-6	-
(Negligible)					Max Tensile Strain	Beaumont Court_4	2	9.9221	63.198	Sagging	39.103E-6	1.5455	626.31E-6	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Beaumont Court_5	Max Slope	Beaumont Court_5	1	0.0	12.042	Sagging	1.3016E-6	0.38229	6.1870E-6	-
(Negligible)					Max Settlement	Beaumont Court_5	1	0.0	12.042	Sagging	1.3016E-6	0.38229	6.1870E-6	-
(Negligible)					Max Tensile Strain	Beaumont Court_5	1	0.0	12.042	Sagging	1.3016E-6	0.38229	6.1870E-6	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		Beaumont Court_6	Max Slope	Beaumont Court_6	2	56.944	74.169	Sagging	148.58E-6	2.2947	0.0032410	-
(Negligible)					Max Settlement	Beaumont Court_6	2	56.944	74.169	Sagging	148.58E-6	2.2947	0.0032410	-
(Negligible)					Max Tensile Strain	Beaumont Court_6	2	56.944	74.169	Sagging	148.58E-6	2.2947	0.0032410	-
(Negligible)					Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		TP No.1_1	Max Slope	TP No.1_1	1	0.0	5.9059	Hogging	0.0015304	1.9637	0.031171	963.68
(Negligible)					Max Settlement	TP No.1_1	1	0.0	5.9059	Hogging	0.0015304	1.9637	0.031171	963.68
(Negligible)					Max Tensile Strain	TP No.1_1	1	0.0	5.9059	Hogging	0.0015304	1.9637	0.031171	963.68
(Negligible)					Min Radius of Curvature (Hogging)	TP No.1_1	1	0.0	5.9059	Hogging	0.0015304	1.9637	0.031171	963.68
(Negligible)					Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0		TP No.1_2	Max Slope	TP No.1_2	1	0.0	9.0910	Sagging	212.21E-6	2.3241	0.019511	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Segment	Critical Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature	Min Radius of Curvature
(Negligible)				Max Settlement	TP No.1_2	1	0.0	9.0910	Sagging	212.21E-6	2.3241	0.019511	-	11803.0
(Negligible)				Max Tensile Strain	TP No.1_2	1	0.0	9.0910	Sagging	212.21E-6	2.3241	0.019511	-	11803.0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_3	Max Slope	TP No.1_3	1	0.0	5.8035	Sagging	20.834E-6	2.0613	7.9036E-6	-	6.4342E+6.0
(Negligible)				Max Settlement	TP No.1_3	2	5.8035	14.318	Sagging	20.834E-6	2.2340	21.422E-6	-	2.7885E+6.0
(Negligible)				Max Tensile Strain	TP No.1_3	2	5.8035	14.318	Sagging	20.834E-6	2.2340	21.422E-6	-	2.7885E+6.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_4	Max Slope	TP No.1_4	1	0.0	12.540	Sagging	60.004E-6	2.2340	176.49E-6	-	713650.0
(Negligible)				Max Settlement	TP No.1_4	1	0.0	12.540	Sagging	60.004E-6	2.2340	176.49E-6	-	713650.0
(Negligible)				Max Tensile Strain	TP No.1_4	1	0.0	12.540	Sagging	60.004E-6	2.2340	176.49E-6	-	713650.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_5	Max Slope	TP No.1_5	1	0.0	5.2243	Sagging	16.515E-6	1.5520	2.8968E-6	-	15.422E+6.0
(Negligible)				Max Settlement	TP No.1_5	1	0.0	5.2243	Sagging	16.515E-6	1.5520	2.8968E-6	-	15.422E+6.0
(Negligible)				Max Tensile Strain	TP No.1_5	2	5.2243	41.367	Sagging	16.515E-6	1.4661	115.55E-6	-	4.7686E+6.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_6	Max Slope	TP No.1_6	2	6.8202	12.530	Sagging	40.061E-6	1.3063	0.010490	-	37431.0
(Negligible)				Max Settlement	TP No.1_6	2	6.8202	12.530	Sagging	40.061E-6	1.3063	0.010490	-	37431.0
(Negligible)				Max Tensile Strain	TP No.1_6	2	6.8202	12.530	Sagging	40.061E-6	1.3063	0.010490	-	37431.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_7	Max Slope	TP No.1_7	1	0.0	16.553	Sagging	15.226E-6	1.5205	151.81E-6	-	3.9905E+6.0
(Negligible)				Max Settlement	TP No.1_7	1	0.0	16.553	Sagging	15.226E-6	1.5205	151.81E-6	-	3.9905E+6.0
(Negligible)				Max Tensile Strain	TP No.1_7	1	0.0	16.553	Sagging	15.226E-6	1.5205	151.81E-6	-	3.9905E+6.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.1_8	Max Slope	TP No.1_8	1	0.0	12.083	Hogging	439.59E-6	1.5483	0.040859	13469.	-0
(Negligible)				Max Settlement	TP No.1_8	1	0.0	12.083	Hogging	439.59E-6	1.5483	0.040859	13469.	-0
(Negligible)				Max Tensile Strain	TP No.1_8	1	0.0	12.083	Hogging	439.59E-6	1.5483	0.040859	13469.	-0
(Negligible)				Min Radius of Curvature (Hogging)	TP No.1_8	1	0.0	12.083	Hogging	439.59E-6	1.5483	0.040859	13469.	-0
(Negligible)				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_1	Max Slope	TP No.2_1	2	17.517	39.812	Sagging	76.262E-6	0.59106	803.05E-6	-	23304.0
(Negligible)				Max Settlement	TP No.2_1	2	17.517	39.812	Sagging	76.262E-6	0.59106	803.05E-6	-	23304.0
(Negligible)				Max Tensile Strain	TP No.2_1	2	17.517	39.812	Sagging	76.262E-6	0.59106	803.05E-6	-	23304.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_2	Max Slope	TP No.2_2	1	0.0	10.296	Sagging	450.21E-6	1.3218	0.042019	-	13417.0
(Negligible)				Max Settlement	TP No.2_2	1	0.0	10.296	Sagging	450.21E-6	1.3218	0.042019	-	13417.0
(Negligible)				Max Tensile Strain	TP No.2_2	1	0.0	10.296	Sagging	450.21E-6	1.3218	0.042019	-	13417.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_3	Max Slope	TP No.2_3	1	0.0	39.812	Sagging	55.080E-6	1.3038	587.76E-6	-	24621.0
(Negligible)				Max Settlement	TP No.2_3	1	0.0	39.812	Sagging	55.080E-6	1.3038	587.76E-6	-	24621.0
(Negligible)				Max Tensile Strain	TP No.2_3	1	0.0	39.812	Sagging	55.080E-6	1.3038	587.76E-6	-	24621.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.2_4	Max Slope	TP No.2_4	2	3.4203	10.296	Sagging	357.76E-6	0.83742	0.039445	-	8607.9.0
(Negligible)				Max Settlement	TP No.2_4	1	0.0	3.4203	Sagging	80.445E-6	1.0188	0.037291	-	22151.0
(Negligible)				Max Tensile Strain	TP No.2_4	2	3.4203	10.296	Sagging	357.76E-6	0.83742	0.039445	-	8607.9.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.3_1	Max Slope	TP No.3_1	2	8.4196	32.048	Hogging	370.40E-6	2.3677	0.020866	19833.	-0
(Negligible)				Max Settlement	TP No.3_1	3	32.048	50.990	Sagging	370.40E-6	5.7484	0.0047163	-	26650.0
(Negligible)				Max Tensile Strain	TP No.3_1	2	8.4196	32.048	Hogging	370.40E-6	2.3677	0.020866	19833.	-0
(Negligible)				Min Radius of Curvature (Hogging)	TP No.3_1	2	8.4196	32.048	Hogging	370.40E-6	2.3677	0.020866	19833.	-0
(Negligible)				Min Radius of Curvature (Sagging)	TP No.3_1	3	32.048	50.990	Sagging	370.40E-6	5.7484	0.0047163	-	26650.0
(Negligible)		0	TP No.3_2	Max Slope	TP No.3_2	1	0.0	13.416	Sagging	664.25E-6	5.7484	0.050705	-	9197.6.1
(Very Slight)				Max Settlement	TP No.3_2	1	0.0	13.416	Sagging	664.25E-6	5.7484	0.050705	-	9197.6.1
(Very Slight)				Max Tensile Strain	TP No.3_2	1	0.0	13.416	Sagging	664.25E-6	5.7484	0.050705	-	9197.6.1
(Very Slight)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-
(Negligible)		0	TP No.3_3	Max Slope	TP No.3_3	4	18.763	24.508	Sagging	18.293E-6	0.61251	0.0059305	-	383170.0
(Negligible)				Max Settlement	TP No.3_3	1	0.0	4.0786	Sagging	12.195E-6	0.69393	73.493E-6	-	67.312E+6.0
(Negligible)				Max Tensile Strain	TP No.3_3	4	18.763	24.508	Sagging	18.293E-6	0.61251	0.0059305	-	383170.0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage:	Stage: Name	Specific	Specific Building:	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage Ref.	Category	Building: Ref.	Name		Segment					Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature
(Negligible)		0	TP No.3_4	Max Slope	TP No.3_4	1	0.0	4.8750	Sagging	5.6838E-6	0.38900	965.60E-9	- 47.715E+6 0
(Negligible)				Max Settlement	TP No.3_4	2	4.8750	12.530	Sagging	5.6838E-6	0.43200	2.3961E-6	- 22.485E+6 0
(Negligible)				Max Tensile Strain	TP No.3_4	2	4.8750	12.530	Sagging	5.6838E-6	0.43200	2.3961E-6	- 22.485E+6 0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.1_1	Max Slope	Hospital No.1_1	1	0.0	12.000	Sagging	359.70E-6	5.3969	0.0054830	- 22555. 0
(Negligible)				Max Settlement	Hospital No.1_1	1	0.0	12.000	Sagging	359.70E-6	5.3969	0.0054830	- 22555. 0
(Negligible)				Max Tensile Strain	Hospital No.1_1	1	0.0	12.000	Sagging	359.70E-6	5.3969	0.0054830	- 22555. 0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.1_2	Max Slope	Hospital No.1_2	1	0.0	21.810	Hogging	379.26E-6	2.5472	0.026648	17845. - 0
(Negligible)				Max Settlement	Hospital No.1_2	1	0.0	21.810	Hogging	379.26E-6	2.5472	0.026648	17845. - 0
(Negligible)				Max Tensile Strain	Hospital No.1_2	1	0.0	21.810	Hogging	379.26E-6	2.5472	0.026648	17845. - 0
(Negligible)				Min Radius of Curvature (Hogging)	Hospital No.1_2	1	0.0	21.810	Hogging	379.26E-6	2.5472	0.026648	17845. - 0
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.1_3	Max Slope	Hospital No.1_3	2	1.4517	22.000	Sagging	5.4830E-6	0.48201	16.987E-6	- 11.409E+6 0
(Negligible)				Max Settlement	Hospital No.1_3	2	1.4517	22.000	Sagging	5.4830E-6	0.48201	16.987E-6	- 11.409E+6 0
(Negligible)				Max Tensile Strain	Hospital No.1_3	2	1.4517	22.000	Sagging	5.4830E-6	0.48201	16.987E-6	- 11.409E+6 0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.1_4	Max Slope	Hospital No.1_4	1	0.0	14.000	Sagging	26.033E-6	0.77446	214.61E-6	- 1.0576E+6 0
(Negligible)				Max Settlement	Hospital No.1_4	1	0.0	14.000	Sagging	26.033E-6	0.77446	214.61E-6	- 1.0576E+6 0
(Negligible)				Max Tensile Strain	Hospital No.1_4	1	0.0	14.000	Sagging	26.033E-6	0.77446	214.61E-6	- 1.0576E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.1_5	Max Slope	Hospital No.1_5	1	0.0	10.000	Sagging	10.276E-6	0.77446	21.565E-6	- 6.2464E+6 0
(Negligible)				Max Settlement	Hospital No.1_5	1	0.0	10.000	Sagging	10.276E-6	0.77446	21.565E-6	- 6.2464E+6 0
(Negligible)				Max Tensile Strain	Hospital No.1_5	1	0.0	10.000	Sagging	10.276E-6	0.77446	21.565E-6	- 6.2464E+6 0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Very Slight)		0	Hospital No.1_6	Max Slope	Hospital No.1_6	1	0.0	23.000	Hogging	606.43E-6	5.3969	0.053612	13034. - 1
(Very Slight)				Max Settlement	Hospital No.1_6	1	0.0	23.000	Hogging	606.43E-6	5.3969	0.053612	13034. - 1
(Very Slight)				Max Tensile Strain	Hospital No.1_6	1	0.0	23.000	Hogging	606.43E-6	5.3969	0.053612	13034. - 1
(Very Slight)				Min Radius of Curvature (Hogging)	Hospital No.1_6	1	0.0	23.000	Hogging	606.43E-6	5.3969	0.053612	13034. - 1
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.2_1	Max Slope	Hospital No.2_1	1	0.0	3.1846	Sagging	20.990E-6	4.5001	22.781E-6	- 1.4133E+6 0
(Negligible)				Max Settlement	Hospital No.2_1	3	17.863	32.000	Sagging	17.494E-6	4.9247	139.58E-6	- 1.3643E+6 0
(Negligible)				Max Tensile Strain	Hospital No.2_1	2	3.1846	17.863	Sagging	20.990E-6	4.7281	236.00E-6	- 971800. 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Very Slight)		0	Hospital No.2_2	Max Slope	Hospital No.2_2	1	0.0	23.950	Hogging	602.98E-6	4.9247	0.053547	13017. - 1
(Very Slight)				Max Settlement	Hospital No.2_2	1	0.0	23.950	Hogging	602.98E-6	4.9247	0.053547	13017. - 1
(Very Slight)				Max Tensile Strain	Hospital No.2_2	1	0.0	23.950	Hogging	602.98E-6	4.9247	0.053547	13017. - 1
(Very Slight)				Min Radius of Curvature (Hogging)	Hospital No.2_2	1	0.0	23.950	Hogging	602.98E-6	4.9247	0.053547	13017. - 1
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.2_3	Max Slope	Hospital No.2_3	1	0.0	32.000	Sagging	2.9008E-6	0.58533	61.619E-6	- 6.8317E+6 0
(Negligible)				Max Settlement	Hospital No.2_3	1	0.0	32.000	Sagging	2.9008E-6	0.58533	61.619E-6	- 6.8317E+6 0
(Negligible)				Max Tensile Strain	Hospital No.2_3	1	0.0	32.000	Sagging	2.9008E-6	0.58533	61.619E-6	- 6.8317E+6 0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Very Slight)		0	Hospital No.2_4	Max Slope	Hospital No.2_4	2	12.040	36.000	Hogging	538.77E-6	4.4353	0.052775	13166. - 1
(Very Slight)				Max Settlement	Hospital No.2_4	2	12.040	36.000	Hogging	538.77E-6	4.4353	0.052775	13166. - 1
(Very Slight)				Max Tensile Strain	Hospital No.2_4	2	12.040	36.000	Hogging	538.77E-6	4.4353	0.052775	13166. - 1
(Very Slight)				Min Radius of Curvature (Hogging)	Hospital No.2_4	2	12.040	36.000	Hogging	538.77E-6	4.4353	0.052775	13166. - 1
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_1	Max Slope	Hospital No.3_1	1	0.0	7.8915	Sagging	184.63E-6	3.6930	0.0073326	- 362030. 0
(Negligible)				Max Settlement	Hospital No.3_1	2	7.8915	19.169	Sagging	184.63E-6	4.6730	0.0050120	- 26164. 0
(Negligible)				Max Tensile Strain	Hospital No.3_1	1	0.0	7.8915	Sagging	184.63E-6	3.6930	0.0073326	- 362030. 0
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Very Slight)		0	Hospital No.3_2	Max Slope	Hospital No.3_2	2	1.0706	7.2000	Sagging	513.58E-6	3.8049	0.052863	- 36479. 1
(Very Slight)				Max Settlement	Hospital No.3_2	1	0.0	1.0706	Sagging	512.43E-6	4.3538	0.057062	- 249850. 1
(Very Slight)				Max Tensile Strain	Hospital No.3_2	1	0.0	1.0706	Sagging	512.43E-6	4.3538	0.057062	- 249850. 1
-				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_3	Max Slope	Hospital No.3_3	1	1.8000	9.0000	Sagging	12.939E-6	0.19029	80.574E-6	- 1.3356E+6 0
(Negligible)				Max Settlement	Hospital No.3_3	1	1.8000	9.0000	Sagging	12.939E-6	0.19029	80.574E-6	- 1.3356E+6 0
(Negligible)				Max Tensile Strain	Hospital No.3_3	1	1.8000	9.0000	Sagging	12.939E-6	0.19029	80.574E-6	- 1.3356E+6 0
(Negligible)				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Stage:	Stage: Name	Specific	Specific Building:	Parameter	Critical Sub-Building	Critical Start	End	Curvature	Max Slope	Max	Max	Max	Min	Min
Damage Ref.	Category	Building: Ref.	Name		Segment					Settlement	Tensile Strain	Radius of Curvature	Radius of Curvature	
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-														
(Negligible)		0	Hospital No.3_4	Max Slope	Hospital No.3_4	1	0.0	15.450	Sagging	341.09E-6	0.92748	0.035064	-	12864. 0
(Negligible)				Max Settlement	Hospital No.3_4	1	0.0	15.450	Sagging	341.09E-6	0.92748	0.035064	-	12864. 0
(Negligible)				Max Tensile Strain	Hospital No.3_4	1	0.0	15.450	Sagging	341.09E-6	0.92748	0.035064	-	12864. 0
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-														
(Negligible)		0	Hospital No.3_5	Max Slope	Hospital No.3_5	1	0.0	9.0000	Sagging	3.7045E-6	0.62320	18.132E-6	-	8.0586E+6 0
(Negligible)				Max Settlement	Hospital No.3_5	1	0.0	9.0000	Sagging	3.7045E-6	0.62320	18.132E-6	-	8.0586E+6 0
(Negligible)				Max Tensile Strain	Hospital No.3_5	1	0.0	9.0000	Sagging	3.7045E-6	0.62320	18.132E-6	-	8.0586E+6 0
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-														
(Negligible)		0	Hospital No.3_6	Max Slope	Hospital No.3_6	1	0.0	8.0000	Sagging	21.198E-6	0.62320	107.32E-6	-	1.0799E+6 0
(Negligible)				Max Settlement	Hospital No.3_6	1	0.0	8.0000	Sagging	21.198E-6	0.62320	107.32E-6	-	1.0799E+6 0
(Negligible)				Max Tensile Strain	Hospital No.3_6	1	0.0	8.0000	Sagging	21.198E-6	0.62320	107.32E-6	-	1.0799E+6 0
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-														
(Negligible)		0	Hospital No.3_7	Max Slope	Hospital No.3_7	1	0.0	31.000	Sagging	3.9093E-6	0.47395	29.290E-6	-	11.771E+6 0
(Negligible)				Max Settlement	Hospital No.3_7	1	0.0	31.000	Sagging	3.9093E-6	0.47395	29.290E-6	-	11.771E+6 0
(Negligible)				Max Tensile Strain	Hospital No.3_7	1	0.0	31.000	Sagging	3.9093E-6	0.47395	29.290E-6	-	11.771E+6 0
-				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
-														
(Negligible)		0	Hospital No.3_8	Max Slope	Hospital No.3_8	2	20.030	41.000	Hogging	461.89E-6	2.3039	0.039345	13929.	- 0
(Negligible)				Max Settlement	Hospital No.3_8	2	20.030	41.000	Hogging	461.89E-6	2.3039	0.039345	13929.	- 0
(Negligible)				Max Tensile Strain	Hospital No.3_8	2	20.030	41.000	Hogging	461.89E-6	2.3039	0.039345	13929.	- 0
(Negligible)				Min Radius of Curvature (Hogging)	Hospital No.3_8	2	20.030	41.000	Hogging	461.89E-6	2.3039	0.039345	13929.	- 0
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Displacement Results - Displacement Lines

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δs //	Δs perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
0	Base Model 1		Canal Side Studios_1	0.0	6.00000	14.00000	22.00000	6.5270	1.9491	17.456	1.9491	-6.5270	90.000
				1.9444	6.00000	15.94444	22.00000	8.4606	0.17967	20.121	0.17967	-8.4606	90.000
				3.8889	6.00000	17.88889	22.00000	8.4978	0.18046	20.762	0.18046	-8.4978	90.000
				5.8333	6.00000	19.83333	22.00000	8.5350	0.18125	21.438	0.18125	-8.5350	90.000
				7.7778	6.00000	21.77778	22.00000	8.5724	0.18204	22.818	0.18204	-8.5724	90.000
				9.7222	6.00000	23.72222	22.00000	8.6098	0.18284	25.197	0.18284	-8.6098	90.000
				11.667	6.00000	25.66667	22.00000	8.6473	0.18364	27.611	0.18364	-8.6473	90.000
				13.611	6.00000	27.61111	22.00000	8.6849	0.18443	28.765	0.18443	-8.6849	90.000
				15.556	6.00000	29.55556	22.00000	8.7225	0.18523	28.838	0.18523	-8.7225	90.000
				17.500	6.00000	31.50000	22.00000	8.7603	0.18603	28.118	0.18603	-8.7603	90.000
				19.444	6.00000	33.44444	22.00000	8.7981	0.18684	26.682	0.18684	-8.7981	90.000
				21.389	6.00000	35.38889	22.00000	8.8360	0.18764	25.088	0.18764	-8.8360	90.000
				23.333	6.00000	37.33333	22.00000	8.8740	0.18845	23.888	0.18845	-8.8740	90.000
				25.278	6.00000	39.27778	22.00000	8.9121	0.18926	23.386	0.18926	-8.9121	90.000
				27.222	6.00000	41.22222	22.00000	8.9502	0.19007	23.544	0.19007	-8.9502	90.000
				29.167	6.00000	43.16667	22.00000	8.9884	0.19088	24.393	0.19088	-8.9884	90.000
				31.111	6.00000	45.11111	22.00000	9.0267	0.19169	25.927	0.19169	-9.0267	90.000
				33.056	6.00000	47.05556	22.00000	5.8175	-2.9486	25.663	-2.9486	-5.8175	90.000
				35.000	6.00000	49.00000	22.00000	2.2007	-5.5348	17.418	-5.5348	-2.2007	90.000
2			Canal Side Studios_2	0.0	4.00000	49.00000	22.00000	3.8355	-2.9851	17.418	-2.9851	5.5348	180.000
				2.0000	4.00000	49.00000	22.00000	3.8355	-2.9855	12.160	-3.8355	2.9855	180.000
				4.0000	2.00000	49.00000	22.00000	4.0090	-1.7143	7.8725	-4.0090	1.7143	180.000
				6.0000	0.00000	49.00000	22.00000	3.5840	-1.0333	4.9667	-3.5840	1.0333	180.000
				8.0000	-2.00000	49.00000	22.00000	2.9103	-0.62661	2.8222	-2.9103	0.62661	180.000
				10.000	-4.00000	49.00000	22.00000	2.1154	-0.36128	1.2086	-2.1154	0.36128	180.000
				12.000	-6.00000	49.00000	22.00000	1.4250	-0.20081	0.049257	-1.4250	0.20081	180.000
				14.000	-8.00000	49.00000	22.00000	0.80587	-0.096336	-0.75806	-0.80587	0.096336	180.000
				16.000	-10.00000	49.00000	22.00000	0.15972	-0.016532	-1.1844	-0.15972	0.016532	180.000
				18.000	-12.00000	49.00000	22.00000	0.0	0.0	-1.3081	0.0	0.0	180.000
				20.000	-14.00000	49.00000	22.00000	0.0	0.0	-1.3514	0.0	0.0	180.000
3			Canal Side Studios_3	0.0	-14.00000	49.00000	22.00000	0.0	0.0	-1.3514	0.0	0.0	270.000
				1.9444	-14.00000	47.05556	22.00000	0.0	0.0	-1.3522	0.0	0.0	270.000
				3.8889	-14.00000	45.11111	22.00000	0.0	0.0	-1.3540	0.0	0.0	270.000
				5.8333	-14.00000	43.16667	22.00000	0.0	0.0	-1.3568	0.0	0.0	270.000
				7.7778	-14.00000	41.22222	22.00000	0.0	0.0	-1.3605	0.0	0.0	270.000
				9.7222	-14.00000	39.27778	22.00000	0.0	0.0	-1.3647	0.0	0.0	270.000
				11.667	-14.00000	37.33333	22.00000	0.0	0.0	-1.3692	0.0	0.0	270.000
				13.611	-14.00000	35.38889	22.00000	0.0	0.0	-1.3736	0.0	0.0	270.000
				15.556	-14.00000	33.44444	22.00000	0.0	0.0	-1.3777	0.0	0.0	270.000
				17.500	-14.00000	31.50000	22.00000	0.0	0.0	-1.3817	0.0	0.0	270.000
				19.444	-14.00000	29.55556	22.00000	0.0	0.0	-1.3857	0.0	0.0	270.000
				21.389	-14.00000	27.61111	22.00000	0.0	0.0	-1.3897	0.0	0.0	270.000
				23.333	-14.00000	25.66667	22.00000	0.0	0.0	-1.3939	0.0	0.0	270.000
				25.278	-14.00000	23.72222	22.00000	0.0	0.0	-1.3984	0.0	0.0	270.000
				27.222	-14.00000	21.77778	22.00000	0.0	0.0	-1.4028	0.0	0.0	270.000
				29.167	-14.00000	19.83333	22.00000	0.0	0.0	-1.4081	0.0	0.0	270.000
				31.111	-14.00000	17.88889	22.00000	0.0	0.0	-1.4131	0.0	0.0	270.000
				33.056	-14.00000	15.94444	22.00000	0.0	0.0	-1.4177	0.0	0.0	270.000
				35.000	-14.00000	14.00000	22.00000	0.0	0.0	-1.4216	0.0	0.0	270.000
4			Canal Side Studios_4	0.0	0.00000	49.00000	22.00000	0.0	0.0	-1.4216	0.0	0.0	270.000
				2.0000	-12.00000	14.00000	22.00000	0.0	0.0	-1.3929	0.0	0.0	0.0
				4.0000	-10.00000	14.00000	22.00000	0.0017685	60.569E-6	-1.3202	0.0017685	60.569E-6	0.0
				6.0000	-8.00000	14.00000	22.00000	0.73877	0.027827	-1.0989	0.73877	0.027827	0.0
				8.0000	-6.00000	14.00000	22.00000	1.4692	0.061841	-0.35601	1.4692	0.061841	0.0
				10.000	-4.00000	14.00000	22.00000	2.1897	0.10522	0.10833	2.1897	0.10522	0.0
				12.000	-2.00000	14.00000	22.00000	3.2402	0.18309	2.2061	3.2402	0.18309	0.0
				14.000	0.00000	14.00000	22.00000	4.2827	0.29736	4.1866	4.2827	0.29736	0.0
				16.000	2.00000	14.00000	22.00000	5.3100	0.48657	6.7032	5.3100	0.48657	0.0
				18.000	4.00000	14.00000	22.00000	6.2339	0.86336	10.068	6.2339	0.86336	0.0
				20.000	6.00000	14.00000	22.00000	6.5270	1.9491	17.456	6.5270	1.9491	0.0
5			Beaumont Court_1	0.0	45.00000	0.00000	20.00000	0.0	0.18000	-3.0672	0.0099846	-0.17972	176.82
				2.0031	43.00000	0.11111	20.00000	0.0	0.22167	-2.7566	0.012296	-0.22133	176.82
				4.0062	41.00000	0.22222	20.00000	0.0	0.3058	-2.3522	0.072435	-1.3038	176.82
				6.0093	39.00000	0.33333	20.00000	0.0	0.3475	-2.0954	0.074746	-1.3454	176.82
				8.0123	37.00000	0.44444	20.00000	0.0	0.3892	-1.8460	0.070571	-1.3870	176.82
				10.015	35.00000	0.55556	20.00000	0.0	0.4308	-1.6069	0.079368	-1.4286	176.82
				12.019	33.00000	0.66667	20.00000	0.0	0.4725	-1.3793	0.081680	-1.4702	176.82
				14.022	31.00000	0.77778	20.00000	0.0	0.5142	-1.1631	0.083991	-1.5118	176.82
				16.025	29.00000	0.88889	20.00000	0.0	0.5558	-0.95792	0.086302	-1.5534	176.82
				18.028	27.00000	1.00000	20.00000	0.0	0.5975	-0.76322	0.088613	-1.5950	176.82
6			Beaumont Court_2	0.0	27.00000	1.00000	20.00000	0.0	0.15975	-0.76322	-1.5909	-0.14463	264.81
				1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-1.6472	-0.90626	-0.082388	264.81
				3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-2.0471	-0.22159	-0.020144	264.81
				5.522722									



RSK ENVIRONMENT LIMITED

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δy:perp.	Angle
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	-1.2082	0.0	86.135 *
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	-1.2639	0.0	86.135 *
					24.055	41.62162	-50.00000	20.00000	0.0	0.0	-1.3226	0.0	86.135 *
					26.059	41.75676	-48.00000	20.00000	0.0	0.0	-1.3846	0.0	86.135 *
					28.064	41.89189	-46.00000	20.00000	0.0	0.0	-1.4501	0.0	86.135 *
					30.068	42.02703	-44.00000	20.00000	0.0	0.0	-1.5192	0.0	86.135 *
					32.073	42.16216	-42.00000	20.00000	0.0	0.0	-1.5922	0.0	86.135 *
					34.078	42.29730	-40.00000	20.00000	0.0	0.0	-1.6692	0.0	86.135 *
					36.082	42.43243	-38.00000	20.00000	0.0	0.0	-1.7504	0.0	86.135 *
					38.087	42.56757	-36.00000	20.00000	0.0	0.0	-1.8358	0.0	86.135 *
					40.091	42.70270	-34.00000	20.00000	0.0	0.0	-1.9257	0.0	86.135 *
					42.096	42.83784	-32.00000	20.00000	0.0	0.0	-2.0202	0.0	86.135 *
					44.100	42.97297	-30.00000	20.00000	0.0	0.0	-2.1191	0.0	86.135 *
					46.105	43.10811	-28.00000	20.00000	0.0	0.0	-2.2224	0.0	86.135 *
					48.109	43.24324	-26.00000	20.00000	0.0	0.0	-2.3300	0.0	86.135 *
					50.114	43.37838	-24.00000	20.00000	0.0	0.0	-2.4415	0.0	86.135 *
					52.119	43.51351	-22.00000	20.00000	0.0	0.0	-2.5564	0.0	86.135 *
					54.123	43.64865	-20.00000	20.00000	0.0	0.0	-2.6739	0.0	86.135 *
					56.128	43.78378	-18.00000	20.00000	0.0	0.0	-2.7927	0.0	86.135 *
					58.132	43.91892	-16.00000	20.00000	0.0	0.0	-2.9113	0.0	86.135 *
					60.137	44.05405	-14.00000	20.00000	0.0	0.0	-3.0273	0.0	86.135 *
					62.141	44.18919	-12.00000	20.00000	0.0	0.0	-3.1376	0.0	86.135 *
					64.146	44.32432	-10.00000	20.00000	0.0	0.0	-3.2379	0.0	86.135 *
					66.150	44.45946	-8.00000	20.00000	0.0	0.0	-3.3222	0.0	86.135 *
					68.155	44.59459	-6.00000	20.00000	0.0	0.0	-3.3827	0.0	86.135 *
					70.160	44.72973	-4.00000	20.00000	0.0	0.0	-3.4080	0.0	86.135 *
					72.164	44.86486	-2.00000	20.00000	0.0	0.0	-3.3830	0.0	86.135 *
					74.169	45.00000	0.00000	20.00000	0.0	0.18000	-3.0672	0.17959	0.012134 86.135 *
11		TP No.1_1			0.0	96.00000	-16.00000	20.00000	2.0408	5.0503	-3.6871	0.43318	-5.4298 153.43 *
					1.8634	84.33333	-15.16667	20.00000	0.42268	1.1171	-6.4188	0.12152	-1.1882 153.43 *
					3.7268	92.66667	-14.33333	20.00000	0.44784	1.1836	-6.2618	0.12875	-1.2589 153.43 *
					5.5902	91.00000	-13.50000	20.00000	0.47300	1.2501	-6.0991	0.13598	-1.3296 153.43 *
					7.4536	89.33333	-12.66667	20.00000	0.49816	1.3166	-5.9337	0.14322	-1.4003 153.43 *
					9.3169	87.66667	-11.83333	20.00000	0.52332	1.3830	-5.7684	0.15045	-1.4711 153.43 *
12		TP No.1_2			11.180	86.00000	-11.00000	20.00000	0.54847	1.4495	-5.6054	0.15768	-1.5418 153.43 *
					0.0	86.00000	-11.00000	20.00000	0.54847	1.4495	-5.6054	-1.5418	-0.15768 243.43 *
					1.8634	85.16667	-12.66667	20.00000	0.30247	0.79938	-5.7465	-0.85026	-0.086958 243.43 *
					3.7268	84.33333	-14.33333	20.00000	0.056462	0.14922	-5.6327	-0.15872	-0.016233 243.43 *
					5.5902	83.50000	-16.00000	20.00000	0.0	0.0	-5.3467	0.0	0.0 243.43 *
					7.4536	82.66667	-17.66667	20.00000	0.0	0.0	-5.0400	0.0	0.0 243.43 *
					9.3169	81.83333	-19.33333	20.00000	0.0	0.0	-4.7487	0.0	0.0 243.43 *
					11.180	81.00000	-21.00000	20.00000	0.0	0.0	-4.4736	0.0	0.0 243.43 *
13		TP No.1_3			0.0	81.00000	-21.00000	20.00000	0.0	0.0	-4.4736	0.0	0.0 155.22 *
					2.0454	79.14286	-20.14286	20.00000	0.0	0.0	-4.4413	0.0	0.0 155.22 *
					4.0908	77.28571	-19.28571	20.00000	0.0	0.0	-4.4087	0.0	0.0 155.22 *
					6.1362	75.42857	-18.42857	20.00000	0.0	0.0	-4.3759	0.0	0.0 155.22 *
					8.1816	73.57143	-17.57143	20.00000	0.0	0.0	-4.3427	0.0	0.0 155.22 *
					10.2272	71.71429	-16.71429	20.00000	0.0	0.0	-4.3090	0.0	0.0 155.22 *
					12.272	69.85714	-15.85714	20.00000	0.0	0.0	-4.2745	0.0	0.0 155.22 *
14		TP No.1_4			14.318	68.00000	-15.00000	20.00000	0.0	0.0	-4.2389	0.0	0.0 155.22 *
					0.0	68.00000	-15.00000	20.00000	0.0	0.0	-4.2389	0.0	0.0 246.50 *
					2.0900	67.16667	-16.91667	20.00000	0.0	0.0	-4.0004	0.0	0.0 246.50 *
					4.1800	66.33333	-18.83333	20.00000	0.0	0.0	-3.7720	0.0	0.0 246.50 *
					6.2700	65.50000	-20.75000	20.00000	0.0	0.0	-3.5547	0.0	0.0 246.50 *
					8.3600	64.66667	-22.66667	20.00000	0.0	0.0	-3.3490	0.0	0.0 246.50 *
					10.4500	63.83333	-24.58333	20.00000	0.0	0.0	-3.1552	0.0	0.0 246.50 *
					12.5400	63.00000	-26.50000	20.00000	0.0	0.0	-2.9729	0.0	0.0 246.50 *
15		TP No.1_5			0.0	63.00000	-26.50000	20.00000	0.0	0.0	-2.9729	0.0	0.0 333.43 *
					1.9699	64.76190	-27.38095	20.00000	0.0	0.0	-2.9761	0.0	0.0 333.43 *
					3.9397	66.52381	-28.26190	20.00000	0.0	0.0	-2.9787	0.0	0.0 333.43 *
					5.9096	68.28571	-29.14286	20.00000	0.0	0.0	-2.9805	0.0	0.0 333.43 *
					7.8795	70.04762	-30.02381	20.00000	0.0	0.0	-2.9817	0.0	0.0 333.43 *
					9.8493	71.80952	-30.90476	20.00000	0.0	0.0	-2.9822	0.0	0.0 333.43 *
					11.819	73.57143	-31.78571	20.00000	0.0	0.0	-2.9820	0.0	0.0 333.43 *
					13.789	75.33333	-32.66667	20.00000	0.0	0.0	-2.9811	0.0	0.0 333.43 *
					15.759	77.09524	-33.54762	20.00000	0.0	0.0	-2.9793	0.0	0.0 333.43 *
					17.729	78.85714	-34.42857	20.00000	0.0	0.0	-2.9767	0.0	0.0 333.43 *
					19.699	80.61905	-35.30952	20.00000	0.0	0.0	-2.9730	0.0	0.0 333.43 *
					21.669	82.38095	-36.19048	20.00000	0.0	0.0	-2.9684	0.0	0.0 333.43 *
					23.638	84.14286	-37.07143	20.00000	0.0	0.0	-2.9625	0.0	0.0 333.43 *
					25.608	85.90476	-37.95238	20.00000	0.0	0.0	-2.9554	0.0	0.0 333.43 *
					27.578	87.66667	-38.83333	20.00000	0.0	0.0	-2.9469	0.0	0.0 333.43 *
					29.548	89.42857	-39.71429	20.00000	0.0	0.0	-2.9369	0.0	0.0 333.43 *
					31.518	91.19048	-40.59524	20.00000	0.0	0.0	-2.9254	0.0	0.0 333.43 *
					33.488	92.95238	-41.47619	20.00000	0.0	0.0	-2.9121	0.0	0.0 333.43 *
					35.458	94.71429	-42.35714	20.00000	0.0	0.0	-2.8972	0.0	0.0 333.43 *
					37.428	96							



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	ΔE//	ΔE Perp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				23.887	128.60000	-43.20000	20.00000	0.20953	0.51852	-3.8726	-0.031939	0.55834	334.72
				25.878	130.40000	-44.05000	20.00000	0.19356	0.47899	-3.7954	-0.029504	0.51578	334.72
				27.868	132.20000	-44.90000	20.00000	0.17759	0.43946	-3.7158	-0.027070	0.47322	334.72
				29.859	134.00000	-45.75000	20.00000	0.16162	0.39994	-3.6340	-0.024635	0.43065	334.72
				31.850	135.80000	-46.60000	20.00000	0.14564	0.36041	-3.5504	-0.022200	0.38809	334.72
				33.840	137.60000	-47.45000	20.00000	0.12967	0.32089	-3.4652	-0.019766	0.34553	334.72
				35.831	139.40000	-48.30000	20.00000	0.11370	0.28136	-3.3787	-0.017331	0.30297	334.72
				37.821	141.20000	-49.15000	20.00000	0.097726	0.24183	-3.2911	-0.014896	0.26041	334.72
				39.812	143.00000	-50.00000	20.00000	0.081753	0.20231	-4.5985	-0.012461	0.21785	334.72
		22	TP No.2_4	0.0	143.00000	-50.00000	20.00000	0.081753	0.20231	-3.2027	0.21655	0.026784	60.945
				2.0591	144.00000	-48.20000	20.00000	0.36887	0.91282	-3.3338	0.97709	0.12085	60.945
				4.1183	145.00000	-46.40000	20.00000	0.65599	1.6233	-3.4945	1.7376	0.21492	60.945
				6.1774	146.00000	-44.60000	20.00000	0.94311	2.3338	-3.6172	2.4982	0.30899	60.945
				8.2365	147.00000	-42.80000	20.00000	1.2302	3.0444	-3.5420	3.2587	0.40305	60.945
				10.296	148.00000	-41.00000	20.00000	1.5174	3.7549	-3.0524	4.0192	0.49712	60.945
		23	TP No.3_1	0.0	200.00000	-55.00000	20.00000	0.0	0.0	-1.4879	0.0	0.0	154.44
				2.0396	198.16000	-54.12000	20.00000	0.0	0.0	-1.5769	0.0	0.0	154.44
				4.0792	196.32000	-53.24000	20.00000	0.0	0.0	-1.6724	0.0	0.0	154.44
				6.1188	194.48000	-52.36000	20.00000	0.0	0.0	-1.7750	0.0	0.0	154.44
				8.1584	192.64000	-51.48000	20.00000	0.0	0.0	-1.8852	0.0	0.0	154.44
				10.198	190.80000	-50.60000	20.00000	0.0	0.0	-2.0034	0.0	0.0	154.44
				12.238	188.96000	-49.72000	20.00000	0.0	0.0	-2.1302	0.0	0.0	154.44
				14.277	187.12000	-48.84000	20.00000	-0.13931	0.28500	-2.2020	0.24864	-0.19700	154.44
				16.317	185.28000	-47.96000	20.00000	-0.40256	0.82359	-2.2747	0.71851	-0.56930	154.44
				18.356	183.44000	-47.08000	20.00000	-0.66582	1.3622	-2.3681	1.1884	-0.94159	154.44
				20.396	181.60000	-46.20000	20.00000	-0.92908	1.9008	-2.4479	1.6582	-1.3139	154.44
				22.436	179.76000	-45.32000	20.00000	-1.1923	2.4394	-2.4869	2.1281	-1.6862	154.44
				24.475	177.92000	-44.44000	20.00000	-1.4556	2.9779	-2.3371	2.5980	-2.0585	154.44
				26.515	176.08000	-43.56000	20.00000	-1.7188	3.5165	-1.9211	3.0679	-2.4308	154.44
				28.555	174.24000	-42.68000	20.00000	-1.9821	4.0551	-1.4245	3.5377	-2.8031	154.44
				30.594	172.40000	-41.80000	20.00000	-1.9259	4.5915	-0.86808	3.7184	-3.3113	154.44
				32.634	170.56000	-40.92000	20.00000	-1.7541	5.2002	-0.29597	3.8261	-3.9345	154.44
				34.673	168.72000	-40.04000	20.00000	-1.4255	5.8902	0.25524	3.8273	-4.6987	154.44
				36.713	166.88000	-39.16000	20.00000	-0.85997	6.5162	0.74505	3.5872	-5.5074	154.44
				38.753	165.04000	-38.28000	20.00000	-0.045024	7.0599	1.1332	3.0867	-6.3496	154.44
				40.792	163.20000	-37.40000	20.00000	1.0057	7.4981	1.3838	2.3279	-7.1981	154.44
				42.832	161.36000	-36.52000	20.00000	2.2364	7.8047	1.4684	1.3499	-8.0058	154.44
				44.871	159.52000	-35.64000	20.00000	3.2130	7.9509	1.3744	0.53192	-8.5591	154.44
				46.911	157.68000	-34.76000	20.00000	3.2404	8.0186	1.2244	0.53645	-8.6320	154.44
				48.951	155.84000	-33.88000	20.00000	3.2678	8.0865	1.0682	0.54099	-8.7050	154.44
				50.990	154.00000	-33.00000	20.00000	3.2953	8.1545	0.90460	0.54554	-8.7782	154.44
		24	TP No.3_2	0.0	154.00000	-33.00000	20.00000	3.2953	8.1545	0.90460	-8.7673	-0.69944	243.43
				1.9166	153.14286	-34.71429	20.00000	2.8858	7.1412	0.027399	-7.6778	-0.61252	243.43
				3.8333	152.28571	-36.42857	20.00000	2.4854	6.1504	-0.82248	-6.6125	-0.52753	243.43
				5.7499	151.42857	-38.14286	20.00000	2.0898	5.1715	-1.6092	-5.5602	-0.44358	243.43
				7.6665	150.57143	-39.85714	20.00000	1.8016	4.4583	-2.3048	-4.7933	-0.38240	243.43
				9.5831	149.71429	-41.57143	20.00000	1.5332	3.7940	-2.8924	-4.0791	-0.32542	243.43
				11.500	148.85714	-43.28571	20.00000	1.2647	3.1297	-3.3672	-3.3649	-0.26844	243.43
				13.416	148.00000	-45.00000	20.00000	0.99629	2.4654	-3.5156	-2.6507	-0.21147	243.43
		25	TP No.3_3	0.0	148.00000	-45.00000	20.00000	0.99629	2.4654	-3.5156	-0.11756	2.6565	335.46
				2.0227	149.84000	-45.84000	20.00000	0.98372	2.4343	-3.3917	-0.11608	2.6230	335.46
				4.0453	151.68000	-46.68000	20.00000	0.97116	2.4033	-3.2674	-0.11460	2.5895	335.46
				6.0680	153.52000	-47.52000	20.00000	0.95860	2.3722	-3.1430	-0.11312	2.5560	335.46
				8.0907	155.36000	-48.36000	20.00000	0.91029	2.3389	-3.0190	-0.14323	2.5057	335.46
				10.113	157.20000	-49.20000	20.00000	0.70364	2.2647	-2.9046	-0.30041	2.3524	335.46
				12.136	159.04000	-50.04000	20.00000	0.49913	2.1390	-2.8023	-0.43426	2.1531	335.46
				14.159	160.88000	-50.88000	20.00000	0.31023	1.9642	-2.7088	-0.53352	1.9157	335.46
				16.181	162.72000	-51.72000	20.00000	0.14845	1.7434	-2.6201	-0.58898	1.6476	335.46
				18.204	164.56000	-52.56000	20.00000	0.022945	1.4799	-2.5331	-0.59372	1.3558	335.46
				20.227	166.40000	-53.40000	20.00000	-0.059616	1.1773	-2.4467	-0.54315	1.0462	335.46
				22.249	168.24000	-54.24000	20.00000	-0.094881	0.83920	-2.3640	-0.43483	0.72401	335.46
				24.272	170.08000	-55.08000	20.00000	-0.080544	0.46915	-2.2932	-0.26810	0.39333	335.46
				26.295	171.92000	-55.92000	20.00000	-0.015964	0.070475	-2.2497	-0.043790	0.057480	335.46
				28.317	173.76000	-56.76000	20.00000	0.0	0.0	-2.1640	0.0	0.0	335.46
				30.340	175.60000	-57.60000	20.00000	0.0	0.0	-2.0596	0.0	0.0	335.46
				32.363	177.44000	-58.44000	20.00000	0.0	0.0	-1.9594	0.0	0.0	335.46
				34.385	179.28000	-59.28000	20.00000	0.0	0.0	-1.8636	0.0	0.0	335.46
				36.408	181.12000	-60.12000	20.00000	0.0	0.0	-1.7721	0.0	0.0	335.46
				38.431	182.96000	-60.96000	20.00000	0.0	0.0	-1.6850	0.0	0.0	335.46
				40.453	184.80000	-61.80000	20.00000	0.0					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δy _{perp.}	Angle	
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]	
					11.500	200.50000	-19.00000	19.00000	-3.1703	0.072198	-2.7959	3.1703	-0.072198	180.00 *
					13.417	198.58333	-19.00000	19.00000	-3.8752	0.095642	-2.3067	3.8752	-0.095642	180.00 *
					15.333	196.66667	-19.00000	19.00000	-4.5774	0.12334	-1.7071	4.5774	-0.12334	180.00 *
					17.250	194.75000	-19.00000	19.00000	-5.2761	0.15657	-1.0021	5.2761	-0.15657	180.00 *
					19.167	192.83333	-19.00000	19.00000	-6.2809	0.20750	-0.21132	6.2809	-0.20750	180.00 *
					21.083	190.91667	-19.00000	19.00000	-7.3092	0.27242	0.63156	7.3092	-0.27242	180.00 *
					23.000	189.00000	-19.00000	19.00000	-8.3470	0.35701	1.4788	8.3470	-0.35701	180.00 *
33	Hospital No.2_1			0.0	189.00000	37.00000	19.00000	-8.6485	0.022138	-2.8087	-0.022138	-8.6485	270.00 *	
				2.000	189.00000	35.00000	19.00000	-8.6456	0.022117	-2.7680	-0.022117	-8.6456	270.00 *	
				4.000	189.00000	33.00000	19.00000	-8.6426	0.022123	-2.6900	-0.022123	-8.6426	270.00 *	
				6.000	189.00000	31.00000	19.00000	-8.6396	0.022115	-2.5823	-0.022115	-8.6396	270.00 *	
				8.000	189.00000	29.00000	19.00000	-8.6367	0.022108	-2.4591	-0.022108	-8.6367	270.00 *	
				10.000	189.00000	27.00000	19.00000	-8.6337	0.022100	-2.3321	-0.022100	-8.6337	270.00 *	
				12.000	189.00000	25.00000	19.00000	-8.6308	0.022093	-2.2083	-0.022093	-8.6308	270.00 *	
				14.000	189.00000	23.00000	19.00000	-8.6278	0.022085	-2.0895	-0.022085	-8.6278	270.00 *	
				16.000	189.00000	21.00000	19.00000	-8.6249	0.022078	-1.9742	-0.022078	-8.6249	270.00 *	
				18.000	189.00000	19.00000	19.00000	-8.6219	0.022070	-1.8603	-0.022070	-8.6219	270.00 *	
				20.000	189.00000	17.00000	19.00000	-8.6189	0.022062	-1.7460	-0.022062	-8.6189	270.00 *	
				22.000	189.00000	15.00000	19.00000	-8.6160	0.022055	-1.6302	-0.022055	-8.6160	270.00 *	
				24.000	189.00000	13.00000	19.00000	-8.6130	0.022047	-1.5113	-0.022047	-8.6130	270.00 *	
				26.000	189.00000	11.00000	19.00000	-8.6101	0.022040	-1.3875	-0.022040	-8.6101	270.00 *	
				28.000	189.00000	9.00000	19.00000	-8.6071	0.022032	-1.2566	-0.022032	-8.6071	270.00 *	
				30.000	189.00000	7.00000	19.00000	-8.6042	0.022025	-1.1172	-0.022025	-8.6042	270.00 *	
				32.000	189.00000	5.00000	19.00000	-8.6012	0.022017	-0.9686	-0.022017	-8.6012	270.00 *	
34	Hospital No.2_2			0.0	189.00000	5.00000	19.00000	-8.6012	0.022017	-0.9686	-8.6012	0.022017	0.0 *	
				2.000	191.00000	5.00000	19.00000	-7.4630	0.019104	-1.6276	-7.4630	0.019104	0.0 *	
				4.000	193.00000	5.00000	19.00000	-6.3488	0.016251	-2.2920	-6.3488	0.016251	0.0 *	
				6.000	195.00000	5.00000	19.00000	-5.2987	0.013563	-2.9131	-5.2987	0.013563	0.0 *	
				8.000	197.00000	5.00000	19.00000	-4.5487	0.011644	-3.4553	-4.5487	0.011644	0.0 *	
				10.000	199.00000	5.00000	19.00000	-3.7987	0.009728	-3.8982	-3.7987	0.009728	0.0 *	
				12.000	201.00000	5.00000	19.00000	-3.0487	0.0078039	-4.2240	-3.0487	0.0078039	0.0 *	
				14.000	203.00000	5.00000	19.00000	-2.2987	0.0058841	-4.0738	-2.2987	0.0058841	0.0 *	
				16.000	205.00000	5.00000	19.00000	-1.5487	0.0039643	-3.8644	-1.5487	0.0039643	0.0 *	
				18.000	207.00000	5.00000	19.00000	-0.79872	0.0020445	-3.6442	-0.79872	0.0020445	0.0 *	
				20.000	209.00000	5.00000	19.00000	-0.048724	124.725	-3.4794	-0.048724	124.725	0.0 *	
				22.000	211.00000	5.00000	19.00000	0.0	0.0	0.0	0.0	0.0	0.0 *	
				24.000	213.00000	5.00000	19.00000	0.0	0.0	-3.0206	0.0	0.0	0.0 *	
				26.000	215.00000	5.00000	19.00000	0.0	0.0	-2.8127	0.0	0.0	0.0 *	
				28.000	217.00000	5.00000	19.00000	0.0	0.0	-2.6224	0.0	0.0	0.0 *	
				30.000	219.00000	5.00000	19.00000	0.0	0.0	-2.4479	0.0	0.0	0.0 *	
				32.000	221.00000	5.00000	19.00000	0.0	0.0	-2.2879	0.0	0.0	0.0 *	
				34.000	223.00000	5.00000	19.00000	0.0	0.0	-2.1410	0.0	0.0	0.0 *	
				36.000	225.00000	5.00000	19.00000	0.0	0.0	-2.0059	0.0	0.0	0.0 *	
35	Hospital No.2_3			0.0	225.00000	5.00000	19.00000	0.0	0.0	-2.0059	0.0	0.0	90.000 *	
				2.000	225.00000	7.00000	19.00000	0.0	0.0	-2.0307	0.0	0.0	90.000 *	
				4.000	225.00000	9.00000	19.00000	0.0	0.0	-2.0537	0.0	0.0	90.000 *	
				6.000	225.00000	11.00000	19.00000	0.0	0.0	-2.0746	0.0	0.0	90.000 *	
				8.000	225.00000	13.00000	19.00000	0.0	0.0	-2.0935	0.0	0.0	90.000 *	
				10.000	225.00000	15.00000	19.00000	0.0	0.0	-2.1103	0.0	0.0	90.000 *	
				12.000	225.00000	17.00000	19.00000	0.0	0.0	-2.1249	0.0	0.0	90.000 *	
				14.000	225.00000	19.00000	19.00000	0.0	0.0	-2.1373	0.0	0.0	90.000 *	
				16.000	225.00000	21.00000	19.00000	0.0	0.0	-2.1475	0.0	0.0	90.000 *	
				18.000	225.00000	23.00000	19.00000	0.0	0.0	-2.1554	0.0	0.0	90.000 *	
				20.000	225.00000	25.00000	19.00000	0.0	0.0	-2.1610	0.0	0.0	90.000 *	
				22.000	225.00000	27.00000	19.00000	0.0	0.0	-2.1642	0.0	0.0	90.000 *	
				24.000	225.00000	29.00000	19.00000	0.0	0.0	-2.1651	0.0	0.0	90.000 *	
				26.000	225.00000	31.00000	19.00000	0.0	0.0	-2.1636	0.0	0.0	90.000 *	
				28.000	225.00000	33.00000	19.00000	0.0	0.0	-2.1598	0.0	0.0	90.000 *	
				30.000	225.00000	35.00000	19.00000	0.0	0.0	-2.1536	0.0	0.0	90.000 *	
				32.000	225.00000	37.00000	19.00000	0.0	0.0	-2.1450	0.0	0.0	90.000 *	
36	Hospital No.2_4			0.0	225.00000	37.00000	19.00000	0.0	0.0	-2.1450	0.0	0.0	180.00 *	
				2.000	223.00000	37.00000	19.00000	0.0	0.0	-2.2950	0.0	0.0	180.00 *	
				4.000	221.00000	37.00000	19.00000	0.0	0.0	-2.4589	0.0	0.0	180.00 *	
				6.000	219.00000	37.00000	19.00000	0.0	0.0	-2.6383	0.0	0.0	180.00 *	
				8.000	217.00000	37.00000	19.00000	0.0	0.0	-2.8350	0.0	0.0	180.00 *	
				10.000	215.00000	37.00000	19.00000	0.0	0.0	-3.0511	0.0	0.0	180.00 *	
				12.000	213.00000	37.00000	19.00000	0.0	0.0	-3.2889	0.0	0.0	180.00 *	
				14.000	211.00000	37.00000	19.00000	0.0	0.0	-3.5511	0.0	0.0	180.00 *	
				16.000	209.00000	37.00000	19.00000	-0.079441	203.355	-6.38177	0.079441	-203.355	6.38177	180.00 *
				18.000	207.00000	37.00000	19.00000	-0.82944	0.0021232	-4.0340	0.82944	-0.0021232	180.00 *	
				20.000	205.00000	37.00000	19.00000	-1.5794	0.0040430	-4.3121	1.5794	-0.0040430	180.00 *	
				22.000	203.00000	37.00000	19.00000	-2.3294						



RSK ENVIRONMENT LIMITED

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371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δy Perp.	Angle
				[m]	[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]
				17.438	230.00000	63.43750	19.00000	0.0	0.0	-1.5751	0.0	0.0	90.000 *
				19.375	230.00000	65.37500	19.00000	0.0	0.0	-1.5479	0.0	0.0	90.000 *
				21.313	230.00000	67.31250	19.00000	0.0	0.0	-1.5198	0.0	0.0	90.000 *
				23.250	230.00000	69.25000	19.00000	0.0	0.0	-1.4910	0.0	0.0	90.000 *
				25.188	230.00000	71.18750	19.00000	0.0	0.0	-1.4616	0.0	0.0	90.000 *
				27.125	230.00000	73.12500	19.00000	0.0	0.0	-1.4315	0.0	0.0	90.000 *
				29.063	230.00000	75.06250	19.00000	0.0	0.0	-1.4010	0.0	0.0	90.000 *
				31.000	230.00000	77.00000	19.00000	0.0	0.0	-1.3701	0.0	0.0	90.000 *
44			Hospital No.3_8	0.0	230.00000	77.00000	19.00000	0.0	0.0	-1.3701	0.0	0.0	180.00 *
				1.9524	228.04762	77.00000	19.00000	0.0	0.0	-1.4403	0.0	0.0	180.00 *
				3.9048	226.09524	77.00000	19.00000	0.0	0.0	-1.5280	0.0	0.0	180.00 *
				5.8571	224.14286	77.00000	19.00000	0.0	0.0	-1.6159	0.0	0.0	180.00 *
				7.8095	222.19048	77.00000	19.00000	0.0	0.0	-1.7104	0.0	0.0	180.00 *
				9.7619	220.23810	77.00000	19.00000	0.0	0.0	-1.8123	0.0	0.0	180.00 *
				11.714	218.28571	77.00000	19.00000	0.0	0.0	-1.9220	0.0	0.0	180.00 *
				13.667	216.33333	77.00000	19.00000	0.0	0.0	-2.0403	0.0	0.0	180.00 *
				15.619	214.38095	77.00000	19.00000	0.0	0.0	-2.1686	0.0	0.0	180.00 *
				17.571	212.42857	77.00000	19.00000	0.0	0.0	-2.3071	0.0	0.0	180.00 *
				19.524	210.47619	77.00000	19.00000	0.0	0.0	-2.4570	0.0	0.0	180.00 *
				21.476	208.52381	77.00000	19.00000	0.0	0.0	-2.6194	0.0	0.0	180.00 *
				23.429	206.57143	77.00000	19.00000	0.0	0.0	-2.7955	0.0	0.0	180.00 *
				25.381	204.61905	77.00000	19.00000	-0.29936	-0.11385	-2.9223	0.29936	0.11385	180.00 *
				27.333	202.66667	77.00000	19.00000	-0.93900	-0.35710	-3.0490	0.93900	0.35710	180.00 *
				29.286	200.71429	77.00000	19.00000	-1.5786	-0.60035	-3.2010	1.5786	0.60035	180.00 *
				31.238	198.76190	77.00000	19.00000	-2.2183	-0.84360	-3.3309	2.2183	0.84360	180.00 *
				33.190	196.80952	77.00000	19.00000	-2.8571	-1.08619	-3.4037	2.8571	1.08619	180.00 *
				35.143	194.85714	77.00000	19.00000	-3.4975	-1.3301	-3.0412	3.4975	1.3301	180.00 *
				37.095	192.90476	77.00000	19.00000	-4.1372	-1.5733	-2.5795	4.1372	1.5733	180.00 *
				39.048	190.95238	77.00000	19.00000	-4.7768	-1.8166	-2.0300	4.7768	1.8166	180.00 *
				41.000	189.00000	77.00000	19.00000	-5.5846	-2.1238	-1.4070	5.5846	2.1238	180.00 *
45			Rd_1	0.0	-30.00000	12.00000	21.00000	0.0	0.0	0.0	0.0	0.0	358.75 *
				2.0005	-28.00000	11.95652	21.00000	0.0	0.0	-1.1723	0.0	0.0	358.75 *
				4.0009	-26.00000	11.91304	21.00000	0.0	0.0	-1.2225	0.0	0.0	358.75 *
				6.0014	-24.00000	11.86957	21.00000	0.0	0.0	-1.2715	0.0	0.0	358.75 *
				8.0019	-22.00000	11.82609	21.00000	0.0	0.0	-1.3179	0.0	0.0	358.75 *
				10.002	-20.00000	11.78261	21.00000	0.0	0.0	-1.3595	0.0	0.0	358.75 *
				12.003	-18.00000	11.73913	21.00000	0.0	0.0	-1.3939	0.0	0.0	358.75 *
				14.003	-16.00000	11.69565	21.00000	0.0	0.0	-1.4172	0.0	0.0	358.75 *
				16.004	-14.00000	11.65217	21.00000	0.0	0.0	-1.4247	0.0	0.0	358.75 *
				18.004	-12.00000	11.60870	21.00000	0.0	0.0	-1.4096	0.0	0.0	358.75 *
				20.005	-10.00000	11.56522	21.00000	0.0	0.0	-1.3625	0.0	0.0	358.75 *
				22.005	-8.00000	11.52174	21.00000	0.56407	0.084968	-1.1826	0.56209	0.097207	358.75 *
				24.006	-6.00000	11.47826	21.00000	1.1830	0.20856	-0.58674	1.1782	0.23422	358.75 *
				26.006	-4.00000	11.43478	21.00000	1.7549	0.37166	0.32365	1.7464	0.40971	358.75 *
				28.007	-2.00000	11.39130	21.00000	2.4668	0.65090	1.5826	2.4521	0.70435	358.75 *
				30.007	0.00000	11.34783	21.00000	3.1001	1.0758	3.2038	3.0759	1.1429	358.75 *
				32.008	2.00000	11.30435	21.00000	3.4879	1.7373	5.1459	3.4494	1.8127	358.75 *
				34.008	4.00000	11.26087	21.00000	3.3833	2.8393	3.3558	3.3208	2.9122	358.75 *
				36.009	6.00000	11.21739	21.00000	2.3032	4.7164	9.7600	2.2001	4.7653	358.75 *
				38.009	8.00000	11.17391	21.00000	0.0	7.2962	12.0050	-0.15858	7.2945	358.75 *
				40.009	10.00000	11.13043	21.00000	0.0	7.2661	13.8700	-0.15792	7.2644	358.75 *
				42.010	12.00000	11.08696	21.00000	0.0	7.2361	14.7790	-0.15727	7.2344	358.75 *
				44.010	14.00000	11.04348	21.00000	0.0	7.2062	15.0770	-0.15662	7.2045	358.75 *
				46.011	16.00000	11.00000	21.00000	0.0	7.1763	15.0820	-0.15597	7.1746	358.75 *
				48.011	18.00000	10.95652	21.00000	0.0	7.1465	14.9960	-0.15532	7.1448	358.75 *
				50.012	20.00000	10.91304	21.00000	0.0	7.1167	14.7370	-0.15467	7.1150	358.75 *
				52.012	22.00000	10.86957	21.00000	0.0	7.0870	14.4850	-0.15403	7.0854	358.75 *
				54.013	24.00000	10.82609	21.00000	0.0	7.0574	14.2050	-0.15339	7.0557	358.75 *
				56.013	26.00000	10.78261	21.00000	0.0	7.0278	13.9010	-0.15274	7.0262	358.75 *
				58.014	28.00000	10.73913	21.00000	0.0	6.9983	13.5730	-0.15209	6.9967	358.75 *
				60.014	30.00000	10.69565	21.00000	0.0	6.9689	13.2180	-0.15146	6.9672	358.75 *
				62.015	32.00000	10.65217	21.00000	0.0	6.9395	12.8260	-0.15082	6.9378	358.75 *
				64.015	34.00000	10.60870	21.00000	0.0	6.9101	12.3810	-0.15018	6.9085	358.75 *
				66.016	36.00000	10.56522	21.00000	0.0	6.8809	11.8540	-0.14955	6.8792	358.75 *
				68.016	38.00000	10.52174	21.00000	0.0	6.8516	11.3980	-0.14891	6.8500	358.75 *
				70.017	40.00000	10.47826	21.00000	0.0	6.8225	10.3310	-0.14828	6.8209	358.75 *
				72.017	42.00000	10.43478	21.00000	0.0	6.7934	9.13040	-0.14765	6.7918	358.75 *
				74.017	44.00000	10.39130	21.00000	0.060924	5.4583	6.3207	-0.057721	5.4583	358.75 *
				76.018	46.00000	10.34783	21.00000	0.20635	5.3333	3.9556	0.090388	5.3365	358.75 *
				78.018	48.00000	10.30435	21.00000	0.35952	5.3958	2.3960	0.24216	5.4023	358.75 *
				80.019	50.00000	10.26087	21.00000	0.52306	5.6101	1.8581	0.40101	5.6202	358.75 *
				82.019	52.00000	10.21739	21.00000	0.75309	6.0566	2.0075	0.62128	6.0715	358.75 *
				84.020	54.00000	10.17391	21.00000	-0.26310					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	δx	δy	δz	δx//	δy/perp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					6.0052	179.75000	84.00000	21.50000	-8.8488	-3.3651	1.9141	3.7306	-8.7010	267.61	*
					8.0069	179.66667	82.00000	21.50000	-9.2893	-3.5327	1.8966	3.9163	-9.1341	267.61	*
					10.009	179.58333	80.00000	21.50000	-9.7373	-3.7030	1.7980	4.1052	-9.5747	267.61	*
					12.010	179.50000	78.00000	21.50000	-10.194	-3.8766	1.6018	4.2976	-10.023	267.61	*
					14.012	179.41667	76.00000	21.50000	-10.659	-4.0535	1.2907	4.4937	-10.481	267.61	*
					16.014	179.33333	74.00000	21.50000	-11.134	-4.2342	0.85551	4.6940	-10.948	267.61	*
					18.016	179.25000	72.00000	21.50000	-11.620	-4.4188	0.32859	4.8987	-11.425	267.61	*
					20.017	179.16667	70.00000	21.50000	-12.116	-4.6078	-0.16928	5.1082	-11.914	267.61	*
					22.019	179.08333	68.00000	21.50000	-12.625	-4.8013	-0.50530	5.3227	-12.414	267.61	*
					24.021	179.00000	66.00000	21.50000	-13.147	-4.9997	-0.73488	5.5427	-12.927	267.61	*
					26.023	178.91667	64.00000	21.50000	-13.682	-5.2032	-1.0691	5.7683	-13.453	267.61	*
					28.024	178.83333	62.00000	21.50000	-14.329	-4.8672	-1.7070	5.4595	-14.114	267.61	*
					30.026	178.75000	60.00000	21.50000	-15.402	0.039426	-2.8478	0.60181	-15.391	267.61	*
					32.028	178.66667	58.00000	21.50000	-15.462	0.039579	-3.9527	0.60414	-15.450	267.61	*
					34.030	178.58333	56.00000	21.50000	-15.522	0.039732	-4.8229	0.60648	-15.510	267.61	*
					36.031	178.50000	54.00000	21.50000	-15.582	0.039885	-5.5135	0.60882	-15.570	267.61	*
					38.033	178.41667	52.00000	21.50000	-15.642	0.040039	-6.1976	0.61117	-15.630	267.61	*
					40.035	178.33333	50.00000	21.50000	-15.702	0.040193	-7.0034	0.61352	-15.690	267.61	*
					42.036	178.25000	48.00000	21.50000	-15.762	0.040348	-7.9595	0.61588	-15.750	267.61	*
					44.038	178.16667	46.00000	21.50000	-15.823	0.040503	-8.9610	0.61825	-15.811	267.61	*
					46.040	178.08333	44.00000	21.50000	-15.884	0.040659	-9.8377	0.62063	-15.872	267.61	*
					48.042	178.00000	42.00000	21.50000	-15.945	0.040815	-10.623	0.62301	-15.933	267.61	*
					50.043	177.91667	40.00000	21.50000	-16.006	0.040971	-11.377	0.62539	-15.994	267.61	*
					52.045	177.83333	38.00000	21.50000	-16.067	0.041128	-11.726	0.62779	-16.055	267.61	*
					54.047	177.75000	36.00000	21.50000	-16.128	0.041285	-12.315	0.63019	-16.116	267.61	*
					56.049	177.66667	34.00000	21.50000	-16.190	0.041443	-6.6789	0.63259	-16.178	267.61	*
					58.050	177.58333	32.00000	21.50000	-16.252	0.041601	-3.8311	0.63501	-16.239	267.61	*
					60.052	177.50000	30.00000	21.50000	-16.314	0.041759	-0.72617	0.63743	-16.301	267.61	*
					62.054	177.41667	28.00000	21.50000	-16.376	0.041918	0.96816	0.63986	-16.363	267.61	*
					64.056	177.33333	26.00000	21.50000	-16.438	0.042078	1.4551	0.64229	-16.426	267.61	*
					66.057	177.25000	24.00000	21.50000	-16.501	0.042238	1.1523	0.64473	-16.488	267.61	*
					68.059	177.16667	22.00000	21.50000	-16.563	0.042398	0.56348	0.64718	-16.551	267.61	*
					70.061	177.08333	20.00000	21.50000	-16.626	0.042559	0.66980	0.64963	-16.613	267.61	*
					72.062	177.00000	18.00000	21.50000	-16.689	0.042720	2.0864	0.65209	-16.676	267.61	*
					74.064	176.91667	16.00000	21.50000	-16.752	0.042882	3.0728	0.65456	-16.739	267.61	*
					76.066	176.83333	14.00000	21.50000	-16.816	0.043044	3.0786	0.65703	-16.803	267.61	*
					78.068	176.75000	12.00000	21.50000	-16.879	0.043206	2.2913	0.65952	-16.866	267.61	*
					80.069	176.66667	10.00000	21.50000	-16.943	0.043369	1.2340	0.66201	-16.930	267.61	*
					82.071	176.58333	8.00000	21.50000	-17.007	0.043533	1.4191	0.66450	-16.994	267.61	*
					84.073	176.50000	6.00000	21.50000	-17.071	0.043697	1.1628	0.66700	-17.058	267.61	*
					86.075	176.41667	4.00000	21.50000	-17.135	0.043861	4.2239	0.66951	-17.122	267.61	*
					88.076	176.33333	2.00000	21.50000	-17.199	0.044026	3.7523	0.67203	-17.186	267.61	*
					90.078	176.25000	0.00000	21.50000	-17.264	0.044192	1.9194	0.67455	-17.251	267.61	*
					92.080	176.16667	-2.00000	21.50000	-17.329	0.044357	0.012570	0.67709	-17.316	267.61	*
					94.082	176.08333	-4.00000	21.50000	-17.394	0.044524	0.2111	0.67962	-17.380	267.61	*
					96.083	176.00000	-6.00000	21.50000	-17.459	0.044690	3.0951	0.68217	-17.446	267.61	*
					98.085	175.91667	-8.00000	21.50000	-17.524	0.044858	5.5210	0.68472	-17.511	267.61	*
					100.09	175.83333	-10.00000	21.50000							*
					102.09	175.75000	-12.00000	21.50000							*
					104.09	175.66667	-14.00000	21.50000							*
					106.09	175.58333	-16.00000	21.50000							*
					108.09	175.50000	-18.00000	21.50000							*
					110.10	175.41667	-20.00000	21.50000	-7.2346	14.801	2.6351	-14.487	-7.8445	267.61	*
					112.10	175.33333	-22.00000	21.50000	-6.6359	13.576	3.4886	-13.288	-7.1953	267.61	*
					114.10	175.25000	-24.00000	21.50000	-6.0719	12.422	3.8152	-12.159	-6.5838	267.61	*
					116.10	175.16667	-26.00000	21.50000	-5.5382	11.332	3.8133	-11.091	-6.0057	267.61	*
					118.10	175.08333	-28.00000	21.50000	-5.0327	10.296	3.5233	-10.078	-5.4569	267.61	*
					120.10	175.00000	-30.00000	21.50000	-4.5496	9.3078	3.0186	-9.1103	-4.9331	267.61	*
48			RW_1		0.0	0.00000	63.00000	22.00000	0.0	0.0	-1.3001	0.0	0.0	7.8831	*
					1.9885	1.96970	63.27273	22.00000	0.014164	-0.059564	-1.2575	0.005861	-0.060944	7.8831	*
					3.9770	3.93939	63.54545	22.00000	0.019009	-0.13749	-1.2249	-28.743E-6	-0.13880	7.8831	*
					5.9655	5.90909	63.81818	22.00000	0.0078117	-0.14799	-1.2176	-0.012560	-0.14767	7.8831	*
					7.9540	7.87879	64.09091	22.00000	0.0	-0.074659	-1.2397	-0.010240	-0.073954	7.8831	*
					9.9424	9.84848	64.36364	22.00000	0.0	0.0	-1.2857	0.0	0.0	7.8831	*
					11.931	11.81818	64.63636	22.00000	0.0	0.0	-1.3338	0.0	0.0	7.8831	*
					13.919	13.78788	64.90909	22.00000	0.0	0.0	-1.4024	0.0	0.0	7.8831	*
					15.908	15.75758	65.18182	22.00000	0.0	0.0	-1.4895	0.0			



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Stage: Ref.	Stage: Name	Disp. Line: Ref.	Disp. Line: Name	Chainage	x	y	z	Δx	Δy	Δz	Δx//	Δyperp.	Angle		
					[m]	[m]	[m]	[mm]	[mm]	[mm]	[mm]	[mm]	[°]		
					98.039	156.52830	107.13208	22.00000	1.0945	-2.8437	-2.8325	0.0027946	-3.0471	20.999	*
					100.04	158.39623	107.84906	22.00000	1.0739	-2.8348	-2.7090	-0.013267	-3.0314	20.999	*
					102.04	160.26415	108.56604	22.00000	0.86448	-2.7139	-2.5991	-0.16546	-2.8435	20.999	*
					104.04	162.13208	109.28302	22.00000	0.64920	-2.5448	-2.5096	-0.30582	-2.6084	20.999	*
					106.04	164.00000	110.00000	22.00000	0.44158	-2.3347	-2.4367	-0.42436	-2.3378	20.999	*
	50		canal wall L1		0.0	5.99000	50.78000	21.50000	1.1914	-5.4180	12.501	1.2394	-5.4072	359.49	*
					2.0944	8.08429	50.76143	21.50000	0.0	-6.7736	15.825	0.060063	-6.7733	359.49	*
					4.1887	10.17857	50.74286	21.50000	0.0	-6.7860	17.297	0.060173	-6.7857	359.49	*
					6.2831	12.27286	50.72429	21.50000	0.0	-6.7984	18.015	0.060284	-6.7981	359.49	*
					8.3775	14.36714	50.70571	21.50000	0.0	-6.8108	19.574	0.060394	-6.8106	359.49	*
					10.472	16.46143	50.68714	21.50000	0.0	-6.8233	19.713	0.060504	-6.8230	359.49	*
					12.566	18.55571	50.66857	21.50000	-0.25825	-6.8236	18.293	-0.19773	-6.8256	359.49	*
					14.661	20.65000	50.65000	21.50000	-0.51995	-6.7202	18.644	-0.46034	-6.7246	359.49	*
					0.0	20.65000	50.65000	21.50000	-0.51995	-6.7202	18.644	0.41602	-6.7274	352.04	*
					2.0453	22.67556	50.36667	21.50000	-0.52645	-6.8043	18.800	0.42122	-6.8116	352.04	*
					4.0906	24.70111	50.08333	21.50000	-0.53300	-6.8888	17.696	0.42646	-6.8963	352.04	*
					6.1358	26.72667	49.80000	21.50000	-0.53958	-6.9739	18.612	0.43172	-6.9814	352.04	*
					8.1811	28.75222	49.51667	21.50000	-0.54619	-7.0594	18.448	0.43702	-7.0670	352.04	*
					10.226	30.77778	49.23333	21.50000	-0.55285	-7.1454	17.396	0.44234	-7.1531	352.04	*
					12.272	32.80333	48.95000	21.50000	-0.55954	-7.2319	17.545	0.44770	-7.2397	352.04	*
					14.317	34.82889	48.66667	21.50000	-0.56628	-7.3190	16.874	0.45309	-7.3269	352.04	*
					16.362	36.85444	48.38333	21.50000	-0.57305	-7.4065	15.507	0.45851	-7.4145	352.04	*
					18.407	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.974	0.46396	-7.5027	352.04	*
					0.0	38.88000	48.10000	21.50000	-0.57987	-7.4946	15.974	-1.0488	-7.4435	3.5959	*
					2.0528	40.92875	48.22875	21.50000	-0.56446	-7.2955	14.182	-1.0209	-7.2458	3.5959	*
					4.1056	42.97500	48.35750	21.50000	-0.54802	-7.0524	-0.50355	-5.8281	-5.9595	*	
					6.1584	45.02625	48.48625	21.50000	-0.082821	-5.0993	7.0637	-0.40249	-5.0841	3.5959	*
					8.2112	47.07500	48.61500	21.50000	-0.046305	-4.5791	4.5739	-0.33341	-4.5672	3.5959	*
					10.264	49.12375	48.74375	21.50000	-0.024599	-4.2503	3.0847	-0.29113	-4.2404	3.5959	*
					12.317	51.17250	48.87250	21.50000	0.81625	-6.2666	2.5161	0.42161	-6.3054	3.5959	*
					14.370	53.22125	49.00125	21.50000	-0.99405	-4.2532	1.7935	-0.72276	-4.2595	3.5959	*
					16.422	55.27000	49.13000	21.50000	-0.99792	-4.4623	0.52724	-1.2758	-4.3909	3.5959	*
					0.0	55.27000	49.13000	21.50000	-0.99792	-4.4623	0.52724	-2.5060	-3.8247	20.627	*
					1.9865	57.12918	49.82984	21.50000	-0.78797	-3.8813	-1.4198	-2.1048	-3.3549	20.627	*
					3.9731	58.98936	50.52967	21.50000	-0.34533	-3.4502	-3.0974	-1.5387	-1.1074	20.627	*
					5.9596	60.84754	51.22951	21.50000	0.21640	-3.1011	-4.3311	-0.88995	-2.9785	20.627	*
					7.9461	62.70672	51.92934	21.50000	0.69654	-2.8006	-5.0727	-0.33473	-2.8664	20.627	*
					9.9327	64.56590	52.62918	21.50000	0.97383	-2.6320	-5.5335	-0.015844	-2.8064	20.627	*
					11.919	66.42508	53.32902	21.50000	0.97237	-2.6281	-5.7222	-0.015820	-2.8022	20.627	*
					13.906	68.28426	54.02835	21.50000	0.97091	-2.6242	-5.8859	-0.015797	-2.7980	20.627	*
					15.892	70.14344	54.72869	21.50000	0.96945	-2.6202	-6.1245	-0.015773	-2.7938	20.627	*
					17.879	72.00262	55.42852	21.50000	0.96799	-2.6163	-6.3476	-0.015749	-2.7896	20.627	*
					19.865	73.86180	56.12836	21.50000	0.96653	-2.6123	-6.3821	-0.015726	-2.7853	20.627	*
					21.852	75.72098	56.82820	21.50000	0.96507	-2.6084	-6.1807	-0.015702	-2.7811	20.627	*
					23.838	77.58016	57.52803	21.50000	0.96361	-2.6044	-5.9168	-0.015678	-2.7769	20.627	*
					25.825	79.43934	58.22787	21.50000	0.96215	-2.6005	-5.7550	-0.015654	-2.7727	20.627	*
					27.811	81.29852	58.92770	21.50000	0.96069	-2.5965	-5.6837	-0.015631	-2.7685	20.627	*
					29.798	83.15770	59.62754	21.50000	0.95923	-2.5926	-5.6328	-0.015607	-2.7643	20.627	*
					31.785	85.01689	60.32738	21.50000	0.95777	-2.5887	-5.6246	-0.015583	-2.7601	20.627	*
					33.771	86.87607	61.02721	21.50000	0.95631	-2.5847	-5.6490	-0.015559	-2.7559	20.627	*
					35.758	88.73525	61.72705	21.50000	0.95486	-2.5808	-5.6600	-0.015536	-2.7517	20.627	*
					37.744	90.59443	62.42689	21.50000	0.95340	-2.5768	-5.7980	-0.015512	-2.7475	20.627	*
					39.731	92.45361	63.12672	21.50000	0.95194	-2.5729	-6.2900	-0.015488	-2.7433	20.627	*
					41.717	94.31279	63.82656	21.50000	0.95048	-2.5689	-7.1942	-0.015464	-2.7391	20.627	*
					43.704	96.17197	64.52639	21.50000	0.94902	-2.5650	-8.3130	-0.015441	-2.7349	20.627	*
					45.690	98.03115	65.22623	21.50000	0.94756	-2.5610	-9.3385	-0.015417	-2.7307	20.627	*
					47.677	99.89033	65.92607	21.50000	5.3860	-14.093	-0.49031	0.076040	-15.087	20.627	*
					49.663	101.74951	66.62590	21.50000	4.4434	-11.545	-2.6676	0.091505	-12.370	20.627	*
					51.650	103.60869	67.32574	21.50000	4.4469	-11.554	-2.9304	0.091578	-12.380	20.627	*
					53.636	105.46787	68.02557	21.50000	4.4504	-11.563	-3.0633	0.091650	-12.389	20.627	*
					55.623	107.32705	68.72541	21.50000	4.4539	-11.572	-3.1310	0.091722	-12.399	20.627	*
					57.610	109.18623	69.42525	21.50000	4.4575	-11.581	-3.1235	0.091794	-12.409	20.627	*
					59.596	111.04541	70.12508	21.50000	4.4610	-11.590	-3.0146	0.091867	-12.419	20.627	*
					61.583	112.90459	70.82492	21.50000	4.4645	-11.599	-2.8265	0.091939	-12.429	20.627	*
					63.569	114.76377	71.52475	21.50000	4.4680	-11.608	-2.6221	0.092012	-12.438	20.627	*
					65.556	116.62295	72.22459	21.50000	4.4715	-11.618	-2.4520	0.092084	-12.448	20.627	*
					67.542	118.48213	72.92443	21.50000	4.4750	-11.627	-2.3231	0.092156	-12.458	20.627	*
					69.529	120.34131	73.62426	21.50000	4.4786	-11.636	-2.1958	0.092229	-12.468	20.627	*
					71.515	122.20049	74.32410	21.50000	4.4821	-11.645	-2.0122	0.092301	-12.478	20.627	*
					73.502	124.05967	75.02393	21.50000	4.4856	-11.654	-1.7568	0.092374	-12.487	20.627	*
					75.488	125.91885	75.72377	21.50000	4.4891	-11.663	-1.4716	0.092447	-12.497	20.627	*
					77.475	127.77803	76.42361	21.50000	4.4927						



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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]	[mm]	[mm]	[mm]	[mm]
3		Canal Side Studios_3	Canal Side Studios_3		18.000	-12.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					20.000	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					0.0	-14.00000	49.00000	22.00000	0.0	0.0	0.0	0.0
					1.9444	-14.00000	47.05556	22.00000	0.0	0.0	0.0	0.0
					3.8889	-14.00000	45.11111	22.00000	0.0	0.0	0.0	0.0
					5.8333	-14.00000	43.16667	22.00000	0.0	0.0	0.0	0.0
					7.7778	-14.00000	41.22222	22.00000	0.0	0.0	0.0	0.0
					9.7222	-14.00000	39.27778	22.00000	0.0	0.0	0.0	0.0
					11.667	-14.00000	37.33333	22.00000	0.0	0.0	0.0	0.0
					13.611	-14.00000	35.38889	22.00000	0.0	0.0	0.0	0.0
					15.556	-14.00000	33.44444	22.00000	0.0	0.0	0.0	0.0
					17.500	-14.00000	31.50000	22.00000	0.0	0.0	0.0	0.0
					19.444	-14.00000	29.55556	22.00000	0.0	0.0	0.0	0.0
					21.389	-14.00000	27.61111	22.00000	0.0	0.0	0.0	0.0
					23.333	-14.00000	25.66667	22.00000	0.0	0.0	0.0	0.0
				4		Canal Side Studios_4	Canal Side Studios_4		25.278	-14.00000	23.72222	22.00000
	27.222	-14.00000	21.77778					22.00000	0.0	0.0	0.0	0.0
	29.167	-14.00000	19.83333					22.00000	0.0	0.0	0.0	0.0
	31.111	-14.00000	17.88889					22.00000	0.0	0.0	0.0	0.0
	33.056	-14.00000	15.94444					22.00000	0.0	0.0	0.0	0.0
	35.000	-14.00000	14.00000					22.00000	0.0	0.0	0.0	0.0
	0.0	-14.00000	14.00000					22.00000	0.0	0.0	0.0	0.0
	2.0000	-12.00000	14.00000					22.00000	0.0	0.0	0.0	0.0
	4.0000	-10.00000	14.00000					22.00000	0.0017685	60.569E-6	0.0017685	60.569E-6
	6.0000	-8.00000	14.00000					22.00000	0.73877	0.027827	0.73877	0.027827
	8.0000	-6.00000	14.00000					22.00000	1.4692	0.061841	1.4692	0.061841
	10.000	-4.00000	14.00000					22.00000	2.1897	0.10522	2.1897	0.10522
	12.000	-2.00000	14.00000					22.00000	3.2402	0.18309	3.2402	0.18309
	14.000	0.00000	14.00000					22.00000	4.2827	0.29736	4.2827	0.29736
	16.000	2.00000	14.00000					22.00000	5.3100	0.48657	5.3100	0.48657
5		Beaumont Court_1	Beaumont Court_1						18.000	4.00000	14.00000	22.00000
					20.000	6.00000	14.00000	22.00000	6.5270	1.9491	6.5270	1.9491
					0.0	45.00000	0.00000	20.00000	0.0	0.18000	0.0099846	-0.17972
					2.0031	43.00000	0.11111	20.00000	0.0	0.22167	0.012296	-0.22133
					4.0062	41.00000	0.22222	20.00000	0.0	1.3058	0.072435	-1.3038
					6.0093	39.00000	0.33333	20.00000	0.0	1.3475	0.074746	-1.3454
					8.0123	37.00000	0.44444	20.00000	0.0	1.3892	0.077057	-1.3870
					10.015	35.00000	0.55556	20.00000	0.0	1.4308	0.079368	-1.4286
					12.019	33.00000	0.66667	20.00000	0.0	1.4725	0.081680	-1.4702
					14.022	31.00000	0.77778	20.00000	0.0	1.5142	0.083991	-1.5118
					16.025	29.00000	0.88889	20.00000	0.0	1.5558	0.086302	-1.5534
					18.028	27.00000	1.00000	20.00000	0.0	1.5975	0.088613	-1.5950
					0.0	27.00000	1.00000	20.00000	0.0	1.5975	-1.5909	-0.14463
					1.8409	26.83333	-0.83333	20.00000	0.0	0.91000	-0.90626	-0.082388
					3.6818	26.66667	-2.66667	20.00000	0.0	0.22250	-0.22159	-0.020144
				6		Beaumont Court_2	Beaumont Court_2		5.5227	26.50000	-4.50000	20.00000
	7.3636	26.33333	-6.33333					20.00000	0.0	0.0	0.0	0.0
	9.2045	26.16667	-8.16667					20.00000	0.0	0.0	0.0	0.0
	11.045	26.00000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	0.0	26.00000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	1.7500	27.75000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	3.5000	29.50000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	5.2500	31.25000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	7.0000	33.00000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	0.0	33.00000	-10.00000					20.00000	0.0	0.0	0.0	0.0
	1.9749	32.84375	-11.96875					20.00000	0.0	0.0	0.0	0.0
	3.9499	32.68750	-13.93750					20.00000	0.0	0.0	0.0	0.0
	5.9248	32.53125	-15.90625					20.00000	0.0	0.0	0.0	0.0
	7.8998	32.37500	-17.87500					20.00000	0.0	0.0	0.0	0.0
	9.8747	32.21875	-19.84375					20.00000	0.0	0.0	0.0	0.0
7		Beaumont Court_3	Beaumont Court_3						11.850	32.06250	-21.81250	20.00000
					13.825	31.90625	-23.78125	20.00000	0.0	0.0	0.0	0.0
					15.800	31.75000	-25.75000	20.00000	0.0	0.0	0.0	0.0
					17.774	31.59375	-27.71875	20.00000	0.0	0.0	0.0	0.0
					19.749	31.43750	-29.68750	20.00000	0.0	0.0	0.0	0.0
					21.724	31.28125	-31.65625	20.00000	0.0	0.0	0.0	0.0
					23.699	31.12500	-33.62500	20.00000	0.0	0.0	0.0	0.0
					25.674	30.96875	-35.59375	20.00000	0.0	0.0	0.0	0.0
					27.649	30.81250	-37.56250	20.00000	0.0	0.0	0.0	0.0
					29.624	30.65625	-39.53125	20.00000	0.0	0.0	0.0	0.0
					31.599	30.50000	-41.50000	20.00000	0.0	0.0	0.0	0.0
					33.574	30.34375	-43.46875	20.00000	0.0	0.0	0.0	0.0
					35.549	30.18750	-45.43750	20.00000	0.0	0.0	0.0	0.0
					37.524	30.03125	-47.40625	20.00000	0.0	0.0	0.0	0.0
					39.499	29.87500	-49.37500	20.00000	0.0	0.0	0.0	0.0
				8		Beaumont Court_4	Beaumont Court_4		41.474	29.71875	-51.34375	20.00000
	43.449	29.56250	-53.31250					20.00000	0.0	0.0	0.0	0.0
	45.424	29.40625	-55.28125					20.00000	0.0	0.0	0.0	0.0
	47.399	29.25000	-57.25000					20.00000	0.0	0.0	0.0	0.0
	49.374	29.09375	-59.21875					20.00000	0.0	0.0	0.0	0.0
	51.348	28.93750	-61.18750					20.00000	0.0	0.0	0.0	0.0
	53.323	28.78125	-63.15625					20.00000	0.0	0.0	0.0	0.0
	55.298	28.62500	-65.12500					20.00000	0.0	0.0	0.0	0.0
	57.273	28.46875	-67.09375					20.00000	0.0	0.0	0.0	0.0
	59.248	28.31250	-69.06250					20.00000	0.0	0.0	0.0	0.0
	61.223	28.15625	-71.03125					20.00000	0.0	0.0	0.0	0.0
	63.198	28.00000	-73.00000					20.00000	0.0	0.0	0.0	0.0
	0.0	28.00000	-73.00000					20.00000	0.0	0.0	0.0	0.0
	2.0069	30.00000	-73.16667					20.00000	0.0	0.0	0.0	0.0
	4.0139	32.00000	-73.33333					20.00000	0.0	0.0	0.0	0.0
	6.0208	34.00000	-73.50000					20.00000	0.0	0.0	0.0	0.0
	8.0277	36.00000	-73.66667	20.00000	0.0	0.0	0.0	0.0				
	10.035	38.00000	-73.83333	20.00000	0.0	0.0	0.0	0.0				
9		Beaumont Court_5	Beaumont Court_5		12.042	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0
					0.0	40.00000	-74.00000	20.00000	0.0	0.0	0.0	0.0
					2.0046	40.13514	-72.00000	20.00000	0.0	0.0	0.0	0.0
					4.0091	40.27027	-70.00000	20.00000	0.0	0.0	0.0	0.0
					6.0137	40.40541	-68.00000	20.00000	0.0	0.0	0.0	0.0
					8.0182	40.54054	-66.00000	20.00000	0.0	0.0	0.0	0.0
					10.023	40.67568	-64.00000	20.00000	0.0	0.0	0.0	0.0
					12.027	40.81081	-62.00000	20.00000	0.0	0.0	0.0	0.0
					14.032	40.94595	-60.00000	20.00000	0.0	0.0	0.0	0.0
					16.036	41.08108	-58.00000	20.00000	0.0	0.0	0.0	0.0
					18.041	41.21622	-56.00000	20.00000	0.0	0.0	0.0	0.0
					20.046	41.35135	-54.00000	20.00000	0.0	0.0	0.0	0.0
					22.050	41.48649	-52.00000	20.00000	0.0	0.0	0.0	0.0
					24.055	41.6216						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Stage: Ref.	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]	
						3.7268	84.33333	-14.33333	20.00000	0.056462	0.14922	-0.15872	-0.016233
						5.5902	83.50000	-16.00000	20.00000	0.0	0.0	0.0	0.0
						7.4536	82.66667	-17.66667	20.00000	0.0	0.0	0.0	0.0
						9.3169	81.83333	-19.33333	20.00000	0.0	0.0	0.0	0.0
						11.180	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0
	13	TP No.1_3		TP No.1_3		0.0	81.00000	-21.00000	20.00000	0.0	0.0	0.0	0.0
						2.0454	79.14286	-20.14286	20.00000	0.0	0.0	0.0	0.0
						4.0908	77.28571	-19.28571	20.00000	0.0	0.0	0.0	0.0
						6.1362	75.42857	-18.42857	20.00000	0.0	0.0	0.0	0.0
						8.1816	73.57143	-17.57143	20.00000	0.0	0.0	0.0	0.0
						10.227	71.71429	-16.71429	20.00000	0.0	0.0	0.0	0.0
						12.272	69.85714	-15.85714	20.00000	0.0	0.0	0.0	0.0
	14	TP No.1_4		TP No.1_4		14.318	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0
						0.0	68.00000	-15.00000	20.00000	0.0	0.0	0.0	0.0
						2.0900	67.16667	-16.91667	20.00000	0.0	0.0	0.0	0.0
						4.1800	66.33333	-18.83333	20.00000	0.0	0.0	0.0	0.0
						6.2700	65.50000	-20.75000	20.00000	0.0	0.0	0.0	0.0
						8.3600	64.66667	-22.66667	20.00000	0.0	0.0	0.0	0.0
						10.450	63.83333	-24.58333	20.00000	0.0	0.0	0.0	0.0
						12.540	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0
	15	TP No.1_5		TP No.1_5		0.0	63.00000	-26.50000	20.00000	0.0	0.0	0.0	0.0
						1.9699	64.76190	-27.38095	20.00000	0.0	0.0	0.0	0.0
						3.9397	66.52381	-28.26190	20.00000	0.0	0.0	0.0	0.0
						5.9096	68.28571	-29.14286	20.00000	0.0	0.0	0.0	0.0
						7.8795	70.04762	-30.02381	20.00000	0.0	0.0	0.0	0.0
						9.8493	71.80952	-30.90476	20.00000	0.0	0.0	0.0	0.0
						11.819	73.57143	-31.78571	20.00000	0.0	0.0	0.0	0.0
						13.789	75.33333	-32.66667	20.00000	0.0	0.0	0.0	0.0
						15.759	77.09524	-33.54762	20.00000	0.0	0.0	0.0	0.0
						17.729	78.85714	-34.42857	20.00000	0.0	0.0	0.0	0.0
						19.699	80.61905	-35.30952	20.00000	0.0	0.0	0.0	0.0
						21.669	82.38095	-36.19048	20.00000	0.0	0.0	0.0	0.0
						23.638	84.14286	-37.07143	20.00000	0.0	0.0	0.0	0.0
						25.608	85.90476	-37.95238	20.00000	0.0	0.0	0.0	0.0
						27.578	87.66667	-38.83333	20.00000	0.0	0.0	0.0	0.0
						29.548	89.42857	-39.71429	20.00000	0.0	0.0	0.0	0.0
						31.518	91.19048	-40.59524	20.00000	0.0	0.0	0.0	0.0
						33.488	92.95238	-41.47619	20.00000	0.0	0.0	0.0	0.0
						35.458	94.71429	-42.35714	20.00000	0.0	0.0	0.0	0.0
						37.428	96.47619	-43.23810	20.00000	0.0	0.0	0.0	0.0
						39.397	98.23810	-44.11905	20.00000	0.0	0.0	0.0	0.0
						41.367	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
	16	TP No.1_6		TP No.1_6		0.0	100.00000	-45.00000	20.00000	0.0	0.0	0.0	0.0
						2.0883	101.00000	-43.16667	20.00000	0.0	0.0	0.0	0.0
						4.1767	102.00000	-41.33333	20.00000	0.0	0.0	0.0	0.0
						6.2650	103.00000	-39.50000	20.00000	0.0	0.0	0.0	0.0
						8.3533	104.00000	-37.66667	20.00000	0.0	0.0	0.0	0.0
						10.442	105.00000	-35.83333	20.00000	0.0	0.0	0.0	0.0
	17	TP No.1_7		TP No.1_7		12.530	106.00000	-34.00000	20.00000	0.21830	0.54020	0.57877	0.067035
						0.0	106.00000	-34.00000	20.00000	0.21830	0.54020	0.030626	-0.58184
						2.0691	104.12500	-33.12500	20.00000	0.23358	0.57802	0.032770	-0.62257
						4.1382	102.25000	-32.25000	20.00000	0.24886	0.61583	0.034914	-0.66330
						6.2074	100.37500	-31.37500	20.00000	0.26414	0.65365	0.037058	-0.70403
						8.2765	98.50000	-30.50000	20.00000	0.27942	0.69146	0.039202	-0.74475
						10.346	96.62500	-29.62500	20.00000	0.29470	0.72928	0.041346	-0.78548
						12.415	94.75000	-28.75000	20.00000	0.30998	0.76709	0.043490	-0.82621
						14.484	92.87500	-27.87500	20.00000	0.32527	0.80491	0.045634	-0.86694
						16.553	91.00000	-27.00000	20.00000	0.34055	0.84272	0.047777	-0.90767
	18	TP No.1_8		TP No.1_8		0.0	91.00000	-27.00000	20.00000	0.34055	0.84272	0.090810	0.038699
						2.0138	91.83333	-25.16667	20.00000	0.62324	1.5423	1.6619	0.070823
						4.0277	92.66667	-23.33333	20.00000	0.90592	2.2418	2.4157	0.10295
						6.0415	93.50000	-21.50000	20.00000	1.1886	2.9414	3.1696	0.13507
						8.0554	94.33333	-19.66667	20.00000	1.4713	3.6409	3.9234	0.16719
						10.069	95.16667	-17.83333	20.00000	1.7540	4.3405	4.6772	0.19932
						12.083	96.00000	-16.00000	20.00000	2.0408	5.0503	5.4421	0.23191
	19	TP No.2_1		TP No.2_1		0.0	148.00000	-41.00000	20.00000	1.5174	3.7549	0.23129	-4.0433
						1.9906	146.20000	-40.15000	20.00000	1.5333	3.7944	0.23372	-4.0858
						3.9812	144.40000	-39.30000	20.00000	1.5493	3.8339	0.23616	-4.1284
						5.9718	142.60000	-38.45000	20.00000	1.5653	3.8734	0.23859	-4.1709
						7.9624	140.80000	-37.60000	20.00000	1.5812	3.9130	0.24103	-4.2135
						9.9530	139.00000	-36.75000	20.00000	1.5972	3.9525	0.24346	-4.2561
						11.944	137.20000	-35.90000	20.00000	1.6132	3.9920	0.24590	-4.2986
						13.934	135.40000	-35.05000	20.00000	1.6292	4.0316	0.24833	-4.3412
						15.925	133.60000	-34.20000	20.00000	1.6451	4.0711	0.25077	-4.3837
						17.915	131.80000	-33.35000	20.00000	1.6611	4.1106	0.25320	-4.4263
						19.906	130.00000	-32.50000	20.00000	1.6771	4.1501	0.25563	-4.4689
						21.897	128.20000	-31.65000	20.00000	1.6931	4.1897	0.25807	-4.5114
						23.887	126.40000	-30.80000	20.00000	1.7090	4.2292	0.26050	-4.5540
						25.878	124.60000	-29.95000	20.00000	1.7250	4.2687	0.26294	-4.5966
						27.868	122.80000	-29.10000	20.00000	1.7410	4.3082	0.26537	-4.6391
						29.859	121.00000	-28.25000	20.00000	1.7569	4.3478	0.26781	-4.6817
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RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

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]	
						44.871	159.52000	-35.64000	20.00000	3.2130	7.9509	0.53192	-8.5591 d
						46.911	157.68000	-34.76000	20.00000	3.2404	8.0186	0.53645	-8.6320 d
						48.951	155.84000	-33.88000	20.00000	3.2678	8.0865	0.54099	-8.7050 d
						50.990	154.00000	-33.00000	20.00000	3.2953	8.1545	0.54554	-8.7782 d
24		TP No.3_2		TP No.3_2		0.0	154.00000	-33.00000	20.00000	3.2953	8.1545	-8.7673	-0.69944 d
						1.9166	153.14286	-34.71429	20.00000	2.8858	7.1412	-7.6778	-0.61252 d
						3.8333	152.28571	-36.42857	20.00000	2.4854	6.1504	-6.6125	-0.52753 d
						5.7499	151.42857	-38.14286	20.00000	2.0898	5.1715	-5.5602	-0.44358 d
						7.6665	150.57143	-39.85714	20.00000	1.8016	4.4583	-4.7933	-0.38240 d
						9.5833	149.71429	-41.57143	20.00000	1.5332	3.7940	-4.0791	-0.32542 d
						11.500	148.85714	-43.28571	20.00000	1.2647	3.1297	-3.3649	-0.26844 d
						13.416	148.00000	-45.00000	20.00000	0.99629	2.4654	-2.6507	-0.21147 d
25		TP No.3_3		TP No.3_3		0.0	148.00000	-45.00000	20.00000	0.99629	2.4654	-0.11756	2.6565 d
						2.0227	149.84000	-45.84000	20.00000	0.98372	2.4343	-0.11608	2.6230 d
						4.0453	151.68000	-46.68000	20.00000	0.97116	2.4033	-0.11460	2.5895 d
						6.0680	153.52000	-47.52000	20.00000	0.95860	2.3722	-0.11312	2.5560 d
						8.0907	155.36000	-48.36000	20.00000	0.91029	2.3389	-0.14323	2.5057 d
						10.113	157.20000	-49.20000	20.00000	0.70364	2.2647	-0.30041	2.3524 d
						12.136	159.04000	-50.04000	20.00000	0.49913	2.1390	-0.43426	2.1531 d
						14.159	160.88000	-50.88000	20.00000	0.31023	1.9642	-0.53352	1.9157 d
						16.181	162.72000	-51.72000	20.00000	0.14845	1.7434	-0.58989	1.6476 d
						18.204	164.56000	-52.56000	20.00000	0.022945	1.4799	-0.59372	1.3558 d
						20.227	166.40000	-53.40000	20.00000	-0.059616	1.1773	-0.54315	1.0462 d
						22.249	168.24000	-54.24000	20.00000	-0.094881	0.83920	-0.43483	0.72401 d
						24.272	170.08000	-55.08000	20.00000	-0.080544	0.46915	-0.26810	0.39333 d
						26.295	171.92000	-55.92000	20.00000	-0.015964	0.070475	-0.043790	0.057480 d
						28.317	173.76000	-56.76000	20.00000	0.0	0.0	0.0	0.0 d
						30.340	175.60000	-57.60000	20.00000	0.0	0.0	0.0	0.0 d
						32.363	177.44000	-58.44000	20.00000	0.0	0.0	0.0	0.0 d
						34.385	179.28000	-59.28000	20.00000	0.0	0.0	0.0	0.0 d
						36.408	181.12000	-60.12000	20.00000	0.0	0.0	0.0	0.0 d
						38.431	182.96000	-60.96000	20.00000	0.0	0.0	0.0	0.0 d
						40.453	184.80000	-61.80000	20.00000	0.0	0.0	0.0	0.0 d
						42.476	186.64000	-62.64000	20.00000	0.0	0.0	0.0	0.0 d
						44.499	188.48000	-63.48000	20.00000	0.0	0.0	0.0	0.0 d
						46.521	190.32000	-64.32000	20.00000	0.0	0.0	0.0	0.0 d
						48.544	192.16000	-65.16000	20.00000	0.0	0.0	0.0	0.0 d
						50.567	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
26		TP No.3_4		TP No.3_4		0.0	194.00000	-66.00000	20.00000	0.0	0.0	0.0	0.0 d
						2.0883	195.00000	-64.16667	20.00000	0.0	0.0	0.0	0.0 d
						4.1767	196.00000	-62.33333	20.00000	0.0	0.0	0.0	0.0 d
						6.2650	197.00000	-60.50000	20.00000	0.0	0.0	0.0	0.0 d
						8.3533	198.00000	-58.66667	20.00000	0.0	0.0	0.0	0.0 d
						10.442	199.00000	-56.83333	20.00000	0.0	0.0	0.0	0.0 d
						12.530	200.00000	-55.00000	20.00000	0.0	0.0	0.0	0.0 d
27		Hospital No.1_1		Hospital No.1_1		0.0	189.00000	-19.00000	19.00000	-8.3470	0.35701	-0.35701	-8.3470 d
						2.0000	189.00000	-21.00000	19.00000	-7.5716	1.3635	-1.3635	-7.5716 d
						4.0000	189.00000	-23.00000	19.00000	-6.7189	2.2335	-2.2335	-6.7189 d
						6.0000	189.00000	-25.00000	19.00000	-5.8522	2.8998	-2.8998	-5.8522 d
						8.0000	189.00000	-27.00000	19.00000	-5.0146	3.3333	-3.3333	-5.0146 d
						10.000	189.00000	-29.00000	19.00000	-4.2288	3.5347	-3.5347	-4.2288 d
						12.000	189.00000	-31.00000	19.00000	-3.5023	3.5220	-3.5220	-3.5023 d
28		Hospital No.1_2		Hospital No.1_2		0.0	189.00000	-31.00000	19.00000	-3.5023	3.5220	-3.5023	3.5220 d
						1.9474	190.94737	-31.00000	19.00000	-3.2877	2.8501	-3.2877	2.8501 d
						3.8947	192.89474	-31.00000	19.00000	-3.0494	2.3142	-3.0494	2.3142 d
						5.8421	194.84211	-31.00000	19.00000	-2.7441	1.8469	-2.7441	1.8469 d
						7.7895	196.78947	-31.00000	19.00000	-2.3829	1.4380	-2.3829	1.4380 d
						9.7368	198.73684	-31.00000	19.00000	-1.9750	1.0786	-1.9750	1.0786 d
						11.684	200.68421	-31.00000	19.00000	-1.5279	0.76125	-1.5279	0.76125 d
						13.632	202.63158	-31.00000	19.00000	-1.0479	0.47959	-1.0479	0.47959 d
						15.579	204.57895	-31.00000	19.00000	-0.53997	0.22838	-0.53997	0.22838 d
						17.526	206.52632	-31.00000	19.00000	-0.0082775	0.0032525	-0.0082775	0.0032525 d
						19.474	208.47368	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						21.421	210.42105	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						23.368	212.36842	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						25.316	214.31579	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						27.263	216.26316	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						29.211	218.21053	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						31.158	220.15789	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						33.105	222.10526	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						35.053	224.05263	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						37.000	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
29		Hospital No.1_3		Hospital No.1_3		0.0	226.00000	-31.00000	19.00000	0.0	0.0	0.0	0.0 d
						2.0000	226.00000	-29.00000	19.00000	0.0	0.0	0.0	0.0 d
						4.0000	226.00000	-27.00000	19.00000	0.0	0.0	0.0	0.0 d
						6.0000	226.00000	-25.00000	19.00000	0.0	0.0	0.0	0.0 d
						8.0000	226.00000	-23.00000	19.00000	0.0	0.0	0.0	0.0 d
						10.000	226.00000	-21.00000	19.00000	0.0	0.0	0.0	0.0 d
						12.000	226.00000	-19.00000	19.00000	0.0	0.0	0.0	0.0 d
						14.000	226.00000	-17.00000	19.00000	0.0	0.0	0	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

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]		
						26.000	215.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						28.000	217.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						30.000	219.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						32.000	221.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						34.000	223.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						36.000	225.00000	5.00000	19.00000	0.0	0.0	0.0	d	
	35		Hospital No.2_3	Hospital No.2_3		0.0	225.00000	5.00000	19.00000	0.0	0.0	0.0	d	
						2.0000	225.00000	7.00000	19.00000	0.0	0.0	0.0	d	
						4.0000	225.00000	9.00000	19.00000	0.0	0.0	0.0	d	
						6.0000	225.00000	11.00000	19.00000	0.0	0.0	0.0	d	
						8.0000	225.00000	13.00000	19.00000	0.0	0.0	0.0	d	
						10.000	225.00000	15.00000	19.00000	0.0	0.0	0.0	d	
						12.000	225.00000	17.00000	19.00000	0.0	0.0	0.0	d	
						14.000	225.00000	19.00000	19.00000	0.0	0.0	0.0	d	
						16.000	225.00000	21.00000	19.00000	0.0	0.0	0.0	d	
						18.000	225.00000	23.00000	19.00000	0.0	0.0	0.0	d	
						20.000	225.00000	25.00000	19.00000	0.0	0.0	0.0	d	
						22.000	225.00000	27.00000	19.00000	0.0	0.0	0.0	d	
						24.000	225.00000	29.00000	19.00000	0.0	0.0	0.0	d	
						26.000	225.00000	31.00000	19.00000	0.0	0.0	0.0	d	
						28.000	225.00000	33.00000	19.00000	0.0	0.0	0.0	d	
						30.000	225.00000	35.00000	19.00000	0.0	0.0	0.0	d	
						32.000	225.00000	37.00000	19.00000	0.0	0.0	0.0	d	
	36		Hospital No.2_4	Hospital No.2_4		0.0	225.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						2.0000	223.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						4.0000	221.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						6.0000	219.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						8.0000	217.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						10.000	215.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						12.000	213.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						14.000	211.00000	37.00000	19.00000	0.0	0.0	0.0	d	
						16.000	209.00000	37.00000	19.00000	-0.079441	203.35E-6	0.079441	-203.35E-6	d
						18.000	207.00000	37.00000	19.00000	-0.82944	0.0021232	0.82944	-0.0021232	d
						20.000	205.00000	37.00000	19.00000	-1.5794	0.0040430	1.5794	-0.0040430	d
						22.000	203.00000	37.00000	19.00000	-2.3294	0.0059628	2.3294	-0.0059628	d
						24.000	201.00000	37.00000	19.00000	-3.0794	0.007826	3.0794	-0.007826	d
						26.000	199.00000	37.00000	19.00000	-3.8294	0.0098024	3.8294	-0.0098024	d
						28.000	197.00000	37.00000	19.00000	-4.5794	0.011722	4.5794	-0.011722	d
						30.000	195.00000	37.00000	19.00000	-5.3294	0.013642	5.3294	-0.013642	d
						32.000	193.00000	37.00000	19.00000	-6.0794	0.015647	6.0794	-0.015647	d
						34.000	191.00000	37.00000	19.00000	-6.8294	0.017668	6.8294	-0.017668	d
						36.000	189.00000	37.00000	19.00000	-7.5794	0.019702	7.5794	-0.019702	d
	37		Hospital No.3_1	Hospital No.3_1		0.0	189.00000	37.00000	19.00000	-8.3294	0.021738	8.3294	-0.021738	d
						1.9375	189.00000	75.06250	19.00000	-5.9403	-2.2591	2.2591	-5.9403	d
						3.8750	189.00000	73.12500	19.00000	-6.6903	-2.3948	2.3948	-6.6903	d
						5.8125	189.00000	71.18750	19.00000	-7.4403	-2.5302	2.5302	-7.4403	d
						7.7500	189.00000	69.25000	19.00000	-8.1903	-2.6656	2.6656	-8.1903	d
						9.6875	189.00000	67.31250	19.00000	-8.9403	-2.8010	2.8010	-8.9403	d
						11.6250	189.00000	65.37500	19.00000	-9.6903	-2.9364	2.9364	-9.6903	d
						13.5625	189.00000	63.43750	19.00000	-10.4403	-3.0718	3.0718	-10.4403	d
						15.5000	189.00000	61.50000	19.00000	-11.1903	-3.2072	3.2072	-11.1903	d
						17.4375	189.00000	59.56250	19.00000	-11.9403	-3.3426	3.3426	-11.9403	d
						19.3750	189.00000	57.62500	19.00000	-12.6903	-3.4780	3.4780	-12.6903	d
						21.3125	189.00000	55.68750	19.00000	-13.4403	-3.6134	3.6134	-13.4403	d
						23.2500	189.00000	53.75000	19.00000	-14.1903	-3.7488	3.7488	-14.1903	d
						25.1875	189.00000	51.81250	19.00000	-14.9403	-3.8842	3.8842	-14.9403	d
						27.1250	189.00000	49.87500	19.00000	-15.6903	-4.0196	4.0196	-15.6903	d
						29.0625	189.00000	47.93750	19.00000	-16.4403	-4.1550	4.1550	-16.4403	d
						31.0000	189.00000	46.00000	19.00000	-17.1903	-4.2904	4.2904	-17.1903	d
	38		Hospital No.3_2	Hospital No.3_2		0.0	189.00000	46.00000	19.00000	-17.9403	-4.4258	4.4258	-17.9403	d
						1.8000	190.80000	46.00000	19.00000	-7.6347	0.019543	-7.6347	0.019543	d
						3.6000	192.60000	46.00000	19.00000	-6.6285	0.016967	-6.6285	0.016967	d
						5.4000	194.40000	46.00000	19.00000	-5.6338	0.014421	-5.6338	0.014421	d
						7.2000	196.20000	46.00000	19.00000	-4.8880	0.012512	-4.8880	0.012512	d
						9.0000	198.00000	46.00000	19.00000	-4.2131	0.010784	-4.2131	0.010784	d
	39		Hospital No.3_3	Hospital No.3_3		0.0	198.00000	46.00000	19.00000	-4.2131	0.010784	0.010784	4.2131	d
						1.8000	198.00000	47.80000	19.00000	-4.2148	0.010789	0.010789	4.2148	d
						3.6000	198.00000	49.60000	19.00000	-4.2165	0.010793	0.010793	4.2165	d
						5.4000	198.00000	51.40000	19.00000	-4.2182	0.010798	0.010798	4.2182	d
						7.2000	198.00000	53.20000	19.00000	-4.2200	0.010802	0.010802	4.2200	d
						9.0000	198.00000	55.00000	19.00000	-4.2217	0.010807	0.010807	4.2217	d
	40		Hospital No.3_4	Hospital No.3_4		0.0	198.00000	55.00000	19.00000	-4.2217	0.010807	-4.2217	0.010807	d
						2.0000	200.00000	55.00000	19.00000	-3.4717	0.0088867	-3.4717	0.0088867	d
						4.0000	202.00000	55.00000	19.00000	-2.7217	0.0069669	-2.7217	0.0069669	d
						6.0000	204.00000	55.00000	19.00000	-1.9717	0.0050471	-1.9717	0.0050471	d
						8.0000	206.00000	55.00000	19.00000	-1.2217	0.0031273	-1.2217	0.0031273	d
						10.000	208.00000	55.00000	19.00000	-0.47172	0.0012075	-0.47172	0.0012075	d
						12.000	210.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						14.000	212.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						16.000	214.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						18.000	216.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						20.000	218.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						22.000	220.00000	55.00000	19.00000	0.0	0.0	0.0	0.0	d
						24.000	222.00000	55.00000	19.00					



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Ref.		[m]	[m]	[m]	[m]	[mm]	
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.0	6.00000 14.00000 22.00000 17.456 d
						1.9444	6.00000 15.94444 22.00000 20.121 d
						3.8889	6.00000 17.88889 22.00000 20.762 d
						5.8333	6.00000 19.83333 22.00000 21.438 d
						7.7778	6.00000 21.77778 22.00000 22.818 d
						9.7222	6.00000 23.72222 22.00000 25.197 d
						11.667	6.00000 25.66667 22.00000 27.611 d
						13.611	6.00000 27.61111 22.00000 28.765 d
						15.556	6.00000 29.55556 22.00000 28.838 d
						17.500	6.00000 31.50000 22.00000 28.140 d
						19.444	6.00000 33.44444 22.00000 26.682 d
						21.389	6.00000 35.38889 22.00000 25.088 d
						23.333	6.00000 37.33333 22.00000 23.888 d
						25.278	6.00000 39.27778 22.00000 23.386 d
						27.222	6.00000 41.22222 22.00000 23.544 d
						29.167	6.00000 43.16667 22.00000 24.393 d
						31.111	6.00000 45.11111 22.00000 25.927 d
						33.056	6.00000 47.05556 22.00000 25.663 d
						35.000	6.00000 49.00000 22.00000 17.418 d
2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.0	6.00000	49.00000	22.00000 17.418 d
				2.0000	4.00000	49.00000	22.00000 12.160 d
				4.0000	2.00000	49.00000	22.00000 7.8725 d
				6.0000	0.0000	49.00000	22.00000 4.9667 d
				8.0000	-2.00000	49.00000	22.00000 2.8222 d
				10.000	-4.00000	49.00000	22.00000 1.2086 d
				12.000	-6.00000	49.00000	22.00000 0.049257 d
				14.000	-8.00000	49.00000	22.00000 -0.75806 d
				16.000	-10.00000	49.00000	22.00000 -1.1844 d
				18.000	-12.00000	49.00000	22.00000 -1.3081 d
				20.000	-14.00000	49.00000	22.00000 -1.3514 d
3	Canal Side Studios_3	Canal Side Studios_3	0.0	0.0	-14.00000	49.00000	22.00000 -1.3514 d
				1.9444	-14.00000	47.05556	22.00000 -1.3522 d
				3.8889	-14.00000	45.11111	22.00000 -1.3540 d
				5.8333	-14.00000	43.16667	22.00000 -1.3568 d
				7.7778	-14.00000	41.22222	22.00000 -1.3605 d
				9.7222	-14.00000	39.27778	22.00000 -1.3647 d
				11.667	-14.00000	37.33333	22.00000 -1.3692 d
				13.611	-14.00000	35.38889	22.00000 -1.3736 d
				15.556	-14.00000	33.44444	22.00000 -1.3777 d
				17.500	-14.00000	31.50000	22.00000 -1.3817 d
				19.444	-14.00000	29.55556	22.00000 -1.3857 d
				21.389	-14.00000	27.61111	22.00000 -1.3897 d
				23.333	-14.00000	25.66667	22.00000 -1.3939 d
				25.278	-14.00000	23.72222	22.00000 -1.3984 d
				27.222	-14.00000	21.77778	22.00000 -1.4032 d
				29.167	-14.00000	19.83333	22.00000 -1.4081 d
				31.111	-14.00000	17.88889	22.00000 -1.4131 d
				33.056	-14.00000	15.94444	22.00000 -1.4177 d
				35.000	-14.00000	14.00000	22.00000 -1.4216 d
4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.0	-14.00000	14.00000	22.00000 -1.4216 d
				2.0000	-12.00000	14.00000	22.00000 -1.3929 d
				4.0000	-10.00000	14.00000	22.00000 -1.3202 d
				6.0000	-8.00000	14.00000	22.00000 -1.0989 d
				8.0000	-6.00000	14.00000	22.00000 -0.35601 d
				10.000	-4.00000	14.00000	22.00000 0.70833 d
				12.000	-2.00000	14.00000	22.00000 2.2061 d
				14.000	0.00000	14.00000	22.00000 4.1866 d
				16.000	2.00000	14.00000	22.00000 6.7032 d
				18.000	4.00000	14.00000	22.00000 10.068 d
				20.000	6.00000	14.00000	22.00000 17.456 d
5	Beaumont Court_1	Beaumont Court_1	0.0	0.0	45.00000	0.00000	20.00000 -3.0672 d
				2.0031	43.00000	0.11111	20.00000 -2.7566 d
				4.0062	41.00000	0.22222	20.00000 -2.3522 d
				6.0093	39.00000	0.33333	20.00000 -2.0954 d
				8.0123	37.00000	0.44444	20.00000 -1.8460 d
				10.015	35.00000	0.55556	20.00000 -1.6069 d
				12.019	33.00000	0.66667	20.00000 -1.3793 d
				14.022	31.00000	0.77778	20.00000 -1.1631 d
				16.025	29.00000	0.88889	20.00000 -0.95792 d
				18.028	27.00000	1.00000	20.00000 -0.76322 d
6	Beaumont Court_2	Beaumont Court_2	0.0	0.0	27.00000	1.00000	20.00000 -0.76322 d
				1.8409	26.83333	-0.83333	20.00000 -1.6472 d
				3.6818	26.6667	-2.6667	20.00000 -2.0471 d
				5.5227	26.50000	-4.50000	20.00000 -2.2351 d
				7.3636	26.33333	-6.33333	20.00000 -2.3149 d
				9.2045	26.16667	-8.16667	20.00000 -2.3472 d
				11.045	26.00000	-10.0000	20.00000 -2.3454 d
7	Beaumont Court_3	Beaumont Court_3	0.0	0.0	26.00000	-10.00000	20.00000 -2.3454 d
				1.7500	27.75000	-10.00000	20.00000 -2.4188 d
				3.5000	29.50000	-10.00000	20.00000 -2.4950 d
				5.2500	31.25000	-10.00000	20.00000 -2.5737 d
				7.0000	33.00000	-10.00000	20.00000 -2.6551 d
8	Beaumont Court_4	Beaumont Court_4	0.0	0.0	33.00000	-10.00000	20.00000 -2.6551 d
				1.9749	32.84375	-11.96875	20.00000 -2.6050 d
				3.9499	32.68750	-13.93750	20.00000 -2.5379 d
				5.9248	32.53125	-15.90625	20.00000 -2.4597 d
				7.8998	32.37500	-17.87500	20.00000 -2.3747 d
				9.8747	32.21875	-19.84375	20.00000 -2.2859 d
				11.850	32.06250	-21.81250	20.00000 -2.1956 d
				13.825	31.90625	-23.78125	20.00000 -2.1054 d
				15.800	31.75000	-25.75000	20.00000 -2.0165 d
				17.774	31.59375	-27.71875	20.00000 -1.9296 d
				19.749	31.43750	-29.68750	20.00000 -1.8454 d
				21.724	31.28125	-31.65625	20.00000 -1.7641 d
				23.699	31.12500	-33.62500	20.00000 -1.6861 d
				25.674	30.96875	-35.59375	20.00000 -1.6113 d
				27.649	30.81250	-37.56250	20.00000 -1.5400 d
				29.624	30.65625	-39.53125	20.00000 -1.4719 d
				31.599	30.50000	-41.50000	20.00000 -1.4071 d
				33.574	30.34375	-43.46875	20.00000 -1.3455 d
				35.549	30.18750	-45.43750	20.00000 -1.2870 d
				37.524	30.03125	-47.40625	20.00000 -1.2314 d
				39.499	29.87500	-49.37500	20.00000 -1.1786 d
				41.474	29.71875	-51.34375	20.00000 -1.1285 d
				43.449	29.56250	-53.31250	20.00000 -1.0810 d
				45.424	29.40625	-55.28125	20.00000 -1.0359 d
				47.399	29.25000	-57.25000	20.00000 -0.99306 d
				49.374	29.09375	-59.21875	20.00000 -0.95240 d
				51.348	28.93750	-61.18750	20.00000 -0.91380 d
				53.323	28.78125	-63.15625	20.00000 -0.87713 d
				55.298	28.62500	-65.12500	20.00000 -0.84229 d
				57.273	28.46875	-67.09375	20.00000 -0.80918 d
				59.248	28.31250	-69.06250	20.00000 -0.77769 d
				61.223	28.15625	-71.03125	20.00000 -0.74774 d
				63.198	28.00000	-73.00000	20.00000 -0.71923 d
9	Beaumont Court_5	Beaumont Court_5	0.0	0.0	28.00000	-73.00000	20.00000 -0.71923 d
				2.0069	30.00000	-73.16667	20.00000 -0.73086 d
				4.0139	32.00000	-73.33333	20.00000 -0.74250 d
				6.0208	34.00000	-73.50000	20.00000 -0.75415 d
				8.0277	36.00000	-73.66667	20.00000 -0.76581 d
				10.035	38.00000	-73.83333	20.00000 -0.77748 d
				12.042	40.00000	-74.00000	20.00000 -0.78916 d
10	Beaumont Court_6	Beaumont Court_6	0.0	0.0	40.00000	-74.00000	20.00000 -0.78916 d
				2.0046	40.13514	-72.00000	20.00000 -0.82189 d
				4.0091	40.27027	-70.00000	20.00000 -0.85634 d
				6.0137	40.40541	-68.00000	20.00000 -0.89261 d
				8.0182	40.54054	-66.00000	20.00000 -0.93084 d
				10.023	40.67568	-64.00000	20.00000 -0.97112 d
				12.027	40.81081	-62.00000	20.00000 -1.0136 d
				14.032	40.94595	-60.00000	20.00000 -1.0584 d
				16.036	41.08108	-58.00000	20.00000 -1.1057 d
				18.041	41.21622	-56.00000	20.00000 -1.1556 d
				20.046	41.35135	-54.00000	20.00000 -1.2082 d
				22.050	41.48649	-52.00000	20.00000 -1.2639 d
				24.055	41.62162	-50.00000	20.00000 -1.3226 d
				26.059	41.75676	-48.00000	20.00000 -1.3846 d
				28.064	41.89189	-46.00000	20.00000 -1.4501 d
				30.068	42.02703	-44.00000	20.00000 -1.5192 d



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	δz
						32.073	42.16216	-42.00000	20.00000	-1.5922 d
						34.078	42.29730	-40.00000	20.00000	-1.6692 d
						36.082	42.43243	-38.00000	20.00000	-1.7504 d
						38.087	42.56757	-36.00000	20.00000	-1.8358 d
						40.091	42.70270	-34.00000	20.00000	-1.9257 d
						42.096	42.83784	-32.00000	20.00000	-2.0202 d
						44.100	42.97297	-30.00000	20.00000	-2.1191 d
						46.105	43.10811	-28.00000	20.00000	-2.2224 d
						48.109	43.24324	-26.00000	20.00000	-2.3300 d
						50.114	43.37838	-24.00000	20.00000	-2.4415 d
						52.119	43.51351	-22.00000	20.00000	-2.5564 d
						54.123	43.64865	-20.00000	20.00000	-2.6739 d
						56.128	43.78378	-18.00000	20.00000	-2.7927 d
						58.132	43.91892	-16.00000	20.00000	-2.9113 d
						60.137	44.05405	-14.00000	20.00000	-3.0273 d
						62.141	44.18919	-12.00000	20.00000	-3.1376 d
						64.146	44.32432	-10.00000	20.00000	-3.2379 d
						66.150	44.45946	-8.00000	20.00000	-3.3222 d
						68.155	44.59459	-6.00000	20.00000	-3.3827 d
						70.160	44.72973	-4.00000	20.00000	-3.4080 d
						72.164	44.86486	-2.00000	20.00000	-3.3830 d
						74.169	45.00000	0.00000	20.00000	-3.0672 d
11		TP No.1_1		TP No.1_1	0.0	0.0	96.00000	-16.00000	20.00000	-3.6871 d
						1.8634	94.33333	-15.16667	20.00000	-6.4188 d
						3.7268	92.66667	-14.33333	20.00000	-6.2618 d
						5.5902	91.00000	-13.50000	20.00000	-6.0981 d
						7.4536	89.33333	-12.66667	20.00000	-5.9337 d
						9.3169	87.66667	-11.83333	20.00000	-5.7684 d
12		TP No.1_2		TP No.1_2	0.0	0.0	86.00000	-11.00000	20.00000	-5.6054 d
						1.8634	85.16667	-12.66667	20.00000	-5.7465 d
						3.7268	84.33333	-14.33333	20.00000	-5.6327 d
						5.5902	83.50000	-16.00000	20.00000	-5.3467 d
						7.4536	82.66667	-17.66667	20.00000	-5.0400 d
						9.3169	81.83333	-19.33333	20.00000	-4.7187 d
13		TP No.1_3		TP No.1_3	0.0	0.0	81.00000	-21.00000	20.00000	-4.4736 d
						2.0454	79.14286	-20.14286	20.00000	-4.4413 d
						4.0908	77.28571	-19.28571	20.00000	-4.4087 d
						6.1362	75.42857	-18.42857	20.00000	-4.3759 d
						8.1816	73.57143	-17.57143	20.00000	-4.3427 d
						10.227	71.71429	-16.71429	20.00000	-4.3090 d
						12.272	69.85714	-15.85714	20.00000	-4.2745 d
14		TP No.1_4		TP No.1_4	0.0	0.0	68.00000	-15.00000	20.00000	-4.2389 d
						2.0900	67.16667	-16.91667	20.00000	-4.0004 d
						4.1800	66.33333	-18.83333	20.00000	-3.7720 d
						6.2700	65.50000	-20.75000	20.00000	-3.5547 d
						8.3600	64.66667	-22.66667	20.00000	-3.3490 d
						10.4500	63.83333	-24.58333	20.00000	-3.1552 d
15		TP No.1_5		TP No.1_5	0.0	0.0	63.00000	-26.50000	20.00000	-2.9729 d
						1.9699	64.76190	-27.38095	20.00000	-2.9761 d
						3.9397	66.52381	-28.26190	20.00000	-2.9787 d
						5.9096	68.28571	-29.14286	20.00000	-2.9805 d
						7.8795	70.04762	-30.02381	20.00000	-2.9817 d
						9.8493	71.80952	-30.90476	20.00000	-2.9822 d
						11.819	73.57143	-31.78571	20.00000	-2.9820 d
						13.789	75.33333	-32.66667	20.00000	-2.9811 d
						15.759	77.09524	-33.54762	20.00000	-2.9793 d
						17.729	78.85714	-34.42857	20.00000	-2.9767 d
						19.699	80.61905	-35.30952	20.00000	-2.9730 d
						21.669	82.38095	-36.19048	20.00000	-2.9684 d
						23.638	84.14286	-37.07143	20.00000	-2.9625 d
						25.608	85.90476	-37.95238	20.00000	-2.9554 d
						27.578	87.66667	-38.83333	20.00000	-2.9469 d
						29.548	89.42857	-39.71429	20.00000	-2.9369 d
						31.518	91.19048	-40.59524	20.00000	-2.9254 d
						33.488	92.95238	-41.47619	20.00000	-2.9121 d
						35.458	94.71429	-42.35714	20.00000	-2.8972 d
						37.428	96.47619	-43.23810	20.00000	-2.8805 d
						39.397	98.23810	-44.11905	20.00000	-2.8619 d
16		TP No.1_6		TP No.1_6	0.0	0.0	100.00000	-45.00000	20.00000	-2.8414 d
						2.0883	101.00000	-43.16667	20.00000	-3.0440 d
						4.1767	102.00000	-41.33333	20.00000	-3.2667 d
						6.2650	103.00000	-39.50000	20.00000	-3.5121 d
						8.3533	104.00000	-37.66667	20.00000	-3.7832 d
						10.442	105.00000	-35.83333	20.00000	-4.0838 d
17		TP No.1_7		TP No.1_7	0.0	0.0	106.00000	-34.00000	20.00000	-4.3182 d
						2.0691	104.12500	-33.12500	20.00000	-4.3335 d
						4.1382	102.25000	-32.25000	20.00000	-4.3432 d
						6.2074	100.37500	-31.37500	20.00000	-4.3476 d
						8.2765	98.50000	-30.50000	20.00000	-4.3466 d
						10.346	96.62500	-29.62500	20.00000	-4.3406 d
						12.415	94.75000	-28.75000	20.00000	-4.3299 d
						14.484	92.87500	-27.87500	20.00000	-4.3150 d
18		TP No.1_8		TP No.1_8	0.0	0.0	91.00000	-27.00000	20.00000	-4.2962 d
						2.0138	91.83333	-25.16667	20.00000	-4.5481 d
						4.0277	92.66667	-23.33333	20.00000	-4.7840 d
						6.0415	93.50000	-21.50000	20.00000	-4.9066 d
						8.0554	94.33333	-19.66667	20.00000	-4.9513 d
						10.069	95.16667	-17.83333	20.00000	-4.1809 d
19		TP No.2_1		TP No.2_1	0.0	12.083	96.00000	-16.00000	20.00000	-3.6871 d
						0.0	148.00000	-41.00000	20.00000	-3.0524 d
						1.9906	146.20000	-40.15000	20.00000	-3.1649 d
						3.9812	144.40000	-39.30000	20.00000	-3.2776 d
						5.9718	142.60000	-38.45000	20.00000	-3.3902 d
						7.9624	140.80000	-37.60000	20.00000	-3.5024 d
						9.9530	139.00000	-36.75000	20.00000	-3.6140 d
						11.944	137.20000	-35.90000	20.00000	-3.7242 d
						13.934	135.40000	-35.05000	20.00000	-3.8326 d
						15.925	133.60000	-34.20000	20.00000	-3.9385 d
						17.915	131.80000	-33.35000	20.00000	-4.0410 d
						19.906	130.00000	-32.50000	20.00000	-4.1393 d
						21.897	128.20000	-31.65000	20.00000	-4.2323 d
						23.887	126.40000	-30.80000	20.00000	-4.3188 d
						25.878	124.60000	-29.95000	20.00000	-4.3973 d
						27.868	122.80000	-29.10000	20.00000	-4.4665 d
						29.859	121.00000	-28.25000	20.00000	-4.5250 d
						31.850	119.20000	-27.40000	20.00000	-4.5718 d
						33.840	117.40000	-26.55000	20.00000	-4.6061 d
						35.831	115.60000	-25.70000	20.00000	-4.6271 d
						37.821	113.80000	-24.85000	20.00000	-4.6344 d
						39.812	112.00000	-24.00000	20.00000	-4.6273 d
20		TP No.2_2		TP No.2_2	0.0	0.0	112.00000	-24.00000	20.00000	-4.6273 d
						2.0591	111.00000	-25.80000	20.00000	-4.9355 d
						4.1183	110.00000	-27.60000	20.00000	-5.1766 d
						6.1774	109.00000	-29.40000	20.00000	-5.0950 d
						8.2365	108.00000	-31.20000	20.00000	-4.8024 d
						10.296	107.00000	-33.00000	20.00000	-4.4948 d
21		TP No.2_3		TP No.2_3	0.0	0.0	107.00000	-33.00000	20.00000	-4.4948 d
						1.9906	108.80000	-33.85000	20.00000	-4.4704 d
						3.9812	110.60000	-34.70000	20.00000	-4.4404 d
						5.9718	112.40000	-35.55000	20.00000	-4.4048 d
						7.9624	114.20000	-36.40000	20.00000	-4.3638 d
						9.9530	116.00000	-37.25000	20.00000	-4.3176 d
						11.944	117.80000	-38.10000	20.00000	-4.2665 d
						13.934	119.60000	-38.95000	20.00000	-4.2107 d
						15.925	121.40000	-39.80000	20.00000	-4.1505 d
						17.915	123.20000	-40.65000	20.00000	-4.0863 d
						19.906	125.00000	-41.50000	20.00000	-4.0183 d
						21.897	126.80000	-42.35000	20.00000	-3.9470 d
						23.887	128.60000	-43.20000	20.00000	-3.8726 d
						25.878	130.40000	-44.05000	20.00000	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
						[m]	[m]	[m]	[mm]	
						35.831	139.40000	-48.30000	20.00000	-3.3787 d
						37.821	141.20000	-49.15000	20.00000	-3.2911 d
						39.812	143.00000	-50.00000	20.00000	-3.2027 d
22		TP No.2_4		TP No.2_4	0.0	0.0	143.00000	-50.00000	20.00000	-3.2027 d
						2.0591	144.00000	-48.20000	20.00000	-3.3338 d
						4.1183	145.00000	-46.40000	20.00000	-3.4945 d
						6.1774	146.00000	-44.60000	20.00000	-3.6172 d
						8.2365	147.00000	-42.80000	20.00000	-3.5420 d
						10.296	148.00000	-41.00000	20.00000	-3.0524 d
23		TP No.3_1		TP No.3_1	0.0	0.0	200.00000	-55.00000	20.00000	-1.4879 d
						2.0396	198.16000	-54.12000	20.00000	-1.5769 d
						4.0792	196.32000	-53.24000	20.00000	-1.6724 d
						6.1188	194.48000	-52.36000	20.00000	-1.7750 d
						8.1584	192.64000	-51.48000	20.00000	-1.8852 d
						10.198	190.80000	-50.60000	20.00000	-2.0034 d
						12.238	188.96000	-49.72000	20.00000	-2.1302 d
						14.277	187.12000	-48.84000	20.00000	-2.2020 d
						16.317	185.28000	-47.96000	20.00000	-2.2747 d
						18.356	183.44000	-47.08000	20.00000	-2.3681 d
						20.396	181.60000	-46.20000	20.00000	-2.4479 d
						22.436	179.76000	-45.32000	20.00000	-2.4869 d
						24.475	177.92000	-44.44000	20.00000	-2.3371 d
						26.515	176.08000	-43.56000	20.00000	-1.9211 d
						28.555	174.24000	-42.68000	20.00000	-1.4245 d
						30.594	172.40000	-41.80000	20.00000	-0.86808 d
						32.634	170.56000	-40.92000	20.00000	-0.29597 d
						34.673	168.72000	-40.04000	20.00000	0.25524 d
						36.713	166.88000	-39.16000	20.00000	0.74505 d
						38.753	165.04000	-38.28000	20.00000	1.1332 d
						40.792	163.20000	-37.40000	20.00000	1.3838 d
						42.832	161.36000	-36.52000	20.00000	1.4684 d
						44.871	159.52000	-35.64000	20.00000	1.3744 d
						46.911	157.68000	-34.76000	20.00000	1.2244 d
						48.951	155.84000	-33.88000	20.00000	1.0682 d
						50.990	154.00000	-33.00000	20.00000	0.90460 d
24		TP No.3_2		TP No.3_2	0.0	0.0	154.00000	-33.00000	20.00000	0.90460 d
						1.9166	153.14286	-34.71429	20.00000	0.027399 d
						3.8333	152.28571	-36.42857	20.00000	-0.82248 d
						5.7499	151.42857	-38.14286	20.00000	-1.6092 d
						7.6665	150.57143	-39.85714	20.00000	-2.3048 d
						9.5831	149.71429	-41.57143	20.00000	-2.8924 d
						11.500	148.85714	-43.28571	20.00000	-3.3672 d
						13.416	148.00000	-45.00000	20.00000	-3.5156 d
25		TP No.3_3		TP No.3_3	0.0	0.0	148.00000	-45.00000	20.00000	-3.5156 d
						2.0227	149.84000	-45.84000	20.00000	-3.3917 d
						4.0453	151.68000	-46.68000	20.00000	-3.2674 d
						6.0680	153.52000	-47.52000	20.00000	-3.1430 d
						8.0907	155.36000	-48.36000	20.00000	-3.0190 d
						10.113	157.20000	-49.20000	20.00000	-2.9046 d
						12.136	159.04000	-50.04000	20.00000	-2.8023 d
						14.159	160.88000	-50.88000	20.00000	-2.7088 d
						16.181	162.72000	-51.72000	20.00000	-2.6201 d
						18.204	164.56000	-52.56000	20.00000	-2.5331 d
						20.227	166.40000	-53.40000	20.00000	-2.4467 d
						22.249	168.24000	-54.24000	20.00000	-2.3640 d
						24.272	170.08000	-55.08000	20.00000	-2.2932 d
						26.295	171.92000	-55.92000	20.00000	-2.2497 d
						28.317	173.76000	-56.76000	20.00000	-2.1640 d
						30.340	175.60000	-57.60000	20.00000	-2.0596 d
						32.363	177.44000	-58.44000	20.00000	-1.9594 d
						34.385	179.28000	-59.28000	20.00000	-1.8636 d
						36.408	181.12000	-60.12000	20.00000	-1.7721 d
						38.431	182.96000	-60.96000	20.00000	-1.6850 d
						40.453	184.80000	-61.80000	20.00000	-1.6021 d
						42.476	186.64000	-62.64000	20.00000	-1.5234 d
						44.499	188.48000	-63.48000	20.00000	-1.4488 d
						46.521	190.32000	-64.32000	20.00000	-1.3781 d
						48.544	192.16000	-65.16000	20.00000	-1.3112 d
						50.567	194.00000	-66.00000	20.00000	-1.2480 d
26		TP No.3_4		TP No.3_4	0.0	0.0	194.00000	-66.00000	20.00000	-1.2480 d
						2.0883	195.00000	-64.16667	20.00000	-1.2877 d
						4.1767	196.00000	-62.33333	20.00000	-1.3278 d
						6.2650	197.00000	-60.50000	20.00000	-1.3680 d
						8.3533	198.00000	-58.66667	20.00000	-1.4083 d
						10.442	199.00000	-56.83333	20.00000	-1.4483 d
						12.530	200.00000	-55.00000	20.00000	-1.4879 d
27		Hospital No.1_1		Hospital No.1_1	0.0	0.0	189.00000	-19.00000	19.00000	1.4788 d
						2.0000	189.00000	-21.00000	19.00000	1.5604 d
						4.0000	189.00000	-23.00000	19.00000	1.4702 d
						6.0000	189.00000	-25.00000	19.00000	1.2234 d
						8.0000	189.00000	-27.00000	19.00000	0.84510 d
						10.000	189.00000	-29.00000	19.00000	0.36823 d
						12.000	189.00000	-31.00000	19.00000	-0.16929 d
28		Hospital No.1_2		Hospital No.1_2	0.0	0.0	189.00000	-31.00000	19.00000	-0.16929 d
						1.9474	190.94737	-31.00000	19.00000	-0.74358 d
						3.8947	192.89474	-31.00000	19.00000	-1.2978 d
						5.8421	194.84211	-31.00000	19.00000	-1.8068 d
						7.7895	196.78947	-31.00000	19.00000	-2.2549 d
						9.7368	198.73684	-31.00000	19.00000	-2.4085 d
						11.684	200.68421	-31.00000	19.00000	-2.3888 d
						13.632	202.63158	-31.00000	19.00000	-2.3260 d
						15.579	204.57895	-31.00000	19.00000	-2.2559 d
						17.526	206.52632	-31.00000	19.00000	-2.2284 d
						19.474	208.47368	-31.00000	19.00000	-2.1160 d
						21.421	210.42105	-31.00000	19.00000	-2.0018 d
						23.368	212.36842	-31.00000	19.00000	-1.8948 d
						25.316	214.31579	-31.00000	19.00000	-1.7946 d
						27.263	216.26316	-31.00000	19.00000	-1.7006 d
						29.211	218.21053	-31.00000	19.00000	-1.6125 d
						31.158	220.15789	-31.00000	19.00000	-1.5300 d
						33.105	222.10526	-31.00000	19.00000	-1.4526 d
						35.053	224.05263	-31.00000	19.00000	-1.3800 d
						37.000	226.00000	-31.00000	19.00000	-1.3119 d
29		Hospital No.1_3		Hospital No.1_3	0.0	0.0	226.00000	-31.00000	19.000.	



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	dz
					[m]	[m]	[m]	[m]	[mm]	
33	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	Hospital No.2_1	0.0	23.000	189.00000	-19.00000	19.00000	1.4788 d
						0.0	189.00000	37.00000	19.00000	-2.8087 d
						2.0000	189.00000	35.00000	19.00000	-2.7688 d
						4.0000	189.00000	33.00000	19.00000	-2.6900 d
						6.0000	189.00000	31.00000	19.00000	-2.5823 d
						8.0000	189.00000	29.00000	19.00000	-2.4591 d
						10.000	189.00000	27.00000	19.00000	-2.3321 d
						12.000	189.00000	25.00000	19.00000	-2.2083 d
						14.000	189.00000	23.00000	19.00000	-2.0895 d
						16.000	189.00000	21.00000	19.00000	-1.9742 d
						18.000	189.00000	19.00000	19.00000	-1.8603 d
						20.000	189.00000	17.00000	19.00000	-1.7460 d
						22.000	189.00000	15.00000	19.00000	-1.6302 d
						24.000	189.00000	13.00000	19.00000	-1.5113 d
						26.000	189.00000	11.00000	19.00000	-1.3875 d
						28.000	189.00000	9.00000	19.00000	-1.2566 d
						30.000	189.00000	7.00000	19.00000	-1.1172 d
34	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	Hospital No.2_2	0.0	32.000	189.00000	5.00000	19.00000	-0.96868 d
						0.0	189.00000	5.00000	19.00000	-0.96868 d
						2.0000	191.00000	5.00000	19.00000	-1.6276 d
						4.0000	193.00000	5.00000	19.00000	-2.2920 d
						6.0000	195.00000	5.00000	19.00000	-2.9131 d
						8.0000	197.00000	5.00000	19.00000	-3.4553 d
						10.000	199.00000	5.00000	19.00000	-3.8982 d
						12.000	201.00000	5.00000	19.00000	-4.2240 d
						14.000	203.00000	5.00000	19.00000	-4.0738 d
						16.000	205.00000	5.00000	19.00000	-3.8644 d
						18.000	207.00000	5.00000	19.00000	-3.6442 d
						20.000	209.00000	5.00000	19.00000	-3.4794 d
						22.000	211.00000	5.00000	19.00000	-3.2479 d
						24.000	213.00000	5.00000	19.00000	-3.0206 d
						26.000	215.00000	5.00000	19.00000	-2.8127 d
						28.000	217.00000	5.00000	19.00000	-2.6224 d
						30.000	219.00000	5.00000	19.00000	-2.4479 d
32.000	221.00000	5.00000	19.00000	-2.2879 d						
34.000	223.00000	5.00000	19.00000	-2.1410 d						
36.000	225.00000	5.00000	19.00000	-2.0059 d						
35	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	Hospital No.2_3	0.0	0.0	225.00000	5.00000	19.00000	-2.0059 d
						2.0000	225.00000	7.00000	19.00000	-2.0307 d
						4.0000	225.00000	9.00000	19.00000	-2.0537 d
						6.0000	225.00000	11.00000	19.00000	-2.0746 d
						8.0000	225.00000	13.00000	19.00000	-2.0935 d
						10.000	225.00000	15.00000	19.00000	-2.1103 d
						12.000	225.00000	17.00000	19.00000	-2.1249 d
						14.000	225.00000	19.00000	19.00000	-2.1373 d
						16.000	225.00000	21.00000	19.00000	-2.1475 d
						18.000	225.00000	23.00000	19.00000	-2.1554 d
						20.000	225.00000	25.00000	19.00000	-2.1610 d
						22.000	225.00000	27.00000	19.00000	-2.1642 d
						24.000	225.00000	29.00000	19.00000	-2.1651 d
						26.000	225.00000	31.00000	19.00000	-2.1636 d
						28.000	225.00000	33.00000	19.00000	-2.1598 d
						30.000	225.00000	35.00000	19.00000	-2.1536 d
						32.000	225.00000	37.00000	19.00000	-2.1450 d
36	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	Hospital No.2_4	0.0	0.0	225.00000	37.00000	19.00000	-2.1450 d
						2.0000	223.00000	37.00000	19.00000	-2.2950 d
						4.0000	221.00000	37.00000	19.00000	-2.4589 d
						6.0000	219.00000	37.00000	19.00000	-2.6383 d
						8.0000	217.00000	37.00000	19.00000	-2.8350 d
						10.000	215.00000	37.00000	19.00000	-3.0511 d
						12.000	213.00000	37.00000	19.00000	-3.2889 d
						14.000	211.00000	37.00000	19.00000	-3.5511 d
						16.000	209.00000	37.00000	19.00000	-3.8177 d
						18.000	207.00000	37.00000	19.00000	-4.0340 d
						20.000	205.00000	37.00000	19.00000	-4.3121 d
						22.000	203.00000	37.00000	19.00000	-4.5890 d
						24.000	201.00000	37.00000	19.00000	-4.8179 d
						26.000	199.00000	37.00000	19.00000	-4.5781 d
						28.000	197.00000	37.00000	19.00000	-4.2610 d
						30.000	195.00000	37.00000	19.00000	-3.8801 d
						32.000	193.00000	37.00000	19.00000	-3.4695 d
34.000	191.00000	37.00000	19.00000	-3.0854 d						
36.000	189.00000	37.00000	19.00000	-2.8087 d						
37	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	Hospital No.3_1	0.0	0.0	189.00000	77.00000	19.00000	-1.4070 d
						1.9375	189.00000	75.06250	19.00000	-1.2883 d
						3.8750	189.00000	73.12500	19.00000	-1.1620 d
						5.8125	189.00000	71.18750	19.00000	-1.0276 d
						7.7500	189.00000	69.25000	19.00000	-0.88532 d
						9.6875	189.00000	67.31250	19.00000	-0.73679 d
						11.6250	189.00000	65.37500	19.00000	-0.59216 d
						13.563	189.00000	63.43750	19.00000	-0.56399 d
						15.500	189.00000	61.50000	19.00000	-0.70012 d
						17.438	189.00000	59.56250	19.00000	-0.95568 d
						19.375	189.00000	57.62500	19.00000	-1.2103 d
						21.313	189.00000	55.68750	19.00000	-1.4564 d
						23.250	189.00000	53.75000	19.00000	-1.6914 d
						25.188	189.00000	51.81250	19.00000	-1.9130 d
						27.125	189.00000	49.87500	19.00000	-2.1187 d
						29.063	189.00000	47.93750	19.00000	-2.3053 d
						31.000	189.00000	46.00000	19.00000	-2.4693 d
38	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	Hospital No.3_2	0.0	0.0	189.00000	46.00000	19.00000	-2.4693 d
						1.8000	190.80000	46.00000	19.00000	-2.7360 d
						3.6000	192.60000	46.00000	19.00000	-3.0938 d
						5.4000	194.40000	46.00000	19.00000	-3.4831 d
						7.2000	196.20000	46.00000	19.00000	-3.8590 d
						9.0000	198.00000	46.00000	19.00000	-4.1915 d
						0.0	198.00000	46.00000	19.00000	-4.1915 d
						1.8000	198.00000	47.80000	19.00000	-4.1128 d
						3.6000	198.00000	49.60000	19.00000	-4.0250 d
						5.4000	198.00000	51.40000	19.00000	-3.9287 d
						7.2000	198.00000	53.20000	19.00000	-3.8248 d
						9.0000	198.00000	55.00000	19.00000	-3.7139 d
						0.0	198.00000	55.00000	19.00000	-3.7139 d
						2.0000	200.00000	55.00000	19.00000	-4.0697 d
						4.0000	202.00000	55.00000	19.00000	-4.1508 d
						6.0000	204.00000	55.00000	19.00000	-3.9510 d
						8.0000	206.00000	55.00000	19.00000	-3.7177 d
10.000	208.00000	55.00000	19.00000	-3.5052 d						
12.000	210.00000	55.00000	19.00000	-3.3257 d						
14.000	212.00000	55.00000	19.00000	-3.0854 d						
16.000	214.00000	55.00000	19.00000	-2.8672 d						
18.000	216.00000	55.00000	19.00000	-2.6688 d						
20.000	218.00000	55.00000	19.00000	-2.4879 d						
22.000	220.00000	55.00000	19.00000	-2.3227 d						
24.000	222.00000	55.00000	19.00000	-2.1716 d						
41	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	Hospital No.3_5	0.0	0.0	222.00000	55.00000	19.00000	-2.1716 d
						1.8000	222.00000	53.20000	19.00000	-2.2005 d
						3.6000	222.00000	51.40000	19.00000	-2.2277 d
						5.4000	222.00000	49.60000	19.00000	-2.2531 d
						7.2000	222.00000	47.80000	19.00000	-2.2766 d
						9.0000	222.00000	46.00000	19.00000	-2.2982 d
						0.0	222.00000	46.00000	19.00000	-2.2982 d
						2.0000	224.00000	46.00000	19.00000	-2.1482 d
						4.0000	226.00000	46.00000	19.00000	-2.0107 d
						6.0000	228.00000	46.00000	19.00000	-1.8846 d
						8.0000	230.00000	46.00000	19.00000	-1.7686 d
						0.0	230.00000	46.00000	19.00000	-1.7686 d
						1.9375	230.00000	47.93750	19.00000	-1.7525 d
						3.8750	230.00000	49.87500	19.00000	-1.7350 d
						5.8125	230.00000	51.81250	19.00000	-1.7159 d
						7.7500	230.00000	53.75000	19.00000	-1.6955 d
						9.6875	230.00000	55.68750	19.00000	-1.6738 d
11.6250	230.00000	57.62500	19.00000	-1.6508 d						
13.563	230.00000	59.56250	19.00000	-1.6266 d						
15.500	230.00000	61.50000	19.00000	-1.6014 d						
17.438	230.00000	63.43750	19.00000	-1.5751 d						
19.375	230.00000	65.37500	19.00000	-1.5479 d						
21.313	230.00000	67.31250	19.00000	-1.5198 d						
23.250	230.00000	69.25000	19.00000	-1.4910 d						
25.188	230.00000	71.18750	19.00000	-1.4616 d						
27.125	230.00000	73.12500	19.00000	-1.4315 d						



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

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]
						29.063	230.00000	75.06250	19.00000	-1.4010 d
						31.000	230.00000	77.00000	19.00000	-1.3701 d
		44	Hospital No.3_8	Hospital No.3_8	0.0	0.0	230.00000	77.00000	19.00000	-1.3701 d
						1.9524	228.04762	77.00000	19.00000	-1.4463 d
						3.9048	226.09524	77.00000	19.00000	-1.5280 d
						5.8571	224.14286	77.00000	19.00000	-1.6159 d
						7.8095	222.19048	77.00000	19.00000	-1.7104 d
						9.7619	220.23810	77.00000	19.00000	-1.8123 d
						11.714	218.28571	77.00000	19.00000	-1.9220 d
						13.667	216.33333	77.00000	19.00000	-2.0405 d
						15.619	214.38095	77.00000	19.00000	-2.1686 d
						17.571	212.42857	77.00000	19.00000	-2.3071 d
						19.524	210.47619	77.00000	19.00000	-2.4570 d
						21.476	208.52381	77.00000	19.00000	-2.6194 d
						23.429	206.57143	77.00000	19.00000	-2.7955 d
						25.381	204.61905	77.00000	19.00000	-2.9223 d
						27.333	202.66667	77.00000	19.00000	-3.0490 d
						29.286	200.71429	77.00000	19.00000	-3.2010 d
						31.238	198.76190	77.00000	19.00000	-3.3309 d
						33.190	196.80952	77.00000	19.00000	-3.4037 d
						35.143	194.85714	77.00000	19.00000	-3.0412 d
						37.095	192.90476	77.00000	19.00000	-2.5795 d
						39.048	190.95238	77.00000	19.00000	-2.0300 d
						41.000	189.00000	77.00000	19.00000	-1.4070 d

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage Min Ref.	Stage Name	Specific Building: Building:	Specific Building: Name	Sub-building Name	Vertical Offset	Segment	Start	Length	Curvature	Deflection	Average	Max	Max Gradient	Max Gradient
Radius of Curvature					from Line for					Ratio	Horizontal	Tensile	of	of Vertical
Curvature		Ref.			Vertical Calculations [m]		[m]	[m]		[%]	[%]	[%]	Displacement Curve	Displacement Curve
[m]														
0	Base Model 1		Canal Side Studios_1	Canal Side Studios_1	0.0	1	0.0	4.5485	Sagging	0.025215	-0.038879	0.018147	910.83E-6	-0.0013719
1486.5 0 (Negligible)						2	4.5485	5.0467	None	0.015138	40.790E-6	0.014498	-408.68E-9	-0.0012239
5530.7 0 (Negligible)						3	9.5951	10.473	Sagging	0.031415	41.144E-6	0.035329	-413.94E-9	-0.0012410
3608.5 0 (Negligible)						4	20.068	9.1440	Hogging	0.019576	41.581E-6	0.018890	-418.29E-9	819.72E-6
5547.9 0 (Negligible)						5	29.212	5.7879	Sagging	0.10112	-0.098927	0.072810	0.0016176	0.0042460
395.70 1 (Very Slight)			Canal Side Studios_2	Canal Side Studios_2	0.0	1	0.0	20.000	Hogging	0.035390	0.011004	0.049518	818.08E-6	0.0026315
3566.4 0 (Negligible)			Canal Side Studios_3	Canal Side Studios_3	0.0	1	0.0	11.422	None	29.452E-6	0.0	35.012E-6	0.0	2.2886E-6
3.9476E+6 0 (Negligible)						2	11.422	6.9297	None	3.9755E-6	0.0	3.6836E-6	0.0	2.2886E-6
22.881E+6 0 (Negligible)						3	18.351	10.413	None	8.4982E-6	0.0	9.4771E-6	0.0	2.5509E-6
14.211E+6 0 (Negligible)						4	28.765	6.2355	None	9.6960E-6	0.0	9.0480E-6	0.0	2.5509E-6
4.6650E+6 0 (Negligible)			Canal Side Studios_4	Canal Side Studios_4	0.0	1	0.0	20.000	Hogging	0.038451	0.032635	0.074480	-524.96E-6	-0.0036934
830.65 1 (Very Slight)			Beaumont Court_1	Beaumont Court_1	0.0	1	0.0	2.7848	None	942.62E-6	925.79E-6	0.0014608	-30.022E-6	-201.89E-6
26030. 0 (Negligible)						2	2.7848	15.243	None	808.32E-6	346.70E-6	0.0011419	-30.022E-6	-201.89E-6
76910. 0 (Negligible)			Beaumont Court_2	Beaumont Court_2	0.0	1	0.0	11.045	None	0.0068463	0.014404	0.019577	-371.79E-6	480.01E-6
6142.1 0 (Negligible)			Beaumont Court_3	Beaumont Court_3	0.0	1	0.0	7.0000	None	74.532E-6	0.0	72.491E-6	0.0	46.478E-6
1.1449E+6 0 (Negligible)			Beaumont Court_4	Beaumont Court_4	0.0	1	0.0	11.872	None	303.39E-6	0.0	280.42E-6	0.0	-45.718E-6
211540. 0 (Negligible)						2	11.872	51.326	None	442.14E-6	0.0	656.71E-6	0.0	-45.667E-6
1.1690E+6 0 (Negligible)			Beaumont Court_5	Beaumont Court_5	0.0	1	0.0	12.042	None	399.56E-9	0.0	393.39E-9	0.0	5.8197E-6
310.11E+6 0 (Negligible)			Beaumont Court_6	Beaumont Court_6	0.0	1	0.0	55.621	None	605.07E-6	0.0	880.94E-6	0.0	59.284E-6
895220. 0 (Negligible)						2	55.621	18.548	None	0.0022327	968.25E-6	0.0034964	-89.583E-6	-157.55E-6
11451. 0 (Negligible)			TP No.1_1	TP No.1_1	0.0	1	0.0	7.4992	Hogging	0.028842	-0.0038641	0.027210	167.28E-6	0.0014662
961.80 0 (Negligible)						2	7.4992	3.6811	None	29.703E-6	388.18E-6	395.14E-6	-3.8818E-6	-88.690E-6
1.2665E+6 0 (Negligible)			TP No.1_2	TP No.1_2	0.0	1	0.0	7.2358	None	0.0041461	0.021308	0.023187	-370.98E-6	-164.59E-6
12611. 0 (Negligible)						2	7.2358	3.9445	None	237.33E-6	0.0	235.71E-6	0.0	-164.59E-6
211700. 0 (Negligible)			TP No.1_3	TP No.1_3	0.0	1	0.0	14.318	None	22.451E-6	0.0	20.564E-6	0.0	-17.396E-6
3.5718E+6 0 (Negligible)			TP No.1_4	TP No.1_4	0.0	1	0.0	12.540	None	407.26E-6	0.0	380.62E-6	0.0	-114.12E-6
373550. 0 (Negligible)			TP No.1_5	TP No.1_5	0.0	1	0.0	41.367	None	156.40E-6	0.0	235.43E-6	0.0	-10.391E-6
2.0500E+6 0 (Negligible)			TP No.1_6	TP No.1_6	0.0	1	0.0	8.5586	None	567.47E-6	0.0	549.57E-6	0.0	143.94E-6
168600. 0 (Negligible)						2	8.5586	3.9714	None	789.46E-6	0.014574	0.014773	-277.07E-6	143.94E-6
48399. 0 (Negligible)			TP No.1_7	TP No.1_7	0.0	1	0.0	16.553	None	237.68E-6	103.61E-6	328.41E-6	-1.0361E-6	-9.0825E-6
778620. 0 (Negligible)			TP No.1_8	TP No.1_8	0.0	1	0.0	0.33772	None	0.0	0.037432	0.037432	-374.18E-6	125.08E-6
498650. 0 (Negligible)						2	0.33772	11.745	None	0.0075192	0.037526	0.042860	-379.66E-6	-245.14E-6
14998. 0 (Negligible)			TP No.2_1	TP No.2_1	0.0	1	0.0	2.7460	None	985.08E-9	122.31E-6	122.49E-6	-1.2231E-6	56.594E-6
28.113E+6 0 (Negligible)						2	2.7460	37.066	None	818.54E-6	122.31E-6	0.0013291	-1.2231E-6	56.594E-6
272140. 0 (Negligible)			TP No.2_2	TP No.2_2	0.0	1	0.0	9.5829	None	0.0058296	0.036935	0.040375	-369.21E-6	149.61E-6
18449. 0 (Negligible)						2	9.5829	0.71268	None	0.0	0.036935	0.036935	-369.21E-6	-149.35E-6
125160. 0 (Negligible)			TP No.2_3	TP No.2_3	0.0	1	0.0	39.812	None	434.36E-6	122.31E-6	772.23E-6	-1.2231E-6	-44.411E-6
688080. 0 (Negligible)			TP No.2_4	TP No.2_4	0.0	1	0.0	2.4128	None	178.56E-6	0.036935	0.036963	-369.21E-6	78.022E-6
91308. 0 (Negligible)						2	2.4128	7.8828	None	0.0051846	0.036935	0.039484	-369.21E-6	-237.68E-6
9057.7 0 (Negligible)			TP No.3_1	TP No.3_1	0.0	1	0.0	9.2190	None	200.38E-6	0.0	193.08E-6	0.0	57.964E-6
517240. 0 (Negligible)						2	9.2190	6.1439	None	630.86E-6	0.0081176	0.0083619	-230.32E-6	62.155E-6
166860. 0 (Negligible)						3	15.363	1.7242	None	249.89E-6	0.023037	0.023065	-230.32E-6	45.783E-6
583650. 0 (Negligible)						4	17.087	14.418	None	0.0061966	0.019910	0.025152	-230.32E-6	-280.48E-6
20919. 0 (Negligible)						5	31.505	19.485	Sagging	0.0065269	-0.016530	0.0047695	-479.77E-6	-280.48E-6
25733. 0 (Negligible)			TP No.3_2	TP No.3_2	0.0	1	0.0	13.416	None	0.0050818	0.045590	0.049637	-568.12E-6	457.42E-6
9684.3 0 (Negligible)			TP No.3_3	TP No.3_3	0.0	1	0.0	4.0864	None	4.8760E-6	73.299E-6	74.565E-6	-732.99E-9	-61.513E-6
8.9068E+6 0 (Negligible)						2	4.0864	20.676	None	387.16E-6	-479.58E-6	242.44E-6	-110.89E-6	-61.513E-6
299780. 0 (Negligible)						3	24.762	6.0899	None	484.91E-6	0.0035095	0.0036958	-110.89E-6	-51.607E-6
215950. 0 (Negligible)						4	30.852	19.715	None	249.22E-6	0.0	268.47E-6	0.0	-49.509E-6
943660. 0 (Negligible)			TP No.3_4	TP No.3_4	0.0	1	0.0	6.0940	None	4.4110E-6	0.0	4.3273E-6	0.0	19.272E-6
11.842E+6 0 (Negligible)						2	6.0940	6.4360	None	5.5403E-6	0.0	5.4717E-6	0.0	19.272E-6



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage: Min Ref.	Stage: Name Damage Category	Specific Building: Building: Name	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Segment	Start	Length	Curvature	Deflection	Average Ratio	Max Tensile	Max Gradient of	Max Gradient of Vertical
9.1729E+6	0 (Negligible)	27	Hospital No.1_1	Hospital No.1_1	0.0	1	0.0	12.000	None	0.0047323	-0.026375	0.0055035	503.48E-6	268.75E-6
22740.0	0 (Negligible)	28	Hospital No.1_2	Hospital No.1_2	0.0	1	0.0	21.046	Hogging	0.0066441	0.016641	0.026369	-272.96E-6	294.87E-6
18556.0	0 (Negligible)	29	Hospital No.1_3	Hospital No.1_3	0.0	1	0.0	4.8114	None	2.1592E-6	0.0	2.0385E-6	0.0	19.702E-6
565610.0	0 (Negligible)	30	Hospital No.1_4	Hospital No.1_4	0.0	1	0.0	14.000	None	498.42E-6	0.0	757.06E-6	0.0	89.125E-6
20.764E+6	0 (Negligible)	31	Hospital No.1_5	Hospital No.1_5	0.0	1	0.0	10.000	None	40.795E-6	0.0	58.830E-6	0.0	-37.056E-6
4.0305E+6	0 (Negligible)	32	Hospital No.1_6	Hospital No.1_6	0.0	1	0.0	22.391	Hogging	0.010115	0.035806	0.050836	-541.13E-6	-441.80E-6
272420.0	0 (Negligible)	33	Hospital No.2_1	Hospital No.2_1	0.0	1	0.0	9.4519	None	721.24E-6	378.64E-9	0.0010213	-3.7870E-9	-63.476E-6
2.1922E+6	0 (Negligible)	34	Hospital No.2_2	Hospital No.2_2	0.0	1	0.0	1.4455	None	0.0	0.056908	0.056908	-568.76E-6	329.29E-6
13668.1	1 (Very Slight)	35	Hospital No.2_3	Hospital No.2_3	0.0	1	0.0	32.000	None	225.00E-6	0.0	248.87E-6	0.0	12.424E-6
485450.1	1 (Very Slight)	36	Hospital No.2_4	Hospital No.2_4	0.0	1	0.0	13.628	None	783.22E-6	0.0	0.0011896	0.0	131.09E-6
96170.0	0 (Negligible)	37	Hospital No.3_1	Hospital No.3_1	0.0	1	0.0	7.9872	None	212.25E-6	0.0073035	0.0073098	-71.349E-6	-76.657E-6
966530.0	0 (Negligible)	38	Hospital No.3_2	Hospital No.3_2	0.0	1	0.0	5.0129	None	626.83E-6	0.040999	0.041506	-552.33E-6	216.10E-6
429070.0	0 (Negligible)	39	Hospital No.3_3	Hospital No.3_3	0.0	1	0.0	9.0000	None	272.26E-6	245.71E-9	378.48E-6	-2.4571E-9	-61.614E-6
227740.1	1 (Very Slight)	40	Hospital No.3_4	Hospital No.3_4	0.0	1	0.0	7.7768	None	281.95E-6	0.034702	0.034868	-374.86E-6	-116.60E-6
14318.1	1 (Very Slight)	41	Hospital No.3_5	Hospital No.3_5	0.0	1	0.0	9.0000	None	61.246E-6	0.0	85.080E-6	0.0	16.046E-6
482300.0	0 (Negligible)	42	Hospital No.3_6	Hospital No.3_6	0.0	1	0.0	8.0000	None	282.21E-6	0.0	371.68E-6	0.0	-75.009E-6
217080.0	0 (Negligible)	43	Hospital No.3_7	Hospital No.3_7	0.0	1	0.0	31.000	None	104.31E-6	0.0	117.91E-6	0.0	-15.955E-6
227610.0	0 (Negligible)	44	Hospital No.3_8	Hospital No.3_8	0.0	1	0.0	21.167	None	590.85E-6	0.0	821.86E-6	0.0	83.195E-6
1.6867E+6	0 (Negligible)	45	Beaumont Court_1	Beaumont Court_1	0.0	5	0.0	942.62E-6	925.79E-6	3.0672	0.0014608	0.00226	-201.89E-6	-30.022E-6
184170.0	0 (Negligible)	46	Beaumont Court_2	Beaumont Court_2	0.0	6	0.0	0.0068463	0.014404	480.01E-6	2.3471	0.019577	-371.79E-6	480.01E-6
466690.0	0 (Negligible)	47	Beaumont Court_3	Beaumont Court_3	0.0	7	0.0	74.532E-6	0.0	46.478E-6	2.6551	72.491E-6	0.0	46.478E-6
224230.0	0 (Negligible)	48	Beaumont Court_4	Beaumont Court_4	0.0	8	0.0	442.14E-6	0.0	-45.718E-6	2.6551	656.71E-6	0.0	-45.718E-6
15172.0	0 (Negligible)	49	Beaumont Court_5	Beaumont Court_5	0.0	9	0.0	399.56E-9	0.0	5.8197E-6	0.78916	393.39E-9	0.0	5.8197E-6
31374.1	1 (Very Slight)	50	Beaumont Court_6	Beaumont Court_6	0.0	10	0.0	0.0022327	968.25E-6	-157.55E-6	3.4071	0.0034964	-89.583E-6	-157.55E-6
472750.0	0 (Negligible)	51	TP No.1_1	TP No.1_1	0.0	11	0.0	0.028842	-0.0038641	0.0014662	6.4162	0.027210	167.28E-6	0.0014662
26701.0	0 (Negligible)	52	TP No.1_2	TP No.1_2	0.0	12	0.0	0.0041461	0.021308	-164.59E-6	5.7442	0.023187	-370.98E-6	-164.59E-6
158770.0	0 (Negligible)	53	TP No.1_3	TP No.1_3	0.0	13	0.0	22.451E-6	0.0	-17.396E-6	4.4736	20.564E-6	0.0	-17.396E-6
30542.1	1 (Very Slight)	54	TP No.1_4	TP No.1_4	0.0	14	0.0	407.26E-6	0.0	-114.12E-6	4.2389	380.62E-6	0.0	-114.12E-6
63519.0	0 (Negligible)	55	TP No.1_5	TP No.1_5	0.0	15	0.0	156.40E-6	0.0	-10.391E-6	2.9822	235.43E-6	0.0	-10.391E-6
347860.0	0 (Negligible)	56	TP No.1_6	TP No.1_6	0.0	16	0.0	789.46E-6	0.014574	143.94E-6	4.3182	0.014773	-277.07E-6	143.94E-6
14490.0	0 (Negligible)	57	TP No.1_7	TP No.1_7	0.0	17	0.0	237.68E-6	103.61E-6	-9.0825E-6	4.3475	328.41E-6	-1.0361E-6	-9.0825E-6
389840.0	0 (Negligible)	58	TP No.1_8	TP No.1_8	0.0	18	0.0	0.0075192	0.037526	-245.14E-6	4.9061	0.042860	-379.66E-6	-245.14E-6
241960.0	0 (Negligible)	59	TP No.2_1	TP No.2_1	0.0	19	0.0	818.54E-6	122.31E-6	56.594E-6	4.6340	0.0013291	-1.2231E-6	56.594E-6
202700.0	0 (Negligible)	60	TP No.2_2	TP No.2_2	0.0	20	0.0	0.0058296	0.036935	149.61E-6	5.1748	0.040375	-369.21E-6	149.61E-6
1.6565E+6	0 (Negligible)	61	TP No.2_3	TP No.2_3	0.0	21	0.0	434.36E-6	122.31E-6	-44.411E-6	4.4948	772.23E-6	-1.2231E-6	-44.411E-6
310510.0	0 (Negligible)	62	TP No.2_4	TP No.2_4	0.0	22	0.0	0.0051846	0.036935	-237.68E-6	3.6159	0.039484	-369.21E-6	-237.68E-6
2.4624E+6	0 (Negligible)	63	TP No.3_1	TP No.3_1	0.0	23	0.0	0.0065269	0.023037	-280.48E-6	2.4849	0.025152	479.77E-6	-280.48E-6

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

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building:		Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope Settlement [mm]	Max Tensile Strain [%]	Max Gradient of Horizontal Displacement Curve	Max Gradient of Vertical Displacement Curve	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
			Name											
0	Base Model	1	Canal Side Studios_1	Canal Side Studios_1	0.0	0.10112	-0.098927	0.0042460	28.837	0.072810	0.0016176	0.0042460	5547.9	395.70
1	(Very Slight)	2	Canal Side Studios_2	Canal Side Studios_2	0.0	0.035390	0.011004	0.0026315	17.418	0.049518	818.08E-6	0.0026315	3566.4	-
0	(Negligible)	3	Canal Side Studios_3	Canal Side Studios_3	0.0	29.452E-6	0.0	2.5509E-6	1.4216	35.012E-6	0.0	2.5509E-6	-	-
0	(Negligible)	4	Canal Side Studios_4	Canal Side Studios_4	0.0	0.038451	0.032635	-0.0036934	17.456	0.074480	-524.96E-6	-0.0036934	830.65	-
1	(Very Slight)	5	Beaumont Court_1	Beaumont Court_1	0.0	942.62E-6	925.79E-6	-201.89E-6	3.0672	0.0014608	-30.022E-6	-201.89E-6	-	-
0	(Negligible)	6	Beaumont Court_2	Beaumont Court_2	0.0	0.0068463	0.014404	480.01E-6	2.3471	0.019577	-371.79E-6	480.01E-6	-	-
0	(Negligible)	7	Beaumont Court_3	Beaumont Court_3	0.0	74.532E-6	0.0	46.478E-6	2.6551	72.491E-6	0.0	46.478E-6	-	-
0	(Negligible)	8	Beaumont Court_4	Beaumont Court_4	0.0	442.14E-6	0.0	-45.718E-6	2.6551	656.71E-6	0.0	-45.718E-6	-	-
0	(Negligible)	9	Beaumont Court_5	Beaumont Court_5	0.0	399.56E-9	0.0	5.8197E-6	0.78916	393.39E-9	0.0	5.8197E-6	-	-
0	(Negligible)	10	Beaumont Court_6	Beaumont Court_6	0.0	0.0022327	968.25E-6	-157.55E-6	3.4071	0.0034964	-89.583E-6	-157.55E-6	-	-
0	(Negligible)	11	TP No.1_1	TP No.1_1	0.0	0.028842	-0.0038641	0.0014662	6.4162	0.027210	167.28E-6	0.0014662	961.80	-
0	(Negligible)	12	TP No.1_2	TP No.1_2	0.0	0.0041461	0.021308	-164.59E-6	5.7442	0.023187	-370.98E-6	-164.59E-6	-	-
0	(Negligible)	13	TP No.1_3	TP No.1_3	0.0	22.451E-6	0.0	-17.396E-6	4.4736	20.564E-6	0.0	-17.396E-6	-	-
0	(Negligible)	14	TP No.1_4	TP No.1_4	0.0	407.26E-6	0.0	-114.12E-6	4.2389	380.62E-6	0.0	-114.12E-6	-	-
0	(Negligible)	15	TP No.1_5	TP No.1_5	0.0	156.40E-6	0.0	-10.391E-6	2.9822	235.43E-6	0.0	-10.391E-6	-	-
0	(Negligible)	16	TP No.1_6	TP No.1_6	0.0	789.46E-6	0.014574	143.94E-6	4.3182	0.014773	-277.07E-6	143.94E-6	-	-
0	(Negligible)	17	TP No.1_7	TP No.1_7	0.0	237.68E-6	103.61E-6	-9.0825E-6	4.3475	328.41E-6	-1.0361E-6	-9.0825E-6	-	-
0	(Negligible)	18	TP No.1_8	TP No.1_8	0.0	0.0075192	0.037526	-245.14E-6	4.9061	0.042860	-379.66E-6	-245.14E-6	-	-
0	(Negligible)	19	TP No.2_1	TP No.2_1	0.0	818.54E-6	122.31E-6	56.594E-6	4.6340	0.0013291	-1.2231E-6	56.594E-6	-	-
0	(Negligible)	20	TP No.2_2	TP No.2_2	0.0	0.0058296	0.036935	149.61E-6	5.1748	0.040375	-369.21E-6	149.61E-6	-	-
0	(Negligible)	21	TP No.2_3	TP No.2_3	0.0	434.36E-6	122.31E-6	-44.411E-6	4.4948	772.23E-6	-1.2231E-6	-44.411E-6	-	-
0	(Negligible)	22	TP No.2_4	TP No.2_4	0.0	0.0051846	0.036935	-237.68E-6	3.6159	0.039484	-369.21E-6	-237.68E-6	-	-
0	(Negligible)	23	TP No.3_1	TP No.3_1	0.0	0.0065269	0.023037	-280.48E-6	2.4849	0.025152	479.77E-6	-280.48E-6	-	25733.



RSK ENVIRONMENT LIMITED

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Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
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Made by MK	Date 03-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for	Deflection Ratio	Average Horizontal Strain	Max Slope	Max Settlement	Max Tensile Strain	Max Gradient of Horizontal Displacement	Max Gradient of Vertical Displacement	Min Radius of Curvature	Min Radius of Curvature
0 (Negligible)		24	TP No.3_2	TP No.3_2	0.0	0.0050818	0.045590	457.42E-6	3.5156	0.049637	-568.12E-6	457.42E-6	-	-
0 (Negligible)		25	TP No.3_3	TP No.3_3	0.0	484.91E-6	0.0035095	-61.513E-6	3.5156	0.0036958	-110.89E-6	-61.513E-6	-	-
0 (Negligible)		26	TP No.3_4	TP No.3_4	0.0	5.5403E-6	0.0	19.272E-6	1.4879	5.4717E-6	0.0	19.272E-6	-	-
0 (Negligible)		27	Hospital No.1_1	Hospital No.1_1	0.0	0.0047323	-0.026375	268.75E-6	1.5580	0.0055035	503.48E-6	268.75E-6	-	-
0 (Negligible)		28	Hospital No.1_2	Hospital No.1_2	0.0	0.0066441	0.016641	294.87E-6	2.4081	0.026369	-272.96E-6	294.87E-6	18556.	-
0 (Negligible)		29	Hospital No.1_3	Hospital No.1_3	0.0	29.614E-6	0.0	19.702E-6	1.7319	43.952E-6	0.0	19.702E-6	-	-
0 (Negligible)		30	Hospital No.1_4	Hospital No.1_4	0.0	498.42E-6	0.0	89.125E-6	2.7190	757.06E-6	0.0	89.125E-6	-	-
0 (Negligible)		31	Hospital No.1_5	Hospital No.1_5	0.0	40.795E-6	0.0	-37.056E-6	2.7190	58.830E-6	0.0	-37.056E-6	-	-
0 (Negligible)		32	Hospital No.1_6	Hospital No.1_6	0.0	0.010115	0.054143	-441.80E-6	2.8703	0.054143	-541.13E-6	-441.80E-6	13668.	-
1 (Very Slight)		33	Hospital No.2_1	Hospital No.2_1	0.0	721.24E-6	378.64E-9	-74.273E-6	2.8087	0.0010213	-3.7870E-9	-74.273E-6	-	-
0 (Negligible)		34	Hospital No.2_2	Hospital No.2_2	0.0	0.0076941	0.056908	332.00E-6	4.2211	0.056908	-568.76E-6	332.00E-6	14318.	-
1 (Very Slight)		35	Hospital No.2_3	Hospital No.2_3	0.0	225.00E-6	0.0	12.424E-6	2.1651	248.87E-6	0.0	12.424E-6	-	-
0 (Negligible)		36	Hospital No.2_4	Hospital No.2_4	0.0	0.0066530	0.055663	-205.19E-6	4.8145	0.057034	-569.38E-6	-205.19E-6	-	-
1 (Very Slight)		37	Hospital No.3_1	Hospital No.3_1	0.0	0.0040896	-0.024661	131.92E-6	2.4693	0.0073098	637.45E-6	131.92E-6	-	-
0 (Negligible)		38	Hospital No.3_2	Hospital No.3_2	0.0	0.0013357	0.056137	216.10E-6	4.1915	0.057438	-570.29E-6	216.10E-6	-	-
1 (Very Slight)		39	Hospital No.3_3	Hospital No.3_3	0.0	272.26E-6	245.71E-9	-61.614E-6	4.1915	378.48E-6	-2.4571E-9	-61.614E-6	-	-
0 (Negligible)		40	Hospital No.3_4	Hospital No.3_4	0.0	0.0054102	0.037500	177.86E-6	4.1501	0.044524	-374.86E-6	177.86E-6	-	-
0 (Negligible)		41	Hospital No.3_5	Hospital No.3_5	0.0	61.246E-6	0.0	16.046E-6	2.2982	85.080E-6	0.0	16.046E-6	-	-
0 (Negligible)		42	Hospital No.3_6	Hospital No.3_6	0.0	282.21E-6	0.0	-75.009E-6	2.2982	371.68E-6	0.0	-75.009E-6	-	-
0 (Negligible)		43	Hospital No.3_7	Hospital No.3_7	0.0	104.31E-6	0.0	-15.955E-6	1.7686	117.91E-6	0.0	-15.955E-6	-	-
0 (Negligible)		44	Hospital No.3_8	Hospital No.3_8	0.0	0.0075557	0.034042	-318.95E-6	3.4030	0.045505	-413.57E-6	-318.95E-6	-	-

Specific Building Damage Results - Critical Segments within Each Building

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical Segment	Start [m]	End [m]	Curvature	Max Slope	Max Settlement [mm]	Max Tensile Strain [%]	Min Radius of Curvature (Hogging) [m]	Min Radius of Curvature (Sagging) [m]
0 (Very Slight)	Base Model	0	Canal Side Studios_1	Max Slope	Canal Side Studios_1	5	29.212	35.000	Sagging	0.0042460	25.923	0.072810	-	395.70
(Negligible)				Max Settlement	Canal Side Studios_1	3	9.5951	20.068	Sagging	0.0012410	28.837	0.035329	-	3608.5
(Very Slight)				Max Tensile Strain	Canal Side Studios_1	5	29.212	35.000	Sagging	0.0042460	25.923	0.072810	-	395.70
(Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_1	4	20.068	29.212	Hogging	819.72E-6	26.171	0.018890	5547.9	-0
(Very Slight)				Min Radius of Curvature (Sagging)	Canal Side Studios_1	5	29.212	35.000	Sagging	0.0042460	25.923	0.072810	-	395.70
(Negligible)		0	Canal Side Studios_2	Max Slope	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0026315	17.418	0.049518	3566.4	-0
(Negligible)				Max Settlement	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0026315	17.418	0.049518	3566.4	-0
(Negligible)				Max Tensile Strain	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0026315	17.418	0.049518	3566.4	-0
(Negligible)				Min Radius of Curvature (Hogging)	Canal Side Studios_2	1	0.0	20.000	Hogging	0.0026315	17.418	0.049518	3566.4	-0
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Negligible)		0	Canal Side Studios_3	Max Slope	Canal Side Studios_3	3	18.351	28.765	Sagging	2.5509E-6	1.4071	9.4771E-6	-	14.211E+6
(Negligible)				Max Settlement	Canal Side Studios_3	4	28.765	35.000	Sagging	2.5509E-6	1.4216	9.0480E-6	-	4.6650E+6
(Negligible)				Max Tensile Strain	Canal Side Studios_3	1	0.0	11.422	Sagging	2.2886E-6	1.3686	35.012E-6	-	3.9476E+6
(Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Very Slight)		0	Canal Side Studios_4	Max Slope	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0036934	17.456	0.074480	830.65	-1
(Very Slight)				Max Settlement	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0036934	17.456	0.074480	830.65	-1
(Very Slight)				Max Tensile Strain	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0036934	17.456	0.074480	830.65	-1
(Very Slight)				Min Radius of Curvature (Hogging)	Canal Side Studios_4	1	0.0	20.000	Hogging	0.0036934	17.456	0.074480	830.65	-1
(Very Slight)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_1	Max Slope	Beaumont Court_1	1	0.0	2.7848	Sagging	201.89E-6	3.0672	0.0014608	-	26030.0
(Negligible)				Max Settlement	Beaumont Court_1	1	0.0	2.7848	Sagging	201.89E-6	3.0672	0.0014608	-	26030.0
(Negligible)				Max Tensile Strain	Beaumont Court_1	1	0.0	2.7848	Sagging	201.89E-6	3.0672	0.0014608	-	26030.0
(Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_2	Max Slope	Beaumont Court_2	1	0.0	11.045	Sagging	480.01E-6	2.3471	0.019577	-	6142.1
(Negligible)				Max Settlement	Beaumont Court_2	1	0.0	11.045	Sagging	480.01E-6	2.3471	0.019577	-	6142.1
(Negligible)				Max Tensile Strain	Beaumont Court_2	1	0.0	11.045	Sagging	480.01E-6	2.3471	0.019577	-	6142.1
(Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_3	Max Slope	Beaumont Court_3	1	0.0	7.0000	Sagging	46.478E-6	2.6551	72.491E-6	-	1.1449E+6
(Negligible)				Max Settlement	Beaumont Court_3	1	0.0	7.0000	Sagging	46.478E-6	2.6551	72.491E-6	-	1.1449E+6
(Negligible)				Max Tensile Strain	Beaumont Court_3	1	0.0	7.0000	Sagging	46.478E-6	2.6551	72.491E-6	-	1.1449E+6
(Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_4	Max Slope	Beaumont Court_4	1	0.0	11.872	Sagging	45.718E-6	2.6551	280.42E-6	-	211540.0
(Negligible)				Max Settlement	Beaumont Court_4	1	0.0	11.872	Sagging	45.718E-6	2.6551	280.42E-6	-	211540.0
(Negligible)				Max Tensile Strain	Beaumont Court_4	2	11.872	63.198	Sagging	45.667E-6	2.1946	656.71E-6	-	1.1690E+6
(Negligible)				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-
(Negligible)				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-
(Negligible)		0	Beaumont Court_5	Max Slope	Beaumont Court_5	1	0.0	12.042	Sagging	5.8197E-6	0.78916	393.39E-9	-	310.11E+6
(Negligible)				Max Settlement	Beaumont Court_5	1	0.0	12.042	Sagging	5.8197E-6	0.78916	393.39E-9	-	310.11E+6



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage:	Stage: Name	Specific	Specific Building:	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max	Max	Max	Min	Min
Damage	Category	Ref.	Building: Name				Segment				Settlement	Tensile Strain	Radius of Curvature		
(Negligible)				Max Tensile Strain	Beaumont Court_5		1	0.0	12.042	Sagging	5.8197E-6	0.78916	393.39E-9	-	310.11E+6 0
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		Beaumont Court_6	Max Slope	Beaumont Court_6		2	55.621	74.169	Sagging	157.55E-6	3.4071	0.0034964	-	11451. 0
(Negligible)				Max Settlement	Beaumont Court_6		2	55.621	74.169	Sagging	157.55E-6	3.4071	0.0034964	-	11451. 0
(Negligible)				Max Tensile Strain	Beaumont Court_6		2	55.621	74.169	Sagging	157.55E-6	3.4071	0.0034964	-	11451. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_1	Max Slope	TP No.1_1		1	0.0	7.4992	Hogging	0.0014662	6.4162	0.027210	961.80	- 0
(Negligible)				Max Settlement	TP No.1_1		1	0.0	7.4992	Hogging	0.0014662	6.4162	0.027210	961.80	- 0
(Negligible)				Max Tensile Strain	TP No.1_1		1	0.0	7.4992	Hogging	0.0014662	6.4162	0.027210	961.80	- 0
(Negligible)				Min Radius of Curvature (Hogging)	TP No.1_1		1	0.0	7.4992	Hogging	0.0014662	6.4162	0.027210	961.80	- 0
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_2	Max Slope	TP No.1_2		1	0.0	7.2358	Sagging	164.59E-6	5.7442	0.023187	-	12611. 0
(Negligible)				Max Settlement	TP No.1_2		1	0.0	7.2358	Sagging	164.59E-6	5.7442	0.023187	-	12611. 0
(Negligible)				Max Tensile Strain	TP No.1_2		1	0.0	7.2358	Sagging	164.59E-6	5.7442	0.023187	-	12611. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_3	Max Slope	TP No.1_3		1	0.0	14.318	Sagging	17.396E-6	4.4736	20.564E-6	-	3.5718E+6 0
(Negligible)				Max Settlement	TP No.1_3		1	0.0	14.318	Sagging	17.396E-6	4.4736	20.564E-6	-	3.5718E+6 0
(Negligible)				Max Tensile Strain	TP No.1_3		1	0.0	14.318	Sagging	17.396E-6	4.4736	20.564E-6	-	3.5718E+6 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_4	Max Slope	TP No.1_4		1	0.0	12.540	Sagging	114.12E-6	4.2389	380.62E-6	-	373550. 0
(Negligible)				Max Settlement	TP No.1_4		1	0.0	12.540	Sagging	114.12E-6	4.2389	380.62E-6	-	373550. 0
(Negligible)				Max Tensile Strain	TP No.1_4		1	0.0	12.540	Sagging	114.12E-6	4.2389	380.62E-6	-	373550. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_5	Max Slope	TP No.1_5		1	0.0	41.367	Sagging	10.391E-6	2.9822	235.43E-6	-	2.0500E+6 0
(Negligible)				Max Settlement	TP No.1_5		1	0.0	41.367	Sagging	10.391E-6	2.9822	235.43E-6	-	2.0500E+6 0
(Negligible)				Max Tensile Strain	TP No.1_5		1	0.0	41.367	Sagging	10.391E-6	2.9822	235.43E-6	-	2.0500E+6 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_6	Max Slope	TP No.1_6		1	0.0	8.5586	Sagging	143.94E-6	3.8128	549.57E-6	-	168600. 0
(Negligible)				Max Settlement	TP No.1_6		2	8.5586	12.530	Sagging	143.94E-6	4.3182	0.014773	-	48399. 0
(Negligible)				Max Tensile Strain	TP No.1_6		2	8.5586	12.530	Sagging	143.94E-6	4.3182	0.014773	-	48399. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_7	Max Slope	TP No.1_7		1	0.0	16.553	Sagging	9.0825E-6	4.3475	328.41E-6	-	778620. 0
(Negligible)				Max Settlement	TP No.1_7		1	0.0	16.553	Sagging	9.0825E-6	4.3475	328.41E-6	-	778620. 0
(Negligible)				Max Tensile Strain	TP No.1_7		1	0.0	16.553	Sagging	9.0825E-6	4.3475	328.41E-6	-	778620. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.1_8	Max Slope	TP No.1_8		2	0.33772	12.083	Sagging	245.14E-6	4.9061	0.042860	-	14998. 0
(Negligible)				Max Settlement	TP No.1_8		2	0.33772	12.083	Sagging	245.14E-6	4.9061	0.042860	-	14998. 0
(Negligible)				Max Tensile Strain	TP No.1_8		2	0.33772	12.083	Sagging	245.14E-6	4.9061	0.042860	-	14998. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.2_1	Max Slope	TP No.2_1		1	0.0	2.7460	Sagging	56.594E-6	3.2077	122.49E-6	-	28.113E+6 0
(Negligible)				Max Settlement	TP No.2_1		2	2.7460	39.812	Sagging	56.594E-6	4.6340	0.0013291	-	272140. 0
(Negligible)				Max Tensile Strain	TP No.2_1		2	2.7460	39.812	Sagging	56.594E-6	4.6340	0.0013291	-	272140. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.2_2	Max Slope	TP No.2_2		1	0.0	9.5829	Sagging	149.61E-6	5.1748	0.040375	-	18449. 0
(Negligible)				Max Settlement	TP No.2_2		1	0.0	9.5829	Sagging	149.61E-6	5.1748	0.040375	-	18449. 0
(Negligible)				Max Tensile Strain	TP No.2_2		1	0.0	9.5829	Sagging	149.61E-6	5.1748	0.040375	-	18449. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.2_3	Max Slope	TP No.2_3		1	0.0	39.812	Sagging	44.411E-6	4.4948	772.23E-6	-	688080. 0
(Negligible)				Max Settlement	TP No.2_3		1	0.0	39.812	Sagging	44.411E-6	4.4948	772.23E-6	-	688080. 0
(Negligible)				Max Tensile Strain	TP No.2_3		1	0.0	39.812	Sagging	44.411E-6	4.4948	772.23E-6	-	688080. 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.2_4	Max Slope	TP No.2_4		2	2.4128	10.296	Sagging	237.68E-6	3.6159	0.039484	-	9057.7 0
(Negligible)				Max Settlement	TP No.2_4		2	2.4128	10.296	Sagging	237.68E-6	3.6159	0.039484	-	9057.7 0
(Negligible)				Max Tensile Strain	TP No.2_4		2	2.4128	10.296	Sagging	237.68E-6	3.6159	0.039484	-	9057.7 0
(Negligible)				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)	0		TP No.3_1	Max Slope	TP No.3_1		4	17.087	31.505	Sagging	280.48E-6	2.4849	0.025152	-	20919. 0



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Building Damage Assessment

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Job No.	Sheet No.	Rev.
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Made by MK	Date 03-Aug-2020	Checked

Stage: Damage Ref.	Stage: Name Category	Specific Building: Ref.	Specific Building: Name	Parameter	Critical Sub-Building	Critical	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Max Radius of Curvature	Min Radius of Curvature	Min
					Segment										
(Negligible)				Max Settlement	TP No.3_1	4	17.087	31.505	Sagging	280.48E-6	2.4849	0.025152	-	20919.0	0
(Negligible)				Max Tensile Strain	TP No.3_1	4	17.087	31.505	Sagging	280.48E-6	2.4849	0.025152	-	20919.0	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	TP No.3_2	1	0.0	13.416	Sagging	457.42E-6	3.5156	0.049637	-	9684.3	0
(Negligible)				Max Settlement	TP No.3_2	1	0.0	13.416	Sagging	457.42E-6	3.5156	0.049637	-	9684.3	0
(Negligible)				Max Tensile Strain	TP No.3_2	1	0.0	13.416	Sagging	457.42E-6	3.5156	0.049637	-	9684.3	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	TP No.3_3	1	0.0	4.0864	Sagging	61.513E-6	3.5156	74.565E-6	-	8.9068E+6	0
(Negligible)				Max Settlement	TP No.3_3	1	0.0	4.0864	Sagging	61.513E-6	3.5156	74.565E-6	-	8.9068E+6	0
(Negligible)				Max Tensile Strain	TP No.3_3	3	24.762	30.852	Sagging	51.607E-6	2.2827	0.0036958	-	215950.0	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	TP No.3_4	1	0.0	6.0940	Sagging	19.272E-6	1.3647	4.3273E-6	-	11.842E+6	0
(Negligible)				Max Settlement	TP No.3_4	2	6.0940	12.530	Sagging	19.272E-6	1.4879	5.4717E-6	-	9.1729E+6	0
(Negligible)				Max Tensile Strain	TP No.3_4	2	6.0940	12.530	Sagging	19.272E-6	1.4879	5.4717E-6	-	9.1729E+6	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.1_1	1	0.0	12.000	Sagging	268.75E-6	1.5580	0.0055035	-	22740.0	0
(Negligible)				Max Settlement	Hospital No.1_1	1	0.0	12.000	Sagging	268.75E-6	1.5580	0.0055035	-	22740.0	0
(Negligible)				Max Tensile Strain	Hospital No.1_1	1	0.0	12.000	Sagging	268.75E-6	1.5580	0.0055035	-	22740.0	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.1_2	1	0.0	21.046	Hogging	294.87E-6	2.4081	0.026369	18556.	-	0
(Negligible)				Max Settlement	Hospital No.1_2	1	0.0	21.046	Hogging	294.87E-6	2.4081	0.026369	18556.	-	0
(Negligible)				Max Tensile Strain	Hospital No.1_2	1	0.0	21.046	Hogging	294.87E-6	2.4081	0.026369	18556.	-	0
(Negligible)				Min Radius of Curvature (Hogging)	Hospital No.1_2	1	0.0	21.046	Hogging	294.87E-6	2.4081	0.026369	18556.	-	0
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.1_3	1	0.0	4.8114	Sagging	19.702E-6	1.4064	2.0385E-6	-	20.764E+6	0
(Negligible)				Max Settlement	Hospital No.1_3	2	4.8114	22.000	Sagging	19.702E-6	1.7319	43.952E-6	-	4.0305E+6	0
(Negligible)				Max Tensile Strain	Hospital No.1_3	2	4.8114	22.000	Sagging	19.702E-6	1.7319	43.952E-6	-	4.0305E+6	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.1_4	1	0.0	14.000	Sagging	89.125E-6	2.7190	757.06E-6	-	272420.0	0
(Negligible)				Max Settlement	Hospital No.1_4	1	0.0	14.000	Sagging	89.125E-6	2.7190	757.06E-6	-	272420.0	0
(Negligible)				Max Tensile Strain	Hospital No.1_4	1	0.0	14.000	Sagging	89.125E-6	2.7190	757.06E-6	-	272420.0	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.1_5	1	0.0	10.000	Sagging	37.056E-6	2.7190	58.830E-6	-	2.1922E+6	0
(Negligible)				Max Settlement	Hospital No.1_5	1	0.0	10.000	Sagging	37.056E-6	2.7190	58.830E-6	-	2.1922E+6	0
(Negligible)				Max Tensile Strain	Hospital No.1_5	1	0.0	10.000	Sagging	37.056E-6	2.7190	58.830E-6	-	2.1922E+6	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Very Slight)				Max Slope	Hospital No.1_6	1	0.0	22.391	Hogging	441.80E-6	2.8703	0.050836	13668.	-	1
(Very Slight)				Max Settlement	Hospital No.1_6	1	0.0	22.391	Hogging	441.80E-6	2.8703	0.050836	13668.	-	1
(Very Slight)				Max Tensile Strain	Hospital No.1_6	2	22.391	23.000	Sagging	441.80E-6	1.4788	0.054143	-	485450.1	0
(Very Slight)				Min Radius of Curvature (Hogging)	Hospital No.1_6	1	0.0	22.391	Hogging	441.80E-6	2.8703	0.050836	13668.	-	1
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.2_1	3	17.728	32.000	Sagging	74.273E-6	1.8758	397.79E-6	-	429070.0	0
(Negligible)				Max Settlement	Hospital No.2_1	1	0.0	9.4519	Sagging	63.476E-6	2.8087	0.0010213	-	96170.0	0
(Negligible)				Max Tensile Strain	Hospital No.2_1	1	0.0	9.4519	Sagging	63.476E-6	2.8087	0.0010213	-	96170.0	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Very Slight)				Max Slope	Hospital No.2_2	2	1.4455	16.867	Hogging	332.00E-6	4.2211	0.052450	14318.	-	1
(Very Slight)				Max Settlement	Hospital No.2_2	2	1.4455	16.867	Hogging	332.00E-6	4.2211	0.052450	14318.	-	1
(Very Slight)				Max Tensile Strain	Hospital No.2_2	1	0.0	1.4455	Sagging	329.29E-6	1.4449	0.056908	-	227740.1	0
(Very Slight)				Min Radius of Curvature (Hogging)	Hospital No.2_2	2	1.4455	16.867	Hogging	332.00E-6	4.2211	0.052450	14318.	-	1
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.2_3	1	0.0	32.000	Sagging	12.424E-6	2.1651	248.87E-6	-	1.6867E+6	0
(Negligible)				Max Settlement	Hospital No.2_3	1	0.0	32.000	Sagging	12.424E-6	2.1651	248.87E-6	-	1.6867E+6	0
(Negligible)				Max Tensile Strain	Hospital No.2_3	1	0.0	32.000	Sagging	12.424E-6	2.1651	248.87E-6	-	1.6867E+6	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-
(Negligible)				Max Slope	Hospital No.2_4	4	20.039	30.850	Sagging	205.19E-6	4.8145	0.048546	-	15172.0	0
(Negligible)				Max Settlement	Hospital No.2_4	4	20.039	30.850	Sagging	205.19E-6	4.8145	0.048546	-	15172.0	0
(Very Slight)				Max Tensile Strain	Hospital No.2_4	5	30.850	36.000	Sagging	205.19E-6	3.7056	0.057034	-	31374.1	0
				Min Radius of Curvature (Hogging)		-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)		-	-	-	-	-	-	-	-	-	-



RSK ENVIRONMENT LIMITED

UBB, London

Building Damage Assessment

FULL DEVELOPMENT LONG TERM

Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 03-Aug-2020	Checked

Stage:	Stage: Name	Specific	Specific Building:	Parameter	Critical	Sub-Building	Critical	Start	End	Curvature	Max Slope	Max	Max	Min	Min
Damage	Category	Building:	Name			Segment						Settlement	Tensile	Radius of	Radius of
Ref.		Ref.											Strain	Curvature	Curvature
(Negligible)		0	Hospital No.3_1	Max Slope		Hospital No.3_1	2	7.9872	18.966	Sagging	131.92E-6	1.1566	0.0051432	-	26701.0
(Negligible)				Max Settlement		Hospital No.3_1	3	18.966	31.000	Sagging	131.42E-6	2.4693	971.07E-6	-	158770.0
(Negligible)				Max Tensile Strain		Hospital No.3_1	1	0.0	7.9872	Sagging	76.657E-6	1.4070	0.0073098	-	472750.0
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Very Slight)		0	Hospital No.3_2	Max Slope		Hospital No.3_2	1	0.0	5.0129	Sagging	216.10E-6	3.3993	0.057438	-	30542.1
(Negligible)				Max Settlement		Hospital No.3_2	2	5.0129	9.0000	Sagging	216.10E-6	4.1915	0.041506	-	63519.0
(Very Slight)				Max Tensile Strain		Hospital No.3_2	1	0.0	5.0129	Sagging	216.10E-6	3.3993	0.057438	-	30542.1
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_3	Max Slope		Hospital No.3_3	1	0.0	9.0000	Sagging	61.614E-6	4.1915	378.48E-6	-	347860.0
(Negligible)				Max Settlement		Hospital No.3_3	1	0.0	9.0000	Sagging	61.614E-6	4.1915	378.48E-6	-	347860.0
(Negligible)				Max Tensile Strain		Hospital No.3_3	1	0.0	9.0000	Sagging	61.614E-6	4.1915	378.48E-6	-	347860.0
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_4	Max Slope		Hospital No.3_4	1	0.0	7.7768	Sagging	177.86E-6	4.1501	0.044524	-	14490.0
(Negligible)				Max Settlement		Hospital No.3_4	1	0.0	7.7768	Sagging	177.86E-6	4.1501	0.044524	-	14490.0
(Negligible)				Max Tensile Strain		Hospital No.3_4	1	0.0	7.7768	Sagging	177.86E-6	4.1501	0.044524	-	14490.0
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_5	Max Slope		Hospital No.3_5	1	0.0	9.0000	Sagging	16.046E-6	2.2982	85.080E-6	-	1.6565E+6
(Negligible)				Max Settlement		Hospital No.3_5	1	0.0	9.0000	Sagging	16.046E-6	2.2982	85.080E-6	-	1.6565E+6
(Negligible)				Max Tensile Strain		Hospital No.3_5	1	0.0	9.0000	Sagging	16.046E-6	2.2982	85.080E-6	-	1.6565E+6
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_6	Max Slope		Hospital No.3_6	1	0.0	8.0000	Sagging	75.009E-6	2.2982	371.68E-6	-	310510.0
(Negligible)				Max Settlement		Hospital No.3_6	1	0.0	8.0000	Sagging	75.009E-6	2.2982	371.68E-6	-	310510.0
(Negligible)				Max Tensile Strain		Hospital No.3_6	1	0.0	8.0000	Sagging	75.009E-6	2.2982	371.68E-6	-	310510.0
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_7	Max Slope		Hospital No.3_7	1	0.0	31.000	Sagging	15.955E-6	1.7686	117.91E-6	-	2.4624E+6
(Negligible)				Max Settlement		Hospital No.3_7	1	0.0	31.000	Sagging	15.955E-6	1.7686	117.91E-6	-	2.4624E+6
(Negligible)				Max Tensile Strain		Hospital No.3_7	1	0.0	31.000	Sagging	15.955E-6	1.7686	117.91E-6	-	2.4624E+6
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-
(Negligible)		0	Hospital No.3_8	Max Slope		Hospital No.3_8	4	27.865	41.000	Sagging	318.95E-6	3.4030	0.045505	-	14920.0
(Negligible)				Max Settlement		Hospital No.3_8	4	27.865	41.000	Sagging	318.95E-6	3.4030	0.045505	-	14920.0
(Negligible)				Max Tensile Strain		Hospital No.3_8	4	27.865	41.000	Sagging	318.95E-6	3.4030	0.045505	-	14920.0
-				Min Radius of Curvature (Hogging)			-	-	-	-	-	-	-	-	-
-				Min Radius of Curvature (Sagging)			-	-	-	-	-	-	-	-	-

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, O/S: 0.000m, Uncomb. Segs., Seg. 5 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

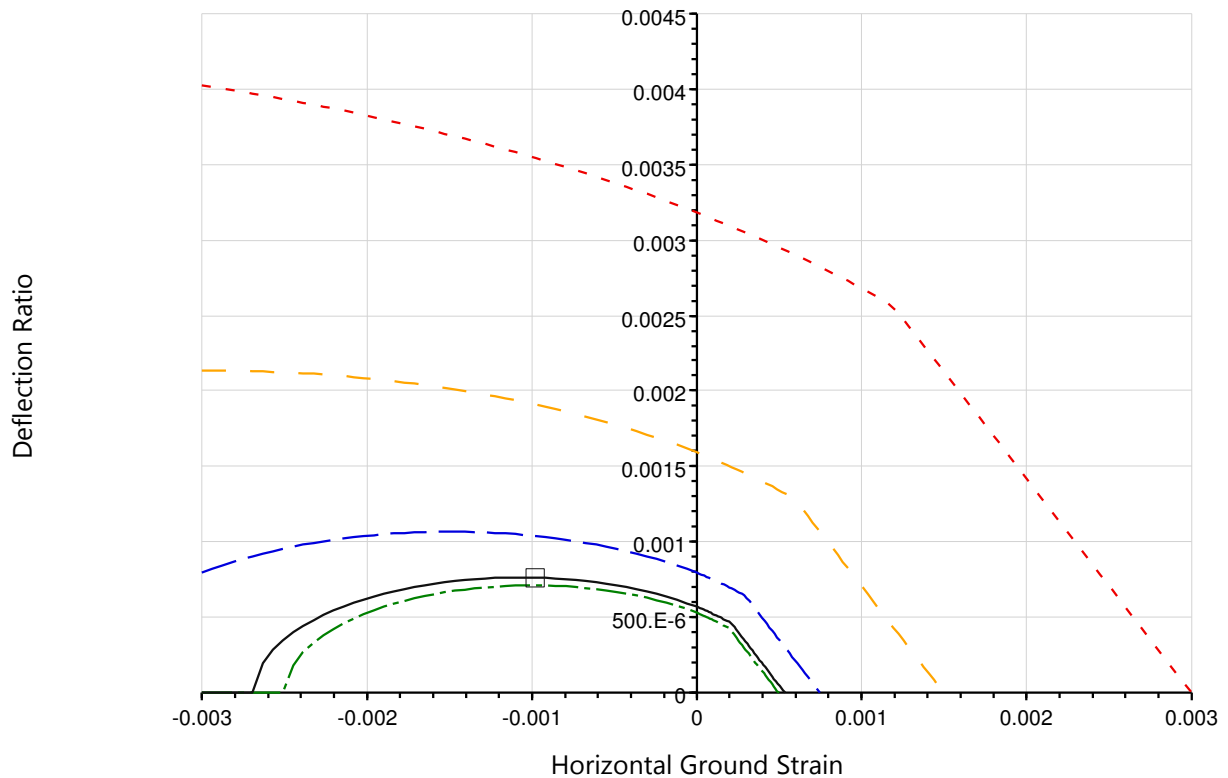
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

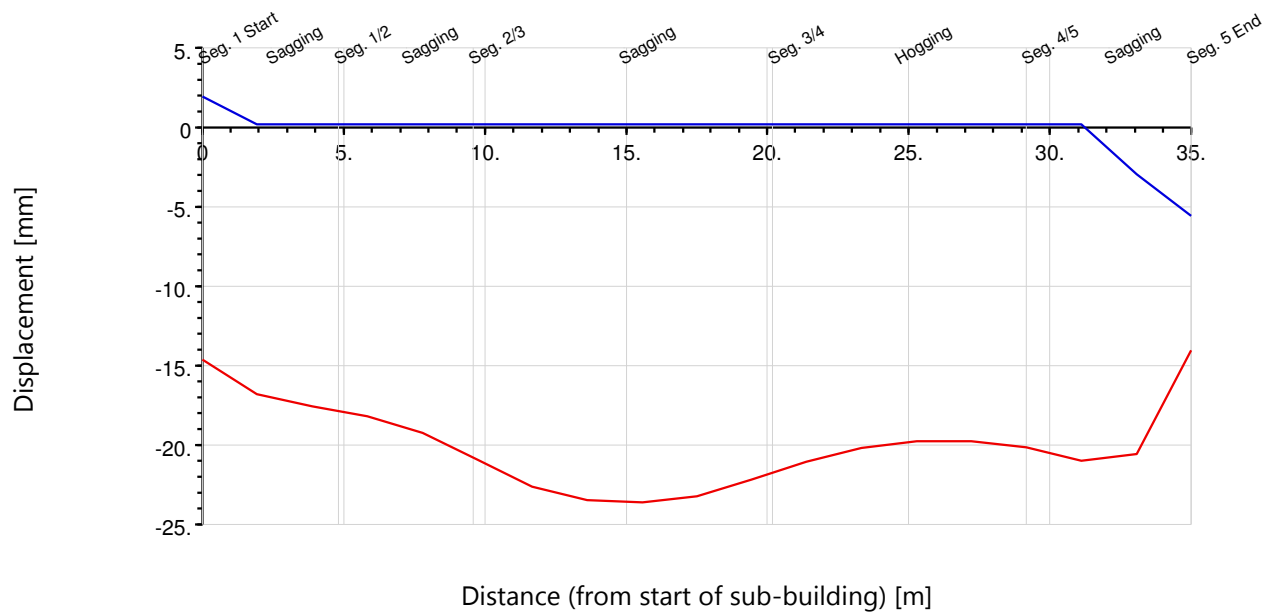
— Max Strains (-0.002687) (0.000537)

□ Result (-0.000982, 0.000763 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, Offset: 0.000m, Uncombined Segmen
Horizontal Displacement
(along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, O/S: 0.000m, Uncomb. Segs., Seg. 1 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

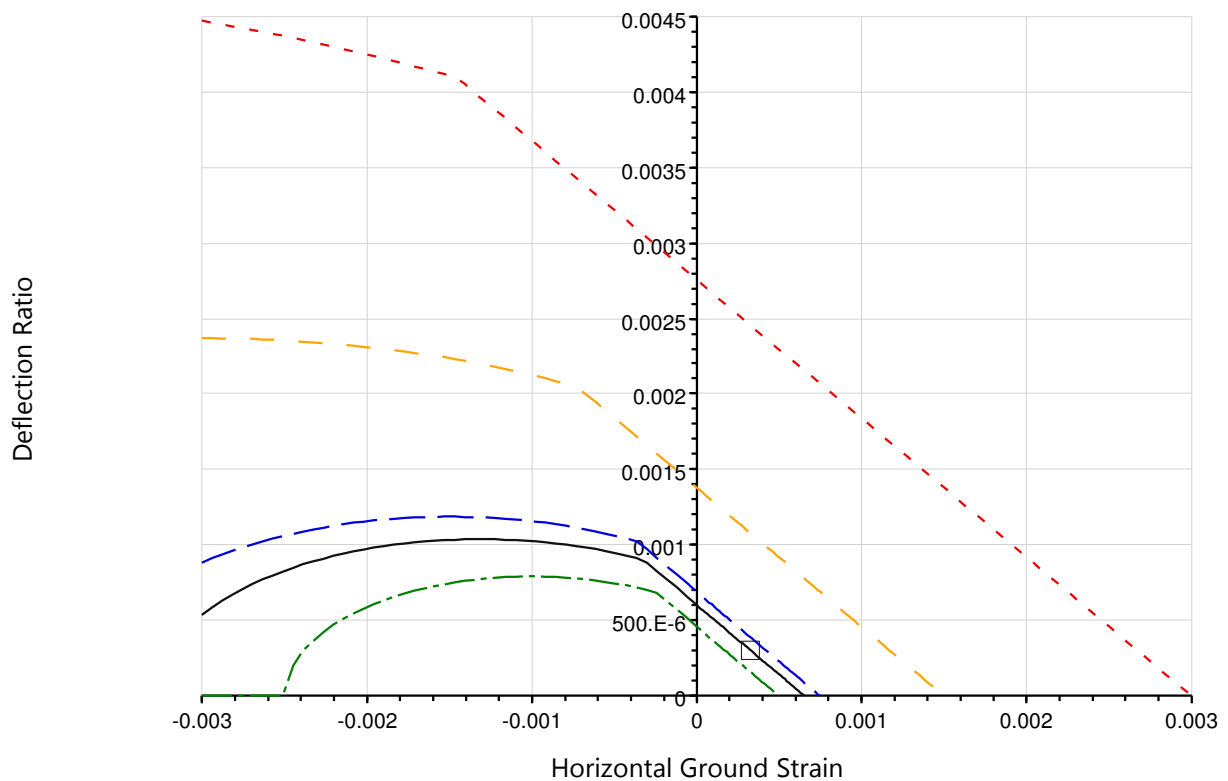
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

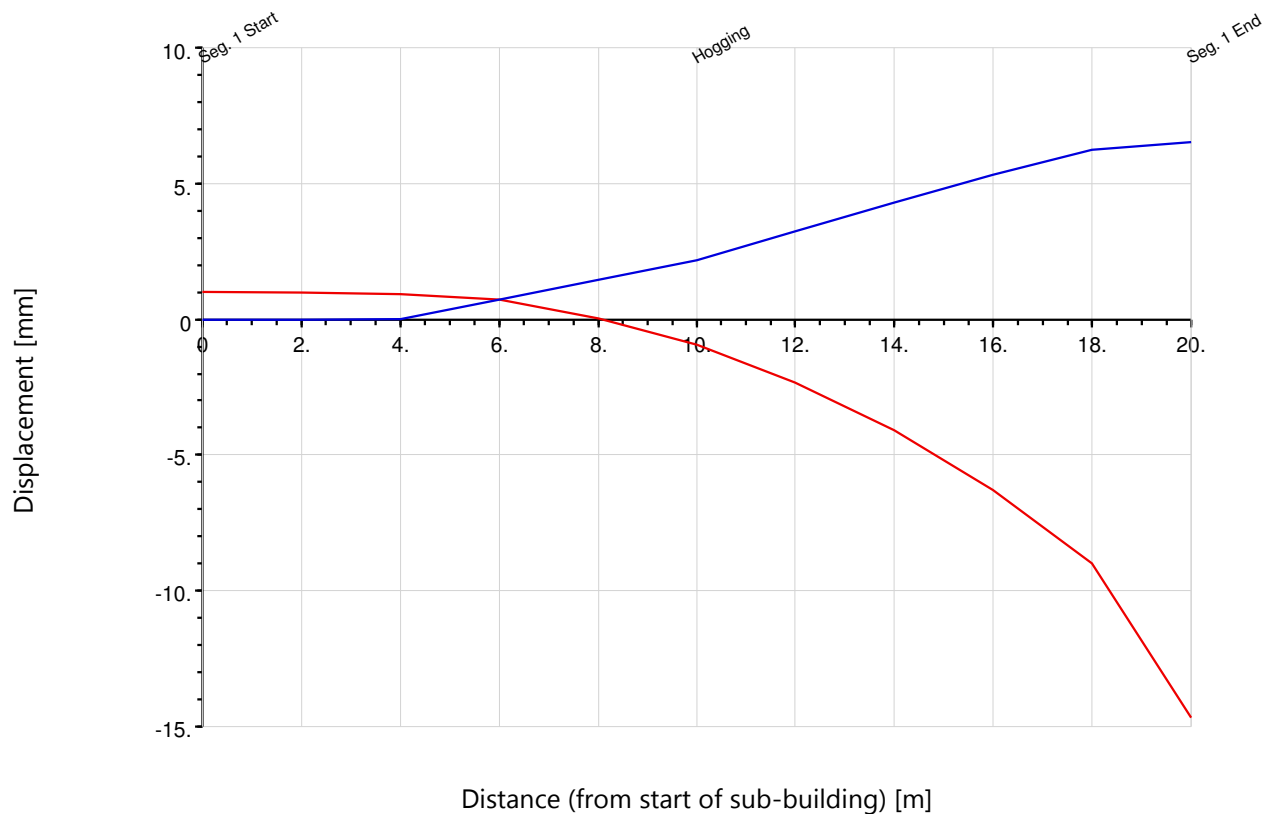
— Max Strains (-0.003283) (0.000657)

□ Result (0.000326, 0.000303 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, Offset: 0.000m, Uncombined Segment
Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, O/S: 0.000m, Uncomb. Segs., Seg. 5 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

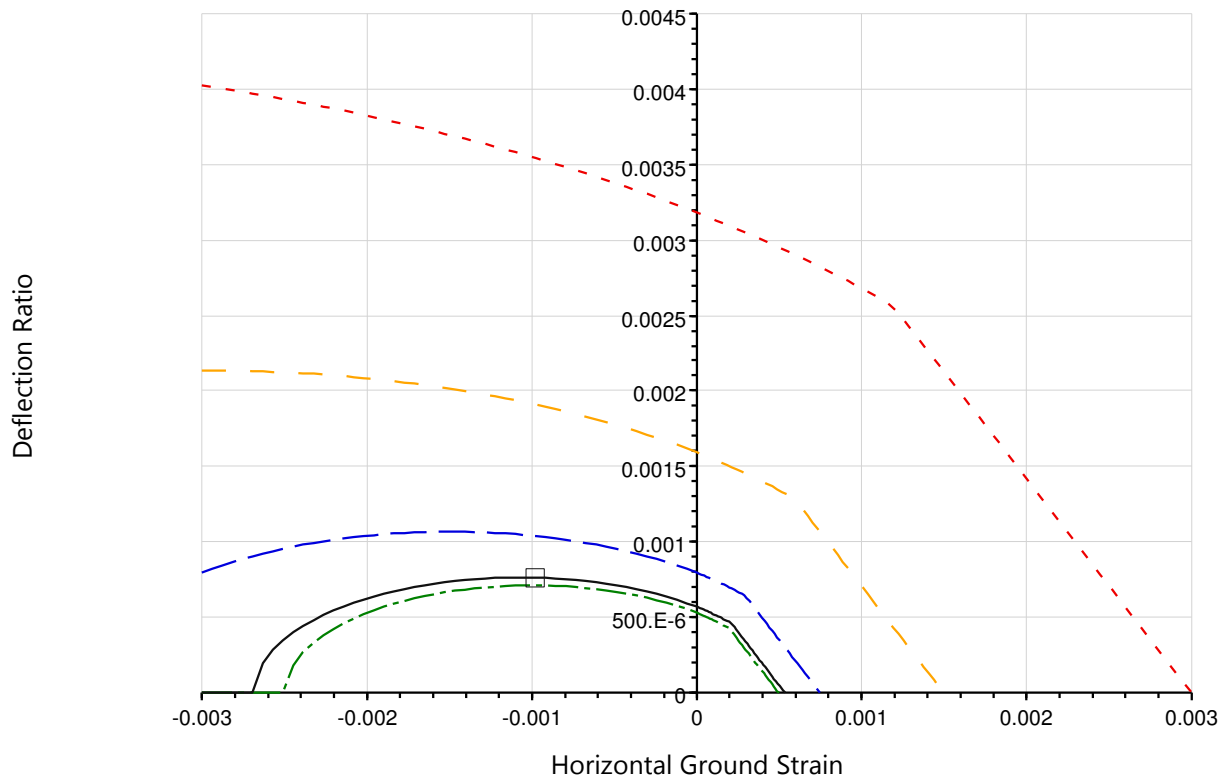
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

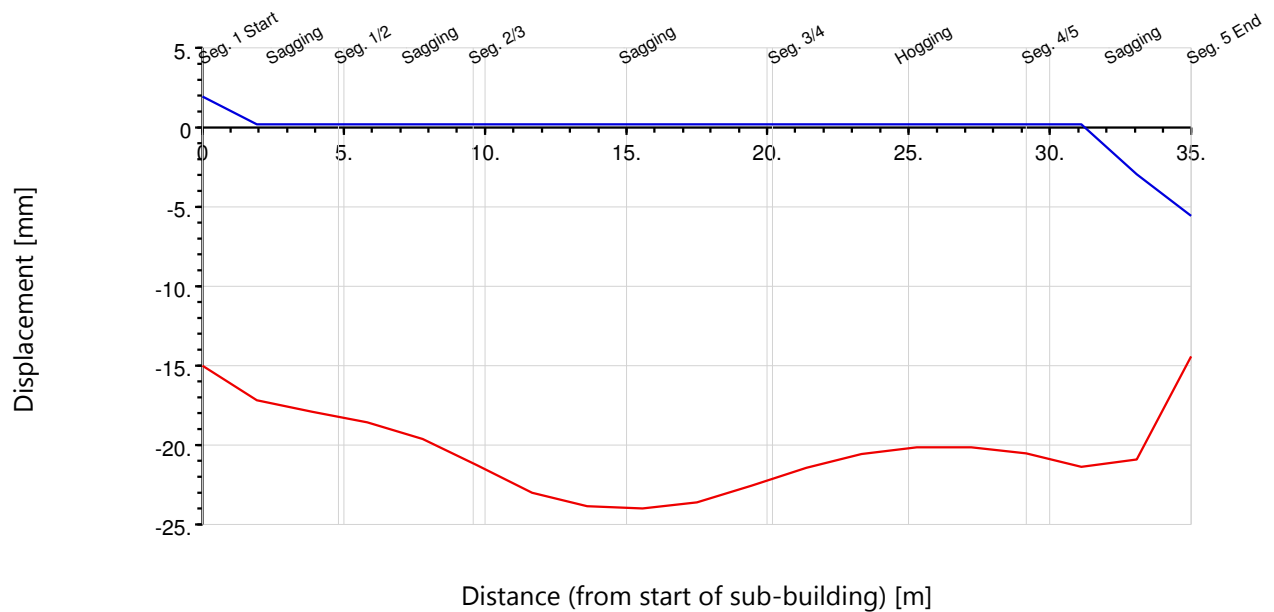
— Max Strains (-0.002687) (0.000537)

□ Result (-0.000982, 0.000764 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, Offset: 0.000m, Uncombined Segmen
Horizontal Displacement
(along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, O/S: 0.000m, Uncomb. Segs., Seg. 1 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

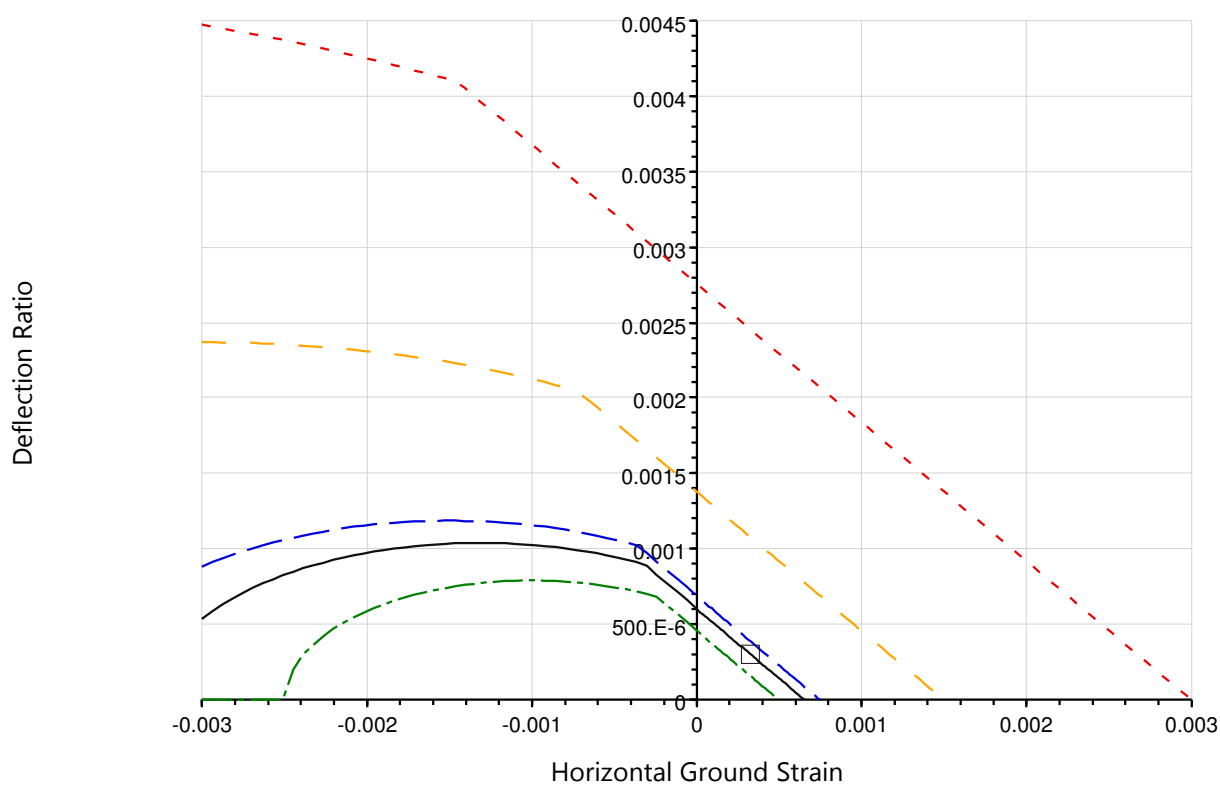
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

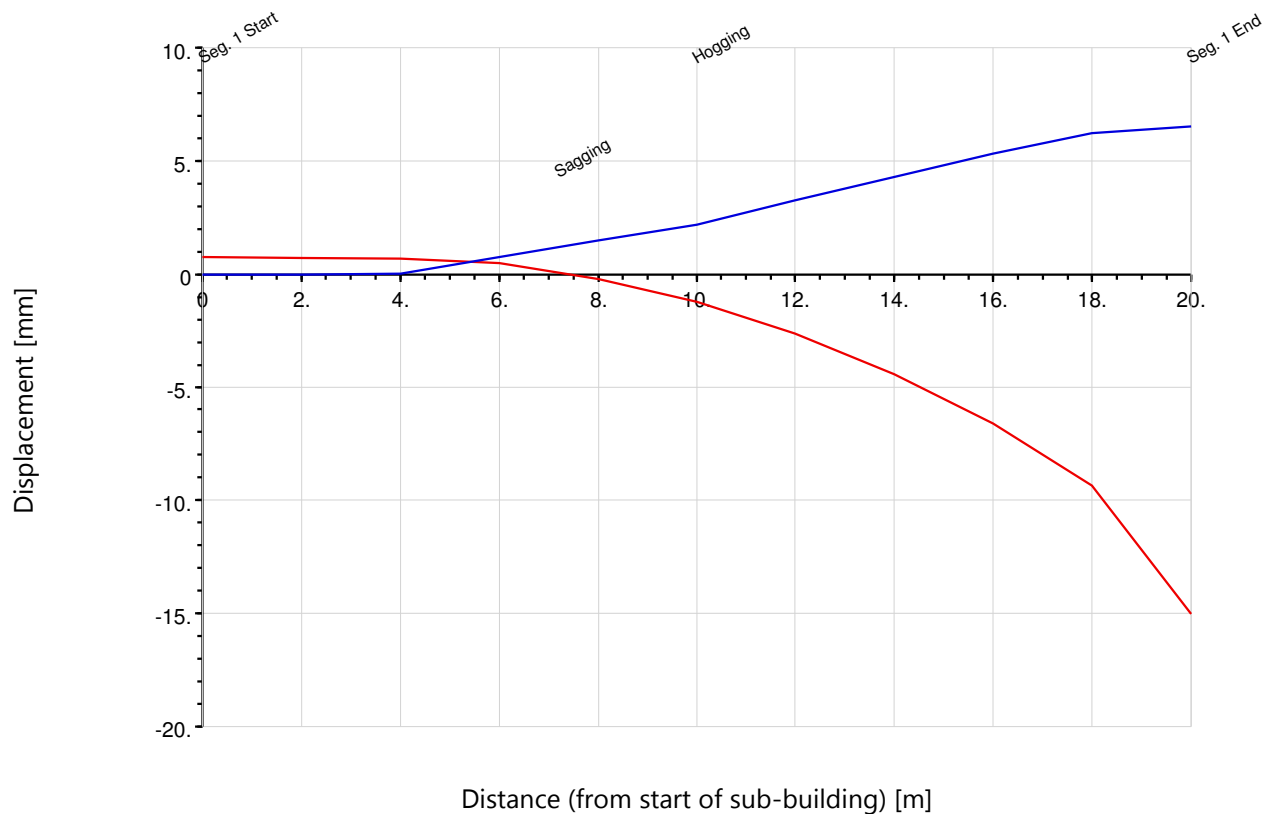
— Max Strains (-0.003284) (0.000657)

□ Result (0.000326, 0.000304 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, Offset: 0.000m, Uncombined Segment
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, O/S: 0.000m, Uncomb. Segs., Seg. 5 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

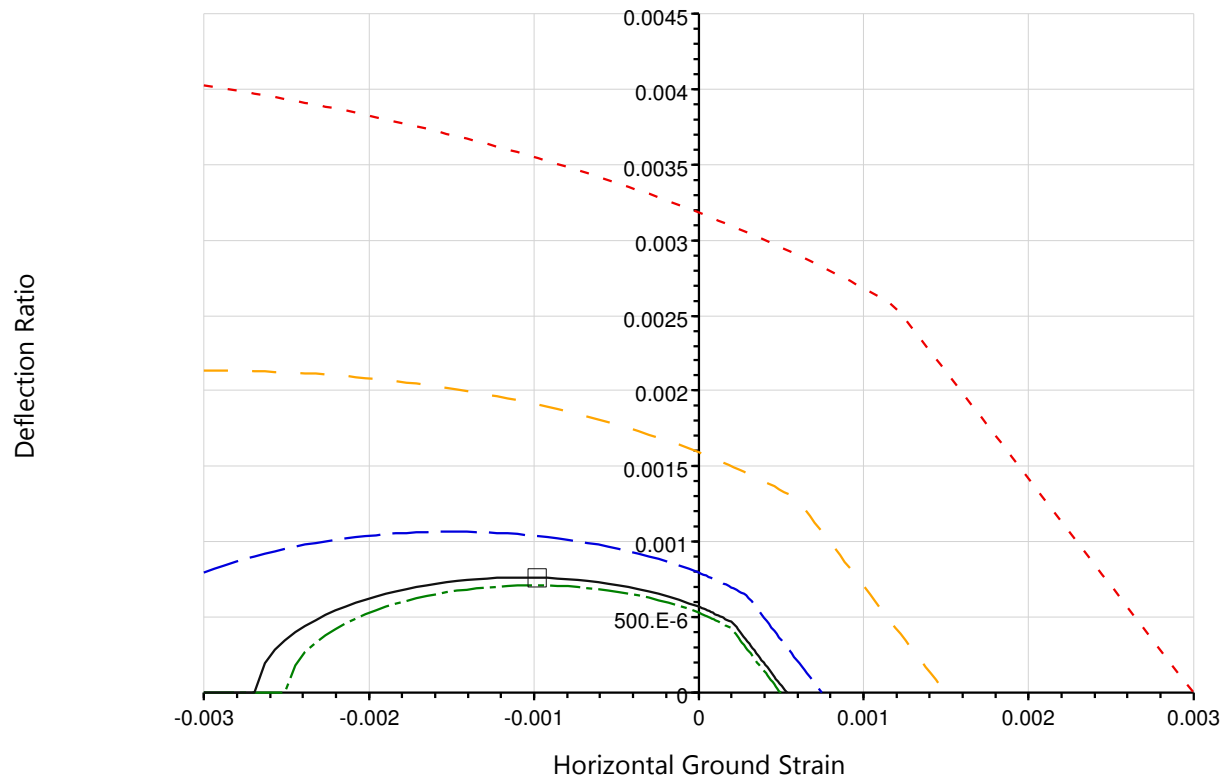
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

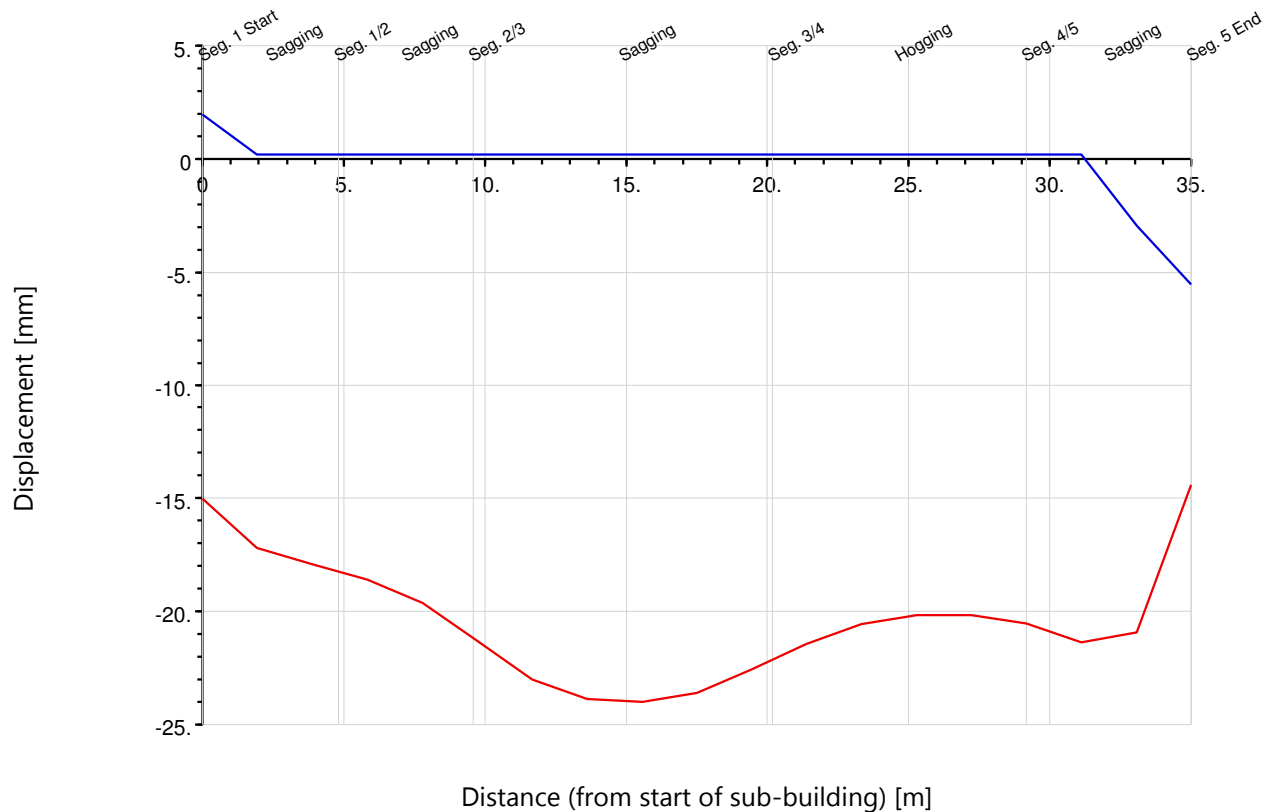
— Max Strains (-0.002687) (0.000537)

□ Result (-0.000982, 0.000764 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, O/S: 0.000m, Uncomb. Segs., Seg. 1 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

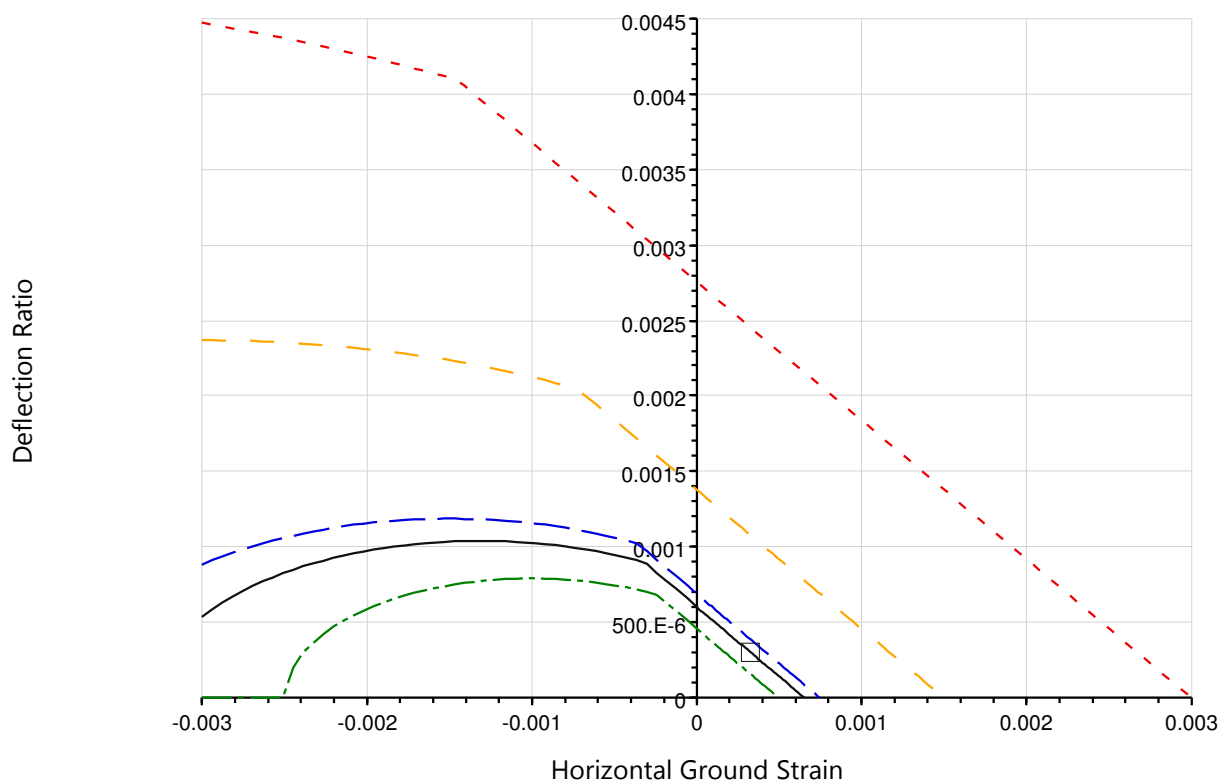
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

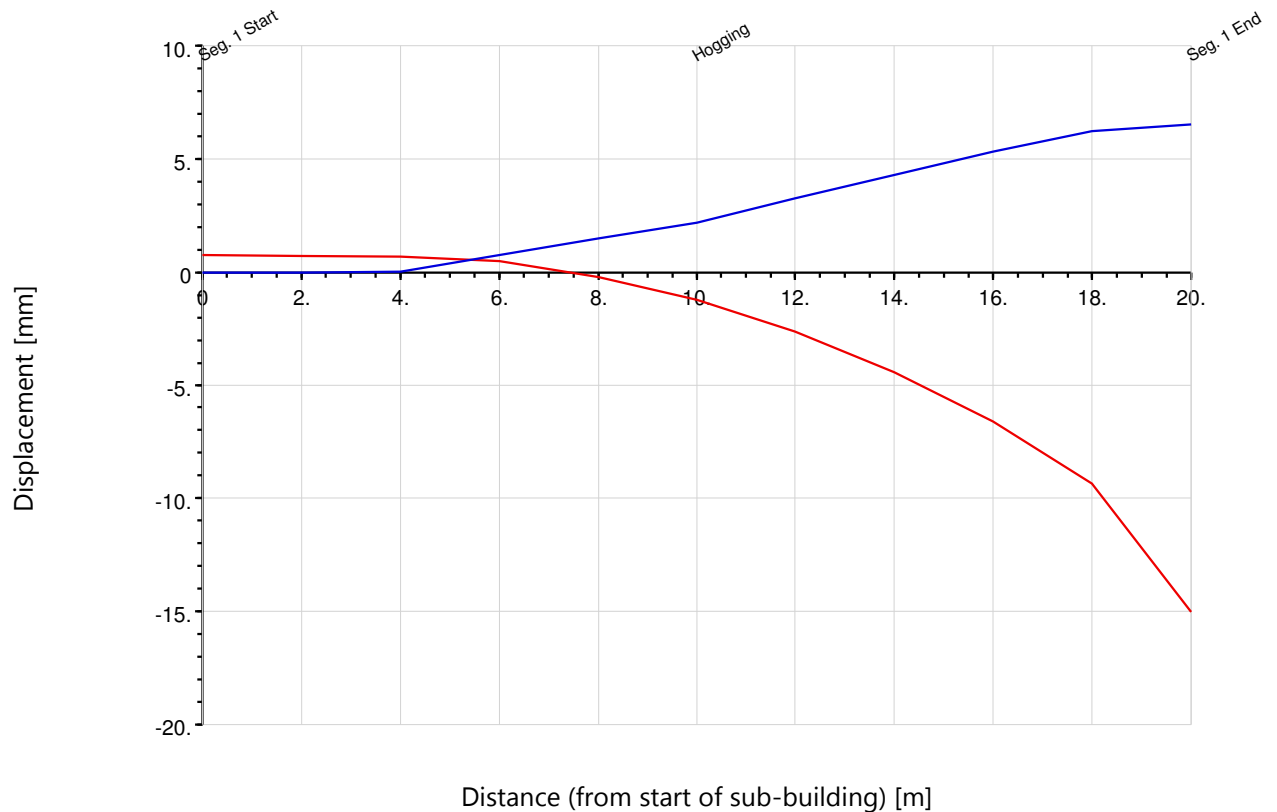
— Max Strains (-0.003284) (0.000657)

□ Result (0.000326, 0.000304 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, Offset: 0.000m, Uncombined Segment
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, O/S: 0.000m, Uncomb. Segs., Seg. 5 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

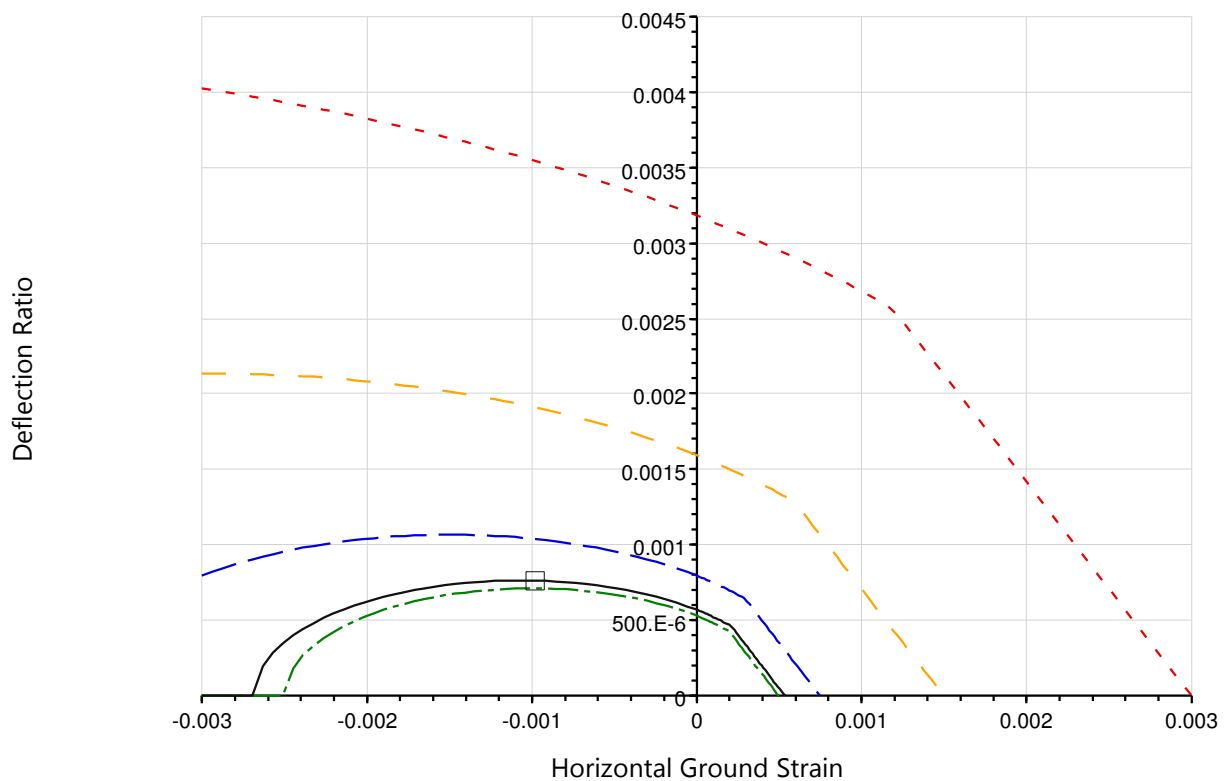
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

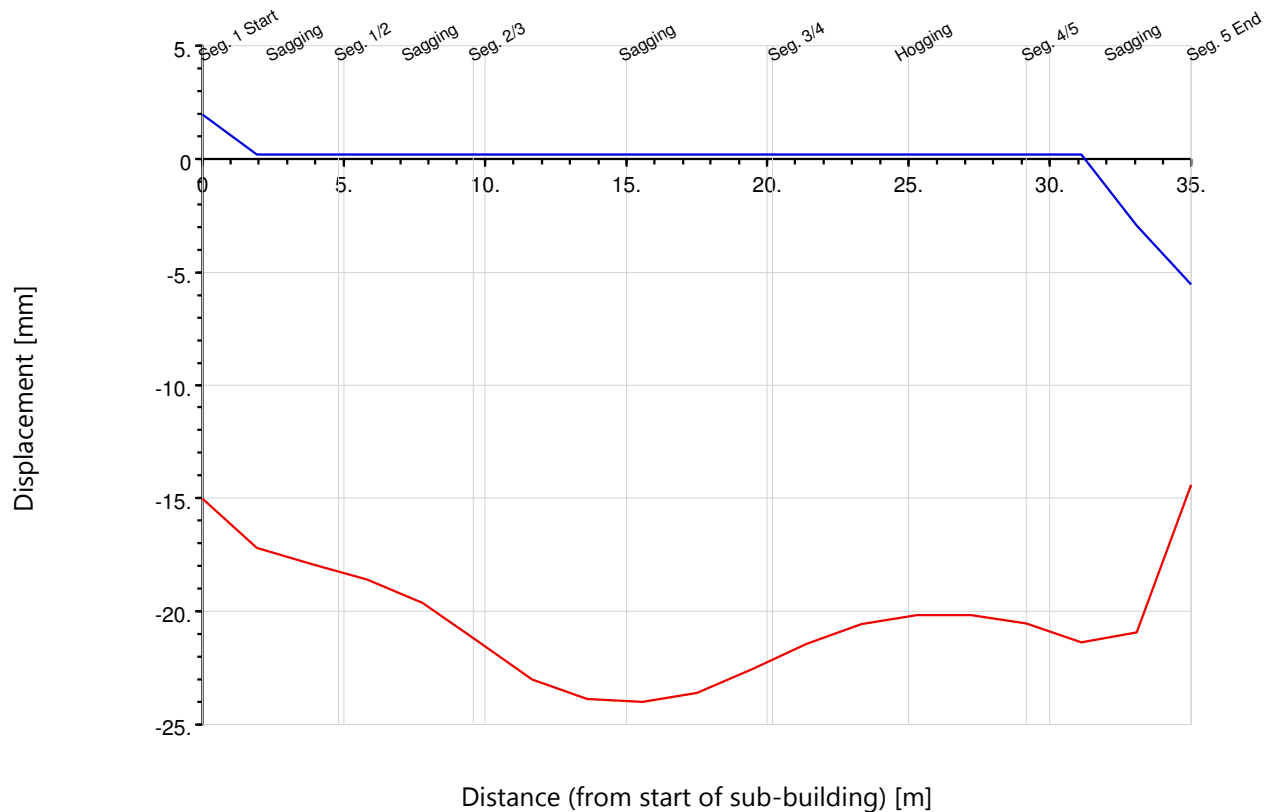
— Max Strains (-0.002687) (0.000537)

□ Result (-0.000982, 0.000764 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, Offset: 0.000m, Uncombined Segmen
Horizontal Displacement
(along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, O/S: 0.000m, Uncomb. Segs., Seg. 1 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

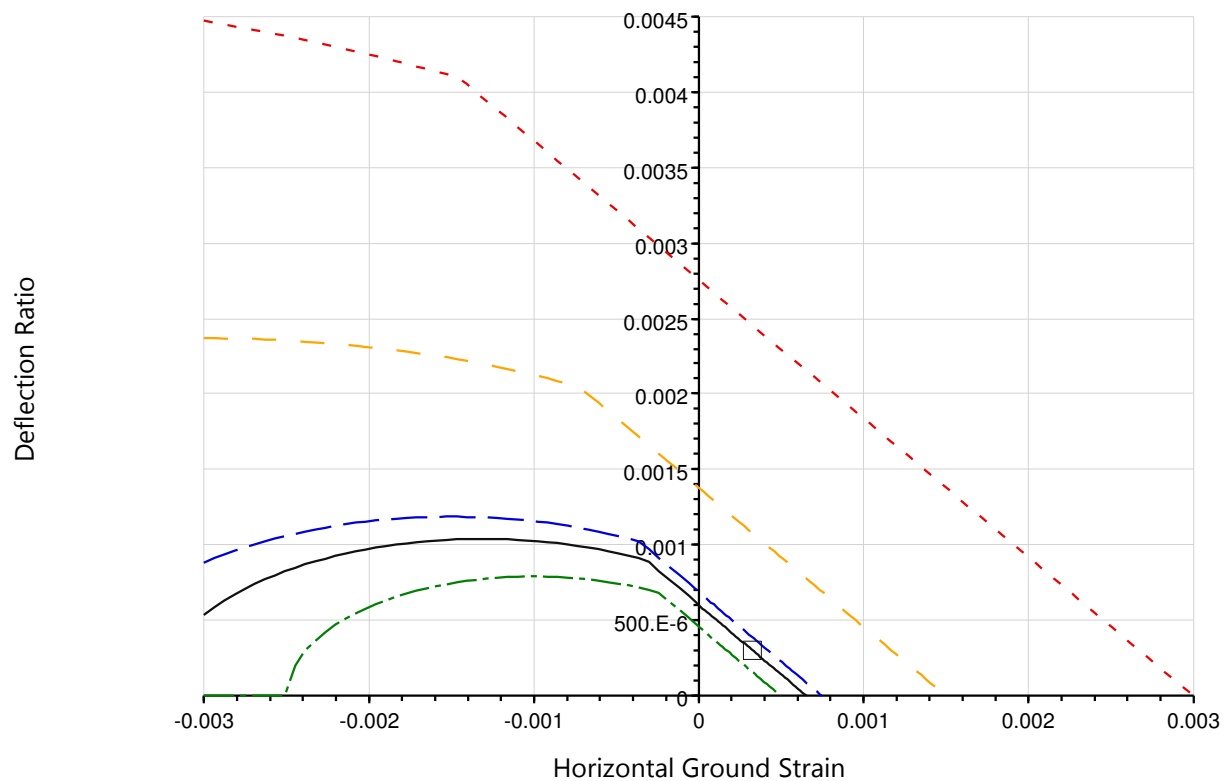
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

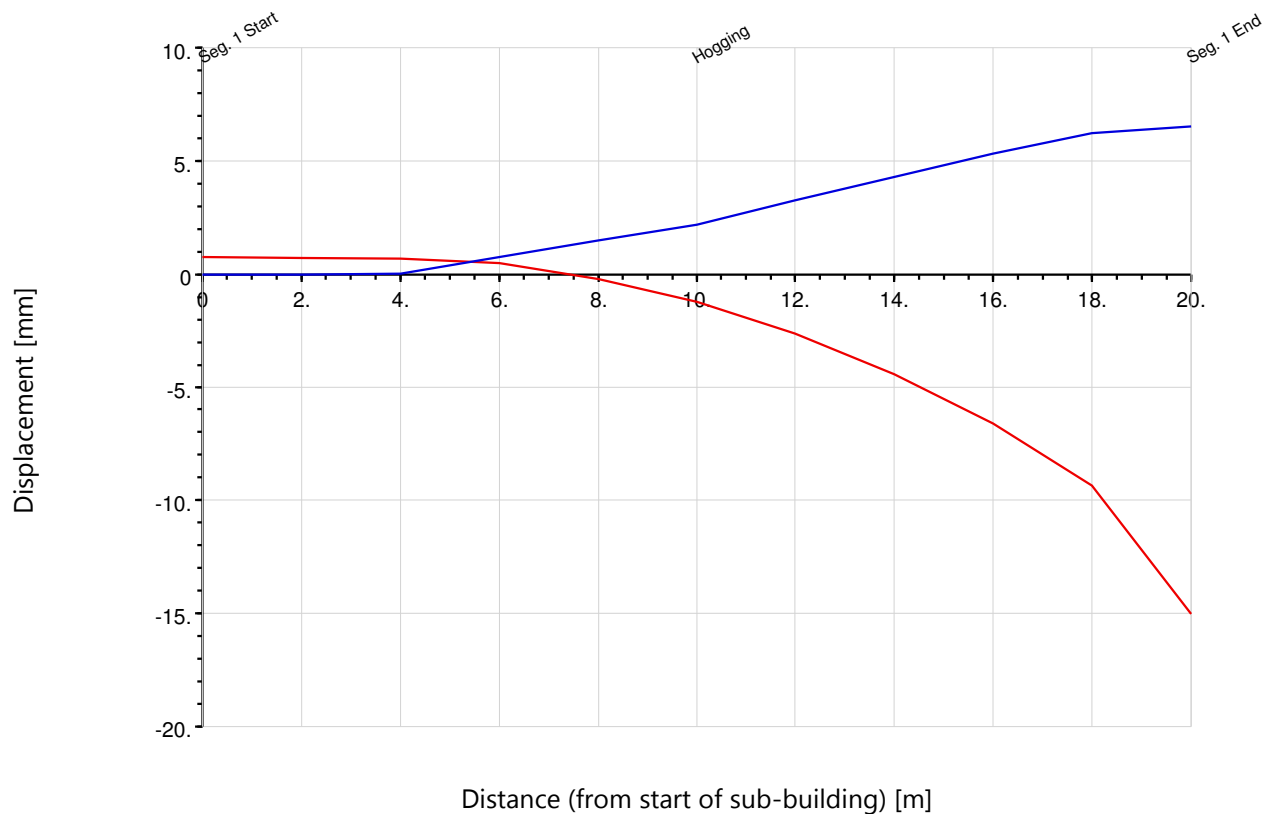
— Max Strains (-0.003284) (0.000657)

□ Result (0.000326, 0.000304 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, Offset: 0.000m, Uncombined Segment
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 32: Hospital No.1_6/Hospital No.1_6_O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 23.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

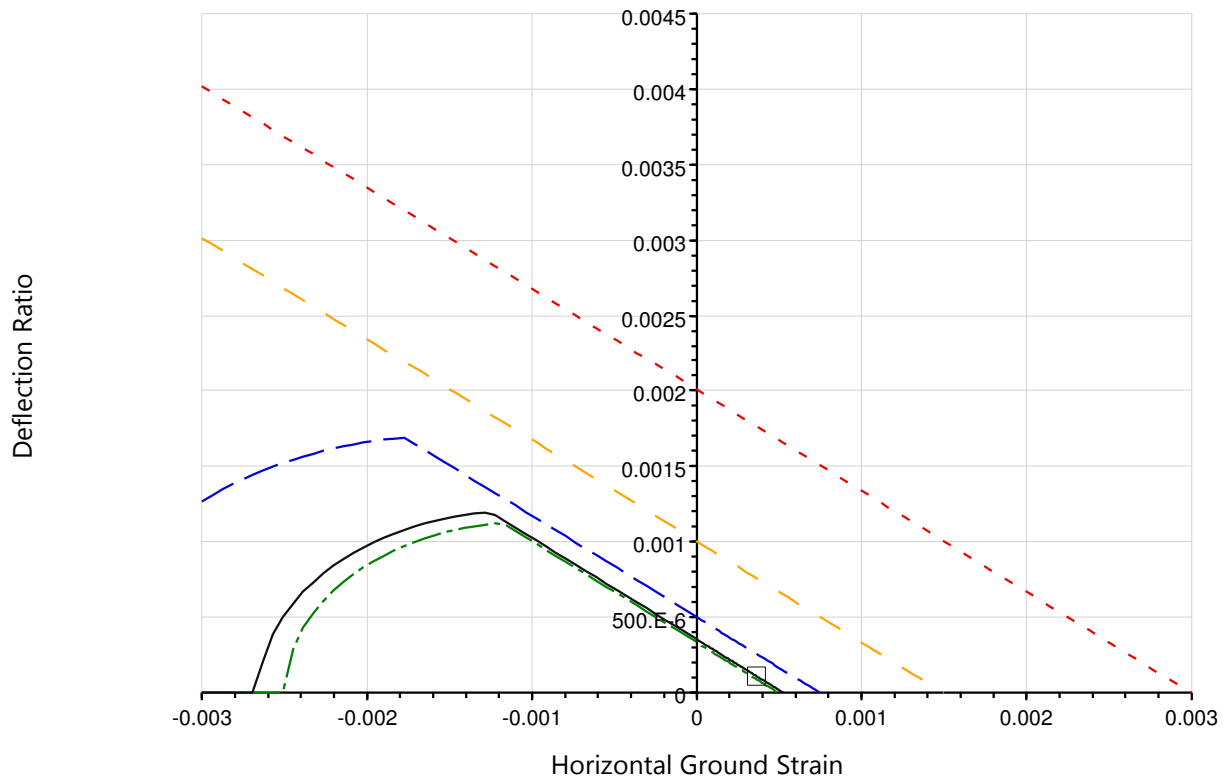
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

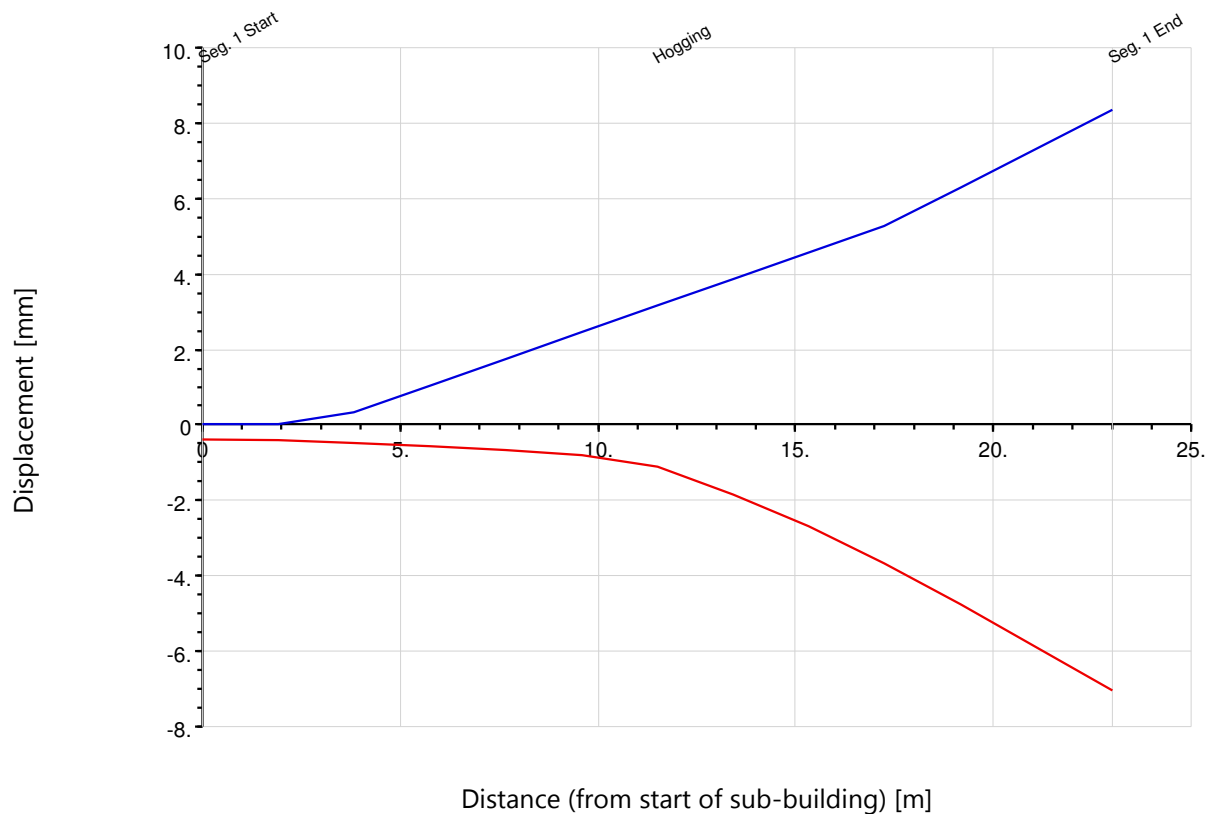
— Max Strains (-0.002656) (0.000531)

□ Result (0.000363, 0.000113 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 32: Hospital No.1_6/Hospital No.1_6, Offset: 0.000m, Uncombined Segments
Horizontal Displacement
(along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 34: Hospital No.2_2/Hospital No.2_2, O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 1.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

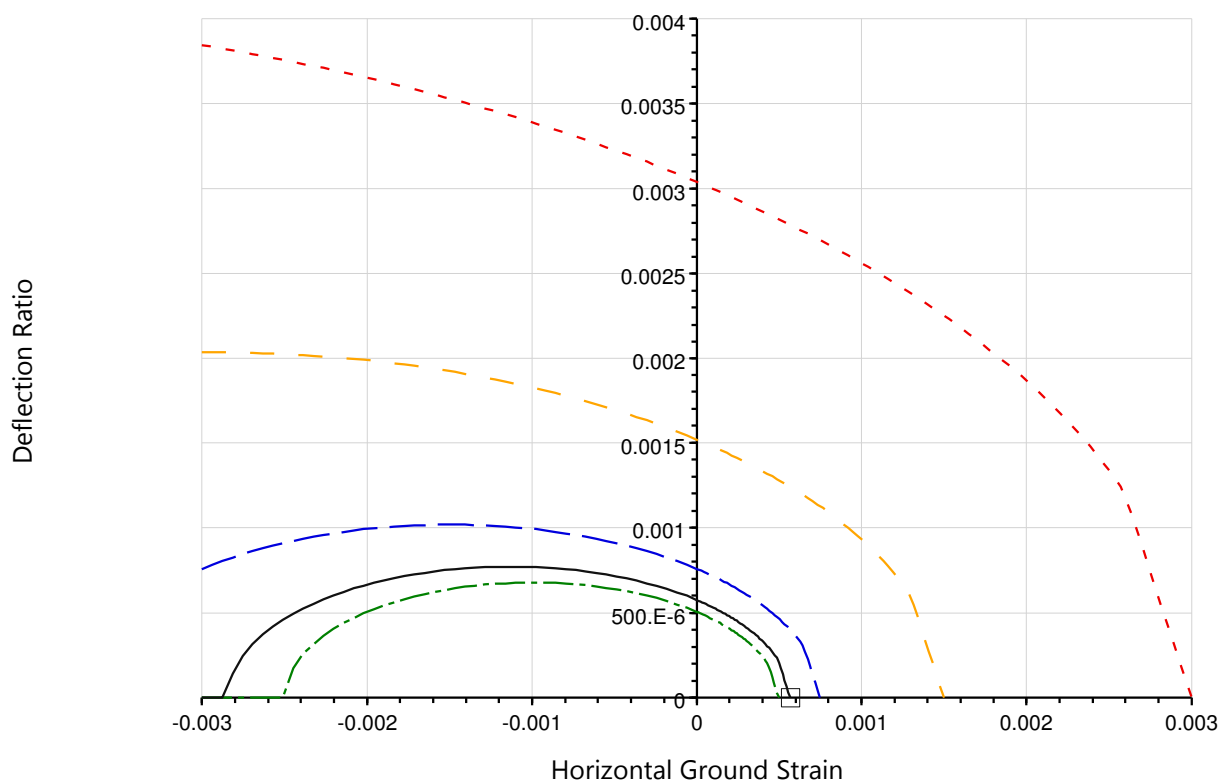
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

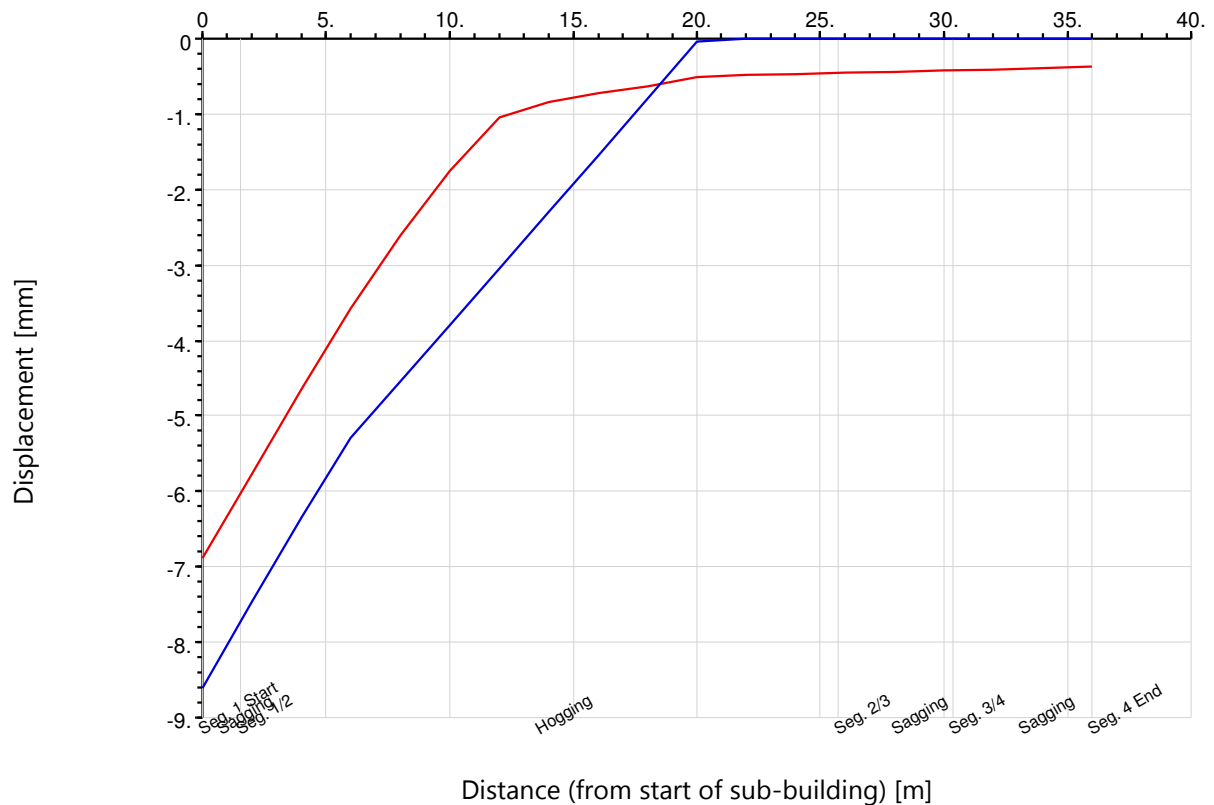
— Max Strains (-0.002845) (0.000569)

□ Result (0.000569, 0.000000 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 34: Hospital No.2_2/Hospital No.2_2, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 36: Hospital No.2_4/Hospital No.2_4, O/S: 0.000m, Uncomb. Segs., Seg. 4 (length 1.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

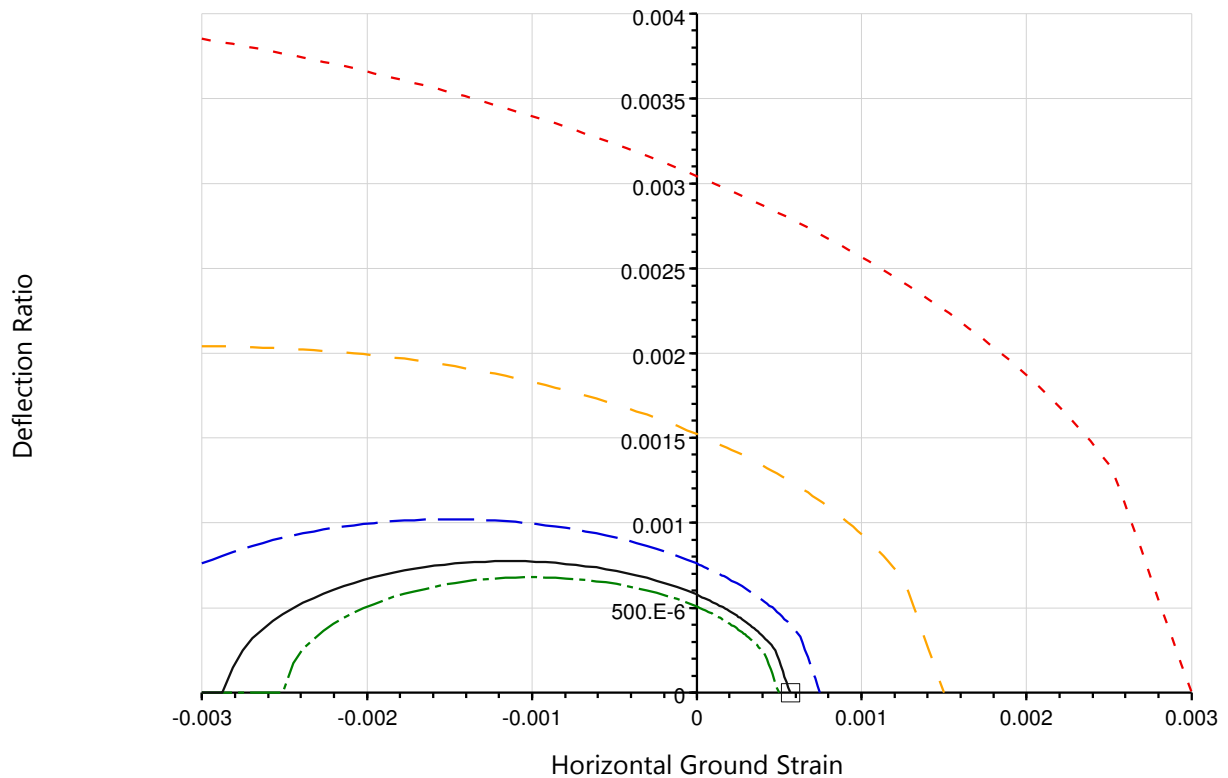
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

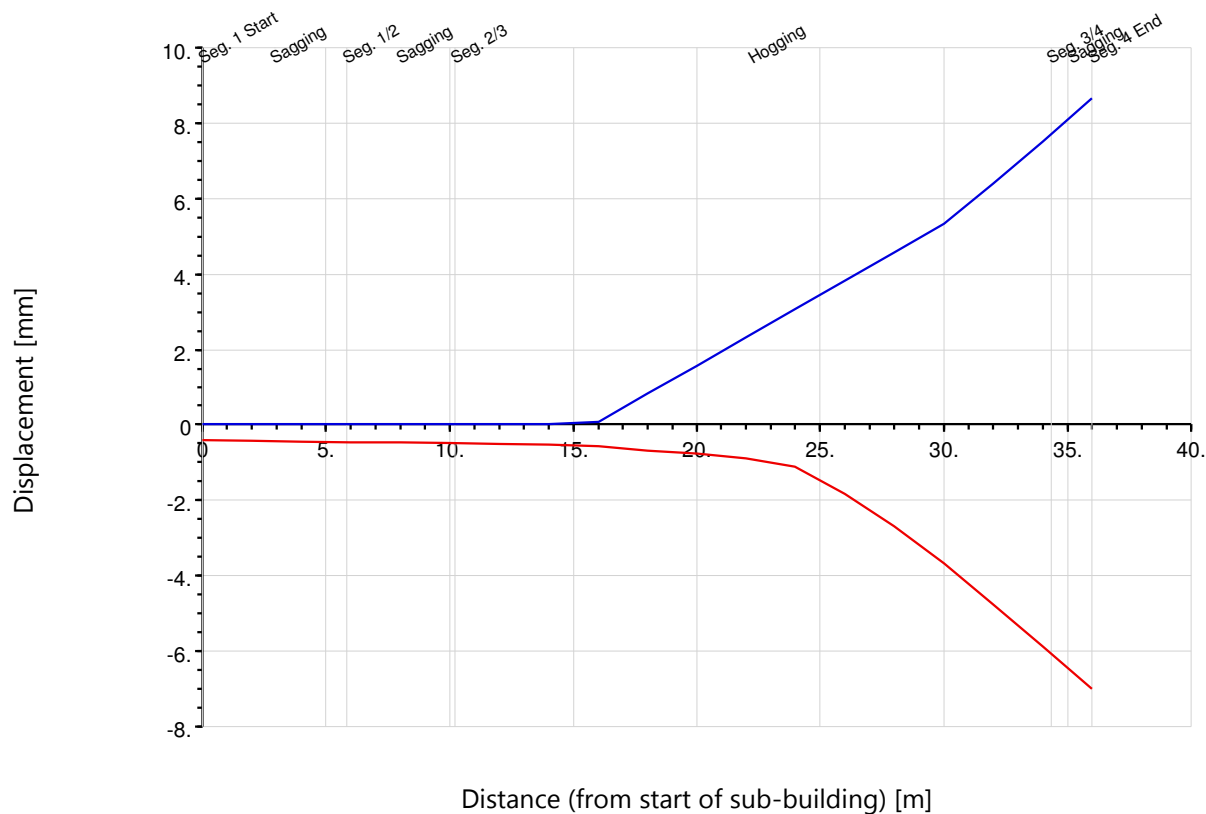
— Max Strains (-0.002849) (0.000570)

□ Result (0.000570, 0.000000 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 36: Hospital No.2_4/Hospital No.2_4, Offset: 0.000m, Uncombined Segments
Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 38: Hospital No.3_2/Hospital No.3_2, O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 1.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

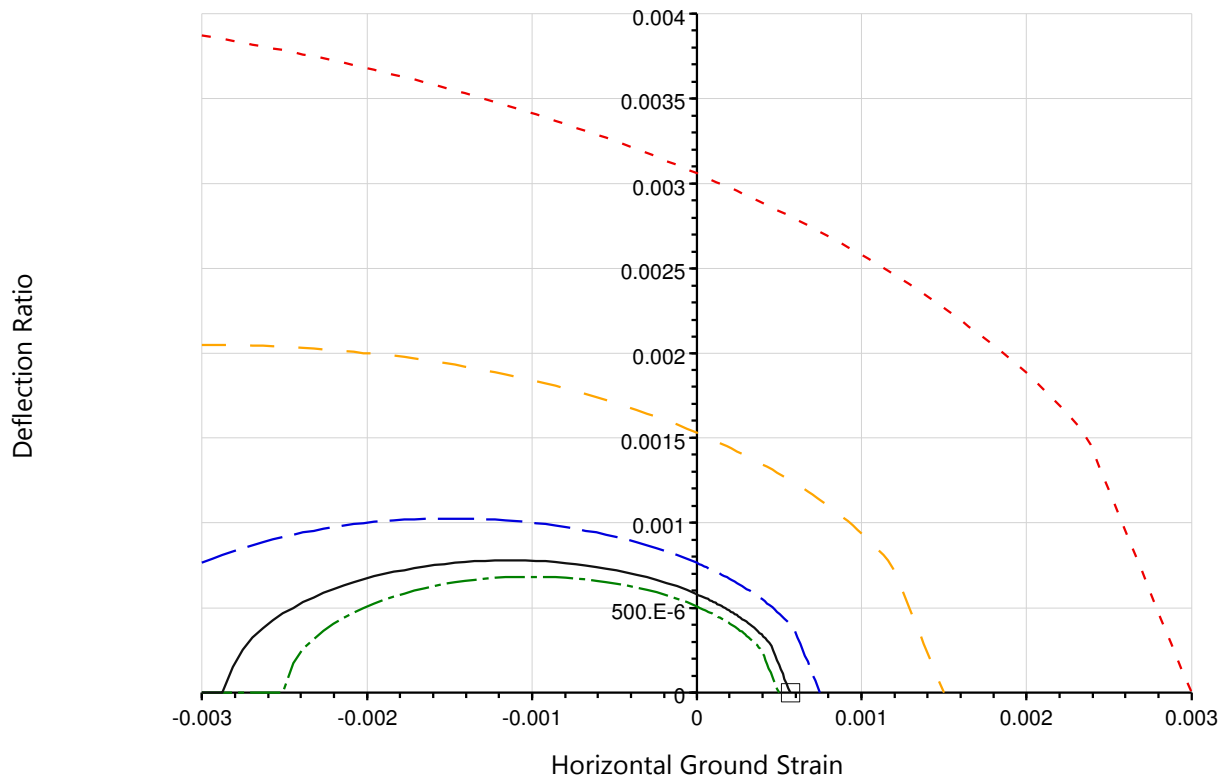
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

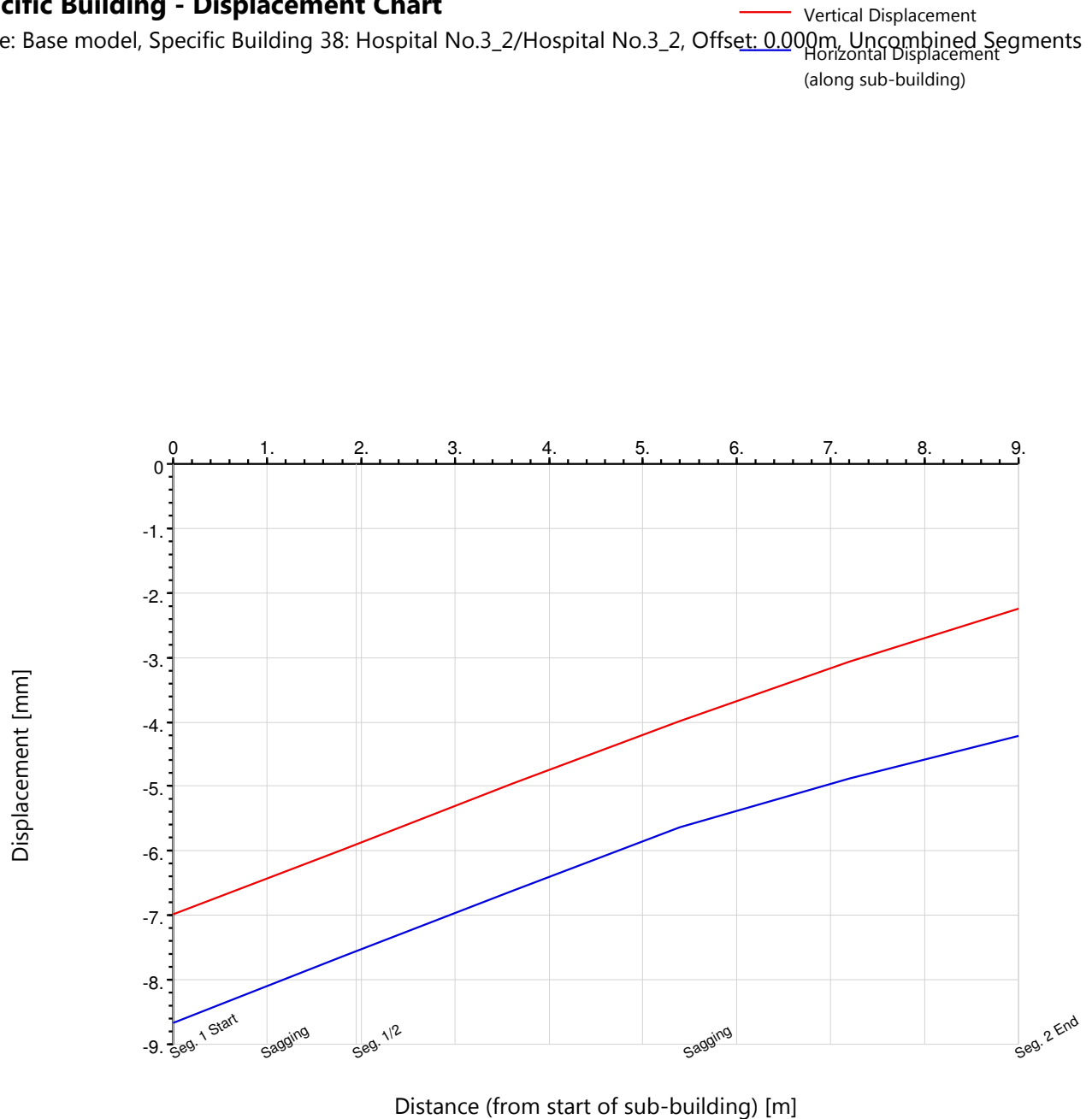
— Max Strains (-0.002850) (0.000570)

□ Result (0.000570, 0.000001 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 38: Hospital No.3_2/Hospital No.3_2, Offset: 0.000m, Uncombined Segments



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 24: TP No.3_2/TP No.3_2, O/S: 0.000m, Uncomb. Segs. Seg. 1 (length 0.990m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

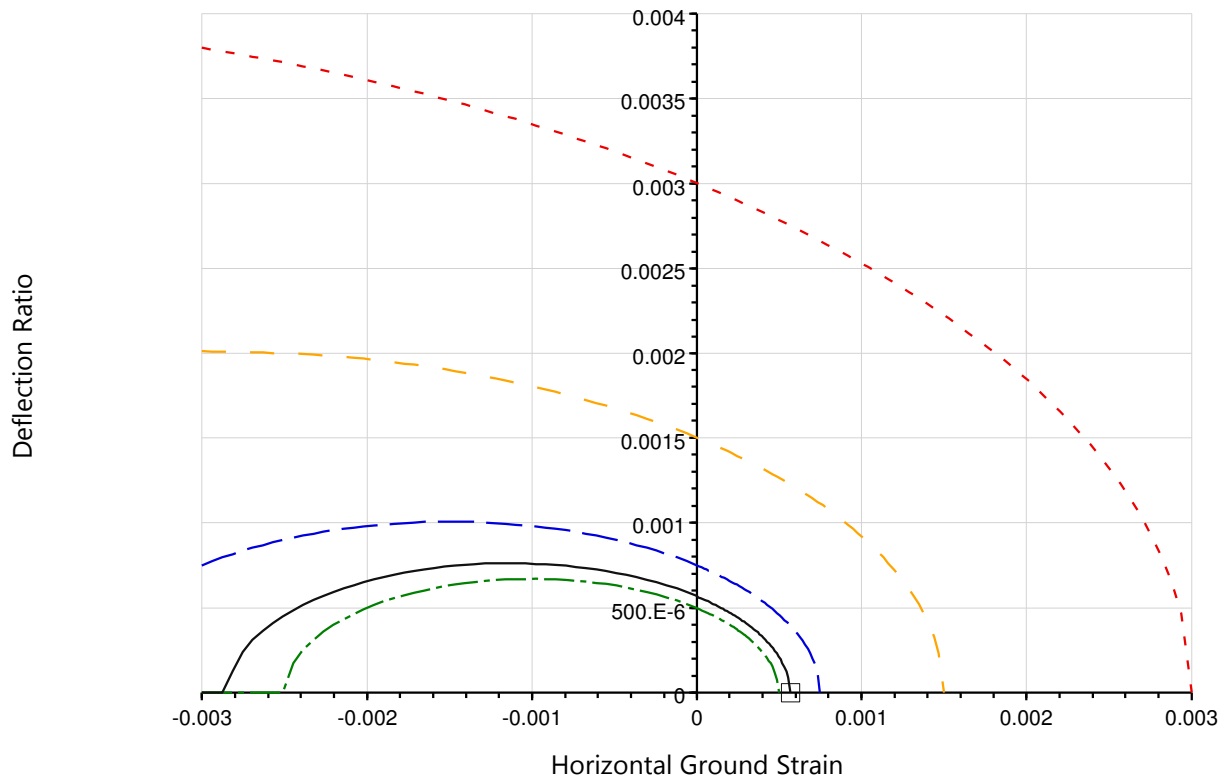
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

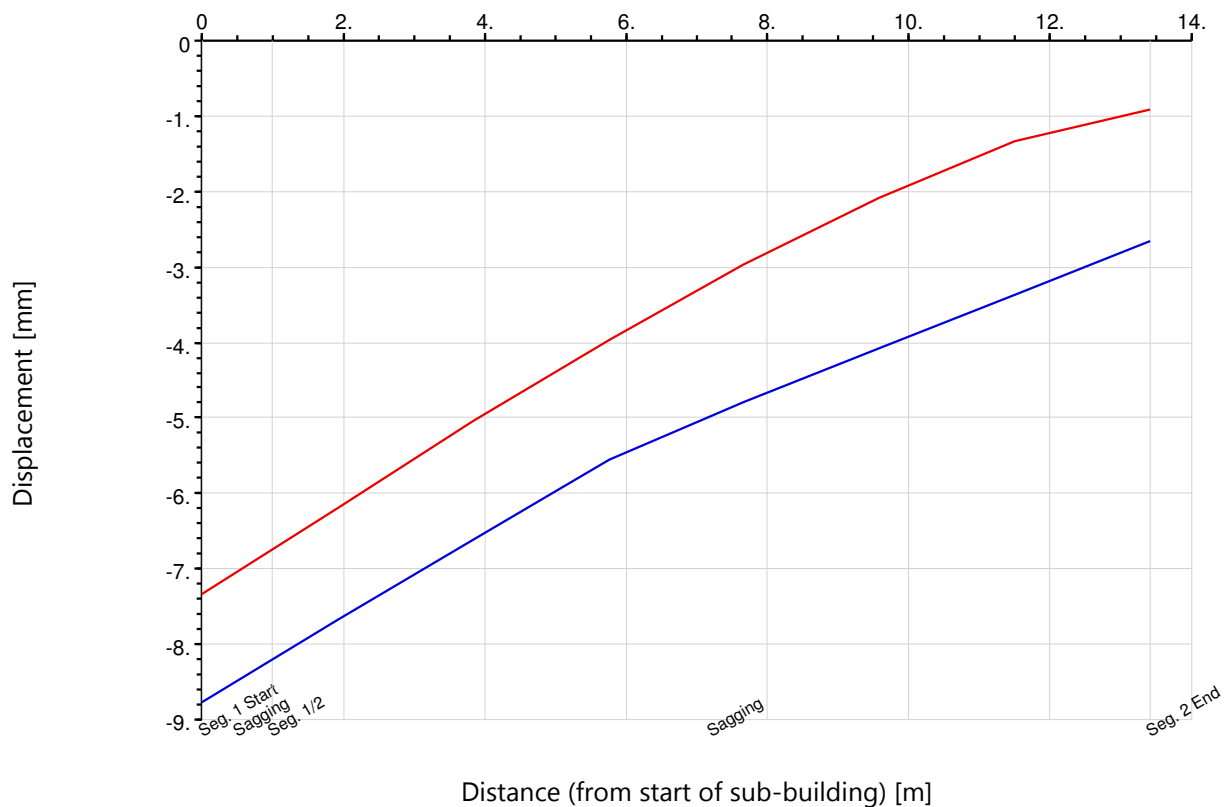
— Max Strains (-0.002842) (0.000568)

□ Result (0.000568, 0.000000 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 24: TP No.3_2/TP No.3_2, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement (along sub-building)



Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, O/S: 0.000m, Uncomb. Segs., Seg. 5 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

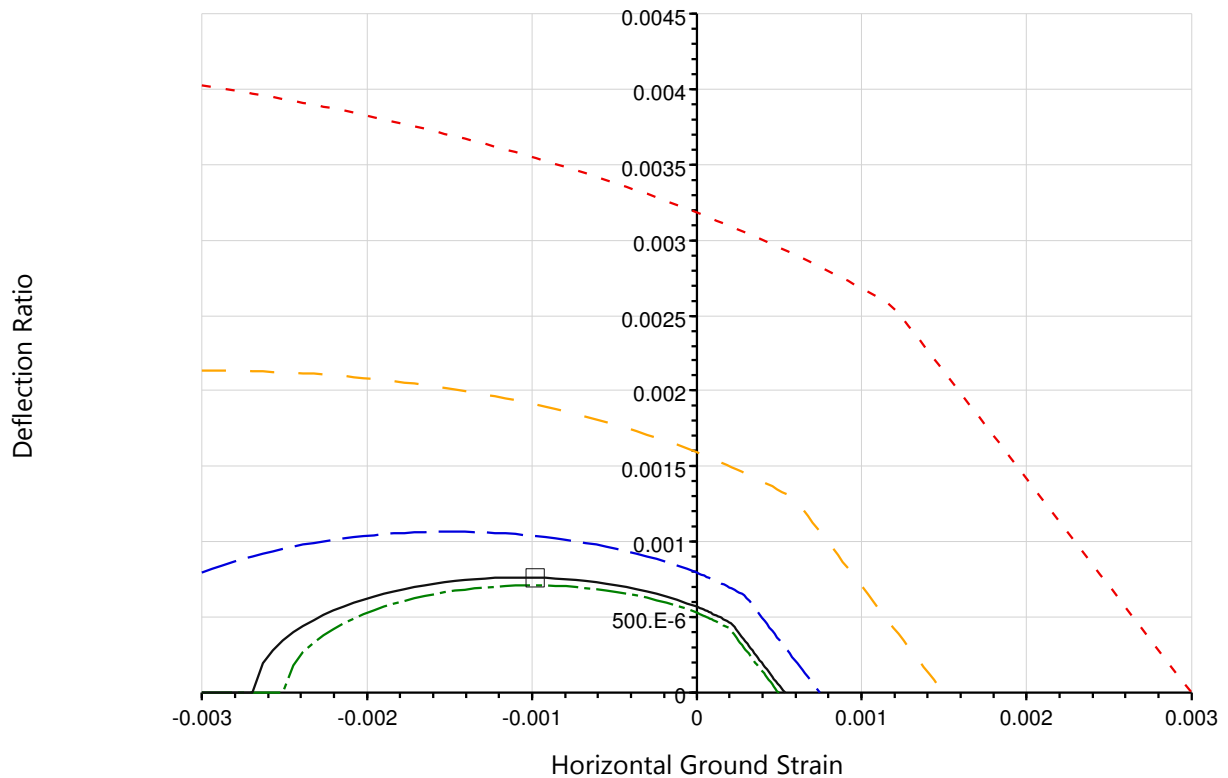
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002687) (0.000537)

□ Result (-0.000982, 0.000763 - Cat. 1)



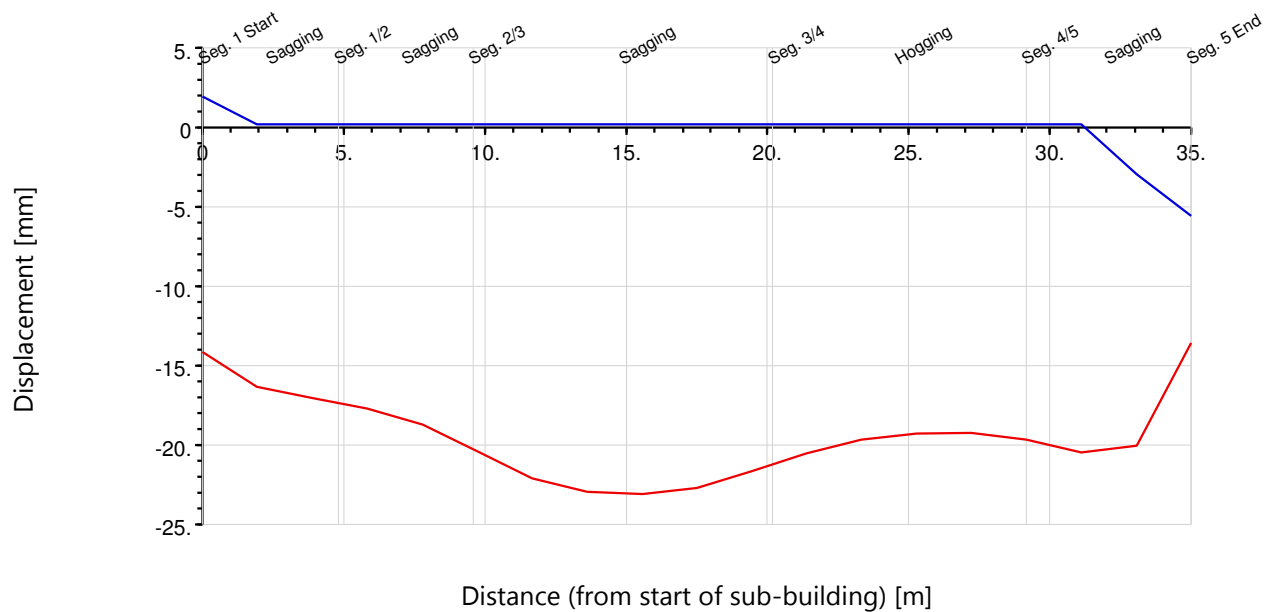
UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, Offset: 0.000m, Uncombined Segmen
Horizontal Displacement
(along sub-building)



Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, O/S: 0.000m, Uncomb. Segs., Seg. 1 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

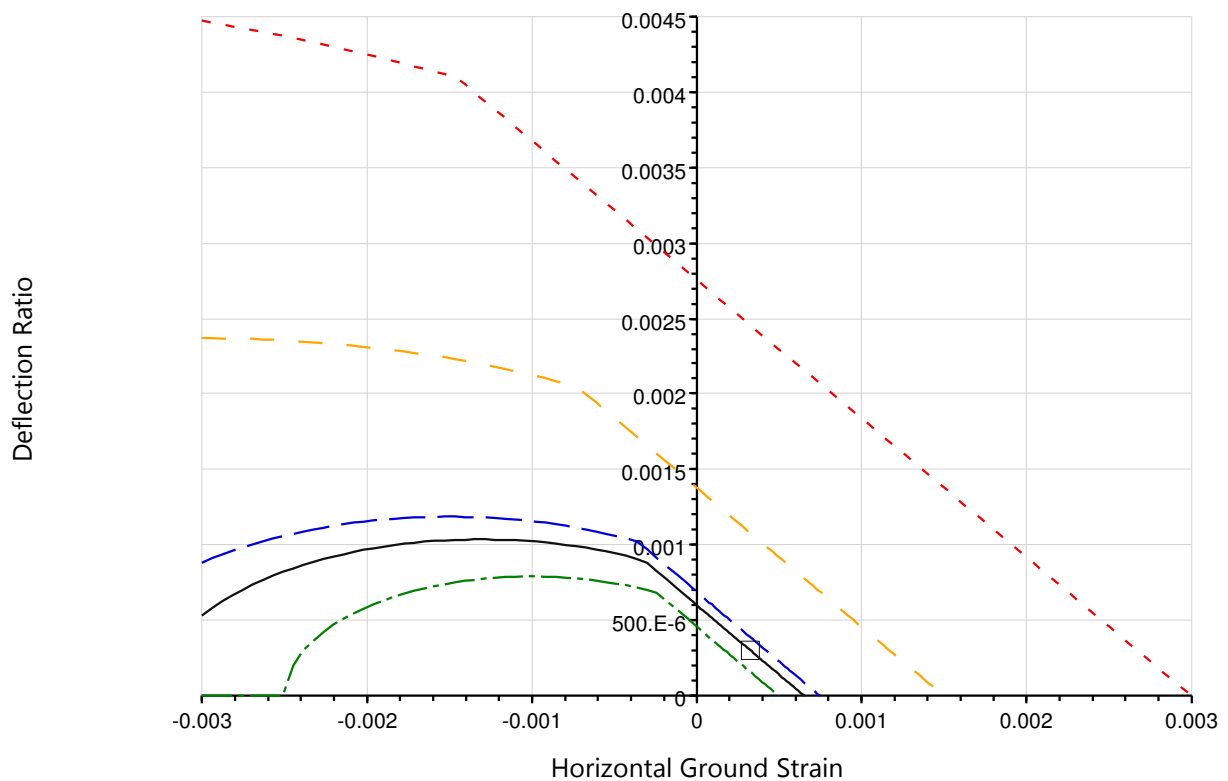
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.003277) (0.000655)

□ Result (0.000326, 0.000302 - Cat. 1)



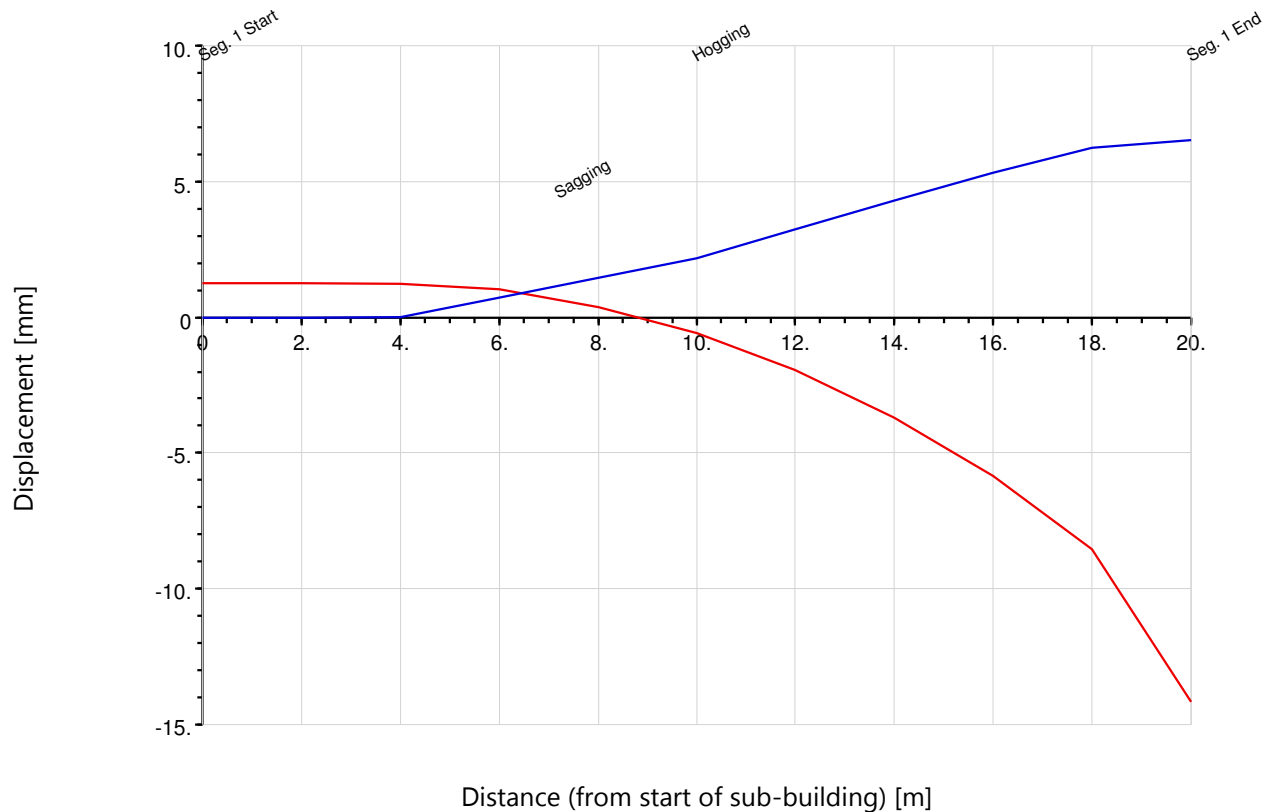
UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, Offset: 0.000m, Uncombined Segment
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 32: Hospital No.1_6/Hospital No.1_6_O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 2: Cat. 1 (Very Slight) to 2 (Slight)

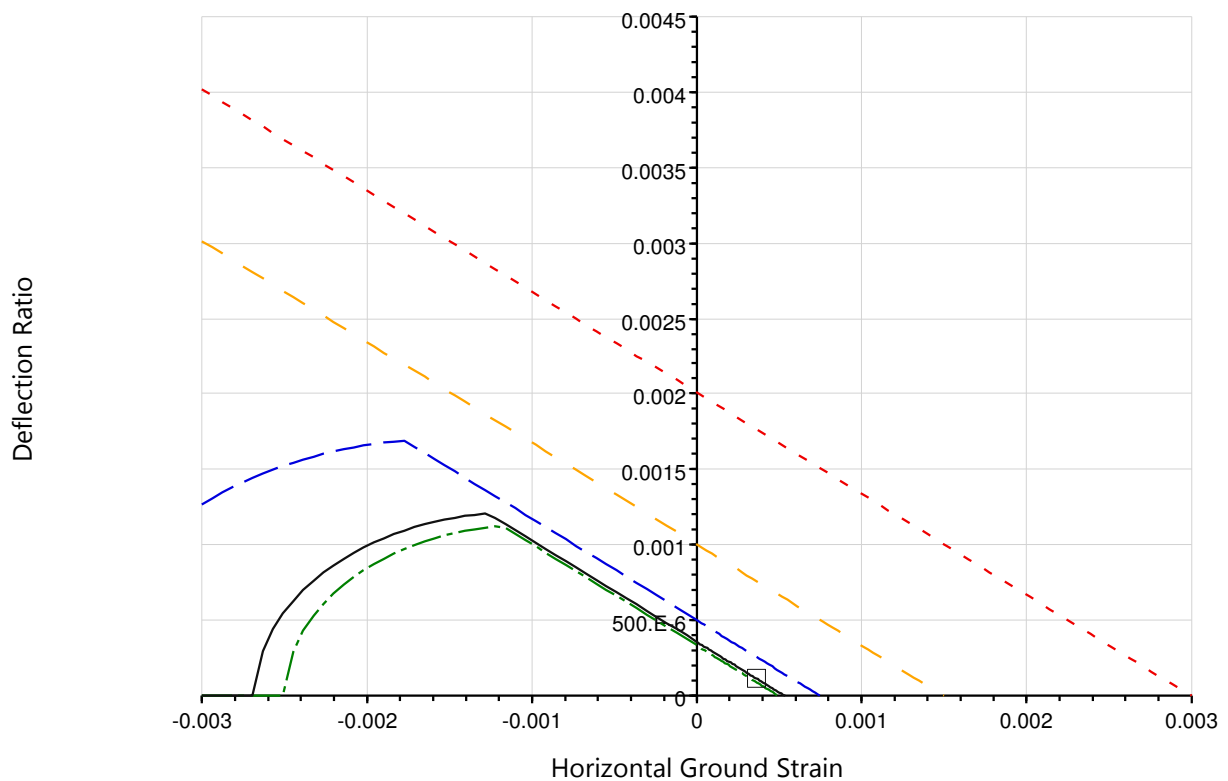
--- Cat. 0 (Negligible) to 1 (Very Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002681) (0.000536)

□ Result (0.000363, 0.000116 - Cat. 1)



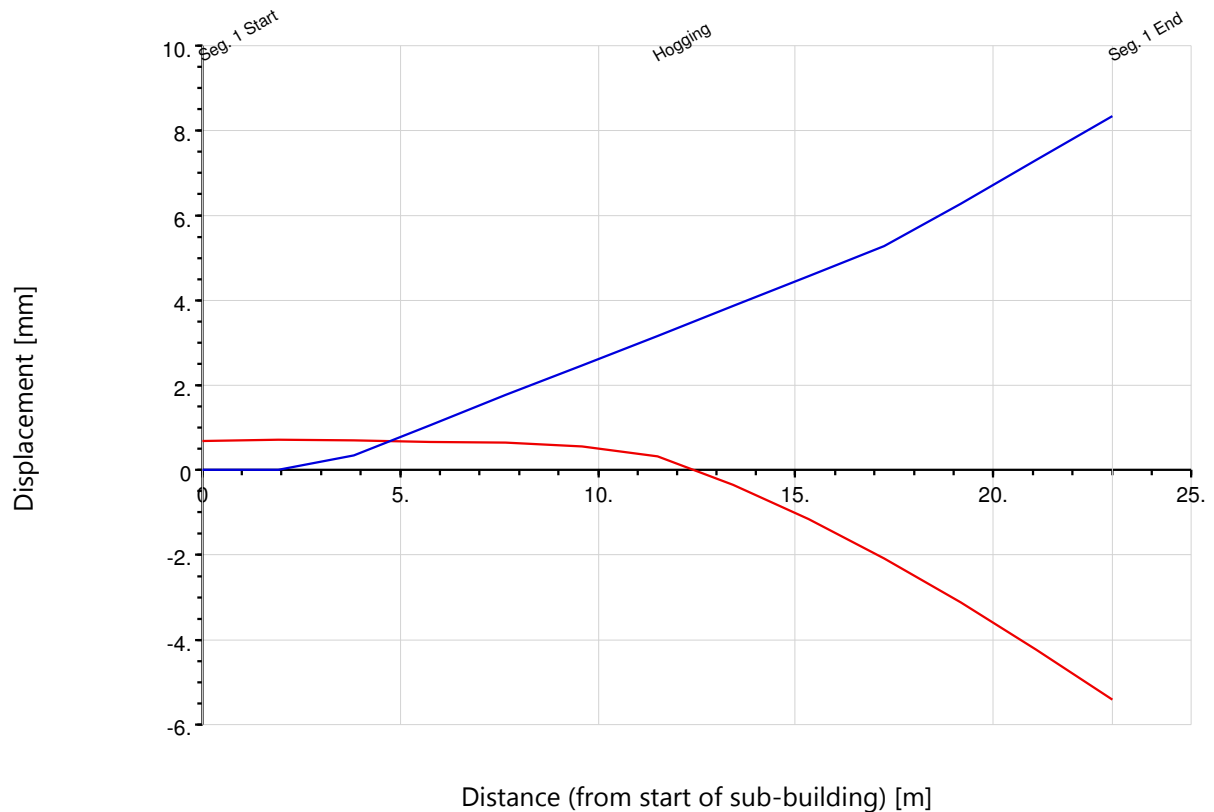
UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 32: Hospital No.1_6/Hospital No.1_6, Offset: 0.000m, Uncombined Segments
Horizontal Displacement
(along sub-building)



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Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 34: Hospital No.2_2/Hospital No.2_2, O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 2.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

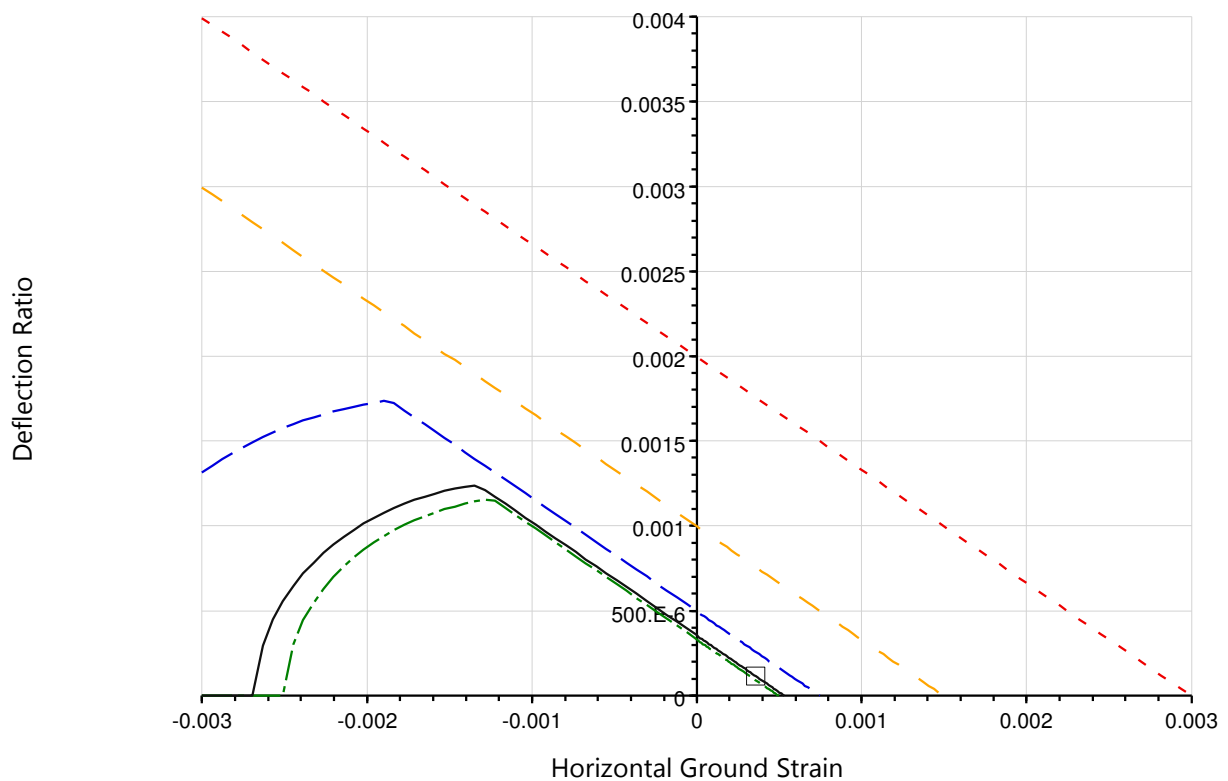
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002677) (0.000535)

□ Result (0.000359, 0.000117 - Cat. 1)



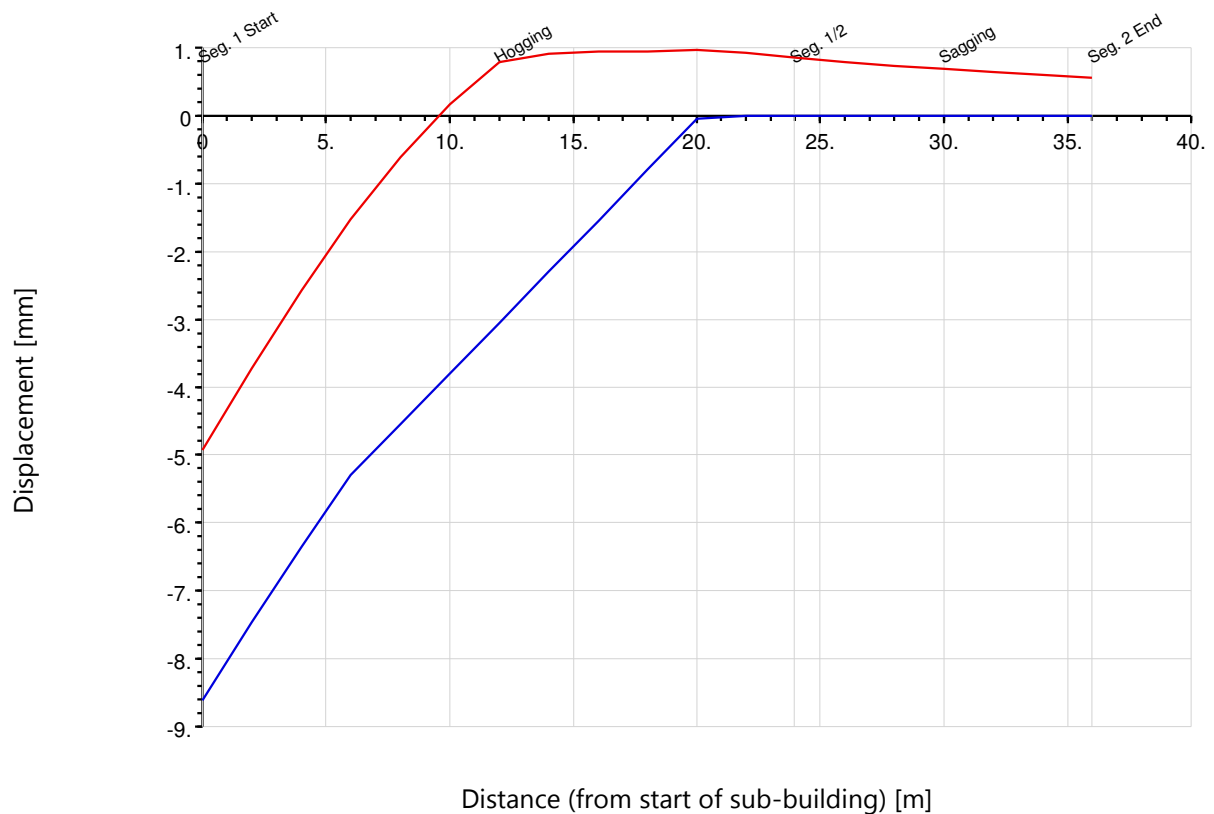
UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 34: Hospital No.2_2/Hospital No.2_2, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement (along sub-building)



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Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 36: Hospital No.2_4/Hospital No.2_4, O/S: 0.000m, Uncomb. Segs., Seg. 2 (length 2.3m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

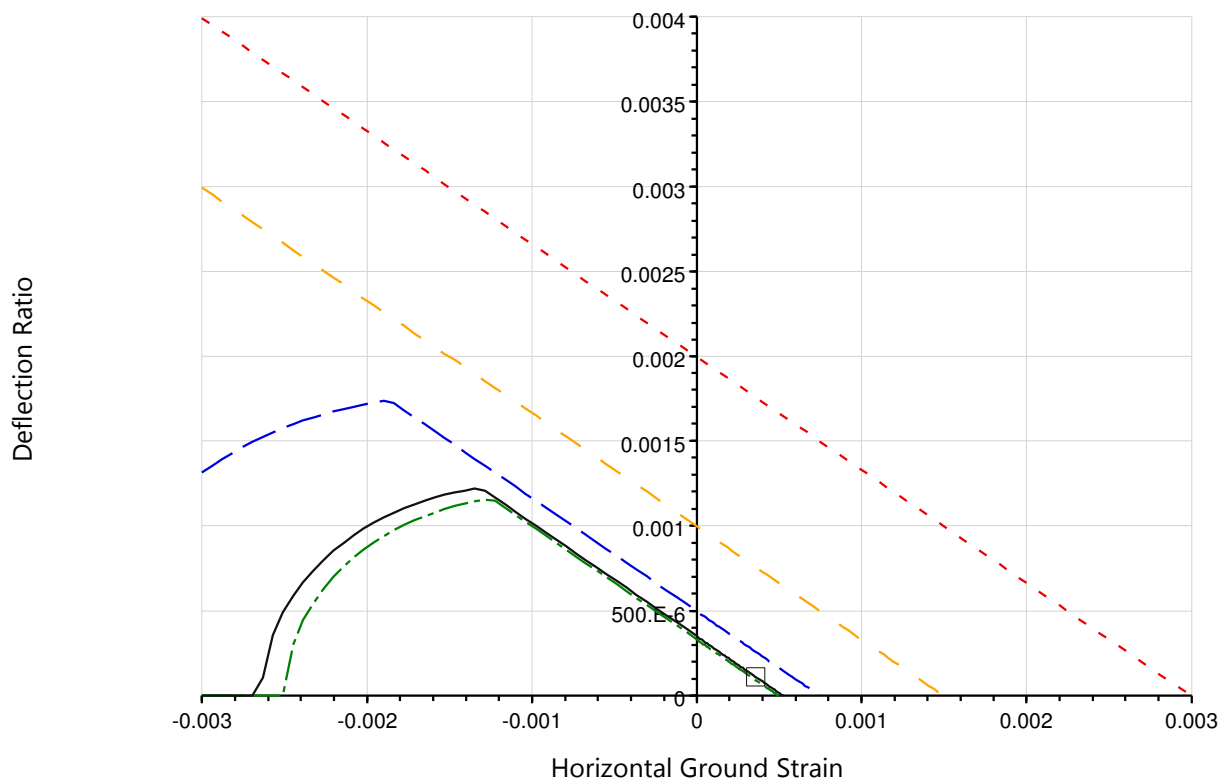
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002639) (0.000528)

□ Result (0.000361, 0.000111 - Cat. 1)



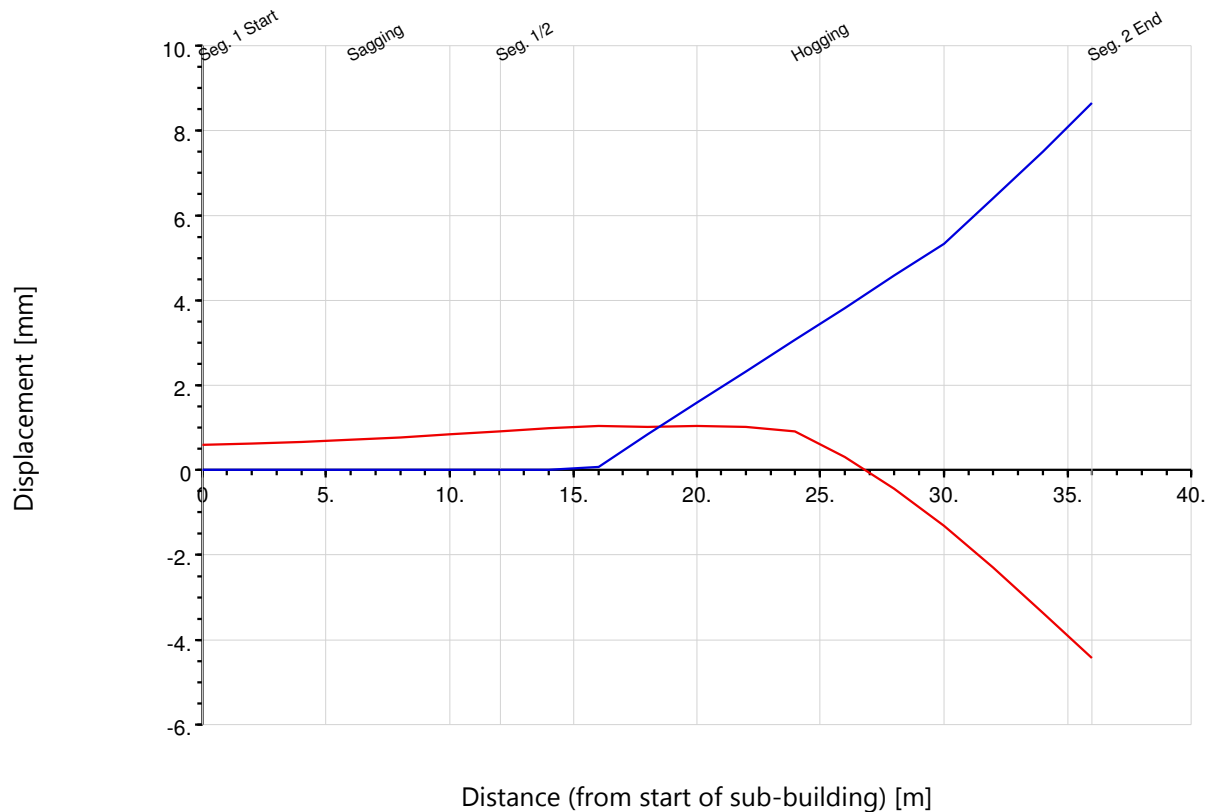
UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 36: Hospital No.2_4/Hospital No.2_4, Offset: 0.000m, Uncombined Segments
Horizontal Displacement
(along sub-building)



Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 38: Hospital No.3_2/Hospital No.3_2, O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 1.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

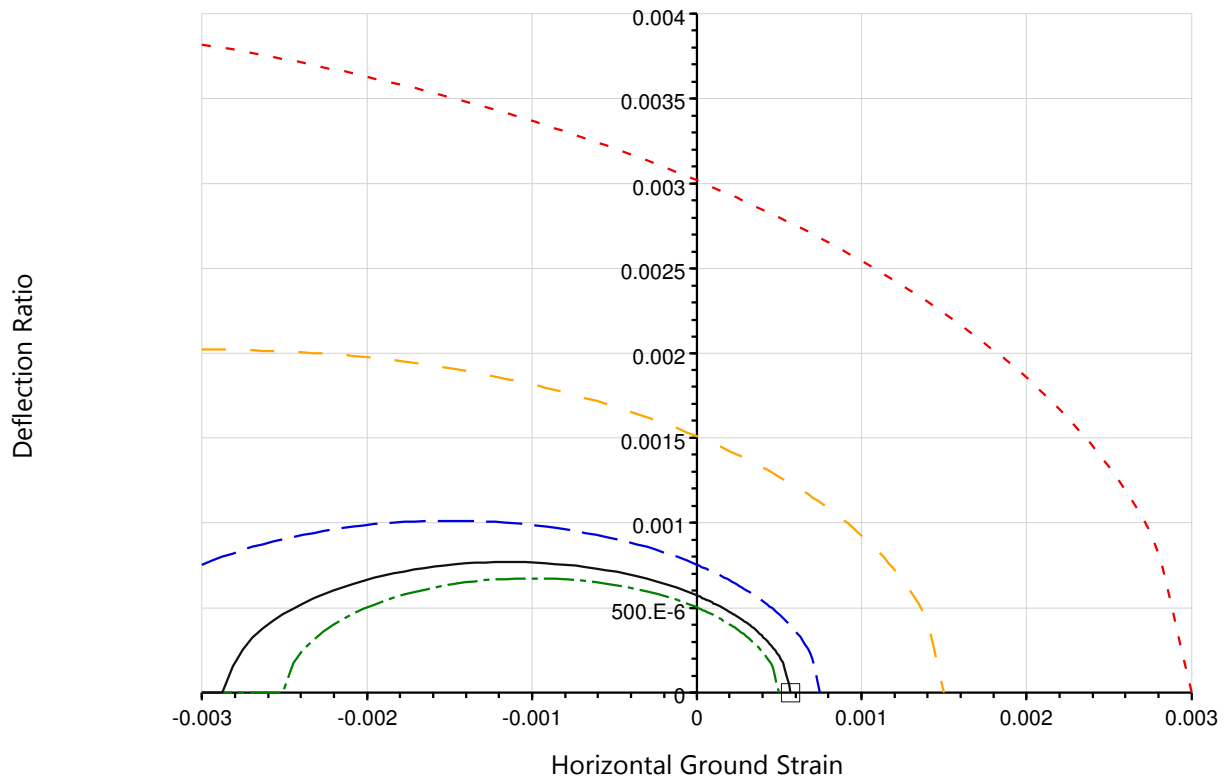
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002853) (0.000571)

□ Result (0.000571, 0.000000 - Cat. 1)



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Building Damage Assessment

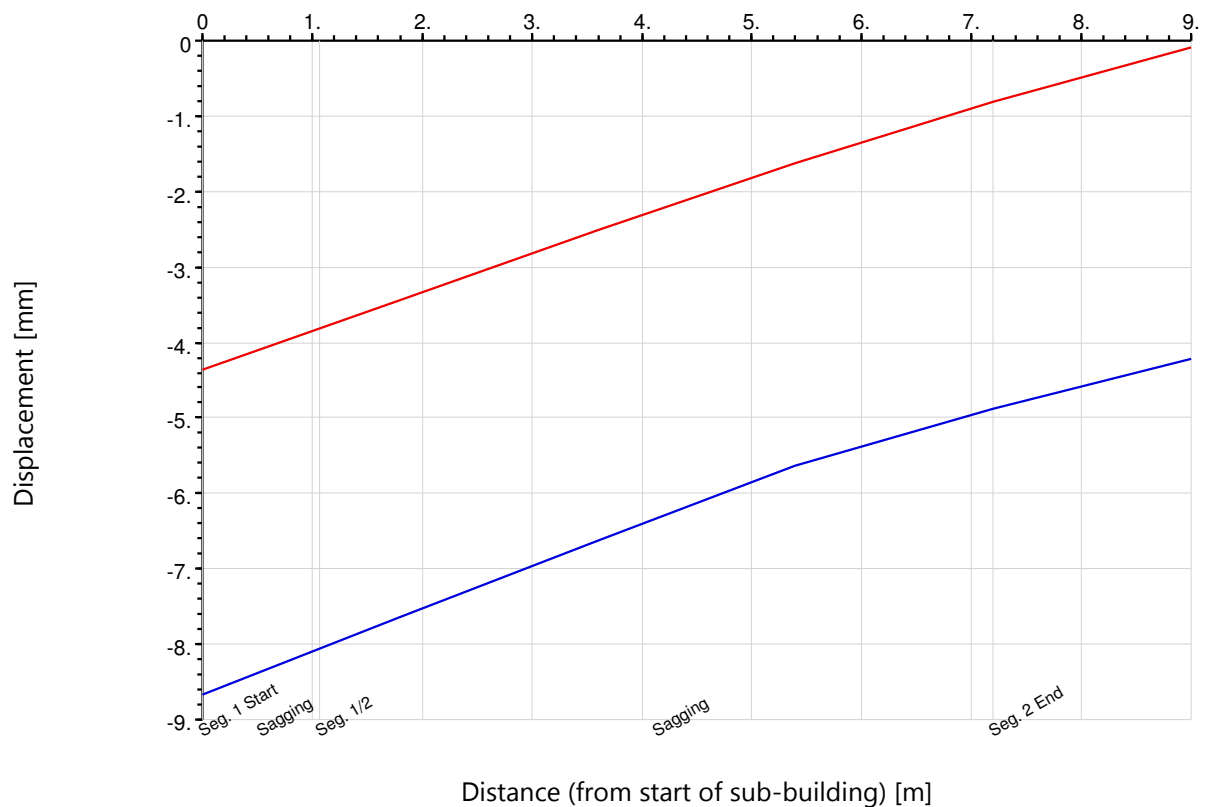
PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 38: Hospital No.3_2/Hospital No.3_2, Offset: 0.000m, Uncombined Segments

Horizontal Displacement

(along sub-building)



Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 24: TP No.3_2/TP No.3_2, O/S: 0.000m, Uncomb. Segs. Seg. 1 (length 13.416m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

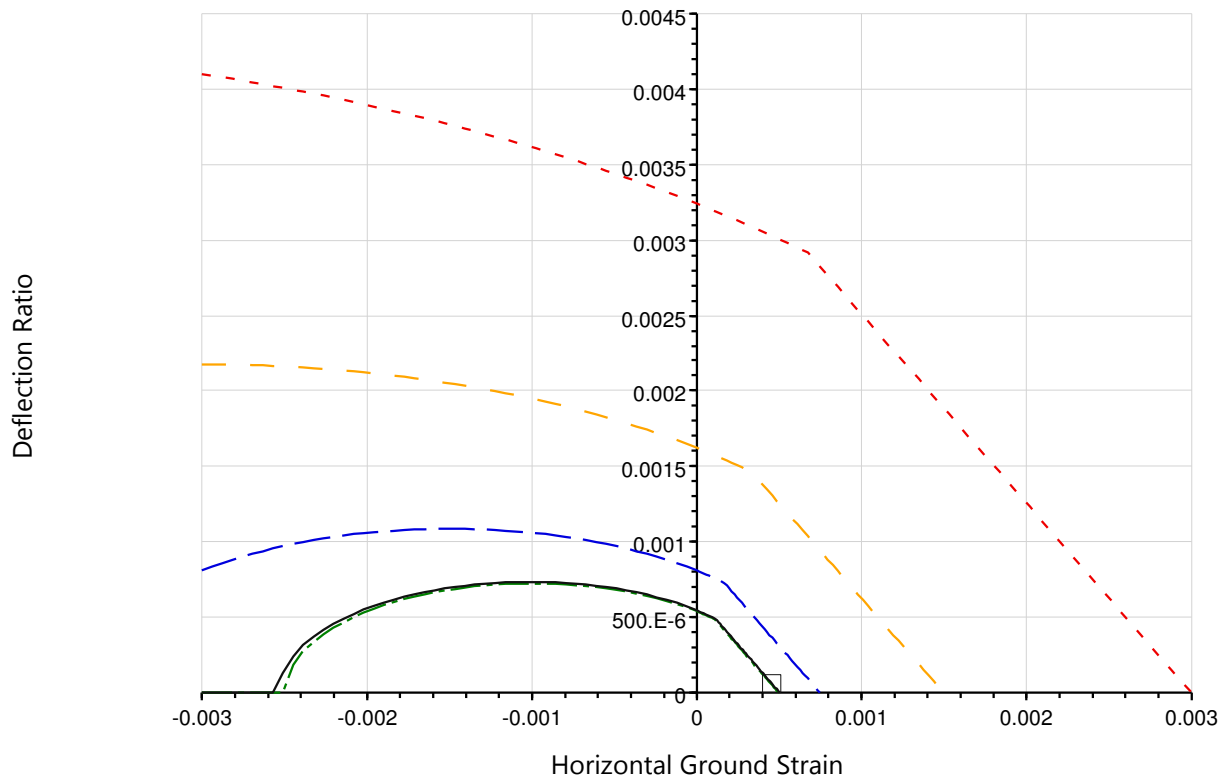
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002535) (0.000507)

□ Result (0.000456, 0.000064 - Cat. 1)



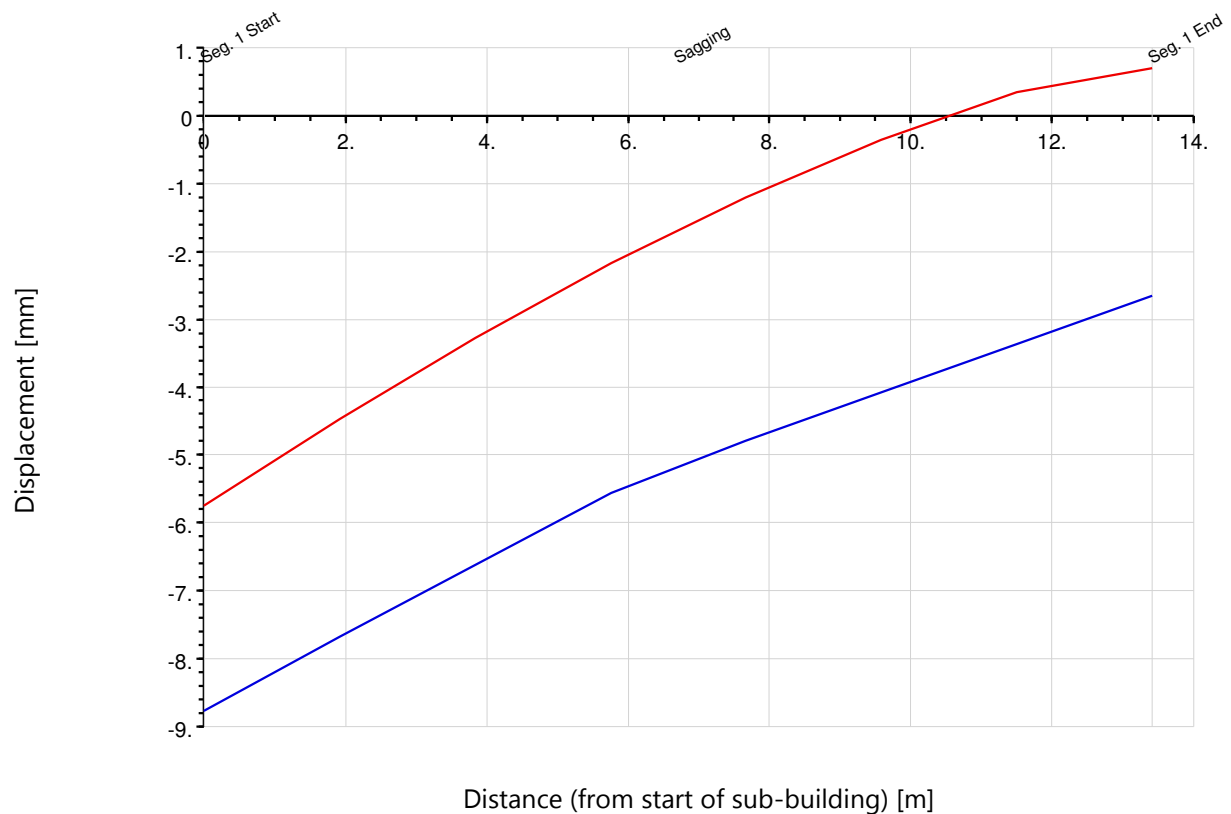
UBB, London

Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Specific Building - Displacement Chart

Stage: Base model, Specific Building 24: TP No.3_2/TP No.3_2, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, O/S: 0.000m, Uncomb. Segs., Seg. 5 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

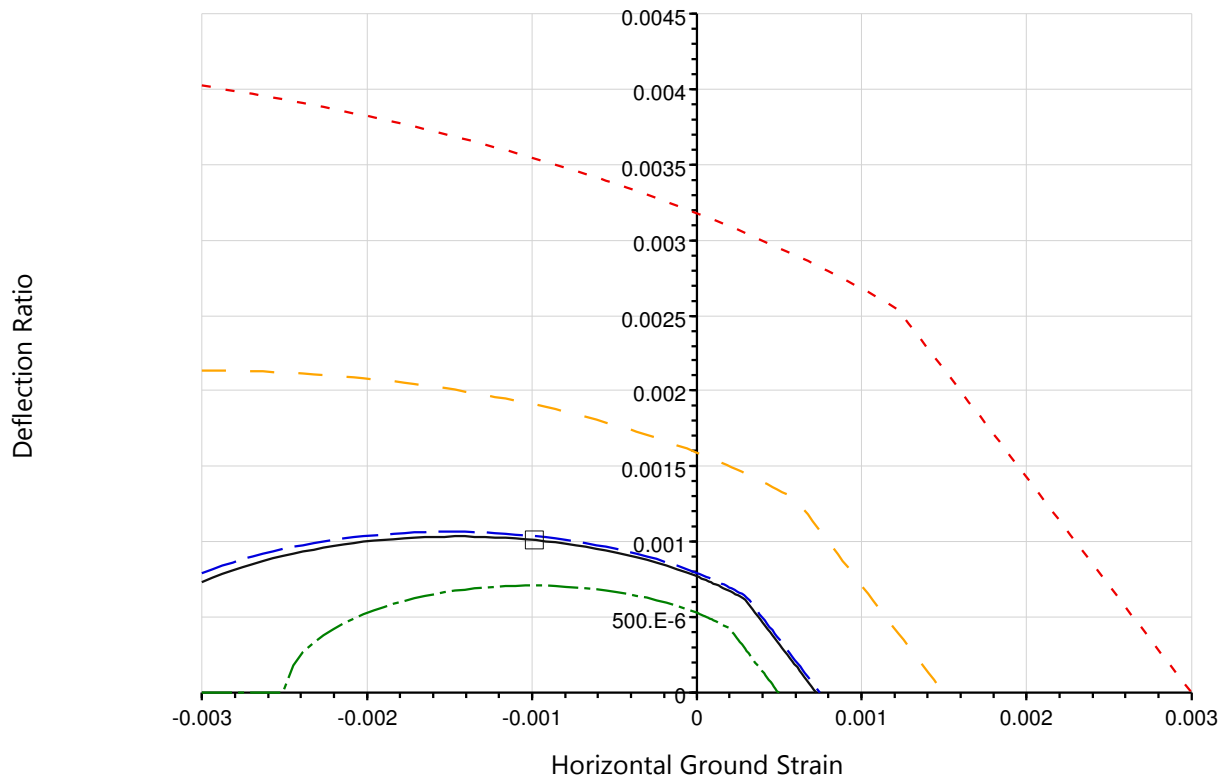
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

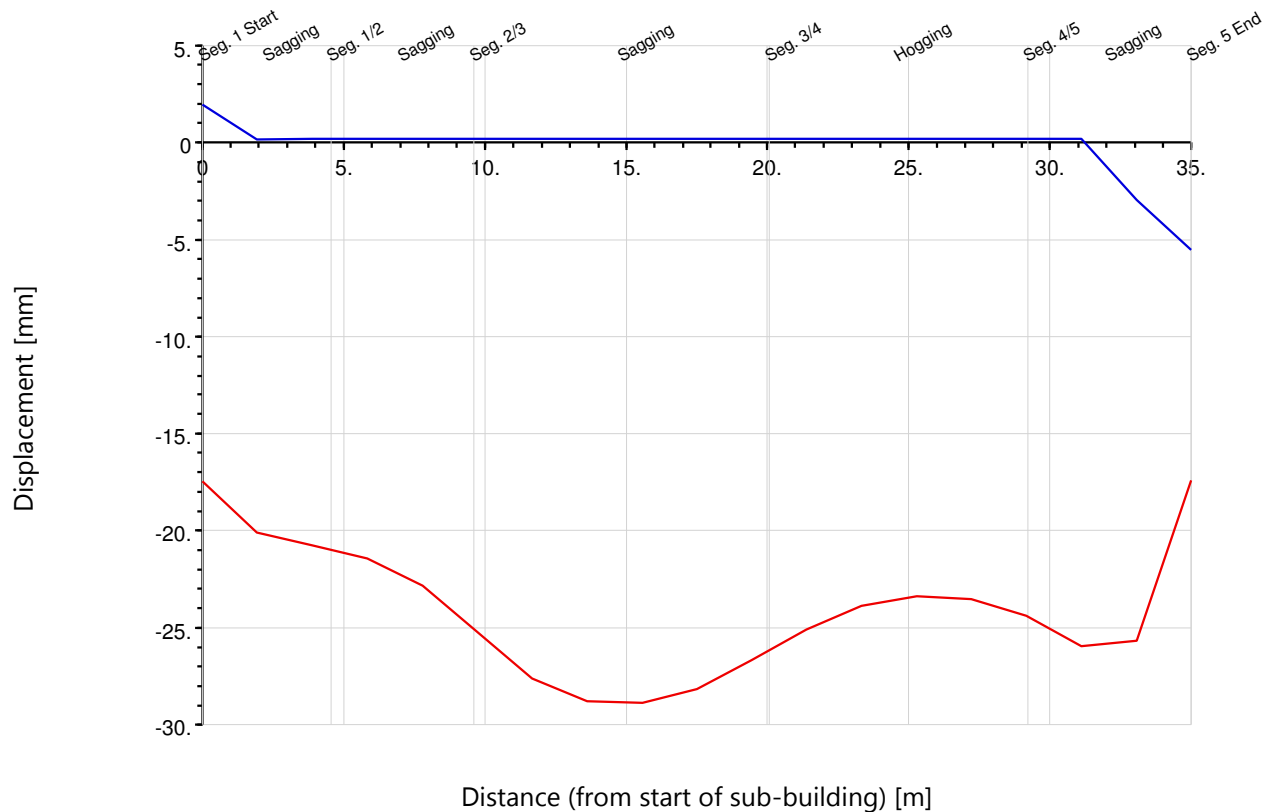
— Max Strains (-0.003640) (0.000728)

□ Result (-0.000989, 0.001011 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 1: Canal Side Studios_1/Canal Side Studios_1, Offset: 0.000m, Uncombined Segments
Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, O/S: 0.000m, Uncomb. Segs., Seg. 1 (l

--- Cat. 0 (Negligible) to 1 (Very Slight)

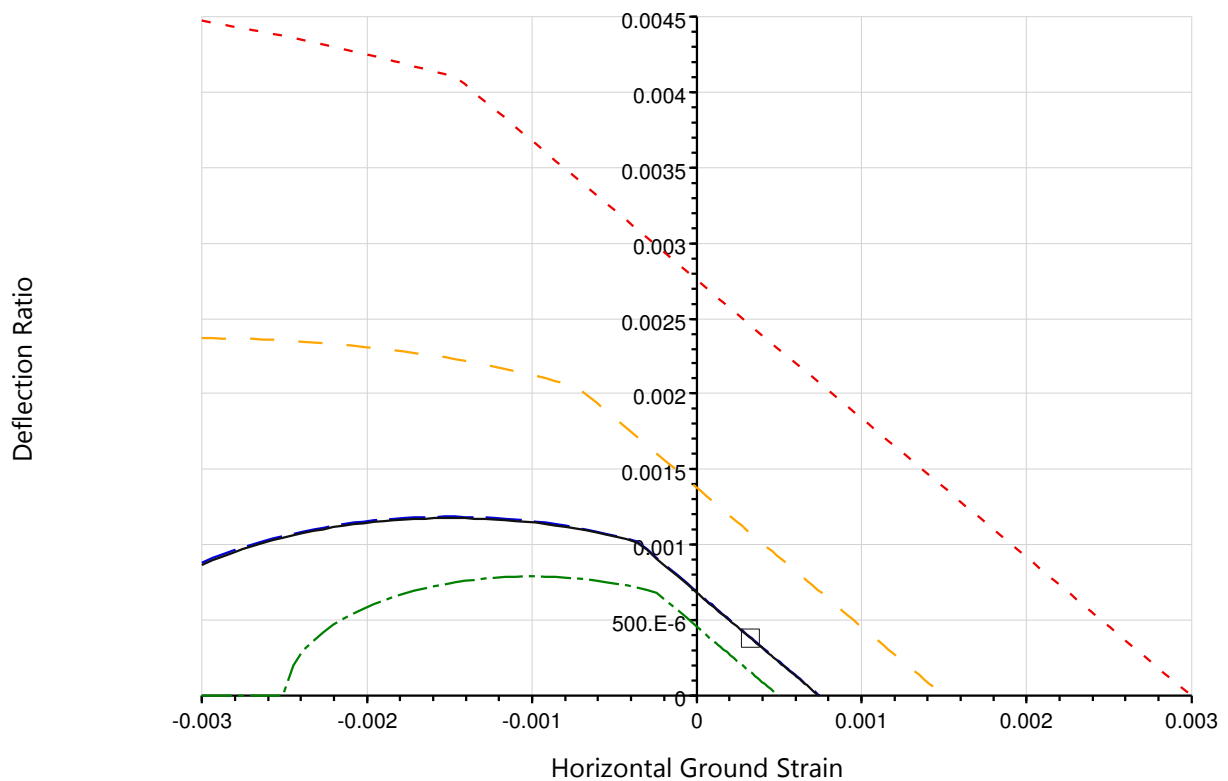
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

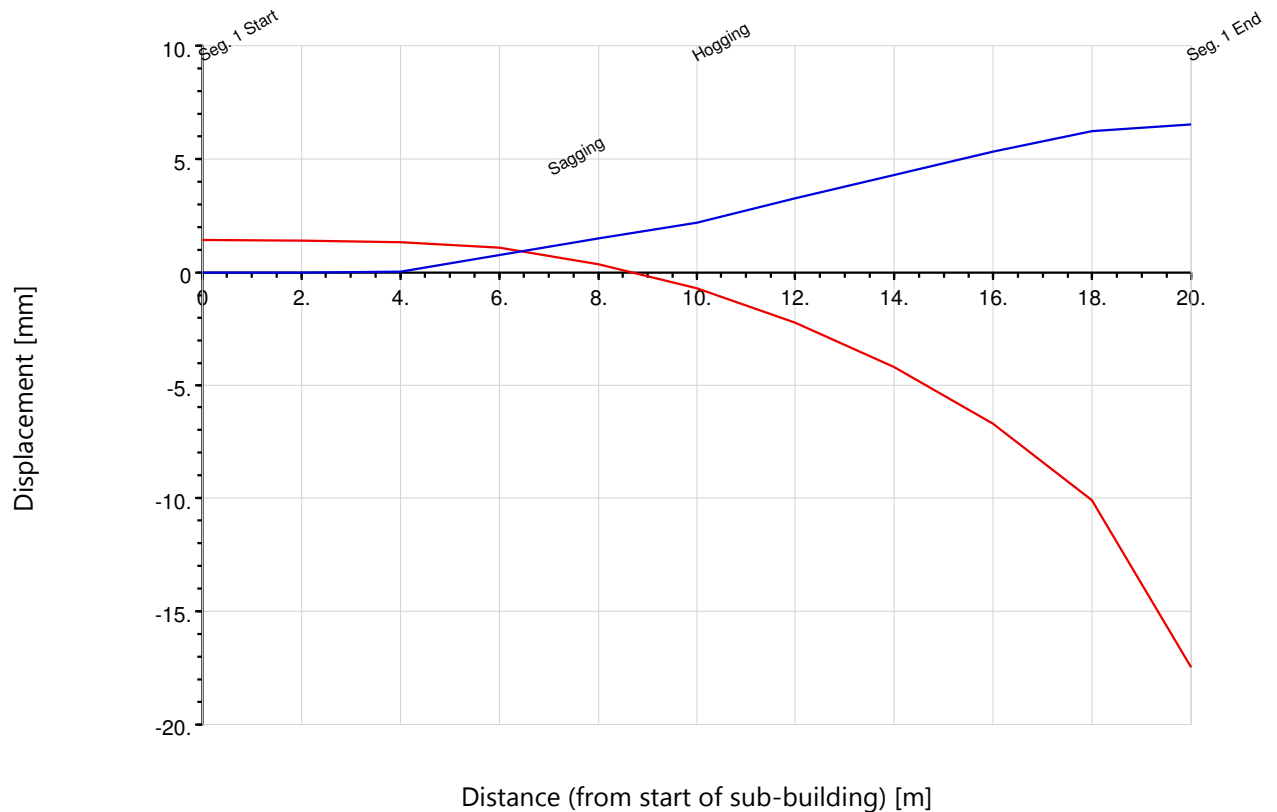
— Max Strains (-0.003724) (0.000745)

□ Result (0.000326, 0.000385 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 4: Canal Side Studios_4/Canal Side Studios_4, Offset: 0.000m, Uncombined Segment
 Horizontal Displacement (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 32: Hospital No.1_6/Hospital No.1_6_O/S: 0.000m, Uncomb. Segs., Seg. 2 (length 0.000m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

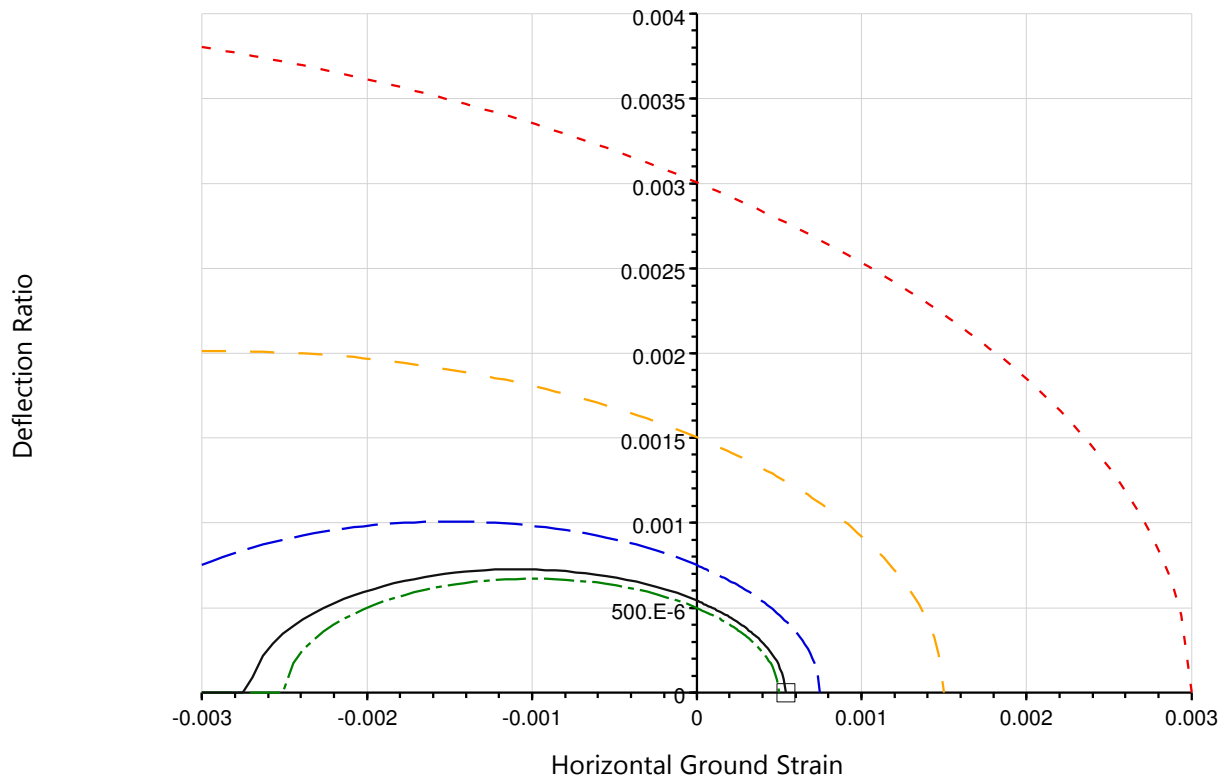
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

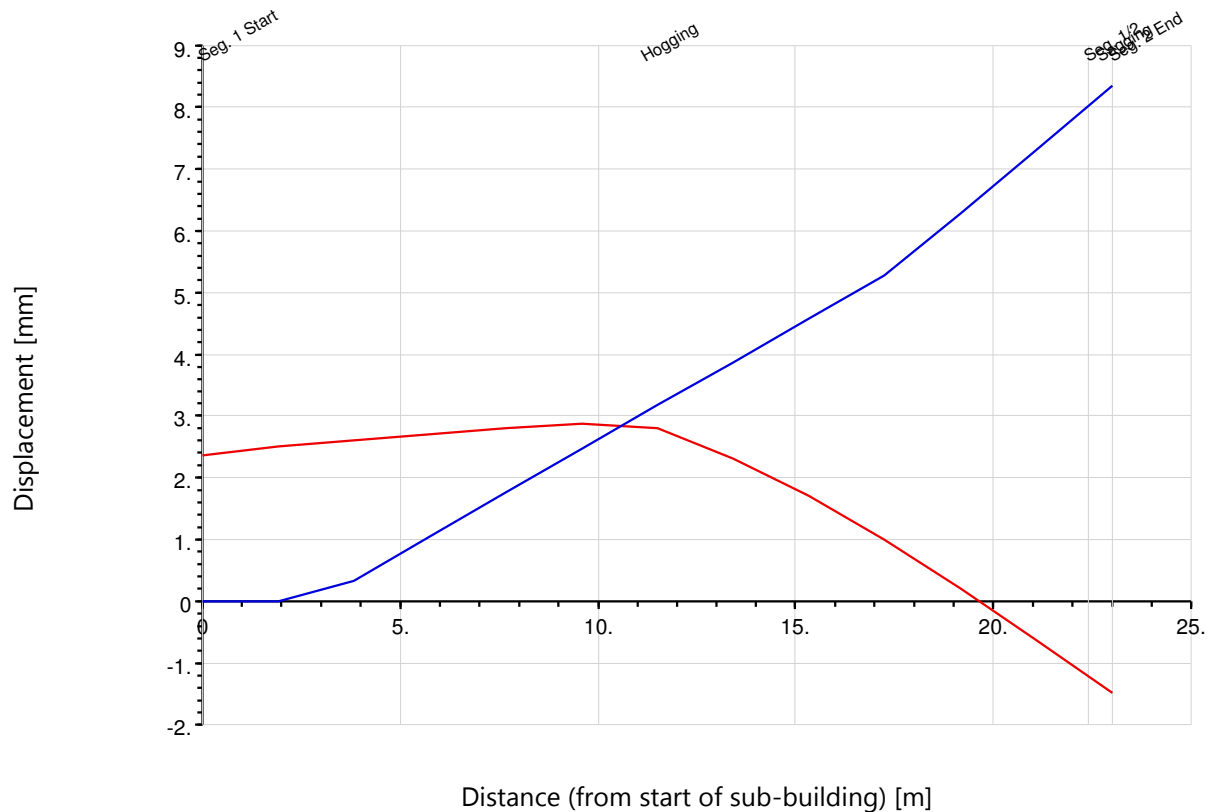
— Max Strains (-0.002707) (0.000541)

□ Result (0.000541, 0.000000 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 32: Hospital No.1_6/Hospital No.1_6, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement
 (along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 34: Hospital No.2_2/Hospital No.2_2, O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 1.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

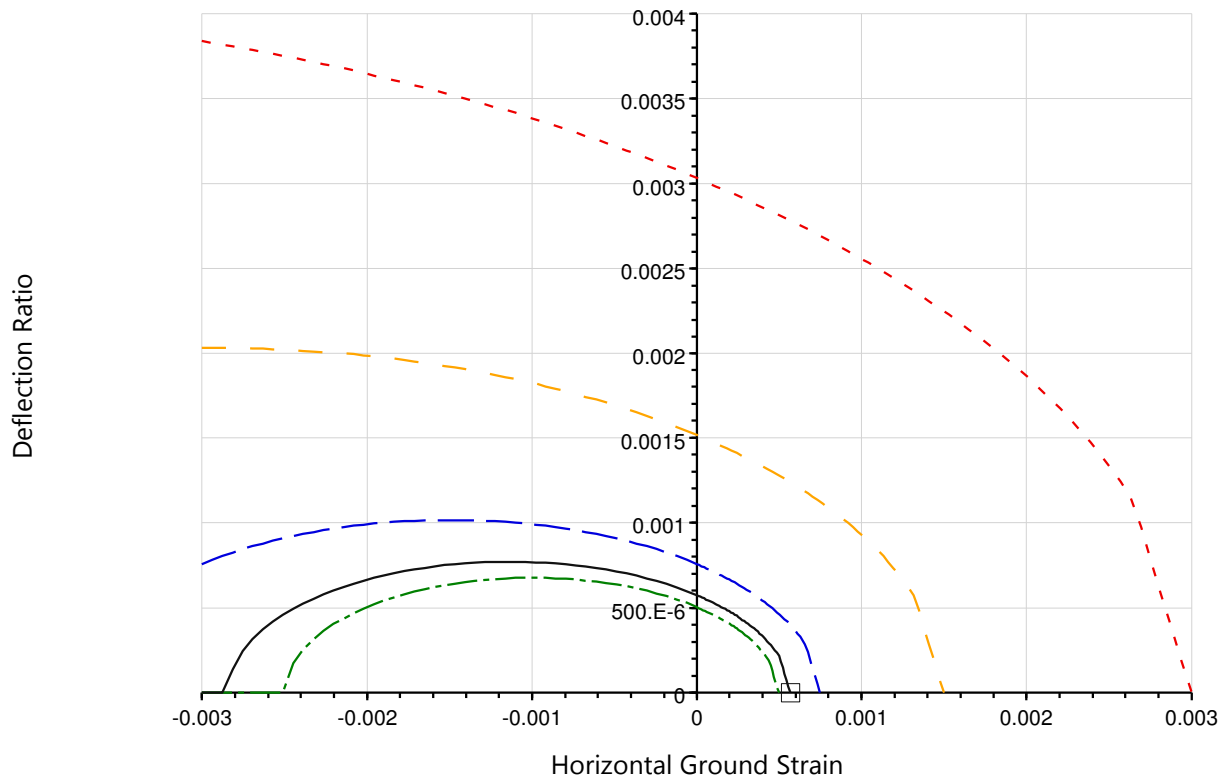
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

— Max Strains (-0.002845) (0.000569)

□ Result (0.000569, 0.000000 - Cat. 1)

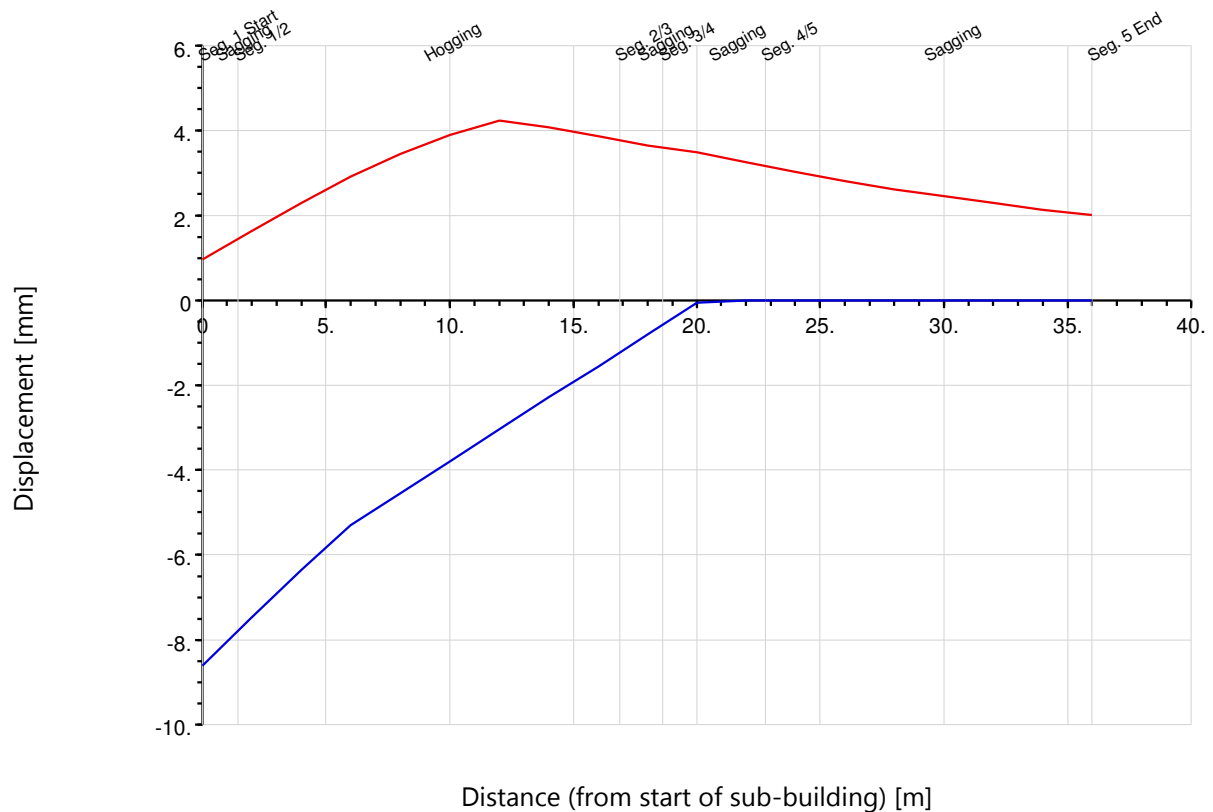


Specific Building - Displacement Chart

Stage: Base model, Specific Building 34: Hospital No.2_2/Hospital No.2_2, Offset: 0.000m, Uncombined Segments

Horizontal Displacement

(along sub-building)



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 36: Hospital No.2_4/Hospital No.2_4_O/S: 0.000m, Uncomb. Segs., Seg. 5 (length 5.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

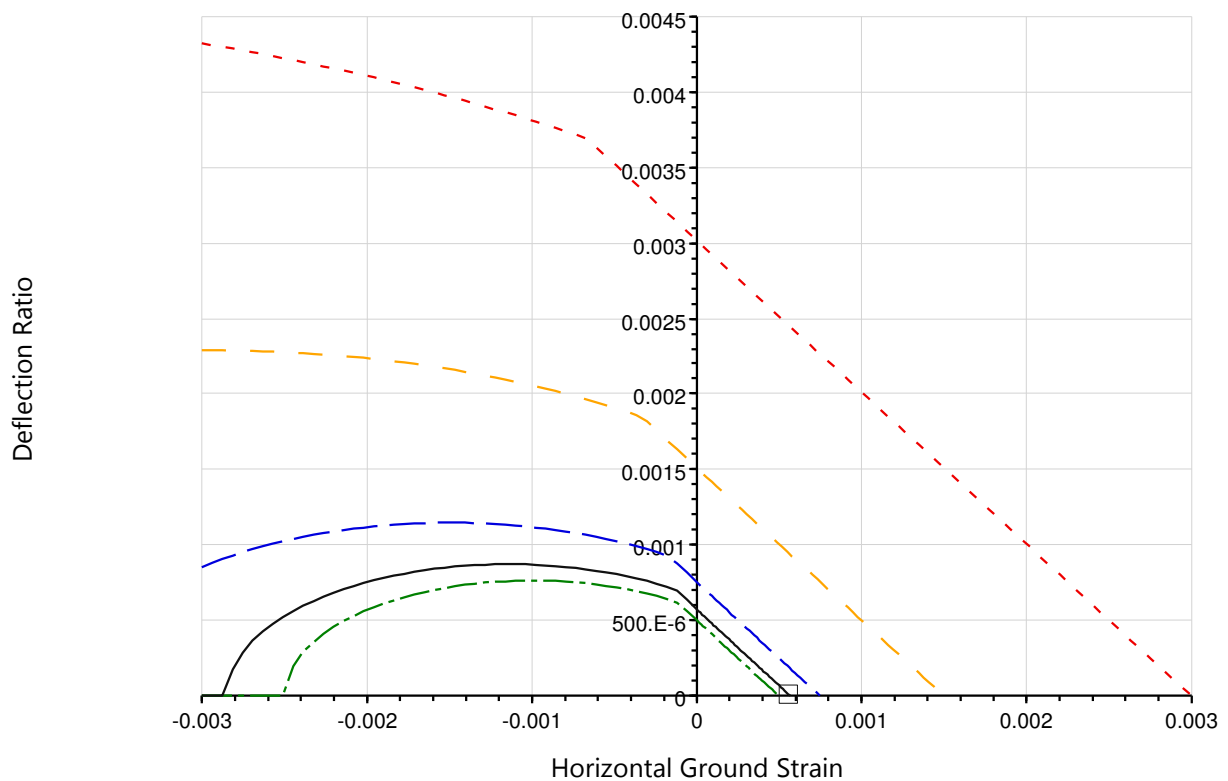
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

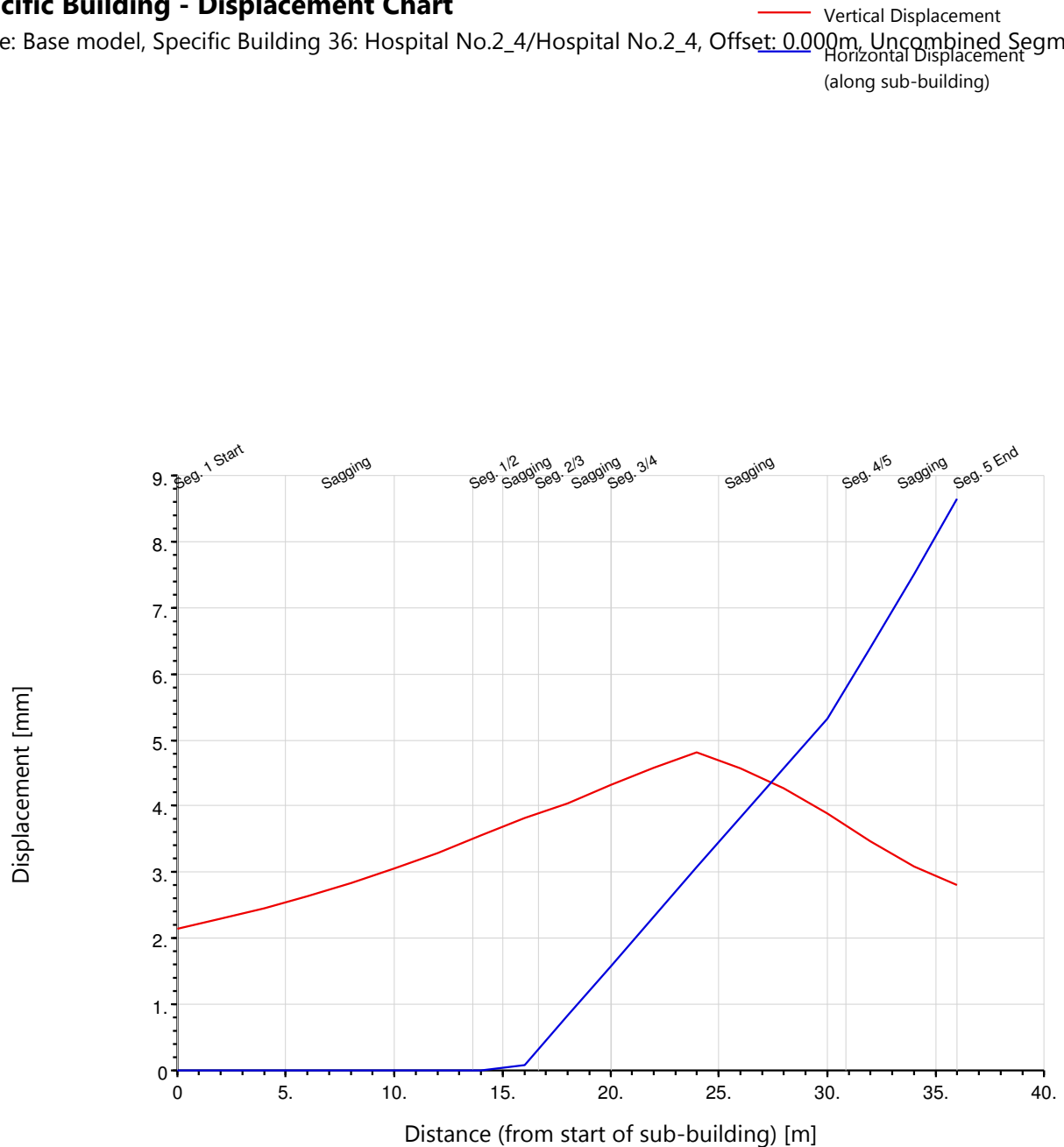
— Max Strains (-0.002852) (0.000570)

□ Result (0.000557, 0.000014 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 36: Hospital No.2_4/Hospital No.2_4, Offset: 0.000m, Uncombined Segments



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 38: Hospital No.3_2/Hospital No.3_2_O/S: 0.000m, Uncomb. Segs., Seg. 1 (length 5.0m)

--- Cat. 0 (Negligible) to 1 (Very Slight)

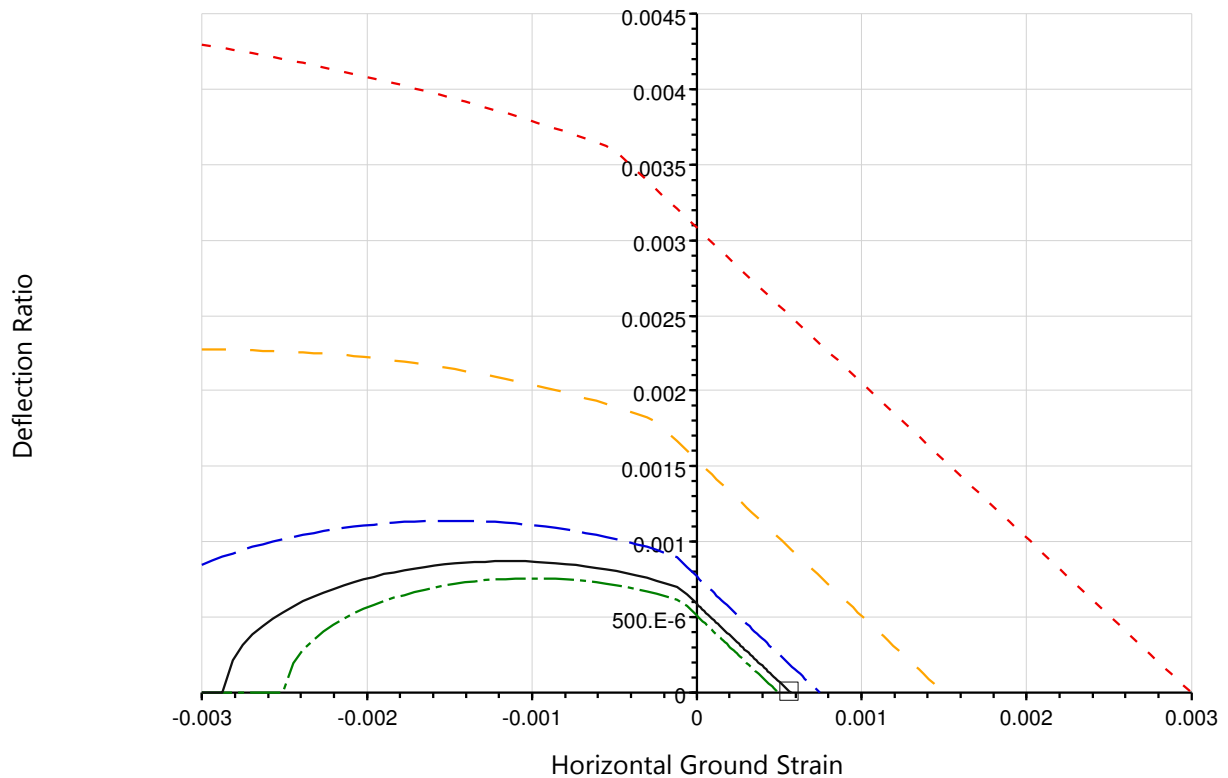
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

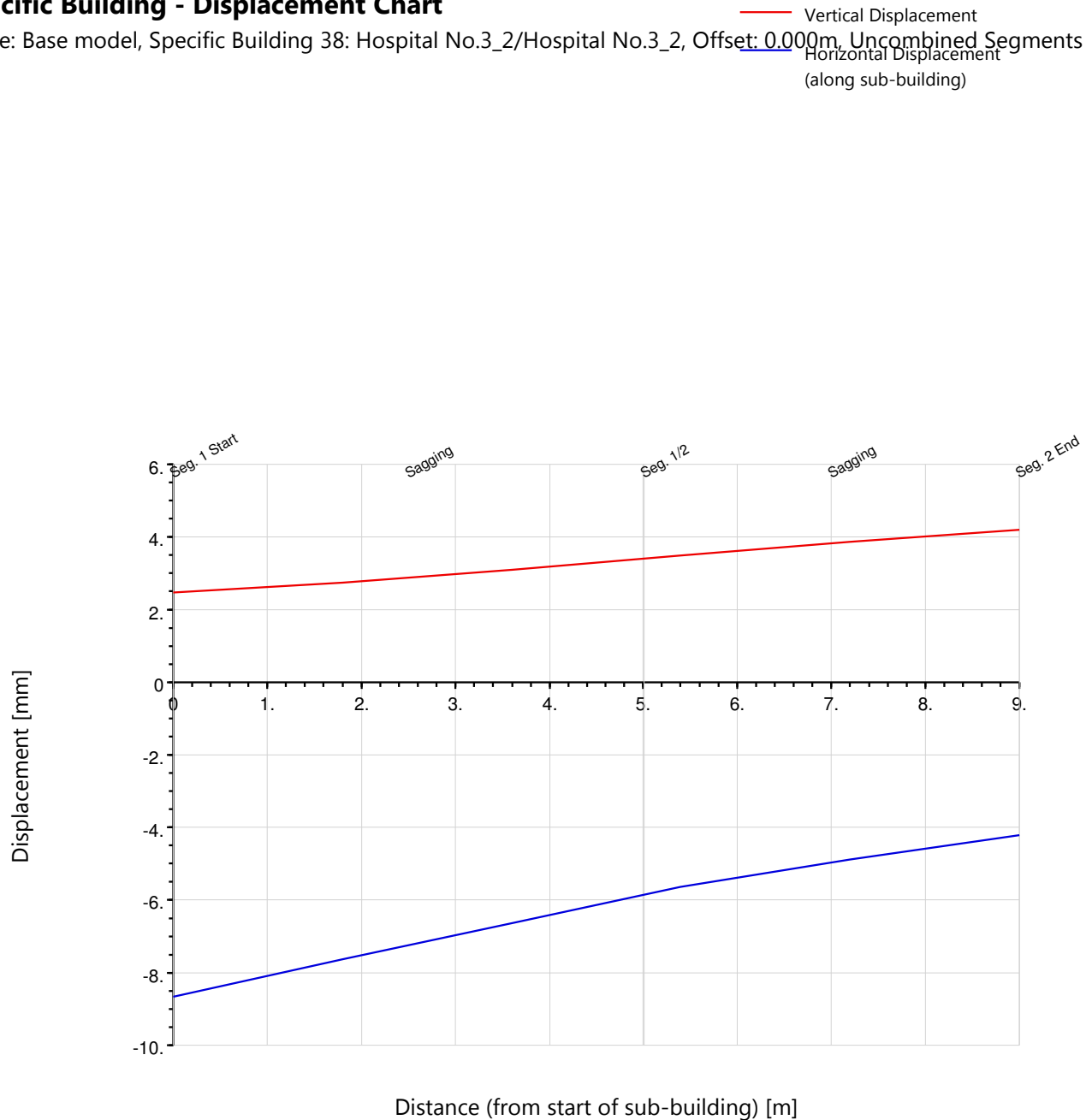
— Max Strains (-0.002872) (0.000574)

□ Result (0.000561, 0.000013 - Cat. 1)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 38: Hospital No.3_2/Hospital No.3_2, Offset: 0.000m, Uncombined Segments



Specific Building - Damage Interaction Chart

Stage: Base model, Specific Building 24: TP No.3_2/TP No.3_2, O/S: 0.000m, Uncomb. Segs. Seg. 1 (length 13.416m)
Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 0 (Negligible) to 1 (Very Slight)

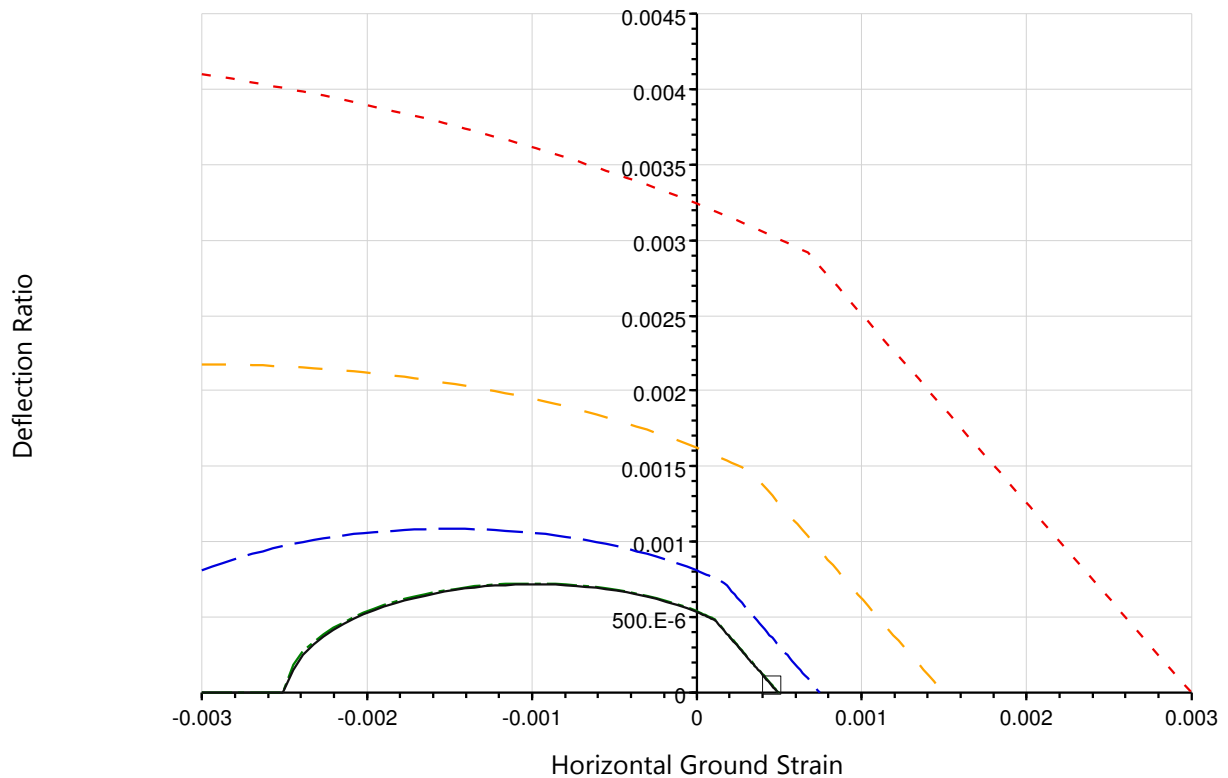
--- Cat. 1 (Very Slight) to 2 (Slight)

--- Cat. 2 (Slight) to 3 (Moderate)

--- Cat. 3 (Moderate) to 4 (Severe)

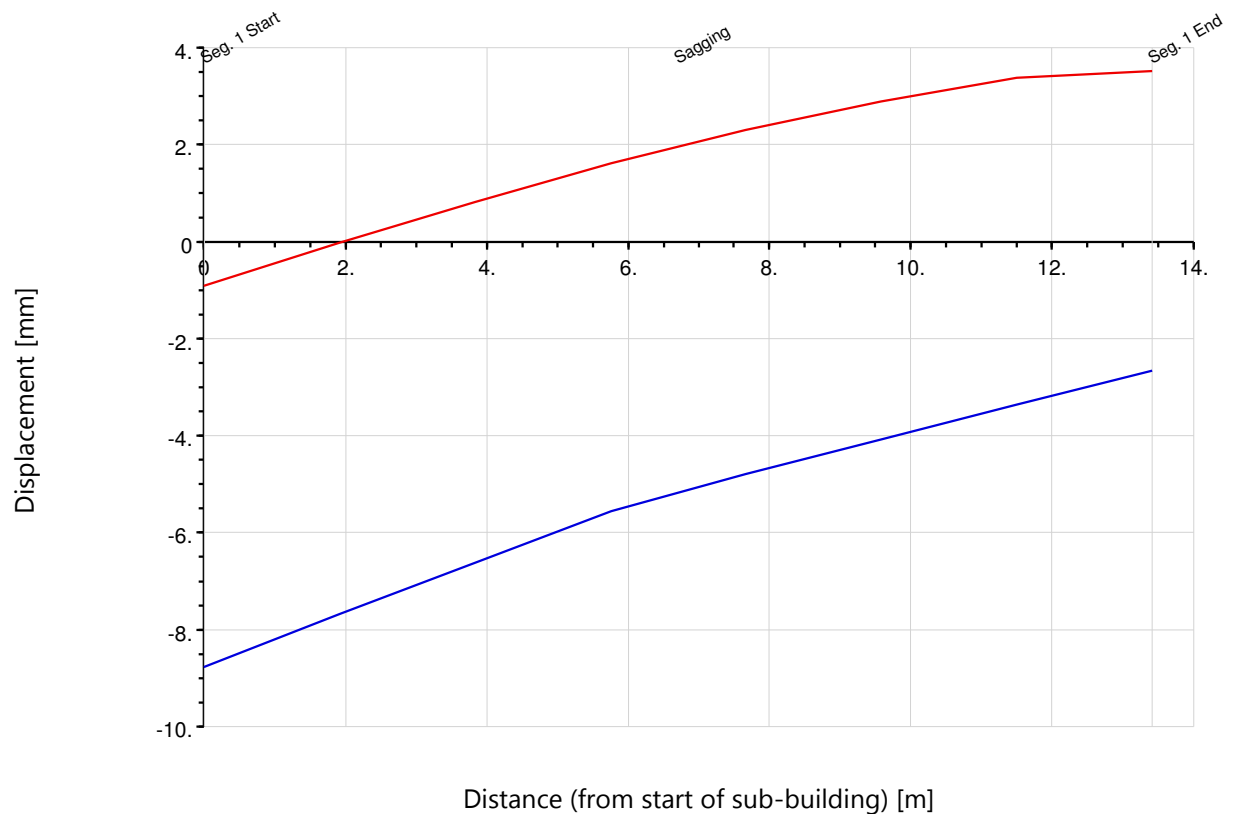
— Max Strains (-0.002482) (0.000496)

□ Result (0.000456, 0.000051 - Cat. 0)



Specific Building - Displacement Chart

Stage: Base model, Specific Building 24: TP No.3_2/TP No.3_2, Offset: 0.000m, Uncombined Segments
 Horizontal Displacement (along sub-building)



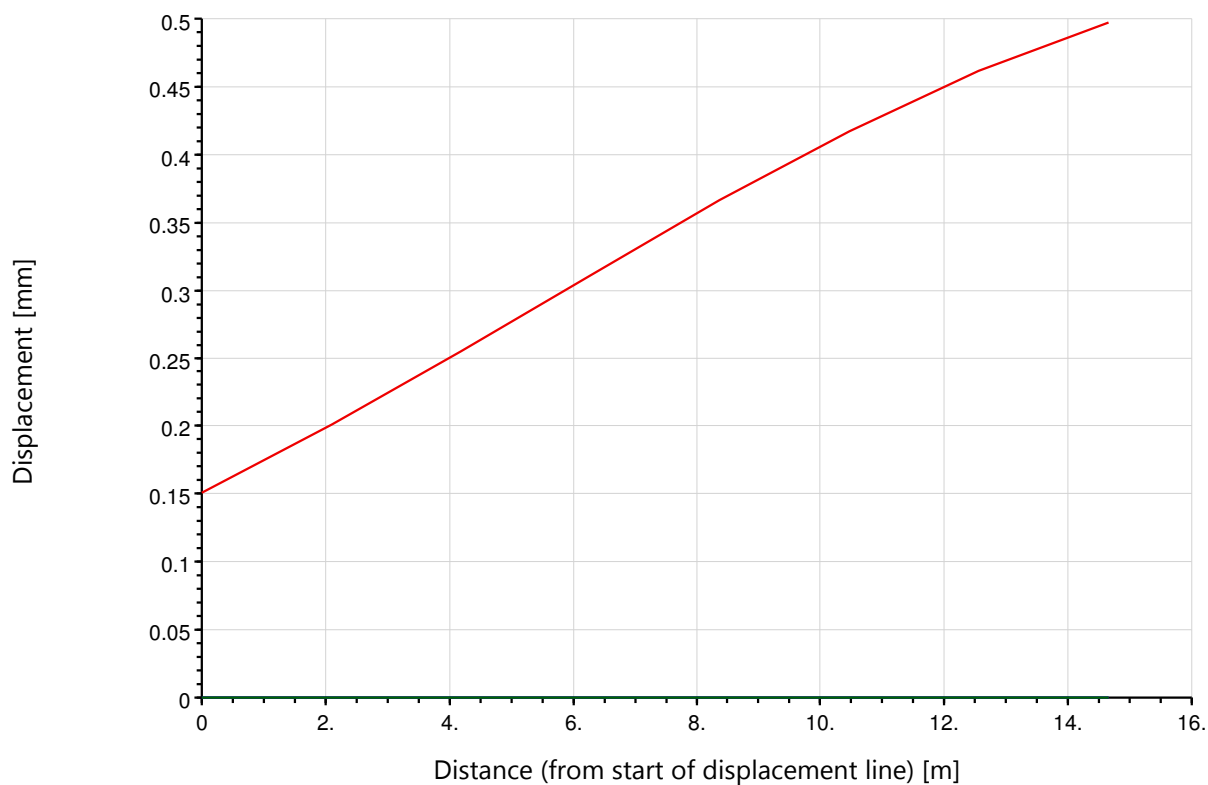
APPENDIX C-3

XDISP OUTPUTS – ASSET GROUND MOVEMENT GRAPHS

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

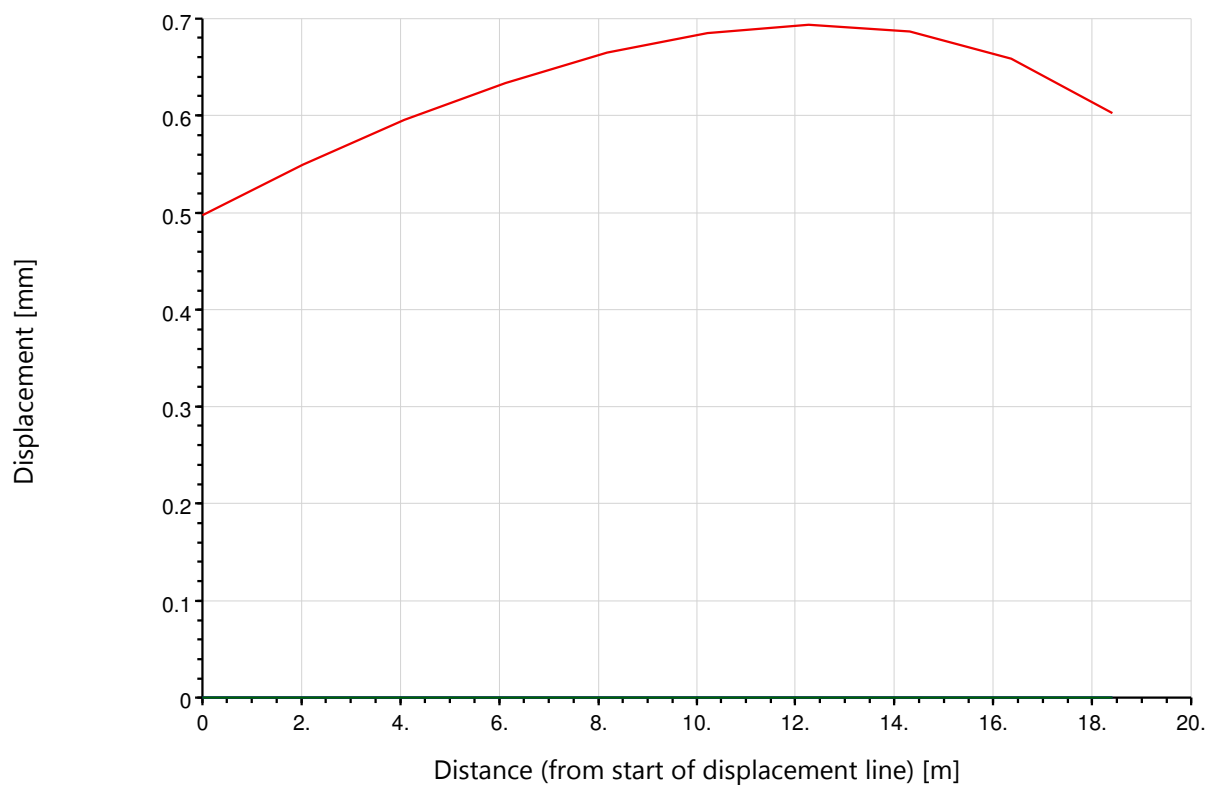
— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

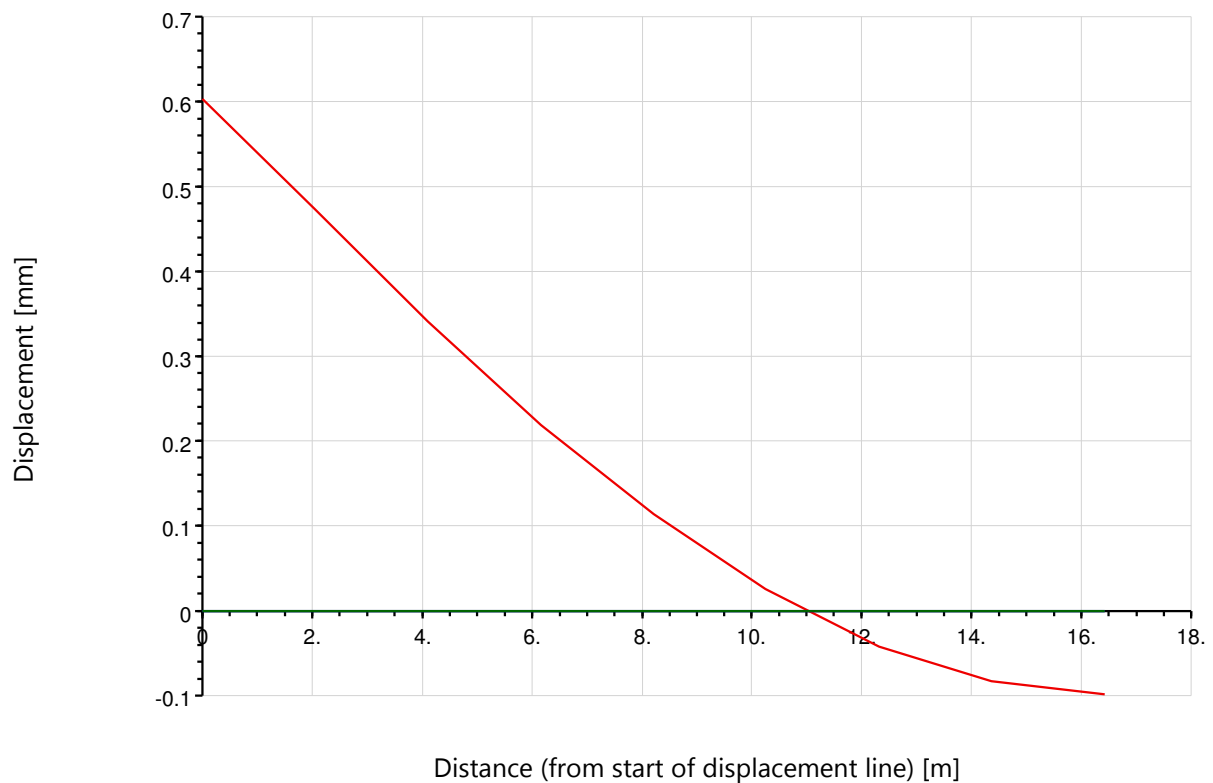
— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

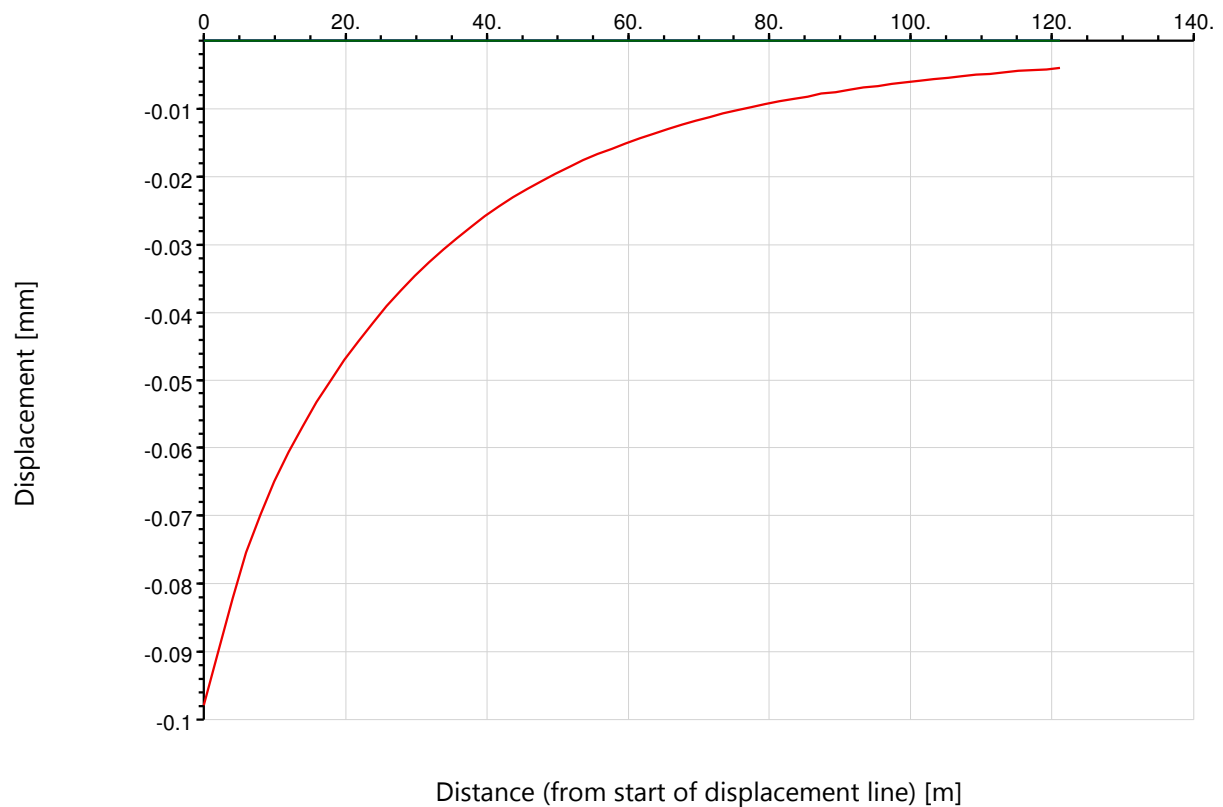
— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

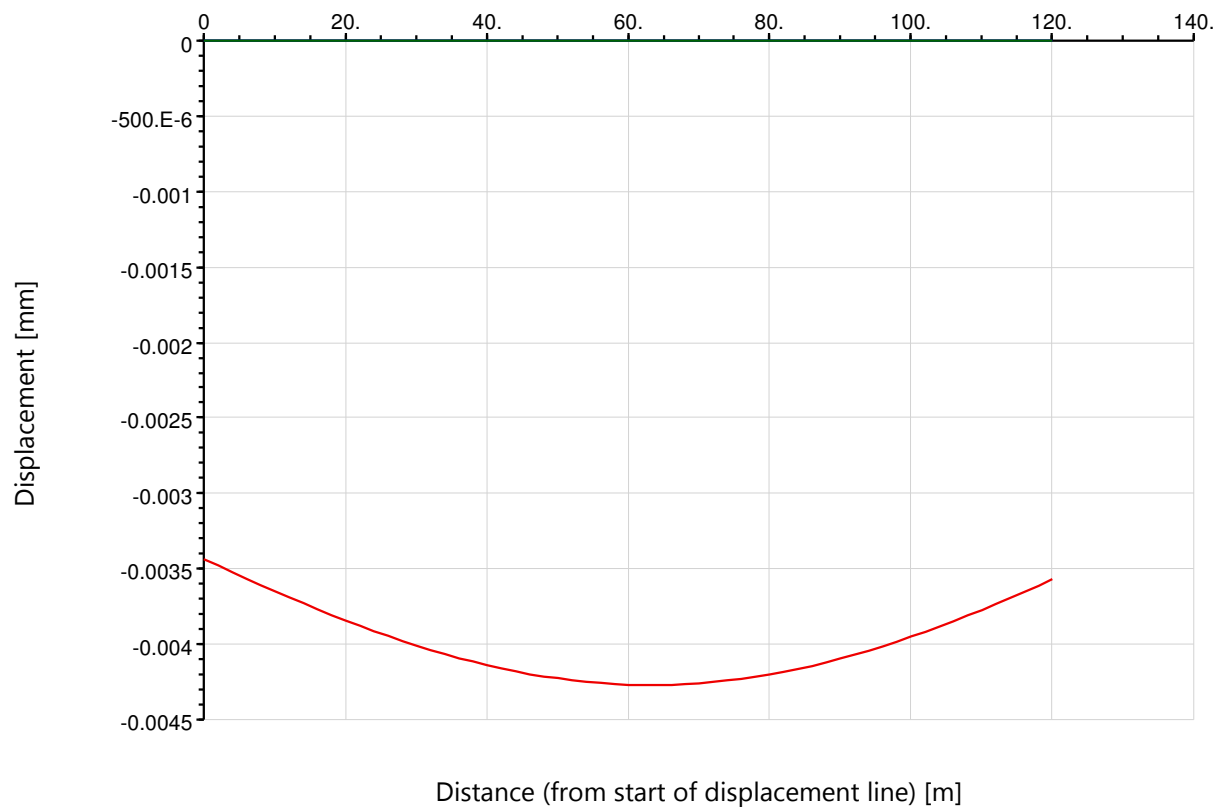
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

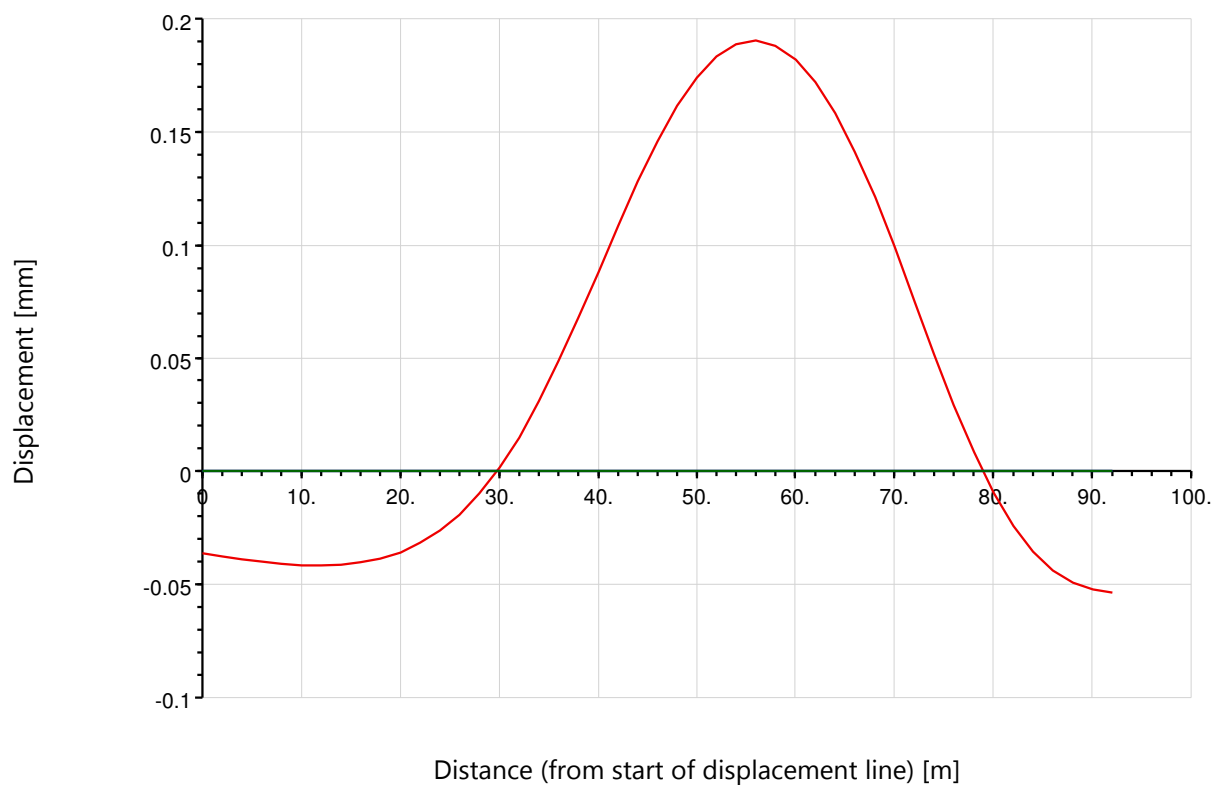
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

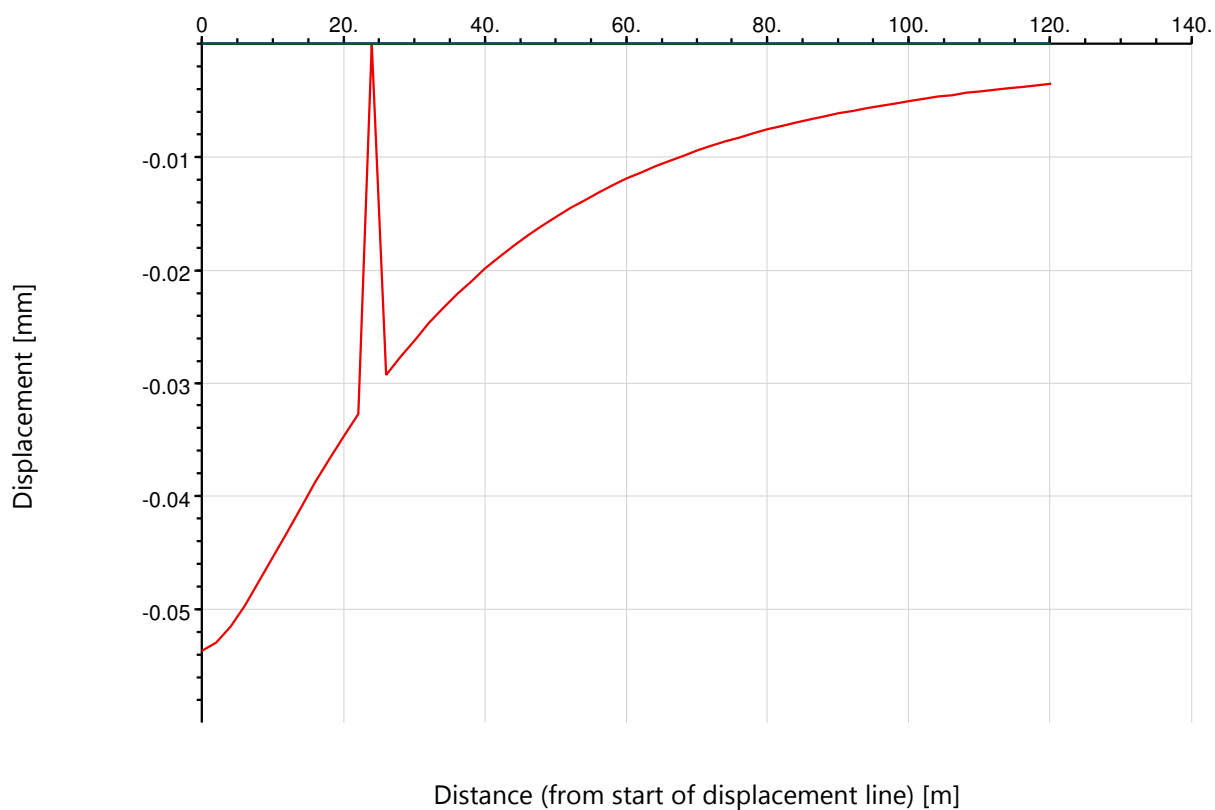
— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

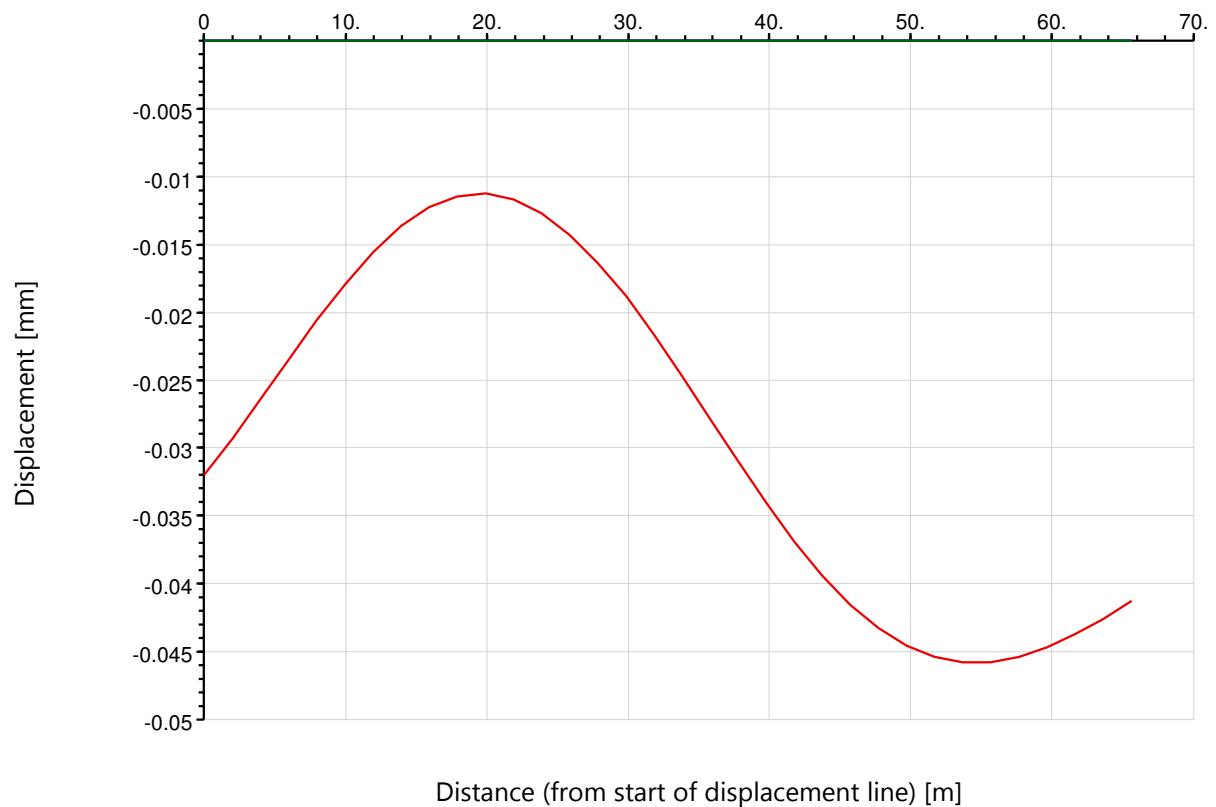
— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

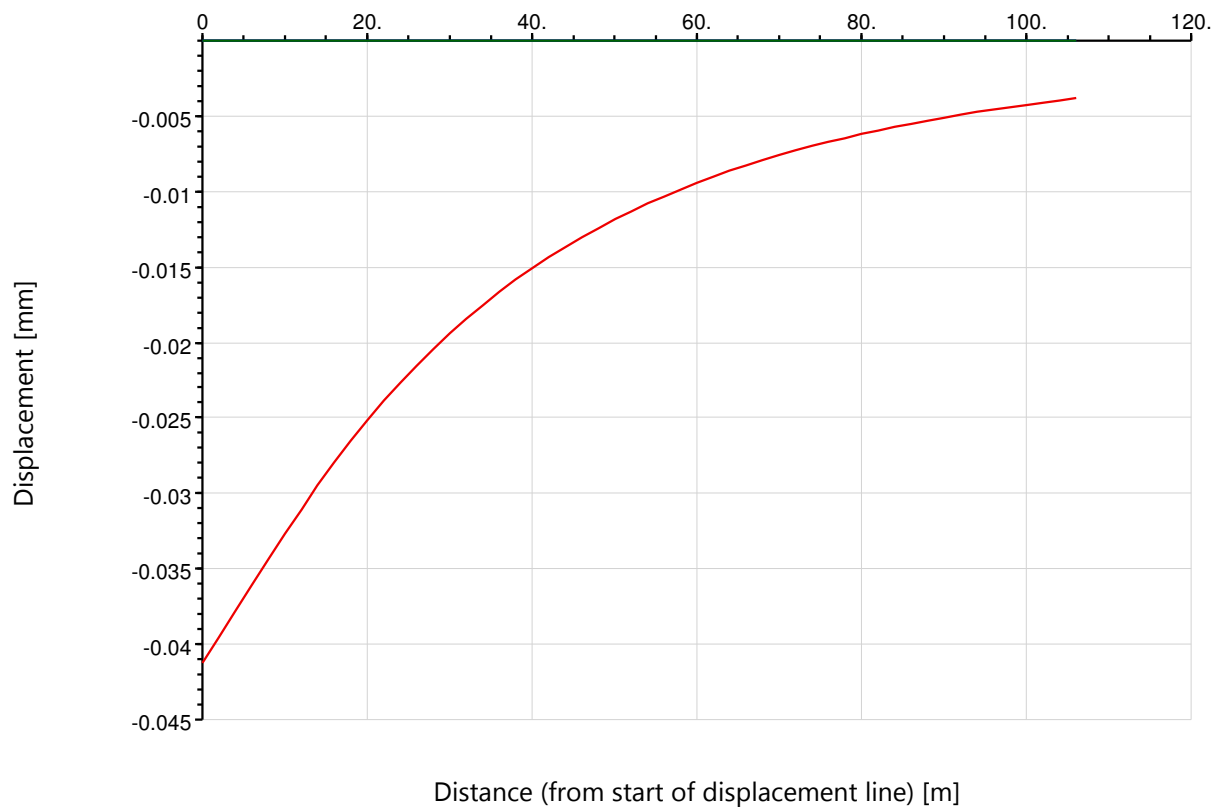
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

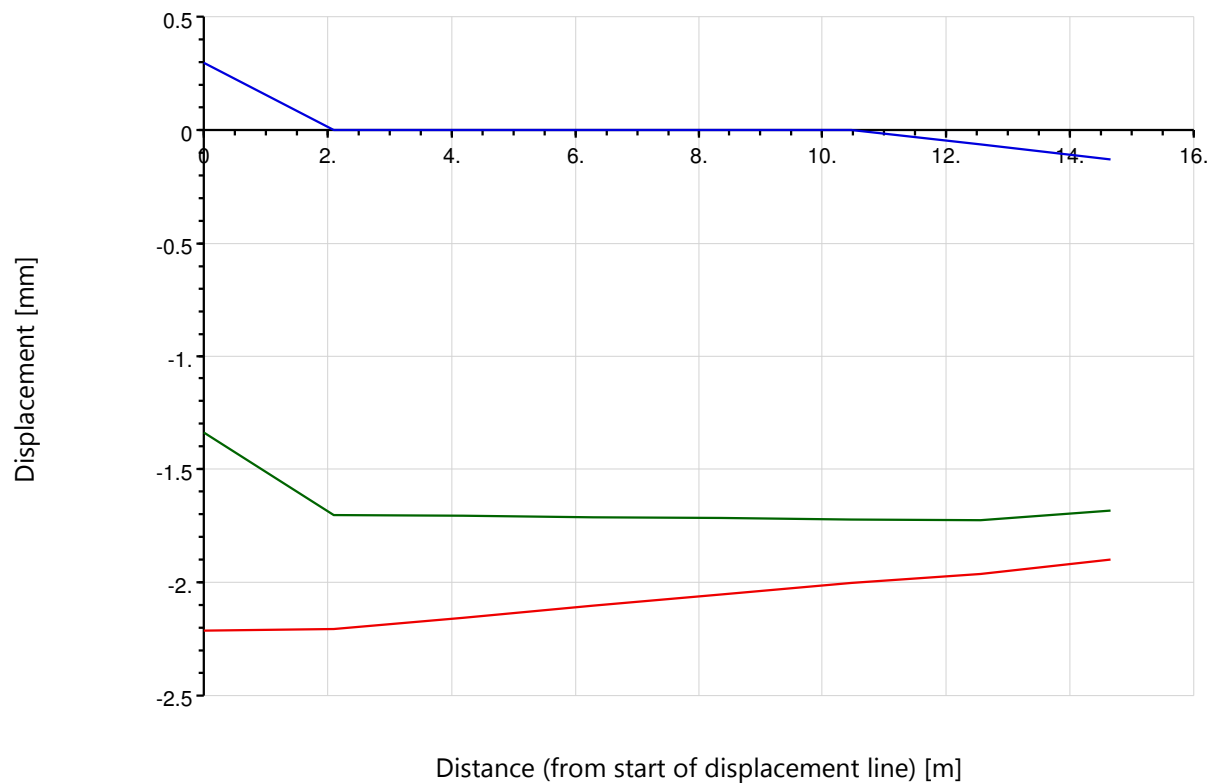
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

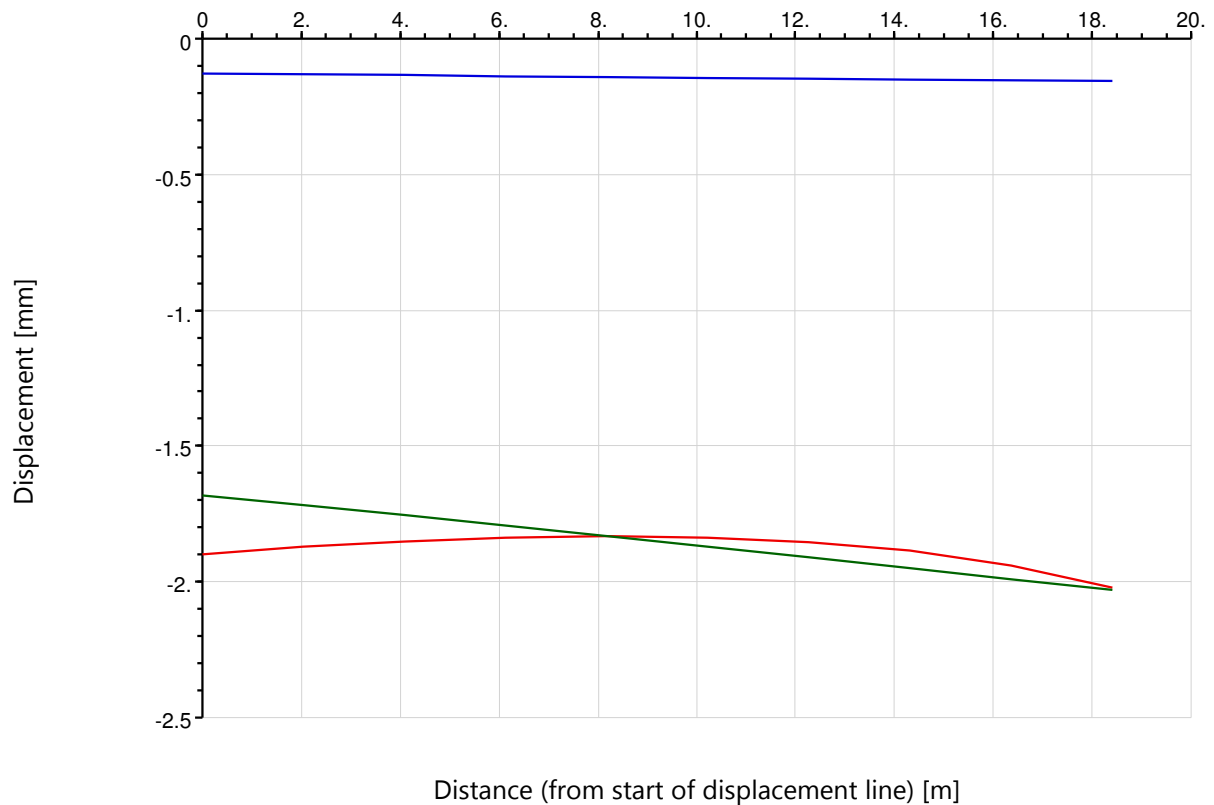
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

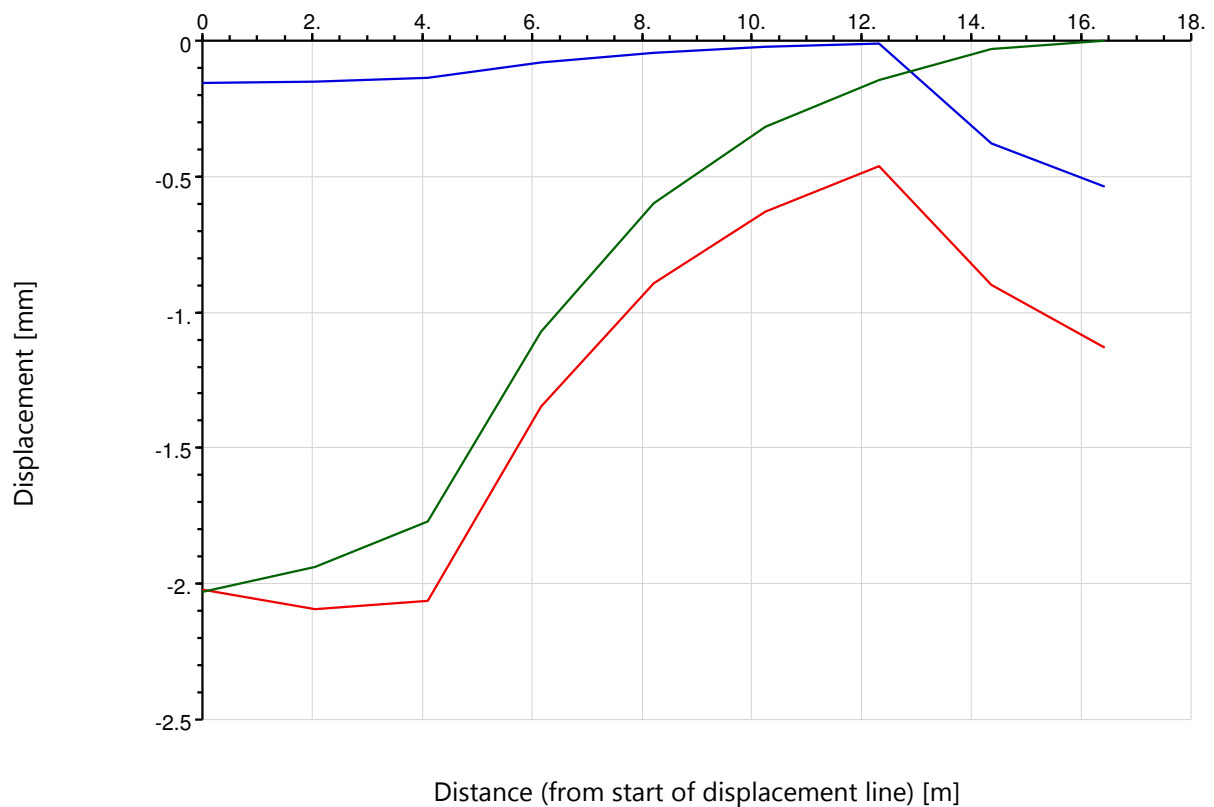
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

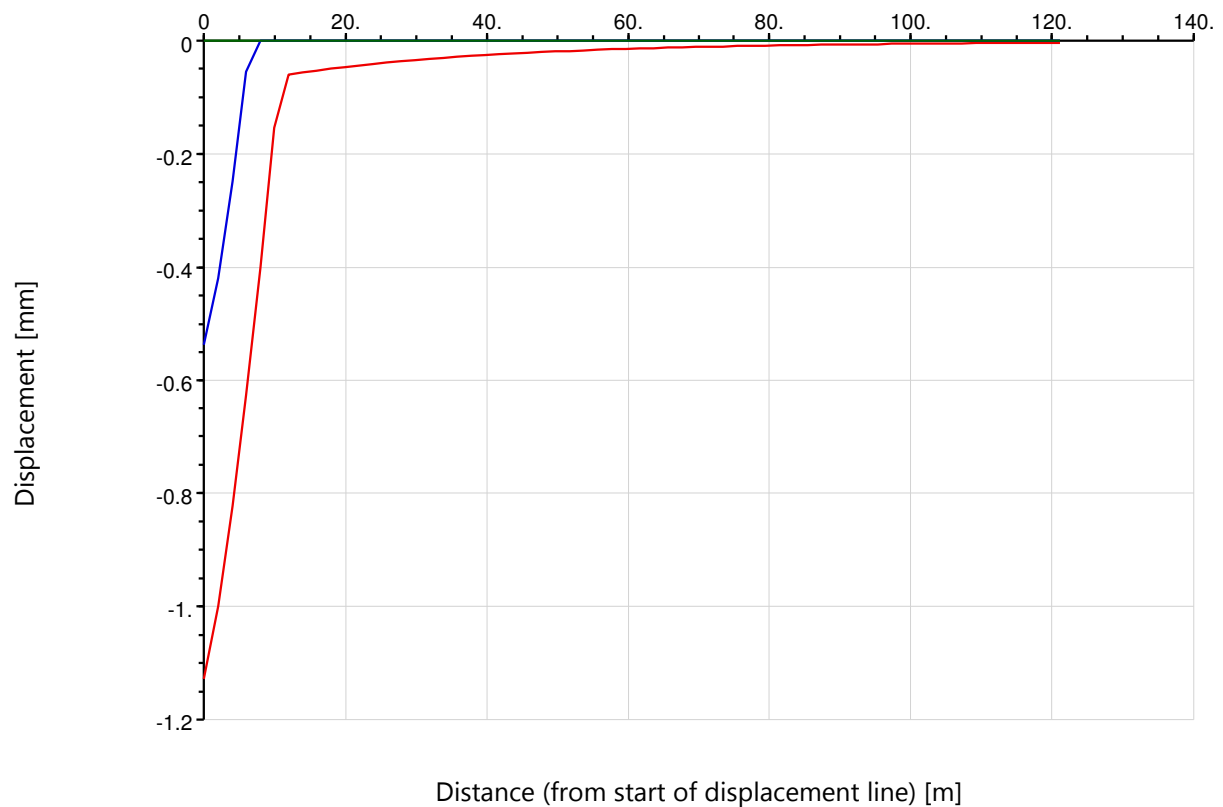
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

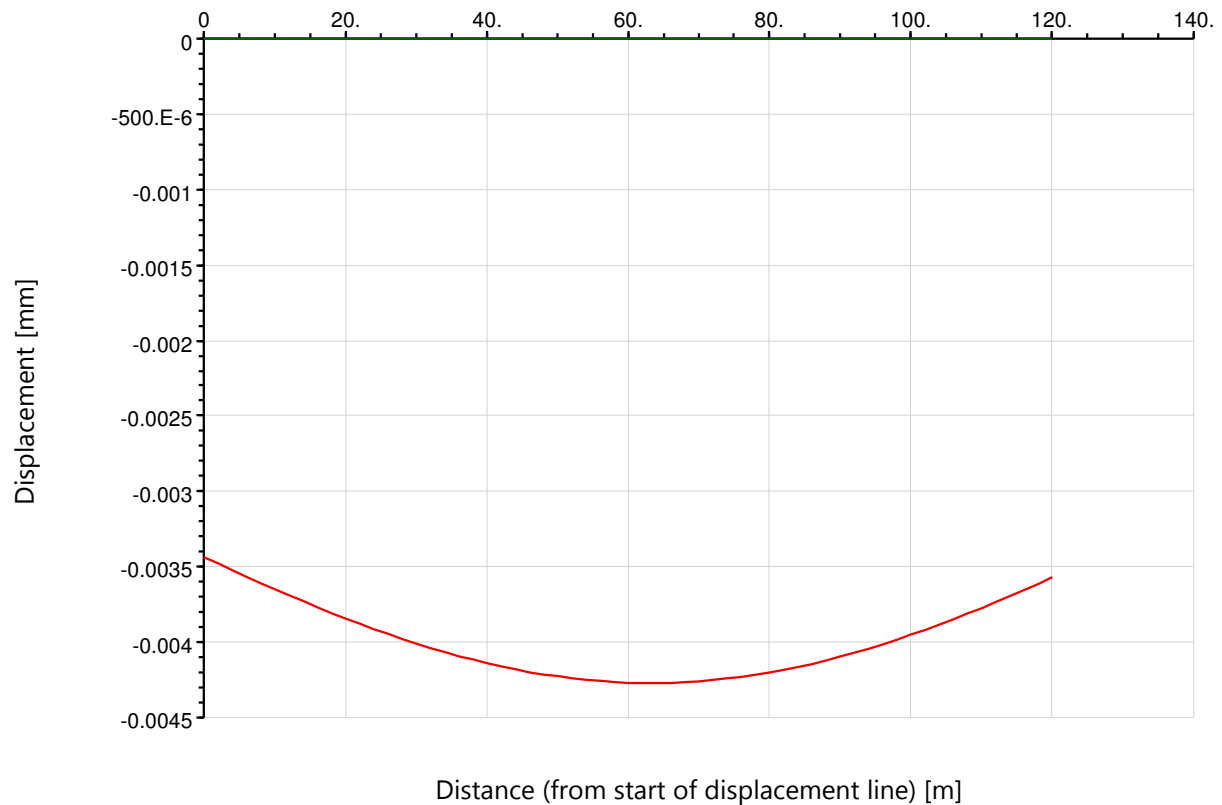
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

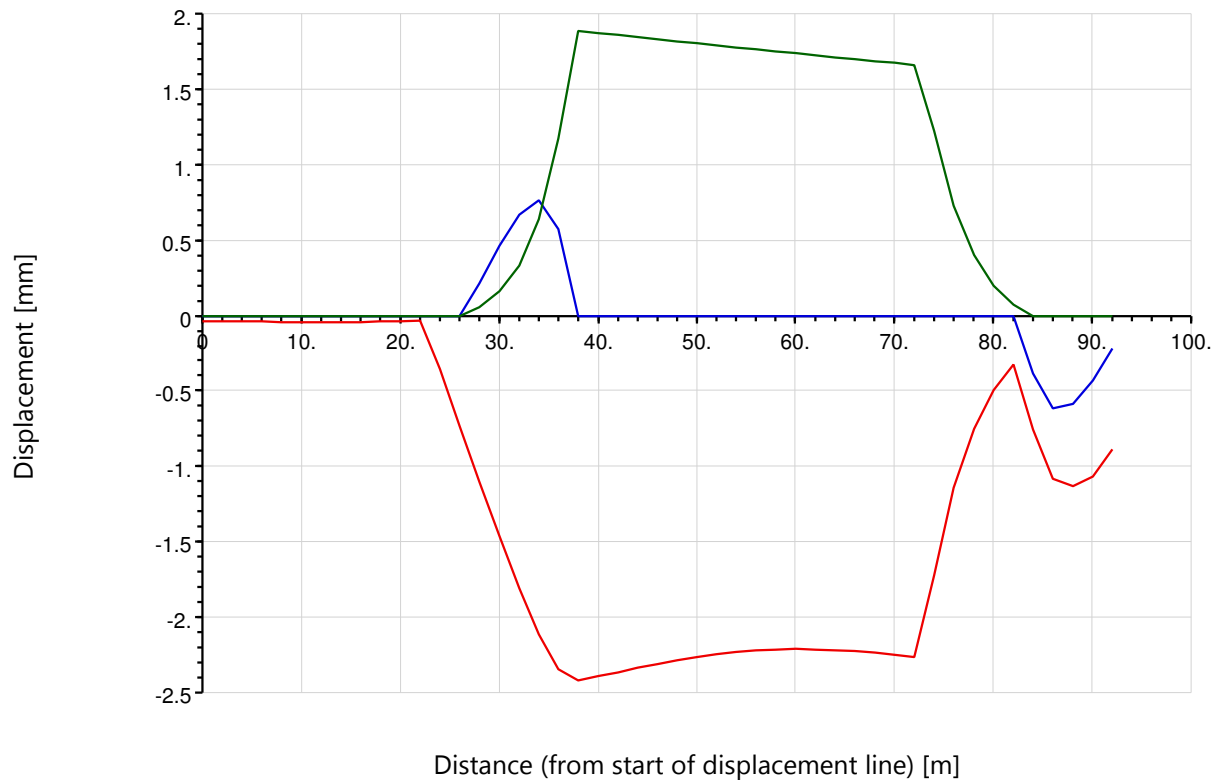
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

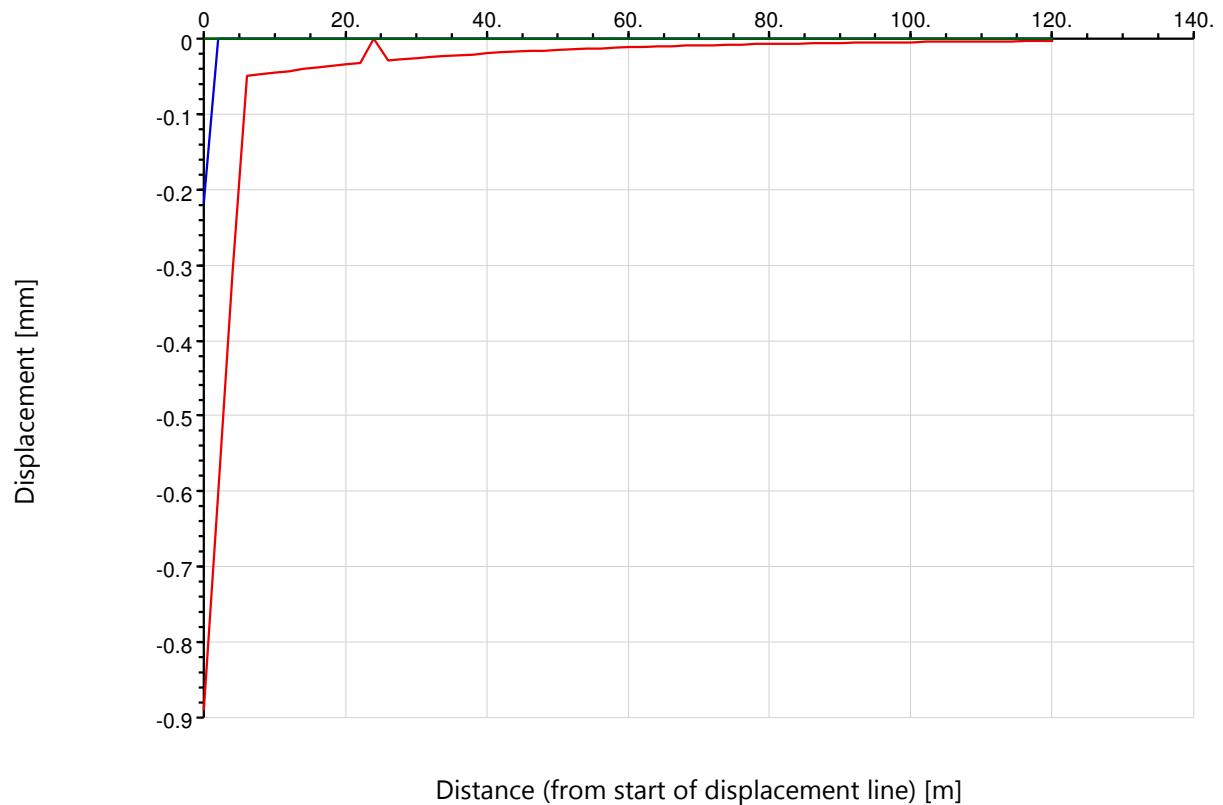
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

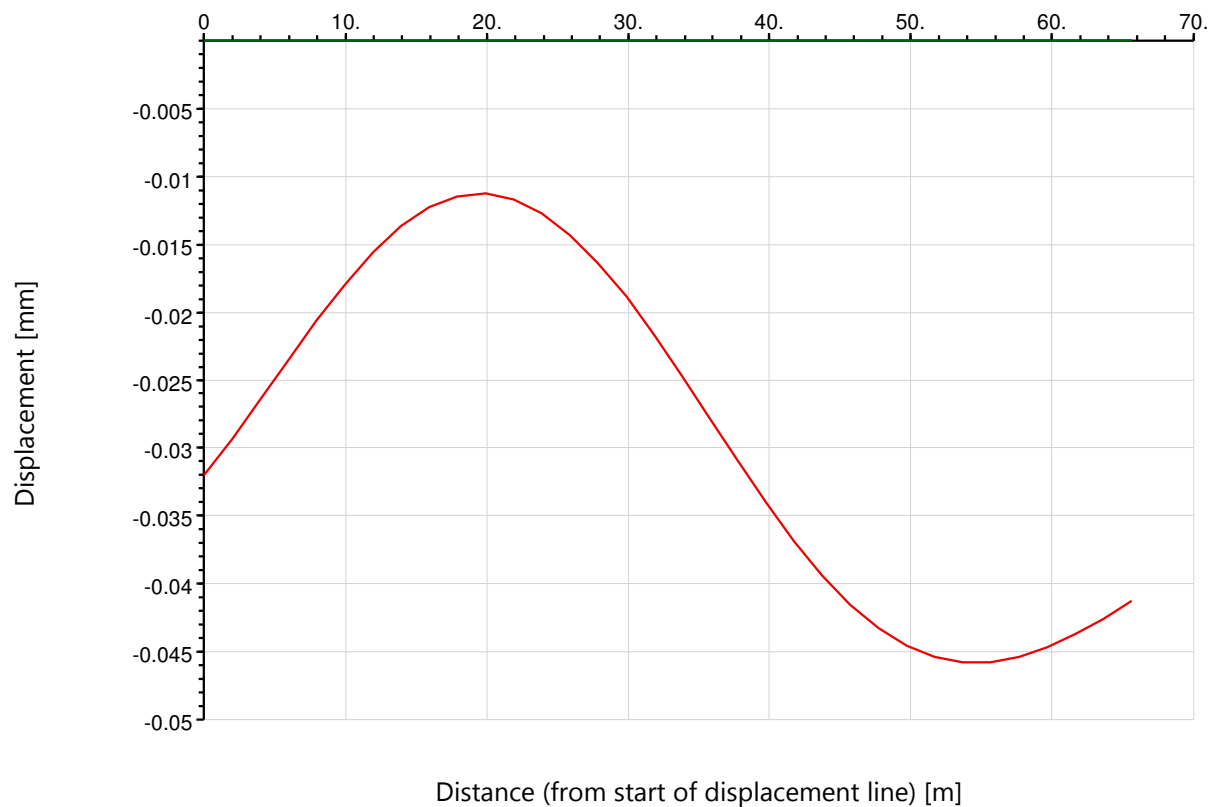
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

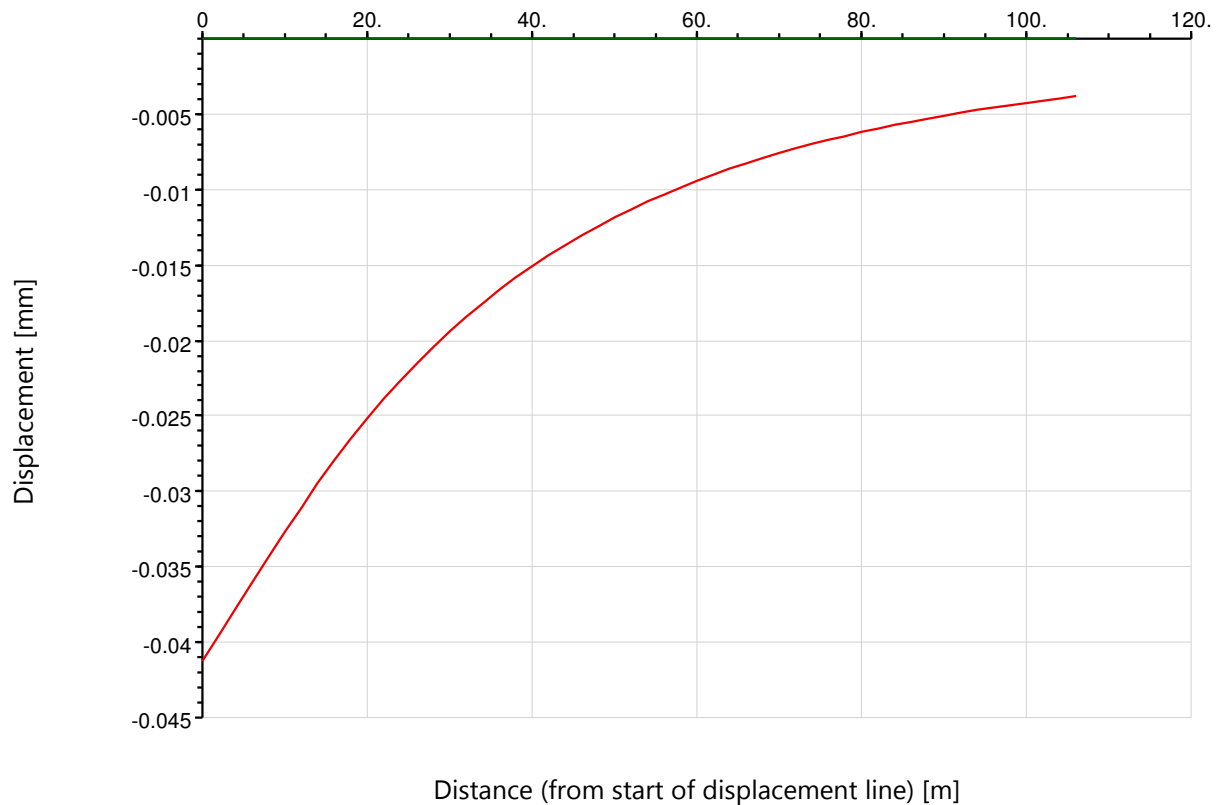
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y

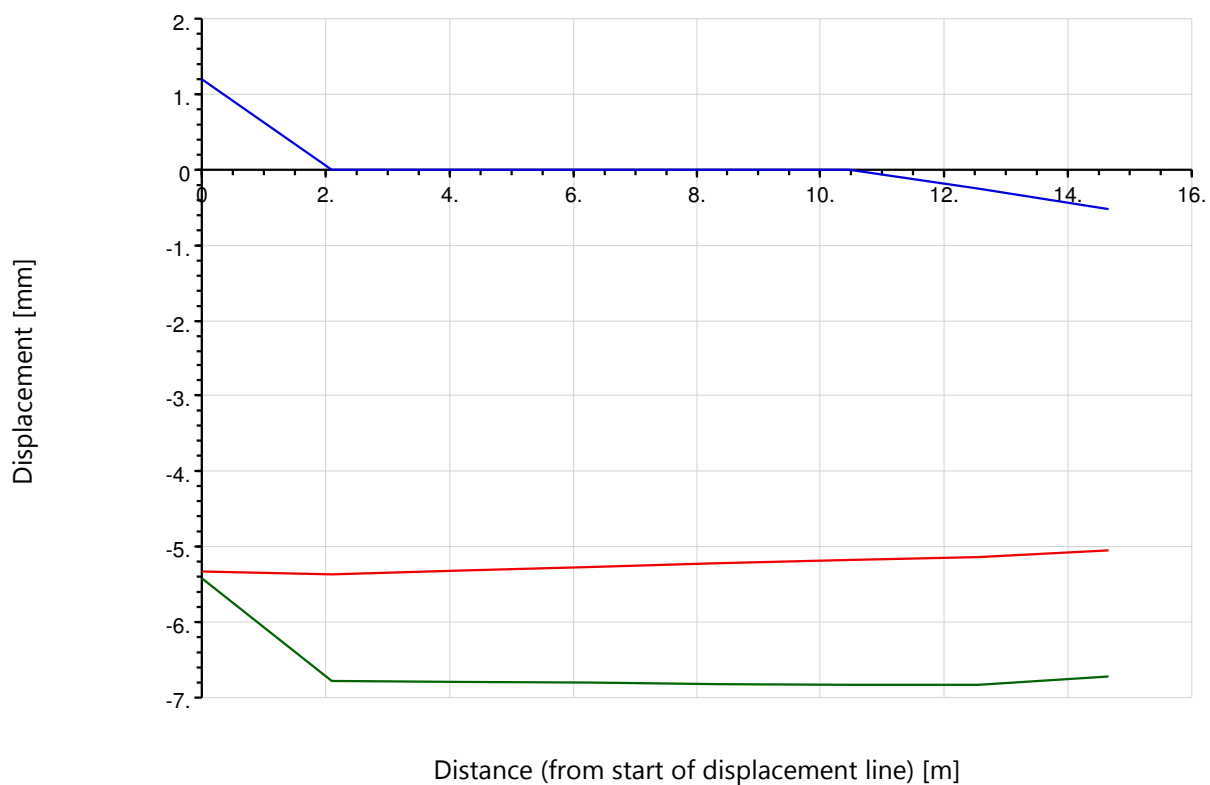


Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

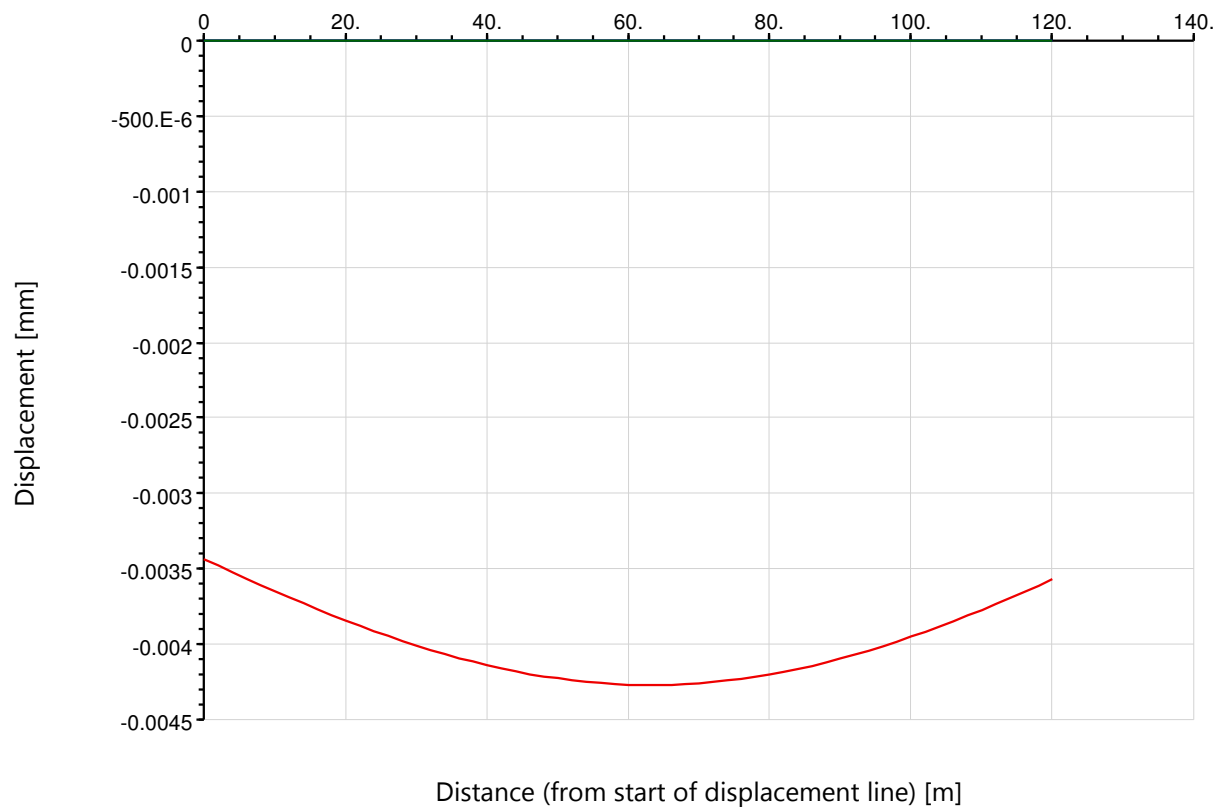
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

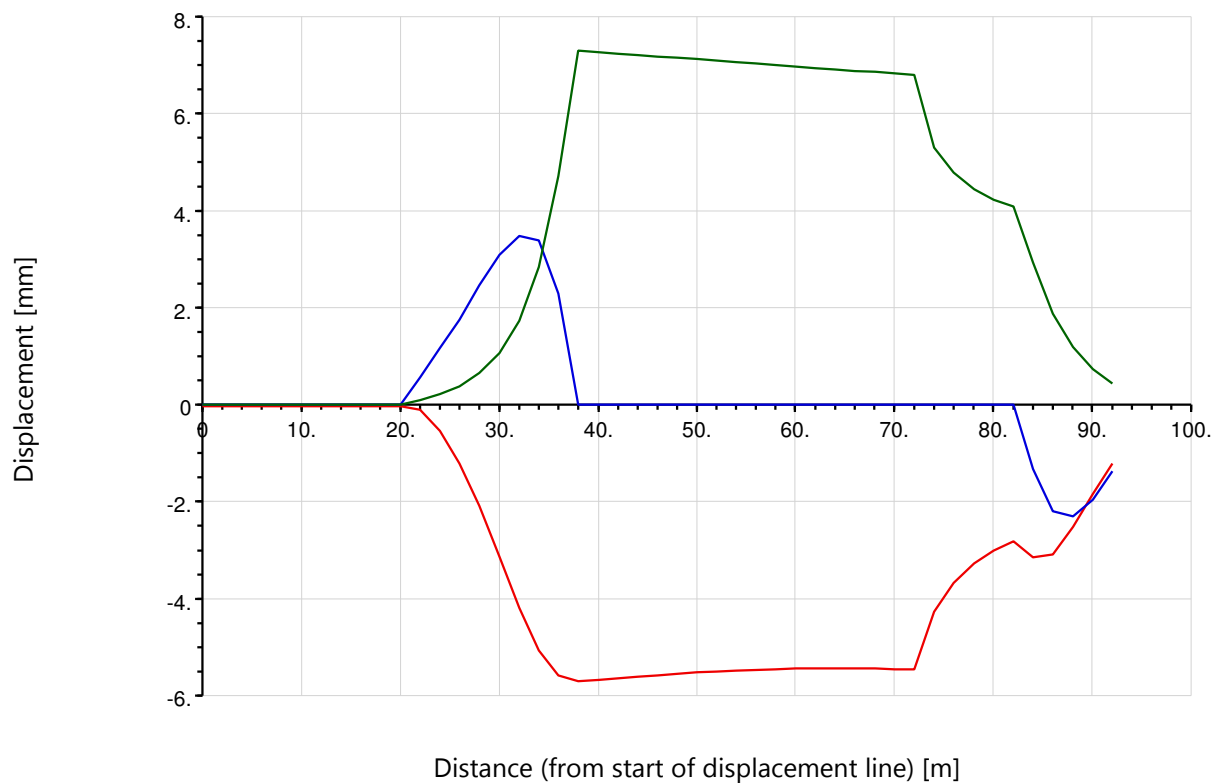
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y

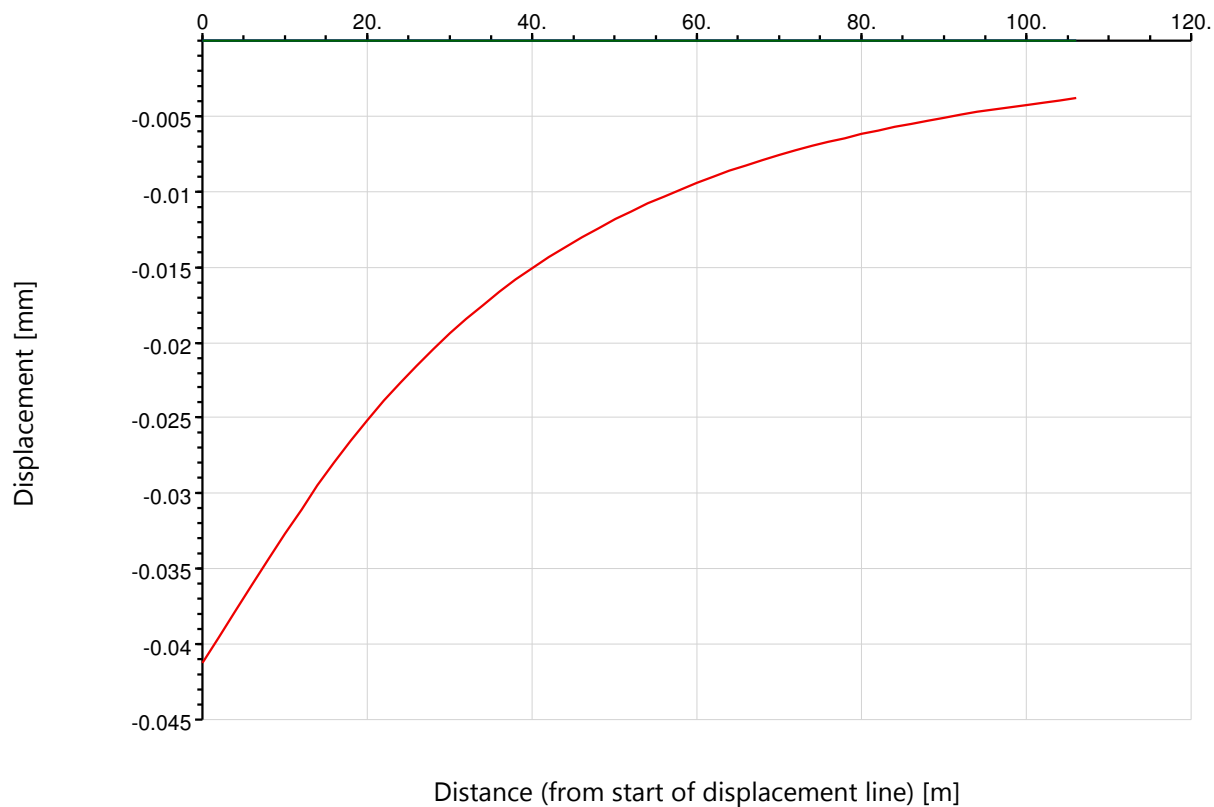


Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 30-Jul-2020	Checked

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

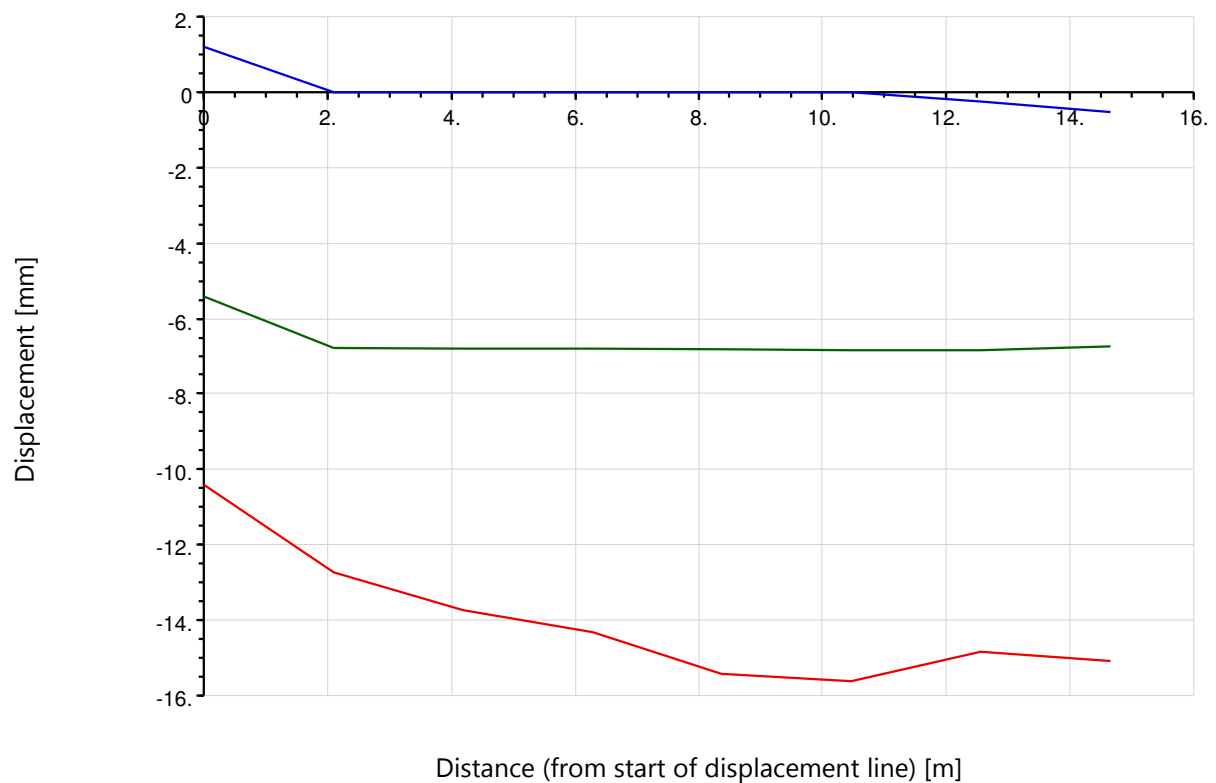
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

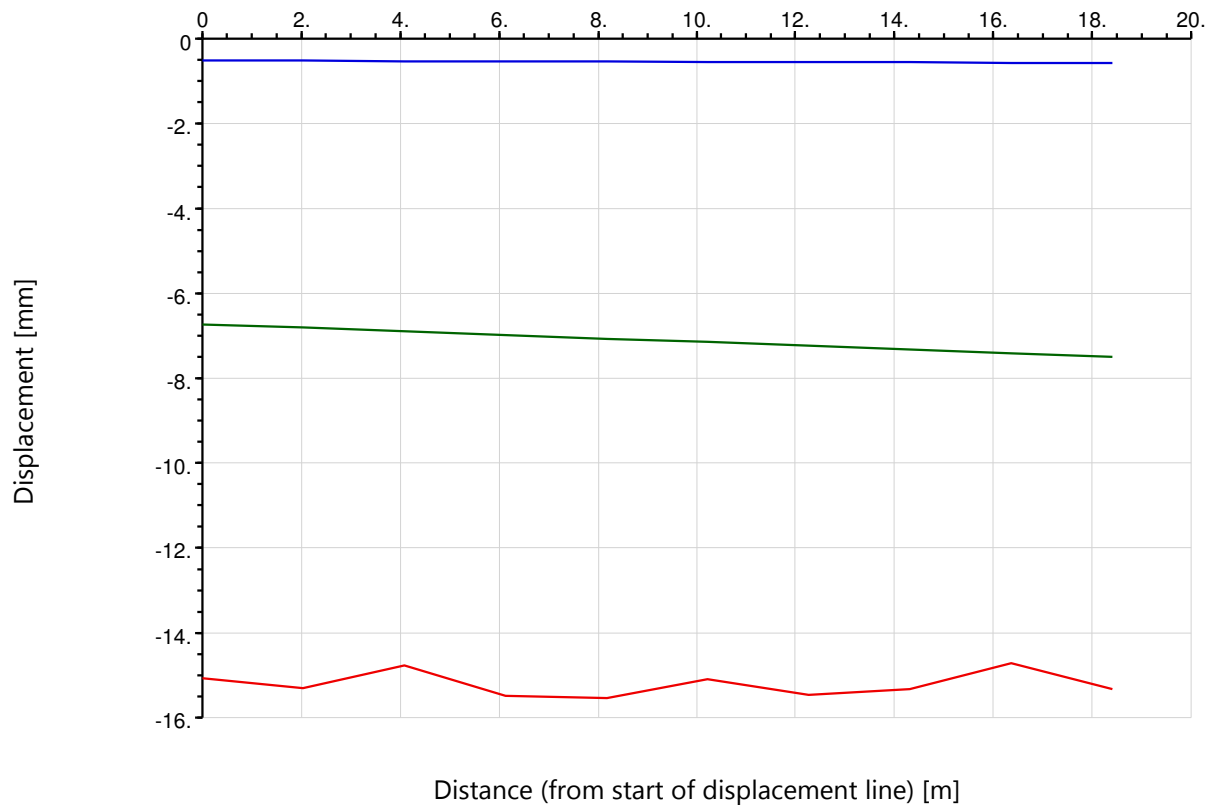
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

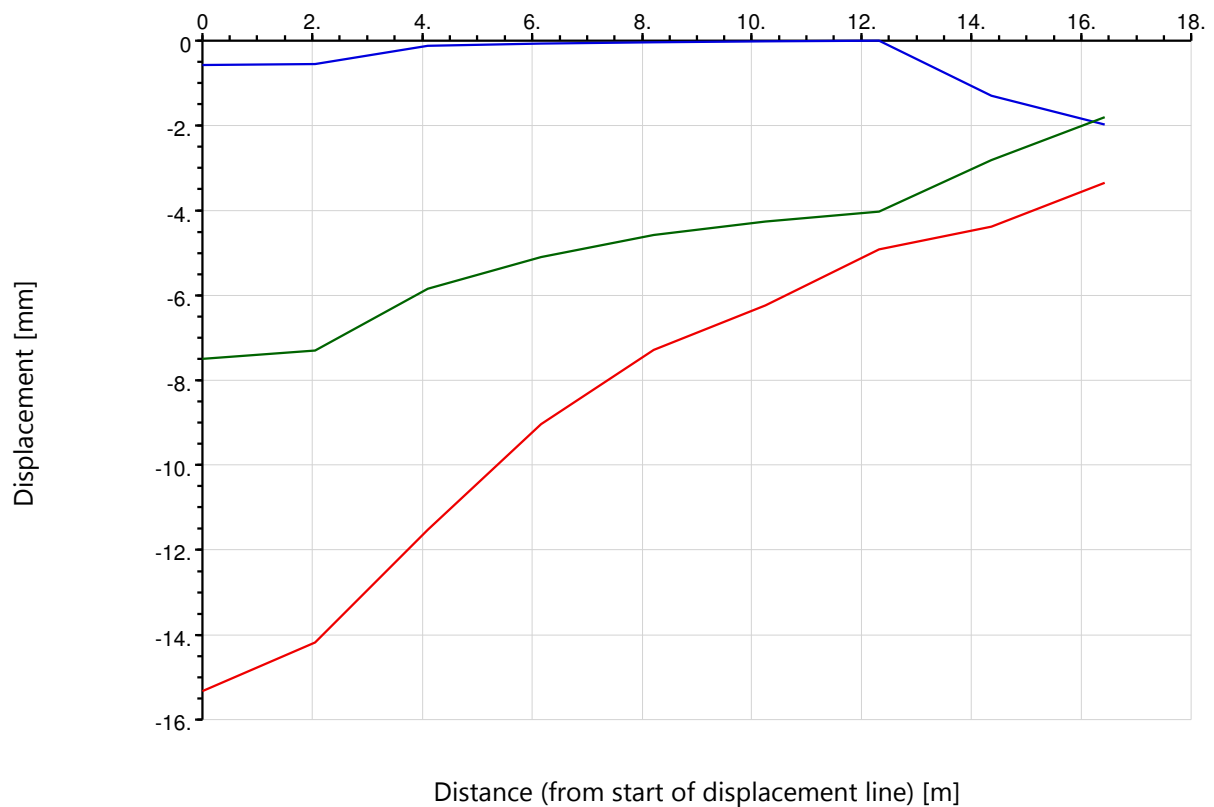
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

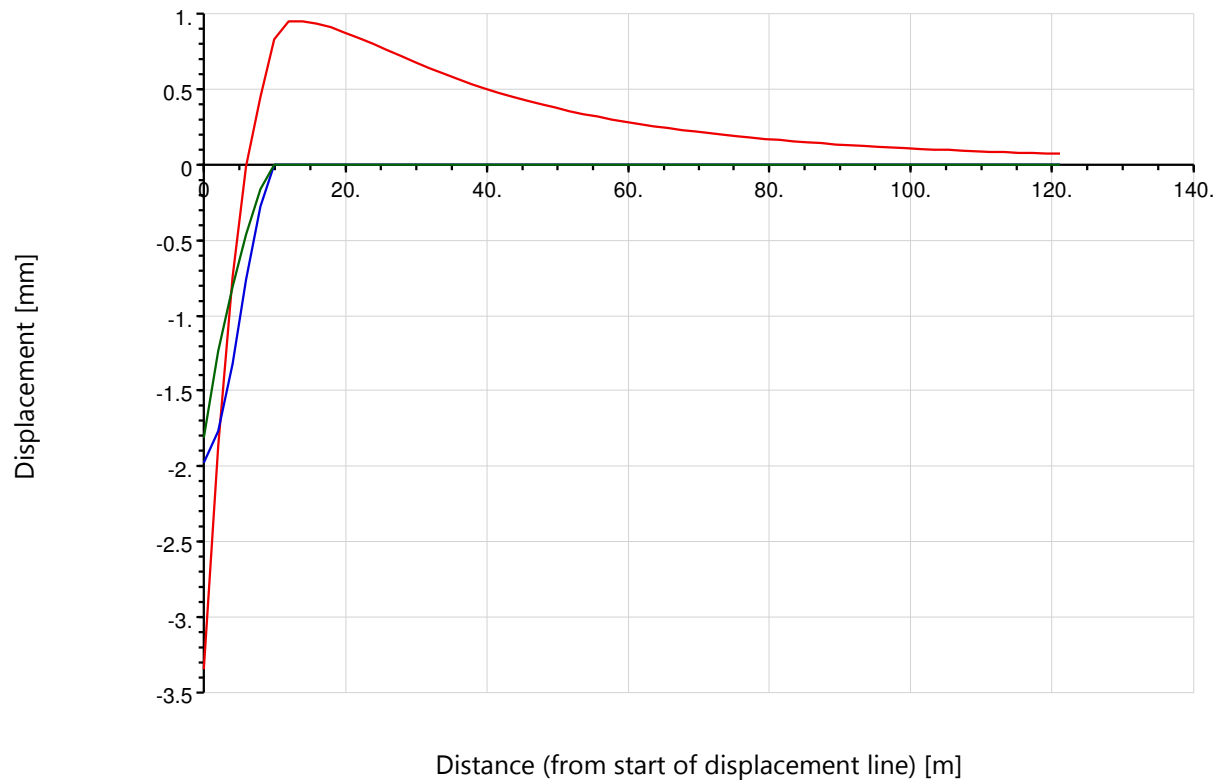
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

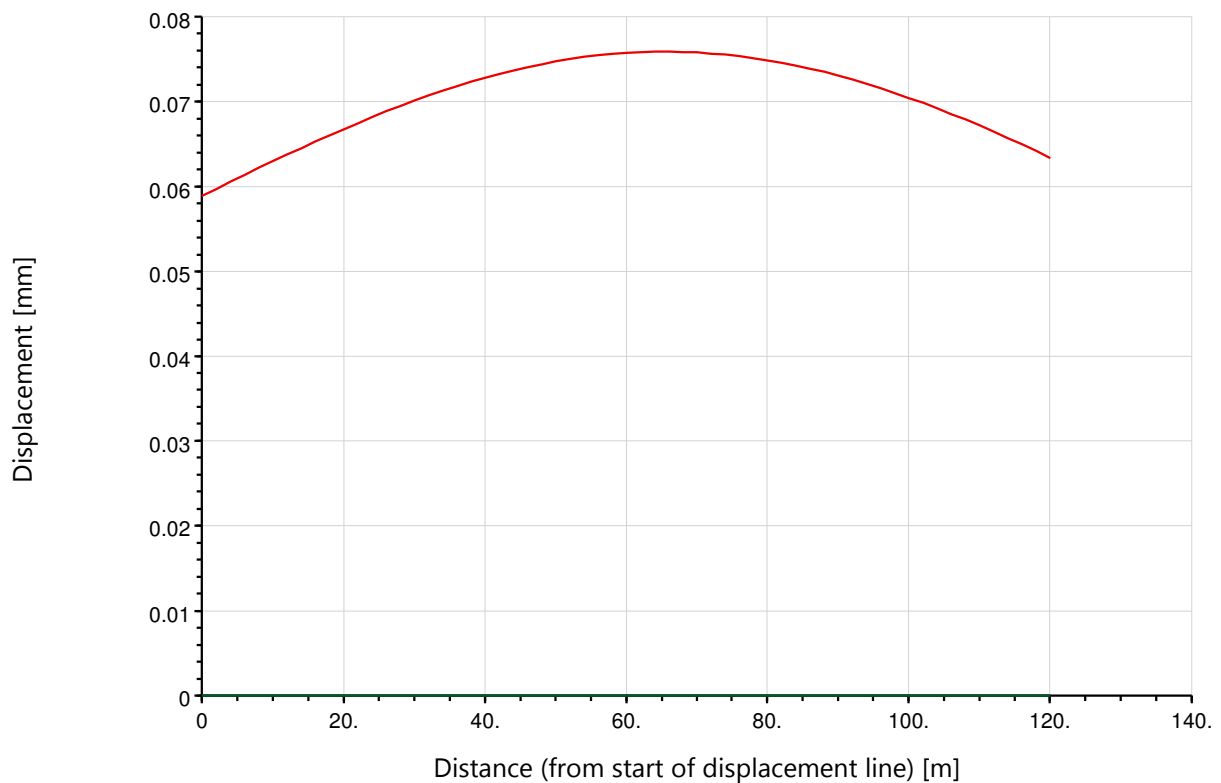
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

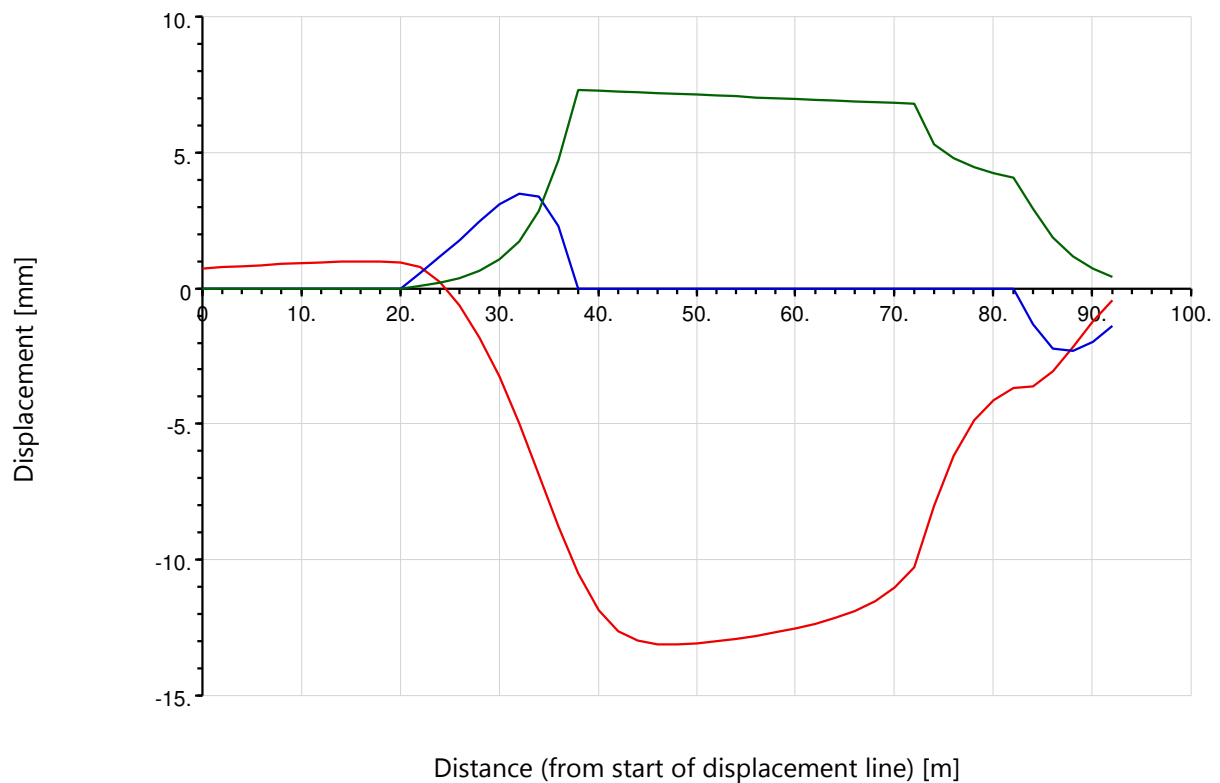
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

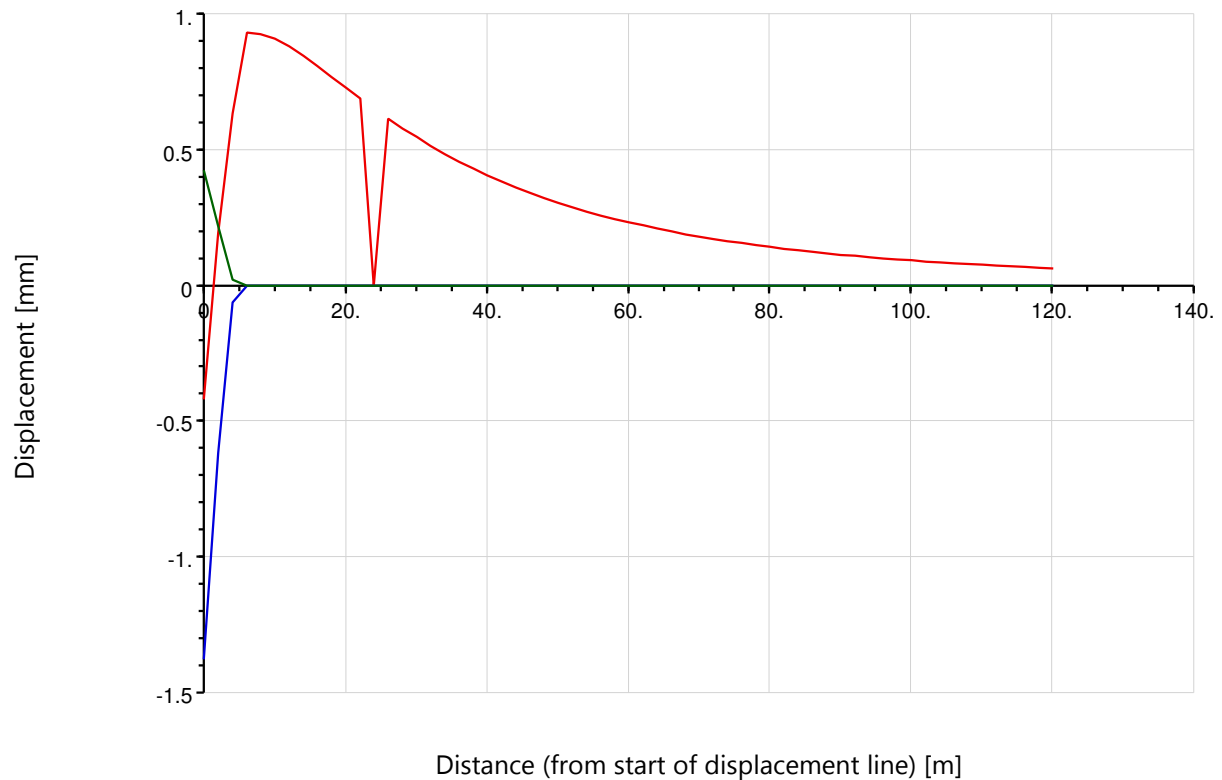
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

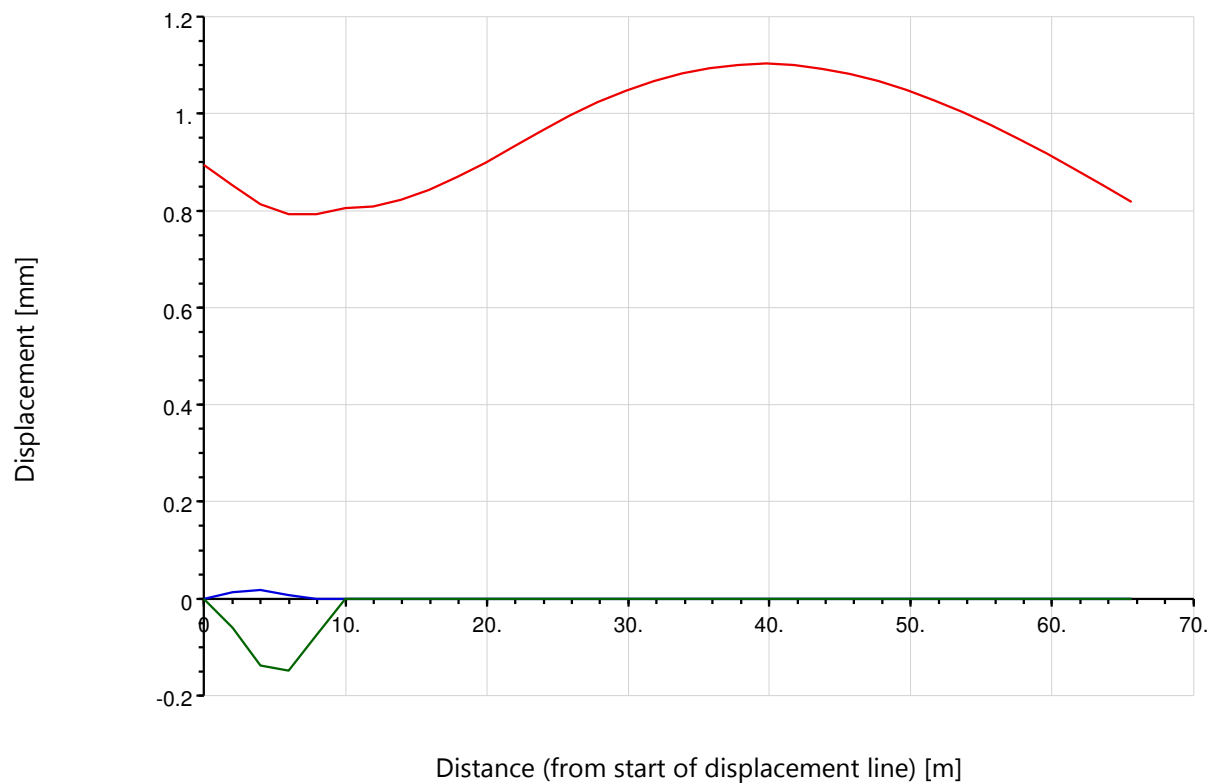
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

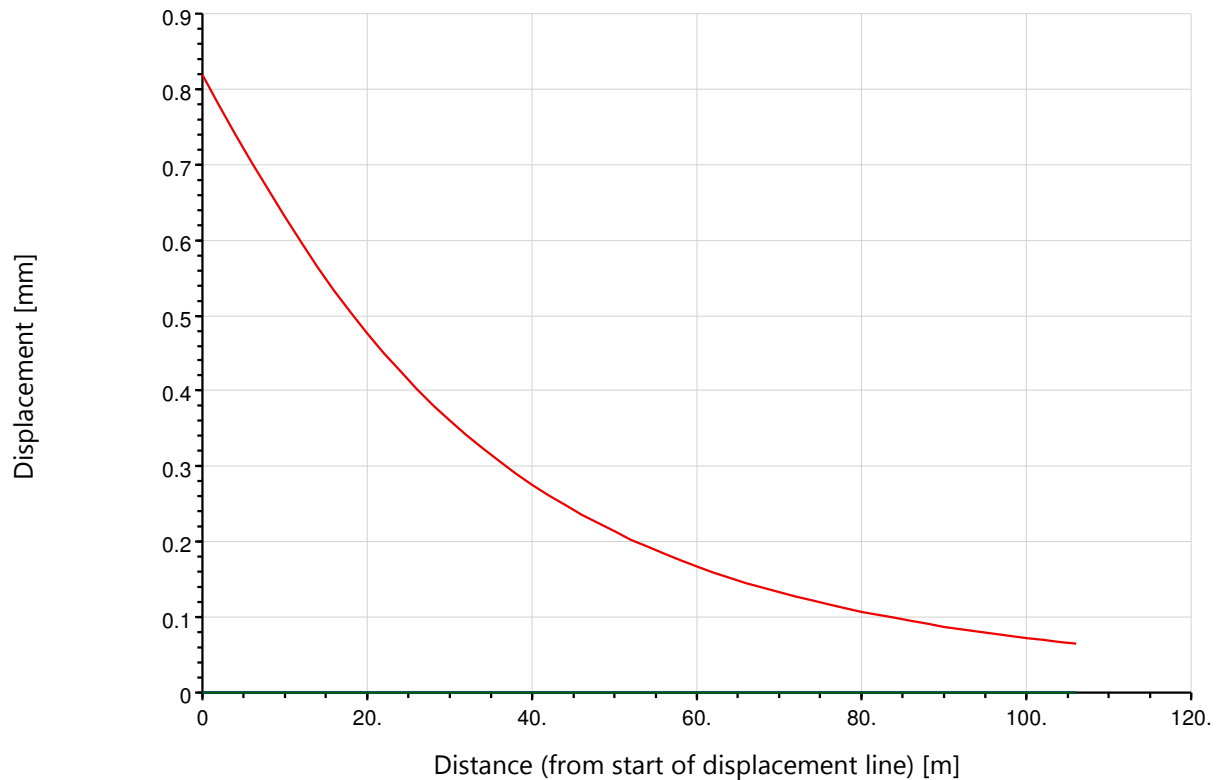
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

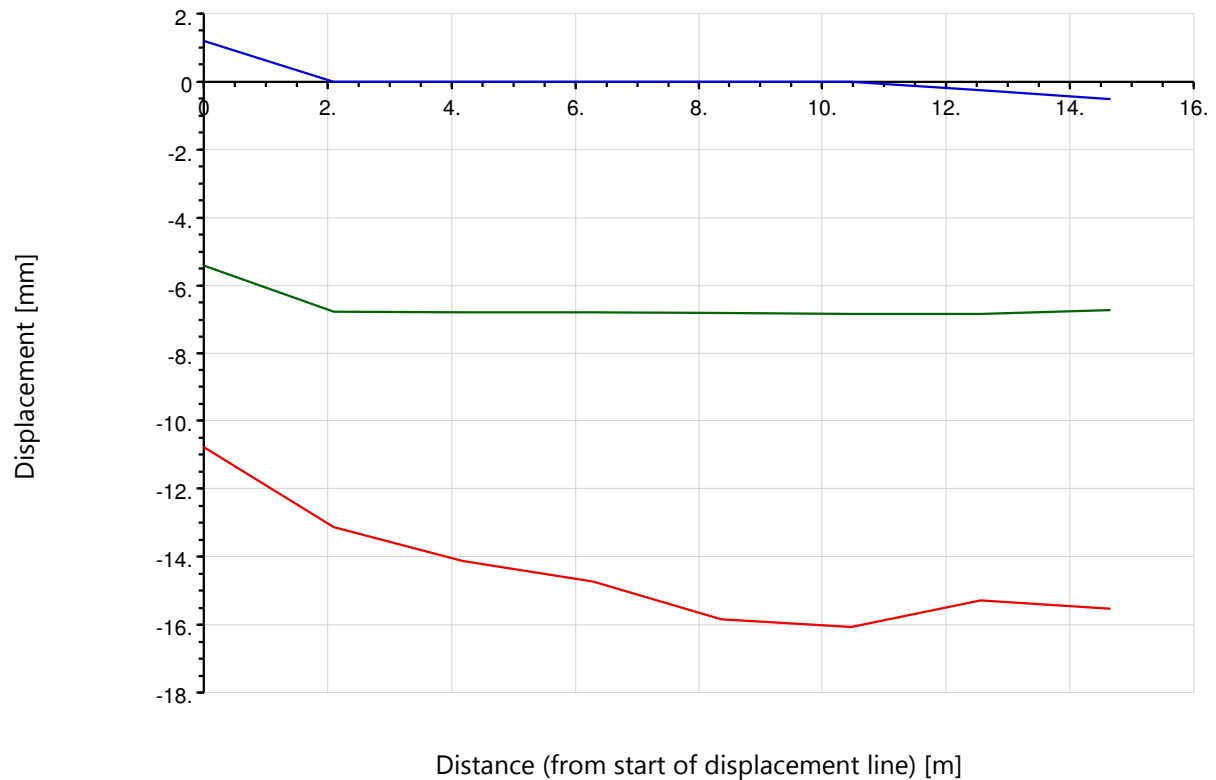
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

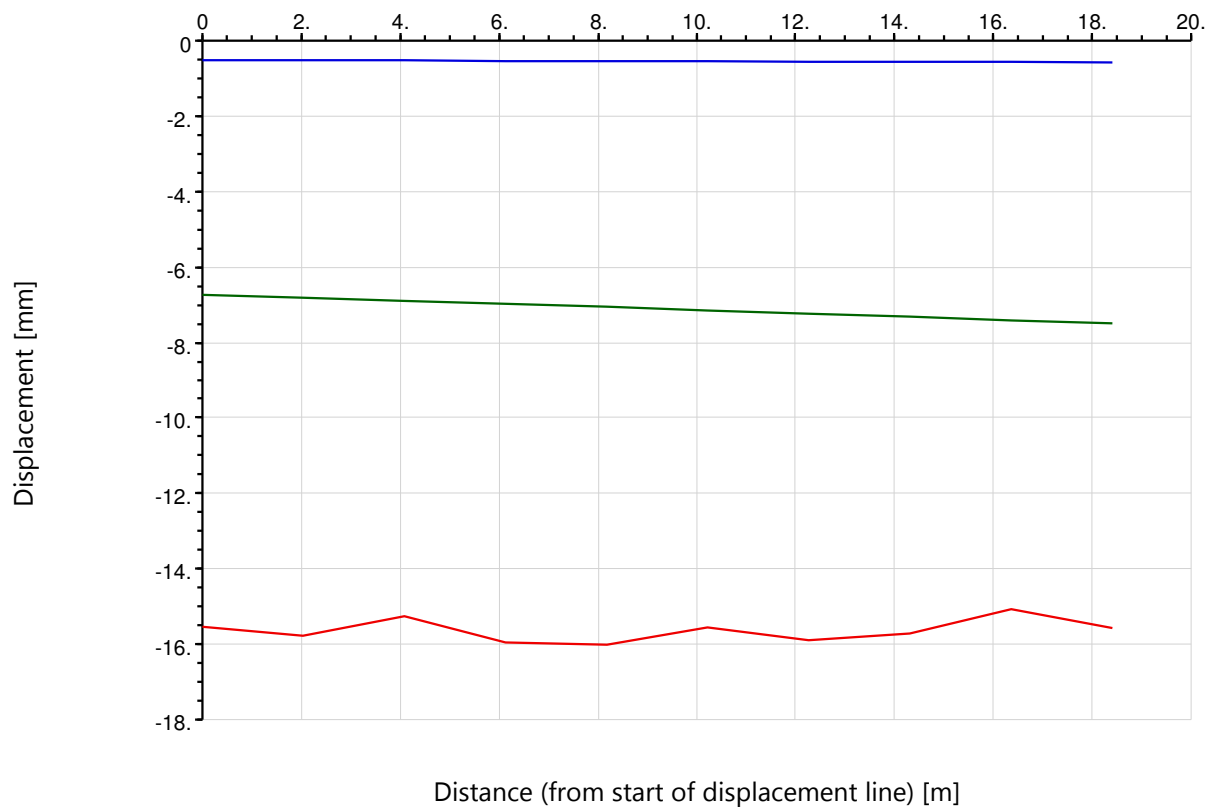
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

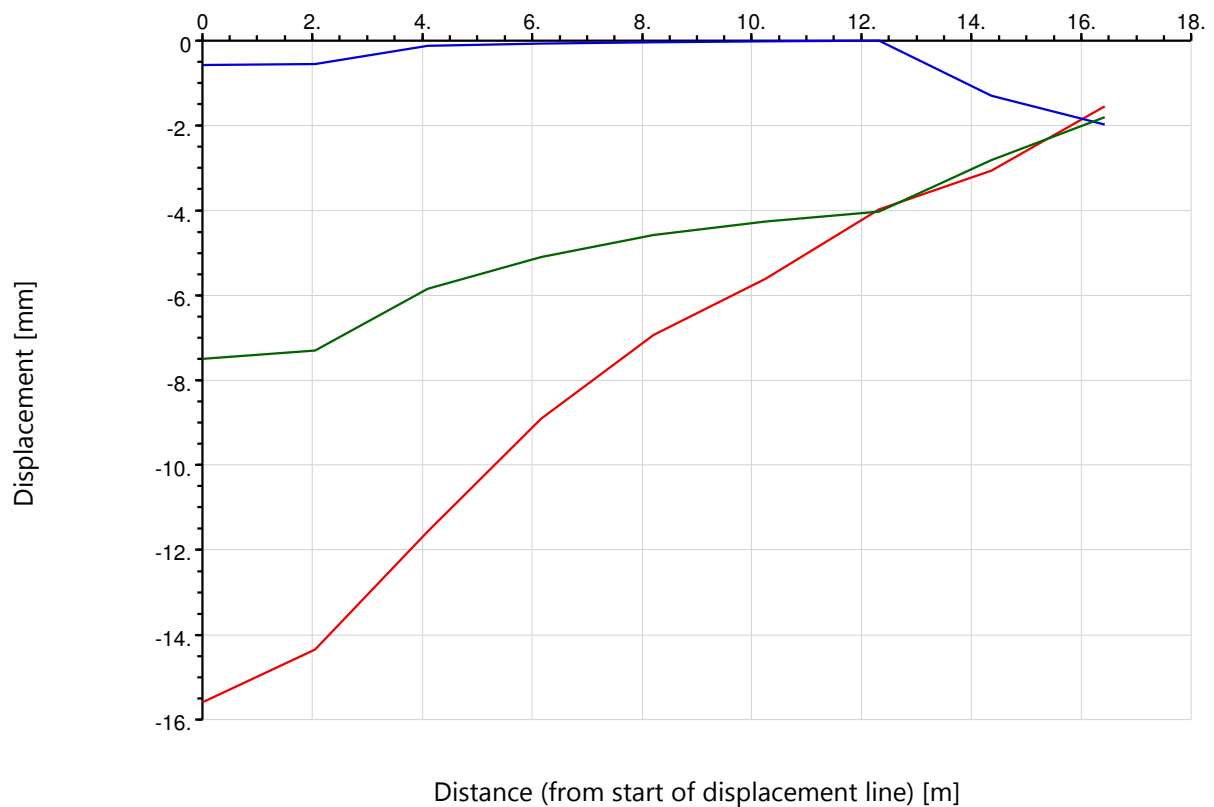
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

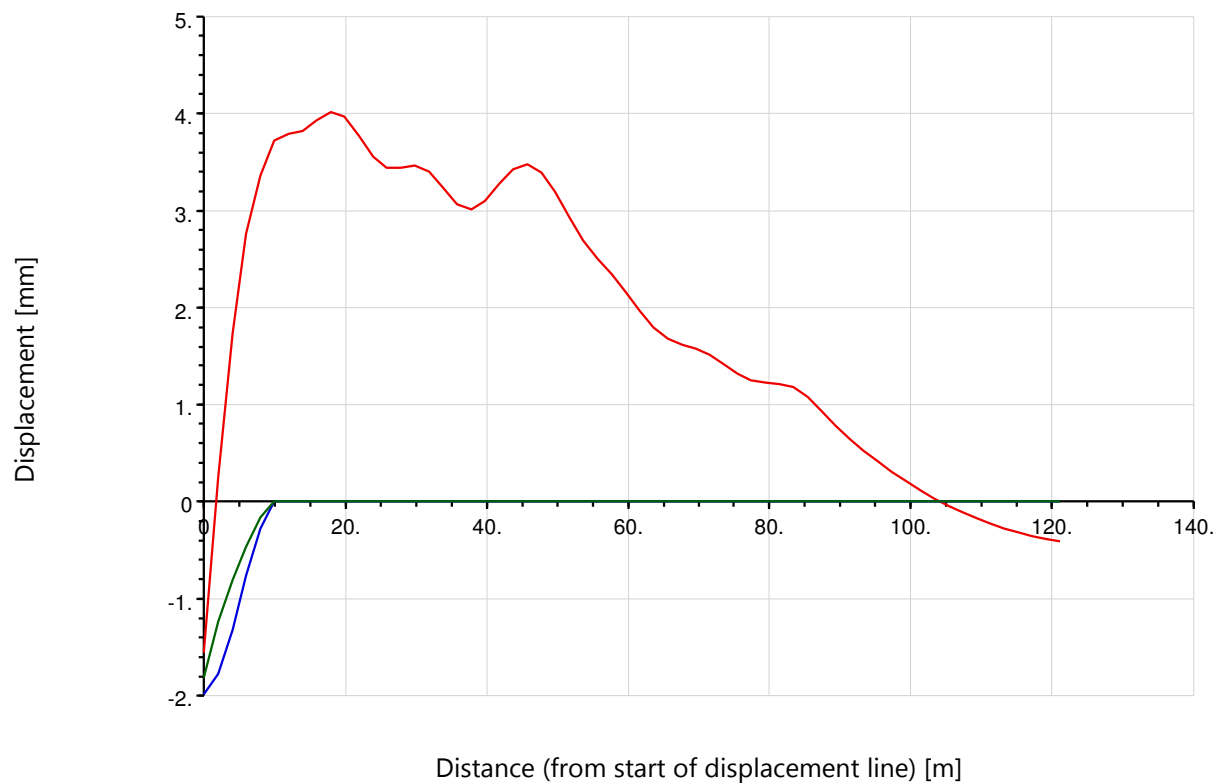
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

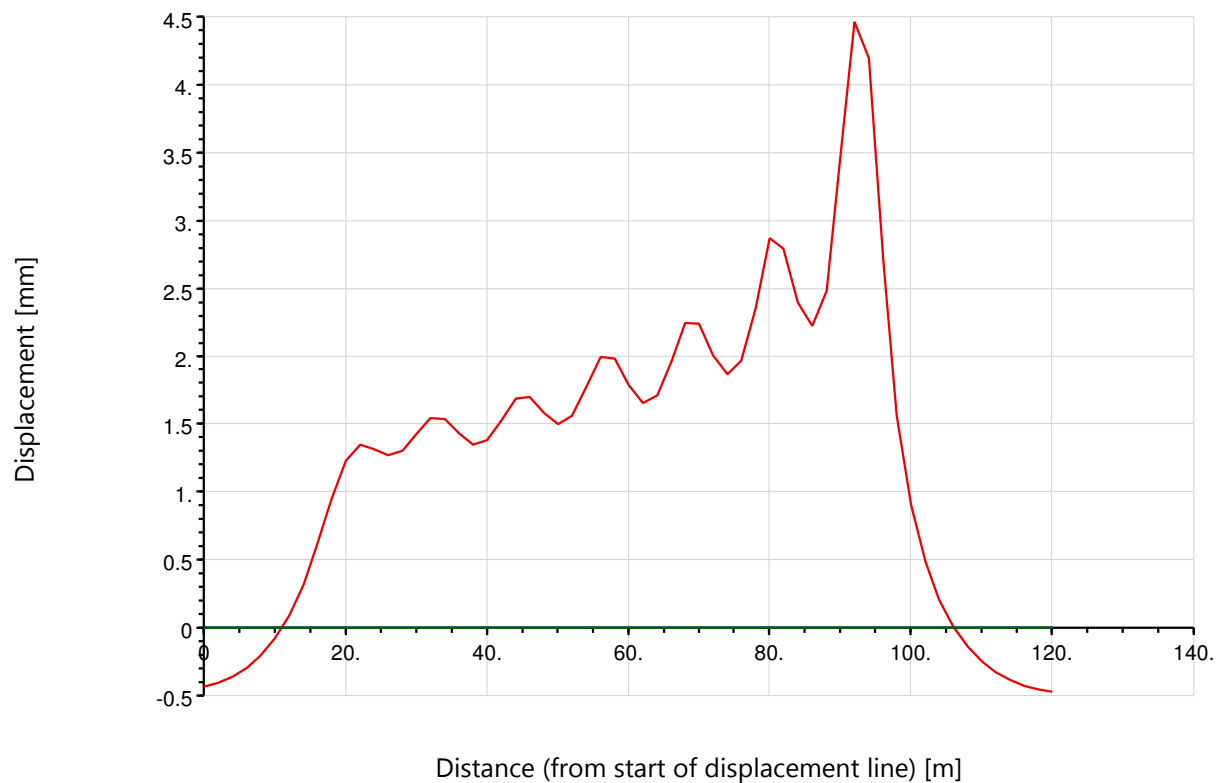
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

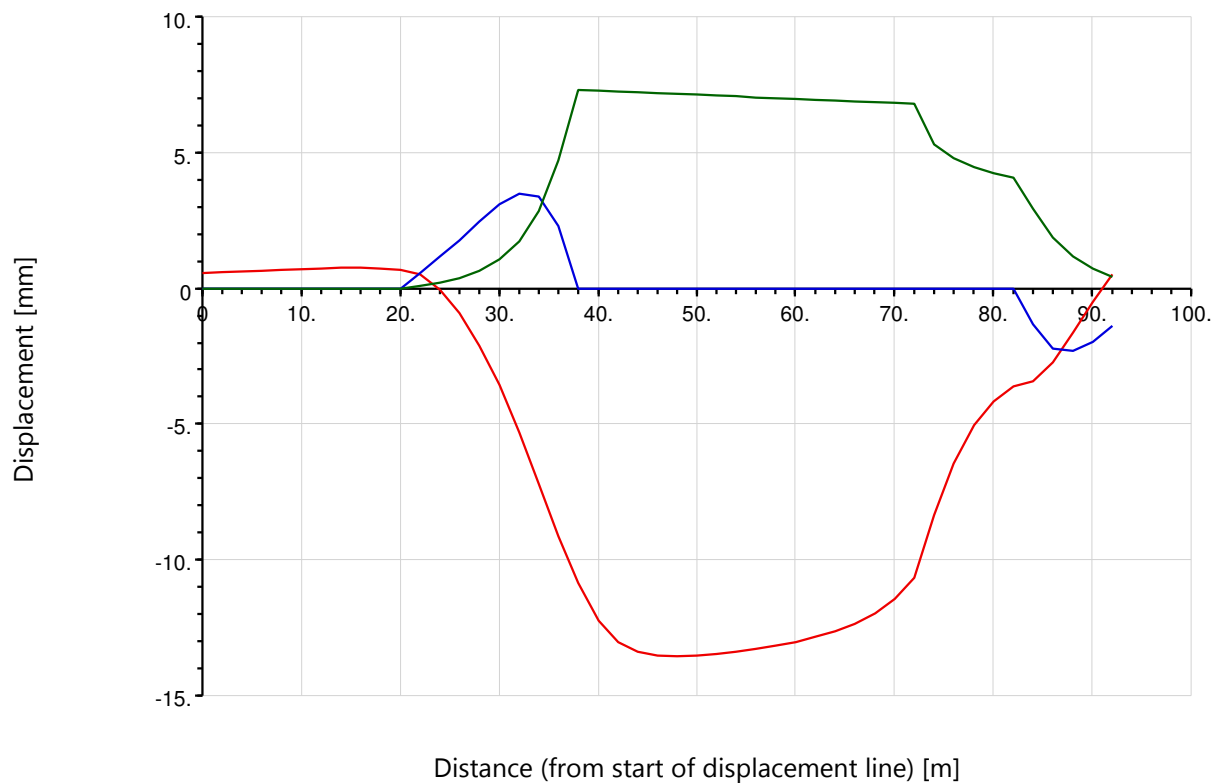
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

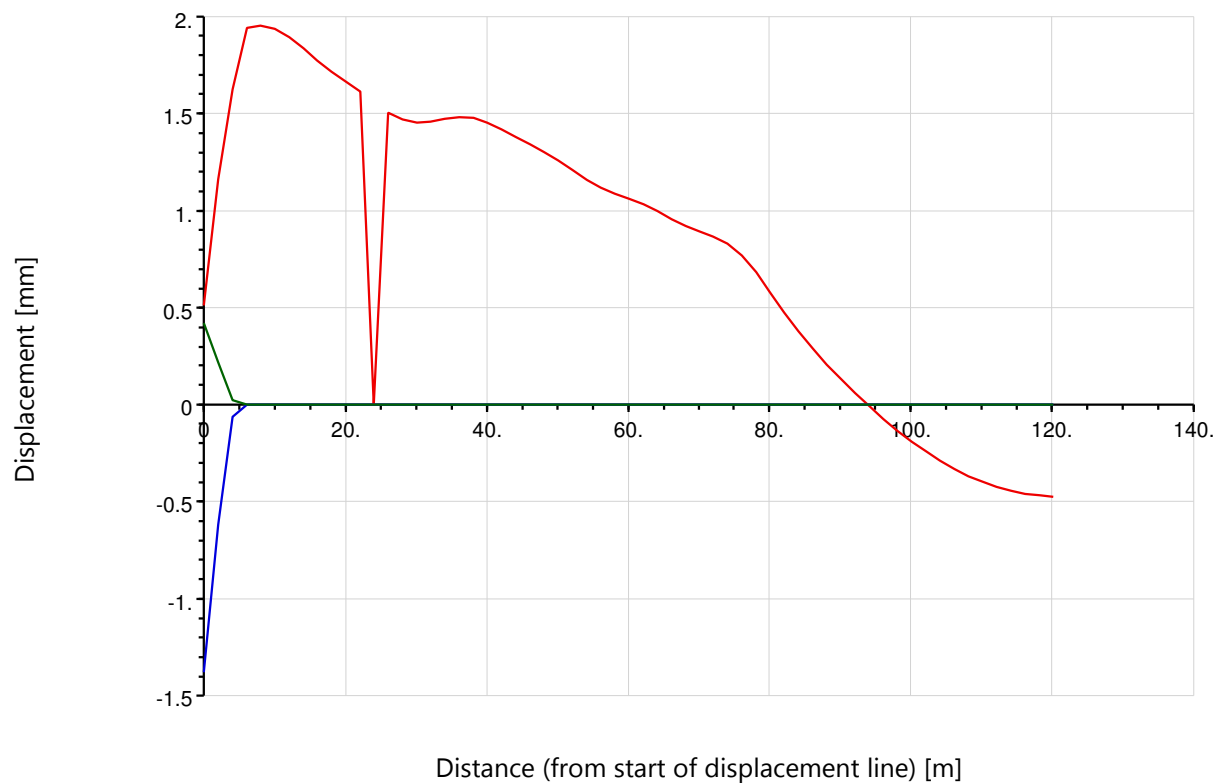
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

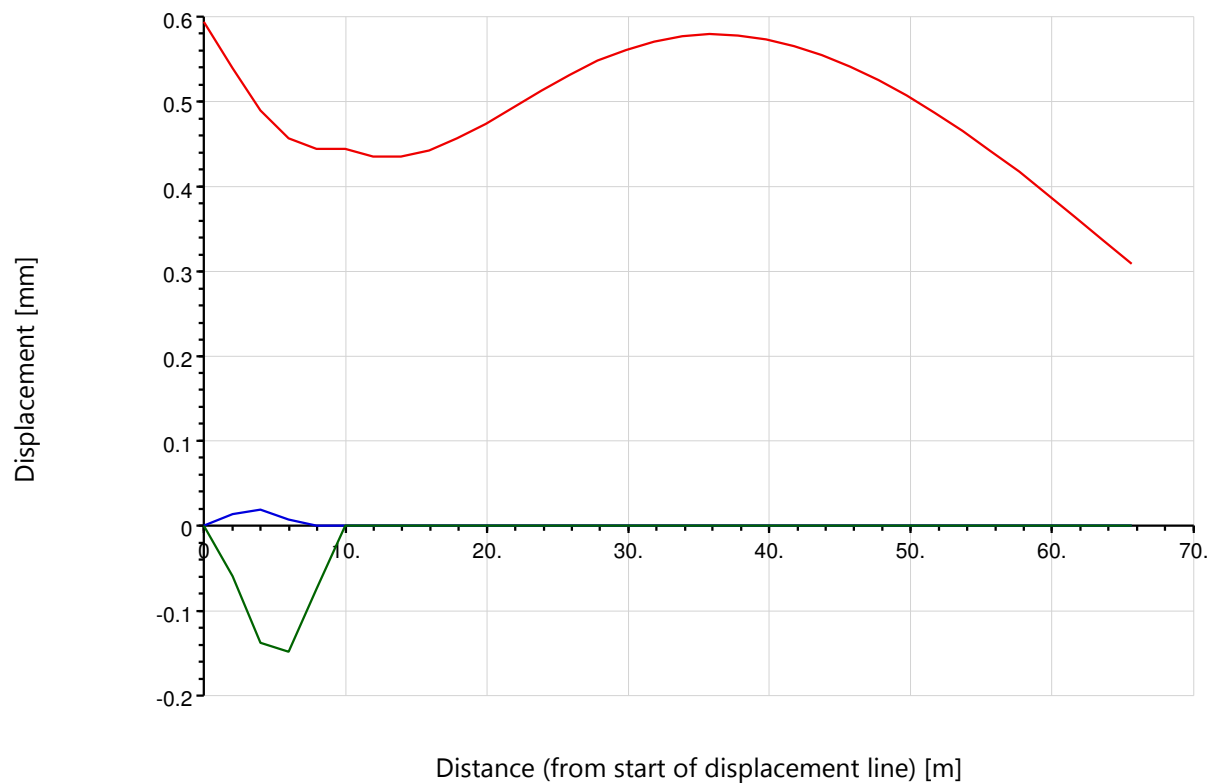
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

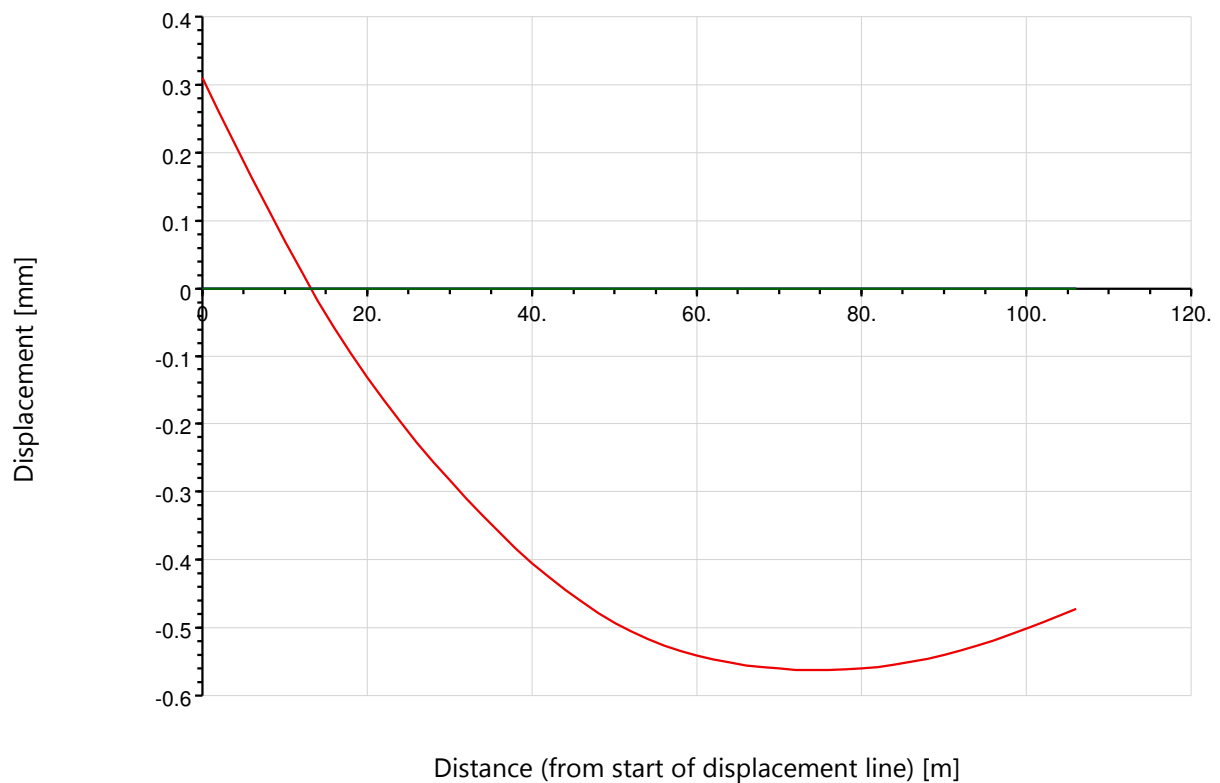
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

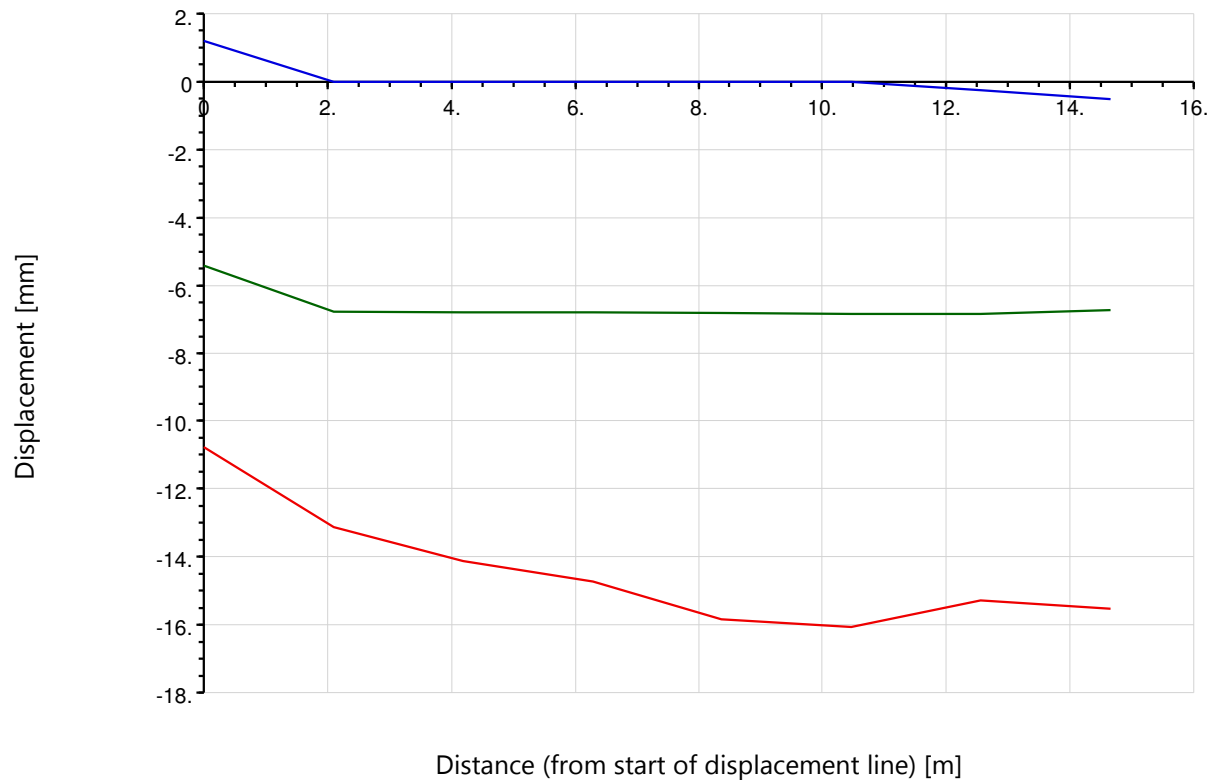
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

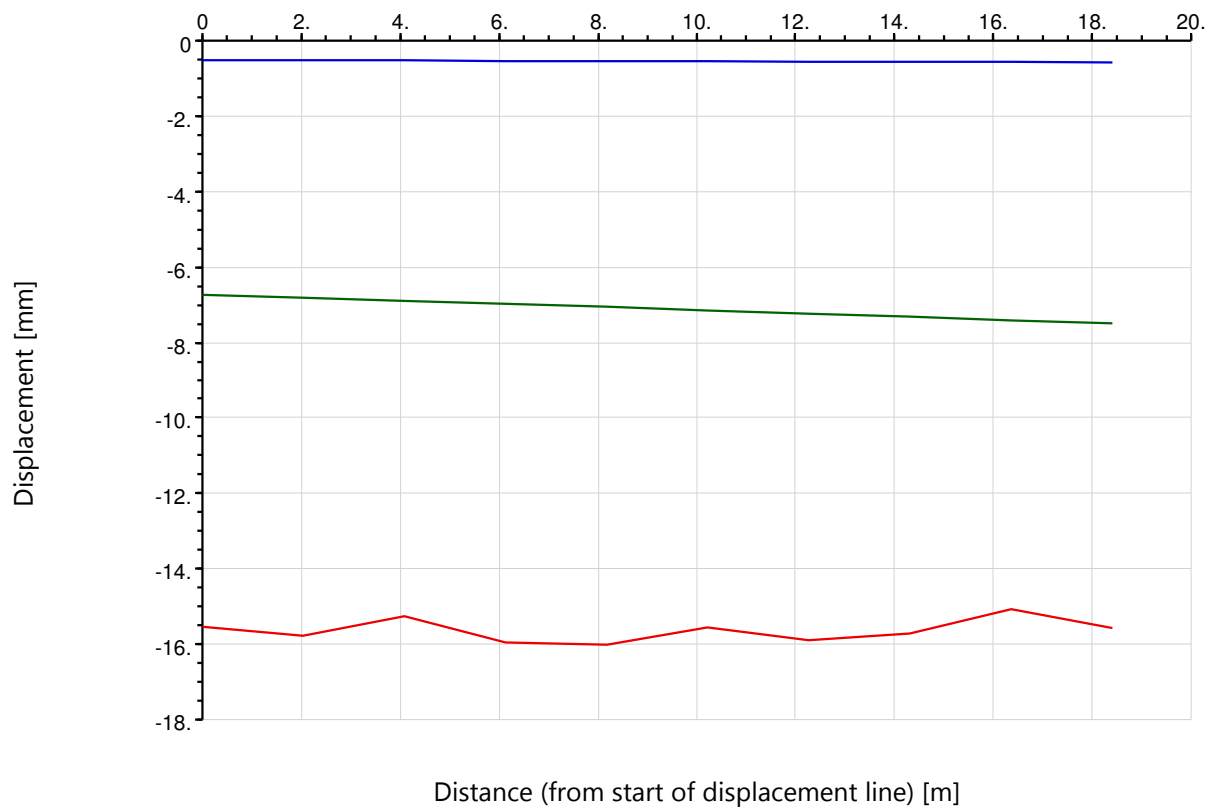
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

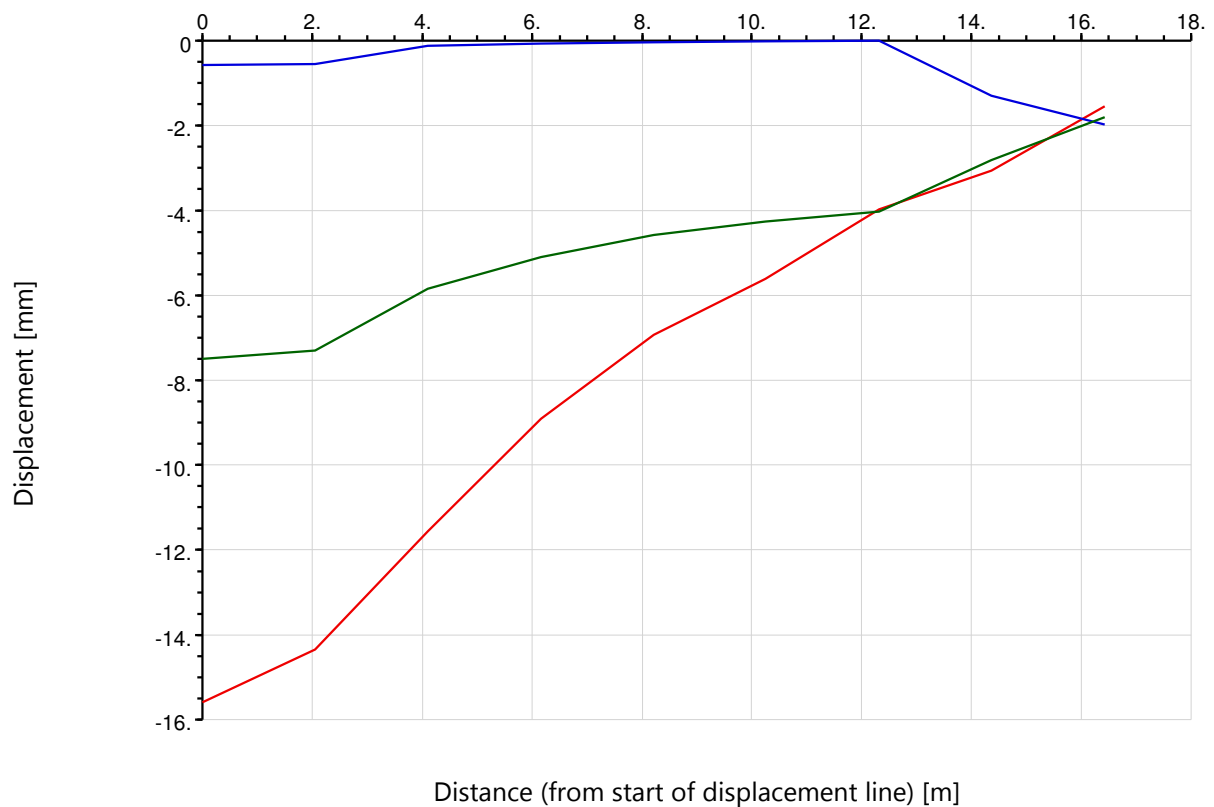
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

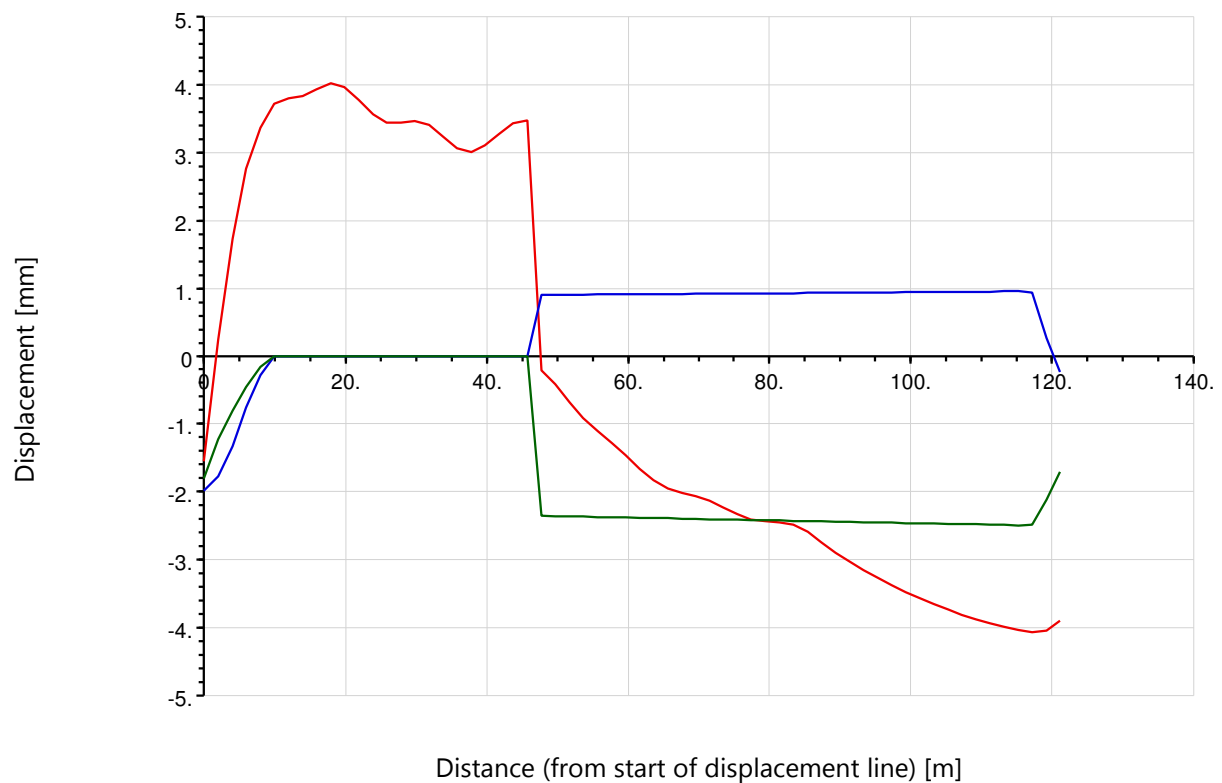
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

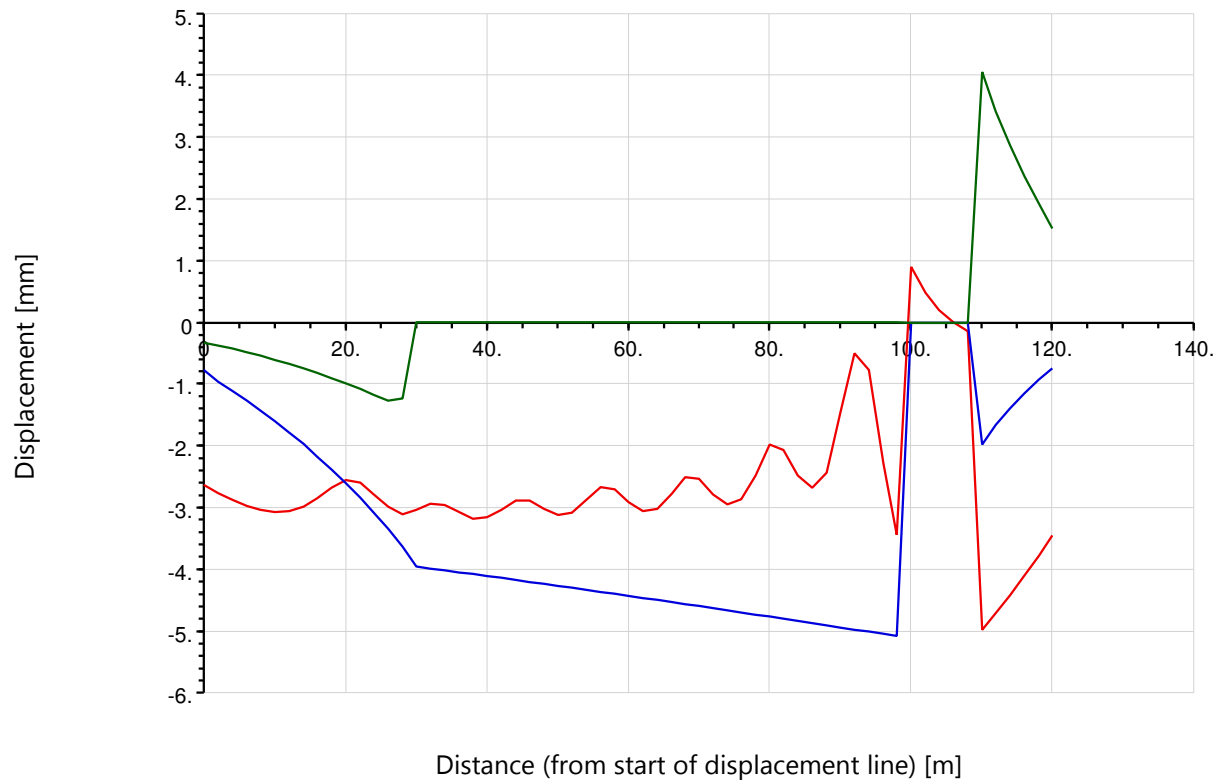
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



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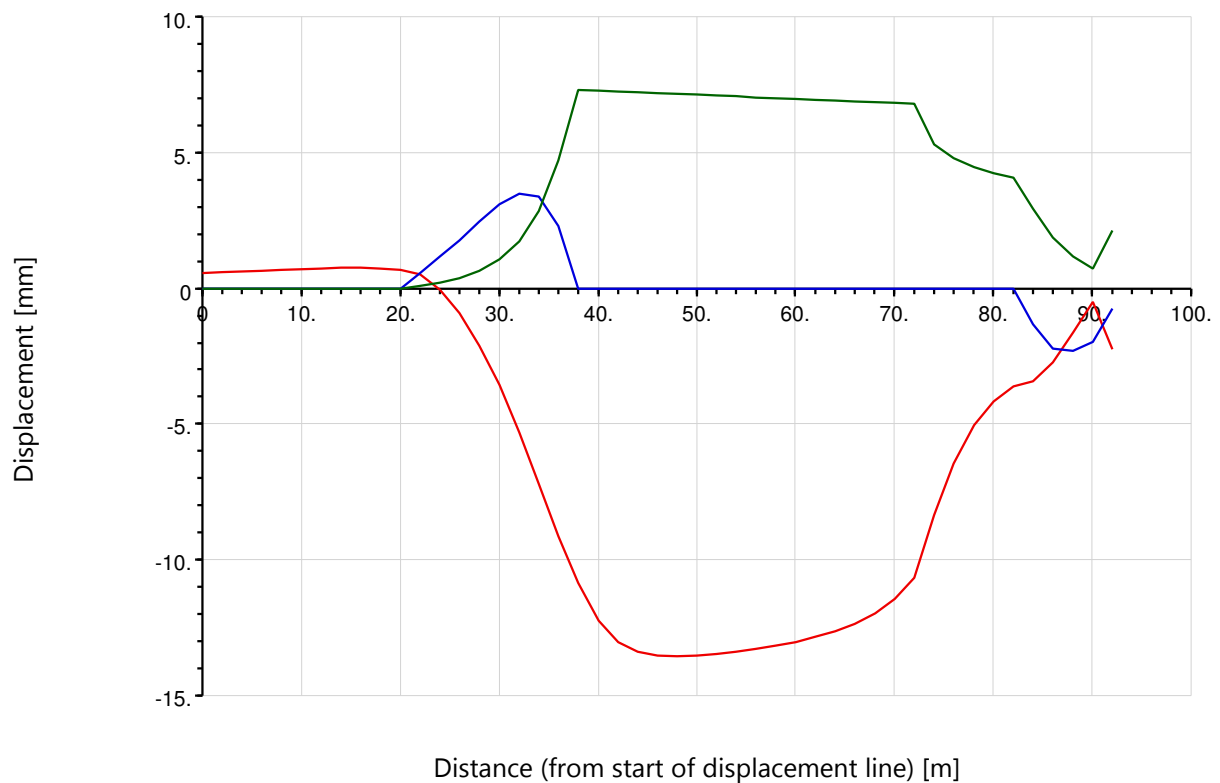
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

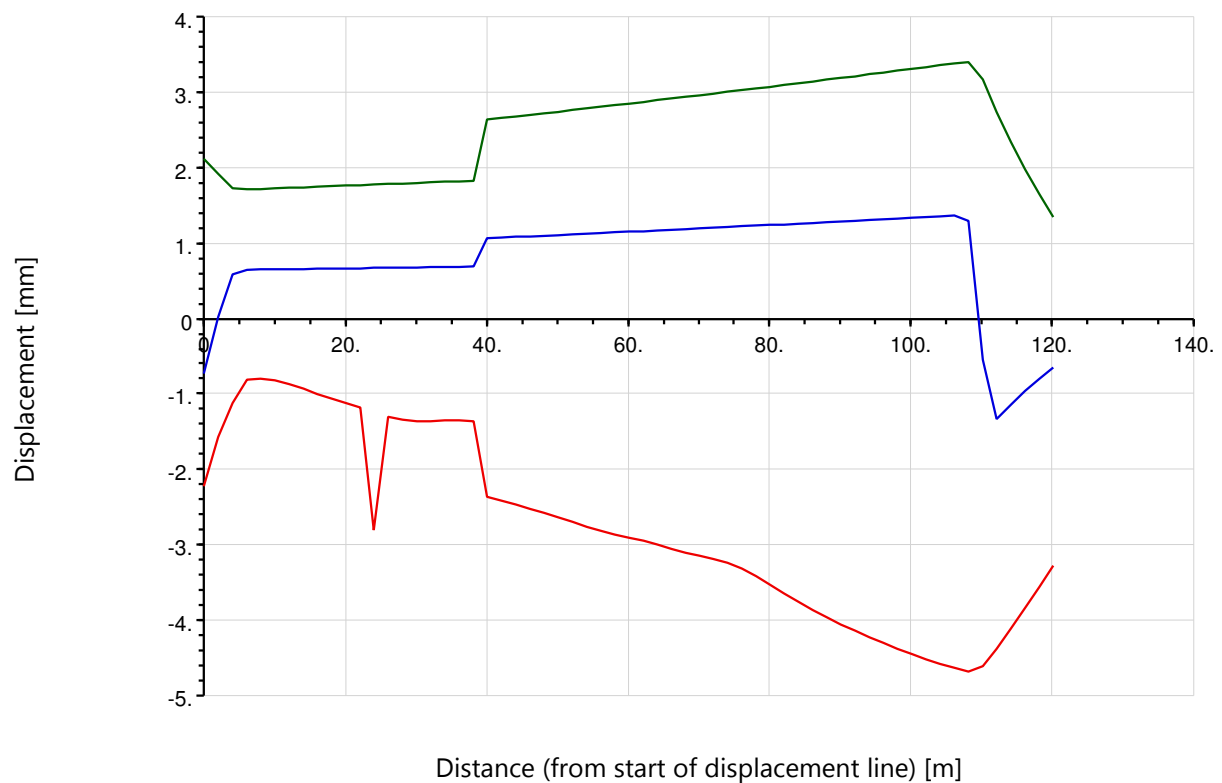
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

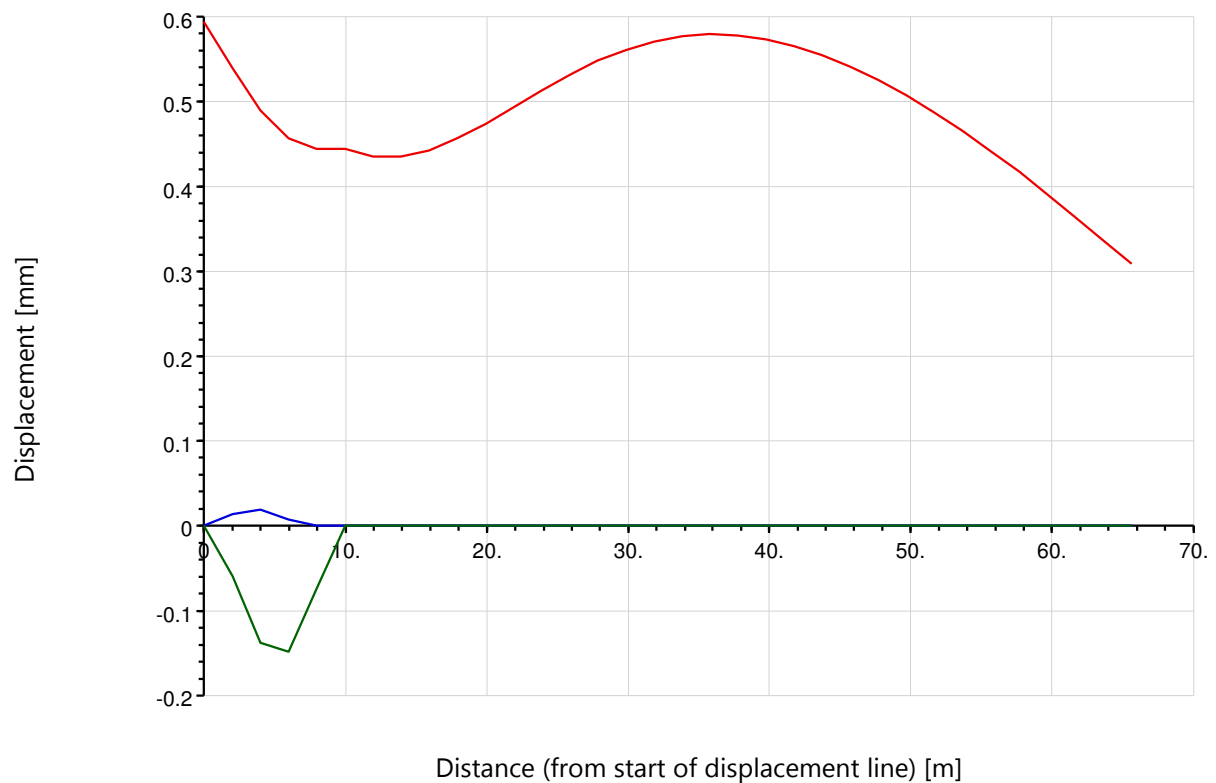
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

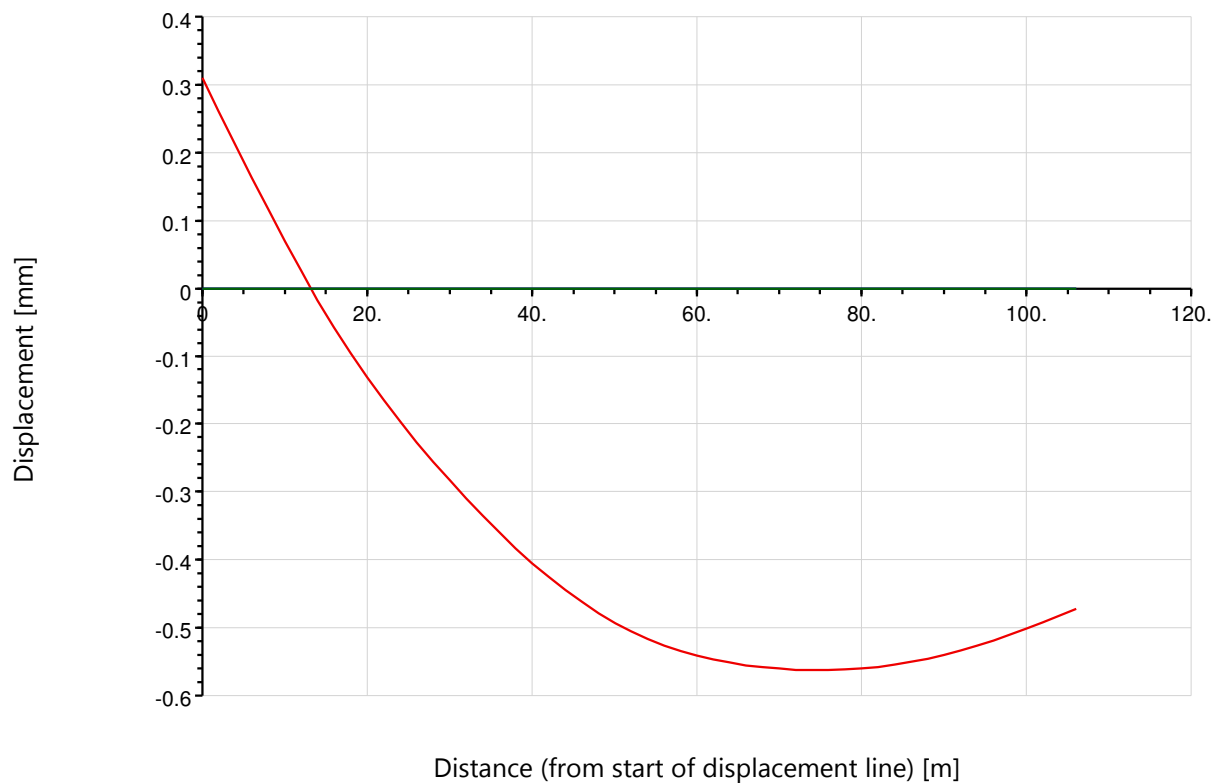
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

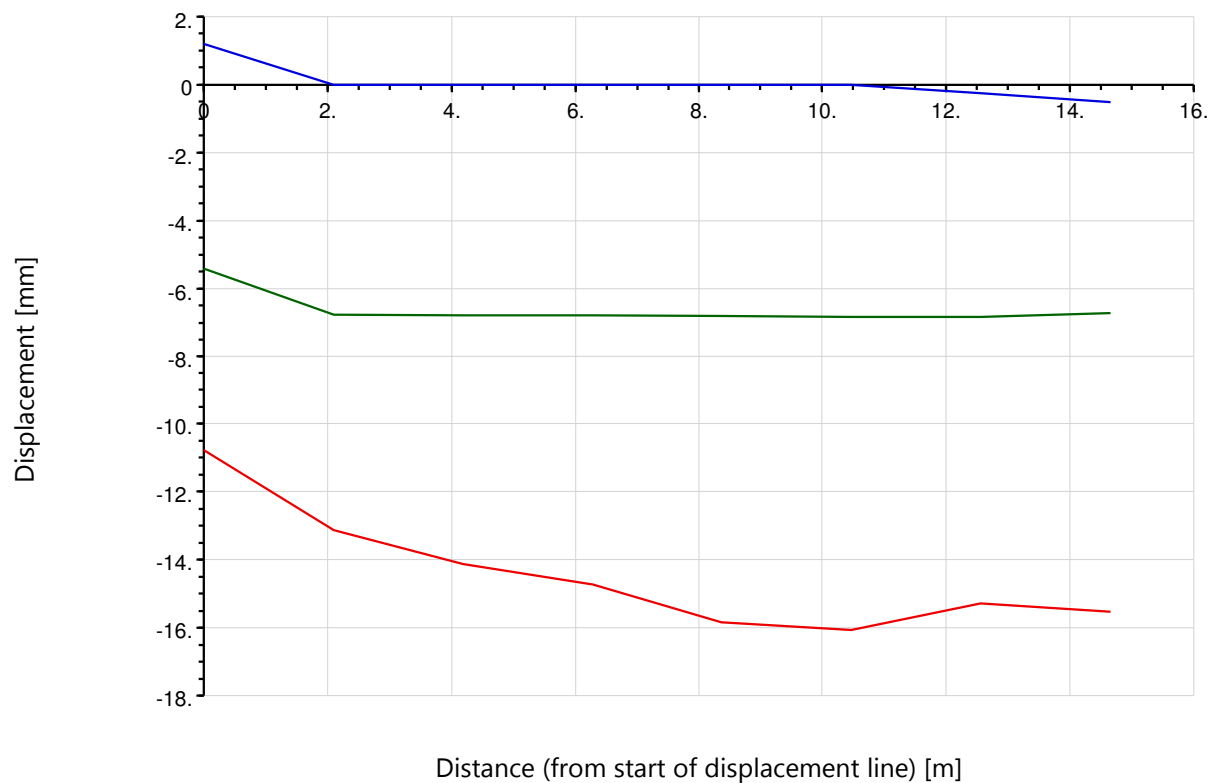
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

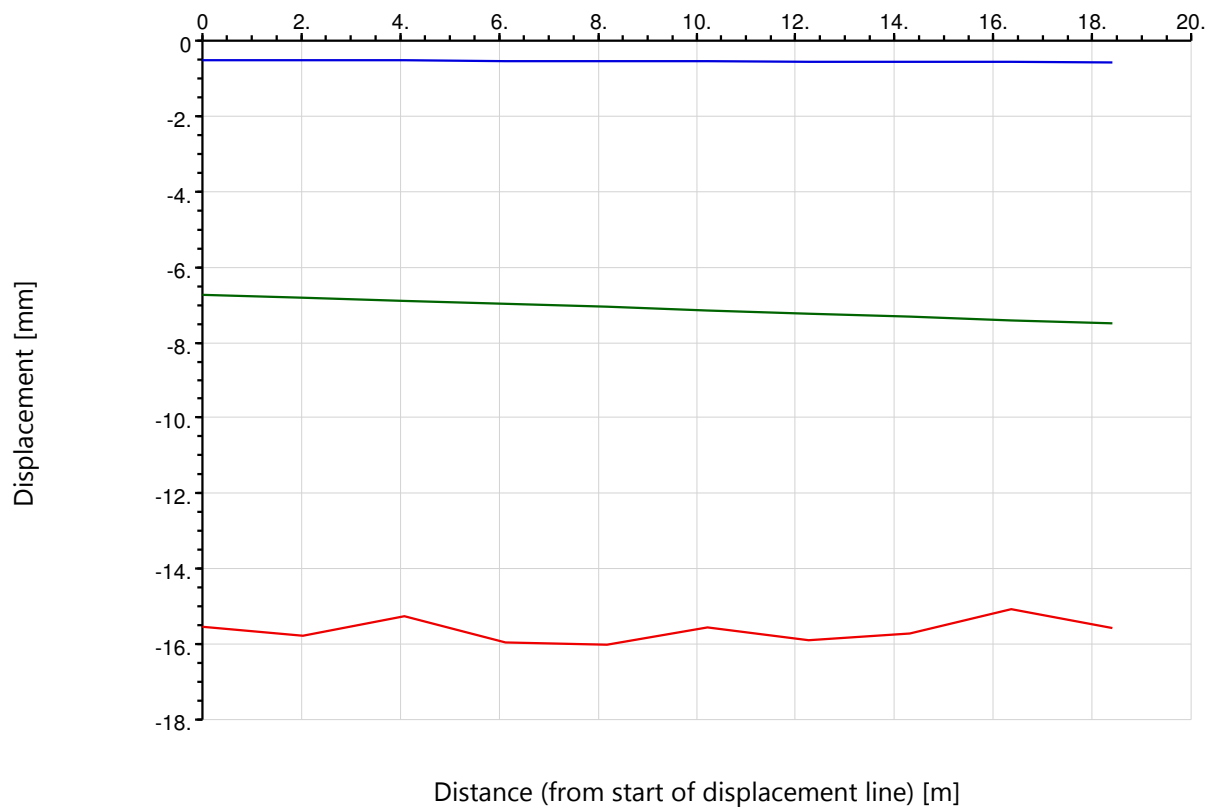
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

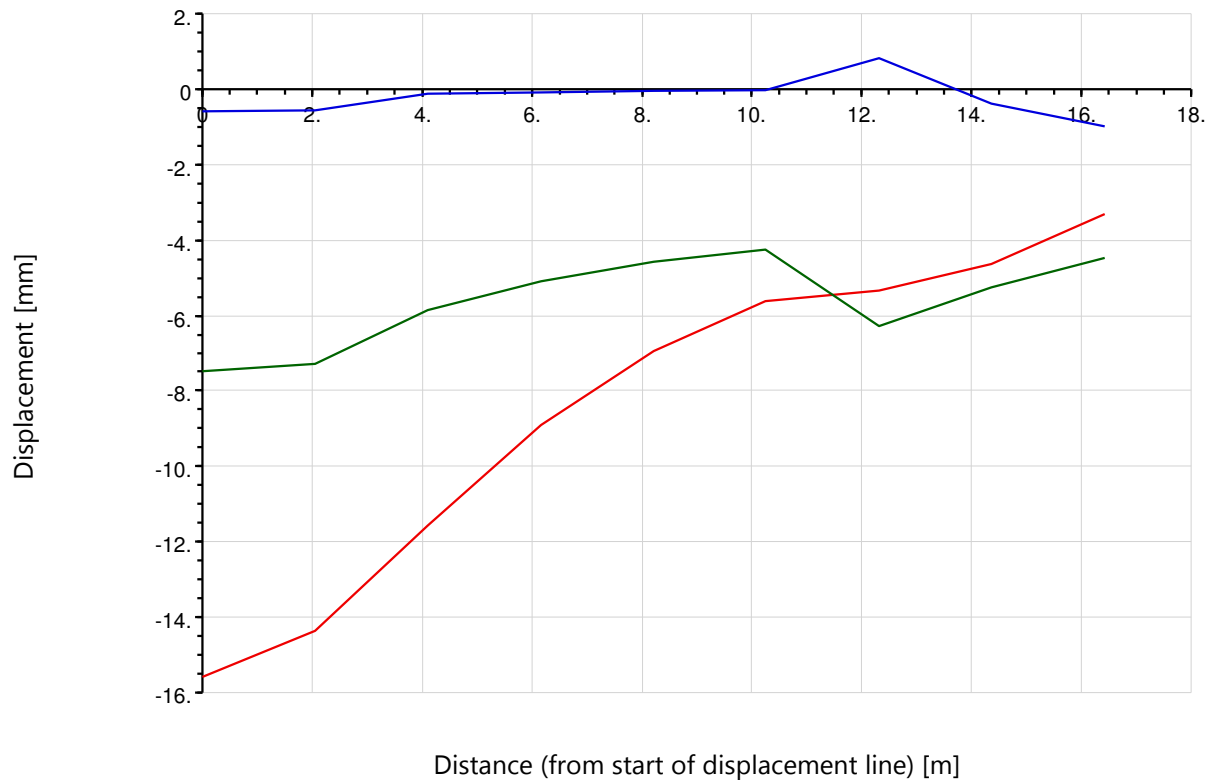
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

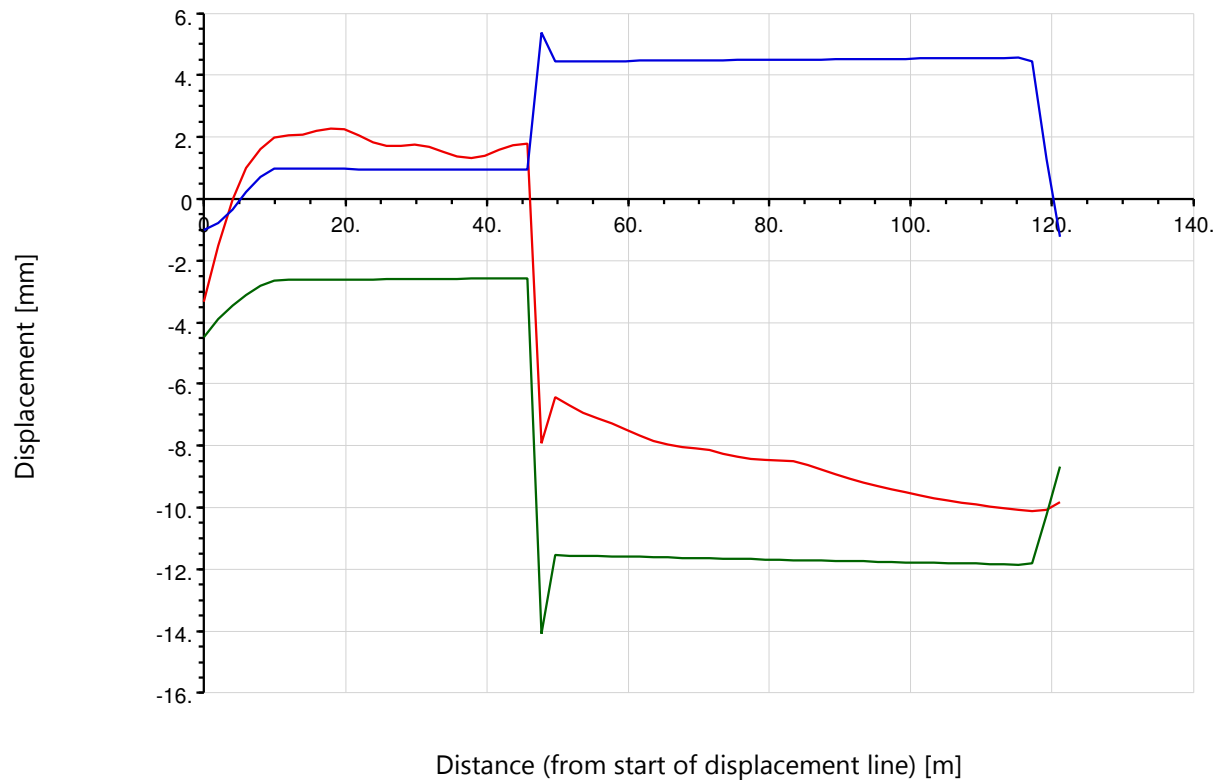
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

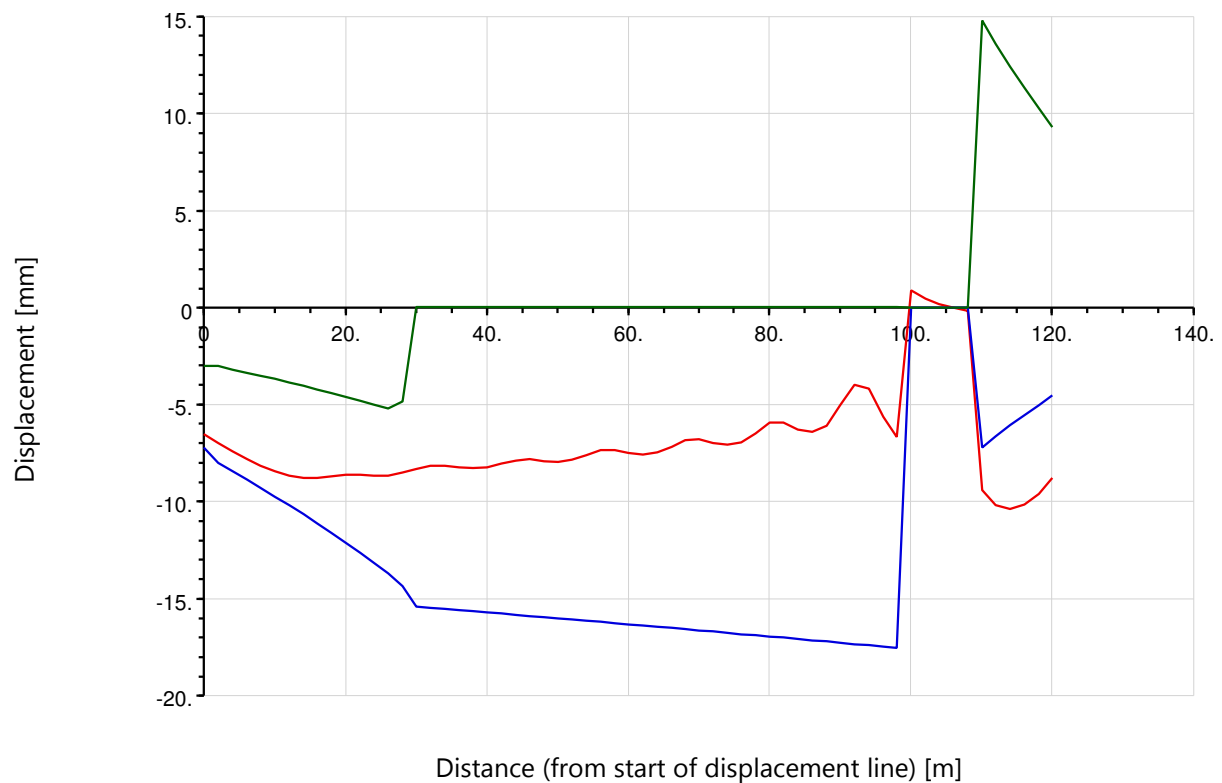
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

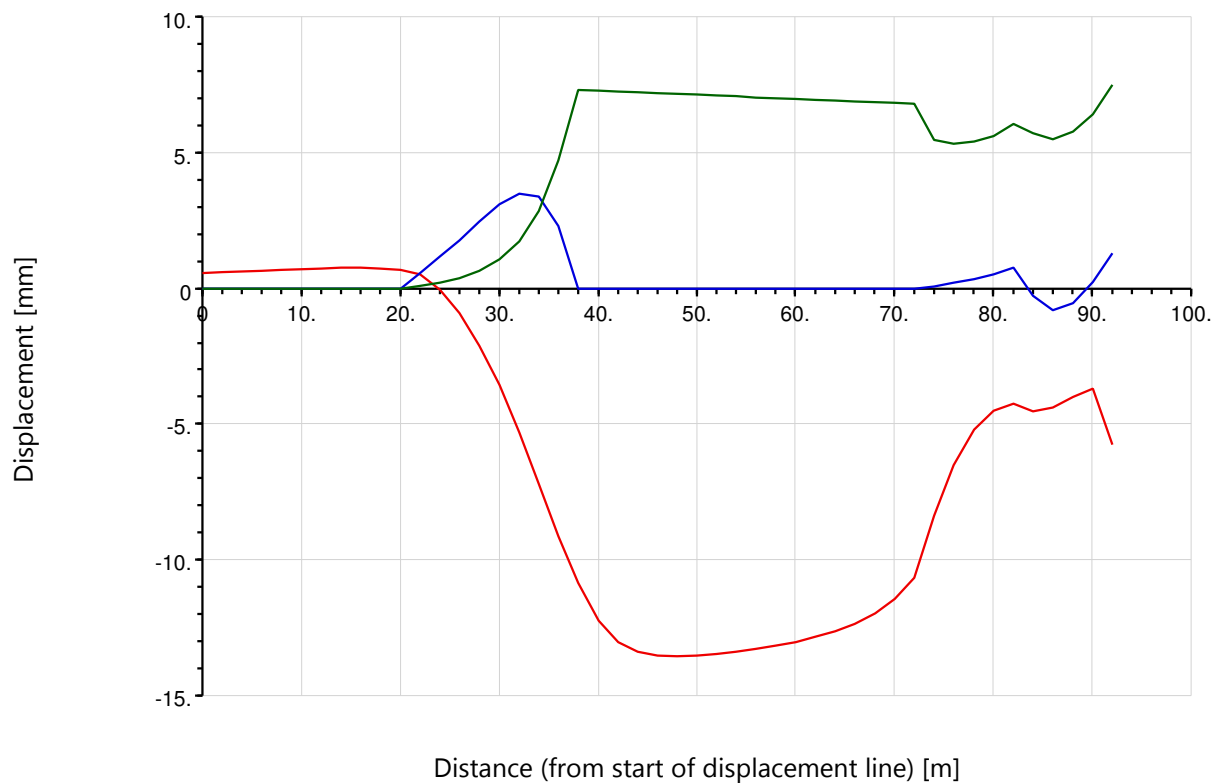
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

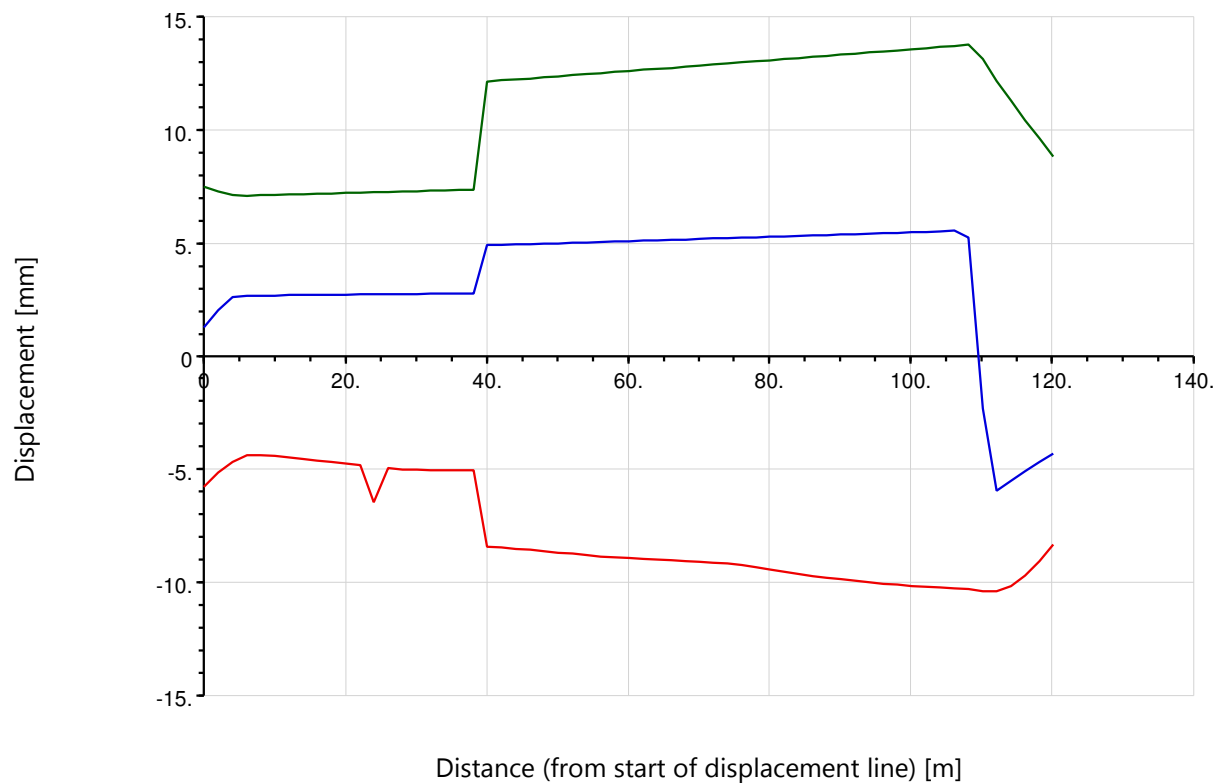
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

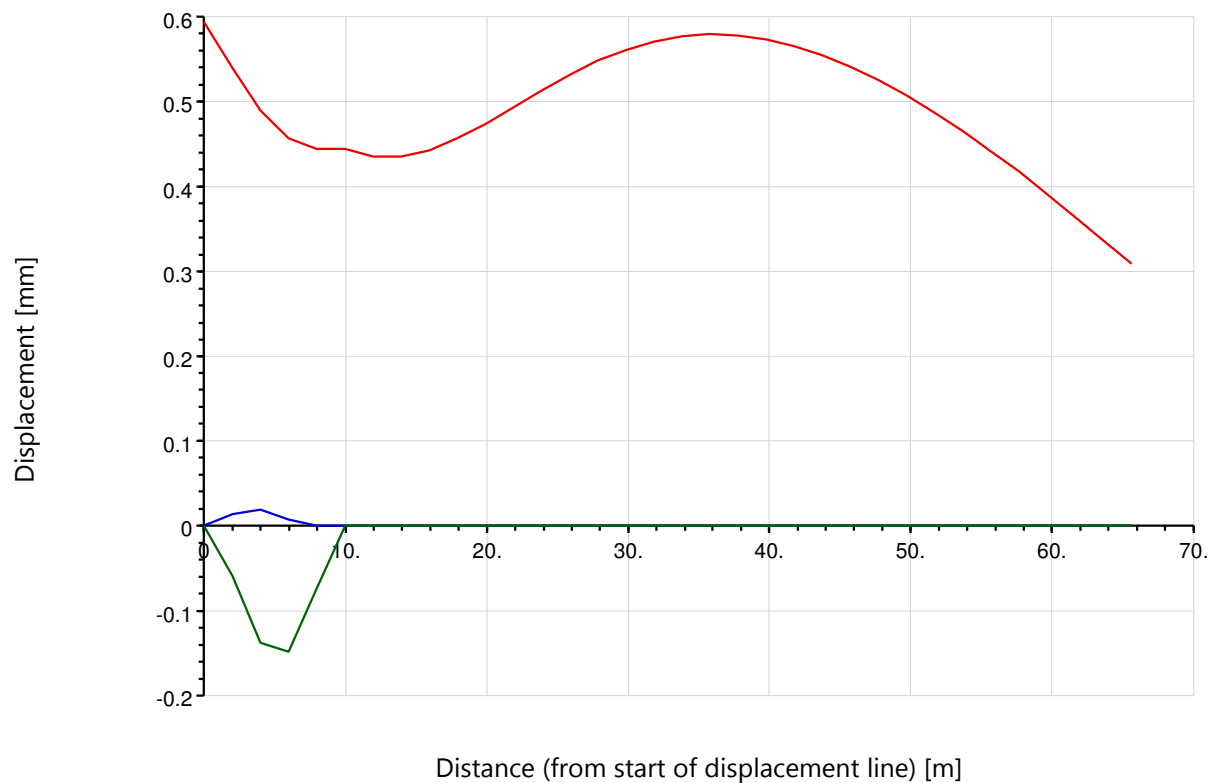
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

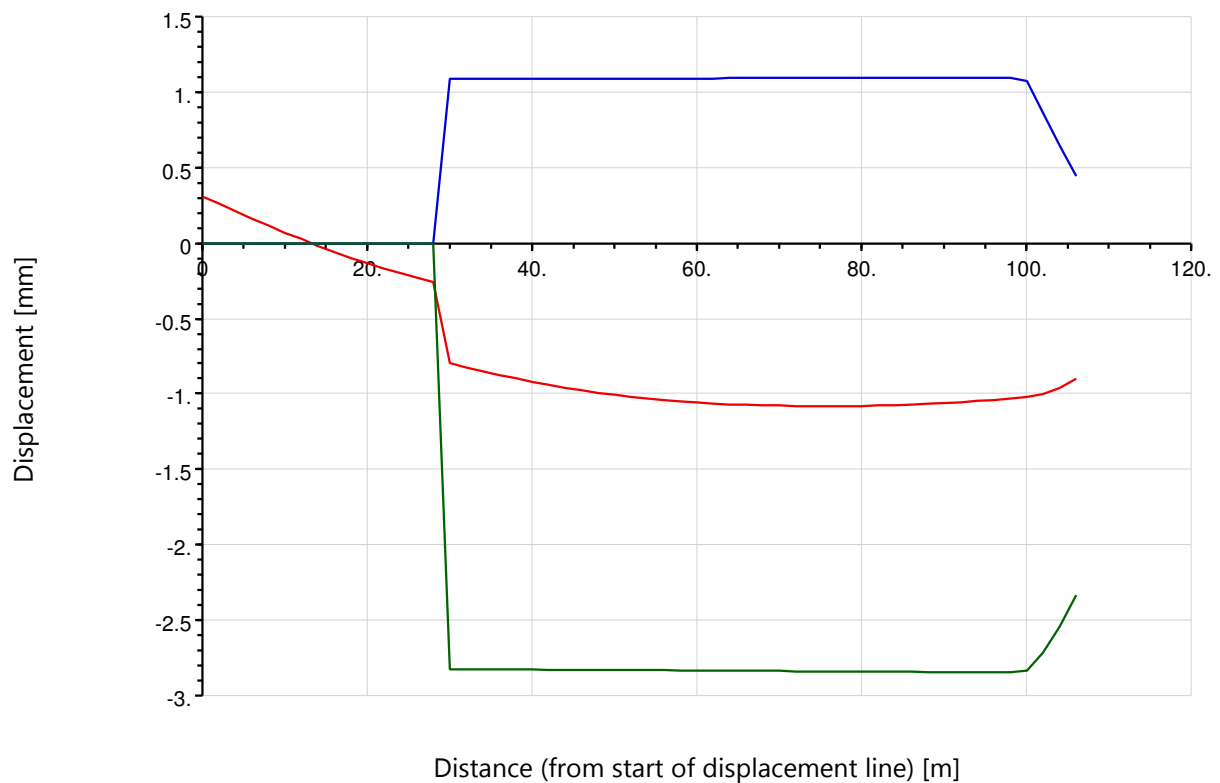
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



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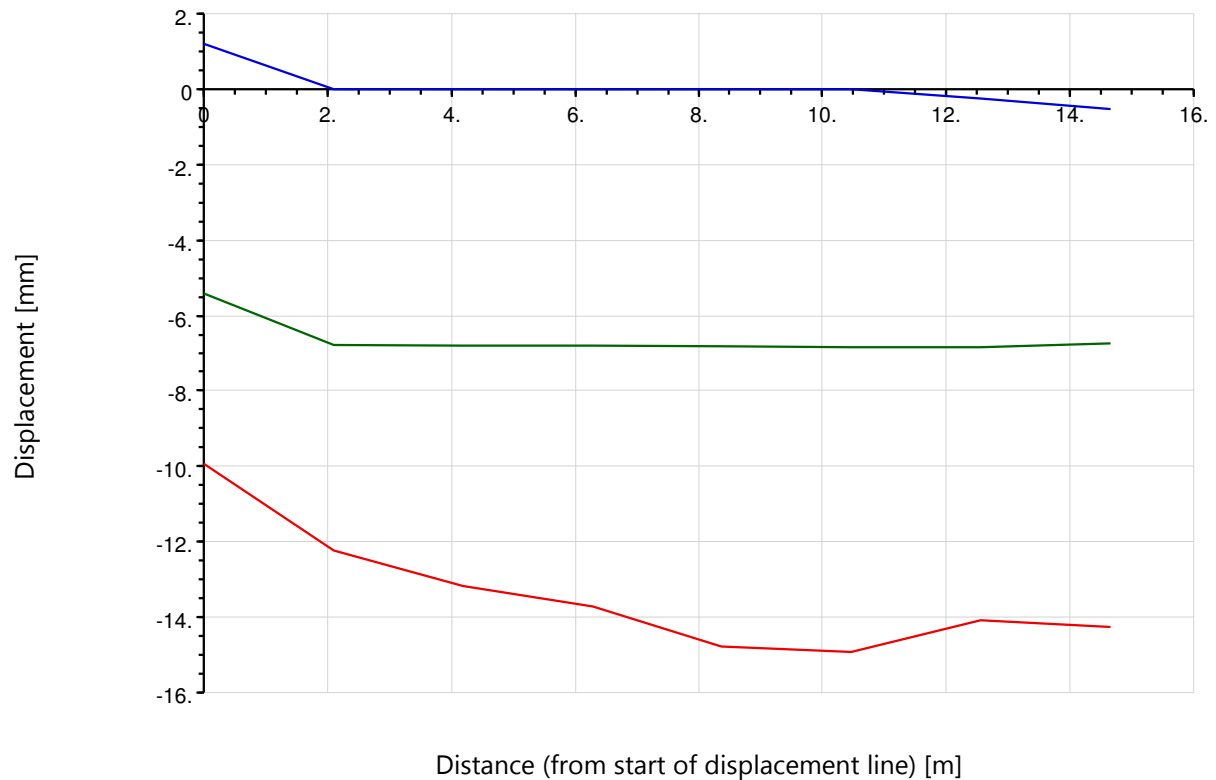
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



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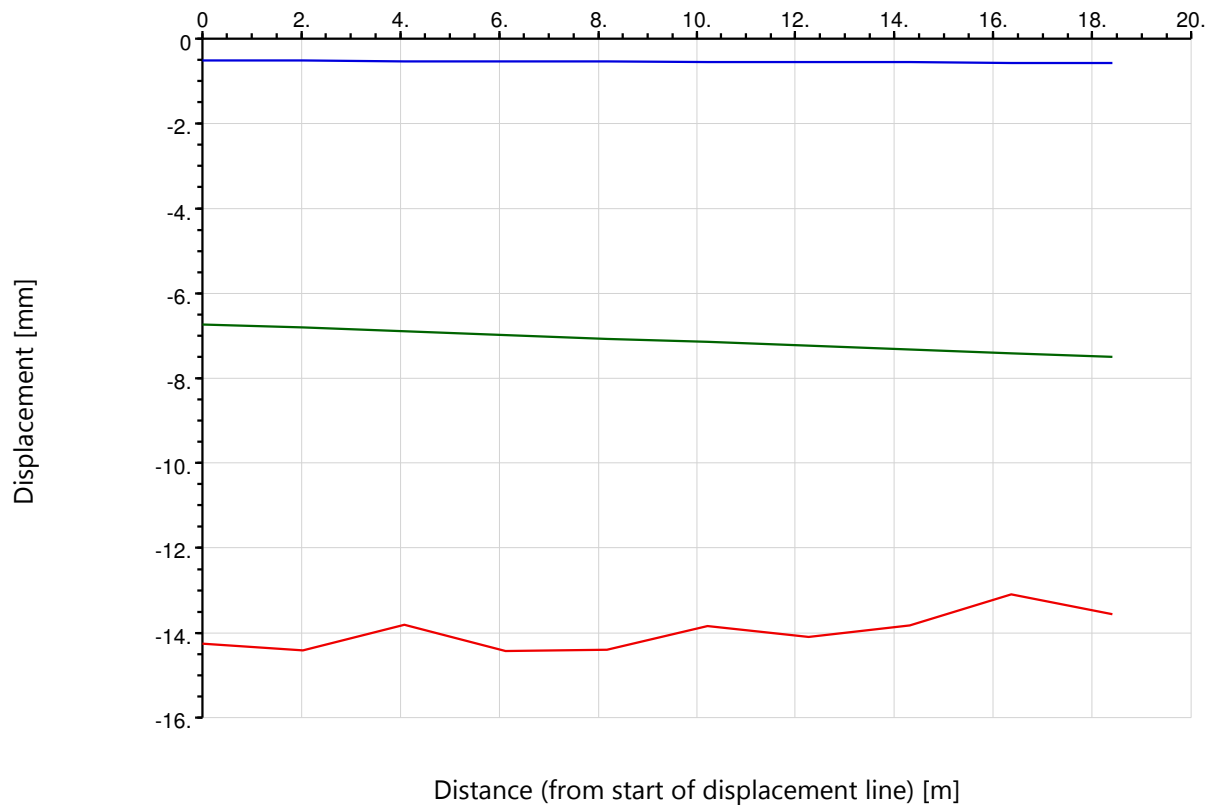
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



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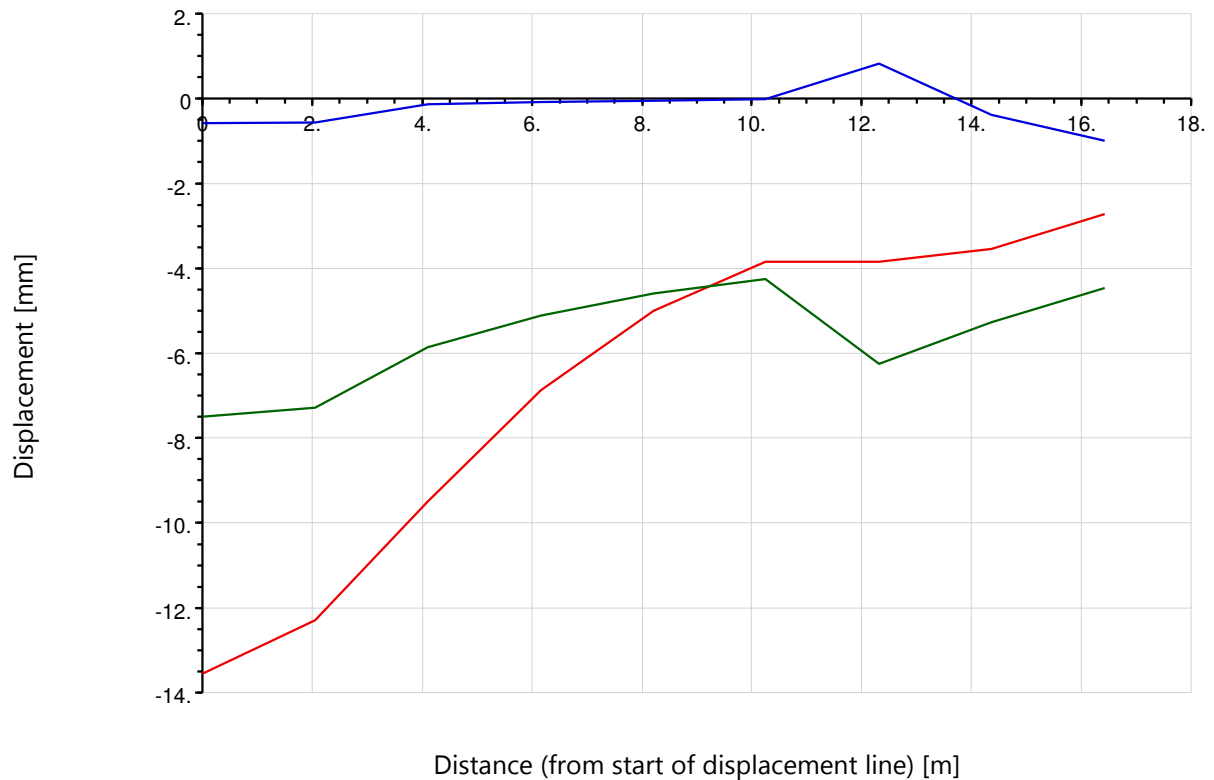
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



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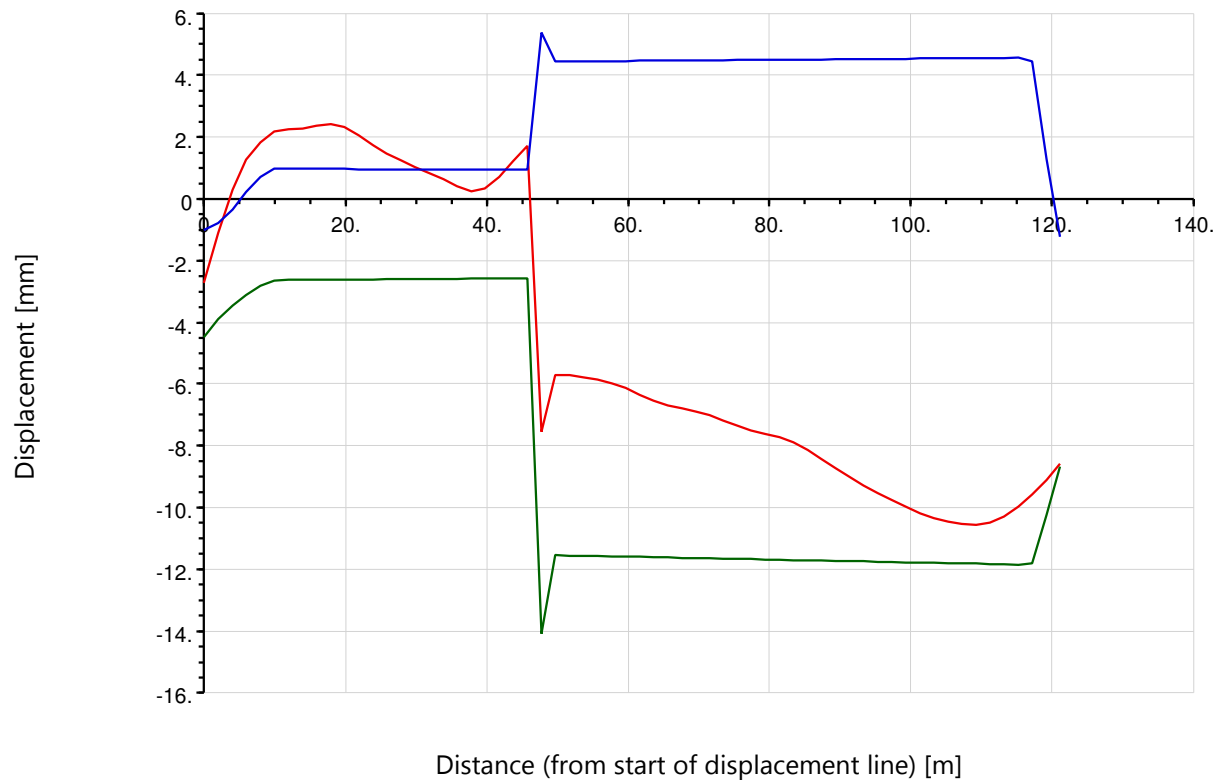
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



UBB, London

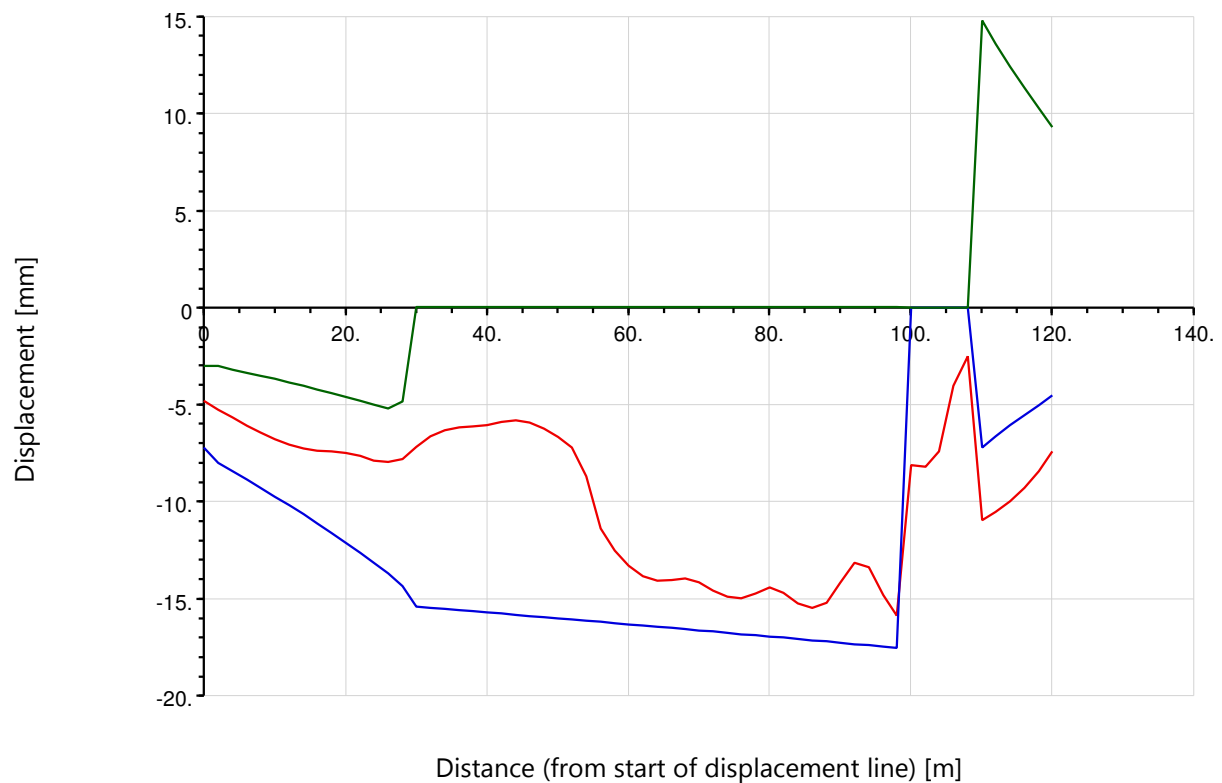
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

— Vertical Displacement
— Horizontal Displacement x
— Horizontal Displacement y



UBB, London

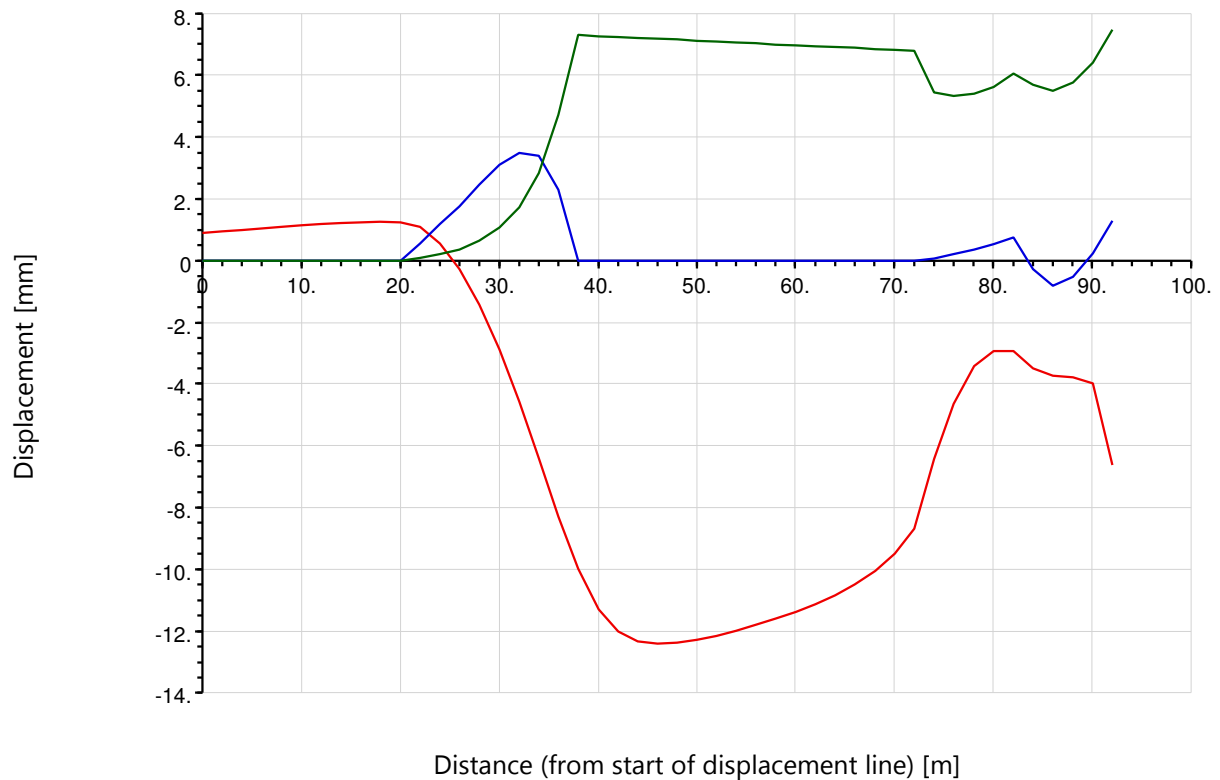
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

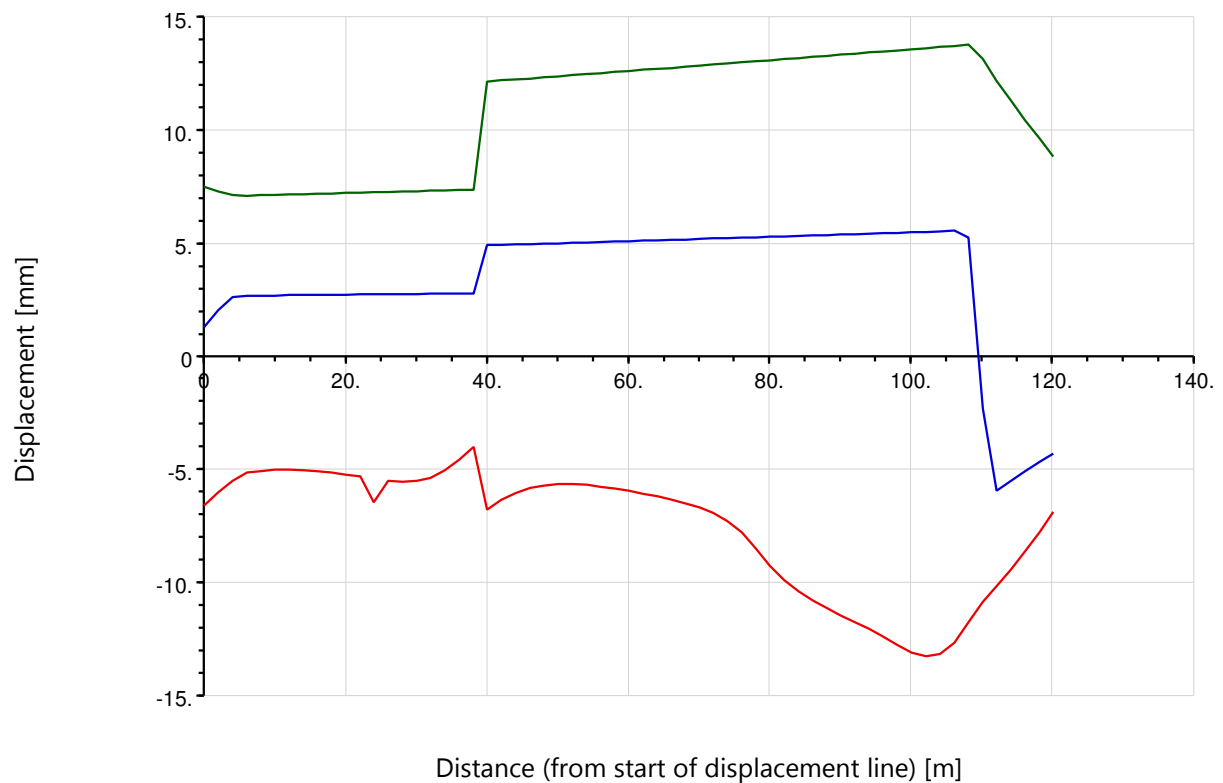
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



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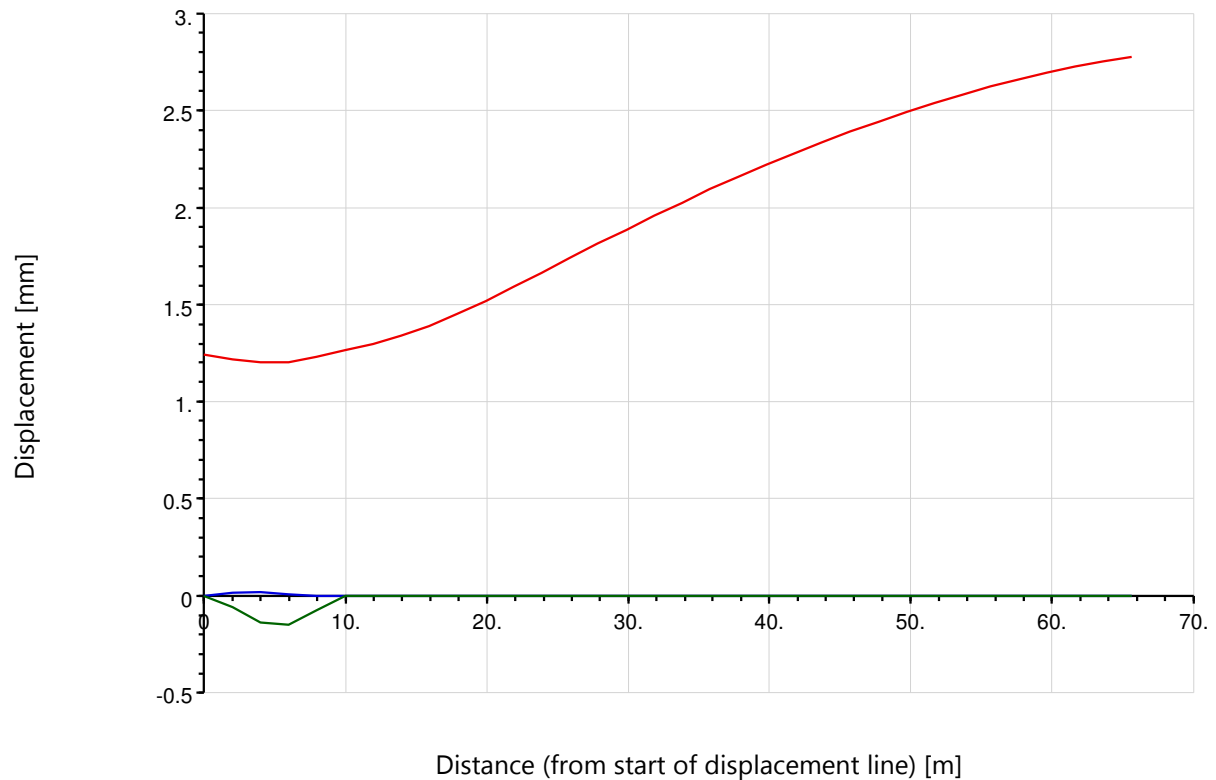
Building Damage Assessment

PLOT A (Results) + PLOT B&C DEMO+WALL INST+EXC+NEW LOAD (ST)

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y

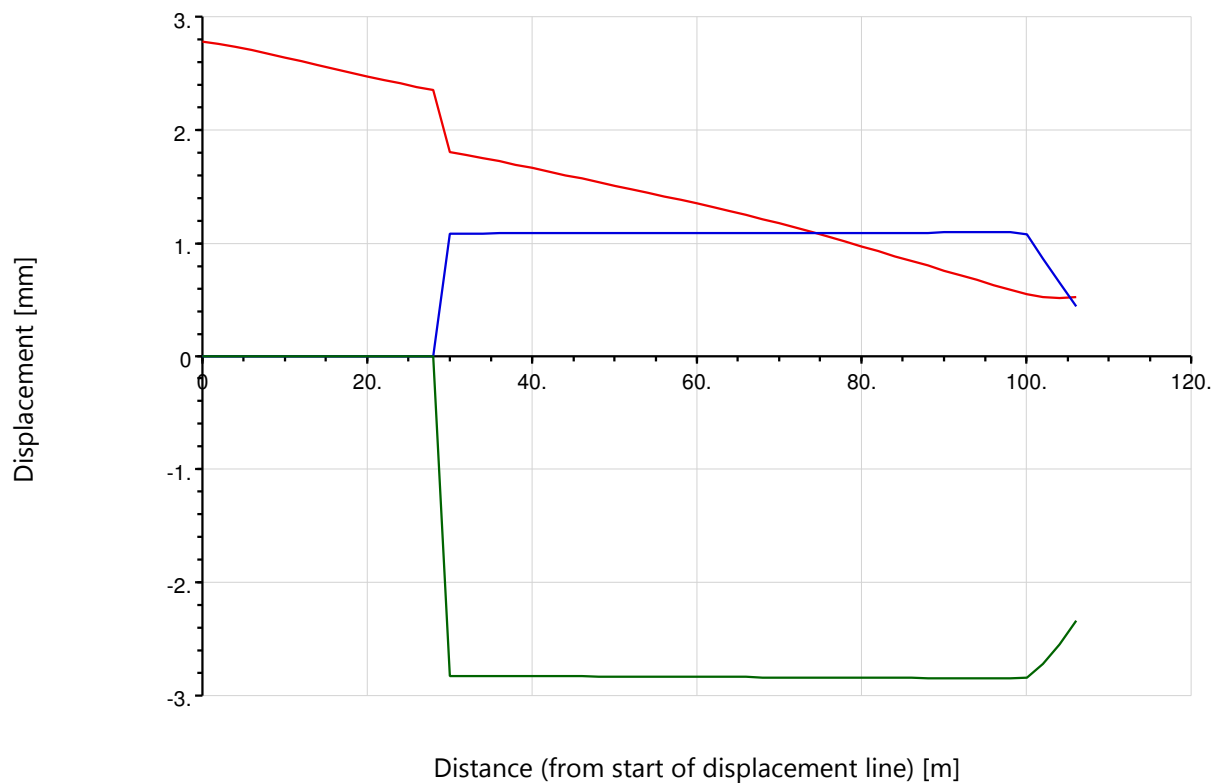


Job No.	Sheet No.	Rev.
371654		
Drg. Ref.		
Made by MK	Date 11-Aug-2020	Checked

Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

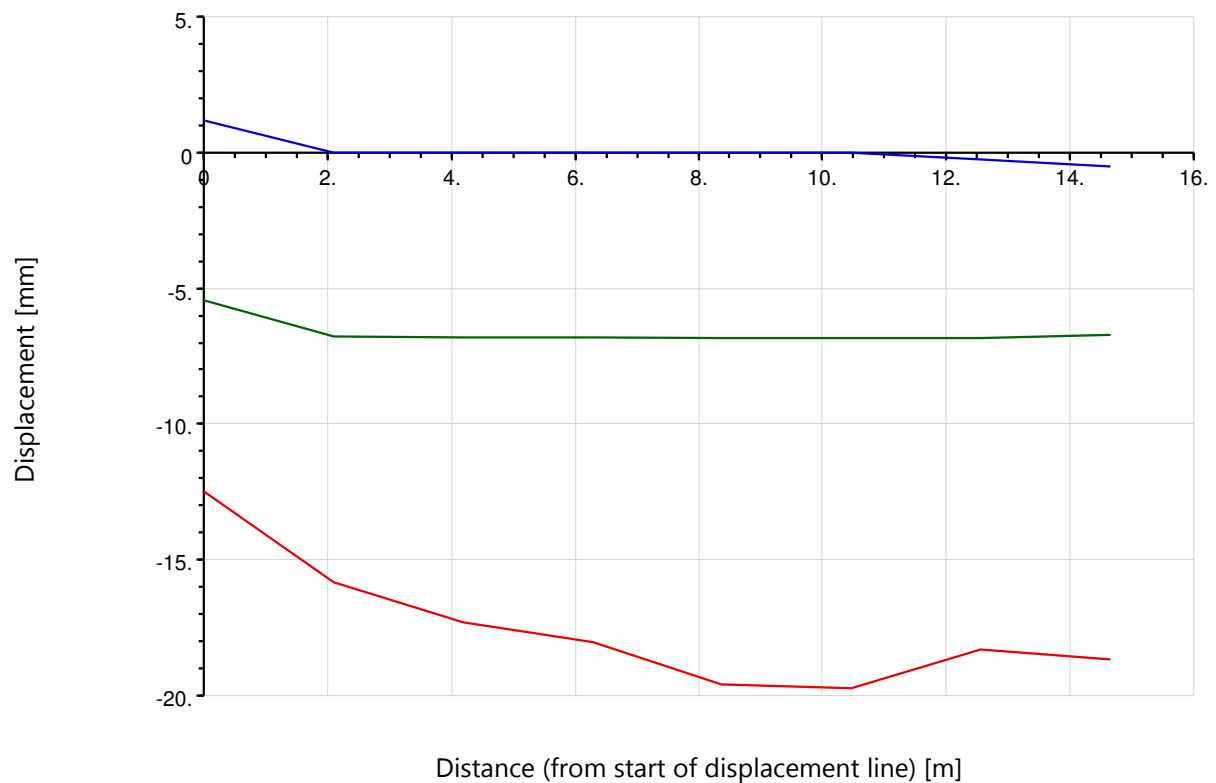
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 50: canal wall L1

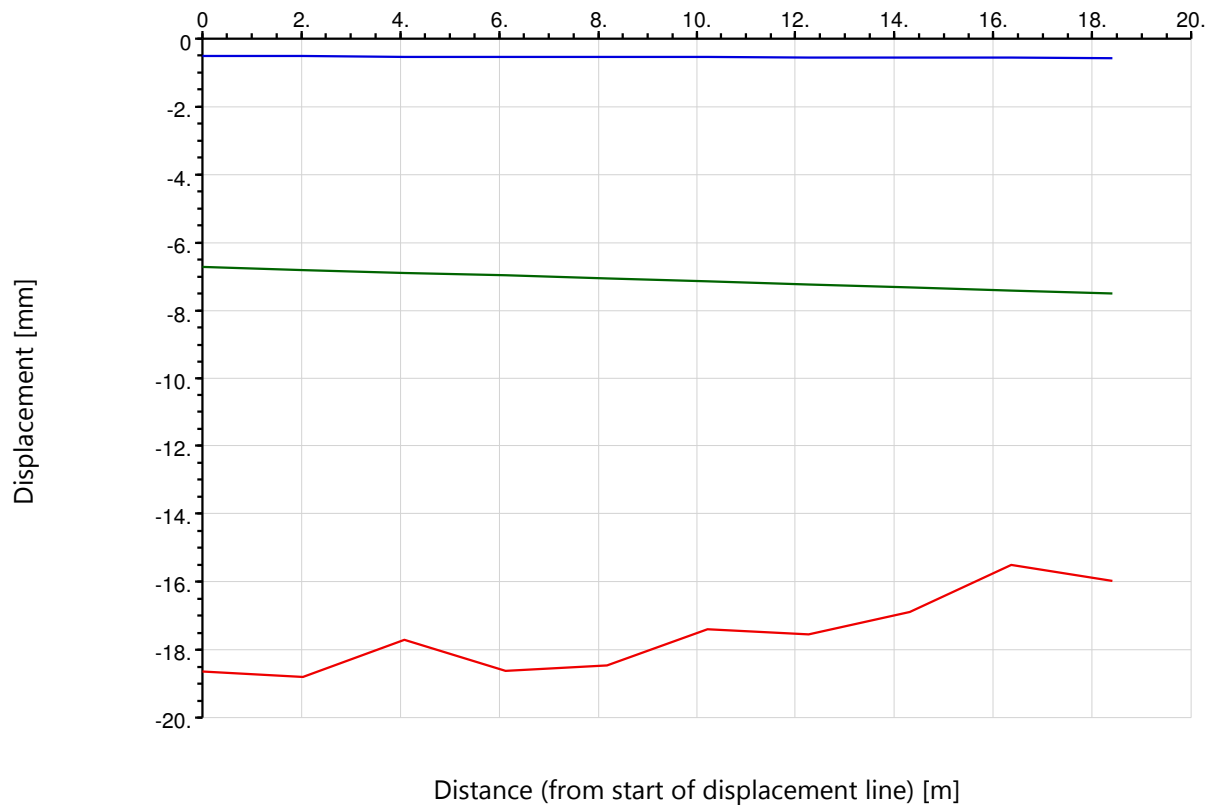
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 51: canal wall L2

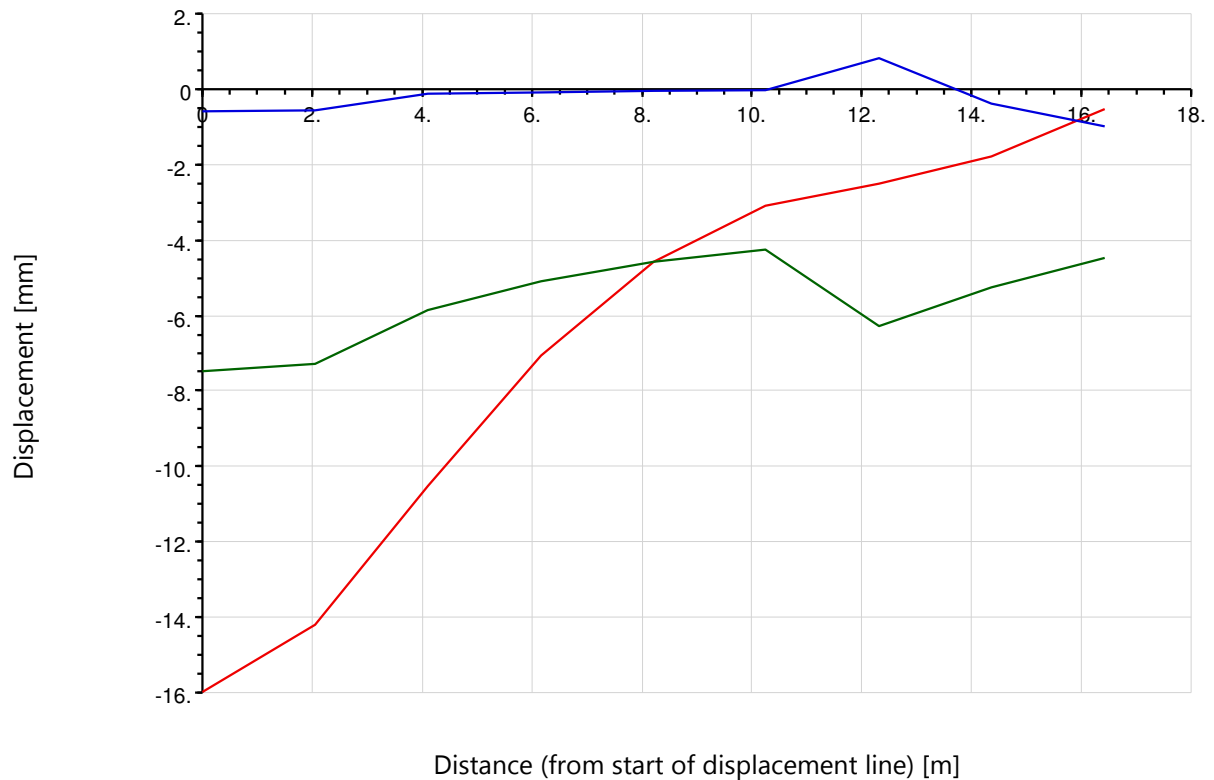
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 52: canal wall L3

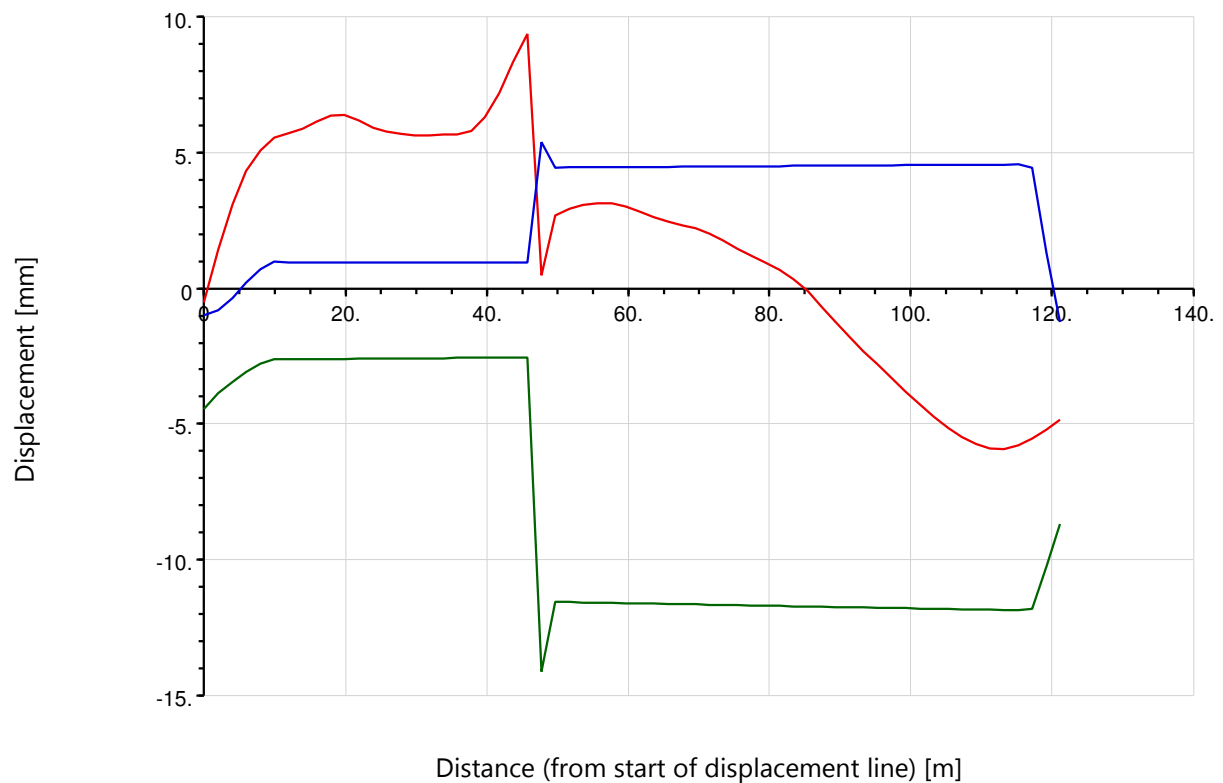
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 53: canal wall L4

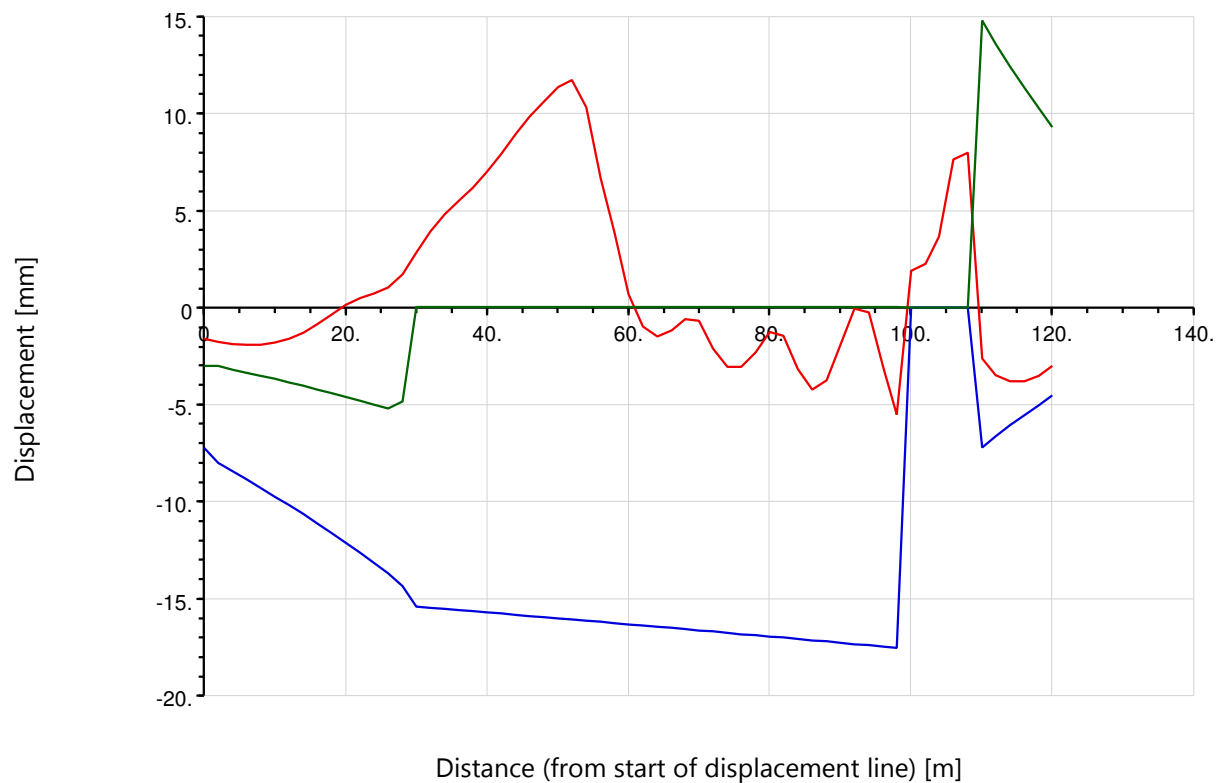
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 47: Rd_1

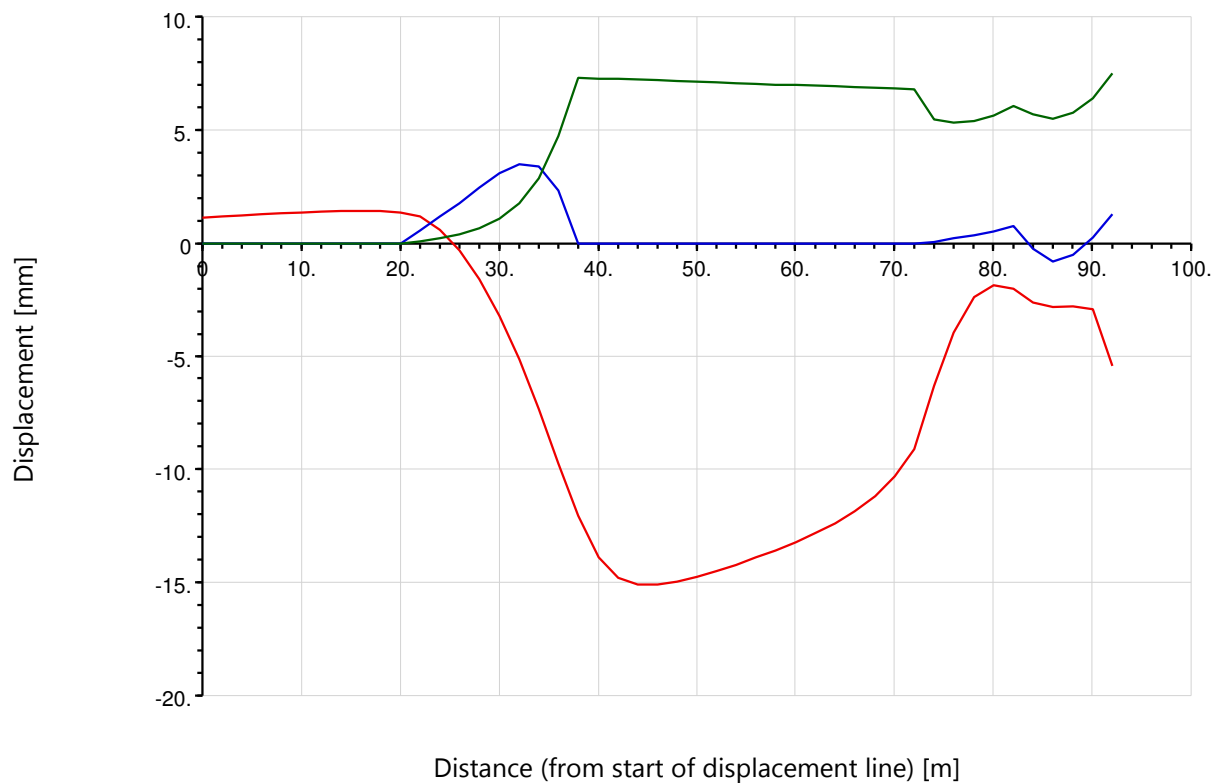
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 45: Rd_1

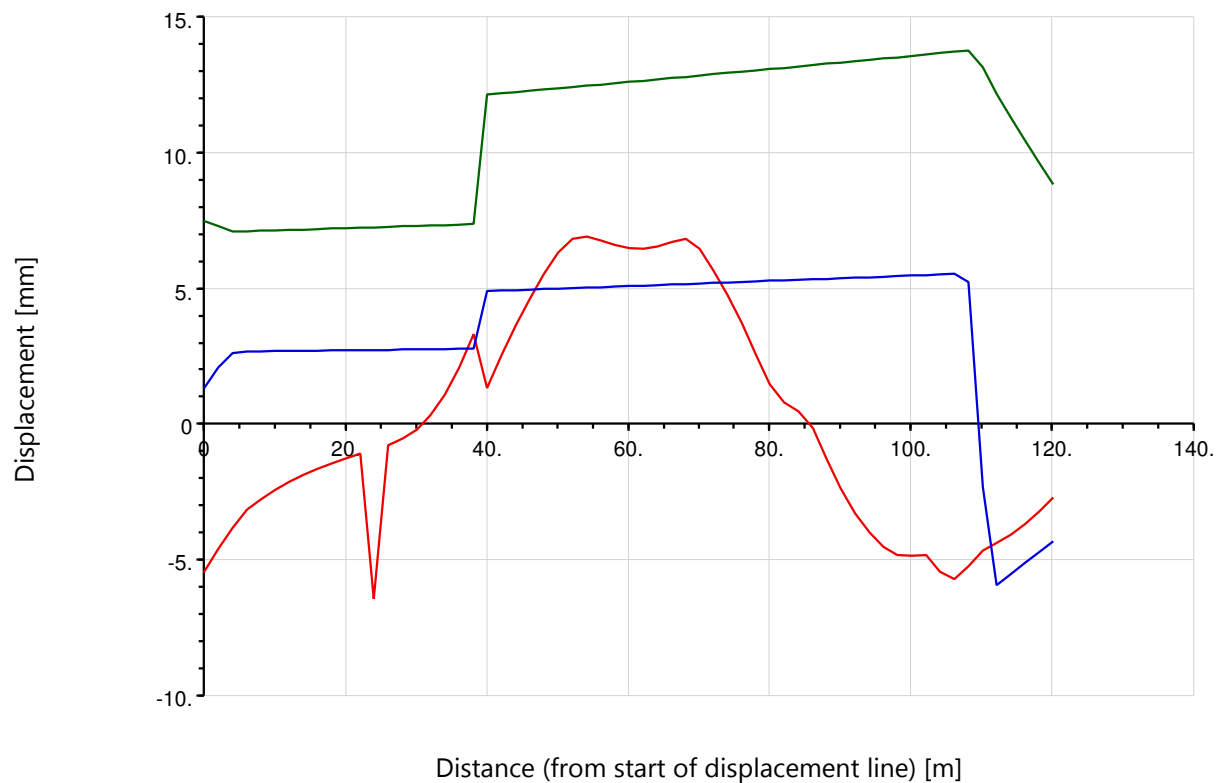
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 46: Rd_2

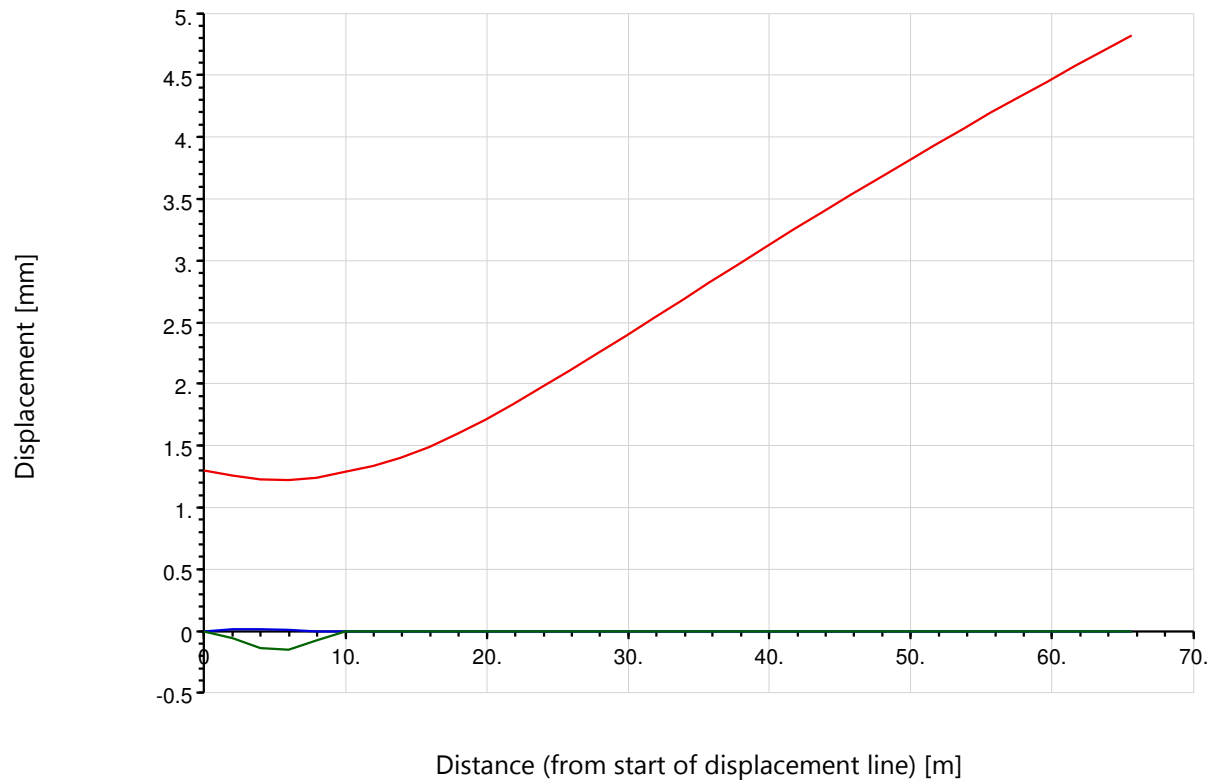
- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 48: RW_1

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y



Displacement Line - Displacement Chart

Stage: Base model, Displacement Line 49: RW_2

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y

