

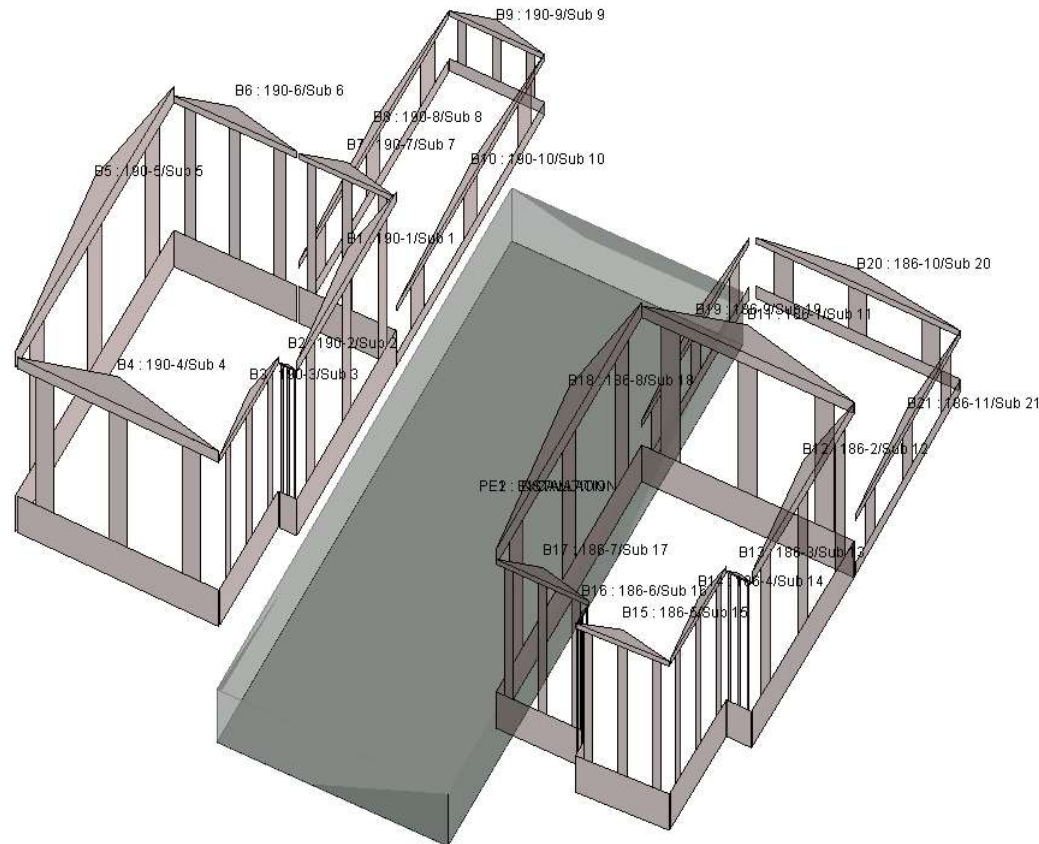
Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by CC	Date 23-Oct-2024	Checked Date

RAW RESULTS

Legend

 Excavation


 Building



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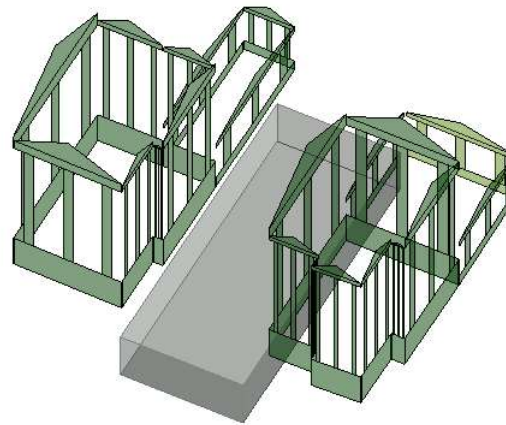
RAW RESULTS

Legend

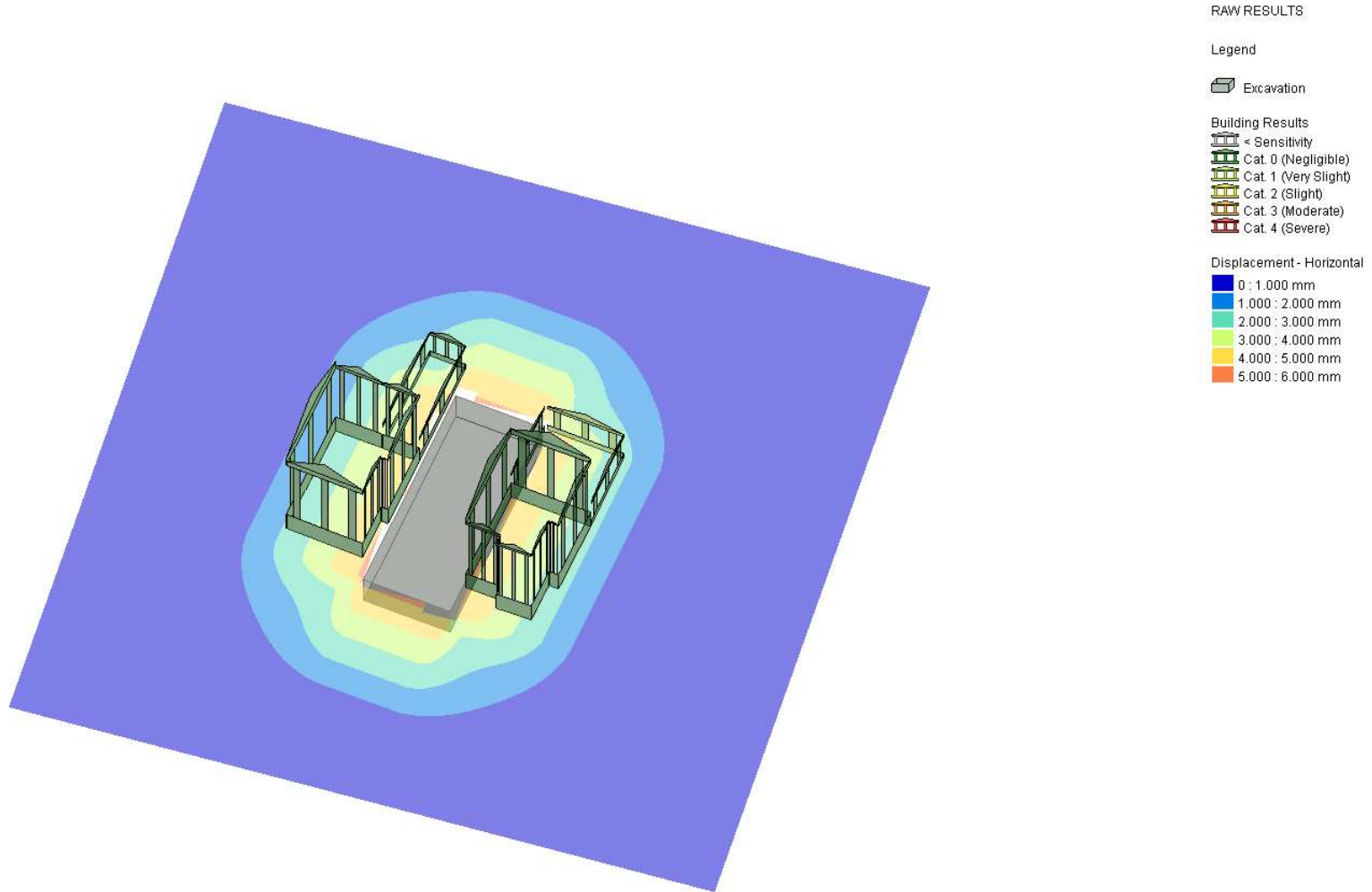
 Excavation

Building Results

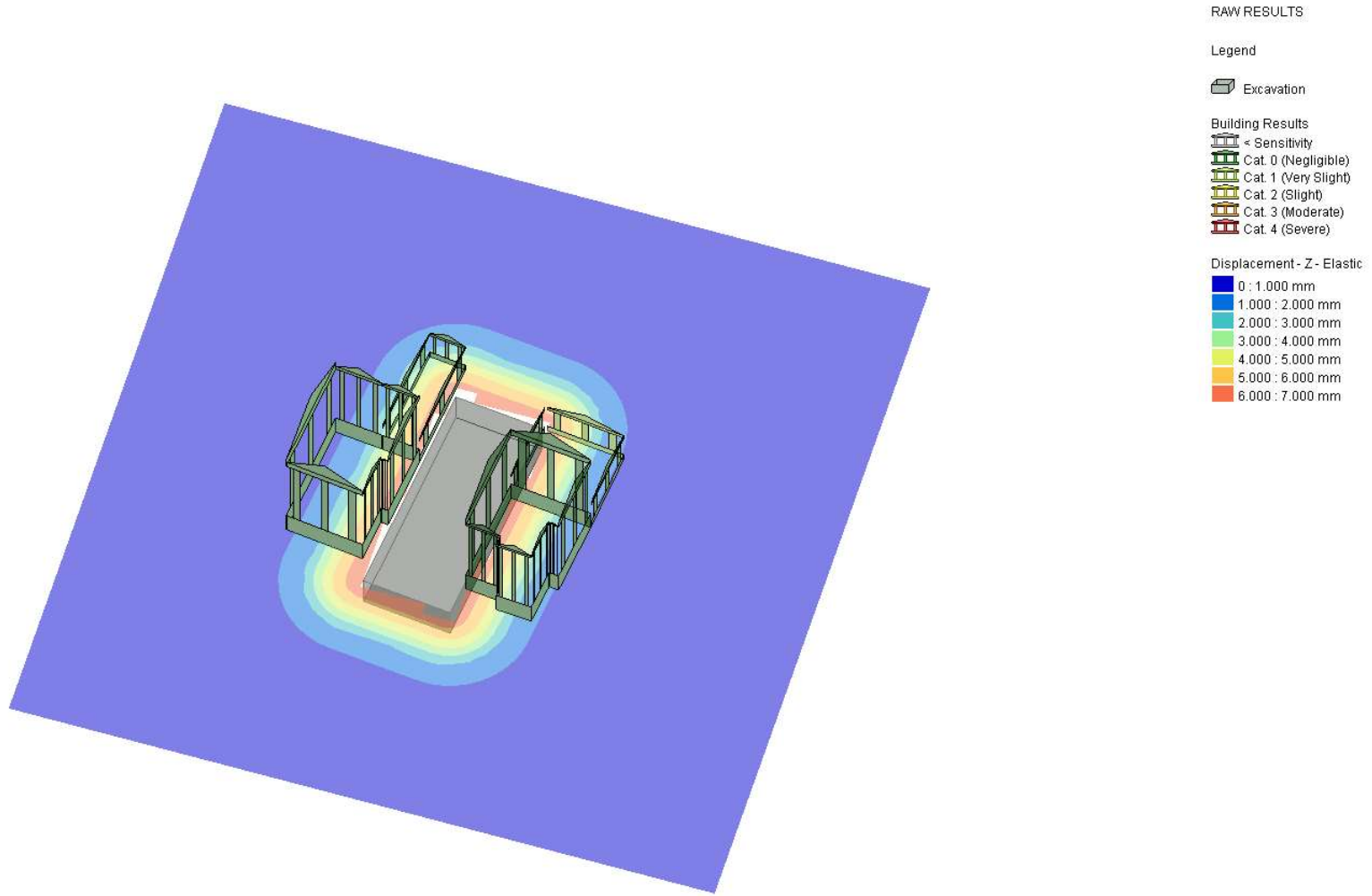
-  < Sensitivity
-  Cat. 0 (Negligible)
-  Cat. 1 (Very Slight)
-  Cat. 2 (Slight)
-  Cat. 3 (Moderate)
-  Cat. 4 (Severe)



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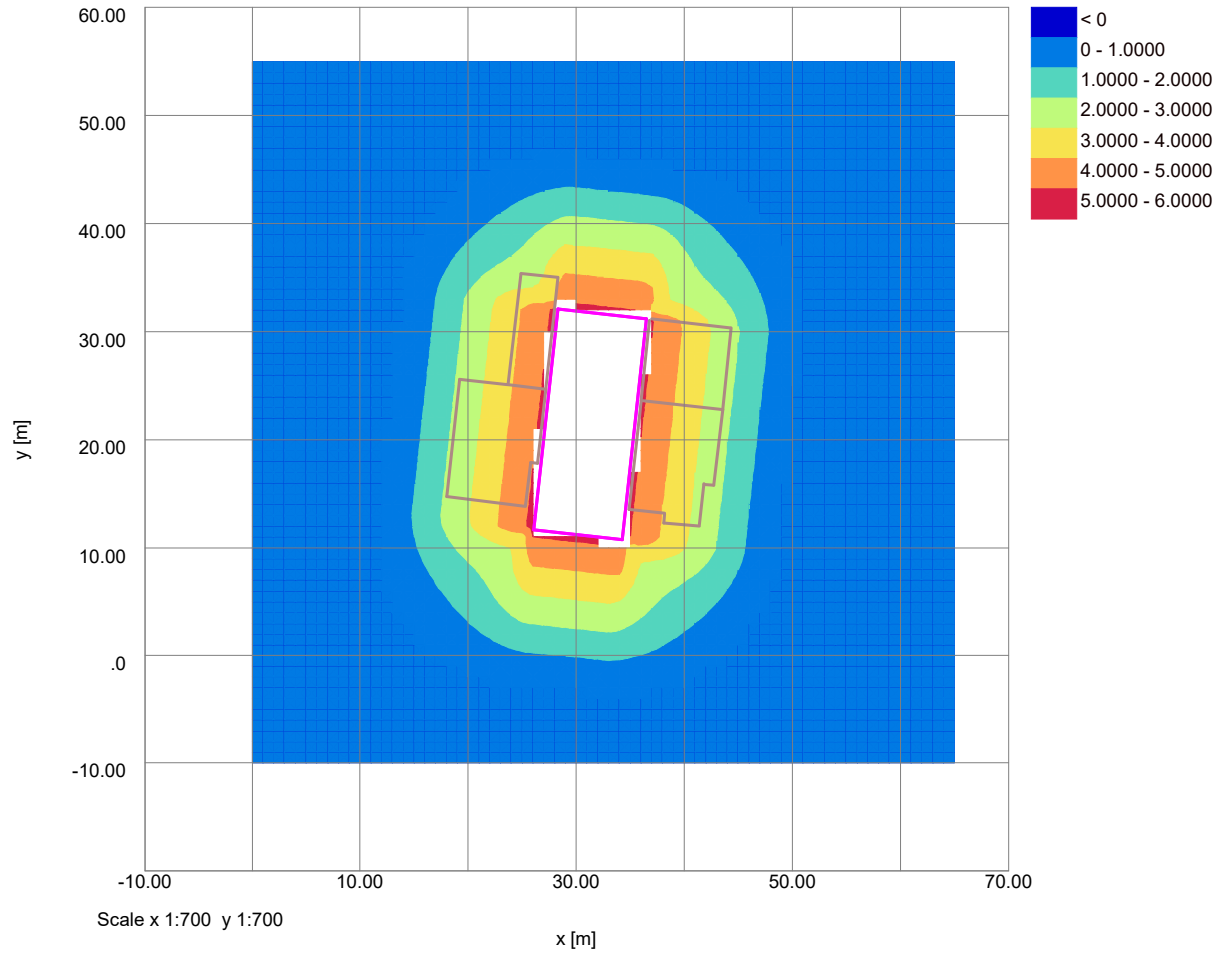


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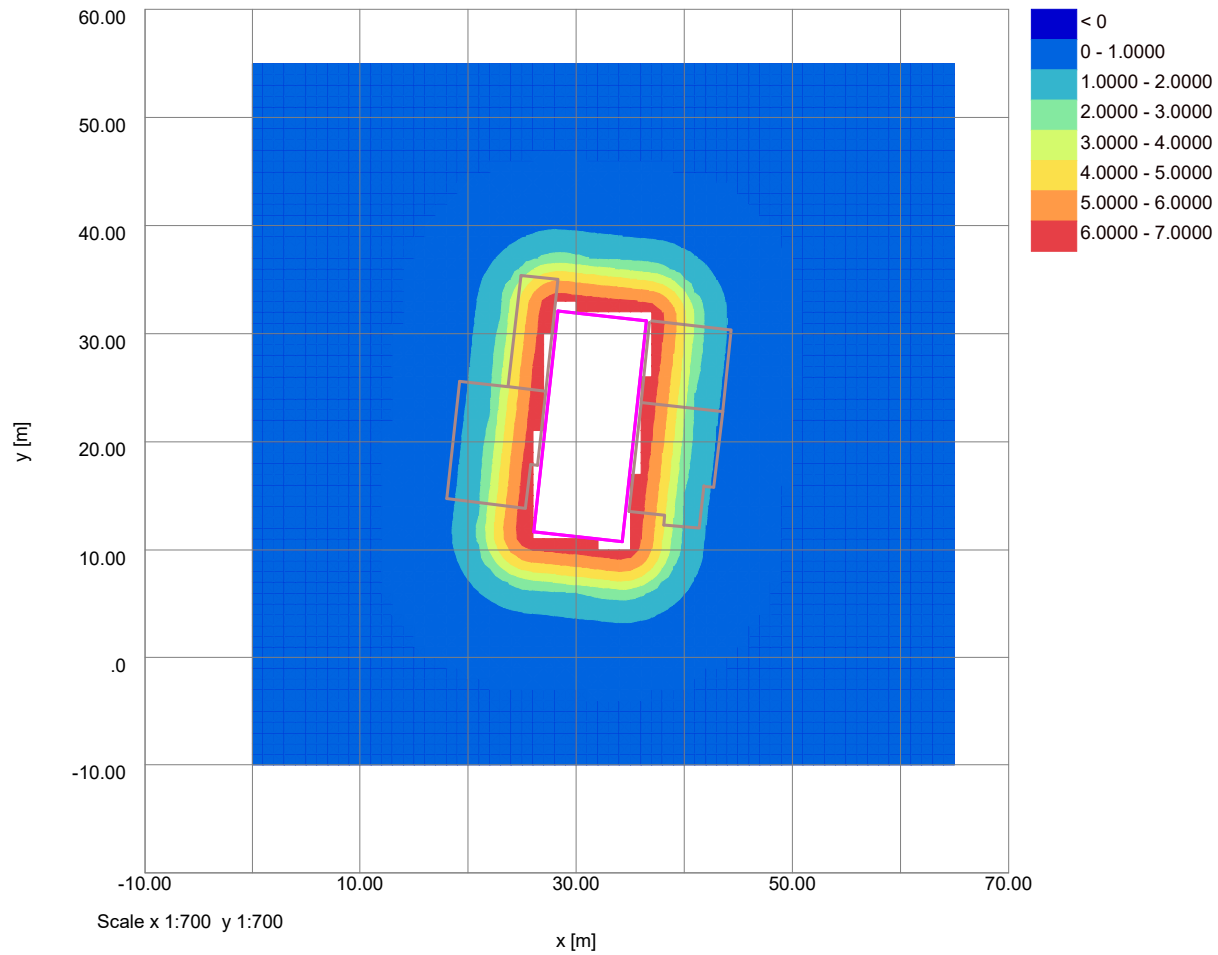
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Horizontal Displacement Contours: Grid 1 (level 100.000m) Interval 1mm



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Vertical Settlement Contours: Grid 1 (level 100.000m) (Interval 1mm)



Specific Building Damage Results - Critical Segments within Each Building

Stage Ref.	Stage Name	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]	Damage Category
0	Base Model	0	190-1	Max Slope	Sub 1	1	0.0	6.9000	None	20.835E-9	6.6066	35.763E-9	-	-	0 (Negligible)
				Max Settlement	Sub 1	1	0.0	6.9000	None	20.835E-9	6.6066	35.763E-9	-	-	0 (Negligible)
				Max Tensile Strain	Sub 1	1	0.0	6.9000	None	20.835E-9	6.6066	35.763E-9	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-2	Max Slope	Sub 2	1	0.0	0.60000	None	275.68E-6	6.6066	0.037500	-	-	0 (Negligible)
				Max Settlement	Sub 2	1	0.0	0.60000	None	275.68E-6	6.6066	0.037500	-	-	0 (Negligible)
				Max Tensile Strain	Sub 2	1	0.0	0.60000	None	275.68E-6	6.6066	0.037500	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-3	Max Slope	Sub 3	1	0.0	4.0000	None	2.9452E-6	6.4236	2.1100E-6	-	-	0 (Negligible)
				Max Settlement	Sub 3	1	0.0	4.0000	None	2.9452E-6	6.4236	2.1100E-6	-	-	0 (Negligible)
				Max Tensile Strain	Sub 3	1	0.0	4.0000	None	2.9452E-6	6.4236	2.1100E-6	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-4	Max Slope	Sub 4	1	0.0	2.9190	None	0.0013047	6.4117	0.040983	-	-	0 (Negligible)
				Max Settlement	Sub 4	1	0.0	2.9190	None	0.0013047	6.4117	0.040983	-	-	0 (Negligible)
				Max Tensile Strain	Sub 4	2	2.9190	7.3000	None	0.0013047	3.6878	0.047316	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-5	Max Slope	Sub 5	1	0.0	10.900	None	1.9509E-6	0.73370	1.8954E-6	-	-	0 (Negligible)
				Max Settlement	Sub 5	1	0.0	10.900	None	1.9509E-6	0.73370	1.8954E-6	-	-	0 (Negligible)
				Max Tensile Strain	Sub 5	1	0.0	10.900	None	1.9509E-6	0.73370	1.8954E-6	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-6	Max Slope	Sub 6	2	0.10685	4.4000	None	0.0013208	3.7294	0.045725	-	-	0 (Negligible)
				Max Settlement	Sub 6	2	0.10685	4.4000	None	0.0013208	3.7294	0.045725	-	-	0 (Negligible)
				Max Tensile Strain	Sub 6	2	0.10685	4.4000	None	0.0013208	3.7294	0.045725	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-7	Max Slope	Sub 7	1	0.0	3.4900	None	0.0011759	6.6030	0.043661	-	-	0 (Negligible)
				Max Settlement	Sub 7	1	0.0	3.4900	None	0.0011759	6.6030	0.043661	-	-	0 (Negligible)
				Max Tensile Strain	Sub 7	1	0.0	3.4900	None	0.0011759	6.6030	0.043661	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-8	Max Slope	Sub 8	1	0.0	10.300	None	718.61E-6	3.8971	0.0034154	-	-	0 (Negligible)
				Max Settlement	Sub 8	1	0.0	10.300	None	718.61E-6	3.8971	0.0034154	-	-	0 (Negligible)
				Max Tensile Strain	Sub 8	1	0.0	10.300	None	718.61E-6	3.8971	0.0034154	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-9	Max Slope	Sub 9	1	0.0	3.4000	None	0.0010025	4.8899	0.011666	-	-	0 (Negligible)
				Max Settlement	Sub 9	1	0.0	3.4000	None	0.0010025	4.8899	0.011666	-	-	0 (Negligible)
				Max Tensile Strain	Sub 9	1	0.0	3.4000	None	0.0010025	4.8899	0.011666	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	190-10	Max Slope	Sub 10	1	0.0	10.300	None	948.63E-6	6.6070	0.0080041	-	-	0 (Negligible)
				Max Settlement	Sub 10	1	0.0	10.300	None	948.63E-6	6.6070	0.0080041	-	-	0 (Negligible)
				Max Tensile Strain	Sub 10	1	0.0	10.300	None	948.63E-6	6.6070	0.0080041	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	186-1	Max Slope	Sub 11	1	0.0	3.5175	None	0.0012925	6.6067	0.043316	-	-	0 (Negligible)
				Max Settlement	Sub 11	1	0.0	3.5175	None	0.0012925	6.6067	0.043316	-	-	0 (Negligible)
				Max Tensile Strain	Sub 11	2	3.5175	7.2330	None	0.0012925	3.7987	0.045495	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	186-2	Max Slope	Sub 12	1	0.0	7.0000	None	3.3482E-6	0.86955	3.9697E-6	-	-	0 (Negligible)
				Max Settlement	Sub 12	1	0.0	7.0000	None	3.3482E-6	0.86955	3.9697E-6	-	-	0 (Negligible)
				Max Tensile Strain	Sub 12	1	0.0	7.0000	None	3.3482E-6	0.86955	3.9697E-6	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
		0	186-3	Max Slope	Sub 13	1	0.0	0.90000	None	369.99E-6	1.2028	0.037494	-	-	0 (Negligible)
				Max Settlement	Sub 13	1	0.0	0.90000	None	369.99E-6	1.2028	0.037494	-	-	0 (Negligible)
				Max Tensile Strain	Sub 13	1	0.0	0.90000	None	369.99E-6	1.2028	0.037494	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-



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Stage Ref.	Stage Name	Specific Building Ref.	Specific Building Name	Parameter	Critical Sub-Building	Critical Segment	Start	End	Curvature	Max Slope	Max Settlement	Max Tensile Strain	Min Radius of Curvature (Hogging)	Min Radius of Curvature (Sagging)	Damage Category
0		186-4		Max Slope	Sub 14	1	0.0	3.8000	None	4.9399E-6	1.2240	6.0439E-6	-	-	0 (Negligible)
				Max Settlement	Sub 14	1	0.0	3.8000	None	4.9399E-6	1.2240	6.0439E-6	-	-	0 (Negligible)
				Max Tensile Strain	Sub 14	1	0.0	3.8000	None	4.9399E-6	1.2240	6.0439E-6	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-5		Max Slope	Sub 15	2	0.41365	2.7699	None	0.0013553	3.3842	0.047098	-	-	0 (Negligible)
				Max Settlement	Sub 15	3	2.7699	3.3000	None	0.0012805	4.0632	0.037443	-	-	0 (Negligible)
				Max Tensile Strain	Sub 15	2	0.41365	2.7699	None	0.0013553	3.3842	0.047098	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-6		Max Slope	Sub 16	1	0.0	0.90000	None	1.0190E-6	4.0734	35.763E-9	-	-	0 (Negligible)
				Max Settlement	Sub 16	1	0.0	0.90000	None	1.0190E-6	4.0734	35.763E-9	-	-	0 (Negligible)
				Max Tensile Strain	Sub 16	1	0.0	0.90000	None	1.0190E-6	4.0734	35.763E-9	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-7		Max Slope	Sub 17	1	0.0	3.3000	None	0.0011425	6.6039	0.043200	-	-	0 (Negligible)
				Max Settlement	Sub 17	1	0.0	3.3000	None	0.0011425	6.6039	0.043200	-	-	0 (Negligible)
				Max Tensile Strain	Sub 17	1	0.0	3.3000	None	0.0011425	6.6039	0.043200	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-8		Max Slope	Sub 18	1	0.0	10.100	None	20.178E-9	6.6069	35.763E-9	-	-	0 (Negligible)
				Max Settlement	Sub 18	1	0.0	10.100	None	20.178E-9	6.6069	35.763E-9	-	-	0 (Negligible)
				Max Tensile Strain	Sub 18	1	0.0	10.100	None	20.178E-9	6.6069	35.763E-9	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-9		Max Slope	Sub 19	1	0.0	7.5000	None	97.733E-9	6.6067	107.29E-9	-	-	0 (Negligible)
				Max Settlement	Sub 19	1	0.0	7.5000	None	97.733E-9	6.6067	107.29E-9	-	-	0 (Negligible)
				Max Tensile Strain	Sub 19	1	0.0	7.5000	None	97.733E-9	6.6067	107.29E-9	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-10		Max Slope	Sub 20	1	0.0	3.3480	None	0.0012991	6.5776	0.050742	-	-	1 (Very Slight)
				Max Settlement	Sub 20	1	0.0	3.3480	None	0.0012991	6.5776	0.050742	-	-	1 (Very Slight)
				Max Tensile Strain	Sub 20	2	3.3480	6.9511	None	0.0012991	3.7817	0.057224	-	-	1 (Very Slight)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-
0		186-11		Max Slope	Sub 21	1	0.0	7.5000	None	3.8082E-6	0.87497	5.6863E-6	-	-	0 (Negligible)
				Max Settlement	Sub 21	1	0.0	7.5000	None	3.8082E-6	0.87497	5.6863E-6	-	-	0 (Negligible)
				Max Tensile Strain	Sub 21	1	0.0	7.5000	None	3.8082E-6	0.87497	5.6863E-6	-	-	0 (Negligible)
				Min Radius of Curvature (Hogging)	-	-	-	-	-	-	-	-	-	-	-
				Min Radius of Curvature (Sagging)	-	-	-	-	-	-	-	-	-	-	-