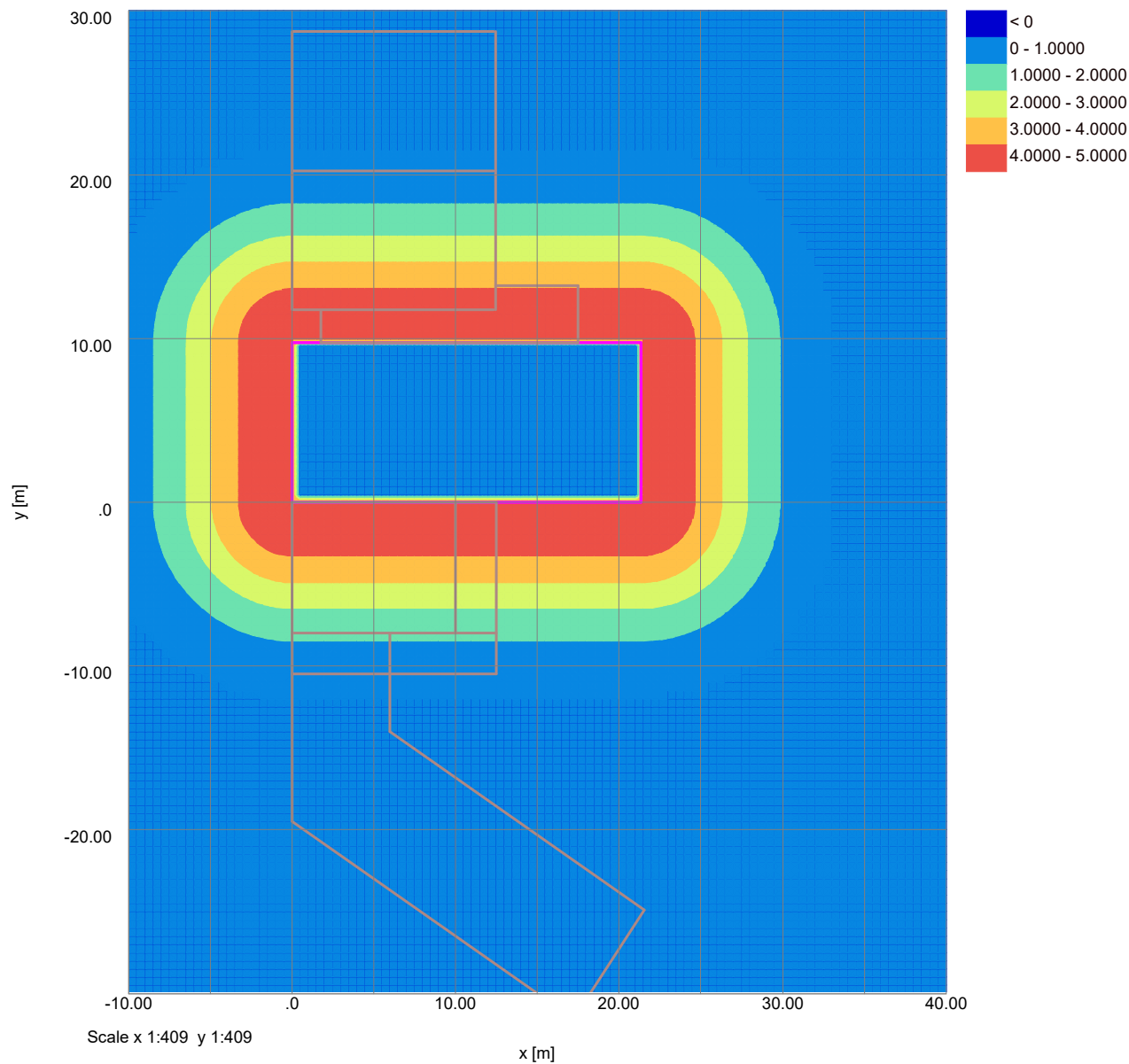
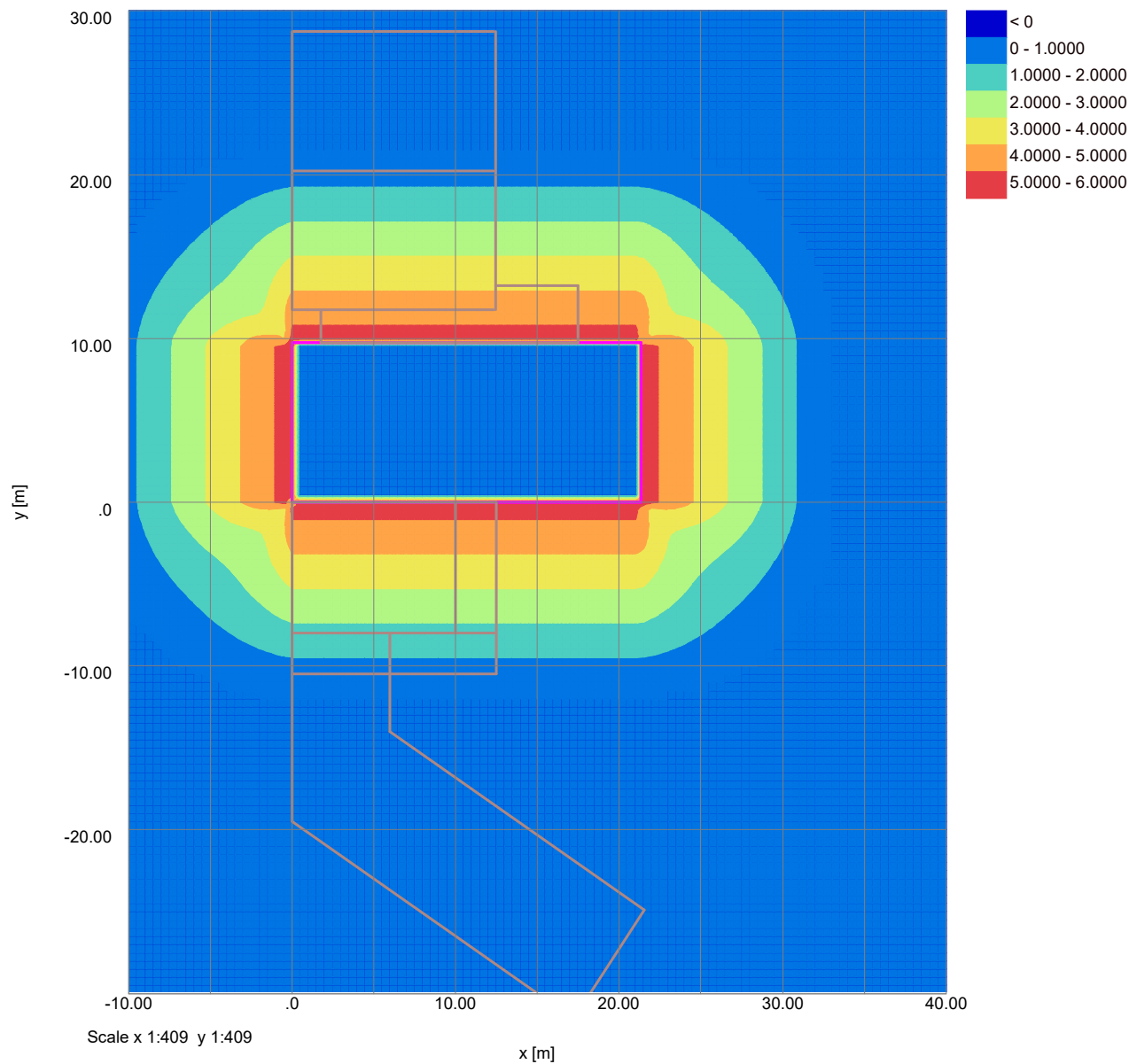


Vertical Settlement Contours: Grid 1 (level 79.000m) (Interval 1mm)



Horizontal Displacement Contours: Grid 1 (level 79.000m) Interval 1mm



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

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope [mm]	Max Settlement [%]	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]	Damage Category
0	Base Model	1	18 A	A	0.0	0.0	0.010000	249.98E-6	2.4000	0.010000	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		2	18 B	B	0.0	0.0	0.010000	249.98E-6	2.4000	0.010000	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		3	18 C	C	0.0	0.0	0.0	0.0	0.27500	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		4	18 D	D	0.0	0.0	0.0	0.0	2.4000	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		5	18 E	E	0.0	0.0	0.010000	-249.98E-6	2.8975	0.010000	-99.990E-6	-249.98E-6	-	-	0 (Negligible)
		6	18 F	F	0.0	0.0	0.0	0.0	2.9000	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		7	18 G	G	0.0	0.0	0.010000	249.98E-6	2.8975	0.010000	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		8	18 H	H	0.0	0.0	0.0	0.0	2.0250	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		9	20 A	A	0.0	0.0	0.0	249.98E-6	0.27250	35.763E-9	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		10	20 B	B	0.0	0.0	0.0	249.98E-6	0.27250	35.763E-9	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		12	14 A	A	0.0	3.0687E-6	0.010000	250.11E-6	2.9000	0.010000	452.59E-6	250.11E-6	-	-	0 (Negligible)
		13	14 B	B	0.0	0.0	0.010000	249.98E-6	2.9000	0.010000	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		14	14 C	C	0.0	0.0	0.0	0.0	2.9000	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		15	14 D	D	0.0	0.0	0.0	0.0	0.90000	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		16	14 E	E	0.0	0.0	0.0	0.0	0.27500	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		17	14 F	F	0.0	0.0	0.0	0.0	2.9000	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		18	14 G	G	0.0	0.0	0.010000	249.98E-6	2.9000	0.010000	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		19	14 H	H	0.0	0.0	0.0	0.0	0.90000	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		20	12 A	A	0.0	0.0	0.010000	249.98E-6	0.89750	0.010000	-99.990E-6	249.98E-6	-	-	0 (Negligible)
		21	12 B	B	0.0	0.0	0.0	0.0	0.27500	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		22	12 C	C	0.0	0.0	0.0	249.98E-6	0.27500	35.763E-9	-99.990E-6	249.98E-6	-	-	0 (Negligible)



16 Pilgrims Lane

Installation and excavation movements

Tabular output

Job No.	Sheet No.	Rev.
J22352		
Drg. Ref.		
Made by AG	Date 20-Jan-2023	Checked Date

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

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Deflection Ratio [%]	Average Horizontal Strain [%]	Max Slope [mm]	Max Settlement [%]	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]	Damage Category
0	Base Model	1	18 A	A	0.0	0.0055086	0.047500	650.62E-6	4.5120	0.053334	-474.77E-6	650.62E-6	-	-	1 (Very Slight)
		2	18 B	B	0.0	0.0055086	0.047500	650.62E-6	4.5120	0.053334	-474.77E-6	650.62E-6	-	-	1 (Very Slight)
		3	18 C	C	0.0	0.0	0.0	0.0	0.33183	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		4	18 D	D	0.0	0.0	0.0	0.0	4.5120	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		5	18 E	E	0.0	0.012366	0.047500	489.78E-6	4.5238	0.056985	-474.77E-6	489.78E-6	-	-	1 (Very Slight)
		6	18 F	F	0.0	0.0	0.0	0.0	4.0307	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		7	18 G	G	0.0	0.016041	0.047500	448.94E-6	4.5526	0.066419	-474.77E-6	448.94E-6	-	-	1 (Very Slight)
		8	18 H	H	0.0	0.0	0.0	0.0	3.8993	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		9	20 A	A	0.0	0.0	0.0	298.62E-6	0.32896	35.763E-9	-474.77E-6	298.62E-6	-	-	0 (Negligible)
		10	20 B	B	0.0	0.0	0.0	298.62E-6	0.32896	35.763E-9	-474.77E-6	298.62E-6	-	-	0 (Negligible)
		12	14 A	A	0.0	0.018155	0.047500	652.57E-6	4.5329	0.053352	0.0021534	652.57E-6	-	-	1 (Very Slight)
		13	14 B	B	0.0	0.018097	0.047500	649.64E-6	4.5233	0.066578	-474.77E-6	649.64E-6	-	-	1 (Very Slight)
		14	14 C	C	0.0	0.0	0.0	0.0	4.0307	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		15	14 D	D	0.0	0.0	0.0	0.0	1.2101	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		16	14 E	E	0.0	0.0	0.0	0.0	0.33183	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		17	14 F	F	0.0	0.0	0.0	0.0	4.0307	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		18	14 G	G	0.0	0.018146	0.047500	652.57E-6	4.5319	0.073508	-474.77E-6	652.57E-6	-	-	1 (Very Slight)
		19	14 H	H	0.0	0.0	0.0	0.0	1.2101	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		20	12 A	A	0.0	0.0021627	0.047500	405.15E-6	1.2056	0.048954	-474.77E-6	405.15E-6	-	-	0 (Negligible)
		21	12 B	B	0.0	0.0	0.0	0.0	0.33183	35.763E-9	0.0	0.0	-	-	0 (Negligible)
		22	12 C	C	0.0	0.0	0.0	296.77E-6	0.33183	35.763E-9	-474.77E-6	296.77E-6	-	-	0 (Negligible)



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