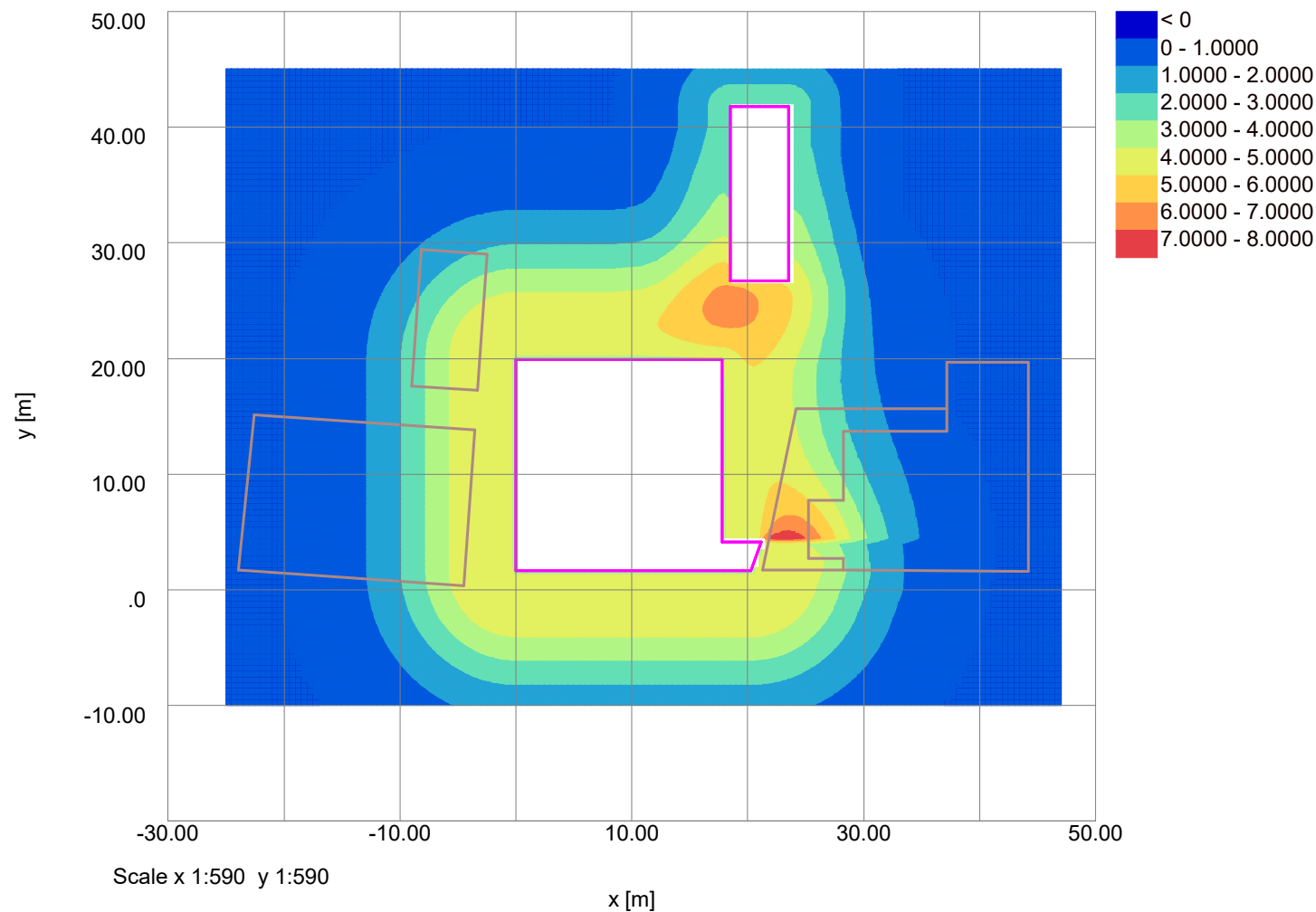


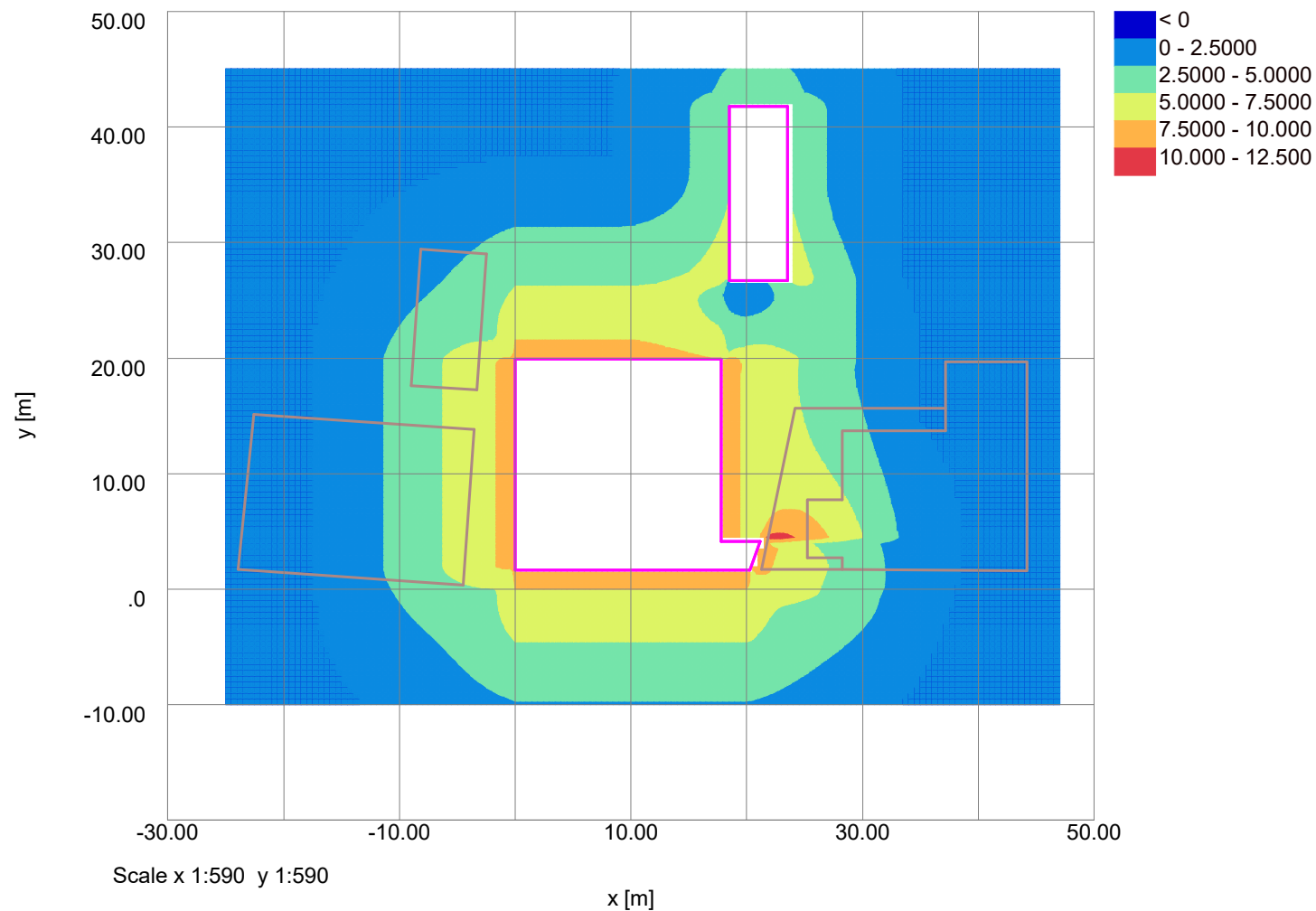
Job No.	Sheet No.	Rev.
J23243		
Drg. Ref.		
Made by AG	Date 05-Dec-2023	Checked Date

Vertical Settlement Contours: Grid 1 (level 99.200m) (Interval 1mm)

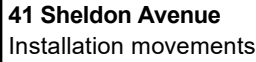


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Horizontal Displacement Contours: Grid 1 (level 99.200m) Interval 2.5mm



Oasys 41 Sheldon Avenue Installation movements												Job No.	Sheet No.	Rev.
												J23243		
												Drg. Ref.		
												Made by AG	Date 22-Feb-2024	Checked Date
Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building														
Stage: Name	Specific	Specific	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max	Max	Max	Max	Max
Min Radius	Radius	Damage Category												
Ref.	Building:	Building:	Name	Offset from	Ratio	Horizontal		Settlement	Tensile	Horizontal	Vertical			
of	of			Line for		Strain			Strain	Displacement	Displacement			
Curvature	Curvature			Vertical										
(Hogging)	(Sagging)													
		Ref.	Name											
				Movement										
				Calculations										
				[m]	[%]	[%]		[mm]	[%]					
[m]	[m]													
0	Base Model	1	43	A	0.0	0.020310	-0.016868	-543.09E-6	2.4865	0.014065	386.52E-6	-543.09E-6		
-	- 0 (Negligible)	2	43	B	0.0	886.03E-6	0.0077051	137.89E-6	1.4657	0.0088891	-125.62E-6	137.89E-6		
-	- 0 (Negligible)	3	43	C	0.0	0.0	0.0	30.698E-6	0.13573	35.763E-9	0.0	30.698E-6		
-	- 0 (Negligible)	6	43	F	0.0	351.28E-6	0.0064072	-117.25E-6	1.2408	0.0069382	-120.66E-6	-117.25E-6		
-	- 0 (Negligible)	7	43	G	0.0	90.138E-6	0.014676	-101.62E-6	1.9093	0.014813	-178.91E-6	-101.62E-6		
-	- 0 (Negligible)	8	43	H	0.0	0.029143	-0.0055426	-0.0010528	2.4332	0.026943	58.034E-6	-0.0010528		
-	- 0 (Negligible)	9	43	I	0.0	846.39E-6	0.013169	107.06E-6	1.8991	0.013765	-139.65E-6	107.06E-6		
-	- 0 (Negligible)	10	43	J	0.0	635.36E-6	-0.0017245	92.854E-6	1.6475	463.38E-6	23.296E-6	92.854E-6		
-	- 0 (Negligible)	11	43	K	0.0	657.03E-6	0.0055367	142.41E-6	1.2192	0.0064895	-108.19E-6	142.41E-6		
-	- 0 (Negligible)	12	39	A	0.0	119.93E-6	-0.0013125	-23.965E-6	1.6440	264.54E-6	139.97E-6	-23.965E-6		
-	- 0 (Negligible)	13	39	B	0.0	188.32E-9	0.0094026	99.760E-6	1.6420	0.0094029	-163.62E-6	99.760E-6		
-	- 0 (Negligible)	15	39	D	0.0	51.098E-6	0.0069151	-99.654E-6	1.5296	0.0069927	-96.048E-6	-99.654E-6		
-	- 0 (Negligible)	16	39	E	0.0	0.0017456	-0.0045707	93.686E-6	1.6864	997.82E-6	288.19E-6	93.686E-6		
-	- 0 (Negligible)	17	39	F	0.0	458.41E-6	224.73E-6	68.295E-6	1.0558	849.97E-6	-20.346E-6	68.295E-6		
-	- 0 (Negligible)	18	39	G	0.0	0.0011981	-0.0013239	-68.973E-6	1.1179	452.58E-6	44.599E-6	-68.973E-6		
-	- 0 (Negligible)	19	39	H	0.0	75.717E-9	0.014045	-99.750E-6	1.6660	0.014046	-167.04E-6	-99.750E-6		
-	- 0 (Negligible)	20	43	M	0.0	0.0	-684.95E-6	61.901E-6	1.2458	137.01E-6	6.8495E-6	61.901E-6		



Stage: Min	Stage: Radius	Name Specific	Specific Damage Category	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max Gradient	Max Gradient of
Ref.	of	Building:	Building:	Name	Offset from	Ratio	Horizontal		Settlement	Tensile	Horizontal	Vertical
-	- 0 (Negligible)											
-	- 0 (Negligible)	21	43	L	0.0	526.28E-6	0.014875	-141.73E-6	1.5590	0.015248	-171.32E-6	-141.73E-6

[m]

[m]

[m]

[%]

[8]

[mm]

[%]



41 Sheldon Avenue
Installation and excavation movements

Job No.	Sheet No.	Rev.
J23243		
Drg. Ref.		
Made by AG	Date 05-Dec-2023	Checked Date

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

Stage:	Stage: Name	Specific	Specific	Sub-building	Vertical	Deflection	Average	Max Slope	Max	Max	Max Gradient of	Max Gradient of
Min Radius	Min Radius	Damage	Damage									
Ref.	Ref.	Building:	Building:	Name	Offset from	Ratio	Horizontal		Settlement	Tensile	Horizontal	Vertical
of	of				Line for		Strain			Strain	Displacement	Displacement
Curvature	Curvature				Vertical						Curve	Curve
(Hogging)	(Sagging)				Movement							
					Calculations							
[m]	[m]				[m]	[%]	[%]		[mm]	[%]		
0	Base Model 1	43	A		0.0	0.059928	-0.058977	-0.0024788	6.6869	0.040563	0.0018281	-0.0024788
-	- 0 (Negligible)	43	B		0.0	0.0053304	0.044382	480.01E-6	3.8603	0.051066	-534.45E-6	480.01E-6
-	- 1 (Very Slight)	43	C		0.0	0.0	0.0	30.698E-6	0.13573	35.763E-9	0.0	30.698E-6
-	- 0 (Negligible)	43	F		0.0	0.0066075	0.037705	-530.37E-6	3.1310	0.047693	-516.77E-6	-530.37E-6
-	- 0 (Negligible)	43	G		0.0	0.012709	0.048244	-494.22E-6	4.8397	0.067545	-511.44E-6	-494.22E-6
-	- 1 (Very Slight)	43	H		0.0	0.073517	-0.026204	-0.0025824	6.6088	0.065158	274.49E-6	-0.0025824
214.05	- 1 (Very Slight)	43	I		0.0	0.0022159	0.049433	570.16E-6	5.0065	0.050992	-572.52E-6	570.16E-6
-	- 1 (Very Slight)	43	J		0.0	0.0025252	-0.0092375	292.93E-6	3.4496	0.0022052	120.64E-6	292.93E-6
-	- 0 (Negligible)	43	K		0.0	0.0032528	0.041901	384.29E-6	2.1690	0.046583	-566.52E-6	384.29E-6
-	- 0 (Negligible)	39	A		0.0	462.38E-6	-0.0068813	-81.392E-6	4.7628	0.0013821	722.70E-6	-81.392E-6
-	- 0 (Negligible)	39	B		0.0	0.0062791	0.051965	504.66E-6	4.7592	0.055315	-536.56E-6	504.66E-6
-	- 1 (Very Slight)	39	D		0.0	0.0061429	0.034440	-493.95E-6	4.4472	0.043695	-430.70E-6	-493.95E-6
-	- 0 (Negligible)	39	E		0.0	0.0083895	-0.035472	463.55E-6	4.8219	0.025301	0.0013842	463.55E-6
-	- 0 (Negligible)	39	F		0.0	725.88E-6	-0.0086502	212.45E-6	2.2016	0.0044831	144.11E-6	212.45E-6
-	- 0 (Negligible)	39	G		0.0	0.0042631	-0.015337	-216.52E-6	2.4943	0.0037704	284.46E-6	-216.52E-6
-	- 0 (Negligible)	39	H		0.0	0.0046193	0.052026	-507.18E-6	4.7979	0.057480	-540.00E-6	-507.18E-6
-	- 1 (Very Slight)	43	M		0.0	0.0	-0.0060503	94.152E-6	3.1534	0.0012100	60.507E-6	94.152E-6

[illegible]

Calculations

[m]

[%]

[%]

[mm]

[%]

[m]

[m]



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