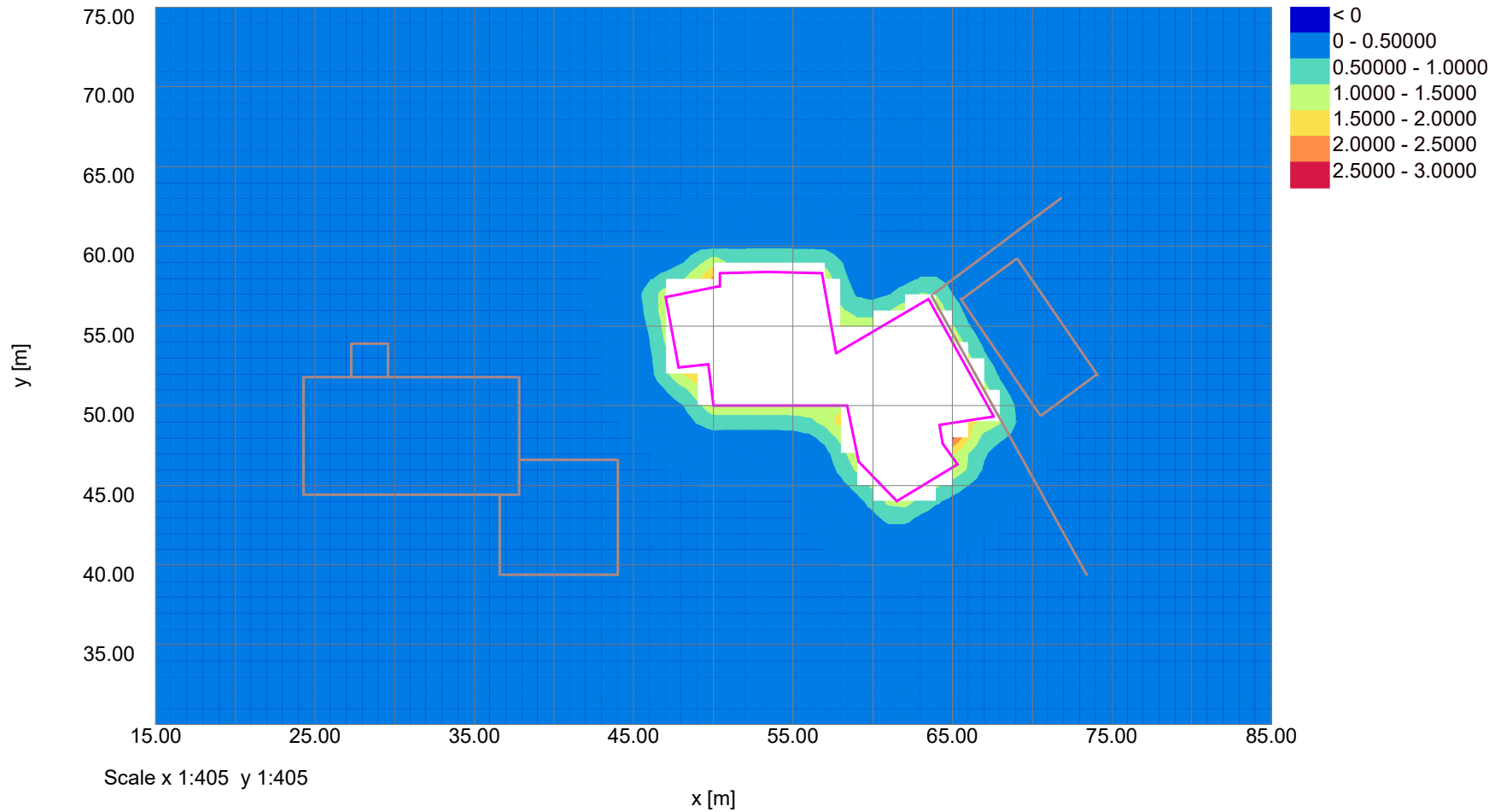


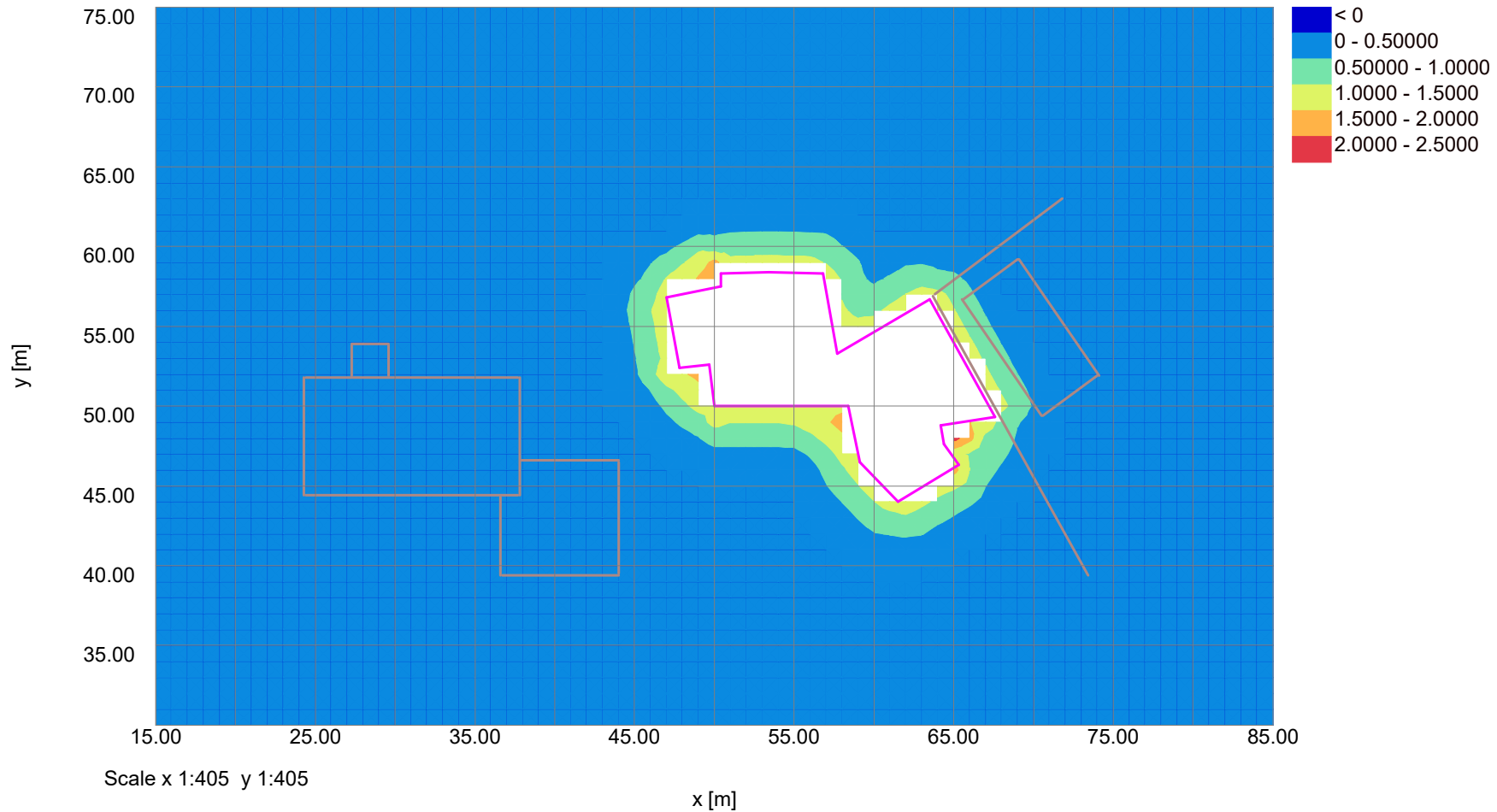
Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	02-May-2024	

Vertical Settlement Contours: Grid 1 (level 100.000m) (Interval 0.5mm)



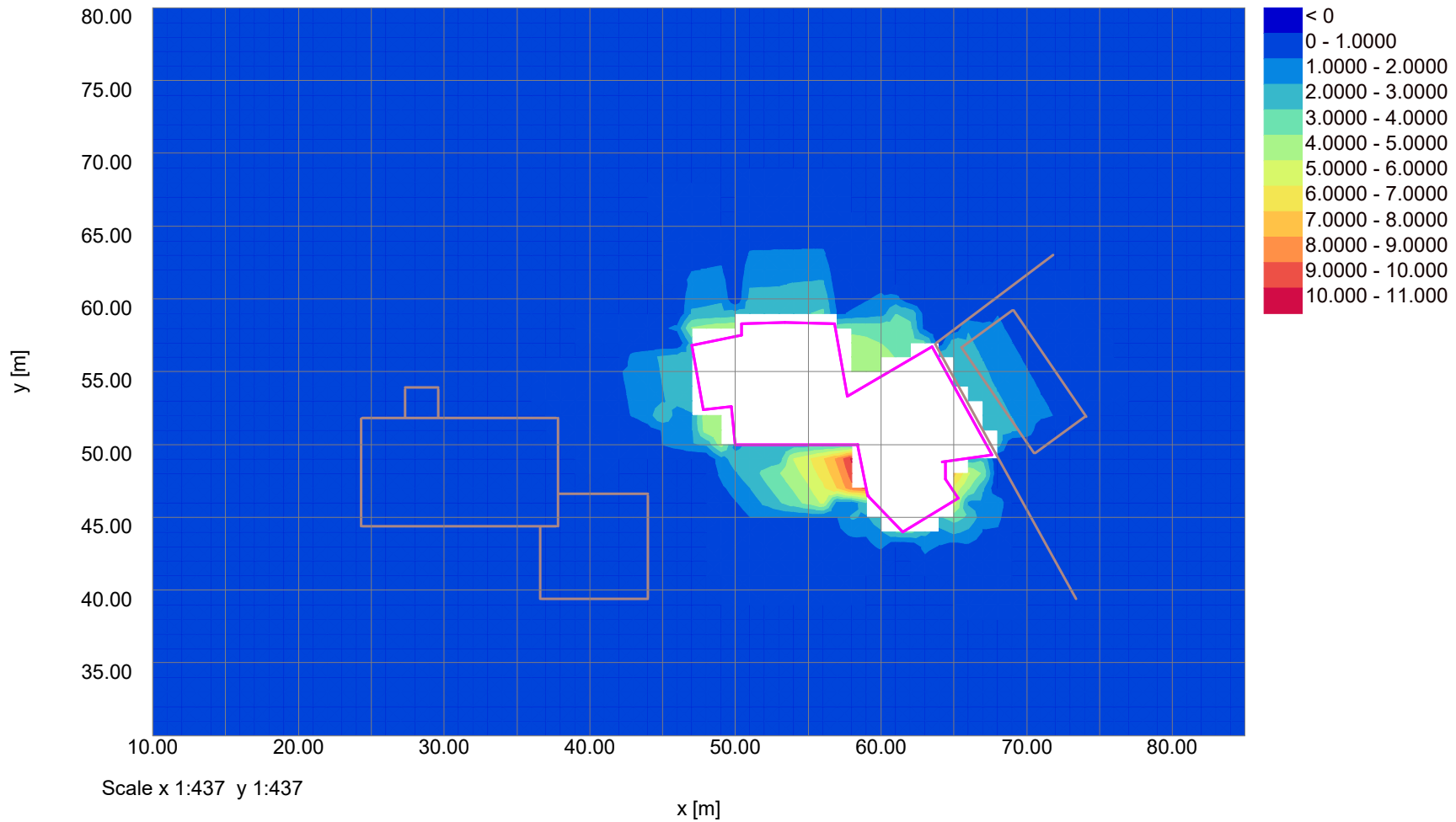
Job No.	Sheet No.	Rev.
Drg. Ref.		
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	02-May-2024	

Horizontal Displacement Contours: Grid 1 (level 100.000m) Interval 0.5mm



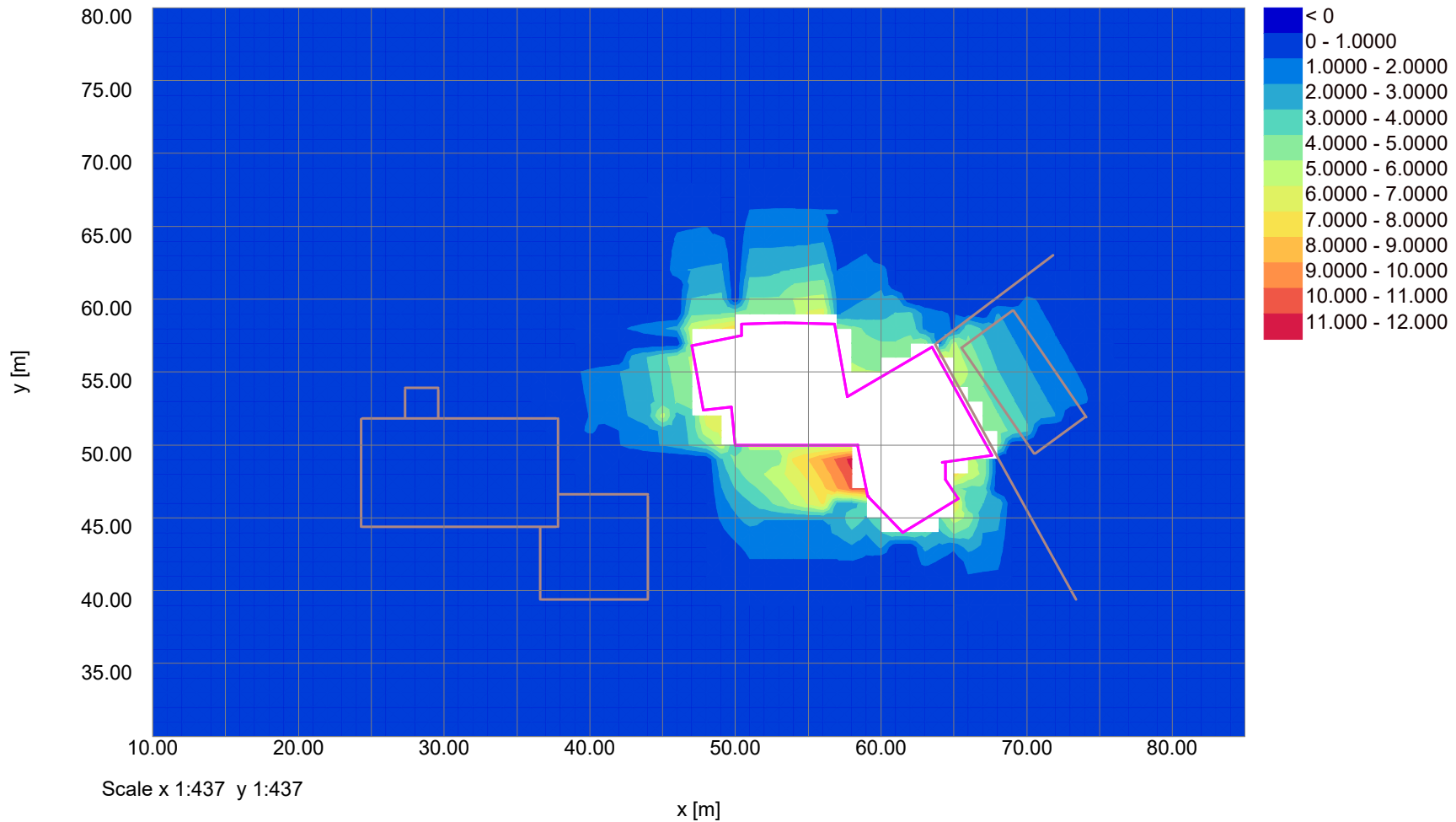
Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Vertical Settlement Contours: Grid 1 (level 68.240m) (Interval 1mm)



Job No.	Sheet No.	Rev.
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Horizontal Displacement Contours: Grid 1 (level 68.240m) Interval 1mm



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Titles

Job No.:
Job Title:
Sub-title:
Calculation Heading:
Initials:
Checker:
Date Saved: 30-Sep-2024
Date Checked:
Notes:
File Name: XDisp1 - Complete Construction - No Import.xdd
File Path: G:\PROJECTS\2023\J23301 - 14a Keats Grove\GMA Rev 2

History

Date	Time	By	Notes
23-Nov-2023	13:28	Alex Taylor	New
23-Nov-2023	15:48	Alex Taylor	
23-Nov-2023	20:44	Alex Taylor	
02-May-2024	12:45	Alex Taylor	
20-Aug-2024	15:03	Alex Taylor	
21-Aug-2024	13:14	Alex Taylor	
21-Aug-2024	13:48	Alex Taylor	
30-Sep-2024	09:56	Alex Taylor	
30-Sep-2024	13:14	Alex Taylor	
30-Sep-2024	16:20	Alex Taylor	Open

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
									type
									for
									tunnels
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]	
1	35 Downshire Hill - Wall 1	70.50000	49.40000	67.85000	65.50000	56.70000	67.85000	9	Surface Yes
Yes									
2	35 Downshire Hill - Wall 2	65.60000	56.70000	67.85000	69.00000	59.20000	67.85000	5	Surface Yes
Yes									
3	35 Downshire Hill - Wall 3	69.10000	59.20000	67.85000	74.10000	51.90000	67.85000	9	Surface Yes
Yes									
4	35 Downshire Hill - Wall 4	74.00000	51.90000	67.85000	70.60000	49.40000	67.85000	5	Surface Yes
Yes									
5	14 Keats Grove - Wall 1	24.30000	44.40000	66.92500	24.30000	51.80000	66.92500	8	Surface Yes
Yes									
6	14 Keats Grove - Wall 2	24.40000	51.80000	66.92500	37.70000	51.80000	66.92500	14	Surface Yes
Yes									
7	14 Keats Grove - Wall 3	37.80000	51.80000	66.92500	37.80000	44.40000	66.92500	8	Surface Yes
Yes									
8	14 Keats Grove - Wall 4	37.70000	44.40000	66.92500	24.40000	44.40000	66.92500	14	Surface Yes
Yes									
9	14 Keats Grove - Wall 5	27.30000	51.90000	66.92500	27.30000	53.80000	66.92500	2	Surface Yes
Yes									
10	14 Keats Grove - Wall 6	27.30000	53.90000	66.92500	29.60000	53.90000	66.92500	5	Surface Yes
Yes									
11	14 Keats Grove - Wall 7	29.60000	53.80000	66.92500	29.60000	51.90000	66.92500	2	Surface Yes
Yes									
12	14 Keats Grove - Wall 8	37.90000	46.60000	66.92500	44.00000	46.60000	66.92500	6	Surface Yes
Yes									
13	14 Keats Grove - Wall 9	44.00000	46.50000	66.92500	44.00000	39.50000	66.92500	7	Surface Yes
Yes									
14	14 Keats Grove - Wall 10	44.00000	39.40000	66.92500	36.70000	39.40000	66.92500	7	Surface Yes
Yes									
15	14 Keats Grove - Wall 11	36.60000	39.40000	66.92500	36.60000	44.30000	66.92500	5	Surface Yes
Yes									
16	Garden Wall 1	63.70000	56.90000	67.85000	73.40000	39.40000	67.85000	20	Surface Yes

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Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
type									
imported									
Yes									
17	Garden Wall 2	63.80000	57.00000	67.85000	71.80000	63.00000	67.85000	10	Surface Yes
Yes									

Displacement Grids

Ref.	Name	Extrusion:	Base	Base	Base	Base	Base line	Base	Base	Extrusion:	Extrusion:
Surface	Calculate	Direction	line	line	line	line	end: Y	line	line:	Distance	Intervals
type											
for											
tunnels											
			X	Y	Z (level)	X		Z (level)			
			[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]	[No.]
1	Grid 1	Global X	0.00000	0.00000	68.24000	-	100.00000	68.24000	100	100.00000	100
Surface	Yes										

Polygonal Excavations

Ref.	1
Excavation Name:	Basement Excavation
Surface level [m]:	67.340
Contribution:	Positive
Surface movement curves which are selected are applied between surface and [m]:	64.720

Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side:	Prev. Side:	Prev. Side:	Next Side:	Next Side:	Next Side:
	[m]	[m]	[m]			d	p1	p2*	d	p1	p2*
	[m]	[m]	[m]			[m]	[%]	[%]	[m]	[%]	[%]
1	50.000	50.000	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	49.700	52.600	64.720	No	No	-	-	-	-	-	-
3	47.800	52.400	64.720	No	No	-	-	-	-	-	-
4	47.000	56.800	64.720	No	No	-	-	-	-	-	-
5	50.400	57.500	64.720	No	No	-	-	-	-	-	-
6	50.400	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
7	53.400	58.400	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
8	56.800	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
9	57.700	53.300	64.720	No	No	-	-	-	-	-	-
10	63.500	56.700	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
11	67.600	49.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
12	64.200	48.800	64.720	No	No	-	-	-	-	-	-
13	64.400	48.800	66.370	No	No	-	-	-	-	-	-
14	64.400	47.600	66.370	No	No	-	-	-	-	-	-
15	65.300	46.300	66.370	No	No	-	-	-	-	-	-
16	61.500	44.000	66.370	No	No	-	-	-	-	-	-
17	59.100	46.500	66.370	No	No	-	-	-	-	-	-
18	59.100	46.500	65.030	No	No	-	-	-	-	-	-
19	58.400	50.000	65.030	No	No	-	-	-	-	-	-
20	58.400	50.000	64.720	No	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	50.000	50.000	49.700	52.600	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
2	49.700	52.600	47.800	52.400	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
3	47.800	52.400	47.000	56.800	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
4	47.000	56.800	50.400	57.500	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
5	50.400	57.500	50.400	58.300	Exc. in front of high stiffness wall in stiff clay	Exc. in front of high stiffness wall in stiff clay

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
6	50.400	58.300	53.400	58.400	(CIRIA C760 Fig. 6.15(b)) Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	(CIRIA C760 Fig. 6.15(a)) Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
7	53.400	58.400	56.800	58.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
8	56.800	58.300	57.700	53.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
9	57.700	53.300	63.500	56.700	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
10	63.500	56.700	67.600	49.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
11	67.600	49.300	64.200	48.800	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
12	64.200	48.800	64.400	48.800	No vertical ground movement	No horizontal ground movement
13	64.400	48.800	64.400	47.600	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
14	64.400	47.600	65.300	46.300	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
15	65.300	46.300	61.500	44.000	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
16	61.500	44.000	59.100	46.500	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
17	59.100	46.500	59.100	46.500	No vertical ground movement	No horizontal ground movement
18	59.100	46.500	58.400	50.000	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
19	58.400	50.000	58.400	50.000	No vertical ground movement	No horizontal ground movement
20	58.400	50.000	50.000	50.000	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))

Ref. 2
Excavation Name: Retaining Wall Installation
 Surface level [m]: 67.340
 Contribution: Positive
 Surface movement curves which are selected are applied between surface and [m]: 64.720

Corner	x [m]	y [m]	Base Level [m]	Arc Enabled	Stiffened	Prev. Side: d [m]	Prev. Side: p1 [%]	Prev. Side: p2* [%]	Next Side: d [m]	Next Side: p1 [%]	Next Side: p2* [%]
1	50.000	50.000	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	49.700	52.600	64.720	No	No	-	-	-	-	-	-
3	47.800	52.400	64.720	No	No	-	-	-	-	-	-
4	47.000	56.800	64.720	No	No	-	-	-	-	-	-
5	50.400	57.500	64.720	No	No	-	-	-	-	-	-
6	50.400	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
7	53.400	58.400	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
8	56.800	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
9	57.700	53.300	64.720	No	No	-	-	-	-	-	-
10	63.500	56.700	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
11	67.600	49.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
12	64.200	48.800	64.720	No	No	-	-	-	-	-	-
13	64.400	48.800	66.370	No	No	-	-	-	-	-	-
14	64.400	47.600	66.370	No	No	-	-	-	-	-	-
15	65.300	46.300	66.370	No	No	-	-	-	-	-	-
16	61.500	44.000	66.370	No	No	-	-	-	-	-	-
17	59.100	46.500	66.370	No	No	-	-	-	-	-	-
18	59.100	46.500	65.030	No	No	-	-	-	-	-	-
19	58.400	50.000	65.030	No	No	-	-	-	-	-	-
20	58.400	50.000	64.720	No	No	-	-	-	-	-	-

Side	x1	y1	x2	y2	G.M. Curve: Vertical	G.M. Curve: Horizontal
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	[m]	[m]	[m]	[m]		
1	50.000	50.000	49.700	52.600	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
2	49.700	52.600	47.800	52.400	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
3	47.800	52.400	47.000	56.800	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
4	47.000	56.800	50.400	57.500	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
5	50.400	57.500	50.400	58.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
6	50.400	58.300	53.400	58.400	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
7	53.400	58.400	56.800	58.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
8	56.800	58.300	57.700	53.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
9	57.700	53.300	63.500	56.700	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
10	63.500	56.700	67.600	49.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
11	67.600	49.300	64.200	48.800	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
12	64.200	48.800	64.400	48.800	No vertical ground movement	No horizontal ground movement
13	64.400	48.800	64.400	47.600	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
14	64.400	47.600	65.300	46.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
15	65.300	46.300	61.500	44.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
16	61.500	44.000	59.100	46.500	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
17	59.100	46.500	59.100	46.500	No vertical ground movement	No horizontal ground movement
18	59.100	46.500	58.400	50.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
19	58.400	50.000	58.400	50.000	No vertical ground movement	No horizontal ground movement
20	58.400	50.000	50.000	50.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))

Circular Excavations

Vertical Ground Movement Curves

Curve Name: No vertical ground movement
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = 0.0x + 0.0
Coeff. of Determination:

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]					
	[0.000,0.000,0.050][0.050,0.000,0.047][0.100,0.000,0.043][0.150,0.000,0.040] [0.200,0.000,0.037][0.250,0.000,0.034][0.300,0.000,0.031][0.350,0.000,0.028] [0.400,0.000,0.025][0.450,0.000,0.022][0.500,0.000,0.020][0.550,0.000,0.018] [0.600,0.000,0.015][0.650,0.000,0.013][0.700,0.000,0.012][0.750,0.000,0.010] [0.800,0.000,0.008][0.850,0.000,0.007][0.900,0.000,0.006][0.950,0.000,0.005] [1.000,0.000,0.004][1.050,0.000,0.003][1.100,0.000,0.003][1.150,0.000,0.002] [1.200,0.000,0.002][1.250,0.000,0.001][1.300,0.000,0.001][1.350,0.000,0.001] [1.400,0.000,0.001][1.450,0.000,0.000][1.500,0.000,0.000]					
Curve Fitting Method:	Polynomial					
x Order:	4					
y Order:	0					
Polynomial: z =	-1.2355E-2x ⁴ + 3.4814E-2x ³ - 2.8885E-3x ² - 6.5618E-2x + 4.9987E-2					
Coeff. of Determination:	1.0000					
Curve Name:	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))					
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]					
	[0.000,0.000,0.050][0.050,0.000,0.047][0.100,0.000,0.043][0.150,0.000,0.040] [0.200,0.000,0.037][0.250,0.000,0.034][0.300,0.000,0.031][0.350,0.000,0.028] [0.400,0.000,0.025][0.450,0.000,0.022][0.500,0.000,0.020][0.550,0.000,0.018] [0.600,0.000,0.015][0.650,0.000,0.013][0.700,0.000,0.012][0.750,0.000,0.010] [0.800,0.000,0.008][0.850,0.000,0.007][0.900,0.000,0.006][0.950,0.000,0.005] [1.000,0.000,0.004][1.050,0.000,0.003][1.100,0.000,0.003][1.150,0.000,0.002] [1.200,0.000,0.002][1.250,0.000,0.001][1.300,0.000,0.001][1.350,0.000,0.001] [1.400,0.000,0.001][1.450,0.000,0.000][1.500,0.000,0.000]					
Curve Fitting Method:	Polynomial					
x Order:	4					
y Order:	0					
Polynomial: z =	-1.2355E-2x ⁴ + 3.4814E-2x ³ - 2.8885E-3x ² - 6.5618E-2x + 4.9987E-2					
Coeff. of Determination:	1.0000					
Curve Name:	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]					
	[0.000,0.000,0.039][0.100,0.000,0.049][0.200,0.000,0.056][0.300,0.000,0.062] [0.400,0.000,0.067][0.500,0.000,0.070][0.600,0.000,0.072][0.700,0.000,0.073] [0.800,0.000,0.073][0.900,0.000,0.072][1.000,0.000,0.070][1.100,0.000,0.068] [1.200,0.000,0.065][1.300,0.000,0.061][1.400,0.000,0.058][1.500,0.000,0.054] [1.600,0.000,0.050][1.700,0.000,0.046][1.800,0.000,0.042][1.900,0.000,0.038] [2.000,0.000,0.034][2.100,0.000,0.030][2.200,0.000,0.027][2.300,0.000,0.023] [2.400,0.000,0.020][2.500,0.000,0.017][2.600,0.000,0.014][2.700,0.000,0.012] [2.800,0.000,0.010][2.900,0.000,0.008][3.000,0.000,0.007][3.100,0.000,0.005] [3.200,0.000,0.004][3.300,0.000,0.004][3.400,0.000,0.003][3.500,0.000,0.002] [3.600,0.000,0.002][3.700,0.000,0.002][3.800,0.000,0.001][3.900,0.000,0.001] [4.000,0.000,0.000]					
Curve Fitting Method:	Polynomial					
x Order:	4					
y Order:	0					
Polynomial: z =	-2.6455E-3x ⁴ + 2.8495E-2x ³ - 1.0051E-1x ² + 1.0569E-1x + 3.8990E-2					
Coeff. of Determination:	9.9991E-1					
Curve Name:	Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]					
	[0.000,0.000,0.345][0.100,0.000,0.327][0.200,0.000,0.311][0.300,0.000,0.294] [0.400,0.000,0.279][0.500,0.000,0.264][0.600,0.000,0.250][0.700,0.000,0.237] [0.800,0.000,0.224][0.900,0.000,0.212][1.000,0.000,0.200][1.100,0.000,0.189] [1.200,0.000,0.178][1.300,0.000,0.168][1.400,0.000,0.158][1.500,0.000,0.149] [1.600,0.000,0.140][1.700,0.000,0.132][1.800,0.000,0.124][1.900,0.000,0.116] [2.000,0.000,0.109][2.100,0.000,0.101][2.200,0.000,0.095][2.300,0.000,0.088] [2.400,0.000,0.082][2.500,0.000,0.076][2.600,0.000,0.068][2.700,0.000,0.061] [2.800,0.000,0.053][2.900,0.000,0.046][3.000,0.000,0.038][3.100,0.000,0.030] [3.200,0.000,0.023][3.300,0.000,0.015][3.400,0.000,0.008][3.500,0.000,0.000]					

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
------	-----------	-----------	-----------	-----------	----------------------	------------------------

Curve Fitting Method: Polynomial
 x Order: 3
 y Order: 0
 Polynomial: $z = -6.0266E-3x^3 + 4.6010E-2x^2 - 1.8623E-1x + 3.4596E-1$
 Coeff. of Determination: 9.9993E-1

Horizontal Ground Movement Curves

Curve Name: No horizontal ground movement
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
 Curve Fitting Method: Polynomial
 x Order: 0
 y Order: 0
 Polynomial: $z = 0.0$
 Coeff. of Determination:

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.050][1.500,0.000,0.000]
 Curve Fitting Method: Polynomial
 x Order: 1
 y Order: 0
 Polynomial: $z = -3.33E-2x + 5.00E-2$
 Coeff. of Determination: 1.00

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.050][1.500,0.000,0.000]
 Curve Fitting Method: Polynomial
 x Order: 1
 y Order: 0
 Polynomial: $z = -3.33E-2x + 5.00E-2$
 Coeff. of Determination: 1.00

Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.150][4.000,0.000,0.000]
 Curve Fitting Method: Polynomial
 x Order: 1
 y Order: 0
 Polynomial: $z = -3.75E-2x + 1.50E-1$
 Coeff. of Determination: 1.00

Curve Name: Exc. in front of low stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.400][4.000,0.000,0.000]
 Curve Fitting Method: Polynomial
 x Order: 1
 y Order: 0
 Polynomial: $z = -1.0E-1x + 4.0E-1$
 Coeff. of Determination: 1.0

Damage Category Strains

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

Specific Buildings - Geometry

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Ref.	Building Name	Sub-Building	Displacement	Line	Distance	Distance	Vertical
Vertical	Damage Category	Poisson's	E/G		Along	Along	Offsets from
Displacement	Strains	Ratio			Line:	Line:	Line for
					Start	End	Vertical
							Movement
Sensitivity							Calculations
					[m]	[m]	[m]
							Limit
							[mm]
1	35 Downshire Hill	35DS - Wall 1	35 Downshire Hill - Wall 1	0.00000	8.84800		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
2	35 Downshire Hill	35DS - Wall 2	35 Downshire Hill - Wall 2	0.00000	4.22000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
3	35 Downshire Hill	35DS - Wall 3	35 Downshire Hill - Wall 3	0.00000	8.84800		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
4	35 Downshire Hill	35DS - Wall 4	35 Downshire Hill - Wall 4	0.00000	4.22000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
5	14 Keats Grove	14KG - Wall 1	14 Keats Grove - Wall 1	0.00000	7.39900		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
6	14 Keats Grove	14KG - Wall 2	14 Keats Grove - Wall 2	0.00000	13.30000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
7	14 Keats Grove	14KG - Wall 3	14 Keats Grove - Wall 3	0.00000	7.39900		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
8	14 Keats Grove	14KG - Wall 4	14 Keats Grove - Wall 4	0.00000	13.30000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
9	14 Keats Grove	14KG - Wall 5	14 Keats Grove - Wall 5	0.00000	1.89900		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
10	14 Keats Grove	14KG - Wall 6	14 Keats Grove - Wall 6	0.00000	2.30000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
11	14 Keats Grove	14KG - Wall 7	14 Keats Grove - Wall 7	0.00000	1.89900		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
12	14 Keats Grove	14KG - Wall 8	14 Keats Grove - Wall 8	0.00000	6.10000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
13	14 Keats Grove	14KG - Wall 9	14 Keats Grove - Wall 9	0.00000	7.00000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
14	14 Keats Grove	14KG - Wall 10	14 Keats Grove - Wall 10	0.00000	7.29900		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
15	14 Keats Grove	14KG - Wall 11	14 Keats Grove - Wall 11	0.00000	4.89900		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
16	Garden Wall 1	Sub 16	Garden Wall 1	0.00000	20.00800		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
17	Garden Wall 2	Sub 17	Garden Wall 2	0.00000	10.00000		0.0
0.10000	Burland Strain Limits	0.20000	2.6000				

Specific Buildings - Bending Parameters

Ref.	Building Name	Sub-Building	Height Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:	
Sagging:		Name		2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of	
				of Area	Bending	N.A. from	of Area	Bending	
				(per unit	Strain	Edge of	(per unit	Strain	
				width)	from N.A.	Beam in	width)	from N.A.	
						Tension			
			[m]	[m ³]	[m]	[m]	[m ³]	[m]	
1	35 Downshire Hill	35DS - Wall 1	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250									
2	35 Downshire Hill	35DS - Wall 2	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250									
3	35 Downshire Hill	35DS - Wall 3	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250									
4	35 Downshire Hill	35DS - Wall 4	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250									
5	14 Keats Grove	14KG - Wall 1	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750
3.8750									
6	14 Keats Grove	14KG - Wall 2	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750

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Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:	
Sagging:										
	Name				2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of	
3.8750	7 14	Keats Grove	14KG - Wall 3	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750
3.8750	8 14	Keats Grove	14KG - Wall 4	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750
3.8750	9 14	Keats Grove	14KG - Wall 5	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750
3.8750	10 14	Keats Grove	14KG - Wall 6	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750
3.8750	11 14	Keats Grove	14KG - Wall 7	7.7500	Yes	155.16	7.7500	7.7500	38.790	3.8750
3.8750	12 14	Keats Grove	14KG - Wall 8	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250	13 14	Keats Grove	14KG - Wall 9	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250	14 14	Keats Grove	14KG - Wall 10	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
2.1250	15 14	Keats Grove	14KG - Wall 11	4.2500	Yes	25.589	4.2500	4.2500	6.3971	2.1250
1.3750	16	Garden Wall 1	Sub 16	2.7500	Yes	6.9323	2.7500	2.7500	1.7331	1.3750
1.3750	17	Garden Wall 2	Sub 17	2.7500	Yes	6.9323	2.7500	2.7500	1.7331	1.3750

Specific Buildings - Segment Combinations

Stage:	Stage:	Name	Building:	Name	Sub-Building	Vertical	Segment	Start	Length	Curvature
Combined Segment										
Ref.		Ref.		Name		Offset from Line for Vertical Movement Calculations [m]		[m]	[m]	
0	Base Model	1	35	Downshire Hill	35DS - Wall 1	0.0	No combined segments for this			
	stage, specific building and	2	35	Downshire Hill	35DS - Wall 2	0.0		3	0.0	0.0 None
1		3	35	Downshire Hill	35DS - Wall 3	0.0	No combined segments for this			
	stage, specific building and	4	35	Downshire Hill	35DS - Wall 4	0.0	No combined segments for this			
	stage, specific building and	5	14	Keats Grove	14KG - Wall 1	0.0	No combined segments for this			
	stage, specific building and	6	14	Keats Grove	14KG - Wall 2	0.0	No combined segments for this			
	stage, specific building and	7	14	Keats Grove	14KG - Wall 3	0.0	No combined segments for this			
	stage, specific building and	8	14	Keats Grove	14KG - Wall 4	0.0	No combined segments for this			
	stage, specific building and	9	14	Keats Grove	14KG - Wall 5	0.0	No combined segments for this			
	stage, specific building and	10	14	Keats Grove	14KG - Wall 6	0.0	No combined segments for this			
	stage, specific building and	11	14	Keats Grove	14KG - Wall 7	0.0	No combined segments for this			
	stage, specific building and	12	14	Keats Grove	14KG - Wall 8	0.0	No combined segments for this			
	stage, specific building and	13	14	Keats Grove	14KG - Wall 9	0.0	No combined segments for this			
	stage, specific building and	14	14	Keats Grove	14KG - Wall 10	0.0	No combined segments for this			
	stage, specific building and	15	14	Keats Grove	14KG - Wall 11	0.0	No combined segments for this			
1		16		Garden Wall 1	Sub 16	0.0		18	0.0	0.0 None
	stage, specific building and	17		Garden Wall 2	Sub 17	0.0	No combined segments for this			

Warnings

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

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Stage:	Stage:	Name	Building:	Building:	Name	Sub-Building	Vertical	Segment	Start	Length	Curvature
Combined	Segment	Ref.	Ref.	Name	Offset from	Line for					
2											
<p>The following polygonal excavations have one or more re-entrant corners: 1, 2. The use of re-entrant corners is permitted but not recommended. CIRIA C580/C760, on which XDisp's method for modelling ground movements behind walls of excavations is based, considers only movements for points lying at right angles behind single walls. It does not consider how movements should be calculated within the zone of influence of re-entrant corners, i.e. where movements would be influenced by two walls adjacent to the re-entrant corner. By default, XDisp will merely sum the effects from both walls, making no allowance for interaction or stiffening of the corner. Please refer to help manual for artificial smoothing options. Re-entrant corners should be used with caution. Results in their vicinity should be validated independently.</p>											
3											
<p>If an embedded wall excavation is assigned a 'surface' ground movement curve and if the 'allow movement calculation to level' option is checked for the excavation then displacements induced by it are calculated for points at the surface, and points below the surface to the level specified. Others are ignored. An example of such a combination, for which displacements will not be calculated is Excavation XP1/Side 1/Grid 1/Vertical. This is an example only. There are 475 others.</p>											
4											
<p>If an embedded wall excavation is assigned a 'sub-surface' ground movement curve then displacements induced by it can only be calculated for those points that are level with or below the embedded wall excavation's 'surface level'. Others are ignored. An example of such a combination, for which displacements will not be calculated is Excavation XP1/Side 12/Grid 1/Vertical. This is an example only. There are 83 others.</p>											

Errors

None

Displacement Results - Displacement Lines

Stage:	Stage:	Disp.	Disp.	Line:	Name	Chainage	x	y	z	δx	δy
δz	δH//	δHperp.	Angle								
Ref.	Name	Line:	Ref.								
[mm]	[mm]	[mm]	[°]			[m]	[m]	[m]	[m]	[mm]	[mm]
0	Base Model 1	35	Downshire Hill - Wall 1	0.0	70.50000	49.40000	67.85000	0.0	0.0		
0.0	0.0	0.0	124.41								
0.0	0.0	0.0	124.41	0.98313	69.94444	50.21111	67.85000	0.0	0.0		
2.0183	0.33439	3.5246	124.41	1.9663	69.38889	51.02222	67.85000	-3.0968	-1.7158		
2.0517	0.34060	3.5901	124.41	2.9494	68.83333	51.83333	67.85000	-3.1544	-1.7477		
2.0846	0.34682	3.6555	124.41	3.9325	68.27778	52.64444	67.85000	-3.2119	-1.7796		
2.1171	0.35303	3.7210	124.41	4.9156	67.72222	53.45556	67.85000	-3.2694	-1.8114		
2.1490	0.35924	3.7865	124.41	5.8988	67.16667	54.26667	67.85000	-3.3270	-1.8433		
2.2480	0.57991	4.3291	124.41	6.8819	66.61111	55.07778	67.85000	-3.8993	-1.9679		
2.3011	0.64810	4.5324	124.41	7.8650	66.05556	55.88889	67.85000	-4.1056	-2.0265		
2.3637	0.71628	4.7358	124.41	8.8482	65.50000	56.70000	67.85000	-4.3119	-2.0852		
2.3268	-4.6145	0.85025	36.327	0.0	65.60000	56.70000	67.85000	-4.2214	-2.0486		
1.9834	-3.7713	0.64939	36.327	0.84404	66.28000	57.20000	67.85000	-3.4230	-1.7109		
1.6334	-2.9280	0.44853	36.327	1.6881	66.96000	57.70000	67.85000	-2.6247	-1.3732		
1.2512	-2.2806	0.29368	36.327	2.5321	67.64000	58.20000	67.85000	-2.0113	-1.1144		
0.91170	-1.9692	0.25359	36.327	3.3762	68.32000	58.70000	67.85000	-1.7367	-0.96224		
0.60558	-1.6579	0.21349	36.327	4.2202	69.00000	59.20000	67.85000	-1.4621	-0.81010		
0.57689	-0.15478	-1.6314	304.41	0.0	69.10000	59.20000	67.85000	-1.4334	-0.79420		
0.54724	-0.15149	-1.5968	304.41	0.98313	69.65556	58.38889	67.85000	-1.4030	-0.77733		
				1.9663	70.21111	57.57778	67.85000	-1.3725	-0.76045		



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Stage: δz Ref.	Stage: δH// Name	Disp. δHperp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.51844	-0.14820	-1.5621	304.41							
					2.9494	70.76667	56.76667	67.85000	-1.3421	-0.74358
0.49050	-0.14491	-1.5274	304.41							
					3.9325	71.32222	55.95556	67.85000	-1.3116	-0.72670
0.46347	-0.14162	-1.4928	304.41							
					4.9156	71.87778	55.14444	67.85000	-1.2811	-0.70982
0.43734	-0.13834	-1.4581	304.41							
					5.8988	72.43333	54.33333	67.85000	-1.2507	-0.69295
0.41213	-0.13505	-1.4234	304.41							
					6.8819	72.98889	53.52222	67.85000	-1.2202	-0.67607
0.38787	-0.13176	-1.3888	304.41							
					7.8650	73.54444	52.71111	67.85000	-1.1898	-0.65920
0.36455	-0.12847	-1.3541	304.41							
					8.8482	74.10000	51.90000	67.85000	0.0	0.0
0.0	0.0	0.0	304.41							
		4		35 Downshire Hill - Wall 4	0.0	74.00000	51.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
					0.84404	73.32000	51.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
					1.6881	72.64000	50.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
					2.5321	71.96000	50.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
					3.3762	71.28000	49.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
					4.2202	70.60000	49.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
		5		14 Keats Grove - Wall 1	0.0	24.30000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					0.92500	24.30000	45.32500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					1.8500	24.30000	46.25000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					2.7750	24.30000	47.17500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					3.7000	24.30000	48.10000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					4.6250	24.30000	49.02500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					5.5500	24.30000	49.95000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					6.4750	24.30000	50.87500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					7.4000	24.30000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
		6		14 Keats Grove - Wall 2	0.0	24.40000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					0.95000	25.35000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					1.9000	26.30000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					2.8500	27.25000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					3.8000	28.20000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					4.7500	29.15000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					5.7000	30.10000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					6.6500	31.05000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					7.6000	32.00000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					8.5500	32.95000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					9.5000	33.90000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					10.450	34.85000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					11.400	35.80000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					12.350	36.75000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					13.300	37.70000	51.80000	66.92500	0.16071	0.029220
0.028972	0.16071	0.029220	0.0							
		7		14 Keats Grove - Wall 3	0.0	37.80000	51.80000	66.92500	0.19701	0.035820
0.033466	-0.035820	0.19701	270.00							



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.025656	-0.024720	0.13596	270.00		0.92500	37.80000	50.87500	66.92500	0.13596	0.024720
0.0	0.0	0.0	270.00		1.8500	37.80000	49.95000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		2.7750	37.80000	49.02500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		3.7000	37.80000	48.10000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		4.6250	37.80000	47.17500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		5.5500	37.80000	46.25000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		6.4750	37.80000	45.32500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		7.4000	37.80000	44.40000	66.92500	0.0	0.0
0.0	0.0	8	14 Keats	Grove - Wall 4	0.0	37.70000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		0.95000	36.75000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		1.9000	35.80000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		2.8500	34.85000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		3.8000	33.90000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		4.7500	32.95000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		5.7000	32.00000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		6.6500	31.05000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		7.6000	30.10000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		8.5500	29.15000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		9.5000	28.20000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		10.450	27.25000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		11.400	26.30000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		12.350	25.35000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		13.300	24.40000	44.40000	66.92500	0.0	0.0
0.0	0.0	9	14 Keats	Grove - Wall 5	0.0	27.30000	51.90000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.95000	27.30000	52.85000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		1.9000	27.30000	53.80000	66.92500	0.0	0.0
0.0	0.0	10	14 Keats	Grove - Wall 6	0.0	27.30000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		0.46000	27.76000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		0.92000	28.22000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.3800	28.68000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.8400	29.14000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		2.3000	29.60000	53.90000	66.92500	0.0	0.0
0.0	0.0	11	14 Keats	Grove - Wall 7	0.0	29.60000	53.80000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		0.95000	29.60000	52.85000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		1.9000	29.60000	51.90000	66.92500	0.0	0.0
0.0	0.0	12	14 Keats	Grove - Wall 8	0.0	37.90000	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.0167	38.91667	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		2.0333	39.93333	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		3.0500	40.95000	46.60000	66.92500	0.0	0.0



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	0.0		4.0667	41.96667	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		5.0833	42.98333	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		6.1000	44.00000	46.60000	66.92500	0.0	0.0
0.0	0.0	13	0.0	14 Keats Grove - Wall 9	0.0	44.00000	46.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		1.0000	44.00000	45.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		2.0000	44.00000	44.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		3.0000	44.00000	43.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		4.0000	44.00000	42.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		5.0000	44.00000	41.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		6.0000	44.00000	40.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		7.0000	44.00000	39.50000	66.92500	0.0	0.0
0.0	0.0	14	0.0	14 Keats Grove - Wall 10	0.0	44.00000	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		1.0429	42.95714	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		2.0857	41.91429	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		3.1286	40.87143	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		4.1714	39.82857	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		5.2143	38.78571	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		6.2571	37.74286	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		7.3000	36.70000	39.40000	66.92500	0.0	0.0
0.0	0.0	15	0.0	14 Keats Grove - Wall 11	0.0	36.60000	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.98000	36.60000	40.38000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		1.9600	36.60000	41.36000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		2.9400	36.60000	42.34000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		3.9200	36.60000	43.32000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		4.9000	36.60000	44.30000	66.92500	0.0	0.0
0.0	0.0	16	0.0	Garden Wall 1	0.0	63.70000	56.90000	67.85000	-1.4531	-0.26155
0.44608	-0.47568	-1.3977	299.00		1.0004	64.18500	56.02500	67.85000	-5.7491	-2.6863
2.7743	-0.43763	-6.3306	299.00		2.0008	64.67000	55.15000	67.85000	-5.6300	-2.6648
2.7013	-0.39869	-6.2160	299.00		3.0013	65.15500	54.27500	67.85000	-4.4147	-2.4460
2.4129	-894.50E-6	-5.0470	299.00		4.0017	65.64000	53.40000	67.85000	-4.4146	-2.4459
2.4129	-894.47E-6	-5.0469	299.00		5.0021	66.12500	52.52500	67.85000	-4.4145	-2.4459
2.4130	-894.45E-6	-5.0468	299.00		6.0025	66.61000	51.65000	67.85000	-4.4144	-2.4458
2.4130	-894.43E-6	-5.0467	299.00		7.0030	67.09500	50.77500	67.85000	-4.4143	-2.4458
2.4130	-894.41E-6	-5.0465	299.00		8.0034	67.58000	49.90000	67.85000	-4.4142	-2.4457
2.4131	-894.39E-6	-5.0464	299.00		9.0038	68.06500	49.02500	67.85000	-0.045666	-0.031615
0.0	0.0055127	-0.055267	299.00		10.004	68.55000	48.15000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		11.005	69.03500	47.27500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		12.005	69.52000	46.40000	67.85000	0.0	0.0



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	299.00		13.006	70.00500	45.52500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		14.006	70.49000	44.65000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		15.006	70.97500	43.77500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		16.007	71.46000	42.90000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		17.007	71.94500	42.02500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		18.008	72.43000	41.15000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		19.008	72.91500	40.27500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		20.008	73.40000	39.40000	67.85000	0.0	0.0
0.41431	-1.2805	0.64306	36.870	17 Garden Wall 2	0.0	63.80000	57.00000	67.85000	-1.4102	-0.25384
0.21954	-0.98101	0.49266	36.870		1.0000	64.60000	57.60000	67.85000	-1.0804	-0.19447
0.10834	-0.68154	0.34227	36.870		2.0000	65.40000	58.20000	67.85000	-0.75059	-0.13511
0.056924	-0.38206	0.19187	36.870		3.0000	66.20000	58.80000	67.85000	-0.42078	-0.075740
0.018983	-0.082593	0.041478	36.870		4.0000	67.00000	59.40000	67.85000	-0.090961	-0.016373
0.0	0.0	0.0	36.870		5.0000	67.80000	60.00000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		6.0000	68.60000	60.60000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		7.0000	69.40000	61.20000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		8.0000	70.20000	61.80000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		9.0000	71.00000	62.40000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		10.0000	71.80000	63.00000	67.85000	0.0	0.0

Displacement Results - Displacement Grids

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1	Grid 1		0.00000	0.00000	68.24000	0.0	0.0	0.0
				1.00000	0.00000	68.24000	0.0	0.0	0.0
				2.00000	0.00000	68.24000	0.0	0.0	0.0
				3.00000	0.00000	68.24000	0.0	0.0	0.0
				4.00000	0.00000	68.24000	0.0	0.0	0.0
				5.00000	0.00000	68.24000	0.0	0.0	0.0
				6.00000	0.00000	68.24000	0.0	0.0	0.0
				7.00000	0.00000	68.24000	0.0	0.0	0.0
				8.00000	0.00000	68.24000	0.0	0.0	0.0
				9.00000	0.00000	68.24000	0.0	0.0	0.0
				10.00000	0.00000	68.24000	0.0	0.0	0.0
				11.00000	0.00000	68.24000	0.0	0.0	0.0
				12.00000	0.00000	68.24000	0.0	0.0	0.0
				13.00000	0.00000	68.24000	0.0	0.0	0.0
				14.00000	0.00000	68.24000	0.0	0.0	0.0
				15.00000	0.00000	68.24000	0.0	0.0	0.0
				16.00000	0.00000	68.24000	0.0	0.0	0.0
				17.00000	0.00000	68.24000	0.0	0.0	0.0
				18.00000	0.00000	68.24000	0.0	0.0	0.0
				19.00000	0.00000	68.24000	0.0	0.0	0.0
				20.00000	0.00000	68.24000	0.0	0.0	0.0
				21.00000	0.00000	68.24000	0.0	0.0	0.0
				22.00000	0.00000	68.24000	0.0	0.0	0.0
				23.00000	0.00000	68.24000	0.0	0.0	0.0
				24.00000	0.00000	68.24000	0.0	0.0	0.0
				25.00000	0.00000	68.24000	0.0	0.0	0.0
				26.00000	0.00000	68.24000	0.0	0.0	0.0
				27.00000	0.00000	68.24000	0.0	0.0	0.0
				28.00000	0.00000	68.24000	0.0	0.0	0.0
				29.00000	0.00000	68.24000	0.0	0.0	0.0



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				30.00000	0.00000	68.24000	0.0	0.0	0.0
				31.00000	0.00000	68.24000	0.0	0.0	0.0
				32.00000	0.00000	68.24000	0.0	0.0	0.0
				33.00000	0.00000	68.24000	0.0	0.0	0.0
				34.00000	0.00000	68.24000	0.0	0.0	0.0
				35.00000	0.00000	68.24000	0.0	0.0	0.0
				36.00000	0.00000	68.24000	0.0	0.0	0.0
				37.00000	0.00000	68.24000	0.0	0.0	0.0
				38.00000	0.00000	68.24000	0.0	0.0	0.0
				39.00000	0.00000	68.24000	0.0	0.0	0.0
				40.00000	0.00000	68.24000	0.0	0.0	0.0
				41.00000	0.00000	68.24000	0.0	0.0	0.0
				42.00000	0.00000	68.24000	0.0	0.0	0.0
				43.00000	0.00000	68.24000	0.0	0.0	0.0
				44.00000	0.00000	68.24000	0.0	0.0	0.0
				45.00000	0.00000	68.24000	0.0	0.0	0.0
				46.00000	0.00000	68.24000	0.0	0.0	0.0
				47.00000	0.00000	68.24000	0.0	0.0	0.0
				48.00000	0.00000	68.24000	0.0	0.0	0.0
				49.00000	0.00000	68.24000	0.0	0.0	0.0
				50.00000	0.00000	68.24000	0.0	0.0	0.0
				51.00000	0.00000	68.24000	0.0	0.0	0.0
				52.00000	0.00000	68.24000	0.0	0.0	0.0
				53.00000	0.00000	68.24000	0.0	0.0	0.0
				54.00000	0.00000	68.24000	0.0	0.0	0.0
				55.00000	0.00000	68.24000	0.0	0.0	0.0
				56.00000	0.00000	68.24000	0.0	0.0	0.0
				57.00000	0.00000	68.24000	0.0	0.0	0.0
				58.00000	0.00000	68.24000	0.0	0.0	0.0
				59.00000	0.00000	68.24000	0.0	0.0	0.0
				60.00000	0.00000	68.24000	0.0	0.0	0.0
				61.00000	0.00000	68.24000	0.0	0.0	0.0
				62.00000	0.00000	68.24000	0.0	0.0	0.0
				63.00000	0.00000	68.24000	0.0	0.0	0.0
				64.00000	0.00000	68.24000	0.0	0.0	0.0
				65.00000	0.00000	68.24000	0.0	0.0	0.0
				66.00000	0.00000	68.24000	0.0	0.0	0.0
				67.00000	0.00000	68.24000	0.0	0.0	0.0
				68.00000	0.00000	68.24000	0.0	0.0	0.0
				69.00000	0.00000	68.24000	0.0	0.0	0.0
				70.00000	0.00000	68.24000	0.0	0.0	0.0
				71.00000	0.00000	68.24000	0.0	0.0	0.0
				72.00000	0.00000	68.24000	0.0	0.0	0.0
				73.00000	0.00000	68.24000	0.0	0.0	0.0
				74.00000	0.00000	68.24000	0.0	0.0	0.0
				75.00000	0.00000	68.24000	0.0	0.0	0.0
				76.00000	0.00000	68.24000	0.0	0.0	0.0
				77.00000	0.00000	68.24000	0.0	0.0	0.0
				78.00000	0.00000	68.24000	0.0	0.0	0.0
				79.00000	0.00000	68.24000	0.0	0.0	0.0
				80.00000	0.00000	68.24000	0.0	0.0	0.0
				81.00000	0.00000	68.24000	0.0	0.0	0.0
				82.00000	0.00000	68.24000	0.0	0.0	0.0
				83.00000	0.00000	68.24000	0.0	0.0	0.0
				84.00000	0.00000	68.24000	0.0	0.0	0.0
				85.00000	0.00000	68.24000	0.0	0.0	0.0
				86.00000	0.00000	68.24000	0.0	0.0	0.0
				87.00000	0.00000	68.24000	0.0	0.0	0.0
				88.00000	0.00000	68.24000	0.0	0.0	0.0
				89.00000	0.00000	68.24000	0.0	0.0	0.0
				90.00000	0.00000	68.24000	0.0	0.0	0.0
				91.00000	0.00000	68.24000	0.0	0.0	0.0
				92.00000	0.00000	68.24000	0.0	0.0	0.0
				93.00000	0.00000	68.24000	0.0	0.0	0.0
				94.00000	0.00000	68.24000	0.0	0.0	0.0
				95.00000	0.00000	68.24000	0.0	0.0	0.0
				96.00000	0.00000	68.24000	0.0	0.0	0.0
				97.00000	0.00000	68.24000	0.0	0.0	0.0
				98.00000	0.00000	68.24000	0.0	0.0	0.0
				99.00000	0.00000	68.24000	0.0	0.0	0.0
				100.00000	0.00000	68.24000	0.0	0.0	0.0
				0.00000	1.00000	68.24000	0.0	0.0	0.0
				1.00000	1.00000	68.24000	0.0	0.0	0.0
				2.00000	1.00000	68.24000	0.0	0.0	0.0
				3.00000	1.00000	68.24000	0.0	0.0	0.0
				4.00000	1.00000	68.24000	0.0	0.0	0.0
				5.00000	1.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				6.00000	1.00000	68.24000	0.0	0.0	0.0
				7.00000	1.00000	68.24000	0.0	0.0	0.0
				8.00000	1.00000	68.24000	0.0	0.0	0.0
				9.00000	1.00000	68.24000	0.0	0.0	0.0
				10.00000	1.00000	68.24000	0.0	0.0	0.0
				11.00000	1.00000	68.24000	0.0	0.0	0.0
				12.00000	1.00000	68.24000	0.0	0.0	0.0
				13.00000	1.00000	68.24000	0.0	0.0	0.0
				14.00000	1.00000	68.24000	0.0	0.0	0.0
				15.00000	1.00000	68.24000	0.0	0.0	0.0
				16.00000	1.00000	68.24000	0.0	0.0	0.0
				17.00000	1.00000	68.24000	0.0	0.0	0.0
				18.00000	1.00000	68.24000	0.0	0.0	0.0
				19.00000	1.00000	68.24000	0.0	0.0	0.0
				20.00000	1.00000	68.24000	0.0	0.0	0.0
				21.00000	1.00000	68.24000	0.0	0.0	0.0
				22.00000	1.00000	68.24000	0.0	0.0	0.0
				23.00000	1.00000	68.24000	0.0	0.0	0.0
				24.00000	1.00000	68.24000	0.0	0.0	0.0
				25.00000	1.00000	68.24000	0.0	0.0	0.0
				26.00000	1.00000	68.24000	0.0	0.0	0.0
				27.00000	1.00000	68.24000	0.0	0.0	0.0
				28.00000	1.00000	68.24000	0.0	0.0	0.0
				29.00000	1.00000	68.24000	0.0	0.0	0.0
				30.00000	1.00000	68.24000	0.0	0.0	0.0
				31.00000	1.00000	68.24000	0.0	0.0	0.0
				32.00000	1.00000	68.24000	0.0	0.0	0.0
				33.00000	1.00000	68.24000	0.0	0.0	0.0
				34.00000	1.00000	68.24000	0.0	0.0	0.0
				35.00000	1.00000	68.24000	0.0	0.0	0.0
				36.00000	1.00000	68.24000	0.0	0.0	0.0
				37.00000	1.00000	68.24000	0.0	0.0	0.0
				38.00000	1.00000	68.24000	0.0	0.0	0.0
				39.00000	1.00000	68.24000	0.0	0.0	0.0
				40.00000	1.00000	68.24000	0.0	0.0	0.0
				41.00000	1.00000	68.24000	0.0	0.0	0.0
				42.00000	1.00000	68.24000	0.0	0.0	0.0
				43.00000	1.00000	68.24000	0.0	0.0	0.0
				44.00000	1.00000	68.24000	0.0	0.0	0.0
				45.00000	1.00000	68.24000	0.0	0.0	0.0
				46.00000	1.00000	68.24000	0.0	0.0	0.0
				47.00000	1.00000	68.24000	0.0	0.0	0.0
				48.00000	1.00000	68.24000	0.0	0.0	0.0
				49.00000	1.00000	68.24000	0.0	0.0	0.0
				50.00000	1.00000	68.24000	0.0	0.0	0.0
				51.00000	1.00000	68.24000	0.0	0.0	0.0
				52.00000	1.00000	68.24000	0.0	0.0	0.0
				53.00000	1.00000	68.24000	0.0	0.0	0.0
				54.00000	1.00000	68.24000	0.0	0.0	0.0
				55.00000	1.00000	68.24000	0.0	0.0	0.0
				56.00000	1.00000	68.24000	0.0	0.0	0.0
				57.00000	1.00000	68.24000	0.0	0.0	0.0
				58.00000	1.00000	68.24000	0.0	0.0	0.0
				59.00000	1.00000	68.24000	0.0	0.0	0.0
				60.00000	1.00000	68.24000	0.0	0.0	0.0
				61.00000	1.00000	68.24000	0.0	0.0	0.0
				62.00000	1.00000	68.24000	0.0	0.0	0.0
				63.00000	1.00000	68.24000	0.0	0.0	0.0
				64.00000	1.00000	68.24000	0.0	0.0	0.0
				65.00000	1.00000	68.24000	0.0	0.0	0.0
				66.00000	1.00000	68.24000	0.0	0.0	0.0
				67.00000	1.00000	68.24000	0.0	0.0	0.0
				68.00000	1.00000	68.24000	0.0	0.0	0.0
				69.00000	1.00000	68.24000	0.0	0.0	0.0
				70.00000	1.00000	68.24000	0.0	0.0	0.0
				71.00000	1.00000	68.24000	0.0	0.0	0.0
				72.00000	1.00000	68.24000	0.0	0.0	0.0
				73.00000	1.00000	68.24000	0.0	0.0	0.0
				74.00000	1.00000	68.24000	0.0	0.0	0.0
				75.00000	1.00000	68.24000	0.0	0.0	0.0
				76.00000	1.00000	68.24000	0.0	0.0	0.0
				77.00000	1.00000	68.24000	0.0	0.0	0.0
				78.00000	1.00000	68.24000	0.0	0.0	0.0
				79.00000	1.00000	68.24000	0.0	0.0	0.0
				80.00000	1.00000	68.24000	0.0	0.0	0.0
				81.00000	1.00000	68.24000	0.0	0.0	0.0
				82.00000	1.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				83.00000	1.00000	68.24000	0.0	0.0	0.0
				84.00000	1.00000	68.24000	0.0	0.0	0.0
				85.00000	1.00000	68.24000	0.0	0.0	0.0
				86.00000	1.00000	68.24000	0.0	0.0	0.0
				87.00000	1.00000	68.24000	0.0	0.0	0.0
				88.00000	1.00000	68.24000	0.0	0.0	0.0
				89.00000	1.00000	68.24000	0.0	0.0	0.0
				90.00000	1.00000	68.24000	0.0	0.0	0.0
				91.00000	1.00000	68.24000	0.0	0.0	0.0
				92.00000	1.00000	68.24000	0.0	0.0	0.0
				93.00000	1.00000	68.24000	0.0	0.0	0.0
				94.00000	1.00000	68.24000	0.0	0.0	0.0
				95.00000	1.00000	68.24000	0.0	0.0	0.0
				96.00000	1.00000	68.24000	0.0	0.0	0.0
				97.00000	1.00000	68.24000	0.0	0.0	0.0
				98.00000	1.00000	68.24000	0.0	0.0	0.0
				99.00000	1.00000	68.24000	0.0	0.0	0.0
				100.00000	1.00000	68.24000	0.0	0.0	0.0
				0.00000	2.00000	68.24000	0.0	0.0	0.0
				1.00000	2.00000	68.24000	0.0	0.0	0.0
				2.00000	2.00000	68.24000	0.0	0.0	0.0
				3.00000	2.00000	68.24000	0.0	0.0	0.0
				4.00000	2.00000	68.24000	0.0	0.0	0.0
				5.00000	2.00000	68.24000	0.0	0.0	0.0
				6.00000	2.00000	68.24000	0.0	0.0	0.0
				7.00000	2.00000	68.24000	0.0	0.0	0.0
				8.00000	2.00000	68.24000	0.0	0.0	0.0
				9.00000	2.00000	68.24000	0.0	0.0	0.0
				10.00000	2.00000	68.24000	0.0	0.0	0.0
				11.00000	2.00000	68.24000	0.0	0.0	0.0
				12.00000	2.00000	68.24000	0.0	0.0	0.0
				13.00000	2.00000	68.24000	0.0	0.0	0.0
				14.00000	2.00000	68.24000	0.0	0.0	0.0
				15.00000	2.00000	68.24000	0.0	0.0	0.0
				16.00000	2.00000	68.24000	0.0	0.0	0.0
				17.00000	2.00000	68.24000	0.0	0.0	0.0
				18.00000	2.00000	68.24000	0.0	0.0	0.0
				19.00000	2.00000	68.24000	0.0	0.0	0.0
				20.00000	2.00000	68.24000	0.0	0.0	0.0
				21.00000	2.00000	68.24000	0.0	0.0	0.0
				22.00000	2.00000	68.24000	0.0	0.0	0.0
				23.00000	2.00000	68.24000	0.0	0.0	0.0
				24.00000	2.00000	68.24000	0.0	0.0	0.0
				25.00000	2.00000	68.24000	0.0	0.0	0.0
				26.00000	2.00000	68.24000	0.0	0.0	0.0
				27.00000	2.00000	68.24000	0.0	0.0	0.0
				28.00000	2.00000	68.24000	0.0	0.0	0.0
				29.00000	2.00000	68.24000	0.0	0.0	0.0
				30.00000	2.00000	68.24000	0.0	0.0	0.0
				31.00000	2.00000	68.24000	0.0	0.0	0.0
				32.00000	2.00000	68.24000	0.0	0.0	0.0
				33.00000	2.00000	68.24000	0.0	0.0	0.0
				34.00000	2.00000	68.24000	0.0	0.0	0.0
				35.00000	2.00000	68.24000	0.0	0.0	0.0
				36.00000	2.00000	68.24000	0.0	0.0	0.0
				37.00000	2.00000	68.24000	0.0	0.0	0.0
				38.00000	2.00000	68.24000	0.0	0.0	0.0
				39.00000	2.00000	68.24000	0.0	0.0	0.0
				40.00000	2.00000	68.24000	0.0	0.0	0.0
				41.00000	2.00000	68.24000	0.0	0.0	0.0
				42.00000	2.00000	68.24000	0.0	0.0	0.0
				43.00000	2.00000	68.24000	0.0	0.0	0.0
				44.00000	2.00000	68.24000	0.0	0.0	0.0
				45.00000	2.00000	68.24000	0.0	0.0	0.0
				46.00000	2.00000	68.24000	0.0	0.0	0.0
				47.00000	2.00000	68.24000	0.0	0.0	0.0
				48.00000	2.00000	68.24000	0.0	0.0	0.0
				49.00000	2.00000	68.24000	0.0	0.0	0.0
				50.00000	2.00000	68.24000	0.0	0.0	0.0
				51.00000	2.00000	68.24000	0.0	0.0	0.0
				52.00000	2.00000	68.24000	0.0	0.0	0.0
				53.00000	2.00000	68.24000	0.0	0.0	0.0
				54.00000	2.00000	68.24000	0.0	0.0	0.0
				55.00000	2.00000	68.24000	0.0	0.0	0.0
				56.00000	2.00000	68.24000	0.0	0.0	0.0
				57.00000	2.00000	68.24000	0.0	0.0	0.0
				58.00000	2.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.00000	2.00000	68.24000	0.0	0.0	0.0
				60.00000	2.00000	68.24000	0.0	0.0	0.0
				61.00000	2.00000	68.24000	0.0	0.0	0.0
				62.00000	2.00000	68.24000	0.0	0.0	0.0
				63.00000	2.00000	68.24000	0.0	0.0	0.0
				64.00000	2.00000	68.24000	0.0	0.0	0.0
				65.00000	2.00000	68.24000	0.0	0.0	0.0
				66.00000	2.00000	68.24000	0.0	0.0	0.0
				67.00000	2.00000	68.24000	0.0	0.0	0.0
				68.00000	2.00000	68.24000	0.0	0.0	0.0
				69.00000	2.00000	68.24000	0.0	0.0	0.0
				70.00000	2.00000	68.24000	0.0	0.0	0.0
				71.00000	2.00000	68.24000	0.0	0.0	0.0
				72.00000	2.00000	68.24000	0.0	0.0	0.0
				73.00000	2.00000	68.24000	0.0	0.0	0.0
				74.00000	2.00000	68.24000	0.0	0.0	0.0
				75.00000	2.00000	68.24000	0.0	0.0	0.0
				76.00000	2.00000	68.24000	0.0	0.0	0.0
				77.00000	2.00000	68.24000	0.0	0.0	0.0
				78.00000	2.00000	68.24000	0.0	0.0	0.0
				79.00000	2.00000	68.24000	0.0	0.0	0.0
				80.00000	2.00000	68.24000	0.0	0.0	0.0
				81.00000	2.00000	68.24000	0.0	0.0	0.0
				82.00000	2.00000	68.24000	0.0	0.0	0.0
				83.00000	2.00000	68.24000	0.0	0.0	0.0
				84.00000	2.00000	68.24000	0.0	0.0	0.0
				85.00000	2.00000	68.24000	0.0	0.0	0.0
				86.00000	2.00000	68.24000	0.0	0.0	0.0
				87.00000	2.00000	68.24000	0.0	0.0	0.0
				88.00000	2.00000	68.24000	0.0	0.0	0.0
				89.00000	2.00000	68.24000	0.0	0.0	0.0
				90.00000	2.00000	68.24000	0.0	0.0	0.0
				91.00000	2.00000	68.24000	0.0	0.0	0.0
				92.00000	2.00000	68.24000	0.0	0.0	0.0
				93.00000	2.00000	68.24000	0.0	0.0	0.0
				94.00000	2.00000	68.24000	0.0	0.0	0.0
				95.00000	2.00000	68.24000	0.0	0.0	0.0
				96.00000	2.00000	68.24000	0.0	0.0	0.0
				97.00000	2.00000	68.24000	0.0	0.0	0.0
				98.00000	2.00000	68.24000	0.0	0.0	0.0
				99.00000	2.00000	68.24000	0.0	0.0	0.0
				100.00000	2.00000	68.24000	0.0	0.0	0.0
				0.00000	3.00000	68.24000	0.0	0.0	0.0
				1.00000	3.00000	68.24000	0.0	0.0	0.0
				2.00000	3.00000	68.24000	0.0	0.0	0.0
				3.00000	3.00000	68.24000	0.0	0.0	0.0
				4.00000	3.00000	68.24000	0.0	0.0	0.0
				5.00000	3.00000	68.24000	0.0	0.0	0.0
				6.00000	3.00000	68.24000	0.0	0.0	0.0
				7.00000	3.00000	68.24000	0.0	0.0	0.0
				8.00000	3.00000	68.24000	0.0	0.0	0.0
				9.00000	3.00000	68.24000	0.0	0.0	0.0
				10.00000	3.00000	68.24000	0.0	0.0	0.0
				11.00000	3.00000	68.24000	0.0	0.0	0.0
				12.00000	3.00000	68.24000	0.0	0.0	0.0
				13.00000	3.00000	68.24000	0.0	0.0	0.0
				14.00000	3.00000	68.24000	0.0	0.0	0.0
				15.00000	3.00000	68.24000	0.0	0.0	0.0
				16.00000	3.00000	68.24000	0.0	0.0	0.0
				17.00000	3.00000	68.24000	0.0	0.0	0.0
				18.00000	3.00000	68.24000	0.0	0.0	0.0
				19.00000	3.00000	68.24000	0.0	0.0	0.0
				20.00000	3.00000	68.24000	0.0	0.0	0.0
				21.00000	3.00000	68.24000	0.0	0.0	0.0
				22.00000	3.00000	68.24000	0.0	0.0	0.0
				23.00000	3.00000	68.24000	0.0	0.0	0.0
				24.00000	3.00000	68.24000	0.0	0.0	0.0
				25.00000	3.00000	68.24000	0.0	0.0	0.0
				26.00000	3.00000	68.24000	0.0	0.0	0.0
				27.00000	3.00000	68.24000	0.0	0.0	0.0
				28.00000	3.00000	68.24000	0.0	0.0	0.0
				29.00000	3.00000	68.24000	0.0	0.0	0.0
				30.00000	3.00000	68.24000	0.0	0.0	0.0
				31.00000	3.00000	68.24000	0.0	0.0	0.0
				32.00000	3.00000	68.24000	0.0	0.0	0.0
				33.00000	3.00000	68.24000	0.0	0.0	0.0
				34.00000	3.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				35.00000	3.00000	68.24000	0.0	0.0	0.0
				36.00000	3.00000	68.24000	0.0	0.0	0.0
				37.00000	3.00000	68.24000	0.0	0.0	0.0
				38.00000	3.00000	68.24000	0.0	0.0	0.0
				39.00000	3.00000	68.24000	0.0	0.0	0.0
				40.00000	3.00000	68.24000	0.0	0.0	0.0
				41.00000	3.00000	68.24000	0.0	0.0	0.0
				42.00000	3.00000	68.24000	0.0	0.0	0.0
				43.00000	3.00000	68.24000	0.0	0.0	0.0
				44.00000	3.00000	68.24000	0.0	0.0	0.0
				45.00000	3.00000	68.24000	0.0	0.0	0.0
				46.00000	3.00000	68.24000	0.0	0.0	0.0
				47.00000	3.00000	68.24000	0.0	0.0	0.0
				48.00000	3.00000	68.24000	0.0	0.0	0.0
				49.00000	3.00000	68.24000	0.0	0.0	0.0
				50.00000	3.00000	68.24000	0.0	0.0	0.0
				51.00000	3.00000	68.24000	0.0	0.0	0.0
				52.00000	3.00000	68.24000	0.0	0.0	0.0
				53.00000	3.00000	68.24000	0.0	0.0	0.0
				54.00000	3.00000	68.24000	0.0	0.0	0.0
				55.00000	3.00000	68.24000	0.0	0.0	0.0
				56.00000	3.00000	68.24000	0.0	0.0	0.0
				57.00000	3.00000	68.24000	0.0	0.0	0.0
				58.00000	3.00000	68.24000	0.0	0.0	0.0
				59.00000	3.00000	68.24000	0.0	0.0	0.0
				60.00000	3.00000	68.24000	0.0	0.0	0.0
				61.00000	3.00000	68.24000	0.0	0.0	0.0
				62.00000	3.00000	68.24000	0.0	0.0	0.0
				63.00000	3.00000	68.24000	0.0	0.0	0.0
				64.00000	3.00000	68.24000	0.0	0.0	0.0
				65.00000	3.00000	68.24000	0.0	0.0	0.0
				66.00000	3.00000	68.24000	0.0	0.0	0.0
				67.00000	3.00000	68.24000	0.0	0.0	0.0
				68.00000	3.00000	68.24000	0.0	0.0	0.0
				69.00000	3.00000	68.24000	0.0	0.0	0.0
				70.00000	3.00000	68.24000	0.0	0.0	0.0
				71.00000	3.00000	68.24000	0.0	0.0	0.0
				72.00000	3.00000	68.24000	0.0	0.0	0.0
				73.00000	3.00000	68.24000	0.0	0.0	0.0
				74.00000	3.00000	68.24000	0.0	0.0	0.0
				75.00000	3.00000	68.24000	0.0	0.0	0.0
				76.00000	3.00000	68.24000	0.0	0.0	0.0
				77.00000	3.00000	68.24000	0.0	0.0	0.0
				78.00000	3.00000	68.24000	0.0	0.0	0.0
				79.00000	3.00000	68.24000	0.0	0.0	0.0
				80.00000	3.00000	68.24000	0.0	0.0	0.0
				81.00000	3.00000	68.24000	0.0	0.0	0.0
				82.00000	3.00000	68.24000	0.0	0.0	0.0
				83.00000	3.00000	68.24000	0.0	0.0	0.0
				84.00000	3.00000	68.24000	0.0	0.0	0.0
				85.00000	3.00000	68.24000	0.0	0.0	0.0
				86.00000	3.00000	68.24000	0.0	0.0	0.0
				87.00000	3.00000	68.24000	0.0	0.0	0.0
				88.00000	3.00000	68.24000	0.0	0.0	0.0
				89.00000	3.00000	68.24000	0.0	0.0	0.0
				90.00000	3.00000	68.24000	0.0	0.0	0.0
				91.00000	3.00000	68.24000	0.0	0.0	0.0
				92.00000	3.00000	68.24000	0.0	0.0	0.0
				93.00000	3.00000	68.24000	0.0	0.0	0.0
				94.00000	3.00000	68.24000	0.0	0.0	0.0
				95.00000	3.00000	68.24000	0.0	0.0	0.0
				96.00000	3.00000	68.24000	0.0	0.0	0.0
				97.00000	3.00000	68.24000	0.0	0.0	0.0
				98.00000	3.00000	68.24000	0.0	0.0	0.0
				99.00000	3.00000	68.24000	0.0	0.0	0.0
				100.00000	3.00000	68.24000	0.0	0.0	0.0
				0.00000	4.00000	68.24000	0.0	0.0	0.0
				1.00000	4.00000	68.24000	0.0	0.0	0.0
				2.00000	4.00000	68.24000	0.0	0.0	0.0
				3.00000	4.00000	68.24000	0.0	0.0	0.0
				4.00000	4.00000	68.24000	0.0	0.0	0.0
				5.00000	4.00000	68.24000	0.0	0.0	0.0
				6.00000	4.00000	68.24000	0.0	0.0	0.0
				7.00000	4.00000	68.24000	0.0	0.0	0.0
				8.00000	4.00000	68.24000	0.0	0.0	0.0
				9.00000	4.00000	68.24000	0.0	0.0	0.0
				10.00000	4.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				11.00000	4.00000	68.24000	0.0	0.0	0.0
				12.00000	4.00000	68.24000	0.0	0.0	0.0
				13.00000	4.00000	68.24000	0.0	0.0	0.0
				14.00000	4.00000	68.24000	0.0	0.0	0.0
				15.00000	4.00000	68.24000	0.0	0.0	0.0
				16.00000	4.00000	68.24000	0.0	0.0	0.0
				17.00000	4.00000	68.24000	0.0	0.0	0.0
				18.00000	4.00000	68.24000	0.0	0.0	0.0
				19.00000	4.00000	68.24000	0.0	0.0	0.0
				20.00000	4.00000	68.24000	0.0	0.0	0.0
				21.00000	4.00000	68.24000	0.0	0.0	0.0
				22.00000	4.00000	68.24000	0.0	0.0	0.0
				23.00000	4.00000	68.24000	0.0	0.0	0.0
				24.00000	4.00000	68.24000	0.0	0.0	0.0
				25.00000	4.00000	68.24000	0.0	0.0	0.0
				26.00000	4.00000	68.24000	0.0	0.0	0.0
				27.00000	4.00000	68.24000	0.0	0.0	0.0
				28.00000	4.00000	68.24000	0.0	0.0	0.0
				29.00000	4.00000	68.24000	0.0	0.0	0.0
				30.00000	4.00000	68.24000	0.0	0.0	0.0
				31.00000	4.00000	68.24000	0.0	0.0	0.0
				32.00000	4.00000	68.24000	0.0	0.0	0.0
				33.00000	4.00000	68.24000	0.0	0.0	0.0
				34.00000	4.00000	68.24000	0.0	0.0	0.0
				35.00000	4.00000	68.24000	0.0	0.0	0.0
				36.00000	4.00000	68.24000	0.0	0.0	0.0
				37.00000	4.00000	68.24000	0.0	0.0	0.0
				38.00000	4.00000	68.24000	0.0	0.0	0.0
				39.00000	4.00000	68.24000	0.0	0.0	0.0
				40.00000	4.00000	68.24000	0.0	0.0	0.0
				41.00000	4.00000	68.24000	0.0	0.0	0.0
				42.00000	4.00000	68.24000	0.0	0.0	0.0
				43.00000	4.00000	68.24000	0.0	0.0	0.0
				44.00000	4.00000	68.24000	0.0	0.0	0.0
				45.00000	4.00000	68.24000	0.0	0.0	0.0
				46.00000	4.00000	68.24000	0.0	0.0	0.0
				47.00000	4.00000	68.24000	0.0	0.0	0.0
				48.00000	4.00000	68.24000	0.0	0.0	0.0
				49.00000	4.00000	68.24000	0.0	0.0	0.0
				50.00000	4.00000	68.24000	0.0	0.0	0.0
				51.00000	4.00000	68.24000	0.0	0.0	0.0
				52.00000	4.00000	68.24000	0.0	0.0	0.0
				53.00000	4.00000	68.24000	0.0	0.0	0.0
				54.00000	4.00000	68.24000	0.0	0.0	0.0
				55.00000	4.00000	68.24000	0.0	0.0	0.0
				56.00000	4.00000	68.24000	0.0	0.0	0.0
				57.00000	4.00000	68.24000	0.0	0.0	0.0
				58.00000	4.00000	68.24000	0.0	0.0	0.0
				59.00000	4.00000	68.24000	0.0	0.0	0.0
				60.00000	4.00000	68.24000	0.0	0.0	0.0
				61.00000	4.00000	68.24000	0.0	0.0	0.0
				62.00000	4.00000	68.24000	0.0	0.0	0.0
				63.00000	4.00000	68.24000	0.0	0.0	0.0
				64.00000	4.00000	68.24000	0.0	0.0	0.0
				65.00000	4.00000	68.24000	0.0	0.0	0.0
				66.00000	4.00000	68.24000	0.0	0.0	0.0
				67.00000	4.00000	68.24000	0.0	0.0	0.0
				68.00000	4.00000	68.24000	0.0	0.0	0.0
				69.00000	4.00000	68.24000	0.0	0.0	0.0
				70.00000	4.00000	68.24000	0.0	0.0	0.0
				71.00000	4.00000	68.24000	0.0	0.0	0.0
				72.00000	4.00000	68.24000	0.0	0.0	0.0
				73.00000	4.00000	68.24000	0.0	0.0	0.0
				74.00000	4.00000	68.24000	0.0	0.0	0.0
				75.00000	4.00000	68.24000	0.0	0.0	0.0
				76.00000	4.00000	68.24000	0.0	0.0	0.0
				77.00000	4.00000	68.24000	0.0	0.0	0.0
				78.00000	4.00000	68.24000	0.0	0.0	0.0
				79.00000	4.00000	68.24000	0.0	0.0	0.0
				80.00000	4.00000	68.24000	0.0	0.0	0.0
				81.00000	4.00000	68.24000	0.0	0.0	0.0
				82.00000	4.00000	68.24000	0.0	0.0	0.0
				83.00000	4.00000	68.24000	0.0	0.0	0.0
				84.00000	4.00000	68.24000	0.0	0.0	0.0
				85.00000	4.00000	68.24000	0.0	0.0	0.0
				86.00000	4.00000	68.24000	0.0	0.0	0.0
				87.00000	4.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
88.00000		4.00000		68.24000			0.0	0.0	0.0
89.00000		4.00000		68.24000			0.0	0.0	0.0
90.00000		4.00000		68.24000			0.0	0.0	0.0
91.00000		4.00000		68.24000			0.0	0.0	0.0
92.00000		4.00000		68.24000			0.0	0.0	0.0
93.00000		4.00000		68.24000			0.0	0.0	0.0
94.00000		4.00000		68.24000			0.0	0.0	0.0
95.00000		4.00000		68.24000			0.0	0.0	0.0
96.00000		4.00000		68.24000			0.0	0.0	0.0
97.00000		4.00000		68.24000			0.0	0.0	0.0
98.00000		4.00000		68.24000			0.0	0.0	0.0
99.00000		4.00000		68.24000			0.0	0.0	0.0
100.00000		4.00000		68.24000			0.0	0.0	0.0
0.00000		5.00000		68.24000			0.0	0.0	0.0
1.00000		5.00000		68.24000			0.0	0.0	0.0
2.00000		5.00000		68.24000			0.0	0.0	0.0
3.00000		5.00000		68.24000			0.0	0.0	0.0
4.00000		5.00000		68.24000			0.0	0.0	0.0
5.00000		5.00000		68.24000			0.0	0.0	0.0
6.00000		5.00000		68.24000			0.0	0.0	0.0
7.00000		5.00000		68.24000			0.0	0.0	0.0
8.00000		5.00000		68.24000			0.0	0.0	0.0
9.00000		5.00000		68.24000			0.0	0.0	0.0
10.00000		5.00000		68.24000			0.0	0.0	0.0
11.00000		5.00000		68.24000			0.0	0.0	0.0
12.00000		5.00000		68.24000			0.0	0.0	0.0
13.00000		5.00000		68.24000			0.0	0.0	0.0
14.00000		5.00000		68.24000			0.0	0.0	0.0
15.00000		5.00000		68.24000			0.0	0.0	0.0
16.00000		5.00000		68.24000			0.0	0.0	0.0
17.00000		5.00000		68.24000			0.0	0.0	0.0
18.00000		5.00000		68.24000			0.0	0.0	0.0
19.00000		5.00000		68.24000			0.0	0.0	0.0
20.00000		5.00000		68.24000			0.0	0.0	0.0
21.00000		5.00000		68.24000			0.0	0.0	0.0
22.00000		5.00000		68.24000			0.0	0.0	0.0
23.00000		5.00000		68.24000			0.0	0.0	0.0
24.00000		5.00000		68.24000			0.0	0.0	0.0
25.00000		5.00000		68.24000			0.0	0.0	0.0
26.00000		5.00000		68.24000			0.0	0.0	0.0
27.00000		5.00000		68.24000			0.0	0.0	0.0
28.00000		5.00000		68.24000			0.0	0.0	0.0
29.00000		5.00000		68.24000			0.0	0.0	0.0
30.00000		5.00000		68.24000			0.0	0.0	0.0
31.00000		5.00000		68.24000			0.0	0.0	0.0
32.00000		5.00000		68.24000			0.0	0.0	0.0
33.00000		5.00000		68.24000			0.0	0.0	0.0
34.00000		5.00000		68.24000			0.0	0.0	0.0
35.00000		5.00000		68.24000			0.0	0.0	0.0
36.00000		5.00000		68.24000			0.0	0.0	0.0
37.00000		5.00000		68.24000			0.0	0.0	0.0
38.00000		5.00000		68.24000			0.0	0.0	0.0
39.00000		5.00000		68.24000			0.0	0.0	0.0
40.00000		5.00000		68.24000			0.0	0.0	0.0
41.00000		5.00000		68.24000			0.0	0.0	0.0
42.00000		5.00000		68.24000			0.0	0.0	0.0
43.00000		5.00000		68.24000			0.0	0.0	0.0
44.00000		5.00000		68.24000			0.0	0.0	0.0
45.00000		5.00000		68.24000			0.0	0.0	0.0
46.00000		5.00000		68.24000			0.0	0.0	0.0
47.00000		5.00000		68.24000			0.0	0.0	0.0
48.00000		5.00000		68.24000			0.0	0.0	0.0
49.00000		5.00000		68.24000			0.0	0.0	0.0
50.00000		5.00000		68.24000			0.0	0.0	0.0
51.00000		5.00000		68.24000			0.0	0.0	0.0
52.00000		5.00000		68.24000			0.0	0.0	0.0
53.00000		5.00000		68.24000			0.0	0.0	0.0
54.00000		5.00000		68.24000			0.0	0.0	0.0
55.00000		5.00000		68.24000			0.0	0.0	0.0
56.00000		5.00000		68.24000			0.0	0.0	0.0
57.00000		5.00000		68.24000			0.0	0.0	0.0
58.00000		5.00000		68.24000			0.0	0.0	0.0
59.00000		5.00000		68.24000			0.0	0.0	0.0
60.00000		5.00000		68.24000			0.0	0.0	0.0
61.00000		5.00000		68.24000			0.0	0.0	0.0
62.00000		5.00000		68.24000			0.0	0.0	0.0
63.00000		5.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				64.00000	5.00000	68.24000	0.0	0.0	0.0
				65.00000	5.00000	68.24000	0.0	0.0	0.0
				66.00000	5.00000	68.24000	0.0	0.0	0.0
				67.00000	5.00000	68.24000	0.0	0.0	0.0
				68.00000	5.00000	68.24000	0.0	0.0	0.0
				69.00000	5.00000	68.24000	0.0	0.0	0.0
				70.00000	5.00000	68.24000	0.0	0.0	0.0
				71.00000	5.00000	68.24000	0.0	0.0	0.0
				72.00000	5.00000	68.24000	0.0	0.0	0.0
				73.00000	5.00000	68.24000	0.0	0.0	0.0
				74.00000	5.00000	68.24000	0.0	0.0	0.0
				75.00000	5.00000	68.24000	0.0	0.0	0.0
				76.00000	5.00000	68.24000	0.0	0.0	0.0
				77.00000	5.00000	68.24000	0.0	0.0	0.0
				78.00000	5.00000	68.24000	0.0	0.0	0.0
				79.00000	5.00000	68.24000	0.0	0.0	0.0
				80.00000	5.00000	68.24000	0.0	0.0	0.0
				81.00000	5.00000	68.24000	0.0	0.0	0.0
				82.00000	5.00000	68.24000	0.0	0.0	0.0
				83.00000	5.00000	68.24000	0.0	0.0	0.0
				84.00000	5.00000	68.24000	0.0	0.0	0.0
				85.00000	5.00000	68.24000	0.0	0.0	0.0
				86.00000	5.00000	68.24000	0.0	0.0	0.0
				87.00000	5.00000	68.24000	0.0	0.0	0.0
				88.00000	5.00000	68.24000	0.0	0.0	0.0
				89.00000	5.00000	68.24000	0.0	0.0	0.0
				90.00000	5.00000	68.24000	0.0	0.0	0.0
				91.00000	5.00000	68.24000	0.0	0.0	0.0
				92.00000	5.00000	68.24000	0.0	0.0	0.0
				93.00000	5.00000	68.24000	0.0	0.0	0.0
				94.00000	5.00000	68.24000	0.0	0.0	0.0
				95.00000	5.00000	68.24000	0.0	0.0	0.0
				96.00000	5.00000	68.24000	0.0	0.0	0.0
				97.00000	5.00000	68.24000	0.0	0.0	0.0
				98.00000	5.00000	68.24000	0.0	0.0	0.0
				99.00000	5.00000	68.24000	0.0	0.0	0.0
				100.00000	5.00000	68.24000	0.0	0.0	0.0
				0.00000	6.00000	68.24000	0.0	0.0	0.0
				1.00000	6.00000	68.24000	0.0	0.0	0.0
				2.00000	6.00000	68.24000	0.0	0.0	0.0
				3.00000	6.00000	68.24000	0.0	0.0	0.0
				4.00000	6.00000	68.24000	0.0	0.0	0.0
				5.00000	6.00000	68.24000	0.0	0.0	0.0
				6.00000	6.00000	68.24000	0.0	0.0	0.0
				7.00000	6.00000	68.24000	0.0	0.0	0.0
				8.00000	6.00000	68.24000	0.0	0.0	0.0
				9.00000	6.00000	68.24000	0.0	0.0	0.0
				10.00000	6.00000	68.24000	0.0	0.0	0.0
				11.00000	6.00000	68.24000	0.0	0.0	0.0
				12.00000	6.00000	68.24000	0.0	0.0	0.0
				13.00000	6.00000	68.24000	0.0	0.0	0.0
				14.00000	6.00000	68.24000	0.0	0.0	0.0
				15.00000	6.00000	68.24000	0.0	0.0	0.0
				16.00000	6.00000	68.24000	0.0	0.0	0.0
				17.00000	6.00000	68.24000	0.0	0.0	0.0
				18.00000	6.00000	68.24000	0.0	0.0	0.0
				19.00000	6.00000	68.24000	0.0	0.0	0.0
				20.00000	6.00000	68.24000	0.0	0.0	0.0
				21.00000	6.00000	68.24000	0.0	0.0	0.0
				22.00000	6.00000	68.24000	0.0	0.0	0.0
				23.00000	6.00000	68.24000	0.0	0.0	0.0
				24.00000	6.00000	68.24000	0.0	0.0	0.0
				25.00000	6.00000	68.24000	0.0	0.0	0.0
				26.00000	6.00000	68.24000	0.0	0.0	0.0
				27.00000	6.00000	68.24000	0.0	0.0	0.0
				28.00000	6.00000	68.24000	0.0	0.0	0.0
				29.00000	6.00000	68.24000	0.0	0.0	0.0
				30.00000	6.00000	68.24000	0.0	0.0	0.0
				31.00000	6.00000	68.24000	0.0	0.0	0.0
				32.00000	6.00000	68.24000	0.0	0.0	0.0
				33.00000	6.00000	68.24000	0.0	0.0	0.0
				34.00000	6.00000	68.24000	0.0	0.0	0.0
				35.00000	6.00000	68.24000	0.0	0.0	0.0
				36.00000	6.00000	68.24000	0.0	0.0	0.0
				37.00000	6.00000	68.24000	0.0	0.0	0.0
				38.00000	6.00000	68.24000	0.0	0.0	0.0
				39.00000	6.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				40.00000	6.00000	68.24000	0.0	0.0	0.0
				41.00000	6.00000	68.24000	0.0	0.0	0.0
				42.00000	6.00000	68.24000	0.0	0.0	0.0
				43.00000	6.00000	68.24000	0.0	0.0	0.0
				44.00000	6.00000	68.24000	0.0	0.0	0.0
				45.00000	6.00000	68.24000	0.0	0.0	0.0
				46.00000	6.00000	68.24000	0.0	0.0	0.0
				47.00000	6.00000	68.24000	0.0	0.0	0.0
				48.00000	6.00000	68.24000	0.0	0.0	0.0
				49.00000	6.00000	68.24000	0.0	0.0	0.0
				50.00000	6.00000	68.24000	0.0	0.0	0.0
				51.00000	6.00000	68.24000	0.0	0.0	0.0
				52.00000	6.00000	68.24000	0.0	0.0	0.0
				53.00000	6.00000	68.24000	0.0	0.0	0.0
				54.00000	6.00000	68.24000	0.0	0.0	0.0
				55.00000	6.00000	68.24000	0.0	0.0	0.0
				56.00000	6.00000	68.24000	0.0	0.0	0.0
				57.00000	6.00000	68.24000	0.0	0.0	0.0
				58.00000	6.00000	68.24000	0.0	0.0	0.0
				59.00000	6.00000	68.24000	0.0	0.0	0.0
				60.00000	6.00000	68.24000	0.0	0.0	0.0
				61.00000	6.00000	68.24000	0.0	0.0	0.0
				62.00000	6.00000	68.24000	0.0	0.0	0.0
				63.00000	6.00000	68.24000	0.0	0.0	0.0
				64.00000	6.00000	68.24000	0.0	0.0	0.0
				65.00000	6.00000	68.24000	0.0	0.0	0.0
				66.00000	6.00000	68.24000	0.0	0.0	0.0
				67.00000	6.00000	68.24000	0.0	0.0	0.0
				68.00000	6.00000	68.24000	0.0	0.0	0.0
				69.00000	6.00000	68.24000	0.0	0.0	0.0
				70.00000	6.00000	68.24000	0.0	0.0	0.0
				71.00000	6.00000	68.24000	0.0	0.0	0.0
				72.00000	6.00000	68.24000	0.0	0.0	0.0
				73.00000	6.00000	68.24000	0.0	0.0	0.0
				74.00000	6.00000	68.24000	0.0	0.0	0.0
				75.00000	6.00000	68.24000	0.0	0.0	0.0
				76.00000	6.00000	68.24000	0.0	0.0	0.0
				77.00000	6.00000	68.24000	0.0	0.0	0.0
				78.00000	6.00000	68.24000	0.0	0.0	0.0
				79.00000	6.00000	68.24000	0.0	0.0	0.0
				80.00000	6.00000	68.24000	0.0	0.0	0.0
				81.00000	6.00000	68.24000	0.0	0.0	0.0
				82.00000	6.00000	68.24000	0.0	0.0	0.0
				83.00000	6.00000	68.24000	0.0	0.0	0.0
				84.00000	6.00000	68.24000	0.0	0.0	0.0
				85.00000	6.00000	68.24000	0.0	0.0	0.0
				86.00000	6.00000	68.24000	0.0	0.0	0.0
				87.00000	6.00000	68.24000	0.0	0.0	0.0
				88.00000	6.00000	68.24000	0.0	0.0	0.0
				89.00000	6.00000	68.24000	0.0	0.0	0.0
				90.00000	6.00000	68.24000	0.0	0.0	0.0
				91.00000	6.00000	68.24000	0.0	0.0	0.0
				92.00000	6.00000	68.24000	0.0	0.0	0.0
				93.00000	6.00000	68.24000	0.0	0.0	0.0
				94.00000	6.00000	68.24000	0.0	0.0	0.0
				95.00000	6.00000	68.24000	0.0	0.0	0.0
				96.00000	6.00000	68.24000	0.0	0.0	0.0
				97.00000	6.00000	68.24000	0.0	0.0	0.0
				98.00000	6.00000	68.24000	0.0	0.0	0.0
				99.00000	6.00000	68.24000	0.0	0.0	0.0
				100.00000	6.00000	68.24000	0.0	0.0	0.0
				0.00000	7.00000	68.24000	0.0	0.0	0.0
				1.00000	7.00000	68.24000	0.0	0.0	0.0
				2.00000	7.00000	68.24000	0.0	0.0	0.0
				3.00000	7.00000	68.24000	0.0	0.0	0.0
				4.00000	7.00000	68.24000	0.0	0.0	0.0
				5.00000	7.00000	68.24000	0.0	0.0	0.0
				6.00000	7.00000	68.24000	0.0	0.0	0.0
				7.00000	7.00000	68.24000	0.0	0.0	0.0
				8.00000	7.00000	68.24000	0.0	0.0	0.0
				9.00000	7.00000	68.24000	0.0	0.0	0.0
				10.00000	7.00000	68.24000	0.0	0.0	0.0
				11.00000	7.00000	68.24000	0.0	0.0	0.0
				12.00000	7.00000	68.24000	0.0	0.0	0.0
				13.00000	7.00000	68.24000	0.0	0.0	0.0
				14.00000	7.00000	68.24000	0.0	0.0	0.0
				15.00000	7.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				16.00000	7.00000	68.24000	0.0	0.0	0.0
				17.00000	7.00000	68.24000	0.0	0.0	0.0
				18.00000	7.00000	68.24000	0.0	0.0	0.0
				19.00000	7.00000	68.24000	0.0	0.0	0.0
				20.00000	7.00000	68.24000	0.0	0.0	0.0
				21.00000	7.00000	68.24000	0.0	0.0	0.0
				22.00000	7.00000	68.24000	0.0	0.0	0.0
				23.00000	7.00000	68.24000	0.0	0.0	0.0
				24.00000	7.00000	68.24000	0.0	0.0	0.0
				25.00000	7.00000	68.24000	0.0	0.0	0.0
				26.00000	7.00000	68.24000	0.0	0.0	0.0
				27.00000	7.00000	68.24000	0.0	0.0	0.0
				28.00000	7.00000	68.24000	0.0	0.0	0.0
				29.00000	7.00000	68.24000	0.0	0.0	0.0
				30.00000	7.00000	68.24000	0.0	0.0	0.0
				31.00000	7.00000	68.24000	0.0	0.0	0.0
				32.00000	7.00000	68.24000	0.0	0.0	0.0
				33.00000	7.00000	68.24000	0.0	0.0	0.0
				34.00000	7.00000	68.24000	0.0	0.0	0.0
				35.00000	7.00000	68.24000	0.0	0.0	0.0
				36.00000	7.00000	68.24000	0.0	0.0	0.0
				37.00000	7.00000	68.24000	0.0	0.0	0.0
				38.00000	7.00000	68.24000	0.0	0.0	0.0
				39.00000	7.00000	68.24000	0.0	0.0	0.0
				40.00000	7.00000	68.24000	0.0	0.0	0.0
				41.00000	7.00000	68.24000	0.0	0.0	0.0
				42.00000	7.00000	68.24000	0.0	0.0	0.0
				43.00000	7.00000	68.24000	0.0	0.0	0.0
				44.00000	7.00000	68.24000	0.0	0.0	0.0
				45.00000	7.00000	68.24000	0.0	0.0	0.0
				46.00000	7.00000	68.24000	0.0	0.0	0.0
				47.00000	7.00000	68.24000	0.0	0.0	0.0
				48.00000	7.00000	68.24000	0.0	0.0	0.0
				49.00000	7.00000	68.24000	0.0	0.0	0.0
				50.00000	7.00000	68.24000	0.0	0.0	0.0
				51.00000	7.00000	68.24000	0.0	0.0	0.0
				52.00000	7.00000	68.24000	0.0	0.0	0.0
				53.00000	7.00000	68.24000	0.0	0.0	0.0
				54.00000	7.00000	68.24000	0.0	0.0	0.0
				55.00000	7.00000	68.24000	0.0	0.0	0.0
				56.00000	7.00000	68.24000	0.0	0.0	0.0
				57.00000	7.00000	68.24000	0.0	0.0	0.0
				58.00000	7.00000	68.24000	0.0	0.0	0.0
				59.00000	7.00000	68.24000	0.0	0.0	0.0
				60.00000	7.00000	68.24000	0.0	0.0	0.0
				61.00000	7.00000	68.24000	0.0	0.0	0.0
				62.00000	7.00000	68.24000	0.0	0.0	0.0
				63.00000	7.00000	68.24000	0.0	0.0	0.0
				64.00000	7.00000	68.24000	0.0	0.0	0.0
				65.00000	7.00000	68.24000	0.0	0.0	0.0
				66.00000	7.00000	68.24000	0.0	0.0	0.0
				67.00000	7.00000	68.24000	0.0	0.0	0.0
				68.00000	7.00000	68.24000	0.0	0.0	0.0
				69.00000	7.00000	68.24000	0.0	0.0	0.0
				70.00000	7.00000	68.24000	0.0	0.0	0.0
				71.00000	7.00000	68.24000	0.0	0.0	0.0
				72.00000	7.00000	68.24000	0.0	0.0	0.0
				73.00000	7.00000	68.24000	0.0	0.0	0.0
				74.00000	7.00000	68.24000	0.0	0.0	0.0
				75.00000	7.00000	68.24000	0.0	0.0	0.0
				76.00000	7.00000	68.24000	0.0	0.0	0.0
				77.00000	7.00000	68.24000	0.0	0.0	0.0
				78.00000	7.00000	68.24000	0.0	0.0	0.0
				79.00000	7.00000	68.24000	0.0	0.0	0.0
				80.00000	7.00000	68.24000	0.0	0.0	0.0
				81.00000	7.00000	68.24000	0.0	0.0	0.0
				82.00000	7.00000	68.24000	0.0	0.0	0.0
				83.00000	7.00000	68.24000	0.0	0.0	0.0
				84.00000	7.00000	68.24000	0.0	0.0	0.0
				85.00000	7.00000	68.24000	0.0	0.0	0.0
				86.00000	7.00000	68.24000	0.0	0.0	0.0
				87.00000	7.00000	68.24000	0.0	0.0	0.0
				88.00000	7.00000	68.24000	0.0	0.0	0.0
				89.00000	7.00000	68.24000	0.0	0.0	0.0
				90.00000	7.00000	68.24000	0.0	0.0	0.0
				91.00000	7.00000	68.24000	0.0	0.0	0.0
				92.00000	7.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				93.00000	7.00000	68.24000	0.0	0.0	0.0
				94.00000	7.00000	68.24000	0.0	0.0	0.0
				95.00000	7.00000	68.24000	0.0	0.0	0.0
				96.00000	7.00000	68.24000	0.0	0.0	0.0
				97.00000	7.00000	68.24000	0.0	0.0	0.0
				98.00000	7.00000	68.24000	0.0	0.0	0.0
				99.00000	7.00000	68.24000	0.0	0.0	0.0
				100.00000	7.00000	68.24000	0.0	0.0	0.0
				0.00000	8.00000	68.24000	0.0	0.0	0.0
				1.00000	8.00000	68.24000	0.0	0.0	0.0
				2.00000	8.00000	68.24000	0.0	0.0	0.0
				3.00000	8.00000	68.24000	0.0	0.0	0.0
				4.00000	8.00000	68.24000	0.0	0.0	0.0
				5.00000	8.00000	68.24000	0.0	0.0	0.0
				6.00000	8.00000	68.24000	0.0	0.0	0.0
				7.00000	8.00000	68.24000	0.0	0.0	0.0
				8.00000	8.00000	68.24000	0.0	0.0	0.0
				9.00000	8.00000	68.24000	0.0	0.0	0.0
				10.00000	8.00000	68.24000	0.0	0.0	0.0
				11.00000	8.00000	68.24000	0.0	0.0	0.0
				12.00000	8.00000	68.24000	0.0	0.0	0.0
				13.00000	8.00000	68.24000	0.0	0.0	0.0
				14.00000	8.00000	68.24000	0.0	0.0	0.0
				15.00000	8.00000	68.24000	0.0	0.0	0.0
				16.00000	8.00000	68.24000	0.0	0.0	0.0
				17.00000	8.00000	68.24000	0.0	0.0	0.0
				18.00000	8.00000	68.24000	0.0	0.0	0.0
				19.00000	8.00000	68.24000	0.0	0.0	0.0
				20.00000	8.00000	68.24000	0.0	0.0	0.0
				21.00000	8.00000	68.24000	0.0	0.0	0.0
				22.00000	8.00000	68.24000	0.0	0.0	0.0
				23.00000	8.00000	68.24000	0.0	0.0	0.0
				24.00000	8.00000	68.24000	0.0	0.0	0.0
				25.00000	8.00000	68.24000	0.0	0.0	0.0
				26.00000	8.00000	68.24000	0.0	0.0	0.0
				27.00000	8.00000	68.24000	0.0	0.0	0.0
				28.00000	8.00000	68.24000	0.0	0.0	0.0
				29.00000	8.00000	68.24000	0.0	0.0	0.0
				30.00000	8.00000	68.24000	0.0	0.0	0.0
				31.00000	8.00000	68.24000	0.0	0.0	0.0
				32.00000	8.00000	68.24000	0.0	0.0	0.0
				33.00000	8.00000	68.24000	0.0	0.0	0.0
				34.00000	8.00000	68.24000	0.0	0.0	0.0
				35.00000	8.00000	68.24000	0.0	0.0	0.0
				36.00000	8.00000	68.24000	0.0	0.0	0.0
				37.00000	8.00000	68.24000	0.0	0.0	0.0
				38.00000	8.00000	68.24000	0.0	0.0	0.0
				39.00000	8.00000	68.24000	0.0	0.0	0.0
				40.00000	8.00000	68.24000	0.0	0.0	0.0
				41.00000	8.00000	68.24000	0.0	0.0	0.0
				42.00000	8.00000	68.24000	0.0	0.0	0.0
				43.00000	8.00000	68.24000	0.0	0.0	0.0
				44.00000	8.00000	68.24000	0.0	0.0	0.0
				45.00000	8.00000	68.24000	0.0	0.0	0.0
				46.00000	8.00000	68.24000	0.0	0.0	0.0
				47.00000	8.00000	68.24000	0.0	0.0	0.0
				48.00000	8.00000	68.24000	0.0	0.0	0.0
				49.00000	8.00000	68.24000	0.0	0.0	0.0
				50.00000	8.00000	68.24000	0.0	0.0	0.0
				51.00000	8.00000	68.24000	0.0	0.0	0.0
				52.00000	8.00000	68.24000	0.0	0.0	0.0
				53.00000	8.00000	68.24000	0.0	0.0	0.0
				54.00000	8.00000	68.24000	0.0	0.0	0.0
				55.00000	8.00000	68.24000	0.0	0.0	0.0
				56.00000	8.00000	68.24000	0.0	0.0	0.0
				57.00000	8.00000	68.24000	0.0	0.0	0.0
				58.00000	8.00000	68.24000	0.0	0.0	0.0
				59.00000	8.00000	68.24000	0.0	0.0	0.0
				60.00000	8.00000	68.24000	0.0	0.0	0.0
				61.00000	8.00000	68.24000	0.0	0.0	0.0
				62.00000	8.00000	68.24000	0.0	0.0	0.0
				63.00000	8.00000	68.24000	0.0	0.0	0.0
				64.00000	8.00000	68.24000	0.0	0.0	0.0
				65.00000	8.00000	68.24000	0.0	0.0	0.0
				66.00000	8.00000	68.24000	0.0	0.0	0.0
				67.00000	8.00000	68.24000	0.0	0.0	0.0
				68.00000	8.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				69.00000	8.00000	68.24000	0.0	0.0	0.0
				70.00000	8.00000	68.24000	0.0	0.0	0.0
				71.00000	8.00000	68.24000	0.0	0.0	0.0
				72.00000	8.00000	68.24000	0.0	0.0	0.0
				73.00000	8.00000	68.24000	0.0	0.0	0.0
				74.00000	8.00000	68.24000	0.0	0.0	0.0
				75.00000	8.00000	68.24000	0.0	0.0	0.0
				76.00000	8.00000	68.24000	0.0	0.0	0.0
				77.00000	8.00000	68.24000	0.0	0.0	0.0
				78.00000	8.00000	68.24000	0.0	0.0	0.0
				79.00000	8.00000	68.24000	0.0	0.0	0.0
				80.00000	8.00000	68.24000	0.0	0.0	0.0
				81.00000	8.00000	68.24000	0.0	0.0	0.0
				82.00000	8.00000	68.24000	0.0	0.0	0.0
				83.00000	8.00000	68.24000	0.0	0.0	0.0
				84.00000	8.00000	68.24000	0.0	0.0	0.0
				85.00000	8.00000	68.24000	0.0	0.0	0.0
				86.00000	8.00000	68.24000	0.0	0.0	0.0
				87.00000	8.00000	68.24000	0.0	0.0	0.0
				88.00000	8.00000	68.24000	0.0	0.0	0.0
				89.00000	8.00000	68.24000	0.0	0.0	0.0
				90.00000	8.00000	68.24000	0.0	0.0	0.0
				91.00000	8.00000	68.24000	0.0	0.0	0.0
				92.00000	8.00000	68.24000	0.0	0.0	0.0
				93.00000	8.00000	68.24000	0.0	0.0	0.0
				94.00000	8.00000	68.24000	0.0	0.0	0.0
				95.00000	8.00000	68.24000	0.0	0.0	0.0
				96.00000	8.00000	68.24000	0.0	0.0	0.0
				97.00000	8.00000	68.24000	0.0	0.0	0.0
				98.00000	8.00000	68.24000	0.0	0.0	0.0
				99.00000	8.00000	68.24000	0.0	0.0	0.0
				100.00000	8.00000	68.24000	0.0	0.0	0.0
				0.00000	9.00000	68.24000	0.0	0.0	0.0
				1.00000	9.00000	68.24000	0.0	0.0	0.0
				2.00000	9.00000	68.24000	0.0	0.0	0.0
				3.00000	9.00000	68.24000	0.0	0.0	0.0
				4.00000	9.00000	68.24000	0.0	0.0	0.0
				5.00000	9.00000	68.24000	0.0	0.0	0.0
				6.00000	9.00000	68.24000	0.0	0.0	0.0
				7.00000	9.00000	68.24000	0.0	0.0	0.0
				8.00000	9.00000	68.24000	0.0	0.0	0.0
				9.00000	9.00000	68.24000	0.0	0.0	0.0
				10.00000	9.00000	68.24000	0.0	0.0	0.0
				11.00000	9.00000	68.24000	0.0	0.0	0.0
				12.00000	9.00000	68.24000	0.0	0.0	0.0
				13.00000	9.00000	68.24000	0.0	0.0	0.0
				14.00000	9.00000	68.24000	0.0	0.0	0.0
				15.00000	9.00000	68.24000	0.0	0.0	0.0
				16.00000	9.00000	68.24000	0.0	0.0	0.0
				17.00000	9.00000	68.24000	0.0	0.0	0.0
				18.00000	9.00000	68.24000	0.0	0.0	0.0
				19.00000	9.00000	68.24000	0.0	0.0	0.0
				20.00000	9.00000	68.24000	0.0	0.0	0.0
				21.00000	9.00000	68.24000	0.0	0.0	0.0
				22.00000	9.00000	68.24000	0.0	0.0	0.0
				23.00000	9.00000	68.24000	0.0	0.0	0.0
				24.00000	9.00000	68.24000	0.0	0.0	0.0
				25.00000	9.00000	68.24000	0.0	0.0	0.0
				26.00000	9.00000	68.24000	0.0	0.0	0.0
				27.00000	9.00000	68.24000	0.0	0.0	0.0
				28.00000	9.00000	68.24000	0.0	0.0	0.0
				29.00000	9.00000	68.24000	0.0	0.0	0.0
				30.00000	9.00000	68.24000	0.0	0.0	0.0
				31.00000	9.00000	68.24000	0.0	0.0	0.0
				32.00000	9.00000	68.24000	0.0	0.0	0.0
				33.00000	9.00000	68.24000	0.0	0.0	0.0
				34.00000	9.00000	68.24000	0.0	0.0	0.0
				35.00000	9.00000	68.24000	0.0	0.0	0.0
				36.00000	9.00000	68.24000	0.0	0.0	0.0
				37.00000	9.00000	68.24000	0.0	0.0	0.0
				38.00000	9.00000	68.24000	0.0	0.0	0.0
				39.00000	9.00000	68.24000	0.0	0.0	0.0
				40.00000	9.00000	68.24000	0.0	0.0	0.0
				41.00000	9.00000	68.24000	0.0	0.0	0.0
				42.00000	9.00000	68.24000	0.0	0.0	0.0
				43.00000	9.00000	68.24000	0.0	0.0	0.0
				44.00000	9.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				45.00000	9.00000	68.24000	0.0	0.0	0.0
				46.00000	9.00000	68.24000	0.0	0.0	0.0
				47.00000	9.00000	68.24000	0.0	0.0	0.0
				48.00000	9.00000	68.24000	0.0	0.0	0.0
				49.00000	9.00000	68.24000	0.0	0.0	0.0
				50.00000	9.00000	68.24000	0.0	0.0	0.0
				51.00000	9.00000	68.24000	0.0	0.0	0.0
				52.00000	9.00000	68.24000	0.0	0.0	0.0
				53.00000	9.00000	68.24000	0.0	0.0	0.0
				54.00000	9.00000	68.24000	0.0	0.0	0.0
				55.00000	9.00000	68.24000	0.0	0.0	0.0
				56.00000	9.00000	68.24000	0.0	0.0	0.0
				57.00000	9.00000	68.24000	0.0	0.0	0.0
				58.00000	9.00000	68.24000	0.0	0.0	0.0
				59.00000	9.00000	68.24000	0.0	0.0	0.0
				60.00000	9.00000	68.24000	0.0	0.0	0.0
				61.00000	9.00000	68.24000	0.0	0.0	0.0
				62.00000	9.00000	68.24000	0.0	0.0	0.0
				63.00000	9.00000	68.24000	0.0	0.0	0.0
				64.00000	9.00000	68.24000	0.0	0.0	0.0
				65.00000	9.00000	68.24000	0.0	0.0	0.0
				66.00000	9.00000	68.24000	0.0	0.0	0.0
				67.00000	9.00000	68.24000	0.0	0.0	0.0
				68.00000	9.00000	68.24000	0.0	0.0	0.0
				69.00000	9.00000	68.24000	0.0	0.0	0.0
				70.00000	9.00000	68.24000	0.0	0.0	0.0
				71.00000	9.00000	68.24000	0.0	0.0	0.0
				72.00000	9.00000	68.24000	0.0	0.0	0.0
				73.00000	9.00000	68.24000	0.0	0.0	0.0
				74.00000	9.00000	68.24000	0.0	0.0	0.0
				75.00000	9.00000	68.24000	0.0	0.0	0.0
				76.00000	9.00000	68.24000	0.0	0.0	0.0
				77.00000	9.00000	68.24000	0.0	0.0	0.0
				78.00000	9.00000	68.24000	0.0	0.0	0.0
				79.00000	9.00000	68.24000	0.0	0.0	0.0
				80.00000	9.00000	68.24000	0.0	0.0	0.0
				81.00000	9.00000	68.24000	0.0	0.0	0.0
				82.00000	9.00000	68.24000	0.0	0.0	0.0
				83.00000	9.00000	68.24000	0.0	0.0	0.0
				84.00000	9.00000	68.24000	0.0	0.0	0.0
				85.00000	9.00000	68.24000	0.0	0.0	0.0
				86.00000	9.00000	68.24000	0.0	0.0	0.0
				87.00000	9.00000	68.24000	0.0	0.0	0.0
				88.00000	9.00000	68.24000	0.0	0.0	0.0
				89.00000	9.00000	68.24000	0.0	0.0	0.0
				90.00000	9.00000	68.24000	0.0	0.0	0.0
				91.00000	9.00000	68.24000	0.0	0.0	0.0
				92.00000	9.00000	68.24000	0.0	0.0	0.0
				93.00000	9.00000	68.24000	0.0	0.0	0.0
				94.00000	9.00000	68.24000	0.0	0.0	0.0
				95.00000	9.00000	68.24000	0.0	0.0	0.0
				96.00000	9.00000	68.24000	0.0	0.0	0.0
				97.00000	9.00000	68.24000	0.0	0.0	0.0
				98.00000	9.00000	68.24000	0.0	0.0	0.0
				99.00000	9.00000	68.24000	0.0	0.0	0.0
				100.00000	9.00000	68.24000	0.0	0.0	0.0
				0.00000	10.00000	68.24000	0.0	0.0	0.0
				1.00000	10.00000	68.24000	0.0	0.0	0.0
				2.00000	10.00000	68.24000	0.0	0.0	0.0
				3.00000	10.00000	68.24000	0.0	0.0	0.0
				4.00000	10.00000	68.24000	0.0	0.0	0.0
				5.00000	10.00000	68.24000	0.0	0.0	0.0
				6.00000	10.00000	68.24000	0.0	0.0	0.0
				7.00000	10.00000	68.24000	0.0	0.0	0.0
				8.00000	10.00000	68.24000	0.0	0.0	0.0
				9.00000	10.00000	68.24000	0.0	0.0	0.0
				10.00000	10.00000	68.24000	0.0	0.0	0.0
				11.00000	10.00000	68.24000	0.0	0.0	0.0
				12.00000	10.00000	68.24000	0.0	0.0	0.0
				13.00000	10.00000	68.24000	0.0	0.0	0.0
				14.00000	10.00000	68.24000	0.0	0.0	0.0
				15.00000	10.00000	68.24000	0.0	0.0	0.0
				16.00000	10.00000	68.24000	0.0	0.0	0.0
				17.00000	10.00000	68.24000	0.0	0.0	0.0
				18.00000	10.00000	68.24000	0.0	0.0	0.0
				19.00000	10.00000	68.24000	0.0	0.0	0.0
				20.00000	10.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				21.00000	10.00000	68.24000	0.0	0.0	0.0
				22.00000	10.00000	68.24000	0.0	0.0	0.0
				23.00000	10.00000	68.24000	0.0	0.0	0.0
				24.00000	10.00000	68.24000	0.0	0.0	0.0
				25.00000	10.00000	68.24000	0.0	0.0	0.0
				26.00000	10.00000	68.24000	0.0	0.0	0.0
				27.00000	10.00000	68.24000	0.0	0.0	0.0
				28.00000	10.00000	68.24000	0.0	0.0	0.0
				29.00000	10.00000	68.24000	0.0	0.0	0.0
				30.00000	10.00000	68.24000	0.0	0.0	0.0
				31.00000	10.00000	68.24000	0.0	0.0	0.0
				32.00000	10.00000	68.24000	0.0	0.0	0.0
				33.00000	10.00000	68.24000	0.0	0.0	0.0
				34.00000	10.00000	68.24000	0.0	0.0	0.0
				35.00000	10.00000	68.24000	0.0	0.0	0.0
				36.00000	10.00000	68.24000	0.0	0.0	0.0
				37.00000	10.00000	68.24000	0.0	0.0	0.0
				38.00000	10.00000	68.24000	0.0	0.0	0.0
				39.00000	10.00000	68.24000	0.0	0.0	0.0
				40.00000	10.00000	68.24000	0.0	0.0	0.0
				41.00000	10.00000	68.24000	0.0	0.0	0.0
				42.00000	10.00000	68.24000	0.0	0.0	0.0
				43.00000	10.00000	68.24000	0.0	0.0	0.0
				44.00000	10.00000	68.24000	0.0	0.0	0.0
				45.00000	10.00000	68.24000	0.0	0.0	0.0
				46.00000	10.00000	68.24000	0.0	0.0	0.0
				47.00000	10.00000	68.24000	0.0	0.0	0.0
				48.00000	10.00000	68.24000	0.0	0.0	0.0
				49.00000	10.00000	68.24000	0.0	0.0	0.0
				50.00000	10.00000	68.24000	0.0	0.0	0.0
				51.00000	10.00000	68.24000	0.0	0.0	0.0
				52.00000	10.00000	68.24000	0.0	0.0	0.0
				53.00000	10.00000	68.24000	0.0	0.0	0.0
				54.00000	10.00000	68.24000	0.0	0.0	0.0
				55.00000	10.00000	68.24000	0.0	0.0	0.0
				56.00000	10.00000	68.24000	0.0	0.0	0.0
				57.00000	10.00000	68.24000	0.0	0.0	0.0
				58.00000	10.00000	68.24000	0.0	0.0	0.0
				59.00000	10.00000	68.24000	0.0	0.0	0.0
				60.00000	10.00000	68.24000	0.0	0.0	0.0
				61.00000	10.00000	68.24000	0.0	0.0	0.0
				62.00000	10.00000	68.24000	0.0	0.0	0.0
				63.00000	10.00000	68.24000	0.0	0.0	0.0
				64.00000	10.00000	68.24000	0.0	0.0	0.0
				65.00000	10.00000	68.24000	0.0	0.0	0.0
				66.00000	10.00000	68.24000	0.0	0.0	0.0
				67.00000	10.00000	68.24000	0.0	0.0	0.0
				68.00000	10.00000	68.24000	0.0	0.0	0.0
				69.00000	10.00000	68.24000	0.0	0.0	0.0
				70.00000	10.00000	68.24000	0.0	0.0	0.0
				71.00000	10.00000	68.24000	0.0	0.0	0.0
				72.00000	10.00000	68.24000	0.0	0.0	0.0
				73.00000	10.00000	68.24000	0.0	0.0	0.0
				74.00000	10.00000	68.24000	0.0	0.0	0.0
				75.00000	10.00000	68.24000	0.0	0.0	0.0
				76.00000	10.00000	68.24000	0.0	0.0	0.0
				77.00000	10.00000	68.24000	0.0	0.0	0.0
				78.00000	10.00000	68.24000	0.0	0.0	0.0
				79.00000	10.00000	68.24000	0.0	0.0	0.0
				80.00000	10.00000	68.24000	0.0	0.0	0.0
				81.00000	10.00000	68.24000	0.0	0.0	0.0
				82.00000	10.00000	68.24000	0.0	0.0	0.0
				83.00000	10.00000	68.24000	0.0	0.0	0.0
				84.00000	10.00000	68.24000	0.0	0.0	0.0
				85.00000	10.00000	68.24000	0.0	0.0	0.0
				86.00000	10.00000	68.24000	0.0	0.0	0.0
				87.00000	10.00000	68.24000	0.0	0.0	0.0
				88.00000	10.00000	68.24000	0.0	0.0	0.0
				89.00000	10.00000	68.24000	0.0	0.0	0.0
				90.00000	10.00000	68.24000	0.0	0.0	0.0
				91.00000	10.00000	68.24000	0.0	0.0	0.0
				92.00000	10.00000	68.24000	0.0	0.0	0.0
				93.00000	10.00000	68.24000	0.0	0.0	0.0
				94.00000	10.00000	68.24000	0.0	0.0	0.0
				95.00000	10.00000	68.24000	0.0	0.0	0.0
				96.00000	10.00000	68.24000	0.0	0.0	0.0
				97.00000	10.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				98.00000	10.00000	68.24000	0.0	0.0	0.0
				99.00000	10.00000	68.24000	0.0	0.0	0.0
				100.00000	10.00000	68.24000	0.0	0.0	0.0
				0.00000	11.00000	68.24000	0.0	0.0	0.0
				1.00000	11.00000	68.24000	0.0	0.0	0.0
				2.00000	11.00000	68.24000	0.0	0.0	0.0
				3.00000	11.00000	68.24000	0.0	0.0	0.0
				4.00000	11.00000	68.24000	0.0	0.0	0.0
				5.00000	11.00000	68.24000	0.0	0.0	0.0
				6.00000	11.00000	68.24000	0.0	0.0	0.0
				7.00000	11.00000	68.24000	0.0	0.0	0.0
				8.00000	11.00000	68.24000	0.0	0.0	0.0
				9.00000	11.00000	68.24000	0.0	0.0	0.0
				10.00000	11.00000	68.24000	0.0	0.0	0.0
				11.00000	11.00000	68.24000	0.0	0.0	0.0
				12.00000	11.00000	68.24000	0.0	0.0	0.0
				13.00000	11.00000	68.24000	0.0	0.0	0.0
				14.00000	11.00000	68.24000	0.0	0.0	0.0
				15.00000	11.00000	68.24000	0.0	0.0	0.0
				16.00000	11.00000	68.24000	0.0	0.0	0.0
				17.00000	11.00000	68.24000	0.0	0.0	0.0
				18.00000	11.00000	68.24000	0.0	0.0	0.0
				19.00000	11.00000	68.24000	0.0	0.0	0.0
				20.00000	11.00000	68.24000	0.0	0.0	0.0
				21.00000	11.00000	68.24000	0.0	0.0	0.0
				22.00000	11.00000	68.24000	0.0	0.0	0.0
				23.00000	11.00000	68.24000	0.0	0.0	0.0
				24.00000	11.00000	68.24000	0.0	0.0	0.0
				25.00000	11.00000	68.24000	0.0	0.0	0.0
				26.00000	11.00000	68.24000	0.0	0.0	0.0
				27.00000	11.00000	68.24000	0.0	0.0	0.0
				28.00000	11.00000	68.24000	0.0	0.0	0.0
				29.00000	11.00000	68.24000	0.0	0.0	0.0
				30.00000	11.00000	68.24000	0.0	0.0	0.0
				31.00000	11.00000	68.24000	0.0	0.0	0.0
				32.00000	11.00000	68.24000	0.0	0.0	0.0
				33.00000	11.00000	68.24000	0.0	0.0	0.0
				34.00000	11.00000	68.24000	0.0	0.0	0.0
				35.00000	11.00000	68.24000	0.0	0.0	0.0
				36.00000	11.00000	68.24000	0.0	0.0	0.0
				37.00000	11.00000	68.24000	0.0	0.0	0.0
				38.00000	11.00000	68.24000	0.0	0.0	0.0
				39.00000	11.00000	68.24000	0.0	0.0	0.0
				40.00000	11.00000	68.24000	0.0	0.0	0.0
				41.00000	11.00000	68.24000	0.0	0.0	0.0
				42.00000	11.00000	68.24000	0.0	0.0	0.0
				43.00000	11.00000	68.24000	0.0	0.0	0.0
				44.00000	11.00000	68.24000	0.0	0.0	0.0
				45.00000	11.00000	68.24000	0.0	0.0	0.0
				46.00000	11.00000	68.24000	0.0	0.0	0.0
				47.00000	11.00000	68.24000	0.0	0.0	0.0
				48.00000	11.00000	68.24000	0.0	0.0	0.0
				49.00000	11.00000	68.24000	0.0	0.0	0.0
				50.00000	11.00000	68.24000	0.0	0.0	0.0
				51.00000	11.00000	68.24000	0.0	0.0	0.0
				52.00000	11.00000	68.24000	0.0	0.0	0.0
				53.00000	11.00000	68.24000	0.0	0.0	0.0
				54.00000	11.00000	68.24000	0.0	0.0	0.0
				55.00000	11.00000	68.24000	0.0	0.0	0.0
				56.00000	11.00000	68.24000	0.0	0.0	0.0
				57.00000	11.00000	68.24000	0.0	0.0	0.0
				58.00000	11.00000	68.24000	0.0	0.0	0.0
				59.00000	11.00000	68.24000	0.0	0.0	0.0
				60.00000	11.00000	68.24000	0.0	0.0	0.0
				61.00000	11.00000	68.24000	0.0	0.0	0.0
				62.00000	11.00000	68.24000	0.0	0.0	0.0
				63.00000	11.00000	68.24000	0.0	0.0	0.0
				64.00000	11.00000	68.24000	0.0	0.0	0.0
				65.00000	11.00000	68.24000	0.0	0.0	0.0
				66.00000	11.00000	68.24000	0.0	0.0	0.0
				67.00000	11.00000	68.24000	0.0	0.0	0.0
				68.00000	11.00000	68.24000	0.0	0.0	0.0
				69.00000	11.00000	68.24000	0.0	0.0	0.0
				70.00000	11.00000	68.24000	0.0	0.0	0.0
				71.00000	11.00000	68.24000	0.0	0.0	0.0
				72.00000	11.00000	68.24000	0.0	0.0	0.0
				73.00000	11.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				74.00000	11.00000	68.24000	0.0	0.0	0.0
				75.00000	11.00000	68.24000	0.0	0.0	0.0
				76.00000	11.00000	68.24000	0.0	0.0	0.0
				77.00000	11.00000	68.24000	0.0	0.0	0.0
				78.00000	11.00000	68.24000	0.0	0.0	0.0
				79.00000	11.00000	68.24000	0.0	0.0	0.0
				80.00000	11.00000	68.24000	0.0	0.0	0.0
				81.00000	11.00000	68.24000	0.0	0.0	0.0
				82.00000	11.00000	68.24000	0.0	0.0	0.0
				83.00000	11.00000	68.24000	0.0	0.0	0.0
				84.00000	11.00000	68.24000	0.0	0.0	0.0
				85.00000	11.00000	68.24000	0.0	0.0	0.0
				86.00000	11.00000	68.24000	0.0	0.0	0.0
				87.00000	11.00000	68.24000	0.0	0.0	0.0
				88.00000	11.00000	68.24000	0.0	0.0	0.0
				89.00000	11.00000	68.24000	0.0	0.0	0.0
				90.00000	11.00000	68.24000	0.0	0.0	0.0
				91.00000	11.00000	68.24000	0.0	0.0	0.0
				92.00000	11.00000	68.24000	0.0	0.0	0.0
				93.00000	11.00000	68.24000	0.0	0.0	0.0
				94.00000	11.00000	68.24000	0.0	0.0	0.0
				95.00000	11.00000	68.24000	0.0	0.0	0.0
				96.00000	11.00000	68.24000	0.0	0.0	0.0
				97.00000	11.00000	68.24000	0.0	0.0	0.0
				98.00000	11.00000	68.24000	0.0	0.0	0.0
				99.00000	11.00000	68.24000	0.0	0.0	0.0
				100.00000	11.00000	68.24000	0.0	0.0	0.0
				0.00000	12.00000	68.24000	0.0	0.0	0.0
				1.00000	12.00000	68.24000	0.0	0.0	0.0
				2.00000	12.00000	68.24000	0.0	0.0	0.0
				3.00000	12.00000	68.24000	0.0	0.0	0.0
				4.00000	12.00000	68.24000	0.0	0.0	0.0
				5.00000	12.00000	68.24000	0.0	0.0	0.0
				6.00000	12.00000	68.24000	0.0	0.0	0.0
				7.00000	12.00000	68.24000	0.0	0.0	0.0
				8.00000	12.00000	68.24000	0.0	0.0	0.0
				9.00000	12.00000	68.24000	0.0	0.0	0.0
				10.00000	12.00000	68.24000	0.0	0.0	0.0
				11.00000	12.00000	68.24000	0.0	0.0	0.0
				12.00000	12.00000	68.24000	0.0	0.0	0.0
				13.00000	12.00000	68.24000	0.0	0.0	0.0
				14.00000	12.00000	68.24000	0.0	0.0	0.0
				15.00000	12.00000	68.24000	0.0	0.0	0.0
				16.00000	12.00000	68.24000	0.0	0.0	0.0
				17.00000	12.00000	68.24000	0.0	0.0	0.0
				18.00000	12.00000	68.24000	0.0	0.0	0.0
				19.00000	12.00000	68.24000	0.0	0.0	0.0
				20.00000	12.00000	68.24000	0.0	0.0	0.0
				21.00000	12.00000	68.24000	0.0	0.0	0.0
				22.00000	12.00000	68.24000	0.0	0.0	0.0
				23.00000	12.00000	68.24000	0.0	0.0	0.0
				24.00000	12.00000	68.24000	0.0	0.0	0.0
				25.00000	12.00000	68.24000	0.0	0.0	0.0
				26.00000	12.00000	68.24000	0.0	0.0	0.0
				27.00000	12.00000	68.24000	0.0	0.0	0.0
				28.00000	12.00000	68.24000	0.0	0.0	0.0
				29.00000	12.00000	68.24000	0.0	0.0	0.0
				30.00000	12.00000	68.24000	0.0	0.0	0.0
				31.00000	12.00000	68.24000	0.0	0.0	0.0
				32.00000	12.00000	68.24000	0.0	0.0	0.0
				33.00000	12.00000	68.24000	0.0	0.0	0.0
				34.00000	12.00000	68.24000	0.0	0.0	0.0
				35.00000	12.00000	68.24000	0.0	0.0	0.0
				36.00000	12.00000	68.24000	0.0	0.0	0.0
				37.00000	12.00000	68.24000	0.0	0.0	0.0
				38.00000	12.00000	68.24000	0.0	0.0	0.0
				39.00000	12.00000	68.24000	0.0	0.0	0.0
				40.00000	12.00000	68.24000	0.0	0.0	0.0
				41.00000	12.00000	68.24000	0.0	0.0	0.0
				42.00000	12.00000	68.24000	0.0	0.0	0.0
				43.00000	12.00000	68.24000	0.0	0.0	0.0
				44.00000	12.00000	68.24000	0.0	0.0	0.0
				45.00000	12.00000	68.24000	0.0	0.0	0.0
				46.00000	12.00000	68.24000	0.0	0.0	0.0
				47.00000	12.00000	68.24000	0.0	0.0	0.0
				48.00000	12.00000	68.24000	0.0	0.0	0.0
				49.00000	12.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				50.00000	12.00000	68.24000	0.0	0.0	0.0
				51.00000	12.00000	68.24000	0.0	0.0	0.0
				52.00000	12.00000	68.24000	0.0	0.0	0.0
				53.00000	12.00000	68.24000	0.0	0.0	0.0
				54.00000	12.00000	68.24000	0.0	0.0	0.0
				55.00000	12.00000	68.24000	0.0	0.0	0.0
				56.00000	12.00000	68.24000	0.0	0.0	0.0
				57.00000	12.00000	68.24000	0.0	0.0	0.0
				58.00000	12.00000	68.24000	0.0	0.0	0.0
				59.00000	12.00000	68.24000	0.0	0.0	0.0
				60.00000	12.00000	68.24000	0.0	0.0	0.0
				61.00000	12.00000	68.24000	0.0	0.0	0.0
				62.00000	12.00000	68.24000	0.0	0.0	0.0
				63.00000	12.00000	68.24000	0.0	0.0	0.0
				64.00000	12.00000	68.24000	0.0	0.0	0.0
				65.00000	12.00000	68.24000	0.0	0.0	0.0
				66.00000	12.00000	68.24000	0.0	0.0	0.0
				67.00000	12.00000	68.24000	0.0	0.0	0.0
				68.00000	12.00000	68.24000	0.0	0.0	0.0
				69.00000	12.00000	68.24000	0.0	0.0	0.0
				70.00000	12.00000	68.24000	0.0	0.0	0.0
				71.00000	12.00000	68.24000	0.0	0.0	0.0
				72.00000	12.00000	68.24000	0.0	0.0	0.0
				73.00000	12.00000	68.24000	0.0	0.0	0.0
				74.00000	12.00000	68.24000	0.0	0.0	0.0
				75.00000	12.00000	68.24000	0.0	0.0	0.0
				76.00000	12.00000	68.24000	0.0	0.0	0.0
				77.00000	12.00000	68.24000	0.0	0.0	0.0
				78.00000	12.00000	68.24000	0.0	0.0	0.0
				79.00000	12.00000	68.24000	0.0	0.0	0.0
				80.00000	12.00000	68.24000	0.0	0.0	0.0
				81.00000	12.00000	68.24000	0.0	0.0	0.0
				82.00000	12.00000	68.24000	0.0	0.0	0.0
				83.00000	12.00000	68.24000	0.0	0.0	0.0
				84.00000	12.00000	68.24000	0.0	0.0	0.0
				85.00000	12.00000	68.24000	0.0	0.0	0.0
				86.00000	12.00000	68.24000	0.0	0.0	0.0
				87.00000	12.00000	68.24000	0.0	0.0	0.0
				88.00000	12.00000	68.24000	0.0	0.0	0.0
				89.00000	12.00000	68.24000	0.0	0.0	0.0
				90.00000	12.00000	68.24000	0.0	0.0	0.0
				91.00000	12.00000	68.24000	0.0	0.0	0.0
				92.00000	12.00000	68.24000	0.0	0.0	0.0
				93.00000	12.00000	68.24000	0.0	0.0	0.0
				94.00000	12.00000	68.24000	0.0	0.0	0.0
				95.00000	12.00000	68.24000	0.0	0.0	0.0
				96.00000	12.00000	68.24000	0.0	0.0	0.0
				97.00000	12.00000	68.24000	0.0	0.0	0.0
				98.00000	12.00000	68.24000	0.0	0.0	0.0
				99.00000	12.00000	68.24000	0.0	0.0	0.0
				100.00000	12.00000	68.24000	0.0	0.0	0.0
				0.00000	13.00000	68.24000	0.0	0.0	0.0
				1.00000	13.00000	68.24000	0.0	0.0	0.0
				2.00000	13.00000	68.24000	0.0	0.0	0.0
				3.00000	13.00000	68.24000	0.0	0.0	0.0
				4.00000	13.00000	68.24000	0.0	0.0	0.0
				5.00000	13.00000	68.24000	0.0	0.0	0.0
				6.00000	13.00000	68.24000	0.0	0.0	0.0
				7.00000	13.00000	68.24000	0.0	0.0	0.0
				8.00000	13.00000	68.24000	0.0	0.0	0.0
				9.00000	13.00000	68.24000	0.0	0.0	0.0
				10.00000	13.00000	68.24000	0.0	0.0	0.0
				11.00000	13.00000	68.24000	0.0	0.0	0.0
				12.00000	13.00000	68.24000	0.0	0.0	0.0
				13.00000	13.00000	68.24000	0.0	0.0	0.0
				14.00000	13.00000	68.24000	0.0	0.0	0.0
				15.00000	13.00000	68.24000	0.0	0.0	0.0
				16.00000	13.00000	68.24000	0.0	0.0	0.0
				17.00000	13.00000	68.24000	0.0	0.0	0.0
				18.00000	13.00000	68.24000	0.0	0.0	0.0
				19.00000	13.00000	68.24000	0.0	0.0	0.0
				20.00000	13.00000	68.24000	0.0	0.0	0.0
				21.00000	13.00000	68.24000	0.0	0.0	0.0
				22.00000	13.00000	68.24000	0.0	0.0	0.0
				23.00000	13.00000	68.24000	0.0	0.0	0.0
				24.00000	13.00000	68.24000	0.0	0.0	0.0
				25.00000	13.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				26.00000	13.00000	68.24000	0.0	0.0	0.0
				27.00000	13.00000	68.24000	0.0	0.0	0.0
				28.00000	13.00000	68.24000	0.0	0.0	0.0
				29.00000	13.00000	68.24000	0.0	0.0	0.0
				30.00000	13.00000	68.24000	0.0	0.0	0.0
				31.00000	13.00000	68.24000	0.0	0.0	0.0
				32.00000	13.00000	68.24000	0.0	0.0	0.0
				33.00000	13.00000	68.24000	0.0	0.0	0.0
				34.00000	13.00000	68.24000	0.0	0.0	0.0
				35.00000	13.00000	68.24000	0.0	0.0	0.0
				36.00000	13.00000	68.24000	0.0	0.0	0.0
				37.00000	13.00000	68.24000	0.0	0.0	0.0
				38.00000	13.00000	68.24000	0.0	0.0	0.0
				39.00000	13.00000	68.24000	0.0	0.0	0.0
				40.00000	13.00000	68.24000	0.0	0.0	0.0
				41.00000	13.00000	68.24000	0.0	0.0	0.0
				42.00000	13.00000	68.24000	0.0	0.0	0.0
				43.00000	13.00000	68.24000	0.0	0.0	0.0
				44.00000	13.00000	68.24000	0.0	0.0	0.0
				45.00000	13.00000	68.24000	0.0	0.0	0.0
				46.00000	13.00000	68.24000	0.0	0.0	0.0
				47.00000	13.00000	68.24000	0.0	0.0	0.0
				48.00000	13.00000	68.24000	0.0	0.0	0.0
				49.00000	13.00000	68.24000	0.0	0.0	0.0
				50.00000	13.00000	68.24000	0.0	0.0	0.0
				51.00000	13.00000	68.24000	0.0	0.0	0.0
				52.00000	13.00000	68.24000	0.0	0.0	0.0
				53.00000	13.00000	68.24000	0.0	0.0	0.0
				54.00000	13.00000	68.24000	0.0	0.0	0.0
				55.00000	13.00000	68.24000	0.0	0.0	0.0
				56.00000	13.00000	68.24000	0.0	0.0	0.0
				57.00000	13.00000	68.24000	0.0	0.0	0.0
				58.00000	13.00000	68.24000	0.0	0.0	0.0
				59.00000	13.00000	68.24000	0.0	0.0	0.0
				60.00000	13.00000	68.24000	0.0	0.0	0.0
				61.00000	13.00000	68.24000	0.0	0.0	0.0
				62.00000	13.00000	68.24000	0.0	0.0	0.0
				63.00000	13.00000	68.24000	0.0	0.0	0.0
				64.00000	13.00000	68.24000	0.0	0.0	0.0
				65.00000	13.00000	68.24000	0.0	0.0	0.0
				66.00000	13.00000	68.24000	0.0	0.0	0.0
				67.00000	13.00000	68.24000	0.0	0.0	0.0
				68.00000	13.00000	68.24000	0.0	0.0	0.0
				69.00000	13.00000	68.24000	0.0	0.0	0.0
				70.00000	13.00000	68.24000	0.0	0.0	0.0
				71.00000	13.00000	68.24000	0.0	0.0	0.0
				72.00000	13.00000	68.24000	0.0	0.0	0.0
				73.00000	13.00000	68.24000	0.0	0.0	0.0
				74.00000	13.00000	68.24000	0.0	0.0	0.0
				75.00000	13.00000	68.24000	0.0	0.0	0.0
				76.00000	13.00000	68.24000	0.0	0.0	0.0
				77.00000	13.00000	68.24000	0.0	0.0	0.0
				78.00000	13.00000	68.24000	0.0	0.0	0.0
				79.00000	13.00000	68.24000	0.0	0.0	0.0
				80.00000	13.00000	68.24000	0.0	0.0	0.0
				81.00000	13.00000	68.24000	0.0	0.0	0.0
				82.00000	13.00000	68.24000	0.0	0.0	0.0
				83.00000	13.00000	68.24000	0.0	0.0	0.0
				84.00000	13.00000	68.24000	0.0	0.0	0.0
				85.00000	13.00000	68.24000	0.0	0.0	0.0
				86.00000	13.00000	68.24000	0.0	0.0	0.0
				87.00000	13.00000	68.24000	0.0	0.0	0.0
				88.00000	13.00000	68.24000	0.0	0.0	0.0
				89.00000	13.00000	68.24000	0.0	0.0	0.0
				90.00000	13.00000	68.24000	0.0	0.0	0.0
				91.00000	13.00000	68.24000	0.0	0.0	0.0
				92.00000	13.00000	68.24000	0.0	0.0	0.0
				93.00000	13.00000	68.24000	0.0	0.0	0.0
				94.00000	13.00000	68.24000	0.0	0.0	0.0
				95.00000	13.00000	68.24000	0.0	0.0	0.0
				96.00000	13.00000	68.24000	0.0	0.0	0.0
				97.00000	13.00000	68.24000	0.0	0.0	0.0
				98.00000	13.00000	68.24000	0.0	0.0	0.0
				99.00000	13.00000	68.24000	0.0	0.0	0.0
				100.00000	13.00000	68.24000	0.0	0.0	0.0
				0.00000	14.00000	68.24000	0.0	0.0	0.0
				1.00000	14.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
3.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
4.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
5.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
6.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
7.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
8.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
9.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
10.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
11.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
12.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
13.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
14.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
15.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
16.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
17.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
18.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
19.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
20.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
21.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
22.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
23.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
24.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
25.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
26.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
27.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
28.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
29.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
30.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
31.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
32.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
33.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
34.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
35.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
36.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
37.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
38.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
39.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
40.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
41.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
42.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
43.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
44.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
45.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
46.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
47.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
48.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
49.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
50.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
51.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
52.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
53.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
54.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	14.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				79.00000	14.00000	68.24000	0.0	0.0	0.0
				80.00000	14.00000	68.24000	0.0	0.0	0.0
				81.00000	14.00000	68.24000	0.0	0.0	0.0
				82.00000	14.00000	68.24000	0.0	0.0	0.0
				83.00000	14.00000	68.24000	0.0	0.0	0.0
				84.00000	14.00000	68.24000	0.0	0.0	0.0
				85.00000	14.00000	68.24000	0.0	0.0	0.0
				86.00000	14.00000	68.24000	0.0	0.0	0.0
				87.00000	14.00000	68.24000	0.0	0.0	0.0
				88.00000	14.00000	68.24000	0.0	0.0	0.0
				89.00000	14.00000	68.24000	0.0	0.0	0.0
				90.00000	14.00000	68.24000	0.0	0.0	0.0
				91.00000	14.00000	68.24000	0.0	0.0	0.0
				92.00000	14.00000	68.24000	0.0	0.0	0.0
				93.00000	14.00000	68.24000	0.0	0.0	0.0
				94.00000	14.00000	68.24000	0.0	0.0	0.0
				95.00000	14.00000	68.24000	0.0	0.0	0.0
				96.00000	14.00000	68.24000	0.0	0.0	0.0
				97.00000	14.00000	68.24000	0.0	0.0	0.0
				98.00000	14.00000	68.24000	0.0	0.0	0.0
				99.00000	14.00000	68.24000	0.0	0.0	0.0
				100.00000	14.00000	68.24000	0.0	0.0	0.0
				0.00000	15.00000	68.24000	0.0	0.0	0.0
				1.00000	15.00000	68.24000	0.0	0.0	0.0
				2.00000	15.00000	68.24000	0.0	0.0	0.0
				3.00000	15.00000	68.24000	0.0	0.0	0.0
				4.00000	15.00000	68.24000	0.0	0.0	0.0
				5.00000	15.00000	68.24000	0.0	0.0	0.0
				6.00000	15.00000	68.24000	0.0	0.0	0.0
				7.00000	15.00000	68.24000	0.0	0.0	0.0
				8.00000	15.00000	68.24000	0.0	0.0	0.0
				9.00000	15.00000	68.24000	0.0	0.0	0.0
				10.00000	15.00000	68.24000	0.0	0.0	0.0
				11.00000	15.00000	68.24000	0.0	0.0	0.0
				12.00000	15.00000	68.24000	0.0	0.0	0.0
				13.00000	15.00000	68.24000	0.0	0.0	0.0
				14.00000	15.00000	68.24000	0.0	0.0	0.0
				15.00000	15.00000	68.24000	0.0	0.0	0.0
				16.00000	15.00000	68.24000	0.0	0.0	0.0
				17.00000	15.00000	68.24000	0.0	0.0	0.0
				18.00000	15.00000	68.24000	0.0	0.0	0.0
				19.00000	15.00000	68.24000	0.0	0.0	0.0
				20.00000	15.00000	68.24000	0.0	0.0	0.0
				21.00000	15.00000	68.24000	0.0	0.0	0.0
				22.00000	15.00000	68.24000	0.0	0.0	0.0
				23.00000	15.00000	68.24000	0.0	0.0	0.0
				24.00000	15.00000	68.24000	0.0	0.0	0.0
				25.00000	15.00000	68.24000	0.0	0.0	0.0
				26.00000	15.00000	68.24000	0.0	0.0	0.0
				27.00000	15.00000	68.24000	0.0	0.0	0.0
				28.00000	15.00000	68.24000	0.0	0.0	0.0
				29.00000	15.00000	68.24000	0.0	0.0	0.0
				30.00000	15.00000	68.24000	0.0	0.0	0.0
				31.00000	15.00000	68.24000	0.0	0.0	0.0
				32.00000	15.00000	68.24000	0.0	0.0	0.0
				33.00000	15.00000	68.24000	0.0	0.0	0.0
				34.00000	15.00000	68.24000	0.0	0.0	0.0
				35.00000	15.00000	68.24000	0.0	0.0	0.0
				36.00000	15.00000	68.24000	0.0	0.0	0.0
				37.00000	15.00000	68.24000	0.0	0.0	0.0
				38.00000	15.00000	68.24000	0.0	0.0	0.0
				39.00000	15.00000	68.24000	0.0	0.0	0.0
				40.00000	15.00000	68.24000	0.0	0.0	0.0
				41.00000	15.00000	68.24000	0.0	0.0	0.0
				42.00000	15.00000	68.24000	0.0	0.0	0.0
				43.00000	15.00000	68.24000	0.0	0.0	0.0
				44.00000	15.00000	68.24000	0.0	0.0	0.0
				45.00000	15.00000	68.24000	0.0	0.0	0.0
				46.00000	15.00000	68.24000	0.0	0.0	0.0
				47.00000	15.00000	68.24000	0.0	0.0	0.0
				48.00000	15.00000	68.24000	0.0	0.0	0.0
				49.00000	15.00000	68.24000	0.0	0.0	0.0
				50.00000	15.00000	68.24000	0.0	0.0	0.0
				51.00000	15.00000	68.24000	0.0	0.0	0.0
				52.00000	15.00000	68.24000	0.0	0.0	0.0
				53.00000	15.00000	68.24000	0.0	0.0	0.0
				54.00000	15.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				55.00000	15.00000	68.24000	0.0	0.0	0.0
				56.00000	15.00000	68.24000	0.0	0.0	0.0
				57.00000	15.00000	68.24000	0.0	0.0	0.0
				58.00000	15.00000	68.24000	0.0	0.0	0.0
				59.00000	15.00000	68.24000	0.0	0.0	0.0
				60.00000	15.00000	68.24000	0.0	0.0	0.0
				61.00000	15.00000	68.24000	0.0	0.0	0.0
				62.00000	15.00000	68.24000	0.0	0.0	0.0
				63.00000	15.00000	68.24000	0.0	0.0	0.0
				64.00000	15.00000	68.24000	0.0	0.0	0.0
				65.00000	15.00000	68.24000	0.0	0.0	0.0
				66.00000	15.00000	68.24000	0.0	0.0	0.0
				67.00000	15.00000	68.24000	0.0	0.0	0.0
				68.00000	15.00000	68.24000	0.0	0.0	0.0
				69.00000	15.00000	68.24000	0.0	0.0	0.0
				70.00000	15.00000	68.24000	0.0	0.0	0.0
				71.00000	15.00000	68.24000	0.0	0.0	0.0
				72.00000	15.00000	68.24000	0.0	0.0	0.0
				73.00000	15.00000	68.24000	0.0	0.0	0.0
				74.00000	15.00000	68.24000	0.0	0.0	0.0
				75.00000	15.00000	68.24000	0.0	0.0	0.0
				76.00000	15.00000	68.24000	0.0	0.0	0.0
				77.00000	15.00000	68.24000	0.0	0.0	0.0
				78.00000	15.00000	68.24000	0.0	0.0	0.0
				79.00000	15.00000	68.24000	0.0	0.0	0.0
				80.00000	15.00000	68.24000	0.0	0.0	0.0
				81.00000	15.00000	68.24000	0.0	0.0	0.0
				82.00000	15.00000	68.24000	0.0	0.0	0.0
				83.00000	15.00000	68.24000	0.0	0.0	0.0
				84.00000	15.00000	68.24000	0.0	0.0	0.0
				85.00000	15.00000	68.24000	0.0	0.0	0.0
				86.00000	15.00000	68.24000	0.0	0.0	0.0
				87.00000	15.00000	68.24000	0.0	0.0	0.0
				88.00000	15.00000	68.24000	0.0	0.0	0.0
				89.00000	15.00000	68.24000	0.0	0.0	0.0
				90.00000	15.00000	68.24000	0.0	0.0	0.0
				91.00000	15.00000	68.24000	0.0	0.0	0.0
				92.00000	15.00000	68.24000	0.0	0.0	0.0
				93.00000	15.00000	68.24000	0.0	0.0	0.0
				94.00000	15.00000	68.24000	0.0	0.0	0.0
				95.00000	15.00000	68.24000	0.0	0.0	0.0
				96.00000	15.00000	68.24000	0.0	0.0	0.0
				97.00000	15.00000	68.24000	0.0	0.0	0.0
				98.00000	15.00000	68.24000	0.0	0.0	0.0
				99.00000	15.00000	68.24000	0.0	0.0	0.0
				100.00000	15.00000	68.24000	0.0	0.0	0.0
				0.00000	16.00000	68.24000	0.0	0.0	0.0
				1.00000	16.00000	68.24000	0.0	0.0	0.0
				2.00000	16.00000	68.24000	0.0	0.0	0.0
				3.00000	16.00000	68.24000	0.0	0.0	0.0
				4.00000	16.00000	68.24000	0.0	0.0	0.0
				5.00000	16.00000	68.24000	0.0	0.0	0.0
				6.00000	16.00000	68.24000	0.0	0.0	0.0
				7.00000	16.00000	68.24000	0.0	0.0	0.0
				8.00000	16.00000	68.24000	0.0	0.0	0.0
				9.00000	16.00000	68.24000	0.0	0.0	0.0
				10.00000	16.00000	68.24000	0.0	0.0	0.0
				11.00000	16.00000	68.24000	0.0	0.0	0.0
				12.00000	16.00000	68.24000	0.0	0.0	0.0
				13.00000	16.00000	68.24000	0.0	0.0	0.0
				14.00000	16.00000	68.24000	0.0	0.0	0.0
				15.00000	16.00000	68.24000	0.0	0.0	0.0
				16.00000	16.00000	68.24000	0.0	0.0	0.0
				17.00000	16.00000	68.24000	0.0	0.0	0.0
				18.00000	16.00000	68.24000	0.0	0.0	0.0
				19.00000	16.00000	68.24000	0.0	0.0	0.0
				20.00000	16.00000	68.24000	0.0	0.0	0.0
				21.00000	16.00000	68.24000	0.0	0.0	0.0
				22.00000	16.00000	68.24000	0.0	0.0	0.0
				23.00000	16.00000	68.24000	0.0	0.0	0.0
				24.00000	16.00000	68.24000	0.0	0.0	0.0
				25.00000	16.00000	68.24000	0.0	0.0	0.0
				26.00000	16.00000	68.24000	0.0	0.0	0.0
				27.00000	16.00000	68.24000	0.0	0.0	0.0
				28.00000	16.00000	68.24000	0.0	0.0	0.0
				29.00000	16.00000	68.24000	0.0	0.0	0.0
				30.00000	16.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				31.00000	16.00000	68.24000	0.0	0.0	0.0
				32.00000	16.00000	68.24000	0.0	0.0	0.0
				33.00000	16.00000	68.24000	0.0	0.0	0.0
				34.00000	16.00000	68.24000	0.0	0.0	0.0
				35.00000	16.00000	68.24000	0.0	0.0	0.0
				36.00000	16.00000	68.24000	0.0	0.0	0.0
				37.00000	16.00000	68.24000	0.0	0.0	0.0
				38.00000	16.00000	68.24000	0.0	0.0	0.0
				39.00000	16.00000	68.24000	0.0	0.0	0.0
				40.00000	16.00000	68.24000	0.0	0.0	0.0
				41.00000	16.00000	68.24000	0.0	0.0	0.0
				42.00000	16.00000	68.24000	0.0	0.0	0.0
				43.00000	16.00000	68.24000	0.0	0.0	0.0
				44.00000	16.00000	68.24000	0.0	0.0	0.0
				45.00000	16.00000	68.24000	0.0	0.0	0.0
				46.00000	16.00000	68.24000	0.0	0.0	0.0
				47.00000	16.00000	68.24000	0.0	0.0	0.0
				48.00000	16.00000	68.24000	0.0	0.0	0.0
				49.00000	16.00000	68.24000	0.0	0.0	0.0
				50.00000	16.00000	68.24000	0.0	0.0	0.0
				51.00000	16.00000	68.24000	0.0	0.0	0.0
				52.00000	16.00000	68.24000	0.0	0.0	0.0
				53.00000	16.00000	68.24000	0.0	0.0	0.0
				54.00000	16.00000	68.24000	0.0	0.0	0.0
				55.00000	16.00000	68.24000	0.0	0.0	0.0
				56.00000	16.00000	68.24000	0.0	0.0	0.0
				57.00000	16.00000	68.24000	0.0	0.0	0.0
				58.00000	16.00000	68.24000	0.0	0.0	0.0
				59.00000	16.00000	68.24000	0.0	0.0	0.0
				60.00000	16.00000	68.24000	0.0	0.0	0.0
				61.00000	16.00000	68.24000	0.0	0.0	0.0
				62.00000	16.00000	68.24000	0.0	0.0	0.0
				63.00000	16.00000	68.24000	0.0	0.0	0.0
				64.00000	16.00000	68.24000	0.0	0.0	0.0
				65.00000	16.00000	68.24000	0.0	0.0	0.0
				66.00000	16.00000	68.24000	0.0	0.0	0.0
				67.00000	16.00000	68.24000	0.0	0.0	0.0
				68.00000	16.00000	68.24000	0.0	0.0	0.0
				69.00000	16.00000	68.24000	0.0	0.0	0.0
				70.00000	16.00000	68.24000	0.0	0.0	0.0
				71.00000	16.00000	68.24000	0.0	0.0	0.0
				72.00000	16.00000	68.24000	0.0	0.0	0.0
				73.00000	16.00000	68.24000	0.0	0.0	0.0
				74.00000	16.00000	68.24000	0.0	0.0	0.0
				75.00000	16.00000	68.24000	0.0	0.0	0.0
				76.00000	16.00000	68.24000	0.0	0.0	0.0
				77.00000	16.00000	68.24000	0.0	0.0	0.0
				78.00000	16.00000	68.24000	0.0	0.0	0.0
				79.00000	16.00000	68.24000	0.0	0.0	0.0
				80.00000	16.00000	68.24000	0.0	0.0	0.0
				81.00000	16.00000	68.24000	0.0	0.0	0.0
				82.00000	16.00000	68.24000	0.0	0.0	0.0
				83.00000	16.00000	68.24000	0.0	0.0	0.0
				84.00000	16.00000	68.24000	0.0	0.0	0.0
				85.00000	16.00000	68.24000	0.0	0.0	0.0
				86.00000	16.00000	68.24000	0.0	0.0	0.0
				87.00000	16.00000	68.24000	0.0	0.0	0.0
				88.00000	16.00000	68.24000	0.0	0.0	0.0
				89.00000	16.00000	68.24000	0.0	0.0	0.0
				90.00000	16.00000	68.24000	0.0	0.0	0.0
				91.00000	16.00000	68.24000	0.0	0.0	0.0
				92.00000	16.00000	68.24000	0.0	0.0	0.0
				93.00000	16.00000	68.24000	0.0	0.0	0.0
				94.00000	16.00000	68.24000	0.0	0.0	0.0
				95.00000	16.00000	68.24000	0.0	0.0	0.0
				96.00000	16.00000	68.24000	0.0	0.0	0.0
				97.00000	16.00000	68.24000	0.0	0.0	0.0
				98.00000	16.00000	68.24000	0.0	0.0	0.0
				99.00000	16.00000	68.24000	0.0	0.0	0.0
				100.00000	16.00000	68.24000	0.0	0.0	0.0
				0.00000	17.00000	68.24000	0.0	0.0	0.0
				1.00000	17.00000	68.24000	0.0	0.0	0.0
				2.00000	17.00000	68.24000	0.0	0.0	0.0
				3.00000	17.00000	68.24000	0.0	0.0	0.0
				4.00000	17.00000	68.24000	0.0	0.0	0.0
				5.00000	17.00000	68.24000	0.0	0.0	0.0
				6.00000	17.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				7.00000	17.00000	68.24000	0.0	0.0	0.0
				8.00000	17.00000	68.24000	0.0	0.0	0.0
				9.00000	17.00000	68.24000	0.0	0.0	0.0
				10.00000	17.00000	68.24000	0.0	0.0	0.0
				11.00000	17.00000	68.24000	0.0	0.0	0.0
				12.00000	17.00000	68.24000	0.0	0.0	0.0
				13.00000	17.00000	68.24000	0.0	0.0	0.0
				14.00000	17.00000	68.24000	0.0	0.0	0.0
				15.00000	17.00000	68.24000	0.0	0.0	0.0
				16.00000	17.00000	68.24000	0.0	0.0	0.0
				17.00000	17.00000	68.24000	0.0	0.0	0.0
				18.00000	17.00000	68.24000	0.0	0.0	0.0
				19.00000	17.00000	68.24000	0.0	0.0	0.0
				20.00000	17.00000	68.24000	0.0	0.0	0.0
				21.00000	17.00000	68.24000	0.0	0.0	0.0
				22.00000	17.00000	68.24000	0.0	0.0	0.0
				23.00000	17.00000	68.24000	0.0	0.0	0.0
				24.00000	17.00000	68.24000	0.0	0.0	0.0
				25.00000	17.00000	68.24000	0.0	0.0	0.0
				26.00000	17.00000	68.24000	0.0	0.0	0.0
				27.00000	17.00000	68.24000	0.0	0.0	0.0
				28.00000	17.00000	68.24000	0.0	0.0	0.0
				29.00000	17.00000	68.24000	0.0	0.0	0.0
				30.00000	17.00000	68.24000	0.0	0.0	0.0
				31.00000	17.00000	68.24000	0.0	0.0	0.0
				32.00000	17.00000	68.24000	0.0	0.0	0.0
				33.00000	17.00000	68.24000	0.0	0.0	0.0
				34.00000	17.00000	68.24000	0.0	0.0	0.0
				35.00000	17.00000	68.24000	0.0	0.0	0.0
				36.00000	17.00000	68.24000	0.0	0.0	0.0
				37.00000	17.00000	68.24000	0.0	0.0	0.0
				38.00000	17.00000	68.24000	0.0	0.0	0.0
				39.00000	17.00000	68.24000	0.0	0.0	0.0
				40.00000	17.00000	68.24000	0.0	0.0	0.0
				41.00000	17.00000	68.24000	0.0	0.0	0.0
				42.00000	17.00000	68.24000	0.0	0.0	0.0
				43.00000	17.00000	68.24000	0.0	0.0	0.0
				44.00000	17.00000	68.24000	0.0	0.0	0.0
				45.00000	17.00000	68.24000	0.0	0.0	0.0
				46.00000	17.00000	68.24000	0.0	0.0	0.0
				47.00000	17.00000	68.24000	0.0	0.0	0.0
				48.00000	17.00000	68.24000	0.0	0.0	0.0
				49.00000	17.00000	68.24000	0.0	0.0	0.0
				50.00000	17.00000	68.24000	0.0	0.0	0.0
				51.00000	17.00000	68.24000	0.0	0.0	0.0
				52.00000	17.00000	68.24000	0.0	0.0	0.0
				53.00000	17.00000	68.24000	0.0	0.0	0.0
				54.00000	17.00000	68.24000	0.0	0.0	0.0
				55.00000	17.00000	68.24000	0.0	0.0	0.0
				56.00000	17.00000	68.24000	0.0	0.0	0.0
				57.00000	17.00000	68.24000	0.0	0.0	0.0
				58.00000	17.00000	68.24000	0.0	0.0	0.0
				59.00000	17.00000	68.24000	0.0	0.0	0.0
				60.00000	17.00000	68.24000	0.0	0.0	0.0
				61.00000	17.00000	68.24000	0.0	0.0	0.0
				62.00000	17.00000	68.24000	0.0	0.0	0.0
				63.00000	17.00000	68.24000	0.0	0.0	0.0
				64.00000	17.00000	68.24000	0.0	0.0	0.0
				65.00000	17.00000	68.24000	0.0	0.0	0.0
				66.00000	17.00000	68.24000	0.0	0.0	0.0
				67.00000	17.00000	68.24000	0.0	0.0	0.0
				68.00000	17.00000	68.24000	0.0	0.0	0.0
				69.00000	17.00000	68.24000	0.0	0.0	0.0
				70.00000	17.00000	68.24000	0.0	0.0	0.0
				71.00000	17.00000	68.24000	0.0	0.0	0.0
				72.00000	17.00000	68.24000	0.0	0.0	0.0
				73.00000	17.00000	68.24000	0.0	0.0	0.0
				74.00000	17.00000	68.24000	0.0	0.0	0.0
				75.00000	17.00000	68.24000	0.0	0.0	0.0
				76.00000	17.00000	68.24000	0.0	0.0	0.0
				77.00000	17.00000	68.24000	0.0	0.0	0.0
				78.00000	17.00000	68.24000	0.0	0.0	0.0
				79.00000	17.00000	68.24000	0.0	0.0	0.0
				80.00000	17.00000	68.24000	0.0	0.0	0.0
				81.00000	17.00000	68.24000	0.0	0.0	0.0
				82.00000	17.00000	68.24000	0.0	0.0	0.0
				83.00000	17.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				84.00000	17.00000	68.24000	0.0	0.0	0.0
				85.00000	17.00000	68.24000	0.0	0.0	0.0
				86.00000	17.00000	68.24000	0.0	0.0	0.0
				87.00000	17.00000	68.24000	0.0	0.0	0.0
				88.00000	17.00000	68.24000	0.0	0.0	0.0
				89.00000	17.00000	68.24000	0.0	0.0	0.0
				90.00000	17.00000	68.24000	0.0	0.0	0.0
				91.00000	17.00000	68.24000	0.0	0.0	0.0
				92.00000	17.00000	68.24000	0.0	0.0	0.0
				93.00000	17.00000	68.24000	0.0	0.0	0.0
				94.00000	17.00000	68.24000	0.0	0.0	0.0
				95.00000	17.00000	68.24000	0.0	0.0	0.0
				96.00000	17.00000	68.24000	0.0	0.0	0.0
				97.00000	17.00000	68.24000	0.0	0.0	0.0
				98.00000	17.00000	68.24000	0.0	0.0	0.0
				99.00000	17.00000	68.24000	0.0	0.0	0.0
				100.00000	17.00000	68.24000	0.0	0.0	0.0
				0.00000	18.00000	68.24000	0.0	0.0	0.0
				1.00000	18.00000	68.24000	0.0	0.0	0.0
				2.00000	18.00000	68.24000	0.0	0.0	0.0
				3.00000	18.00000	68.24000	0.0	0.0	0.0
				4.00000	18.00000	68.24000	0.0	0.0	0.0
				5.00000	18.00000	68.24000	0.0	0.0	0.0
				6.00000	18.00000	68.24000	0.0	0.0	0.0
				7.00000	18.00000	68.24000	0.0	0.0	0.0
				8.00000	18.00000	68.24000	0.0	0.0	0.0
				9.00000	18.00000	68.24000	0.0	0.0	0.0
				10.00000	18.00000	68.24000	0.0	0.0	0.0
				11.00000	18.00000	68.24000	0.0	0.0	0.0
				12.00000	18.00000	68.24000	0.0	0.0	0.0
				13.00000	18.00000	68.24000	0.0	0.0	0.0
				14.00000	18.00000	68.24000	0.0	0.0	0.0
				15.00000	18.00000	68.24000	0.0	0.0	0.0
				16.00000	18.00000	68.24000	0.0	0.0	0.0
				17.00000	18.00000	68.24000	0.0	0.0	0.0
				18.00000	18.00000	68.24000	0.0	0.0	0.0
				19.00000	18.00000	68.24000	0.0	0.0	0.0
				20.00000	18.00000	68.24000	0.0	0.0	0.0
				21.00000	18.00000	68.24000	0.0	0.0	0.0
				22.00000	18.00000	68.24000	0.0	0.0	0.0
				23.00000	18.00000	68.24000	0.0	0.0	0.0
				24.00000	18.00000	68.24000	0.0	0.0	0.0
				25.00000	18.00000	68.24000	0.0	0.0	0.0
				26.00000	18.00000	68.24000	0.0	0.0	0.0
				27.00000	18.00000	68.24000	0.0	0.0	0.0
				28.00000	18.00000	68.24000	0.0	0.0	0.0
				29.00000	18.00000	68.24000	0.0	0.0	0.0
				30.00000	18.00000	68.24000	0.0	0.0	0.0
				31.00000	18.00000	68.24000	0.0	0.0	0.0
				32.00000	18.00000	68.24000	0.0	0.0	0.0
				33.00000	18.00000	68.24000	0.0	0.0	0.0
				34.00000	18.00000	68.24000	0.0	0.0	0.0
				35.00000	18.00000	68.24000	0.0	0.0	0.0
				36.00000	18.00000	68.24000	0.0	0.0	0.0
				37.00000	18.00000	68.24000	0.0	0.0	0.0
				38.00000	18.00000	68.24000	0.0	0.0	0.0
				39.00000	18.00000	68.24000	0.0	0.0	0.0
				40.00000	18.00000	68.24000	0.0	0.0	0.0
				41.00000	18.00000	68.24000	0.0	0.0	0.0
				42.00000	18.00000	68.24000	0.0	0.0	0.0
				43.00000	18.00000	68.24000	0.0	0.0	0.0
				44.00000	18.00000	68.24000	0.0	0.0	0.0
				45.00000	18.00000	68.24000	0.0	0.0	0.0
				46.00000	18.00000	68.24000	0.0	0.0	0.0
				47.00000	18.00000	68.24000	0.0	0.0	0.0
				48.00000	18.00000	68.24000	0.0	0.0	0.0
				49.00000	18.00000	68.24000	0.0	0.0	0.0
				50.00000	18.00000	68.24000	0.0	0.0	0.0
				51.00000	18.00000	68.24000	0.0	0.0	0.0
				52.00000	18.00000	68.24000	0.0	0.0	0.0
				53.00000	18.00000	68.24000	0.0	0.0	0.0
				54.00000	18.00000	68.24000	0.0	0.0	0.0
				55.00000	18.00000	68.24000	0.0	0.0	0.0
				56.00000	18.00000	68.24000	0.0	0.0	0.0
				57.00000	18.00000	68.24000	0.0	0.0	0.0
				58.00000	18.00000	68.24000	0.0	0.0	0.0
				59.00000	18.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				60.00000	18.00000	68.24000	0.0	0.0	0.0
				61.00000	18.00000	68.24000	0.0	0.0	0.0
				62.00000	18.00000	68.24000	0.0	0.0	0.0
				63.00000	18.00000	68.24000	0.0	0.0	0.0
				64.00000	18.00000	68.24000	0.0	0.0	0.0
				65.00000	18.00000	68.24000	0.0	0.0	0.0
				66.00000	18.00000	68.24000	0.0	0.0	0.0
				67.00000	18.00000	68.24000	0.0	0.0	0.0
				68.00000	18.00000	68.24000	0.0	0.0	0.0
				69.00000	18.00000	68.24000	0.0	0.0	0.0
				70.00000	18.00000	68.24000	0.0	0.0	0.0
				71.00000	18.00000	68.24000	0.0	0.0	0.0
				72.00000	18.00000	68.24000	0.0	0.0	0.0
				73.00000	18.00000	68.24000	0.0	0.0	0.0
				74.00000	18.00000	68.24000	0.0	0.0	0.0
				75.00000	18.00000	68.24000	0.0	0.0	0.0
				76.00000	18.00000	68.24000	0.0	0.0	0.0
				77.00000	18.00000	68.24000	0.0	0.0	0.0
				78.00000	18.00000	68.24000	0.0	0.0	0.0
				79.00000	18.00000	68.24000	0.0	0.0	0.0
				80.00000	18.00000	68.24000	0.0	0.0	0.0
				81.00000	18.00000	68.24000	0.0	0.0	0.0
				82.00000	18.00000	68.24000	0.0	0.0	0.0
				83.00000	18.00000	68.24000	0.0	0.0	0.0
				84.00000	18.00000	68.24000	0.0	0.0	0.0
				85.00000	18.00000	68.24000	0.0	0.0	0.0
				86.00000	18.00000	68.24000	0.0	0.0	0.0
				87.00000	18.00000	68.24000	0.0	0.0	0.0
				88.00000	18.00000	68.24000	0.0	0.0	0.0
				89.00000	18.00000	68.24000	0.0	0.0	0.0
				90.00000	18.00000	68.24000	0.0	0.0	0.0
				91.00000	18.00000	68.24000	0.0	0.0	0.0
				92.00000	18.00000	68.24000	0.0	0.0	0.0
				93.00000	18.00000	68.24000	0.0	0.0	0.0
				94.00000	18.00000	68.24000	0.0	0.0	0.0
				95.00000	18.00000	68.24000	0.0	0.0	0.0
				96.00000	18.00000	68.24000	0.0	0.0	0.0
				97.00000	18.00000	68.24000	0.0	0.0	0.0
				98.00000	18.00000	68.24000	0.0	0.0	0.0
				99.00000	18.00000	68.24000	0.0	0.0	0.0
				100.00000	18.00000	68.24000	0.0	0.0	0.0
				0.00000	19.00000	68.24000	0.0	0.0	0.0
				1.00000	19.00000	68.24000	0.0	0.0	0.0
				2.00000	19.00000	68.24000	0.0	0.0	0.0
				3.00000	19.00000	68.24000	0.0	0.0	0.0
				4.00000	19.00000	68.24000	0.0	0.0	0.0
				5.00000	19.00000	68.24000	0.0	0.0	0.0
				6.00000	19.00000	68.24000	0.0	0.0	0.0
				7.00000	19.00000	68.24000	0.0	0.0	0.0
				8.00000	19.00000	68.24000	0.0	0.0	0.0
				9.00000	19.00000	68.24000	0.0	0.0	0.0
				10.00000	19.00000	68.24000	0.0	0.0	0.0
				11.00000	19.00000	68.24000	0.0	0.0	0.0
				12.00000	19.00000	68.24000	0.0	0.0	0.0
				13.00000	19.00000	68.24000	0.0	0.0	0.0
				14.00000	19.00000	68.24000	0.0	0.0	0.0
				15.00000	19.00000	68.24000	0.0	0.0	0.0
				16.00000	19.00000	68.24000	0.0	0.0	0.0
				17.00000	19.00000	68.24000	0.0	0.0	0.0
				18.00000	19.00000	68.24000	0.0	0.0	0.0
				19.00000	19.00000	68.24000	0.0	0.0	0.0
				20.00000	19.00000	68.24000	0.0	0.0	0.0
				21.00000	19.00000	68.24000	0.0	0.0	0.0
				22.00000	19.00000	68.24000	0.0	0.0	0.0
				23.00000	19.00000	68.24000	0.0	0.0	0.0
				24.00000	19.00000	68.24000	0.0	0.0	0.0
				25.00000	19.00000	68.24000	0.0	0.0	0.0
				26.00000	19.00000	68.24000	0.0	0.0	0.0
				27.00000	19.00000	68.24000	0.0	0.0	0.0
				28.00000	19.00000	68.24000	0.0	0.0	0.0
				29.00000	19.00000	68.24000	0.0	0.0	0.0
				30.00000	19.00000	68.24000	0.0	0.0	0.0
				31.00000	19.00000	68.24000	0.0	0.0	0.0
				32.00000	19.00000	68.24000	0.0	0.0	0.0
				33.00000	19.00000	68.24000	0.0	0.0	0.0
				34.00000	19.00000	68.24000	0.0	0.0	0.0
				35.00000	19.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				36.00000	19.00000	68.24000	0.0	0.0	0.0
				37.00000	19.00000	68.24000	0.0	0.0	0.0
				38.00000	19.00000	68.24000	0.0	0.0	0.0
				39.00000	19.00000	68.24000	0.0	0.0	0.0
				40.00000	19.00000	68.24000	0.0	0.0	0.0
				41.00000	19.00000	68.24000	0.0	0.0	0.0
				42.00000	19.00000	68.24000	0.0	0.0	0.0
				43.00000	19.00000	68.24000	0.0	0.0	0.0
				44.00000	19.00000	68.24000	0.0	0.0	0.0
				45.00000	19.00000	68.24000	0.0	0.0	0.0
				46.00000	19.00000	68.24000	0.0	0.0	0.0
				47.00000	19.00000	68.24000	0.0	0.0	0.0
				48.00000	19.00000	68.24000	0.0	0.0	0.0
				49.00000	19.00000	68.24000	0.0	0.0	0.0
				50.00000	19.00000	68.24000	0.0	0.0	0.0
				51.00000	19.00000	68.24000	0.0	0.0	0.0
				52.00000	19.00000	68.24000	0.0	0.0	0.0
				53.00000	19.00000	68.24000	0.0	0.0	0.0
				54.00000	19.00000	68.24000	0.0	0.0	0.0
				55.00000	19.00000	68.24000	0.0	0.0	0.0
				56.00000	19.00000	68.24000	0.0	0.0	0.0
				57.00000	19.00000	68.24000	0.0	0.0	0.0
				58.00000	19.00000	68.24000	0.0	0.0	0.0
				59.00000	19.00000	68.24000	0.0	0.0	0.0
				60.00000	19.00000	68.24000	0.0	0.0	0.0
				61.00000	19.00000	68.24000	0.0	0.0	0.0
				62.00000	19.00000	68.24000	0.0	0.0	0.0
				63.00000	19.00000	68.24000	0.0	0.0	0.0
				64.00000	19.00000	68.24000	0.0	0.0	0.0
				65.00000	19.00000	68.24000	0.0	0.0	0.0
				66.00000	19.00000	68.24000	0.0	0.0	0.0
				67.00000	19.00000	68.24000	0.0	0.0	0.0
				68.00000	19.00000	68.24000	0.0	0.0	0.0
				69.00000	19.00000	68.24000	0.0	0.0	0.0
				70.00000	19.00000	68.24000	0.0	0.0	0.0
				71.00000	19.00000	68.24000	0.0	0.0	0.0
				72.00000	19.00000	68.24000	0.0	0.0	0.0
				73.00000	19.00000	68.24000	0.0	0.0	0.0
				74.00000	19.00000	68.24000	0.0	0.0	0.0
				75.00000	19.00000	68.24000	0.0	0.0	0.0
				76.00000	19.00000	68.24000	0.0	0.0	0.0
				77.00000	19.00000	68.24000	0.0	0.0	0.0
				78.00000	19.00000	68.24000	0.0	0.0	0.0
				79.00000	19.00000	68.24000	0.0	0.0	0.0
				80.00000	19.00000	68.24000	0.0	0.0	0.0
				81.00000	19.00000	68.24000	0.0	0.0	0.0
				82.00000	19.00000	68.24000	0.0	0.0	0.0
				83.00000	19.00000	68.24000	0.0	0.0	0.0
				84.00000	19.00000	68.24000	0.0	0.0	0.0
				85.00000	19.00000	68.24000	0.0	0.0	0.0
				86.00000	19.00000	68.24000	0.0	0.0	0.0
				87.00000	19.00000	68.24000	0.0	0.0	0.0
				88.00000	19.00000	68.24000	0.0	0.0	0.0
				89.00000	19.00000	68.24000	0.0	0.0	0.0
				90.00000	19.00000	68.24000	0.0	0.0	0.0
				91.00000	19.00000	68.24000	0.0	0.0	0.0
				92.00000	19.00000	68.24000	0.0	0.0	0.0
				93.00000	19.00000	68.24000	0.0	0.0	0.0
				94.00000	19.00000	68.24000	0.0	0.0	0.0
				95.00000	19.00000	68.24000	0.0	0.0	0.0
				96.00000	19.00000	68.24000	0.0	0.0	0.0
				97.00000	19.00000	68.24000	0.0	0.0	0.0
				98.00000	19.00000	68.24000	0.0	0.0	0.0
				99.00000	19.00000	68.24000	0.0	0.0	0.0
				100.00000	19.00000	68.24000	0.0	0.0	0.0
				0.00000	20.00000	68.24000	0.0	0.0	0.0
				1.00000	20.00000	68.24000	0.0	0.0	0.0
				2.00000	20.00000	68.24000	0.0	0.0	0.0
				3.00000	20.00000	68.24000	0.0	0.0	0.0
				4.00000	20.00000	68.24000	0.0	0.0	0.0
				5.00000	20.00000	68.24000	0.0	0.0	0.0
				6.00000	20.00000	68.24000	0.0	0.0	0.0
				7.00000	20.00000	68.24000	0.0	0.0	0.0
				8.00000	20.00000	68.24000	0.0	0.0	0.0
				9.00000	20.00000	68.24000	0.0	0.0	0.0
				10.00000	20.00000	68.24000	0.0	0.0	0.0
				11.00000	20.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
12.00000	20.00000	68.24000		12.00000	20.00000	68.24000	0.0	0.0	0.0
13.00000	20.00000	68.24000		13.00000	20.00000	68.24000	0.0	0.0	0.0
14.00000	20.00000	68.24000		14.00000	20.00000	68.24000	0.0	0.0	0.0
15.00000	20.00000	68.24000		15.00000	20.00000	68.24000	0.0	0.0	0.0
16.00000	20.00000	68.24000		16.00000	20.00000	68.24000	0.0	0.0	0.0
17.00000	20.00000	68.24000		17.00000	20.00000	68.24000	0.0	0.0	0.0
18.00000	20.00000	68.24000		18.00000	20.00000	68.24000	0.0	0.0	0.0
19.00000	20.00000	68.24000		19.00000	20.00000	68.24000	0.0	0.0	0.0
20.00000	20.00000	68.24000		20.00000	20.00000	68.24000	0.0	0.0	0.0
21.00000	20.00000	68.24000		21.00000	20.00000	68.24000	0.0	0.0	0.0
22.00000	20.00000	68.24000		22.00000	20.00000	68.24000	0.0	0.0	0.0
23.00000	20.00000	68.24000		23.00000	20.00000	68.24000	0.0	0.0	0.0
24.00000	20.00000	68.24000		24.00000	20.00000	68.24000	0.0	0.0	0.0
25.00000	20.00000	68.24000		25.00000	20.00000	68.24000	0.0	0.0	0.0
26.00000	20.00000	68.24000		26.00000	20.00000	68.24000	0.0	0.0	0.0
27.00000	20.00000	68.24000		27.00000	20.00000	68.24000	0.0	0.0	0.0
28.00000	20.00000	68.24000		28.00000	20.00000	68.24000	0.0	0.0	0.0
29.00000	20.00000	68.24000		29.00000	20.00000	68.24000	0.0	0.0	0.0
30.00000	20.00000	68.24000		30.00000	20.00000	68.24000	0.0	0.0	0.0
31.00000	20.00000	68.24000		31.00000	20.00000	68.24000	0.0	0.0	0.0
32.00000	20.00000	68.24000		32.00000	20.00000	68.24000	0.0	0.0	0.0
33.00000	20.00000	68.24000		33.00000	20.00000	68.24000	0.0	0.0	0.0
34.00000	20.00000	68.24000		34.00000	20.00000	68.24000	0.0	0.0	0.0
35.00000	20.00000	68.24000		35.00000	20.00000	68.24000	0.0	0.0	0.0
36.00000	20.00000	68.24000		36.00000	20.00000	68.24000	0.0	0.0	0.0
37.00000	20.00000	68.24000		37.00000	20.00000	68.24000	0.0	0.0	0.0
38.00000	20.00000	68.24000		38.00000	20.00000	68.24000	0.0	0.0	0.0
39.00000	20.00000	68.24000		39.00000	20.00000	68.24000	0.0	0.0	0.0
40.00000	20.00000	68.24000		40.00000	20.00000	68.24000	0.0	0.0	0.0
41.00000	20.00000	68.24000		41.00000	20.00000	68.24000	0.0	0.0	0.0
42.00000	20.00000	68.24000		42.00000	20.00000	68.24000	0.0	0.0	0.0
43.00000	20.00000	68.24000		43.00000	20.00000	68.24000	0.0	0.0	0.0
44.00000	20.00000	68.24000		44.00000	20.00000	68.24000	0.0	0.0	0.0
45.00000	20.00000	68.24000		45.00000	20.00000	68.24000	0.0	0.0	0.0
46.00000	20.00000	68.24000		46.00000	20.00000	68.24000	0.0	0.0	0.0
47.00000	20.00000	68.24000		47.00000	20.00000	68.24000	0.0	0.0	0.0
48.00000	20.00000	68.24000		48.00000	20.00000	68.24000	0.0	0.0	0.0
49.00000	20.00000	68.24000		49.00000	20.00000	68.24000	0.0	0.0	0.0
50.00000	20.00000	68.24000		50.00000	20.00000	68.24000	0.0	0.0	0.0
51.00000	20.00000	68.24000		51.00000	20.00000	68.24000	0.0	0.0	0.0
52.00000	20.00000	68.24000		52.00000	20.00000	68.24000	0.0	0.0	0.0
53.00000	20.00000	68.24000		53.00000	20.00000	68.24000	0.0	0.0	0.0
54.00000	20.00000	68.24000		54.00000	20.00000	68.24000	0.0	0.0	0.0
55.00000	20.00000	68.24000		55.00000	20.00000	68.24000	0.0	0.0	0.0
56.00000	20.00000	68.24000		56.00000	20.00000	68.24000	0.0	0.0	0.0
57.00000	20.00000	68.24000		57.00000	20.00000	68.24000	0.0	0.0	0.0
58.00000	20.00000	68.24000		58.00000	20.00000	68.24000	0.0	0.0	0.0
59.00000	20.00000	68.24000		59.00000	20.00000	68.24000	0.0	0.0	0.0
60.00000	20.00000	68.24000		60.00000	20.00000	68.24000	0.0	0.0	0.0
61.00000	20.00000	68.24000		61.00000	20.00000	68.24000	0.0	0.0	0.0
62.00000	20.00000	68.24000		62.00000	20.00000	68.24000	0.0	0.0	0.0
63.00000	20.00000	68.24000		63.00000	20.00000	68.24000	0.0	0.0	0.0
64.00000	20.00000	68.24000		64.00000	20.00000	68.24000	0.0	0.0	0.0
65.00000	20.00000	68.24000		65.00000	20.00000	68.24000	0.0	0.0	0.0
66.00000	20.00000	68.24000		66.00000	20.00000	68.24000	0.0	0.0	0.0
67.00000	20.00000	68.24000		67.00000	20.00000	68.24000	0.0	0.0	0.0
68.00000	20.00000	68.24000		68.00000	20.00000	68.24000	0.0	0.0	0.0
69.00000	20.00000	68.24000		69.00000	20.00000	68.24000	0.0	0.0	0.0
70.00000	20.00000	68.24000		70.00000	20.00000	68.24000	0.0	0.0	0.0
71.00000	20.00000	68.24000		71.00000	20.00000	68.24000	0.0	0.0	0.0
72.00000	20.00000	68.24000		72.00000	20.00000	68.24000	0.0	0.0	0.0
73.00000	20.00000	68.24000		73.00000	20.00000	68.24000	0.0	0.0	0.0
74.00000	20.00000	68.24000		74.00000	20.00000	68.24000	0.0	0.0	0.0
75.00000	20.00000	68.24000		75.00000	20.00000	68.24000	0.0	0.0	0.0
76.00000	20.00000	68.24000		76.00000	20.00000	68.24000	0.0	0.0	0.0
77.00000	20.00000	68.24000		77.00000	20.00000	68.24000	0.0	0.0	0.0
78.00000	20.00000	68.24000		78.00000	20.00000	68.24000	0.0	0.0	0.0
79.00000	20.00000	68.24000		79.00000	20.00000	68.24000	0.0	0.0	0.0
80.00000	20.00000	68.24000		80.00000	20.00000	68.24000	0.0	0.0	0.0
81.00000	20.00000	68.24000		81.00000	20.00000	68.24000	0.0	0.0	0.0
82.00000	20.00000	68.24000		82.00000	20.00000	68.24000	0.0	0.0	0.0
83.00000	20.00000	68.24000		83.00000	20.00000	68.24000	0.0	0.0	0.0
84.00000	20.00000	68.24000		84.00000	20.00000	68.24000	0.0	0.0	0.0
85.00000	20.00000	68.24000		85.00000	20.00000	68.24000	0.0	0.0	0.0
86.00000	20.00000	68.24000		86.00000	20.00000	68.24000	0.0	0.0	0.0
87.00000	20.00000	68.24000		87.00000	20.00000	68.24000	0.0	0.0	0.0
88.00000	20.00000	68.24000		88.00000	20.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				89.00000	20.00000	68.24000	0.0	0.0	0.0
				90.00000	20.00000	68.24000	0.0	0.0	0.0
				91.00000	20.00000	68.24000	0.0	0.0	0.0
				92.00000	20.00000	68.24000	0.0	0.0	0.0
				93.00000	20.00000	68.24000	0.0	0.0	0.0
				94.00000	20.00000	68.24000	0.0	0.0	0.0
				95.00000	20.00000	68.24000	0.0	0.0	0.0
				96.00000	20.00000	68.24000	0.0	0.0	0.0
				97.00000	20.00000	68.24000	0.0	0.0	0.0
				98.00000	20.00000	68.24000	0.0	0.0	0.0
				99.00000	20.00000	68.24000	0.0	0.0	0.0
				100.00000	20.00000	68.24000	0.0	0.0	0.0
				0.00000	21.00000	68.24000	0.0	0.0	0.0
				1.00000	21.00000	68.24000	0.0	0.0	0.0
				2.00000	21.00000	68.24000	0.0	0.0	0.0
				3.00000	21.00000	68.24000	0.0	0.0	0.0
				4.00000	21.00000	68.24000	0.0	0.0	0.0
				5.00000	21.00000	68.24000	0.0	0.0	0.0
				6.00000	21.00000	68.24000	0.0	0.0	0.0
				7.00000	21.00000	68.24000	0.0	0.0	0.0
				8.00000	21.00000	68.24000	0.0	0.0	0.0
				9.00000	21.00000	68.24000	0.0	0.0	0.0
				10.00000	21.00000	68.24000	0.0	0.0	0.0
				11.00000	21.00000	68.24000	0.0	0.0	0.0
				12.00000	21.00000	68.24000	0.0	0.0	0.0
				13.00000	21.00000	68.24000	0.0	0.0	0.0
				14.00000	21.00000	68.24000	0.0	0.0	0.0
				15.00000	21.00000	68.24000	0.0	0.0	0.0
				16.00000	21.00000	68.24000	0.0	0.0	0.0
				17.00000	21.00000	68.24000	0.0	0.0	0.0
				18.00000	21.00000	68.24000	0.0	0.0	0.0
				19.00000	21.00000	68.24000	0.0	0.0	0.0
				20.00000	21.00000	68.24000	0.0	0.0	0.0
				21.00000	21.00000	68.24000	0.0	0.0	0.0
				22.00000	21.00000	68.24000	0.0	0.0	0.0
				23.00000	21.00000	68.24000	0.0	0.0	0.0
				24.00000	21.00000	68.24000	0.0	0.0	0.0
				25.00000	21.00000	68.24000	0.0	0.0	0.0
				26.00000	21.00000	68.24000	0.0	0.0	0.0
				27.00000	21.00000	68.24000	0.0	0.0	0.0
				28.00000	21.00000	68.24000	0.0	0.0	0.0
				29.00000	21.00000	68.24000	0.0	0.0	0.0
				30.00000	21.00000	68.24000	0.0	0.0	0.0
				31.00000	21.00000	68.24000	0.0	0.0	0.0
				32.00000	21.00000	68.24000	0.0	0.0	0.0
				33.00000	21.00000	68.24000	0.0	0.0	0.0
				34.00000	21.00000	68.24000	0.0	0.0	0.0
				35.00000	21.00000	68.24000	0.0	0.0	0.0
				36.00000	21.00000	68.24000	0.0	0.0	0.0
				37.00000	21.00000	68.24000	0.0	0.0	0.0
				38.00000	21.00000	68.24000	0.0	0.0	0.0
				39.00000	21.00000	68.24000	0.0	0.0	0.0
				40.00000	21.00000	68.24000	0.0	0.0	0.0
				41.00000	21.00000	68.24000	0.0	0.0	0.0
				42.00000	21.00000	68.24000	0.0	0.0	0.0
				43.00000	21.00000	68.24000	0.0	0.0	0.0
				44.00000	21.00000	68.24000	0.0	0.0	0.0
				45.00000	21.00000	68.24000	0.0	0.0	0.0
				46.00000	21.00000	68.24000	0.0	0.0	0.0
				47.00000	21.00000	68.24000	0.0	0.0	0.0
				48.00000	21.00000	68.24000	0.0	0.0	0.0
				49.00000	21.00000	68.24000	0.0	0.0	0.0
				50.00000	21.00000	68.24000	0.0	0.0	0.0
				51.00000	21.00000	68.24000	0.0	0.0	0.0
				52.00000	21.00000	68.24000	0.0	0.0	0.0
				53.00000	21.00000	68.24000	0.0	0.0	0.0
				54.00000	21.00000	68.24000	0.0	0.0	0.0
				55.00000	21.00000	68.24000	0.0	0.0	0.0
				56.00000	21.00000	68.24000	0.0	0.0	0.0
				57.00000	21.00000	68.24000	0.0	0.0	0.0
				58.00000	21.00000	68.24000	0.0	0.0	0.0
				59.00000	21.00000	68.24000	0.0	0.0	0.0
				60.00000	21.00000	68.24000	0.0	0.0	0.0
				61.00000	21.00000	68.24000	0.0	0.0	0.0
				62.00000	21.00000	68.24000	0.0	0.0	0.0
				63.00000	21.00000	68.24000	0.0	0.0	0.0
				64.00000	21.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				65.00000	21.00000	68.24000	0.0	0.0	0.0
				66.00000	21.00000	68.24000	0.0	0.0	0.0
				67.00000	21.00000	68.24000	0.0	0.0	0.0
				68.00000	21.00000	68.24000	0.0	0.0	0.0
				69.00000	21.00000	68.24000	0.0	0.0	0.0
				70.00000	21.00000	68.24000	0.0	0.0	0.0
				71.00000	21.00000	68.24000	0.0	0.0	0.0
				72.00000	21.00000	68.24000	0.0	0.0	0.0
				73.00000	21.00000	68.24000	0.0	0.0	0.0
				74.00000	21.00000	68.24000	0.0	0.0	0.0
				75.00000	21.00000	68.24000	0.0	0.0	0.0
				76.00000	21.00000	68.24000	0.0	0.0	0.0
				77.00000	21.00000	68.24000	0.0	0.0	0.0
				78.00000	21.00000	68.24000	0.0	0.0	0.0
				79.00000	21.00000	68.24000	0.0	0.0	0.0
				80.00000	21.00000	68.24000	0.0	0.0	0.0
				81.00000	21.00000	68.24000	0.0	0.0	0.0
				82.00000	21.00000	68.24000	0.0	0.0	0.0
				83.00000	21.00000	68.24000	0.0	0.0	0.0
				84.00000	21.00000	68.24000	0.0	0.0	0.0
				85.00000	21.00000	68.24000	0.0	0.0	0.0
				86.00000	21.00000	68.24000	0.0	0.0	0.0
				87.00000	21.00000	68.24000	0.0	0.0	0.0
				88.00000	21.00000	68.24000	0.0	0.0	0.0
				89.00000	21.00000	68.24000	0.0	0.0	0.0
				90.00000	21.00000	68.24000	0.0	0.0	0.0
				91.00000	21.00000	68.24000	0.0	0.0	0.0
				92.00000	21.00000	68.24000	0.0	0.0	0.0
				93.00000	21.00000	68.24000	0.0	0.0	0.0
				94.00000	21.00000	68.24000	0.0	0.0	0.0
				95.00000	21.00000	68.24000	0.0	0.0	0.0
				96.00000	21.00000	68.24000	0.0	0.0	0.0
				97.00000	21.00000	68.24000	0.0	0.0	0.0
				98.00000	21.00000	68.24000	0.0	0.0	0.0
				99.00000	21.00000	68.24000	0.0	0.0	0.0
				100.00000	21.00000	68.24000	0.0	0.0	0.0
				0.00000	22.00000	68.24000	0.0	0.0	0.0
				1.00000	22.00000	68.24000	0.0	0.0	0.0
				2.00000	22.00000	68.24000	0.0	0.0	0.0
				3.00000	22.00000	68.24000	0.0	0.0	0.0
				4.00000	22.00000	68.24000	0.0	0.0	0.0
				5.00000	22.00000	68.24000	0.0	0.0	0.0
				6.00000	22.00000	68.24000	0.0	0.0	0.0
				7.00000	22.00000	68.24000	0.0	0.0	0.0
				8.00000	22.00000	68.24000	0.0	0.0	0.0
				9.00000	22.00000	68.24000	0.0	0.0	0.0
				10.00000	22.00000	68.24000	0.0	0.0	0.0
				11.00000	22.00000	68.24000	0.0	0.0	0.0
				12.00000	22.00000	68.24000	0.0	0.0	0.0
				13.00000	22.00000	68.24000	0.0	0.0	0.0
				14.00000	22.00000	68.24000	0.0	0.0	0.0
				15.00000	22.00000	68.24000	0.0	0.0	0.0
				16.00000	22.00000	68.24000	0.0	0.0	0.0
				17.00000	22.00000	68.24000	0.0	0.0	0.0
				18.00000	22.00000	68.24000	0.0	0.0	0.0
				19.00000	22.00000	68.24000	0.0	0.0	0.0
				20.00000	22.00000	68.24000	0.0	0.0	0.0
				21.00000	22.00000	68.24000	0.0	0.0	0.0
				22.00000	22.00000	68.24000	0.0	0.0	0.0
				23.00000	22.00000	68.24000	0.0	0.0	0.0
				24.00000	22.00000	68.24000	0.0	0.0	0.0
				25.00000	22.00000	68.24000	0.0	0.0	0.0
				26.00000	22.00000	68.24000	0.0	0.0	0.0
				27.00000	22.00000	68.24000	0.0	0.0	0.0
				28.00000	22.00000	68.24000	0.0	0.0	0.0
				29.00000	22.00000	68.24000	0.0	0.0	0.0
				30.00000	22.00000	68.24000	0.0	0.0	0.0
				31.00000	22.00000	68.24000	0.0	0.0	0.0
				32.00000	22.00000	68.24000	0.0	0.0	0.0
				33.00000	22.00000	68.24000	0.0	0.0	0.0
				34.00000	22.00000	68.24000	0.0	0.0	0.0
				35.00000	22.00000	68.24000	0.0	0.0	0.0
				36.00000	22.00000	68.24000	0.0	0.0	0.0
				37.00000	22.00000	68.24000	0.0	0.0	0.0
				38.00000	22.00000	68.24000	0.0	0.0	0.0
				39.00000	22.00000	68.24000	0.0	0.0	0.0
				40.00000	22.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				41.00000	22.00000	68.24000	0.0	0.0	0.0
				42.00000	22.00000	68.24000	0.0	0.0	0.0
				43.00000	22.00000	68.24000	0.0	0.0	0.0
				44.00000	22.00000	68.24000	0.0	0.0	0.0
				45.00000	22.00000	68.24000	0.0	0.0	0.0
				46.00000	22.00000	68.24000	0.0	0.0	0.0
				47.00000	22.00000	68.24000	0.0	0.0	0.0
				48.00000	22.00000	68.24000	0.0	0.0	0.0
				49.00000	22.00000	68.24000	0.0	0.0	0.0
				50.00000	22.00000	68.24000	0.0	0.0	0.0
				51.00000	22.00000	68.24000	0.0	0.0	0.0
				52.00000	22.00000	68.24000	0.0	0.0	0.0
				53.00000	22.00000	68.24000	0.0	0.0	0.0
				54.00000	22.00000	68.24000	0.0	0.0	0.0
				55.00000	22.00000	68.24000	0.0	0.0	0.0
				56.00000	22.00000	68.24000	0.0	0.0	0.0
				57.00000	22.00000	68.24000	0.0	0.0	0.0
				58.00000	22.00000	68.24000	0.0	0.0	0.0
				59.00000	22.00000	68.24000	0.0	0.0	0.0
				60.00000	22.00000	68.24000	0.0	0.0	0.0
				61.00000	22.00000	68.24000	0.0	0.0	0.0
				62.00000	22.00000	68.24000	0.0	0.0	0.0
				63.00000	22.00000	68.24000	0.0	0.0	0.0
				64.00000	22.00000	68.24000	0.0	0.0	0.0
				65.00000	22.00000	68.24000	0.0	0.0	0.0
				66.00000	22.00000	68.24000	0.0	0.0	0.0
				67.00000	22.00000	68.24000	0.0	0.0	0.0
				68.00000	22.00000	68.24000	0.0	0.0	0.0
				69.00000	22.00000	68.24000	0.0	0.0	0.0
				70.00000	22.00000	68.24000	0.0	0.0	0.0
				71.00000	22.00000	68.24000	0.0	0.0	0.0
				72.00000	22.00000	68.24000	0.0	0.0	0.0
				73.00000	22.00000	68.24000	0.0	0.0	0.0
				74.00000	22.00000	68.24000	0.0	0.0	0.0
				75.00000	22.00000	68.24000	0.0	0.0	0.0
				76.00000	22.00000	68.24000	0.0	0.0	0.0
				77.00000	22.00000	68.24000	0.0	0.0	0.0
				78.00000	22.00000	68.24000	0.0	0.0	0.0
				79.00000	22.00000	68.24000	0.0	0.0	0.0
				80.00000	22.00000	68.24000	0.0	0.0	0.0
				81.00000	22.00000	68.24000	0.0	0.0	0.0
				82.00000	22.00000	68.24000	0.0	0.0	0.0
				83.00000	22.00000	68.24000	0.0	0.0	0.0
				84.00000	22.00000	68.24000	0.0	0.0	0.0
				85.00000	22.00000	68.24000	0.0	0.0	0.0
				86.00000	22.00000	68.24000	0.0	0.0	0.0
				87.00000	22.00000	68.24000	0.0	0.0	0.0
				88.00000	22.00000	68.24000	0.0	0.0	0.0
				89.00000	22.00000	68.24000	0.0	0.0	0.0
				90.00000	22.00000	68.24000	0.0	0.0	0.0
				91.00000	22.00000	68.24000	0.0	0.0	0.0
				92.00000	22.00000	68.24000	0.0	0.0	0.0
				93.00000	22.00000	68.24000	0.0	0.0	0.0
				94.00000	22.00000	68.24000	0.0	0.0	0.0
				95.00000	22.00000	68.24000	0.0	0.0	0.0
				96.00000	22.00000	68.24000	0.0	0.0	0.0
				97.00000	22.00000	68.24000	0.0	0.0	0.0
				98.00000	22.00000	68.24000	0.0	0.0	0.0
				99.00000	22.00000	68.24000	0.0	0.0	0.0
				100.00000	22.00000	68.24000	0.0	0.0	0.0
				0.00000	23.00000	68.24000	0.0	0.0	0.0
				1.00000	23.00000	68.24000	0.0	0.0	0.0
				2.00000	23.00000	68.24000	0.0	0.0	0.0
				3.00000	23.00000	68.24000	0.0	0.0	0.0
				4.00000	23.00000	68.24000	0.0	0.0	0.0
				5.00000	23.00000	68.24000	0.0	0.0	0.0
				6.00000	23.00000	68.24000	0.0	0.0	0.0
				7.00000	23.00000	68.24000	0.0	0.0	0.0
				8.00000	23.00000	68.24000	0.0	0.0	0.0
				9.00000	23.00000	68.24000	0.0	0.0	0.0
				10.00000	23.00000	68.24000	0.0	0.0	0.0
				11.00000	23.00000	68.24000	0.0	0.0	0.0
				12.00000	23.00000	68.24000	0.0	0.0	0.0
				13.00000	23.00000	68.24000	0.0	0.0	0.0
				14.00000	23.00000	68.24000	0.0	0.0	0.0
				15.00000	23.00000	68.24000	0.0	0.0	0.0
				16.00000	23.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
17.00000	23.00000	68.24000		17.00000	23.00000	68.24000	0.0	0.0	0.0
18.00000	23.00000	68.24000		18.00000	23.00000	68.24000	0.0	0.0	0.0
19.00000	23.00000	68.24000		19.00000	23.00000	68.24000	0.0	0.0	0.0
20.00000	23.00000	68.24000		20.00000	23.00000	68.24000	0.0	0.0	0.0
21.00000	23.00000	68.24000		21.00000	23.00000	68.24000	0.0	0.0	0.0
22.00000	23.00000	68.24000		22.00000	23.00000	68.24000	0.0	0.0	0.0
23.00000	23.00000	68.24000		23.00000	23.00000	68.24000	0.0	0.0	0.0
24.00000	23.00000	68.24000		24.00000	23.00000	68.24000	0.0	0.0	0.0
25.00000	23.00000	68.24000		25.00000	23.00000	68.24000	0.0	0.0	0.0
26.00000	23.00000	68.24000		26.00000	23.00000	68.24000	0.0	0.0	0.0
27.00000	23.00000	68.24000		27.00000	23.00000	68.24000	0.0	0.0	0.0
28.00000	23.00000	68.24000		28.00000	23.00000	68.24000	0.0	0.0	0.0
29.00000	23.00000	68.24000		29.00000	23.00000	68.24000	0.0	0.0	0.0
30.00000	23.00000	68.24000		30.00000	23.00000	68.24000	0.0	0.0	0.0
31.00000	23.00000	68.24000		31.00000	23.00000	68.24000	0.0	0.0	0.0
32.00000	23.00000	68.24000		32.00000	23.00000	68.24000	0.0	0.0	0.0
33.00000	23.00000	68.24000		33.00000	23.00000	68.24000	0.0	0.0	0.0
34.00000	23.00000	68.24000		34.00000	23.00000	68.24000	0.0	0.0	0.0
35.00000	23.00000	68.24000		35.00000	23.00000	68.24000	0.0	0.0	0.0
36.00000	23.00000	68.24000		36.00000	23.00000	68.24000	0.0	0.0	0.0
37.00000	23.00000	68.24000		37.00000	23.00000	68.24000	0.0	0.0	0.0
38.00000	23.00000	68.24000		38.00000	23.00000	68.24000	0.0	0.0	0.0
39.00000	23.00000	68.24000		39.00000	23.00000	68.24000	0.0	0.0	0.0
40.00000	23.00000	68.24000		40.00000	23.00000	68.24000	0.0	0.0	0.0
41.00000	23.00000	68.24000		41.00000	23.00000	68.24000	0.0	0.0	0.0
42.00000	23.00000	68.24000		42.00000	23.00000	68.24000	0.0	0.0	0.0
43.00000	23.00000	68.24000		43.00000	23.00000	68.24000	0.0	0.0	0.0
44.00000	23.00000	68.24000		44.00000	23.00000	68.24000	0.0	0.0	0.0
45.00000	23.00000	68.24000		45.00000	23.00000	68.24000	0.0	0.0	0.0
46.00000	23.00000	68.24000		46.00000	23.00000	68.24000	0.0	0.0	0.0
47.00000	23.00000	68.24000		47.00000	23.00000	68.24000	0.0	0.0	0.0
48.00000	23.00000	68.24000		48.00000	23.00000	68.24000	0.0	0.0	0.0
49.00000	23.00000	68.24000		49.00000	23.00000	68.24000	0.0	0.0	0.0
50.00000	23.00000	68.24000		50.00000	23.00000	68.24000	0.0	0.0	0.0
51.00000	23.00000	68.24000		51.00000	23.00000	68.24000	0.0	0.0	0.0
52.00000	23.00000	68.24000		52.00000	23.00000	68.24000	0.0	0.0	0.0
53.00000	23.00000	68.24000		53.00000	23.00000	68.24000	0.0	0.0	0.0
54.00000	23.00000	68.24000		54.00000	23.00000	68.24000	0.0	0.0	0.0
55.00000	23.00000	68.24000		55.00000	23.00000	68.24000	0.0	0.0	0.0
56.00000	23.00000	68.24000		56.00000	23.00000	68.24000	0.0	0.0	0.0
57.00000	23.00000	68.24000		57.00000	23.00000	68.24000	0.0	0.0	0.0
58.00000	23.00000	68.24000		58.00000	23.00000	68.24000	0.0	0.0	0.0
59.00000	23.00000	68.24000		59.00000	23.00000	68.24000	0.0	0.0	0.0
60.00000	23.00000	68.24000		60.00000	23.00000	68.24000	0.0	0.0	0.0
61.00000	23.00000	68.24000		61.00000	23.00000	68.24000	0.0	0.0	0.0
62.00000	23.00000	68.24000		62.00000	23.00000	68.24000	0.0	0.0	0.0
63.00000	23.00000	68.24000		63.00000	23.00000	68.24000	0.0	0.0	0.0
64.00000	23.00000	68.24000		64.00000	23.00000	68.24000	0.0	0.0	0.0
65.00000	23.00000	68.24000		65.00000	23.00000	68.24000	0.0	0.0	0.0
66.00000	23.00000	68.24000		66.00000	23.00000	68.24000	0.0	0.0	0.0
67.00000	23.00000	68.24000		67.00000	23.00000	68.24000	0.0	0.0	0.0
68.00000	23.00000	68.24000		68.00000	23.00000	68.24000	0.0	0.0	0.0
69.00000	23.00000	68.24000		69.00000	23.00000	68.24000	0.0	0.0	0.0
70.00000	23.00000	68.24000		70.00000	23.00000	68.24000	0.0	0.0	0.0
71.00000	23.00000	68.24000		71.00000	23.00000	68.24000	0.0	0.0	0.0
72.00000	23.00000	68.24000		72.00000	23.00000	68.24000	0.0	0.0	0.0
73.00000	23.00000	68.24000		73.00000	23.00000	68.24000	0.0	0.0	0.0
74.00000	23.00000	68.24000		74.00000	23.00000	68.24000	0.0	0.0	0.0
75.00000	23.00000	68.24000		75.00000	23.00000	68.24000	0.0	0.0	0.0
76.00000	23.00000	68.24000		76.00000	23.00000	68.24000	0.0	0.0	0.0
77.00000	23.00000	68.24000		77.00000	23.00000	68.24000	0.0	0.0	0.0
78.00000	23.00000	68.24000		78.00000	23.00000	68.24000	0.0	0.0	0.0
79.00000	23.00000	68.24000		79.00000	23.00000	68.24000	0.0	0.0	0.0
80.00000	23.00000	68.24000		80.00000	23.00000	68.24000	0.0	0.0	0.0
81.00000	23.00000	68.24000		81.00000	23.00000	68.24000	0.0	0.0	0.0
82.00000	23.00000	68.24000		82.00000	23.00000	68.24000	0.0	0.0	0.0
83.00000	23.00000	68.24000		83.00000	23.00000	68.24000	0.0	0.0	0.0
84.00000	23.00000	68.24000		84.00000	23.00000	68.24000	0.0	0.0	0.0
85.00000	23.00000	68.24000		85.00000	23.00000	68.24000	0.0	0.0	0.0
86.00000	23.00000	68.24000		86.00000	23.00000	68.24000	0.0	0.0	0.0
87.00000	23.00000	68.24000		87.00000	23.00000	68.24000	0.0	0.0	0.0
88.00000	23.00000	68.24000		88.00000	23.00000	68.24000	0.0	0.0	0.0
89.00000	23.00000	68.24000		89.00000	23.00000	68.24000	0.0	0.0	0.0
90.00000	23.00000	68.24000		90.00000	23.00000	68.24000	0.0	0.0	0.0
91.00000	23.00000	68.24000		91.00000	23.00000	68.24000	0.0	0.0	0.0
92.00000	23.00000	68.24000		92.00000	23.00000	68.24000	0.0	0.0	0.0
93.00000	23.00000	68.24000		93.00000	23.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				94.00000	23.00000	68.24000	0.0	0.0	0.0
				95.00000	23.00000	68.24000	0.0	0.0	0.0
				96.00000	23.00000	68.24000	0.0	0.0	0.0
				97.00000	23.00000	68.24000	0.0	0.0	0.0
				98.00000	23.00000	68.24000	0.0	0.0	0.0
				99.00000	23.00000	68.24000	0.0	0.0	0.0
				100.00000	23.00000	68.24000	0.0	0.0	0.0
				0.00000	24.00000	68.24000	0.0	0.0	0.0
				1.00000	24.00000	68.24000	0.0	0.0	0.0
				2.00000	24.00000	68.24000	0.0	0.0	0.0
				3.00000	24.00000	68.24000	0.0	0.0	0.0
				4.00000	24.00000	68.24000	0.0	0.0	0.0
				5.00000	24.00000	68.24000	0.0	0.0	0.0
				6.00000	24.00000	68.24000	0.0	0.0	0.0
				7.00000	24.00000	68.24000	0.0	0.0	0.0
				8.00000	24.00000	68.24000	0.0	0.0	0.0
				9.00000	24.00000	68.24000	0.0	0.0	0.0
				10.00000	24.00000	68.24000	0.0	0.0	0.0
				11.00000	24.00000	68.24000	0.0	0.0	0.0
				12.00000	24.00000	68.24000	0.0	0.0	0.0
				13.00000	24.00000	68.24000	0.0	0.0	0.0
				14.00000	24.00000	68.24000	0.0	0.0	0.0
				15.00000	24.00000	68.24000	0.0	0.0	0.0
				16.00000	24.00000	68.24000	0.0	0.0	0.0
				17.00000	24.00000	68.24000	0.0	0.0	0.0
				18.00000	24.00000	68.24000	0.0	0.0	0.0
				19.00000	24.00000	68.24000	0.0	0.0	0.0
				20.00000	24.00000	68.24000	0.0	0.0	0.0
				21.00000	24.00000	68.24000	0.0	0.0	0.0
				22.00000	24.00000	68.24000	0.0	0.0	0.0
				23.00000	24.00000	68.24000	0.0	0.0	0.0
				24.00000	24.00000	68.24000	0.0	0.0	0.0
				25.00000	24.00000	68.24000	0.0	0.0	0.0
				26.00000	24.00000	68.24000	0.0	0.0	0.0
				27.00000	24.00000	68.24000	0.0	0.0	0.0
				28.00000	24.00000	68.24000	0.0	0.0	0.0
				29.00000	24.00000	68.24000	0.0	0.0	0.0
				30.00000	24.00000	68.24000	0.0	0.0	0.0
				31.00000	24.00000	68.24000	0.0	0.0	0.0
				32.00000	24.00000	68.24000	0.0	0.0	0.0
				33.00000	24.00000	68.24000	0.0	0.0	0.0
				34.00000	24.00000	68.24000	0.0	0.0	0.0
				35.00000	24.00000	68.24000	0.0	0.0	0.0
				36.00000	24.00000	68.24000	0.0	0.0	0.0
				37.00000	24.00000	68.24000	0.0	0.0	0.0
				38.00000	24.00000	68.24000	0.0	0.0	0.0
				39.00000	24.00000	68.24000	0.0	0.0	0.0
				40.00000	24.00000	68.24000	0.0	0.0	0.0
				41.00000	24.00000	68.24000	0.0	0.0	0.0
				42.00000	24.00000	68.24000	0.0	0.0	0.0
				43.00000	24.00000	68.24000	0.0	0.0	0.0
				44.00000	24.00000	68.24000	0.0	0.0	0.0
				45.00000	24.00000	68.24000	0.0	0.0	0.0
				46.00000	24.00000	68.24000	0.0	0.0	0.0
				47.00000	24.00000	68.24000	0.0	0.0	0.0
				48.00000	24.00000	68.24000	0.0	0.0	0.0
				49.00000	24.00000	68.24000	0.0	0.0	0.0
				50.00000	24.00000	68.24000	0.0	0.0	0.0
				51.00000	24.00000	68.24000	0.0	0.0	0.0
				52.00000	24.00000	68.24000	0.0	0.0	0.0
				53.00000	24.00000	68.24000	0.0	0.0	0.0
				54.00000	24.00000	68.24000	0.0	0.0	0.0
				55.00000	24.00000	68.24000	0.0	0.0	0.0
				56.00000	24.00000	68.24000	0.0	0.0	0.0
				57.00000	24.00000	68.24000	0.0	0.0	0.0
				58.00000	24.00000	68.24000	0.0	0.0	0.0
				59.00000	24.00000	68.24000	0.0	0.0	0.0
				60.00000	24.00000	68.24000	0.0	0.0	0.0
				61.00000	24.00000	68.24000	0.0	0.0	0.0
				62.00000	24.00000	68.24000	0.0	0.0	0.0
				63.00000	24.00000	68.24000	0.0	0.0	0.0
				64.00000	24.00000	68.24000	0.0	0.0	0.0
				65.00000	24.00000	68.24000	0.0	0.0	0.0
				66.00000	24.00000	68.24000	0.0	0.0	0.0
				67.00000	24.00000	68.24000	0.0	0.0	0.0
				68.00000	24.00000	68.24000	0.0	0.0	0.0
				69.00000	24.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
70.00000	24.00000	68.24000		70.00000	24.00000	68.24000	0.0	0.0	0.0
71.00000	24.00000	68.24000		71.00000	24.00000	68.24000	0.0	0.0	0.0
72.00000	24.00000	68.24000		72.00000	24.00000	68.24000	0.0	0.0	0.0
73.00000	24.00000	68.24000		73.00000	24.00000	68.24000	0.0	0.0	0.0
74.00000	24.00000	68.24000		74.00000	24.00000	68.24000	0.0	0.0	0.0
75.00000	24.00000	68.24000		75.00000	24.00000	68.24000	0.0	0.0	0.0
76.00000	24.00000	68.24000		76.00000	24.00000	68.24000	0.0	0.0	0.0
77.00000	24.00000	68.24000		77.00000	24.00000	68.24000	0.0	0.0	0.0
78.00000	24.00000	68.24000		78.00000	24.00000	68.24000	0.0	0.0	0.0
79.00000	24.00000	68.24000		79.00000	24.00000	68.24000	0.0	0.0	0.0
80.00000	24.00000	68.24000		80.00000	24.00000	68.24000	0.0	0.0	0.0
81.00000	24.00000	68.24000		81.00000	24.00000	68.24000	0.0	0.0	0.0
82.00000	24.00000	68.24000		82.00000	24.00000	68.24000	0.0	0.0	0.0
83.00000	24.00000	68.24000		83.00000	24.00000	68.24000	0.0	0.0	0.0
84.00000	24.00000	68.24000		84.00000	24.00000	68.24000	0.0	0.0	0.0
85.00000	24.00000	68.24000		85.00000	24.00000	68.24000	0.0	0.0	0.0
86.00000	24.00000	68.24000		86.00000	24.00000	68.24000	0.0	0.0	0.0
87.00000	24.00000	68.24000		87.00000	24.00000	68.24000	0.0	0.0	0.0
88.00000	24.00000	68.24000		88.00000	24.00000	68.24000	0.0	0.0	0.0
89.00000	24.00000	68.24000		89.00000	24.00000	68.24000	0.0	0.0	0.0
90.00000	24.00000	68.24000		90.00000	24.00000	68.24000	0.0	0.0	0.0
91.00000	24.00000	68.24000		91.00000	24.00000	68.24000	0.0	0.0	0.0
92.00000	24.00000	68.24000		92.00000	24.00000	68.24000	0.0	0.0	0.0
93.00000	24.00000	68.24000		93.00000	24.00000	68.24000	0.0	0.0	0.0
94.00000	24.00000	68.24000		94.00000	24.00000	68.24000	0.0	0.0	0.0
95.00000	24.00000	68.24000		95.00000	24.00000	68.24000	0.0	0.0	0.0
96.00000	24.00000	68.24000		96.00000	24.00000	68.24000	0.0	0.0	0.0
97.00000	24.00000	68.24000		97.00000	24.00000	68.24000	0.0	0.0	0.0
98.00000	24.00000	68.24000		98.00000	24.00000	68.24000	0.0	0.0	0.0
99.00000	24.00000	68.24000		99.00000	24.00000	68.24000	0.0	0.0	0.0
100.00000	24.00000	68.24000		100.00000	24.00000	68.24000	0.0	0.0	0.0
0.00000	25.00000	68.24000		0.00000	25.00000	68.24000	0.0	0.0	0.0
1.00000	25.00000	68.24000		1.00000	25.00000	68.24000	0.0	0.0	0.0
2.00000	25.00000	68.24000		2.00000	25.00000	68.24000	0.0	0.0	0.0
3.00000	25.00000	68.24000		3.00000	25.00000	68.24000	0.0	0.0	0.0
4.00000	25.00000	68.24000		4.00000	25.00000	68.24000	0.0	0.0	0.0
5.00000	25.00000	68.24000		5.00000	25.00000	68.24000	0.0	0.0	0.0
6.00000	25.00000	68.24000		6.00000	25.00000	68.24000	0.0	0.0	0.0
7.00000	25.00000	68.24000		7.00000	25.00000	68.24000	0.0	0.0	0.0
8.00000	25.00000	68.24000		8.00000	25.00000	68.24000	0.0	0.0	0.0
9.00000	25.00000	68.24000		9.00000	25.00000	68.24000	0.0	0.0	0.0
10.00000	25.00000	68.24000		10.00000	25.00000	68.24000	0.0	0.0	0.0
11.00000	25.00000	68.24000		11.00000	25.00000	68.24000	0.0	0.0	0.0
12.00000	25.00000	68.24000		12.00000	25.00000	68.24000	0.0	0.0	0.0
13.00000	25.00000	68.24000		13.00000	25.00000	68.24000	0.0	0.0	0.0
14.00000	25.00000	68.24000		14.00000	25.00000	68.24000	0.0	0.0	0.0
15.00000	25.00000	68.24000		15.00000	25.00000	68.24000	0.0	0.0	0.0
16.00000	25.00000	68.24000		16.00000	25.00000	68.24000	0.0	0.0	0.0
17.00000	25.00000	68.24000		17.00000	25.00000	68.24000	0.0	0.0	0.0
18.00000	25.00000	68.24000		18.00000	25.00000	68.24000	0.0	0.0	0.0
19.00000	25.00000	68.24000		19.00000	25.00000	68.24000	0.0	0.0	0.0
20.00000	25.00000	68.24000		20.00000	25.00000	68.24000	0.0	0.0	0.0
21.00000	25.00000	68.24000		21.00000	25.00000	68.24000	0.0	0.0	0.0
22.00000	25.00000	68.24000		22.00000	25.00000	68.24000	0.0	0.0	0.0
23.00000	25.00000	68.24000		23.00000	25.00000	68.24000	0.0	0.0	0.0
24.00000	25.00000	68.24000		24.00000	25.00000	68.24000	0.0	0.0	0.0
25.00000	25.00000	68.24000		25.00000	25.00000	68.24000	0.0	0.0	0.0
26.00000	25.00000	68.24000		26.00000	25.00000	68.24000	0.0	0.0	0.0
27.00000	25.00000	68.24000		27.00000	25.00000	68.24000	0.0	0.0	0.0
28.00000	25.00000	68.24000		28.00000	25.00000	68.24000	0.0	0.0	0.0
29.00000	25.00000	68.24000		29.00000	25.00000	68.24000	0.0	0.0	0.0
30.00000	25.00000	68.24000		30.00000	25.00000	68.24000	0.0	0.0	0.0
31.00000	25.00000	68.24000		31.00000	25.00000	68.24000	0.0	0.0	0.0
32.00000	25.00000	68.24000		32.00000	25.00000	68.24000	0.0	0.0	0.0
33.00000	25.00000	68.24000		33.00000	25.00000	68.24000	0.0	0.0	0.0
34.00000	25.00000	68.24000		34.00000	25.00000	68.24000	0.0	0.0	0.0
35.00000	25.00000	68.24000		35.00000	25.00000	68.24000	0.0	0.0	0.0
36.00000	25.00000	68.24000		36.00000	25.00000	68.24000	0.0	0.0	0.0
37.00000	25.00000	68.24000		37.00000	25.00000	68.24000	0.0	0.0	0.0
38.00000	25.00000	68.24000		38.00000	25.00000	68.24000	0.0	0.0	0.0
39.00000	25.00000	68.24000		39.00000	25.00000	68.24000	0.0	0.0	0.0
40.00000	25.00000	68.24000		40.00000	25.00000	68.24000	0.0	0.0	0.0
41.00000	25.00000	68.24000		41.00000	25.00000	68.24000	0.0	0.0	0.0
42.00000	25.00000	68.24000		42.00000	25.00000	68.24000	0.0	0.0	0.0
43.00000	25.00000	68.24000		43.00000	25.00000	68.24000	0.0	0.0	0.0
44.00000	25.00000	68.24000		44.00000	25.00000	68.24000	0.0	0.0	0.0
45.00000	25.00000	68.24000		45.00000	25.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				46.00000	25.00000	68.24000	0.0	0.0	0.0
				47.00000	25.00000	68.24000	0.0	0.0	0.0
				48.00000	25.00000	68.24000	0.0	0.0	0.0
				49.00000	25.00000	68.24000	0.0	0.0	0.0
				50.00000	25.00000	68.24000	0.0	0.0	0.0
				51.00000	25.00000	68.24000	0.0	0.0	0.0
				52.00000	25.00000	68.24000	0.0	0.0	0.0
				53.00000	25.00000	68.24000	0.0	0.0	0.0
				54.00000	25.00000	68.24000	0.0	0.0	0.0
				55.00000	25.00000	68.24000	0.0	0.0	0.0
				56.00000	25.00000	68.24000	0.0	0.0	0.0
				57.00000	25.00000	68.24000	0.0	0.0	0.0
				58.00000	25.00000	68.24000	0.0	0.0	0.0
				59.00000	25.00000	68.24000	0.0	0.0	0.0
				60.00000	25.00000	68.24000	0.0	0.0	0.0
				61.00000	25.00000	68.24000	0.0	0.0	0.0
				62.00000	25.00000	68.24000	0.0	0.0	0.0
				63.00000	25.00000	68.24000	0.0	0.0	0.0
				64.00000	25.00000	68.24000	0.0	0.0	0.0
				65.00000	25.00000	68.24000	0.0	0.0	0.0
				66.00000	25.00000	68.24000	0.0	0.0	0.0
				67.00000	25.00000	68.24000	0.0	0.0	0.0
				68.00000	25.00000	68.24000	0.0	0.0	0.0
				69.00000	25.00000	68.24000	0.0	0.0	0.0
				70.00000	25.00000	68.24000	0.0	0.0	0.0
				71.00000	25.00000	68.24000	0.0	0.0	0.0
				72.00000	25.00000	68.24000	0.0	0.0	0.0
				73.00000	25.00000	68.24000	0.0	0.0	0.0
				74.00000	25.00000	68.24000	0.0	0.0	0.0
				75.00000	25.00000	68.24000	0.0	0.0	0.0
				76.00000	25.00000	68.24000	0.0	0.0	0.0
				77.00000	25.00000	68.24000	0.0	0.0	0.0
				78.00000	25.00000	68.24000	0.0	0.0	0.0
				79.00000	25.00000	68.24000	0.0	0.0	0.0
				80.00000	25.00000	68.24000	0.0	0.0	0.0
				81.00000	25.00000	68.24000	0.0	0.0	0.0
				82.00000	25.00000	68.24000	0.0	0.0	0.0
				83.00000	25.00000	68.24000	0.0	0.0	0.0
				84.00000	25.00000	68.24000	0.0	0.0	0.0
				85.00000	25.00000	68.24000	0.0	0.0	0.0
				86.00000	25.00000	68.24000	0.0	0.0	0.0
				87.00000	25.00000	68.24000	0.0	0.0	0.0
				88.00000	25.00000	68.24000	0.0	0.0	0.0
				89.00000	25.00000	68.24000	0.0	0.0	0.0
				90.00000	25.00000	68.24000	0.0	0.0	0.0
				91.00000	25.00000	68.24000	0.0	0.0	0.0
				92.00000	25.00000	68.24000	0.0	0.0	0.0
				93.00000	25.00000	68.24000	0.0	0.0	0.0
				94.00000	25.00000	68.24000	0.0	0.0	0.0
				95.00000	25.00000	68.24000	0.0	0.0	0.0
				96.00000	25.00000	68.24000	0.0	0.0	0.0
				97.00000	25.00000	68.24000	0.0	0.0	0.0
				98.00000	25.00000	68.24000	0.0	0.0	0.0
				99.00000	25.00000	68.24000	0.0	0.0	0.0
				100.00000	25.00000	68.24000	0.0	0.0	0.0
				0.00000	26.00000	68.24000	0.0	0.0	0.0
				1.00000	26.00000	68.24000	0.0	0.0	0.0
				2.00000	26.00000	68.24000	0.0	0.0	0.0
				3.00000	26.00000	68.24000	0.0	0.0	0.0
				4.00000	26.00000	68.24000	0.0	0.0	0.0
				5.00000	26.00000	68.24000	0.0	0.0	0.0
				6.00000	26.00000	68.24000	0.0	0.0	0.0
				7.00000	26.00000	68.24000	0.0	0.0	0.0
				8.00000	26.00000	68.24000	0.0	0.0	0.0
				9.00000	26.00000	68.24000	0.0	0.0	0.0
				10.00000	26.00000	68.24000	0.0	0.0	0.0
				11.00000	26.00000	68.24000	0.0	0.0	0.0
				12.00000	26.00000	68.24000	0.0	0.0	0.0
				13.00000	26.00000	68.24000	0.0	0.0	0.0
				14.00000	26.00000	68.24000	0.0	0.0	0.0
				15.00000	26.00000	68.24000	0.0	0.0	0.0
				16.00000	26.00000	68.24000	0.0	0.0	0.0
				17.00000	26.00000	68.24000	0.0	0.0	0.0
				18.00000	26.00000	68.24000	0.0	0.0	0.0
				19.00000	26.00000	68.24000	0.0	0.0	0.0
				20.00000	26.00000	68.24000	0.0	0.0	0.0
				21.00000	26.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
22.00000	26.00000	68.24000		22.00000	26.00000	68.24000	0.0	0.0	0.0
23.00000	26.00000	68.24000		23.00000	26.00000	68.24000	0.0	0.0	0.0
24.00000	26.00000	68.24000		24.00000	26.00000	68.24000	0.0	0.0	0.0
25.00000	26.00000	68.24000		25.00000	26.00000	68.24000	0.0	0.0	0.0
26.00000	26.00000	68.24000		26.00000	26.00000	68.24000	0.0	0.0	0.0
27.00000	26.00000	68.24000		27.00000	26.00000	68.24000	0.0	0.0	0.0
28.00000	26.00000	68.24000		28.00000	26.00000	68.24000	0.0	0.0	0.0
29.00000	26.00000	68.24000		29.00000	26.00000	68.24000	0.0	0.0	0.0
30.00000	26.00000	68.24000		30.00000	26.00000	68.24000	0.0	0.0	0.0
31.00000	26.00000	68.24000		31.00000	26.00000	68.24000	0.0	0.0	0.0
32.00000	26.00000	68.24000		32.00000	26.00000	68.24000	0.0	0.0	0.0
33.00000	26.00000	68.24000		33.00000	26.00000	68.24000	0.0	0.0	0.0
34.00000	26.00000	68.24000		34.00000	26.00000	68.24000	0.0	0.0	0.0
35.00000	26.00000	68.24000		35.00000	26.00000	68.24000	0.0	0.0	0.0
36.00000	26.00000	68.24000		36.00000	26.00000	68.24000	0.0	0.0	0.0
37.00000	26.00000	68.24000		37.00000	26.00000	68.24000	0.0	0.0	0.0
38.00000	26.00000	68.24000		38.00000	26.00000	68.24000	0.0	0.0	0.0
39.00000	26.00000	68.24000		39.00000	26.00000	68.24000	0.0	0.0	0.0
40.00000	26.00000	68.24000		40.00000	26.00000	68.24000	0.0	0.0	0.0
41.00000	26.00000	68.24000		41.00000	26.00000	68.24000	0.0	0.0	0.0
42.00000	26.00000	68.24000		42.00000	26.00000	68.24000	0.0	0.0	0.0
43.00000	26.00000	68.24000		43.00000	26.00000	68.24000	0.0	0.0	0.0
44.00000	26.00000	68.24000		44.00000	26.00000	68.24000	0.0	0.0	0.0
45.00000	26.00000	68.24000		45.00000	26.00000	68.24000	0.0	0.0	0.0
46.00000	26.00000	68.24000		46.00000	26.00000	68.24000	0.0	0.0	0.0
47.00000	26.00000	68.24000		47.00000	26.00000	68.24000	0.0	0.0	0.0
48.00000	26.00000	68.24000		48.00000	26.00000	68.24000	0.0	0.0	0.0
49.00000	26.00000	68.24000		49.00000	26.00000	68.24000	0.0	0.0	0.0
50.00000	26.00000	68.24000		50.00000	26.00000	68.24000	0.0	0.0	0.0
51.00000	26.00000	68.24000		51.00000	26.00000	68.24000	0.0	0.0	0.0
52.00000	26.00000	68.24000		52.00000	26.00000	68.24000	0.0	0.0	0.0
53.00000	26.00000	68.24000		53.00000	26.00000	68.24000	0.0	0.0	0.0
54.00000	26.00000	68.24000		54.00000	26.00000	68.24000	0.0	0.0	0.0
55.00000	26.00000	68.24000		55.00000	26.00000	68.24000	0.0	0.0	0.0
56.00000	26.00000	68.24000		56.00000	26.00000	68.24000	0.0	0.0	0.0
57.00000	26.00000	68.24000		57.00000	26.00000	68.24000	0.0	0.0	0.0
58.00000	26.00000	68.24000		58.00000	26.00000	68.24000	0.0	0.0	0.0
59.00000	26.00000	68.24000		59.00000	26.00000	68.24000	0.0	0.0	0.0
60.00000	26.00000	68.24000		60.00000	26.00000	68.24000	0.0	0.0	0.0
61.00000	26.00000	68.24000		61.00000	26.00000	68.24000	0.0	0.0	0.0
62.00000	26.00000	68.24000		62.00000	26.00000	68.24000	0.0	0.0	0.0
63.00000	26.00000	68.24000		63.00000	26.00000	68.24000	0.0	0.0	0.0
64.00000	26.00000	68.24000		64.00000	26.00000	68.24000	0.0	0.0	0.0
65.00000	26.00000	68.24000		65.00000	26.00000	68.24000	0.0	0.0	0.0
66.00000	26.00000	68.24000		66.00000	26.00000	68.24000	0.0	0.0	0.0
67.00000	26.00000	68.24000		67.00000	26.00000	68.24000	0.0	0.0	0.0
68.00000	26.00000	68.24000		68.00000	26.00000	68.24000	0.0	0.0	0.0
69.00000	26.00000	68.24000		69.00000	26.00000	68.24000	0.0	0.0	0.0
70.00000	26.00000	68.24000		70.00000	26.00000	68.24000	0.0	0.0	0.0
71.00000	26.00000	68.24000		71.00000	26.00000	68.24000	0.0	0.0	0.0
72.00000	26.00000	68.24000		72.00000	26.00000	68.24000	0.0	0.0	0.0
73.00000	26.00000	68.24000		73.00000	26.00000	68.24000	0.0	0.0	0.0
74.00000	26.00000	68.24000		74.00000	26.00000	68.24000	0.0	0.0	0.0
75.00000	26.00000	68.24000		75.00000	26.00000	68.24000	0.0	0.0	0.0
76.00000	26.00000	68.24000		76.00000	26.00000	68.24000	0.0	0.0	0.0
77.00000	26.00000	68.24000		77.00000	26.00000	68.24000	0.0	0.0	0.0
78.00000	26.00000	68.24000		78.00000	26.00000	68.24000	0.0	0.0	0.0
79.00000	26.00000	68.24000		79.00000	26.00000	68.24000	0.0	0.0	0.0
80.00000	26.00000	68.24000		80.00000	26.00000	68.24000	0.0	0.0	0.0
81.00000	26.00000	68.24000		81.00000	26.00000	68.24000	0.0	0.0	0.0
82.00000	26.00000	68.24000		82.00000	26.00000	68.24000	0.0	0.0	0.0
83.00000	26.00000	68.24000		83.00000	26.00000	68.24000	0.0	0.0	0.0
84.00000	26.00000	68.24000		84.00000	26.00000	68.24000	0.0	0.0	0.0
85.00000	26.00000	68.24000		85.00000	26.00000	68.24000	0.0	0.0	0.0
86.00000	26.00000	68.24000		86.00000	26.00000	68.24000	0.0	0.0	0.0
87.00000	26.00000	68.24000		87.00000	26.00000	68.24000	0.0	0.0	0.0
88.00000	26.00000	68.24000		88.00000	26.00000	68.24000	0.0	0.0	0.0
89.00000	26.00000	68.24000		89.00000	26.00000	68.24000	0.0	0.0	0.0
90.00000	26.00000	68.24000		90.00000	26.00000	68.24000	0.0	0.0	0.0
91.00000	26.00000	68.24000		91.00000	26.00000	68.24000	0.0	0.0	0.0
92.00000	26.00000	68.24000		92.00000	26.00000	68.24000	0.0	0.0	0.0
93.00000	26.00000	68.24000		93.00000	26.00000	68.24000	0.0	0.0	0.0
94.00000	26.00000	68.24000		94.00000	26.00000	68.24000	0.0	0.0	0.0
95.00000	26.00000	68.24000		95.00000	26.00000	68.24000	0.0	0.0	0.0
96.00000	26.00000	68.24000		96.00000	26.00000	68.24000	0.0	0.0	0.0
97.00000	26.00000	68.24000		97.00000	26.00000	68.24000	0.0	0.0	0.0
98.00000	26.00000	68.24000		98.00000	26.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				99.00000	26.00000	68.24000	0.0	0.0	0.0
				100.00000	26.00000	68.24000	0.0	0.0	0.0
				0.00000	27.00000	68.24000	0.0	0.0	0.0
				1.00000	27.00000	68.24000	0.0	0.0	0.0
				2.00000	27.00000	68.24000	0.0	0.0	0.0
				3.00000	27.00000	68.24000	0.0	0.0	0.0
				4.00000	27.00000	68.24000	0.0	0.0	0.0
				5.00000	27.00000	68.24000	0.0	0.0	0.0
				6.00000	27.00000	68.24000	0.0	0.0	0.0
				7.00000	27.00000	68.24000	0.0	0.0	0.0
				8.00000	27.00000	68.24000	0.0	0.0	0.0
				9.00000	27.00000	68.24000	0.0	0.0	0.0
				10.00000	27.00000	68.24000	0.0	0.0	0.0
				11.00000	27.00000	68.24000	0.0	0.0	0.0
				12.00000	27.00000	68.24000	0.0	0.0	0.0
				13.00000	27.00000	68.24000	0.0	0.0	0.0
				14.00000	27.00000	68.24000	0.0	0.0	0.0
				15.00000	27.00000	68.24000	0.0	0.0	0.0
				16.00000	27.00000	68.24000	0.0	0.0	0.0
				17.00000	27.00000	68.24000	0.0	0.0	0.0
				18.00000	27.00000	68.24000	0.0	0.0	0.0
				19.00000	27.00000	68.24000	0.0	0.0	0.0
				20.00000	27.00000	68.24000	0.0	0.0	0.0
				21.00000	27.00000	68.24000	0.0	0.0	0.0
				22.00000	27.00000	68.24000	0.0	0.0	0.0
				23.00000	27.00000	68.24000	0.0	0.0	0.0
				24.00000	27.00000	68.24000	0.0	0.0	0.0
				25.00000	27.00000	68.24000	0.0	0.0	0.0
				26.00000	27.00000	68.24000	0.0	0.0	0.0
				27.00000	27.00000	68.24000	0.0	0.0	0.0
				28.00000	27.00000	68.24000	0.0	0.0	0.0
				29.00000	27.00000	68.24000	0.0	0.0	0.0
				30.00000	27.00000	68.24000	0.0	0.0	0.0
				31.00000	27.00000	68.24000	0.0	0.0	0.0
				32.00000	27.00000	68.24000	0.0	0.0	0.0
				33.00000	27.00000	68.24000	0.0	0.0	0.0
				34.00000	27.00000	68.24000	0.0	0.0	0.0
				35.00000	27.00000	68.24000	0.0	0.0	0.0
				36.00000	27.00000	68.24000	0.0	0.0	0.0
				37.00000	27.00000	68.24000	0.0	0.0	0.0
				38.00000	27.00000	68.24000	0.0	0.0	0.0
				39.00000	27.00000	68.24000	0.0	0.0	0.0
				40.00000	27.00000	68.24000	0.0	0.0	0.0
				41.00000	27.00000	68.24000	0.0	0.0	0.0
				42.00000	27.00000	68.24000	0.0	0.0	0.0
				43.00000	27.00000	68.24000	0.0	0.0	0.0
				44.00000	27.00000	68.24000	0.0	0.0	0.0
				45.00000	27.00000	68.24000	0.0	0.0	0.0
				46.00000	27.00000	68.24000	0.0	0.0	0.0
				47.00000	27.00000	68.24000	0.0	0.0	0.0
				48.00000	27.00000	68.24000	0.0	0.0	0.0
				49.00000	27.00000	68.24000	0.0	0.0	0.0
				50.00000	27.00000	68.24000	0.0	0.0	0.0
				51.00000	27.00000	68.24000	0.0	0.0	0.0
				52.00000	27.00000	68.24000	0.0	0.0	0.0
				53.00000	27.00000	68.24000	0.0	0.0	0.0
				54.00000	27.00000	68.24000	0.0	0.0	0.0
				55.00000	27.00000	68.24000	0.0	0.0	0.0
				56.00000	27.00000	68.24000	0.0	0.0	0.0
				57.00000	27.00000	68.24000	0.0	0.0	0.0
				58.00000	27.00000	68.24000	0.0	0.0	0.0
				59.00000	27.00000	68.24000	0.0	0.0	0.0
				60.00000	27.00000	68.24000	0.0	0.0	0.0
				61.00000	27.00000	68.24000	0.0	0.0	0.0
				62.00000	27.00000	68.24000	0.0	0.0	0.0
				63.00000	27.00000	68.24000	0.0	0.0	0.0
				64.00000	27.00000	68.24000	0.0	0.0	0.0
				65.00000	27.00000	68.24000	0.0	0.0	0.0
				66.00000	27.00000	68.24000	0.0	0.0	0.0
				67.00000	27.00000	68.24000	0.0	0.0	0.0
				68.00000	27.00000	68.24000	0.0	0.0	0.0
				69.00000	27.00000	68.24000	0.0	0.0	0.0
				70.00000	27.00000	68.24000	0.0	0.0	0.0
				71.00000	27.00000	68.24000	0.0	0.0	0.0
				72.00000	27.00000	68.24000	0.0	0.0	0.0
				73.00000	27.00000	68.24000	0.0	0.0	0.0
				74.00000	27.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date 30-Sep-2024 Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				75.00000	27.00000	68.24000	0.0	0.0	0.0
				76.00000	27.00000	68.24000	0.0	0.0	0.0
				77.00000	27.00000	68.24000	0.0	0.0	0.0
				78.00000	27.00000	68.24000	0.0	0.0	0.0
				79.00000	27.00000	68.24000	0.0	0.0	0.0
				80.00000	27.00000	68.24000	0.0	0.0	0.0
				81.00000	27.00000	68.24000	0.0	0.0	0.0
				82.00000	27.00000	68.24000	0.0	0.0	0.0
				83.00000	27.00000	68.24000	0.0	0.0	0.0
				84.00000	27.00000	68.24000	0.0	0.0	0.0
				85.00000	27.00000	68.24000	0.0	0.0	0.0
				86.00000	27.00000	68.24000	0.0	0.0	0.0
				87.00000	27.00000	68.24000	0.0	0.0	0.0
				88.00000	27.00000	68.24000	0.0	0.0	0.0
				89.00000	27.00000	68.24000	0.0	0.0	0.0
				90.00000	27.00000	68.24000	0.0	0.0	0.0
				91.00000	27.00000	68.24000	0.0	0.0	0.0
				92.00000	27.00000	68.24000	0.0	0.0	0.0
				93.00000	27.00000	68.24000	0.0	0.0	0.0
				94.00000	27.00000	68.24000	0.0	0.0	0.0
				95.00000	27.00000	68.24000	0.0	0.0	0.0
				96.00000	27.00000	68.24000	0.0	0.0	0.0
				97.00000	27.00000	68.24000	0.0	0.0	0.0
				98.00000	27.00000	68.24000	0.0	0.0	0.0
				99.00000	27.00000	68.24000	0.0	0.0	0.0
				100.00000	27.00000	68.24000	0.0	0.0	0.0
				0.00000	28.00000	68.24000	0.0	0.0	0.0
				1.00000	28.00000	68.24000	0.0	0.0	0.0
				2.00000	28.00000	68.24000	0.0	0.0	0.0
				3.00000	28.00000	68.24000	0.0	0.0	0.0
				4.00000	28.00000	68.24000	0.0	0.0	0.0
				5.00000	28.00000	68.24000	0.0	0.0	0.0
				6.00000	28.00000	68.24000	0.0	0.0	0.0
				7.00000	28.00000	68.24000	0.0	0.0	0.0
				8.00000	28.00000	68.24000	0.0	0.0	0.0
				9.00000	28.00000	68.24000	0.0	0.0	0.0
				10.00000	28.00000	68.24000	0.0	0.0	0.0
				11.00000	28.00000	68.24000	0.0	0.0	0.0
				12.00000	28.00000	68.24000	0.0	0.0	0.0
				13.00000	28.00000	68.24000	0.0	0.0	0.0
				14.00000	28.00000	68.24000	0.0	0.0	0.0
				15.00000	28.00000	68.24000	0.0	0.0	0.0
				16.00000	28.00000	68.24000	0.0	0.0	0.0
				17.00000	28.00000	68.24000	0.0	0.0	0.0
				18.00000	28.00000	68.24000	0.0	0.0	0.0
				19.00000	28.00000	68.24000	0.0	0.0	0.0
				20.00000	28.00000	68.24000	0.0	0.0	0.0
				21.00000	28.00000	68.24000	0.0	0.0	0.0
				22.00000	28.00000	68.24000	0.0	0.0	0.0
				23.00000	28.00000	68.24000	0.0	0.0	0.0
				24.00000	28.00000	68.24000	0.0	0.0	0.0
				25.00000	28.00000	68.24000	0.0	0.0	0.0
				26.00000	28.00000	68.24000	0.0	0.0	0.0
				27.00000	28.00000	68.24000	0.0	0.0	0.0
				28.00000	28.00000	68.24000	0.0	0.0	0.0
				29.00000	28.00000	68.24000	0.0	0.0	0.0
				30.00000	28.00000	68.24000	0.0	0.0	0.0
				31.00000	28.00000	68.24000	0.0	0.0	0.0
				32.00000	28.00000	68.24000	0.0	0.0	0.0
				33.00000	28.00000	68.24000	0.0	0.0	0.0
				34.00000	28.00000	68.24000	0.0	0.0	0.0
				35.00000	28.00000	68.24000	0.0	0.0	0.0
				36.00000	28.00000	68.24000	0.0	0.0	0.0
				37.00000	28.00000	68.24000	0.0	0.0	0.0
				38.00000	28.00000	68.24000	0.0	0.0	0.0
				39.00000	28.00000	68.24000	0.0	0.0	0.0
				40.00000	28.00000	68.24000	0.0	0.0	0.0
				41.00000	28.00000	68.24000	0.0	0.0	0.0
				42.00000	28.00000	68.24000	0.0	0.0	0.0
				43.00000	28.00000	68.24000	0.0	0.0	0.0
				44.00000	28.00000	68.24000	0.0	0.0	0.0
				45.00000	28.00000	68.24000	0.0	0.0	0.0
				46.00000	28.00000	68.24000	0.0	0.0	0.0
				47.00000	28.00000	68.24000	0.0	0.0	0.0
				48.00000	28.00000	68.24000	0.0	0.0	0.0
				49.00000	28.00000	68.24000	0.0	0.0	0.0
				50.00000	28.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				51.00000	28.00000	68.24000	0.0	0.0	0.0
				52.00000	28.00000	68.24000	0.0	0.0	0.0
				53.00000	28.00000	68.24000	0.0	0.0	0.0
				54.00000	28.00000	68.24000	0.0	0.0	0.0
				55.00000	28.00000	68.24000	0.0	0.0	0.0
				56.00000	28.00000	68.24000	0.0	0.0	0.0
				57.00000	28.00000	68.24000	0.0	0.0	0.0
				58.00000	28.00000	68.24000	0.0	0.0	0.0
				59.00000	28.00000	68.24000	0.0	0.0	0.0
				60.00000	28.00000	68.24000	0.0	0.0	0.0
				61.00000	28.00000	68.24000	0.0	0.0	0.0
				62.00000	28.00000	68.24000	0.0	0.0	0.0
				63.00000	28.00000	68.24000	0.0	0.0	0.0
				64.00000	28.00000	68.24000	0.0	0.0	0.0
				65.00000	28.00000	68.24000	0.0	0.0	0.0
				66.00000	28.00000	68.24000	0.0	0.0	0.0
				67.00000	28.00000	68.24000	0.0	0.0	0.0
				68.00000	28.00000	68.24000	0.0	0.0	0.0
				69.00000	28.00000	68.24000	0.0	0.0	0.0
				70.00000	28.00000	68.24000	0.0	0.0	0.0
				71.00000	28.00000	68.24000	0.0	0.0	0.0
				72.00000	28.00000	68.24000	0.0	0.0	0.0
				73.00000	28.00000	68.24000	0.0	0.0	0.0
				74.00000	28.00000	68.24000	0.0	0.0	0.0
				75.00000	28.00000	68.24000	0.0	0.0	0.0
				76.00000	28.00000	68.24000	0.0	0.0	0.0
				77.00000	28.00000	68.24000	0.0	0.0	0.0
				78.00000	28.00000	68.24000	0.0	0.0	0.0
				79.00000	28.00000	68.24000	0.0	0.0	0.0
				80.00000	28.00000	68.24000	0.0	0.0	0.0
				81.00000	28.00000	68.24000	0.0	0.0	0.0
				82.00000	28.00000	68.24000	0.0	0.0	0.0
				83.00000	28.00000	68.24000	0.0	0.0	0.0
				84.00000	28.00000	68.24000	0.0	0.0	0.0
				85.00000	28.00000	68.24000	0.0	0.0	0.0
				86.00000	28.00000	68.24000	0.0	0.0	0.0
				87.00000	28.00000	68.24000	0.0	0.0	0.0
				88.00000	28.00000	68.24000	0.0	0.0	0.0
				89.00000	28.00000	68.24000	0.0	0.0	0.0
				90.00000	28.00000	68.24000	0.0	0.0	0.0
				91.00000	28.00000	68.24000	0.0	0.0	0.0
				92.00000	28.00000	68.24000	0.0	0.0	0.0
				93.00000	28.00000	68.24000	0.0	0.0	0.0
				94.00000	28.00000	68.24000	0.0	0.0	0.0
				95.00000	28.00000	68.24000	0.0	0.0	0.0
				96.00000	28.00000	68.24000	0.0	0.0	0.0
				97.00000	28.00000	68.24000	0.0	0.0	0.0
				98.00000	28.00000	68.24000	0.0	0.0	0.0
				99.00000	28.00000	68.24000	0.0	0.0	0.0
				100.00000	28.00000	68.24000	0.0	0.0	0.0
				0.00000	29.00000	68.24000	0.0	0.0	0.0
				1.00000	29.00000	68.24000	0.0	0.0	0.0
				2.00000	29.00000	68.24000	0.0	0.0	0.0
				3.00000	29.00000	68.24000	0.0	0.0	0.0
				4.00000	29.00000	68.24000	0.0	0.0	0.0
				5.00000	29.00000	68.24000	0.0	0.0	0.0
				6.00000	29.00000	68.24000	0.0	0.0	0.0
				7.00000	29.00000	68.24000	0.0	0.0	0.0
				8.00000	29.00000	68.24000	0.0	0.0	0.0
				9.00000	29.00000	68.24000	0.0	0.0	0.0
				10.00000	29.00000	68.24000	0.0	0.0	0.0
				11.00000	29.00000	68.24000	0.0	0.0	0.0
				12.00000	29.00000	68.24000	0.0	0.0	0.0
				13.00000	29.00000	68.24000	0.0	0.0	0.0
				14.00000	29.00000	68.24000	0.0	0.0	0.0
				15.00000	29.00000	68.24000	0.0	0.0	0.0
				16.00000	29.00000	68.24000	0.0	0.0	0.0
				17.00000	29.00000	68.24000	0.0	0.0	0.0
				18.00000	29.00000	68.24000	0.0	0.0	0.0
				19.00000	29.00000	68.24000	0.0	0.0	0.0
				20.00000	29.00000	68.24000	0.0	0.0	0.0
				21.00000	29.00000	68.24000	0.0	0.0	0.0
				22.00000	29.00000	68.24000	0.0	0.0	0.0
				23.00000	29.00000	68.24000	0.0	0.0	0.0
				24.00000	29.00000	68.24000	0.0	0.0	0.0
				25.00000	29.00000	68.24000	0.0	0.0	0.0
				26.00000	29.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
27.00000	29.00000	68.24000		27.00000	29.00000	68.24000	0.0	0.0	0.0
28.00000	29.00000	68.24000		28.00000	29.00000	68.24000	0.0	0.0	0.0
29.00000	29.00000	68.24000		29.00000	29.00000	68.24000	0.0	0.0	0.0
30.00000	29.00000	68.24000		30.00000	29.00000	68.24000	0.0	0.0	0.0
31.00000	29.00000	68.24000		31.00000	29.00000	68.24000	0.0	0.0	0.0
32.00000	29.00000	68.24000		32.00000	29.00000	68.24000	0.0	0.0	0.0
33.00000	29.00000	68.24000		33.00000	29.00000	68.24000	0.0	0.0	0.0
34.00000	29.00000	68.24000		34.00000	29.00000	68.24000	0.0	0.0	0.0
35.00000	29.00000	68.24000		35.00000	29.00000	68.24000	0.0	0.0	0.0
36.00000	29.00000	68.24000		36.00000	29.00000	68.24000	0.0	0.0	0.0
37.00000	29.00000	68.24000		37.00000	29.00000	68.24000	0.0	0.0	0.0
38.00000	29.00000	68.24000		38.00000	29.00000	68.24000	0.0	0.0	0.0
39.00000	29.00000	68.24000		39.00000	29.00000	68.24000	0.0	0.0	0.0
40.00000	29.00000	68.24000		40.00000	29.00000	68.24000	0.0	0.0	0.0
41.00000	29.00000	68.24000		41.00000	29.00000	68.24000	0.0	0.0	0.0
42.00000	29.00000	68.24000		42.00000	29.00000	68.24000	0.0	0.0	0.0
43.00000	29.00000	68.24000		43.00000	29.00000	68.24000	0.0	0.0	0.0
44.00000	29.00000	68.24000		44.00000	29.00000	68.24000	0.0	0.0	0.0
45.00000	29.00000	68.24000		45.00000	29.00000	68.24000	0.0	0.0	0.0
46.00000	29.00000	68.24000		46.00000	29.00000	68.24000	0.0	0.0	0.0
47.00000	29.00000	68.24000		47.00000	29.00000	68.24000	0.0	0.0	0.0
48.00000	29.00000	68.24000		48.00000	29.00000	68.24000	0.0	0.0	0.0
49.00000	29.00000	68.24000		49.00000	29.00000	68.24000	0.0	0.0	0.0
50.00000	29.00000	68.24000		50.00000	29.00000	68.24000	0.0	0.0	0.0
51.00000	29.00000	68.24000		51.00000	29.00000	68.24000	0.0	0.0	0.0
52.00000	29.00000	68.24000		52.00000	29.00000	68.24000	0.0	0.0	0.0
53.00000	29.00000	68.24000		53.00000	29.00000	68.24000	0.0	0.0	0.0
54.00000	29.00000	68.24000		54.00000	29.00000	68.24000	0.0	0.0	0.0
55.00000	29.00000	68.24000		55.00000	29.00000	68.24000	0.0	0.0	0.0
56.00000	29.00000	68.24000		56.00000	29.00000	68.24000	0.0	0.0	0.0
57.00000	29.00000	68.24000		57.00000	29.00000	68.24000	0.0	0.0	0.0
58.00000	29.00000	68.24000		58.00000	29.00000	68.24000	0.0	0.0	0.0
59.00000	29.00000	68.24000		59.00000	29.00000	68.24000	0.0	0.0	0.0
60.00000	29.00000	68.24000		60.00000	29.00000	68.24000	0.0	0.0	0.0
61.00000	29.00000	68.24000		61.00000	29.00000	68.24000	0.0	0.0	0.0
62.00000	29.00000	68.24000		62.00000	29.00000	68.24000	0.0	0.0	0.0
63.00000	29.00000	68.24000		63.00000	29.00000	68.24000	0.0	0.0	0.0
64.00000	29.00000	68.24000		64.00000	29.00000	68.24000	0.0	0.0	0.0
65.00000	29.00000	68.24000		65.00000	29.00000	68.24000	0.0	0.0	0.0
66.00000	29.00000	68.24000		66.00000	29.00000	68.24000	0.0	0.0	0.0
67.00000	29.00000	68.24000		67.00000	29.00000	68.24000	0.0	0.0	0.0
68.00000	29.00000	68.24000		68.00000	29.00000	68.24000	0.0	0.0	0.0
69.00000	29.00000	68.24000		69.00000	29.00000	68.24000	0.0	0.0	0.0
70.00000	29.00000	68.24000		70.00000	29.00000	68.24000	0.0	0.0	0.0
71.00000	29.00000	68.24000		71.00000	29.00000	68.24000	0.0	0.0	0.0
72.00000	29.00000	68.24000		72.00000	29.00000	68.24000	0.0	0.0	0.0
73.00000	29.00000	68.24000		73.00000	29.00000	68.24000	0.0	0.0	0.0
74.00000	29.00000	68.24000		74.00000	29.00000	68.24000	0.0	0.0	0.0
75.00000	29.00000	68.24000		75.00000	29.00000	68.24000	0.0	0.0	0.0
76.00000	29.00000	68.24000		76.00000	29.00000	68.24000	0.0	0.0	0.0
77.00000	29.00000	68.24000		77.00000	29.00000	68.24000	0.0	0.0	0.0
78.00000	29.00000	68.24000		78.00000	29.00000	68.24000	0.0	0.0	0.0
79.00000	29.00000	68.24000		79.00000	29.00000	68.24000	0.0	0.0	0.0
80.00000	29.00000	68.24000		80.00000	29.00000	68.24000	0.0	0.0	0.0
81.00000	29.00000	68.24000		81.00000	29.00000	68.24000	0.0	0.0	0.0
82.00000	29.00000	68.24000		82.00000	29.00000	68.24000	0.0	0.0	0.0
83.00000	29.00000	68.24000		83.00000	29.00000	68.24000	0.0	0.0	0.0
84.00000	29.00000	68.24000		84.00000	29.00000	68.24000	0.0	0.0	0.0
85.00000	29.00000	68.24000		85.00000	29.00000	68.24000	0.0	0.0	0.0
86.00000	29.00000	68.24000		86.00000	29.00000	68.24000	0.0	0.0	0.0
87.00000	29.00000	68.24000		87.00000	29.00000	68.24000	0.0	0.0	0.0
88.00000	29.00000	68.24000		88.00000	29.00000	68.24000	0.0	0.0	0.0
89.00000	29.00000	68.24000		89.00000	29.00000	68.24000	0.0	0.0	0.0
90.00000	29.00000	68.24000		90.00000	29.00000	68.24000	0.0	0.0	0.0
91.00000	29.00000	68.24000		91.00000	29.00000	68.24000	0.0	0.0	0.0
92.00000	29.00000	68.24000		92.00000	29.00000	68.24000	0.0	0.0	0.0
93.00000	29.00000	68.24000		93.00000	29.00000	68.24000	0.0	0.0	0.0
94.00000	29.00000	68.24000		94.00000	29.00000	68.24000	0.0	0.0	0.0
95.00000	29.00000	68.24000		95.00000	29.00000	68.24000	0.0	0.0	0.0
96.00000	29.00000	68.24000		96.00000	29.00000	68.24000	0.0	0.0	0.0
97.00000	29.00000	68.24000		97.00000	29.00000	68.24000	0.0	0.0	0.0
98.00000	29.00000	68.24000		98.00000	29.00000	68.24000	0.0	0.0	0.0
99.00000	29.00000	68.24000		99.00000	29.00000	68.24000	0.0	0.0	0.0
100.00000	29.00000	68.24000		100.00000	29.00000	68.24000	0.0	0.0	0.0
0.00000	30.00000	68.24000		0.00000	30.00000	68.24000	0.0	0.0	0.0
1.00000	30.00000	68.24000		1.00000	30.00000	68.24000	0.0	0.0	0.0
2.00000	30.00000	68.24000		2.00000	30.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				3.00000	30.00000	68.24000	0.0	0.0	0.0
				4.00000	30.00000	68.24000	0.0	0.0	0.0
				5.00000	30.00000	68.24000	0.0	0.0	0.0
				6.00000	30.00000	68.24000	0.0	0.0	0.0
				7.00000	30.00000	68.24000	0.0	0.0	0.0
				8.00000	30.00000	68.24000	0.0	0.0	0.0
				9.00000	30.00000	68.24000	0.0	0.0	0.0
				10.00000	30.00000	68.24000	0.0	0.0	0.0
				11.00000	30.00000	68.24000	0.0	0.0	0.0
				12.00000	30.00000	68.24000	0.0	0.0	0.0
				13.00000	30.00000	68.24000	0.0	0.0	0.0
				14.00000	30.00000	68.24000	0.0	0.0	0.0
				15.00000	30.00000	68.24000	0.0	0.0	0.0
				16.00000	30.00000	68.24000	0.0	0.0	0.0
				17.00000	30.00000	68.24000	0.0	0.0	0.0
				18.00000	30.00000	68.24000	0.0	0.0	0.0
				19.00000	30.00000	68.24000	0.0	0.0	0.0
				20.00000	30.00000	68.24000	0.0	0.0	0.0
				21.00000	30.00000	68.24000	0.0	0.0	0.0
				22.00000	30.00000	68.24000	0.0	0.0	0.0
				23.00000	30.00000	68.24000	0.0	0.0	0.0
				24.00000	30.00000	68.24000	0.0	0.0	0.0
				25.00000	30.00000	68.24000	0.0	0.0	0.0
				26.00000	30.00000	68.24000	0.0	0.0	0.0
				27.00000	30.00000	68.24000	0.0	0.0	0.0
				28.00000	30.00000	68.24000	0.0	0.0	0.0
				29.00000	30.00000	68.24000	0.0	0.0	0.0
				30.00000	30.00000	68.24000	0.0	0.0	0.0
				31.00000	30.00000	68.24000	0.0	0.0	0.0
				32.00000	30.00000	68.24000	0.0	0.0	0.0
				33.00000	30.00000	68.24000	0.0	0.0	0.0
				34.00000	30.00000	68.24000	0.0	0.0	0.0
				35.00000	30.00000	68.24000	0.0	0.0	0.0
				36.00000	30.00000	68.24000	0.0	0.0	0.0
				37.00000	30.00000	68.24000	0.0	0.0	0.0
				38.00000	30.00000	68.24000	0.0	0.0	0.0
				39.00000	30.00000	68.24000	0.0	0.0	0.0
				40.00000	30.00000	68.24000	0.0	0.0	0.0
				41.00000	30.00000	68.24000	0.0	0.0	0.0
				42.00000	30.00000	68.24000	0.0	0.0	0.0
				43.00000	30.00000	68.24000	0.0	0.0	0.0
				44.00000	30.00000	68.24000	0.0	0.0	0.0
				45.00000	30.00000	68.24000	0.0	0.0	0.0
				46.00000	30.00000	68.24000	0.0	0.0	0.0
				47.00000	30.00000	68.24000	0.0	0.0	0.0
				48.00000	30.00000	68.24000	0.0	0.0	0.0
				49.00000	30.00000	68.24000	0.0	0.0	0.0
				50.00000	30.00000	68.24000	0.0	0.0	0.0
				51.00000	30.00000	68.24000	0.0	0.0	0.0
				52.00000	30.00000	68.24000	0.0	0.0	0.0
				53.00000	30.00000	68.24000	0.0	0.0	0.0
				54.00000	30.00000	68.24000	0.0	0.0	0.0
				55.00000	30.00000	68.24000	0.0	0.0	0.0
				56.00000	30.00000	68.24000	0.0	0.0	0.0
				57.00000	30.00000	68.24000	0.0	0.0	0.0
				58.00000	30.00000	68.24000	0.0	0.0	0.0
				59.00000	30.00000	68.24000	0.0	0.0	0.0
				60.00000	30.00000	68.24000	0.0	0.0	0.0
				61.00000	30.00000	68.24000	0.0	0.0	0.0
				62.00000	30.00000	68.24000	0.0	0.0	0.0
				63.00000	30.00000	68.24000	0.0	0.0	0.0
				64.00000	30.00000	68.24000	0.0	0.0	0.0
				65.00000	30.00000	68.24000	0.0	0.0	0.0
				66.00000	30.00000	68.24000	0.0	0.0	0.0
				67.00000	30.00000	68.24000	0.0	0.0	0.0
				68.00000	30.00000	68.24000	0.0	0.0	0.0
				69.00000	30.00000	68.24000	0.0	0.0	0.0
				70.00000	30.00000	68.24000	0.0	0.0	0.0
				71.00000	30.00000	68.24000	0.0	0.0	0.0
				72.00000	30.00000	68.24000	0.0	0.0	0.0
				73.00000	30.00000	68.24000	0.0	0.0	0.0
				74.00000	30.00000	68.24000	0.0	0.0	0.0
				75.00000	30.00000	68.24000	0.0	0.0	0.0
				76.00000	30.00000	68.24000	0.0	0.0	0.0
				77.00000	30.00000	68.24000	0.0	0.0	0.0
				78.00000	30.00000	68.24000	0.0	0.0	0.0
				79.00000	30.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				80.00000	30.00000	68.24000	0.0	0.0	0.0
				81.00000	30.00000	68.24000	0.0	0.0	0.0
				82.00000	30.00000	68.24000	0.0	0.0	0.0
				83.00000	30.00000	68.24000	0.0	0.0	0.0
				84.00000	30.00000	68.24000	0.0	0.0	0.0
				85.00000	30.00000	68.24000	0.0	0.0	0.0
				86.00000	30.00000	68.24000	0.0	0.0	0.0
				87.00000	30.00000	68.24000	0.0	0.0	0.0
				88.00000	30.00000	68.24000	0.0	0.0	0.0
				89.00000	30.00000	68.24000	0.0	0.0	0.0
				90.00000	30.00000	68.24000	0.0	0.0	0.0
				91.00000	30.00000	68.24000	0.0	0.0	0.0
				92.00000	30.00000	68.24000	0.0	0.0	0.0
				93.00000	30.00000	68.24000	0.0	0.0	0.0
				94.00000	30.00000	68.24000	0.0	0.0	0.0
				95.00000	30.00000	68.24000	0.0	0.0	0.0
				96.00000	30.00000	68.24000	0.0	0.0	0.0
				97.00000	30.00000	68.24000	0.0	0.0	0.0
				98.00000	30.00000	68.24000	0.0	0.0	0.0
				99.00000	30.00000	68.24000	0.0	0.0	0.0
				100.00000	30.00000	68.24000	0.0	0.0	0.0
				0.00000	31.00000	68.24000	0.0	0.0	0.0
				1.00000	31.00000	68.24000	0.0	0.0	0.0
				2.00000	31.00000	68.24000	0.0	0.0	0.0
				3.00000	31.00000	68.24000	0.0	0.0	0.0
				4.00000	31.00000	68.24000	0.0	0.0	0.0
				5.00000	31.00000	68.24000	0.0	0.0	0.0
				6.00000	31.00000	68.24000	0.0	0.0	0.0
				7.00000	31.00000	68.24000	0.0	0.0	0.0
				8.00000	31.00000	68.24000	0.0	0.0	0.0
				9.00000	31.00000	68.24000	0.0	0.0	0.0
				10.00000	31.00000	68.24000	0.0	0.0	0.0
				11.00000	31.00000	68.24000	0.0	0.0	0.0
				12.00000	31.00000	68.24000	0.0	0.0	0.0
				13.00000	31.00000	68.24000	0.0	0.0	0.0
				14.00000	31.00000	68.24000	0.0	0.0	0.0
				15.00000	31.00000	68.24000	0.0	0.0	0.0
				16.00000	31.00000	68.24000	0.0	0.0	0.0
				17.00000	31.00000	68.24000	0.0	0.0	0.0
				18.00000	31.00000	68.24000	0.0	0.0	0.0
				19.00000	31.00000	68.24000	0.0	0.0	0.0
				20.00000	31.00000	68.24000	0.0	0.0	0.0
				21.00000	31.00000	68.24000	0.0	0.0	0.0
				22.00000	31.00000	68.24000	0.0	0.0	0.0
				23.00000	31.00000	68.24000	0.0	0.0	0.0
				24.00000	31.00000	68.24000	0.0	0.0	0.0
				25.00000	31.00000	68.24000	0.0	0.0	0.0
				26.00000	31.00000	68.24000	0.0	0.0	0.0
				27.00000	31.00000	68.24000	0.0	0.0	0.0
				28.00000	31.00000	68.24000	0.0	0.0	0.0
				29.00000	31.00000	68.24000	0.0	0.0	0.0
				30.00000	31.00000	68.24000	0.0	0.0	0.0
				31.00000	31.00000	68.24000	0.0	0.0	0.0
				32.00000	31.00000	68.24000	0.0	0.0	0.0
				33.00000	31.00000	68.24000	0.0	0.0	0.0
				34.00000	31.00000	68.24000	0.0	0.0	0.0
				35.00000	31.00000	68.24000	0.0	0.0	0.0
				36.00000	31.00000	68.24000	0.0	0.0	0.0
				37.00000	31.00000	68.24000	0.0	0.0	0.0
				38.00000	31.00000	68.24000	0.0	0.0	0.0
				39.00000	31.00000	68.24000	0.0	0.0	0.0
				40.00000	31.00000	68.24000	0.0	0.0	0.0
				41.00000	31.00000	68.24000	0.0	0.0	0.0
				42.00000	31.00000	68.24000	0.0	0.0	0.0
				43.00000	31.00000	68.24000	0.0	0.0	0.0
				44.00000	31.00000	68.24000	0.0	0.0	0.0
				45.00000	31.00000	68.24000	0.0	0.0	0.0
				46.00000	31.00000	68.24000	0.0	0.0	0.0
				47.00000	31.00000	68.24000	0.0	0.0	0.0
				48.00000	31.00000	68.24000	0.0	0.0	0.0
				49.00000	31.00000	68.24000	0.0	0.0	0.0
				50.00000	31.00000	68.24000	0.0	0.0	0.0
				51.00000	31.00000	68.24000	0.0	0.0	0.0
				52.00000	31.00000	68.24000	0.0	0.0	0.0
				53.00000	31.00000	68.24000	0.0	0.0	0.0
				54.00000	31.00000	68.24000	0.0	0.0	0.0
				55.00000	31.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				56.00000	31.00000	68.24000	0.0	0.0	0.0
				57.00000	31.00000	68.24000	0.0	0.0	0.0
				58.00000	31.00000	68.24000	0.0	0.0	0.0
				59.00000	31.00000	68.24000	0.0	0.0	0.0
				60.00000	31.00000	68.24000	0.0	0.0	0.0
				61.00000	31.00000	68.24000	0.0	0.0	0.0
				62.00000	31.00000	68.24000	0.0	0.0	0.0
				63.00000	31.00000	68.24000	0.0	0.0	0.0
				64.00000	31.00000	68.24000	0.0	0.0	0.0
				65.00000	31.00000	68.24000	0.0	0.0	0.0
				66.00000	31.00000	68.24000	0.0	0.0	0.0
				67.00000	31.00000	68.24000	0.0	0.0	0.0
				68.00000	31.00000	68.24000	0.0	0.0	0.0
				69.00000	31.00000	68.24000	0.0	0.0	0.0
				70.00000	31.00000	68.24000	0.0	0.0	0.0
				71.00000	31.00000	68.24000	0.0	0.0	0.0
				72.00000	31.00000	68.24000	0.0	0.0	0.0
				73.00000	31.00000	68.24000	0.0	0.0	0.0
				74.00000	31.00000	68.24000	0.0	0.0	0.0
				75.00000	31.00000	68.24000	0.0	0.0	0.0
				76.00000	31.00000	68.24000	0.0	0.0	0.0
				77.00000	31.00000	68.24000	0.0	0.0	0.0
				78.00000	31.00000	68.24000	0.0	0.0	0.0
				79.00000	31.00000	68.24000	0.0	0.0	0.0
				80.00000	31.00000	68.24000	0.0	0.0	0.0
				81.00000	31.00000	68.24000	0.0	0.0	0.0
				82.00000	31.00000	68.24000	0.0	0.0	0.0
				83.00000	31.00000	68.24000	0.0	0.0	0.0
				84.00000	31.00000	68.24000	0.0	0.0	0.0
				85.00000	31.00000	68.24000	0.0	0.0	0.0
				86.00000	31.00000	68.24000	0.0	0.0	0.0
				87.00000	31.00000	68.24000	0.0	0.0	0.0
				88.00000	31.00000	68.24000	0.0	0.0	0.0
				89.00000	31.00000	68.24000	0.0	0.0	0.0
				90.00000	31.00000	68.24000	0.0	0.0	0.0
				91.00000	31.00000	68.24000	0.0	0.0	0.0
				92.00000	31.00000	68.24000	0.0	0.0	0.0
				93.00000	31.00000	68.24000	0.0	0.0	0.0
				94.00000	31.00000	68.24000	0.0	0.0	0.0
				95.00000	31.00000	68.24000	0.0	0.0	0.0
				96.00000	31.00000	68.24000	0.0	0.0	0.0
				97.00000	31.00000	68.24000	0.0	0.0	0.0
				98.00000	31.00000	68.24000	0.0	0.0	0.0
				99.00000	31.00000	68.24000	0.0	0.0	0.0
				100.00000	31.00000	68.24000	0.0	0.0	0.0
				0.00000	32.00000	68.24000	0.0	0.0	0.0
				1.00000	32.00000	68.24000	0.0	0.0	0.0
				2.00000	32.00000	68.24000	0.0	0.0	0.0
				3.00000	32.00000	68.24000	0.0	0.0	0.0
				4.00000	32.00000	68.24000	0.0	0.0	0.0
				5.00000	32.00000	68.24000	0.0	0.0	0.0
				6.00000	32.00000	68.24000	0.0	0.0	0.0
				7.00000	32.00000	68.24000	0.0	0.0	0.0
				8.00000	32.00000	68.24000	0.0	0.0	0.0
				9.00000	32.00000	68.24000	0.0	0.0	0.0
				10.00000	32.00000	68.24000	0.0	0.0	0.0
				11.00000	32.00000	68.24000	0.0	0.0	0.0
				12.00000	32.00000	68.24000	0.0	0.0	0.0
				13.00000	32.00000	68.24000	0.0	0.0	0.0
				14.00000	32.00000	68.24000	0.0	0.0	0.0
				15.00000	32.00000	68.24000	0.0	0.0	0.0
				16.00000	32.00000	68.24000	0.0	0.0	0.0
				17.00000	32.00000	68.24000	0.0	0.0	0.0
				18.00000	32.00000	68.24000	0.0	0.0	0.0
				19.00000	32.00000	68.24000	0.0	0.0	0.0
				20.00000	32.00000	68.24000	0.0	0.0	0.0
				21.00000	32.00000	68.24000	0.0	0.0	0.0
				22.00000	32.00000	68.24000	0.0	0.0	0.0
				23.00000	32.00000	68.24000	0.0	0.0	0.0
				24.00000	32.00000	68.24000	0.0	0.0	0.0
				25.00000	32.00000	68.24000	0.0	0.0	0.0
				26.00000	32.00000	68.24000	0.0	0.0	0.0
				27.00000	32.00000	68.24000	0.0	0.0	0.0
				28.00000	32.00000	68.24000	0.0	0.0	0.0
				29.00000	32.00000	68.24000	0.0	0.0	0.0
				30.00000	32.00000	68.24000	0.0	0.0	0.0
				31.00000	32.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				32.00000	32.00000	68.24000	0.0	0.0	0.0
				33.00000	32.00000	68.24000	0.0	0.0	0.0
				34.00000	32.00000	68.24000	0.0	0.0	0.0
				35.00000	32.00000	68.24000	0.0	0.0	0.0
				36.00000	32.00000	68.24000	0.0	0.0	0.0
				37.00000	32.00000	68.24000	0.0	0.0	0.0
				38.00000	32.00000	68.24000	0.0	0.0	0.0
				39.00000	32.00000	68.24000	0.0	0.0	0.0
				40.00000	32.00000	68.24000	0.0	0.0	0.0
				41.00000	32.00000	68.24000	0.0	0.0	0.0
				42.00000	32.00000	68.24000	0.0	0.0	0.0
				43.00000	32.00000	68.24000	0.0	0.0	0.0
				44.00000	32.00000	68.24000	0.0	0.0	0.0
				45.00000	32.00000	68.24000	0.0	0.0	0.0
				46.00000	32.00000	68.24000	0.0	0.0	0.0
				47.00000	32.00000	68.24000	0.0	0.0	0.0
				48.00000	32.00000	68.24000	0.0	0.0	0.0
				49.00000	32.00000	68.24000	0.0	0.0	0.0
				50.00000	32.00000	68.24000	0.0	0.0	0.0
				51.00000	32.00000	68.24000	0.0	0.0	0.0
				52.00000	32.00000	68.24000	0.0	0.0	0.0
				53.00000	32.00000	68.24000	0.0	0.0	0.0
				54.00000	32.00000	68.24000	0.0	0.0	0.0
				55.00000	32.00000	68.24000	0.0	0.0	0.0
				56.00000	32.00000	68.24000	0.0	0.0	0.0
				57.00000	32.00000	68.24000	0.0	0.0	0.0
				58.00000	32.00000	68.24000	0.0	0.0	0.0
				59.00000	32.00000	68.24000	0.0	0.0	0.0
				60.00000	32.00000	68.24000	0.0	0.0	0.0
				61.00000	32.00000	68.24000	0.0	0.0	0.0
				62.00000	32.00000	68.24000	0.0	0.0	0.0
				63.00000	32.00000	68.24000	0.0	0.0	0.0
				64.00000	32.00000	68.24000	0.0	0.0	0.0
				65.00000	32.00000	68.24000	0.0	0.0	0.0
				66.00000	32.00000	68.24000	0.0	0.0	0.0
				67.00000	32.00000	68.24000	0.0	0.0	0.0
				68.00000	32.00000	68.24000	0.0	0.0	0.0
				69.00000	32.00000	68.24000	0.0	0.0	0.0
				70.00000	32.00000	68.24000	0.0	0.0	0.0
				71.00000	32.00000	68.24000	0.0	0.0	0.0
				72.00000	32.00000	68.24000	0.0	0.0	0.0
				73.00000	32.00000	68.24000	0.0	0.0	0.0
				74.00000	32.00000	68.24000	0.0	0.0	0.0
				75.00000	32.00000	68.24000	0.0	0.0	0.0
				76.00000	32.00000	68.24000	0.0	0.0	0.0
				77.00000	32.00000	68.24000	0.0	0.0	0.0
				78.00000	32.00000	68.24000	0.0	0.0	0.0
				79.00000	32.00000	68.24000	0.0	0.0	0.0
				80.00000	32.00000	68.24000	0.0	0.0	0.0
				81.00000	32.00000	68.24000	0.0	0.0	0.0
				82.00000	32.00000	68.24000	0.0	0.0	0.0
				83.00000	32.00000	68.24000	0.0	0.0	0.0
				84.00000	32.00000	68.24000	0.0	0.0	0.0
				85.00000	32.00000	68.24000	0.0	0.0	0.0
				86.00000	32.00000	68.24000	0.0	0.0	0.0
				87.00000	32.00000	68.24000	0.0	0.0	0.0
				88.00000	32.00000	68.24000	0.0	0.0	0.0
				89.00000	32.00000	68.24000	0.0	0.0	0.0
				90.00000	32.00000	68.24000	0.0	0.0	0.0
				91.00000	32.00000	68.24000	0.0	0.0	0.0
				92.00000	32.00000	68.24000	0.0	0.0	0.0
				93.00000	32.00000	68.24000	0.0	0.0	0.0
				94.00000	32.00000	68.24000	0.0	0.0	0.0
				95.00000	32.00000	68.24000	0.0	0.0	0.0
				96.00000	32.00000	68.24000	0.0	0.0	0.0
				97.00000	32.00000	68.24000	0.0	0.0	0.0
				98.00000	32.00000	68.24000	0.0	0.0	0.0
				99.00000	32.00000	68.24000	0.0	0.0	0.0
				100.00000	32.00000	68.24000	0.0	0.0	0.0
				0.00000	33.00000	68.24000	0.0	0.0	0.0
				1.00000	33.00000	68.24000	0.0	0.0	0.0
				2.00000	33.00000	68.24000	0.0	0.0	0.0
				3.00000	33.00000	68.24000	0.0	0.0	0.0
				4.00000	33.00000	68.24000	0.0	0.0	0.0
				5.00000	33.00000	68.24000	0.0	0.0	0.0
				6.00000	33.00000	68.24000	0.0	0.0	0.0
				7.00000	33.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				8.00000	33.00000	68.24000	0.0	0.0	0.0
				9.00000	33.00000	68.24000	0.0	0.0	0.0
				10.00000	33.00000	68.24000	0.0	0.0	0.0
				11.00000	33.00000	68.24000	0.0	0.0	0.0
				12.00000	33.00000	68.24000	0.0	0.0	0.0
				13.00000	33.00000	68.24000	0.0	0.0	0.0
				14.00000	33.00000	68.24000	0.0	0.0	0.0
				15.00000	33.00000	68.24000	0.0	0.0	0.0
				16.00000	33.00000	68.24000	0.0	0.0	0.0
				17.00000	33.00000	68.24000	0.0	0.0	0.0
				18.00000	33.00000	68.24000	0.0	0.0	0.0
				19.00000	33.00000	68.24000	0.0	0.0	0.0
				20.00000	33.00000	68.24000	0.0	0.0	0.0
				21.00000	33.00000	68.24000	0.0	0.0	0.0
				22.00000	33.00000	68.24000	0.0	0.0	0.0
				23.00000	33.00000	68.24000	0.0	0.0	0.0
				24.00000	33.00000	68.24000	0.0	0.0	0.0
				25.00000	33.00000	68.24000	0.0	0.0	0.0
				26.00000	33.00000	68.24000	0.0	0.0	0.0
				27.00000	33.00000	68.24000	0.0	0.0	0.0
				28.00000	33.00000	68.24000	0.0	0.0	0.0
				29.00000	33.00000	68.24000	0.0	0.0	0.0
				30.00000	33.00000	68.24000	0.0	0.0	0.0
				31.00000	33.00000	68.24000	0.0	0.0	0.0
				32.00000	33.00000	68.24000	0.0	0.0	0.0
				33.00000	33.00000	68.24000	0.0	0.0	0.0
				34.00000	33.00000	68.24000	0.0	0.0	0.0
				35.00000	33.00000	68.24000	0.0	0.0	0.0
				36.00000	33.00000	68.24000	0.0	0.0	0.0
				37.00000	33.00000	68.24000	0.0	0.0	0.0
				38.00000	33.00000	68.24000	0.0	0.0	0.0
				39.00000	33.00000	68.24000	0.0	0.0	0.0
				40.00000	33.00000	68.24000	0.0	0.0	0.0
				41.00000	33.00000	68.24000	0.0	0.0	0.0
				42.00000	33.00000	68.24000	0.0	0.0	0.0
				43.00000	33.00000	68.24000	0.0	0.0	0.0
				44.00000	33.00000	68.24000	0.0	0.0	0.0
				45.00000	33.00000	68.24000	0.0	0.0	0.0
				46.00000	33.00000	68.24000	0.0	0.0	0.0
				47.00000	33.00000	68.24000	0.0	0.0	0.0
				48.00000	33.00000	68.24000	0.0	0.0	0.0
				49.00000	33.00000	68.24000	0.0	0.0	0.0
				50.00000	33.00000	68.24000	0.0	0.0	0.0
				51.00000	33.00000	68.24000	0.0	0.0	0.0
				52.00000	33.00000	68.24000	0.0	0.0	0.0
				53.00000	33.00000	68.24000	0.0	0.0	0.0
				54.00000	33.00000	68.24000	0.0	0.0	0.0
				55.00000	33.00000	68.24000	0.0	0.0	0.0
				56.00000	33.00000	68.24000	0.0	0.0	0.0
				57.00000	33.00000	68.24000	0.0	0.0	0.0
				58.00000	33.00000	68.24000	0.0	0.0	0.0
				59.00000	33.00000	68.24000	0.0	0.0	0.0
				60.00000	33.00000	68.24000	0.0	0.0	0.0
				61.00000	33.00000	68.24000	0.0	0.0	0.0
				62.00000	33.00000	68.24000	0.0	0.0	0.0
				63.00000	33.00000	68.24000	0.0	0.0	0.0
				64.00000	33.00000	68.24000	0.0	0.0	0.0
				65.00000	33.00000	68.24000	0.0	0.0	0.0
				66.00000	33.00000	68.24000	0.0	0.0	0.0
				67.00000	33.00000	68.24000	0.0	0.0	0.0
				68.00000	33.00000	68.24000	0.0	0.0	0.0
				69.00000	33.00000	68.24000	0.0	0.0	0.0
				70.00000	33.00000	68.24000	0.0	0.0	0.0
				71.00000	33.00000	68.24000	0.0	0.0	0.0
				72.00000	33.00000	68.24000	0.0	0.0	0.0
				73.00000	33.00000	68.24000	0.0	0.0	0.0
				74.00000	33.00000	68.24000	0.0	0.0	0.0
				75.00000	33.00000	68.24000	0.0	0.0	0.0
				76.00000	33.00000	68.24000	0.0	0.0	0.0
				77.00000	33.00000	68.24000	0.0	0.0	0.0
				78.00000	33.00000	68.24000	0.0	0.0	0.0
				79.00000	33.00000	68.24000	0.0	0.0	0.0
				80.00000	33.00000	68.24000	0.0	0.0	0.0
				81.00000	33.00000	68.24000	0.0	0.0	0.0
				82.00000	33.00000	68.24000	0.0	0.0	0.0
				83.00000	33.00000	68.24000	0.0	0.0	0.0
				84.00000	33.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				85.00000	33.00000	68.24000	0.0	0.0	0.0
				86.00000	33.00000	68.24000	0.0	0.0	0.0
				87.00000	33.00000	68.24000	0.0	0.0	0.0
				88.00000	33.00000	68.24000	0.0	0.0	0.0
				89.00000	33.00000	68.24000	0.0	0.0	0.0
				90.00000	33.00000	68.24000	0.0	0.0	0.0
				91.00000	33.00000	68.24000	0.0	0.0	0.0
				92.00000	33.00000	68.24000	0.0	0.0	0.0
				93.00000	33.00000	68.24000	0.0	0.0	0.0
				94.00000	33.00000	68.24000	0.0	0.0	0.0
				95.00000	33.00000	68.24000	0.0	0.0	0.0
				96.00000	33.00000	68.24000	0.0	0.0	0.0
				97.00000	33.00000	68.24000	0.0	0.0	0.0
				98.00000	33.00000	68.24000	0.0	0.0	0.0
				99.00000	33.00000	68.24000	0.0	0.0	0.0
				100.00000	33.00000	68.24000	0.0	0.0	0.0
				0.00000	34.00000	68.24000	0.0	0.0	0.0
				1.00000	34.00000	68.24000	0.0	0.0	0.0
				2.00000	34.00000	68.24000	0.0	0.0	0.0
				3.00000	34.00000	68.24000	0.0	0.0	0.0
				4.00000	34.00000	68.24000	0.0	0.0	0.0
				5.00000	34.00000	68.24000	0.0	0.0	0.0
				6.00000	34.00000	68.24000	0.0	0.0	0.0
				7.00000	34.00000	68.24000	0.0	0.0	0.0
				8.00000	34.00000	68.24000	0.0	0.0	0.0
				9.00000	34.00000	68.24000	0.0	0.0	0.0
				10.00000	34.00000	68.24000	0.0	0.0	0.0
				11.00000	34.00000	68.24000	0.0	0.0	0.0
				12.00000	34.00000	68.24000	0.0	0.0	0.0
				13.00000	34.00000	68.24000	0.0	0.0	0.0
				14.00000	34.00000	68.24000	0.0	0.0	0.0
				15.00000	34.00000	68.24000	0.0	0.0	0.0
				16.00000	34.00000	68.24000	0.0	0.0	0.0
				17.00000	34.00000	68.24000	0.0	0.0	0.0
				18.00000	34.00000	68.24000	0.0	0.0	0.0
				19.00000	34.00000	68.24000	0.0	0.0	0.0
				20.00000	34.00000	68.24000	0.0	0.0	0.0
				21.00000	34.00000	68.24000	0.0	0.0	0.0
				22.00000	34.00000	68.24000	0.0	0.0	0.0
				23.00000	34.00000	68.24000	0.0	0.0	0.0
				24.00000	34.00000	68.24000	0.0	0.0	0.0
				25.00000	34.00000	68.24000	0.0	0.0	0.0
				26.00000	34.00000	68.24000	0.0	0.0	0.0
				27.00000	34.00000	68.24000	0.0	0.0	0.0
				28.00000	34.00000	68.24000	0.0	0.0	0.0
				29.00000	34.00000	68.24000	0.0	0.0	0.0
				30.00000	34.00000	68.24000	0.0	0.0	0.0
				31.00000	34.00000	68.24000	0.0	0.0	0.0
				32.00000	34.00000	68.24000	0.0	0.0	0.0
				33.00000	34.00000	68.24000	0.0	0.0	0.0
				34.00000	34.00000	68.24000	0.0	0.0	0.0
				35.00000	34.00000	68.24000	0.0	0.0	0.0
				36.00000	34.00000	68.24000	0.0	0.0	0.0
				37.00000	34.00000	68.24000	0.0	0.0	0.0
				38.00000	34.00000	68.24000	0.0	0.0	0.0
				39.00000	34.00000	68.24000	0.0	0.0	0.0
				40.00000	34.00000	68.24000	0.0	0.0	0.0
				41.00000	34.00000	68.24000	0.0	0.0	0.0
				42.00000	34.00000	68.24000	0.0	0.0	0.0
				43.00000	34.00000	68.24000	0.0	0.0	0.0
				44.00000	34.00000	68.24000	0.0	0.0	0.0
				45.00000	34.00000	68.24000	0.0	0.0	0.0
				46.00000	34.00000	68.24000	0.0	0.0	0.0
				47.00000	34.00000	68.24000	0.0	0.0	0.0
				48.00000	34.00000	68.24000	0.0	0.0	0.0
				49.00000	34.00000	68.24000	0.0	0.0	0.0
				50.00000	34.00000	68.24000	0.0	0.0	0.0
				51.00000	34.00000	68.24000	0.0	0.0	0.0
				52.00000	34.00000	68.24000	0.0	0.0	0.0
				53.00000	34.00000	68.24000	0.0	0.0	0.0
				54.00000	34.00000	68.24000	0.0	0.0	0.0
				55.00000	34.00000	68.24000	0.0	0.0	0.0
				56.00000	34.00000	68.24000	0.0	0.0	0.0
				57.00000	34.00000	68.24000	0.0	0.0	0.0
				58.00000	34.00000	68.24000	0.0	0.0	0.0
				59.00000	34.00000	68.24000	0.0	0.0	0.0
				60.00000	34.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				61.00000	34.00000	68.24000	0.0	0.0	0.0
				62.00000	34.00000	68.24000	0.0	0.0	0.0
				63.00000	34.00000	68.24000	0.0	0.0	0.0
				64.00000	34.00000	68.24000	0.0	0.0	0.0
				65.00000	34.00000	68.24000	0.0	0.0	0.0
				66.00000	34.00000	68.24000	0.0	0.0	0.0
				67.00000	34.00000	68.24000	0.0	0.0	0.0
				68.00000	34.00000	68.24000	0.0	0.0	0.0
				69.00000	34.00000	68.24000	0.0	0.0	0.0
				70.00000	34.00000	68.24000	0.0	0.0	0.0
				71.00000	34.00000	68.24000	0.0	0.0	0.0
				72.00000	34.00000	68.24000	0.0	0.0	0.0
				73.00000	34.00000	68.24000	0.0	0.0	0.0
				74.00000	34.00000	68.24000	0.0	0.0	0.0
				75.00000	34.00000	68.24000	0.0	0.0	0.0
				76.00000	34.00000	68.24000	0.0	0.0	0.0
				77.00000	34.00000	68.24000	0.0	0.0	0.0
				78.00000	34.00000	68.24000	0.0	0.0	0.0
				79.00000	34.00000	68.24000	0.0	0.0	0.0
				80.00000	34.00000	68.24000	0.0	0.0	0.0
				81.00000	34.00000	68.24000	0.0	0.0	0.0
				82.00000	34.00000	68.24000	0.0	0.0	0.0
				83.00000	34.00000	68.24000	0.0	0.0	0.0
				84.00000	34.00000	68.24000	0.0	0.0	0.0
				85.00000	34.00000	68.24000	0.0	0.0	0.0
				86.00000	34.00000	68.24000	0.0	0.0	0.0
				87.00000	34.00000	68.24000	0.0	0.0	0.0
				88.00000	34.00000	68.24000	0.0	0.0	0.0
				89.00000	34.00000	68.24000	0.0	0.0	0.0
				90.00000	34.00000	68.24000	0.0	0.0	0.0
				91.00000	34.00000	68.24000	0.0	0.0	0.0
				92.00000	34.00000	68.24000	0.0	0.0	0.0
				93.00000	34.00000	68.24000	0.0	0.0	0.0
				94.00000	34.00000	68.24000	0.0	0.0	0.0
				95.00000	34.00000	68.24000	0.0	0.0	0.0
				96.00000	34.00000	68.24000	0.0	0.0	0.0
				97.00000	34.00000	68.24000	0.0	0.0	0.0
				98.00000	34.00000	68.24000	0.0	0.0	0.0
				99.00000	34.00000	68.24000	0.0	0.0	0.0
				100.00000	34.00000	68.24000	0.0	0.0	0.0
				0.00000	35.00000	68.24000	0.0	0.0	0.0
				1.00000	35.00000	68.24000	0.0	0.0	0.0
				2.00000	35.00000	68.24000	0.0	0.0	0.0
				3.00000	35.00000	68.24000	0.0	0.0	0.0
				4.00000	35.00000	68.24000	0.0	0.0	0.0
				5.00000	35.00000	68.24000	0.0	0.0	0.0
				6.00000	35.00000	68.24000	0.0	0.0	0.0
				7.00000	35.00000	68.24000	0.0	0.0	0.0
				8.00000	35.00000	68.24000	0.0	0.0	0.0
				9.00000	35.00000	68.24000	0.0	0.0	0.0
				10.00000	35.00000	68.24000	0.0	0.0	0.0
				11.00000	35.00000	68.24000	0.0	0.0	0.0
				12.00000	35.00000	68.24000	0.0	0.0	0.0
				13.00000	35.00000	68.24000	0.0	0.0	0.0
				14.00000	35.00000	68.24000	0.0	0.0	0.0
				15.00000	35.00000	68.24000	0.0	0.0	0.0
				16.00000	35.00000	68.24000	0.0	0.0	0.0
				17.00000	35.00000	68.24000	0.0	0.0	0.0
				18.00000	35.00000	68.24000	0.0	0.0	0.0
				19.00000	35.00000	68.24000	0.0	0.0	0.0
				20.00000	35.00000	68.24000	0.0	0.0	0.0
				21.00000	35.00000	68.24000	0.0	0.0	0.0
				22.00000	35.00000	68.24000	0.0	0.0	0.0
				23.00000	35.00000	68.24000	0.0	0.0	0.0
				24.00000	35.00000	68.24000	0.0	0.0	0.0
				25.00000	35.00000	68.24000	0.0	0.0	0.0
				26.00000	35.00000	68.24000	0.0	0.0	0.0
				27.00000	35.00000	68.24000	0.0	0.0	0.0
				28.00000	35.00000	68.24000	0.0	0.0	0.0
				29.00000	35.00000	68.24000	0.0	0.0	0.0
				30.00000	35.00000	68.24000	0.0	0.0	0.0
				31.00000	35.00000	68.24000	0.0	0.0	0.0
				32.00000	35.00000	68.24000	0.0	0.0	0.0
				33.00000	35.00000	68.24000	0.0	0.0	0.0
				34.00000	35.00000	68.24000	0.0	0.0	0.0
				35.00000	35.00000	68.24000	0.0	0.0	0.0
				36.00000	35.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				37.00000	35.00000	68.24000	0.0	0.0	0.0
				38.00000	35.00000	68.24000	0.0	0.0	0.0
				39.00000	35.00000	68.24000	0.0	0.0	0.0
				40.00000	35.00000	68.24000	0.0	0.0	0.0
				41.00000	35.00000	68.24000	0.0	0.0	0.0
				42.00000	35.00000	68.24000	0.0	0.0	0.0
				43.00000	35.00000	68.24000	0.0	0.0	0.0
				44.00000	35.00000	68.24000	0.0	0.0	0.0
				45.00000	35.00000	68.24000	0.0	0.0	0.0
				46.00000	35.00000	68.24000	0.0	0.0	0.0
				47.00000	35.00000	68.24000	0.0	0.0	0.0
				48.00000	35.00000	68.24000	0.0	0.0	0.0
				49.00000	35.00000	68.24000	0.0	0.0	0.0
				50.00000	35.00000	68.24000	0.0	0.0	0.0
				51.00000	35.00000	68.24000	0.0	0.0	0.0
				52.00000	35.00000	68.24000	0.0	0.0	0.0
				53.00000	35.00000	68.24000	0.0	0.0	0.0
				54.00000	35.00000	68.24000	0.0	0.0	0.0
				55.00000	35.00000	68.24000	0.0	0.0	0.0
				56.00000	35.00000	68.24000	0.0	0.0	0.0
				57.00000	35.00000	68.24000	0.0	0.0	0.0
				58.00000	35.00000	68.24000	0.0	0.0	0.0
				59.00000	35.00000	68.24000	0.0	0.0	0.0
				60.00000	35.00000	68.24000	0.0	0.0	0.0
				61.00000	35.00000	68.24000	0.0	0.0	0.0
				62.00000	35.00000	68.24000	0.0	0.0	0.0
				63.00000	35.00000	68.24000	0.0	0.0	0.0
				64.00000	35.00000	68.24000	0.0	0.0	0.0
				65.00000	35.00000	68.24000	0.0	0.0	0.0
				66.00000	35.00000	68.24000	0.0	0.0	0.0
				67.00000	35.00000	68.24000	0.0	0.0	0.0
				68.00000	35.00000	68.24000	0.0	0.0	0.0
				69.00000	35.00000	68.24000	0.0	0.0	0.0
				70.00000	35.00000	68.24000	0.0	0.0	0.0
				71.00000	35.00000	68.24000	0.0	0.0	0.0
				72.00000	35.00000	68.24000	0.0	0.0	0.0
				73.00000	35.00000	68.24000	0.0	0.0	0.0
				74.00000	35.00000	68.24000	0.0	0.0	0.0
				75.00000	35.00000	68.24000	0.0	0.0	0.0
				76.00000	35.00000	68.24000	0.0	0.0	0.0
				77.00000	35.00000	68.24000	0.0	0.0	0.0
				78.00000	35.00000	68.24000	0.0	0.0	0.0
				79.00000	35.00000	68.24000	0.0	0.0	0.0
				80.00000	35.00000	68.24000	0.0	0.0	0.0
				81.00000	35.00000	68.24000	0.0	0.0	0.0
				82.00000	35.00000	68.24000	0.0	0.0	0.0
				83.00000	35.00000	68.24000	0.0	0.0	0.0
				84.00000	35.00000	68.24000	0.0	0.0	0.0
				85.00000	35.00000	68.24000	0.0	0.0	0.0
				86.00000	35.00000	68.24000	0.0	0.0	0.0
				87.00000	35.00000	68.24000	0.0	0.0	0.0
				88.00000	35.00000	68.24000	0.0	0.0	0.0
				89.00000	35.00000	68.24000	0.0	0.0	0.0
				90.00000	35.00000	68.24000	0.0	0.0	0.0
				91.00000	35.00000	68.24000	0.0	0.0	0.0
				92.00000	35.00000	68.24000	0.0	0.0	0.0
				93.00000	35.00000	68.24000	0.0	0.0	0.0
				94.00000	35.00000	68.24000	0.0	0.0	0.0
				95.00000	35.00000	68.24000	0.0	0.0	0.0
				96.00000	35.00000	68.24000	0.0	0.0	0.0
				97.00000	35.00000	68.24000	0.0	0.0	0.0
				98.00000	35.00000	68.24000	0.0	0.0	0.0
				99.00000	35.00000	68.24000	0.0	0.0	0.0
				100.00000	35.00000	68.24000	0.0	0.0	0.0
				0.00000	36.00000	68.24000	0.0	0.0	0.0
				1.00000	36.00000	68.24000	0.0	0.0	0.0
				2.00000	36.00000	68.24000	0.0	0.0	0.0
				3.00000	36.00000	68.24000	0.0	0.0	0.0
				4.00000	36.00000	68.24000	0.0	0.0	0.0
				5.00000	36.00000	68.24000	0.0	0.0	0.0
				6.00000	36.00000	68.24000	0.0	0.0	0.0
				7.00000	36.00000	68.24000	0.0	0.0	0.0
				8.00000	36.00000	68.24000	0.0	0.0	0.0
				9.00000	36.00000	68.24000	0.0	0.0	0.0
				10.00000	36.00000	68.24000	0.0	0.0	0.0
				11.00000	36.00000	68.24000	0.0	0.0	0.0
				12.00000	36.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				13.00000	36.00000	68.24000	0.0	0.0	0.0
				14.00000	36.00000	68.24000	0.0	0.0	0.0
				15.00000	36.00000	68.24000	0.0	0.0	0.0
				16.00000	36.00000	68.24000	0.0	0.0	0.0
				17.00000	36.00000	68.24000	0.0	0.0	0.0
				18.00000	36.00000	68.24000	0.0	0.0	0.0
				19.00000	36.00000	68.24000	0.0	0.0	0.0
				20.00000	36.00000	68.24000	0.0	0.0	0.0
				21.00000	36.00000	68.24000	0.0	0.0	0.0
				22.00000	36.00000	68.24000	0.0	0.0	0.0
				23.00000	36.00000	68.24000	0.0	0.0	0.0
				24.00000	36.00000	68.24000	0.0	0.0	0.0
				25.00000	36.00000	68.24000	0.0	0.0	0.0
				26.00000	36.00000	68.24000	0.0	0.0	0.0
				27.00000	36.00000	68.24000	0.0	0.0	0.0
				28.00000	36.00000	68.24000	0.0	0.0	0.0
				29.00000	36.00000	68.24000	0.0	0.0	0.0
				30.00000	36.00000	68.24000	0.0	0.0	0.0
				31.00000	36.00000	68.24000	0.0	0.0	0.0
				32.00000	36.00000	68.24000	0.0	0.0	0.0
				33.00000	36.00000	68.24000	0.0	0.0	0.0
				34.00000	36.00000	68.24000	0.0	0.0	0.0
				35.00000	36.00000	68.24000	0.0	0.0	0.0
				36.00000	36.00000	68.24000	0.0	0.0	0.0
				37.00000	36.00000	68.24000	0.0	0.0	0.0
				38.00000	36.00000	68.24000	0.0	0.0	0.0
				39.00000	36.00000	68.24000	0.0	0.0	0.0
				40.00000	36.00000	68.24000	0.0	0.0	0.0
				41.00000	36.00000	68.24000	0.0	0.0	0.0
				42.00000	36.00000	68.24000	0.0	0.0	0.0
				43.00000	36.00000	68.24000	0.0	0.0	0.0
				44.00000	36.00000	68.24000	0.0	0.0	0.0
				45.00000	36.00000	68.24000	0.0	0.0	0.0
				46.00000	36.00000	68.24000	0.0	0.0	0.0
				47.00000	36.00000	68.24000	0.0	0.0	0.0
				48.00000	36.00000	68.24000	0.0	0.0	0.0
				49.00000	36.00000	68.24000	0.0	0.0	0.0
				50.00000	36.00000	68.24000	0.0	0.0	0.0
				51.00000	36.00000	68.24000	0.0	0.0	0.0
				52.00000	36.00000	68.24000	0.0	0.0	0.0
				53.00000	36.00000	68.24000	0.0	0.0	0.0
				54.00000	36.00000	68.24000	0.0	0.0	0.0
				55.00000	36.00000	68.24000	0.0	0.0	0.0
				56.00000	36.00000	68.24000	0.0	0.0	0.0
				57.00000	36.00000	68.24000	0.0	0.0	0.0
				58.00000	36.00000	68.24000	0.0	0.0	0.0
				59.00000	36.00000	68.24000	0.0	0.0	0.0
				60.00000	36.00000	68.24000	0.0	0.0	0.0
				61.00000	36.00000	68.24000	0.0	0.0	0.0
				62.00000	36.00000	68.24000	0.0	0.0	0.0
				63.00000	36.00000	68.24000	0.0	0.0	0.0
				64.00000	36.00000	68.24000	0.0	0.0	0.0
				65.00000	36.00000	68.24000	0.0	0.0	0.0
				66.00000	36.00000	68.24000	0.0	0.0	0.0
				67.00000	36.00000	68.24000	0.0	0.0	0.0
				68.00000	36.00000	68.24000	0.0	0.0	0.0
				69.00000	36.00000	68.24000	0.0	0.0	0.0
				70.00000	36.00000	68.24000	0.0	0.0	0.0
				71.00000	36.00000	68.24000	0.0	0.0	0.0
				72.00000	36.00000	68.24000	0.0	0.0	0.0
				73.00000	36.00000	68.24000	0.0	0.0	0.0
				74.00000	36.00000	68.24000	0.0	0.0	0.0
				75.00000	36.00000	68.24000	0.0	0.0	0.0
				76.00000	36.00000	68.24000	0.0	0.0	0.0
				77.00000	36.00000	68.24000	0.0	0.0	0.0
				78.00000	36.00000	68.24000	0.0	0.0	0.0
				79.00000	36.00000	68.24000	0.0	0.0	0.0
				80.00000	36.00000	68.24000	0.0	0.0	0.0
				81.00000	36.00000	68.24000	0.0	0.0	0.0
				82.00000	36.00000	68.24000	0.0	0.0	0.0
				83.00000	36.00000	68.24000	0.0	0.0	0.0
				84.00000	36.00000	68.24000	0.0	0.0	0.0
				85.00000	36.00000	68.24000	0.0	0.0	0.0
				86.00000	36.00000	68.24000	0.0	0.0	0.0
				87.00000	36.00000	68.24000	0.0	0.0	0.0
				88.00000	36.00000	68.24000	0.0	0.0	0.0
				89.00000	36.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				66.00000	37.00000	68.24000	0.0	0.0	0.0
				67.00000	37.00000	68.24000	0.0	0.0	0.0
				68.00000	37.00000	68.24000	0.0	0.0	0.0
				69.00000	37.00000	68.24000	0.0	0.0	0.0
				70.00000	37.00000	68.24000	0.0	0.0	0.0
				71.00000	37.00000	68.24000	0.0	0.0	0.0
				72.00000	37.00000	68.24000	0.0	0.0	0.0
				73.00000	37.00000	68.24000	0.0	0.0	0.0
				74.00000	37.00000	68.24000	0.0	0.0	0.0
				75.00000	37.00000	68.24000	0.0	0.0	0.0
				76.00000	37.00000	68.24000	0.0	0.0	0.0
				77.00000	37.00000	68.24000	0.0	0.0	0.0
				78.00000	37.00000	68.24000	0.0	0.0	0.0
				79.00000	37.00000	68.24000	0.0	0.0	0.0
				80.00000	37.00000	68.24000	0.0	0.0	0.0
				81.00000	37.00000	68.24000	0.0	0.0	0.0
				82.00000	37.00000	68.24000	0.0	0.0	0.0
				83.00000	37.00000	68.24000	0.0	0.0	0.0
				84.00000	37.00000	68.24000	0.0	0.0	0.0
				85.00000	37.00000	68.24000	0.0	0.0	0.0
				86.00000	37.00000	68.24000	0.0	0.0	0.0
				87.00000	37.00000	68.24000	0.0	0.0	0.0
				88.00000	37.00000	68.24000	0.0	0.0	0.0
				89.00000	37.00000	68.24000	0.0	0.0	0.0
				90.00000	37.00000	68.24000	0.0	0.0	0.0
				91.00000	37.00000	68.24000	0.0	0.0	0.0
				92.00000	37.00000	68.24000	0.0	0.0	0.0
				93.00000	37.00000	68.24000	0.0	0.0	0.0
				94.00000	37.00000	68.24000	0.0	0.0	0.0
				95.00000	37.00000	68.24000	0.0	0.0	0.0
				96.00000	37.00000	68.24000	0.0	0.0	0.0
				97.00000	37.00000	68.24000	0.0	0.0	0.0
				98.00000	37.00000	68.24000	0.0	0.0	0.0
				99.00000	37.00000	68.24000	0.0	0.0	0.0
				100.00000	37.00000	68.24000	0.0	0.0	0.0
				0.00000	38.00000	68.24000	0.0	0.0	0.0
				1.00000	38.00000	68.24000	0.0	0.0	0.0
				2.00000	38.00000	68.24000	0.0	0.0	0.0
				3.00000	38.00000	68.24000	0.0	0.0	0.0
				4.00000	38.00000	68.24000	0.0	0.0	0.0
				5.00000	38.00000	68.24000	0.0	0.0	0.0
				6.00000	38.00000	68.24000	0.0	0.0	0.0
				7.00000	38.00000	68.24000	0.0	0.0	0.0
				8.00000	38.00000	68.24000	0.0	0.0	0.0
				9.00000	38.00000	68.24000	0.0	0.0	0.0
				10.00000	38.00000	68.24000	0.0	0.0	0.0
				11.00000	38.00000	68.24000	0.0	0.0	0.0
				12.00000	38.00000	68.24000	0.0	0.0	0.0
				13.00000	38.00000	68.24000	0.0	0.0	0.0
				14.00000	38.00000	68.24000	0.0	0.0	0.0
				15.00000	38.00000	68.24000	0.0	0.0	0.0
				16.00000	38.00000	68.24000	0.0	0.0	0.0
				17.00000	38.00000	68.24000	0.0	0.0	0.0
				18.00000	38.00000	68.24000	0.0	0.0	0.0
				19.00000	38.00000	68.24000	0.0	0.0	0.0
				20.00000	38.00000	68.24000	0.0	0.0	0.0
				21.00000	38.00000	68.24000	0.0	0.0	0.0
				22.00000	38.00000	68.24000	0.0	0.0	0.0
				23.00000	38.00000	68.24000	0.0	0.0	0.0
				24.00000	38.00000	68.24000	0.0	0.0	0.0
				25.00000	38.00000	68.24000	0.0	0.0	0.0
				26.00000	38.00000	68.24000	0.0	0.0	0.0
				27.00000	38.00000	68.24000	0.0	0.0	0.0
				28.00000	38.00000	68.24000	0.0	0.0	0.0
				29.00000	38.00000	68.24000	0.0	0.0	0.0
				30.00000	38.00000	68.24000	0.0	0.0	0.0
				31.00000	38.00000	68.24000	0.0	0.0	0.0
				32.00000	38.00000	68.24000	0.0	0.0	0.0
				33.00000	38.00000	68.24000	0.0	0.0	0.0
				34.00000	38.00000	68.24000	0.0	0.0	0.0
				35.00000	38.00000	68.24000	0.0	0.0	0.0
				36.00000	38.00000	68.24000	0.0	0.0	0.0
				37.00000	38.00000	68.24000	0.0	0.0	0.0
				38.00000	38.00000	68.24000	0.0	0.0	0.0
				39.00000	38.00000	68.24000	0.0	0.0	0.0
				40.00000	38.00000	68.24000	0.0	0.0	0.0
				41.00000	38.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				42.00000	38.00000	68.24000	0.0	0.0	0.0
				43.00000	38.00000	68.24000	0.0	0.0	0.0
				44.00000	38.00000	68.24000	0.0	0.0	0.0
				45.00000	38.00000	68.24000	0.0	0.0	0.0
				46.00000	38.00000	68.24000	0.0	0.0	0.0
				47.00000	38.00000	68.24000	0.0	0.0	0.0
				48.00000	38.00000	68.24000	0.0	0.0	0.0
				49.00000	38.00000	68.24000	0.0	0.0	0.0
				50.00000	38.00000	68.24000	0.0	0.0	0.0
				51.00000	38.00000	68.24000	0.0	0.0	0.0
				52.00000	38.00000	68.24000	0.0	0.0	0.0
				53.00000	38.00000	68.24000	0.0	0.0	0.0
				54.00000	38.00000	68.24000	0.0	0.0	0.0
				55.00000	38.00000	68.24000	0.0	0.0	0.0
				56.00000	38.00000	68.24000	0.0	0.0	0.0
				57.00000	38.00000	68.24000	0.0	0.0	0.0
				58.00000	38.00000	68.24000	0.0	0.0	0.0
				59.00000	38.00000	68.24000	0.0	0.0	0.0
				60.00000	38.00000	68.24000	0.0	0.0	0.0
				61.00000	38.00000	68.24000	0.0	0.0	0.0
				62.00000	38.00000	68.24000	0.0	0.0	0.0
				63.00000	38.00000	68.24000	0.0	0.0	0.0
				64.00000	38.00000	68.24000	0.0	0.0	0.0
				65.00000	38.00000	68.24000	0.0	0.0	0.0
				66.00000	38.00000	68.24000	0.0	0.0	0.0
				67.00000	38.00000	68.24000	0.0	0.0	0.0
				68.00000	38.00000	68.24000	0.0	0.0	0.0
				69.00000	38.00000	68.24000	0.0	0.0	0.0
				70.00000	38.00000	68.24000	0.0	0.0	0.0
				71.00000	38.00000	68.24000	0.0	0.0	0.0
				72.00000	38.00000	68.24000	0.0	0.0	0.0
				73.00000	38.00000	68.24000	0.0	0.0	0.0
				74.00000	38.00000	68.24000	0.0	0.0	0.0
				75.00000	38.00000	68.24000	0.0	0.0	0.0
				76.00000	38.00000	68.24000	0.0	0.0	0.0
				77.00000	38.00000	68.24000	0.0	0.0	0.0
				78.00000	38.00000	68.24000	0.0	0.0	0.0
				79.00000	38.00000	68.24000	0.0	0.0	0.0
				80.00000	38.00000	68.24000	0.0	0.0	0.0
				81.00000	38.00000	68.24000	0.0	0.0	0.0
				82.00000	38.00000	68.24000	0.0	0.0	0.0
				83.00000	38.00000	68.24000	0.0	0.0	0.0
				84.00000	38.00000	68.24000	0.0	0.0	0.0
				85.00000	38.00000	68.24000	0.0	0.0	0.0
				86.00000	38.00000	68.24000	0.0	0.0	0.0
				87.00000	38.00000	68.24000	0.0	0.0	0.0
				88.00000	38.00000	68.24000	0.0	0.0	0.0
				89.00000	38.00000	68.24000	0.0	0.0	0.0
				90.00000	38.00000	68.24000	0.0	0.0	0.0
				91.00000	38.00000	68.24000	0.0	0.0	0.0
				92.00000	38.00000	68.24000	0.0	0.0	0.0
				93.00000	38.00000	68.24000	0.0	0.0	0.0
				94.00000	38.00000	68.24000	0.0	0.0	0.0
				95.00000	38.00000	68.24000	0.0	0.0	0.0
				96.00000	38.00000	68.24000	0.0	0.0	0.0
				97.00000	38.00000	68.24000	0.0	0.0	0.0
				98.00000	38.00000	68.24000	0.0	0.0	0.0
				99.00000	38.00000	68.24000	0.0	0.0	0.0
				100.00000	38.00000	68.24000	0.0	0.0	0.0
				0.00000	39.00000	68.24000	0.0	0.0	0.0
				1.00000	39.00000	68.24000	0.0	0.0	0.0
				2.00000	39.00000	68.24000	0.0	0.0	0.0
				3.00000	39.00000	68.24000	0.0	0.0	0.0
				4.00000	39.00000	68.24000	0.0	0.0	0.0
				5.00000	39.00000	68.24000	0.0	0.0	0.0
				6.00000	39.00000	68.24000	0.0	0.0	0.0
				7.00000	39.00000	68.24000	0.0	0.0	0.0
				8.00000	39.00000	68.24000	0.0	0.0	0.0
				9.00000	39.00000	68.24000	0.0	0.0	0.0
				10.00000	39.00000	68.24000	0.0	0.0	0.0
				11.00000	39.00000	68.24000	0.0	0.0	0.0
				12.00000	39.00000	68.24000	0.0	0.0	0.0
				13.00000	39.00000	68.24000	0.0	0.0	0.0
				14.00000	39.00000	68.24000	0.0	0.0	0.0
				15.00000	39.00000	68.24000	0.0	0.0	0.0
				16.00000	39.00000	68.24000	0.0	0.0	0.0
				17.00000	39.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				18.00000	39.00000	68.24000	0.0	0.0	0.0
				19.00000	39.00000	68.24000	0.0	0.0	0.0
				20.00000	39.00000	68.24000	0.0	0.0	0.0
				21.00000	39.00000	68.24000	0.0	0.0	0.0
				22.00000	39.00000	68.24000	0.0	0.0	0.0
				23.00000	39.00000	68.24000	0.0	0.0	0.0
				24.00000	39.00000	68.24000	0.0	0.0	0.0
				25.00000	39.00000	68.24000	0.0	0.0	0.0
				26.00000	39.00000	68.24000	0.0	0.0	0.0
				27.00000	39.00000	68.24000	0.0	0.0	0.0
				28.00000	39.00000	68.24000	0.0	0.0	0.0
				29.00000	39.00000	68.24000	0.0	0.0	0.0
				30.00000	39.00000	68.24000	0.0	0.0	0.0
				31.00000	39.00000	68.24000	0.0	0.0	0.0
				32.00000	39.00000	68.24000	0.0	0.0	0.0
				33.00000	39.00000	68.24000	0.0	0.0	0.0
				34.00000	39.00000	68.24000	0.0	0.0	0.0
				35.00000	39.00000	68.24000	0.0	0.0	0.0
				36.00000	39.00000	68.24000	0.0	0.0	0.0
				37.00000	39.00000	68.24000	0.0	0.0	0.0
				38.00000	39.00000	68.24000	0.0	0.0	0.0
				39.00000	39.00000	68.24000	0.0	0.0	0.0
				40.00000	39.00000	68.24000	0.0	0.0	0.0
				41.00000	39.00000	68.24000	0.0	0.0	0.0
				42.00000	39.00000	68.24000	0.0	0.0	0.0
				43.00000	39.00000	68.24000	0.0	0.0	0.0
				44.00000	39.00000	68.24000	0.0	0.0	0.0
				45.00000	39.00000	68.24000	0.0	0.0	0.0
				46.00000	39.00000	68.24000	0.0	0.0	0.0
				47.00000	39.00000	68.24000	0.0	0.0	0.0
				48.00000	39.00000	68.24000	0.0	0.0	0.0
				49.00000	39.00000	68.24000	0.0	0.0	0.0
				50.00000	39.00000	68.24000	0.0	0.0	0.0
				51.00000	39.00000	68.24000	0.0	0.0	0.0
				52.00000	39.00000	68.24000	0.0	0.0	0.0
				53.00000	39.00000	68.24000	0.0	0.0	0.0
				54.00000	39.00000	68.24000	0.0	0.0	0.0
				55.00000	39.00000	68.24000	0.0	0.0	0.0
				56.00000	39.00000	68.24000	0.0	0.0	0.0
				57.00000	39.00000	68.24000	0.0	0.0	0.0
				58.00000	39.00000	68.24000	0.0	0.0	0.0
				59.00000	39.00000	68.24000	0.0	0.0	0.0
				60.00000	39.00000	68.24000	0.0	0.0	0.0
				61.00000	39.00000	68.24000	0.0	0.0	0.0
				62.00000	39.00000	68.24000	0.0	0.0	0.0
				63.00000	39.00000	68.24000	0.0	0.0	0.0
				64.00000	39.00000	68.24000	0.0	0.0	0.0
				65.00000	39.00000	68.24000	0.0	0.0	0.0
				66.00000	39.00000	68.24000	-0.028502	0.19381	0.032957
				67.00000	39.00000	68.24000	-0.020564	0.13983	0.026084
				68.00000	39.00000	68.24000	-0.012625	0.085853	0.018095
				69.00000	39.00000	68.24000	-0.0046872	0.031873	0.0086519
				70.00000	39.00000	68.24000	0.0	0.0	0.0
				71.00000	39.00000	68.24000	0.0	0.0	0.0
				72.00000	39.00000	68.24000	0.0	0.0	0.0
				73.00000	39.00000	68.24000	0.0	0.0	0.0
				74.00000	39.00000	68.24000	0.0	0.0	0.0
				75.00000	39.00000	68.24000	0.0	0.0	0.0
				76.00000	39.00000	68.24000	0.0	0.0	0.0
				77.00000	39.00000	68.24000	0.0	0.0	0.0
				78.00000	39.00000	68.24000	0.0	0.0	0.0
				79.00000	39.00000	68.24000	0.0	0.0	0.0
				80.00000	39.00000	68.24000	0.0	0.0	0.0
				81.00000	39.00000	68.24000	0.0	0.0	0.0
				82.00000	39.00000	68.24000	0.0	0.0	0.0
				83.00000	39.00000	68.24000	0.0	0.0	0.0
				84.00000	39.00000	68.24000	0.0	0.0	0.0
				85.00000	39.00000	68.24000	0.0	0.0	0.0
				86.00000	39.00000	68.24000	0.0	0.0	0.0
				87.00000	39.00000	68.24000	0.0	0.0	0.0
				88.00000	39.00000	68.24000	0.0	0.0	0.0
				89.00000	39.00000	68.24000	0.0	0.0	0.0
				90.00000	39.00000	68.24000	0.0	0.0	0.0
				91.00000	39.00000	68.24000	0.0	0.0	0.0
				92.00000	39.00000	68.24000	0.0	0.0	0.0
				93.00000	39.00000	68.24000	0.0	0.0	0.0
				94.00000	39.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
95.00000		39.00000		68.24000			0.0	0.0	0.0
96.00000		39.00000		68.24000			0.0	0.0	0.0
97.00000		39.00000		68.24000			0.0	0.0	0.0
98.00000		39.00000		68.24000			0.0	0.0	0.0
99.00000		39.00000		68.24000			0.0	0.0	0.0
100.00000		39.00000		68.24000			0.0	0.0	0.0
0.00000		40.00000		68.24000			0.0	0.0	0.0
1.00000		40.00000		68.24000			0.0	0.0	0.0
2.00000		40.00000		68.24000			0.0	0.0	0.0
3.00000		40.00000		68.24000			0.0	0.0	0.0
4.00000		40.00000		68.24000			0.0	0.0	0.0
5.00000		40.00000		68.24000			0.0	0.0	0.0
6.00000		40.00000		68.24000			0.0	0.0	0.0
7.00000		40.00000		68.24000			0.0	0.0	0.0
8.00000		40.00000		68.24000			0.0	0.0	0.0
9.00000		40.00000		68.24000			0.0	0.0	0.0
10.00000		40.00000		68.24000			0.0	0.0	0.0
11.00000		40.00000		68.24000			0.0	0.0	0.0
12.00000		40.00000		68.24000			0.0	0.0	0.0
13.00000		40.00000		68.24000			0.0	0.0	0.0
14.00000		40.00000		68.24000			0.0	0.0	0.0
15.00000		40.00000		68.24000			0.0	0.0	0.0
16.00000		40.00000		68.24000			0.0	0.0	0.0
17.00000		40.00000		68.24000			0.0	0.0	0.0
18.00000		40.00000		68.24000			0.0	0.0	0.0
19.00000		40.00000		68.24000			0.0	0.0	0.0
20.00000		40.00000		68.24000			0.0	0.0	0.0
21.00000		40.00000		68.24000			0.0	0.0	0.0
22.00000		40.00000		68.24000			0.0	0.0	0.0
23.00000		40.00000		68.24000			0.0	0.0	0.0
24.00000		40.00000		68.24000			0.0	0.0	0.0
25.00000		40.00000		68.24000			0.0	0.0	0.0
26.00000		40.00000		68.24000			0.0	0.0	0.0
27.00000		40.00000		68.24000			0.0	0.0	0.0
28.00000		40.00000		68.24000			0.0	0.0	0.0
29.00000		40.00000		68.24000			0.0	0.0	0.0
30.00000		40.00000		68.24000			0.0	0.0	0.0
31.00000		40.00000		68.24000			0.0	0.0	0.0
32.00000		40.00000		68.24000			0.0	0.0	0.0
33.00000		40.00000		68.24000			0.0	0.0	0.0
34.00000		40.00000		68.24000			0.0	0.0	0.0
35.00000		40.00000		68.24000			0.0	0.0	0.0
36.00000		40.00000		68.24000			0.0	0.0	0.0
37.00000		40.00000		68.24000			0.0	0.0	0.0
38.00000		40.00000		68.24000			0.0	0.0	0.0
39.00000		40.00000		68.24000			0.0	0.0	0.0
40.00000		40.00000		68.24000			0.0	0.0	0.0
41.00000		40.00000		68.24000			0.0	0.0	0.0
42.00000		40.00000		68.24000			0.0	0.0	0.0
43.00000		40.00000		68.24000			0.0	0.0	0.0
44.00000		40.00000		68.24000			0.0	0.0	0.0
45.00000		40.00000		68.24000			0.0	0.0	0.0
46.00000		40.00000		68.24000			0.0	0.0	0.0
47.00000		40.00000		68.24000			0.0	0.0	0.0
48.00000		40.00000		68.24000			0.0	0.0	0.0
49.00000		40.00000		68.24000			0.0	0.0	0.0
50.00000		40.00000		68.24000			0.0	0.062472	0.010777
51.00000		40.00000		68.24000			0.0	0.18000	0.031050
52.00000		40.00000		68.24000			0.0	0.18000	0.031050
53.00000		40.00000		68.24000			0.0	0.18000	0.031050
54.00000		40.00000		68.24000			0.0	0.18000	0.031050
55.00000		40.00000		68.24000			0.0	0.18000	0.031050
56.00000		40.00000		68.24000			0.0	0.18000	0.031050
57.00000		40.00000		68.24000			0.0	0.18000	0.031050
58.00000		40.00000		68.24000			0.0	0.18000	0.031050
59.00000		40.00000		68.24000			0.0	0.0	0.0
60.00000		40.00000		68.24000			0.0	0.0	0.0
61.00000		40.00000		68.24000			0.0	0.0	0.0
62.00000		40.00000		68.24000			0.0	0.0	0.0
63.00000		40.00000		68.24000			0.0	0.0	0.0
64.00000		40.00000		68.24000			0.0	0.0	0.0
65.00000		40.00000		68.24000			0.0	0.0	0.0
66.00000		40.00000		68.24000			-0.082481	0.56087	0.073504
67.00000		40.00000		68.24000			-0.074543	0.50689	0.066446
68.00000		40.00000		68.24000			-0.066605	0.45291	0.060160
69.00000		40.00000		68.24000			0.0	0.0	0.0
70.00000		40.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				71.00000	40.00000	68.24000	0.0	0.0	0.0
				72.00000	40.00000	68.24000	0.0	0.0	0.0
				73.00000	40.00000	68.24000	0.0	0.0	0.0
				74.00000	40.00000	68.24000	0.0	0.0	0.0
				75.00000	40.00000	68.24000	0.0	0.0	0.0
				76.00000	40.00000	68.24000	0.0	0.0	0.0
				77.00000	40.00000	68.24000	0.0	0.0	0.0
				78.00000	40.00000	68.24000	0.0	0.0	0.0
				79.00000	40.00000	68.24000	0.0	0.0	0.0
				80.00000	40.00000	68.24000	0.0	0.0	0.0
				81.00000	40.00000	68.24000	0.0	0.0	0.0
				82.00000	40.00000	68.24000	0.0	0.0	0.0
				83.00000	40.00000	68.24000	0.0	0.0	0.0
				84.00000	40.00000	68.24000	0.0	0.0	0.0
				85.00000	40.00000	68.24000	0.0	0.0	0.0
				86.00000	40.00000	68.24000	0.0	0.0	0.0
				87.00000	40.00000	68.24000	0.0	0.0	0.0
				88.00000	40.00000	68.24000	0.0	0.0	0.0
				89.00000	40.00000	68.24000	0.0	0.0	0.0
				90.00000	40.00000	68.24000	0.0	0.0	0.0
				91.00000	40.00000	68.24000	0.0	0.0	0.0
				92.00000	40.00000	68.24000	0.0	0.0	0.0
				93.00000	40.00000	68.24000	0.0	0.0	0.0
				94.00000	40.00000	68.24000	0.0	0.0	0.0
				95.00000	40.00000	68.24000	0.0	0.0	0.0
				96.00000	40.00000	68.24000	0.0	0.0	0.0
				97.00000	40.00000	68.24000	0.0	0.0	0.0
				98.00000	40.00000	68.24000	0.0	0.0	0.0
				99.00000	40.00000	68.24000	0.0	0.0	0.0
				100.00000	40.00000	68.24000	0.0	0.0	0.0
				0.00000	41.00000	68.24000	0.0	0.0	0.0
				1.00000	41.00000	68.24000	0.0	0.0	0.0
				2.00000	41.00000	68.24000	0.0	0.0	0.0
				3.00000	41.00000	68.24000	0.0	0.0	0.0
				4.00000	41.00000	68.24000	0.0	0.0	0.0
				5.00000	41.00000	68.24000	0.0	0.0	0.0
				6.00000	41.00000	68.24000	0.0	0.0	0.0
				7.00000	41.00000	68.24000	0.0	0.0	0.0
				8.00000	41.00000	68.24000	0.0	0.0	0.0
				9.00000	41.00000	68.24000	0.0	0.0	0.0
				10.00000	41.00000	68.24000	0.0	0.0	0.0
				11.00000	41.00000	68.24000	0.0	0.0	0.0
				12.00000	41.00000	68.24000	0.0	0.0	0.0
				13.00000	41.00000	68.24000	0.0	0.0	0.0
				14.00000	41.00000	68.24000	0.0	0.0	0.0
				15.00000	41.00000	68.24000	0.0	0.0	0.0
				16.00000	41.00000	68.24000	0.0	0.0	0.0
				17.00000	41.00000	68.24000	0.0	0.0	0.0
				18.00000	41.00000	68.24000	0.0	0.0	0.0
				19.00000	41.00000	68.24000	0.0	0.0	0.0
				20.00000	41.00000	68.24000	0.0	0.0	0.0
				21.00000	41.00000	68.24000	0.0	0.0	0.0
				22.00000	41.00000	68.24000	0.0	0.0	0.0
				23.00000	41.00000	68.24000	0.0	0.0	0.0
				24.00000	41.00000	68.24000	0.0	0.0	0.0
				25.00000	41.00000	68.24000	0.0	0.0	0.0
				26.00000	41.00000	68.24000	0.0	0.0	0.0
				27.00000	41.00000	68.24000	0.0	0.0	0.0
				28.00000	41.00000	68.24000	0.0	0.0	0.0
				29.00000	41.00000	68.24000	0.0	0.0	0.0
				30.00000	41.00000	68.24000	0.0	0.0	0.0
				31.00000	41.00000	68.24000	0.0	0.0	0.0
				32.00000	41.00000	68.24000	0.0	0.0	0.0
				33.00000	41.00000	68.24000	0.0	0.0	0.0
				34.00000	41.00000	68.24000	0.0	0.0	0.0
				35.00000	41.00000	68.24000	0.0	0.0	0.0
				36.00000	41.00000	68.24000	0.0	0.0	0.0
				37.00000	41.00000	68.24000	0.0	0.0	0.0
				38.00000	41.00000	68.24000	0.0	0.0	0.0
				39.00000	41.00000	68.24000	0.0	0.0	0.0
				40.00000	41.00000	68.24000	0.0	0.0	0.0
				41.00000	41.00000	68.24000	0.0	0.0	0.0
				42.00000	41.00000	68.24000	0.0	0.0	0.0
				43.00000	41.00000	68.24000	0.0	0.0	0.0
				44.00000	41.00000	68.24000	0.0	0.0	0.0
				45.00000	41.00000	68.24000	0.0	0.0	0.0
				46.00000	41.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
47.00000	41.00000	68.24000		47.00000	41.00000	68.24000	0.0	0.0	0.0
48.00000	41.00000	68.24000		48.00000	41.00000	68.24000	0.0	0.0	0.0
49.00000	41.00000	68.24000		49.00000	41.00000	68.24000	0.0	0.0	0.0
50.00000	41.00000	68.24000		50.00000	41.00000	68.24000	0.0	0.19262	0.024950
51.00000	41.00000	68.24000		51.00000	41.00000	68.24000	0.0	0.55500	0.071887
52.00000	41.00000	68.24000		52.00000	41.00000	68.24000	0.0	0.55500	0.071887
53.00000	41.00000	68.24000		53.00000	41.00000	68.24000	0.0	0.55500	0.071887
54.00000	41.00000	68.24000		54.00000	41.00000	68.24000	0.0	0.55500	0.071887
55.00000	41.00000	68.24000		55.00000	41.00000	68.24000	0.0	0.55500	0.071887
56.00000	41.00000	68.24000		56.00000	41.00000	68.24000	0.0	0.55500	0.071887
57.00000	41.00000	68.24000		57.00000	41.00000	68.24000	0.0	0.55500	0.071887
58.00000	41.00000	68.24000		58.00000	41.00000	68.24000	0.0	0.55500	0.071887
59.00000	41.00000	68.24000		59.00000	41.00000	68.24000	0.0	0.0	0.0
60.00000	41.00000	68.24000		60.00000	41.00000	68.24000	0.0	0.0	0.0
61.00000	41.00000	68.24000		61.00000	41.00000	68.24000	0.0	0.0	0.0
62.00000	41.00000	68.24000		62.00000	41.00000	68.24000	0.0	0.0	0.0
63.00000	41.00000	68.24000		63.00000	41.00000	68.24000	0.0	0.0	0.0
64.00000	41.00000	68.24000		64.00000	41.00000	68.24000	-0.0098347	0.016249	0.0
65.00000	41.00000	68.24000		65.00000	41.00000	68.24000	0.0	0.0	0.0
66.00000	41.00000	68.24000		66.00000	41.00000	68.24000	-0.13646	0.92794	0.15701
67.00000	41.00000	68.24000		67.00000	41.00000	68.24000	-0.12852	0.87396	0.13978
68.00000	41.00000	68.24000		68.00000	41.00000	68.24000	-0.12058	0.81998	0.12448
69.00000	41.00000	68.24000		69.00000	41.00000	68.24000	0.0	0.0	0.0
70.00000	41.00000	68.24000		70.00000	41.00000	68.24000	0.0	0.0	0.0
71.00000	41.00000	68.24000		71.00000	41.00000	68.24000	0.0	0.0	0.0
72.00000	41.00000	68.24000		72.00000	41.00000	68.24000	0.0	0.0	0.0
73.00000	41.00000	68.24000		73.00000	41.00000	68.24000	0.0	0.0	0.0
74.00000	41.00000	68.24000		74.00000	41.00000	68.24000	0.0	0.0	0.0
75.00000	41.00000	68.24000		75.00000	41.00000	68.24000	0.0	0.0	0.0
76.00000	41.00000	68.24000		76.00000	41.00000	68.24000	0.0	0.0	0.0
77.00000	41.00000	68.24000		77.00000	41.00000	68.24000	0.0	0.0	0.0
78.00000	41.00000	68.24000		78.00000	41.00000	68.24000	0.0	0.0	0.0
79.00000	41.00000	68.24000		79.00000	41.00000	68.24000	0.0	0.0	0.0
80.00000	41.00000	68.24000		80.00000	41.00000	68.24000	0.0	0.0	0.0
81.00000	41.00000	68.24000		81.00000	41.00000	68.24000	0.0	0.0	0.0
82.00000	41.00000	68.24000		82.00000	41.00000	68.24000	0.0	0.0	0.0
83.00000	41.00000	68.24000		83.00000	41.00000	68.24000	0.0	0.0	0.0
84.00000	41.00000	68.24000		84.00000	41.00000	68.24000	0.0	0.0	0.0
85.00000	41.00000	68.24000		85.00000	41.00000	68.24000	0.0	0.0	0.0
86.00000	41.00000	68.24000		86.00000	41.00000	68.24000	0.0	0.0	0.0
87.00000	41.00000	68.24000		87.00000	41.00000	68.24000	0.0	0.0	0.0
88.00000	41.00000	68.24000		88.00000	41.00000	68.24000	0.0	0.0	0.0
89.00000	41.00000	68.24000		89.00000	41.00000	68.24000	0.0	0.0	0.0
90.00000	41.00000	68.24000		90.00000	41.00000	68.24000	0.0	0.0	0.0
91.00000	41.00000	68.24000		91.00000	41.00000	68.24000	0.0	0.0	0.0
92.00000	41.00000	68.24000		92.00000	41.00000	68.24000	0.0	0.0	0.0
93.00000	41.00000	68.24000		93.00000	41.00000	68.24000	0.0	0.0	0.0
94.00000	41.00000	68.24000		94.00000	41.00000	68.24000	0.0	0.0	0.0
95.00000	41.00000	68.24000		95.00000	41.00000	68.24000	0.0	0.0	0.0
96.00000	41.00000	68.24000		96.00000	41.00000	68.24000	0.0	0.0	0.0
97.00000	41.00000	68.24000		97.00000	41.00000	68.24000	0.0	0.0	0.0
98.00000	41.00000	68.24000		98.00000	41.00000	68.24000	0.0	0.0	0.0
99.00000	41.00000	68.24000		99.00000	41.00000	68.24000	0.0	0.0	0.0
100.00000	41.00000	68.24000		100.00000	41.00000	68.24000	0.0	0.0	0.0
0.00000	42.00000	68.24000		0.00000	42.00000	68.24000	0.0	0.0	0.0
1.00000	42.00000	68.24000		1.00000	42.00000	68.24000	0.0	0.0	0.0
2.00000	42.00000	68.24000		2.00000	42.00000	68.24000	0.0	0.0	0.0
3.00000	42.00000	68.24000		3.00000	42.00000	68.24000	0.0	0.0	0.0
4.00000	42.00000	68.24000		4.00000	42.00000	68.24000	0.0	0.0	0.0
5.00000	42.00000	68.24000		5.00000	42.00000	68.24000	0.0	0.0	0.0
6.00000	42.00000	68.24000		6.00000	42.00000	68.24000	0.0	0.0	0.0
7.00000	42.00000	68.24000		7.00000	42.00000	68.24000	0.0	0.0	0.0
8.00000	42.00000	68.24000		8.00000	42.00000	68.24000	0.0	0.0	0.0
9.00000	42.00000	68.24000		9.00000	42.00000	68.24000	0.0	0.0	0.0
10.00000	42.00000	68.24000		10.00000	42.00000	68.24000	0.0	0.0	0.0
11.00000	42.00000	68.24000		11.00000	42.00000	68.24000	0.0	0.0	0.0
12.00000	42.00000	68.24000		12.00000	42.00000	68.24000	0.0	0.0	0.0
13.00000	42.00000	68.24000		13.00000	42.00000	68.24000	0.0	0.0	0.0
14.00000	42.00000	68.24000		14.00000	42.00000	68.24000	0.0	0.0	0.0
15.00000	42.00000	68.24000		15.00000	42.00000	68.24000	0.0	0.0	0.0
16.00000	42.00000	68.24000		16.00000	42.00000	68.24000	0.0	0.0	0.0
17.00000	42.00000	68.24000		17.00000	42.00000	68.24000	0.0	0.0	0.0
18.00000	42.00000	68.24000		18.00000	42.00000	68.24000	0.0	0.0	0.0
19.00000	42.00000	68.24000		19.00000	42.00000	68.24000	0.0	0.0	0.0
20.00000	42.00000	68.24000		20.00000	42.00000	68.24000	0.0	0.0	0.0
21.00000	42.00000	68.24000		21.00000	42.00000	68.24000	0.0	0.0	0.0
22.00000	42.00000	68.24000		22.00000	42.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				23.00000	42.00000	68.24000	0.0	0.0	0.0
				24.00000	42.00000	68.24000	0.0	0.0	0.0
				25.00000	42.00000	68.24000	0.0	0.0	0.0
				26.00000	42.00000	68.24000	0.0	0.0	0.0
				27.00000	42.00000	68.24000	0.0	0.0	0.0
				28.00000	42.00000	68.24000	0.0	0.0	0.0
				29.00000	42.00000	68.24000	0.0	0.0	0.0
				30.00000	42.00000	68.24000	0.0	0.0	0.0
				31.00000	42.00000	68.24000	0.0	0.0	0.0
				32.00000	42.00000	68.24000	0.0	0.0	0.0
				33.00000	42.00000	68.24000	0.0	0.0	0.0
				34.00000	42.00000	68.24000	0.0	0.0	0.0
				35.00000	42.00000	68.24000	0.0	0.0	0.0
				36.00000	42.00000	68.24000	0.0	0.0	0.0
				37.00000	42.00000	68.24000	0.0	0.0	0.0
				38.00000	42.00000	68.24000	0.0	0.0	0.0
				39.00000	42.00000	68.24000	0.0	0.0	0.0
				40.00000	42.00000	68.24000	0.0	0.0	0.0
				41.00000	42.00000	68.24000	0.0	0.0	0.0
				42.00000	42.00000	68.24000	0.0	0.0	0.0
				43.00000	42.00000	68.24000	0.0	0.0	0.0
				44.00000	42.00000	68.24000	0.0	0.0	0.0
				45.00000	42.00000	68.24000	0.0	0.0	0.0
				46.00000	42.00000	68.24000	0.0	0.0	0.0
				47.00000	42.00000	68.24000	0.0	0.0	0.0
				48.00000	42.00000	68.24000	0.0	0.0	0.0
				49.00000	42.00000	68.24000	-452.30E-6	0.0042968	0.0031477
				50.00000	42.00000	68.24000	0.0	0.32277	0.053581
				51.00000	42.00000	68.24000	0.0	0.93000	0.15438
				52.00000	42.00000	68.24000	0.0	0.93000	0.15438
				53.00000	42.00000	68.24000	0.0	0.93000	0.15438
				54.00000	42.00000	68.24000	0.0	0.93000	0.15438
				55.00000	42.00000	68.24000	0.0	0.93000	0.15438
				56.00000	42.00000	68.24000	0.0	0.93000	0.15438
				57.00000	42.00000	68.24000	0.0	0.93000	0.15438
				58.00000	42.00000	68.24000	0.0	0.93000	0.15438
				59.00000	42.00000	68.24000	0.49882	0.47886	0.16374
				60.00000	42.00000	68.24000	0.0	0.0	0.0
				61.00000	42.00000	68.24000	0.0	0.0	0.0
				62.00000	42.00000	68.24000	0.0	0.0	0.0
				63.00000	42.00000	68.24000	-0.72093	1.1911	0.67224
				64.00000	42.00000	68.24000	-0.45281	0.74813	0.30428
				65.00000	42.00000	68.24000	-0.18470	0.30515	0.0
				66.00000	42.00000	68.24000	-0.19044	1.2950	0.33196
				67.00000	42.00000	68.24000	-0.18250	1.2410	0.29955
				68.00000	42.00000	68.24000	-0.17456	1.1870	0.26950
				69.00000	42.00000	68.24000	0.0	0.0	0.0
				70.00000	42.00000	68.24000	0.0	0.0	0.0
				71.00000	42.00000	68.24000	0.0	0.0	0.0
				72.00000	42.00000	68.24000	0.0	0.0	0.0
				73.00000	42.00000	68.24000	0.0	0.0	0.0
				74.00000	42.00000	68.24000	0.0	0.0	0.0
				75.00000	42.00000	68.24000	0.0	0.0	0.0
				76.00000	42.00000	68.24000	0.0	0.0	0.0
				77.00000	42.00000	68.24000	0.0	0.0	0.0
				78.00000	42.00000	68.24000	0.0	0.0	0.0
				79.00000	42.00000	68.24000	0.0	0.0	0.0
				80.00000	42.00000	68.24000	0.0	0.0	0.0
				81.00000	42.00000	68.24000	0.0	0.0	0.0
				82.00000	42.00000	68.24000	0.0	0.0	0.0
				83.00000	42.00000	68.24000	0.0	0.0	0.0
				84.00000	42.00000	68.24000	0.0	0.0	0.0
				85.00000	42.00000	68.24000	0.0	0.0	0.0
				86.00000	42.00000	68.24000	0.0	0.0	0.0
				87.00000	42.00000	68.24000	0.0	0.0	0.0
				88.00000	42.00000	68.24000	0.0	0.0	0.0
				89.00000	42.00000	68.24000	0.0	0.0	0.0
				90.00000	42.00000	68.24000	0.0	0.0	0.0
				91.00000	42.00000	68.24000	0.0	0.0	0.0
				92.00000	42.00000	68.24000	0.0	0.0	0.0
				93.00000	42.00000	68.24000	0.0	0.0	0.0
				94.00000	42.00000	68.24000	0.0	0.0	0.0
				95.00000	42.00000	68.24000	0.0	0.0	0.0
				96.00000	42.00000	68.24000	0.0	0.0	0.0
				97.00000	42.00000	68.24000	0.0	0.0	0.0
				98.00000	42.00000	68.24000	0.0	0.0	0.0
				99.00000	42.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
100.00000		42.00000		68.24000			0.0	0.0	0.0
0.00000		43.00000		68.24000			0.0	0.0	0.0
1.00000		43.00000		68.24000			0.0	0.0	0.0
2.00000		43.00000		68.24000			0.0	0.0	0.0
3.00000		43.00000		68.24000			0.0	0.0	0.0
4.00000		43.00000		68.24000			0.0	0.0	0.0
5.00000		43.00000		68.24000			0.0	0.0	0.0
6.00000		43.00000		68.24000			0.0	0.0	0.0
7.00000		43.00000		68.24000			0.0	0.0	0.0
8.00000		43.00000		68.24000			0.0	0.0	0.0
9.00000		43.00000		68.24000			0.0	0.0	0.0
10.00000		43.00000		68.24000			0.0	0.0	0.0
11.00000		43.00000		68.24000			0.0	0.0	0.0
12.00000		43.00000		68.24000			0.0	0.0	0.0
13.00000		43.00000		68.24000			0.0	0.0	0.0
14.00000		43.00000		68.24000			0.0	0.0	0.0
15.00000		43.00000		68.24000			0.0	0.0	0.0
16.00000		43.00000		68.24000			0.0	0.0	0.0
17.00000		43.00000		68.24000			0.0	0.0	0.0
18.00000		43.00000		68.24000			0.0	0.0	0.0
19.00000		43.00000		68.24000			0.0	0.0	0.0
20.00000		43.00000		68.24000			0.0	0.0	0.0
21.00000		43.00000		68.24000			0.0	0.0	0.0
22.00000		43.00000		68.24000			0.0	0.0	0.0
23.00000		43.00000		68.24000			0.0	0.0	0.0
24.00000		43.00000		68.24000			0.0	0.0	0.0
25.00000		43.00000		68.24000			0.0	0.0	0.0
26.00000		43.00000		68.24000			0.0	0.0	0.0
27.00000		43.00000		68.24000			0.0	0.0	0.0
28.00000		43.00000		68.24000			0.0	0.0	0.0
29.00000		43.00000		68.24000			0.0	0.0	0.0
30.00000		43.00000		68.24000			0.0	0.0	0.0
31.00000		43.00000		68.24000			0.0	0.0	0.0
32.00000		43.00000		68.24000			0.0	0.0	0.0
33.00000		43.00000		68.24000			0.0	0.0	0.0
34.00000		43.00000		68.24000			0.0	0.0	0.0
35.00000		43.00000		68.24000			0.0	0.0	0.0
36.00000		43.00000		68.24000			0.0	0.0	0.0
37.00000		43.00000		68.24000			0.0	0.0	0.0
38.00000		43.00000		68.24000			0.0	0.0	0.0
39.00000		43.00000		68.24000			0.0	0.0	0.0
40.00000		43.00000		68.24000			0.0	0.0	0.0
41.00000		43.00000		68.24000			0.0	0.0	0.0
42.00000		43.00000		68.24000			0.0	0.0	0.0
43.00000		43.00000		68.24000			0.0	0.0	0.0
44.00000		43.00000		68.24000			0.0	0.0	0.0
45.00000		43.00000		68.24000			0.0	0.0	0.0
46.00000		43.00000		68.24000			0.0	0.0	0.0
47.00000		43.00000		68.24000			0.0	0.0	0.0
48.00000		43.00000		68.24000			0.0	0.0	0.0
49.00000		43.00000		68.24000			-0.039493	0.37519	0.051800
50.00000		43.00000		68.24000			-0.035384	0.78907	0.16228
51.00000		43.00000		68.24000			0.0	1.3050	0.32955
52.00000		43.00000		68.24000			0.0	1.3050	0.32955
53.00000		43.00000		68.24000			0.0	1.3050	0.32955
54.00000		43.00000		68.24000			0.0	1.3050	0.32955
55.00000		43.00000		68.24000			0.0	1.3050	0.32955
56.00000		43.00000		68.24000			0.0	1.3050	0.32955
57.00000		43.00000		68.24000			0.0	1.3050	0.32955
58.00000		43.00000		68.24000			0.47800	1.7639	0.47034
59.00000		43.00000		68.24000			0.99840	0.95846	0.66650
60.00000		43.00000		68.24000			1.5188	1.4580	1.1867
61.00000		43.00000		68.24000			0.0	0.0	0.0
62.00000		43.00000		68.24000			0.0	0.0	0.0
63.00000		43.00000		68.24000			-1.1639	1.9230	1.3012
64.00000		43.00000		68.24000			-0.89580	1.4800	0.90781
65.00000		43.00000		68.24000			-0.62768	1.0370	0.54720
66.00000		43.00000		68.24000			-0.60398	2.2561	0.77907
67.00000		43.00000		68.24000			-0.32792	1.7591	0.56540
68.00000		43.00000		68.24000			-0.22854	1.5541	0.51983
69.00000		43.00000		68.24000			0.0	0.0	0.0
70.00000		43.00000		68.24000			0.0	0.0	0.0
71.00000		43.00000		68.24000			0.0	0.0	0.0
72.00000		43.00000		68.24000			0.0	0.0	0.0
73.00000		43.00000		68.24000			0.0	0.0	0.0
74.00000		43.00000		68.24000			0.0	0.0	0.0
75.00000		43.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				76.00000	43.00000	68.24000	0.0	0.0	0.0
				77.00000	43.00000	68.24000	0.0	0.0	0.0
				78.00000	43.00000	68.24000	0.0	0.0	0.0
				79.00000	43.00000	68.24000	0.0	0.0	0.0
				80.00000	43.00000	68.24000	0.0	0.0	0.0
				81.00000	43.00000	68.24000	0.0	0.0	0.0
				82.00000	43.00000	68.24000	0.0	0.0	0.0
				83.00000	43.00000	68.24000	0.0	0.0	0.0
				84.00000	43.00000	68.24000	0.0	0.0	0.0
				85.00000	43.00000	68.24000	0.0	0.0	0.0
				86.00000	43.00000	68.24000	0.0	0.0	0.0
				87.00000	43.00000	68.24000	0.0	0.0	0.0
				88.00000	43.00000	68.24000	0.0	0.0	0.0
				89.00000	43.00000	68.24000	0.0	0.0	0.0
				90.00000	43.00000	68.24000	0.0	0.0	0.0
				91.00000	43.00000	68.24000	0.0	0.0	0.0
				92.00000	43.00000	68.24000	0.0	0.0	0.0
				93.00000	43.00000	68.24000	0.0	0.0	0.0
				94.00000	43.00000	68.24000	0.0	0.0	0.0
				95.00000	43.00000	68.24000	0.0	0.0	0.0
				96.00000	43.00000	68.24000	0.0	0.0	0.0
				97.00000	43.00000	68.24000	0.0	0.0	0.0
				98.00000	43.00000	68.24000	0.0	0.0	0.0
				99.00000	43.00000	68.24000	0.0	0.0	0.0
				100.00000	43.00000	68.24000	0.0	0.0	0.0
				0.00000	44.00000	68.24000	0.0	0.0	0.0
				1.00000	44.00000	68.24000	0.0	0.0	0.0
				2.00000	44.00000	68.24000	0.0	0.0	0.0
				3.00000	44.00000	68.24000	0.0	0.0	0.0
				4.00000	44.00000	68.24000	0.0	0.0	0.0
				5.00000	44.00000	68.24000	0.0	0.0	0.0
				6.00000	44.00000	68.24000	0.0	0.0	0.0
				7.00000	44.00000	68.24000	0.0	0.0	0.0
				8.00000	44.00000	68.24000	0.0	0.0	0.0
				9.00000	44.00000	68.24000	0.0	0.0	0.0
				10.00000	44.00000	68.24000	0.0	0.0	0.0
				11.00000	44.00000	68.24000	0.0	0.0	0.0
				12.00000	44.00000	68.24000	0.0	0.0	0.0
				13.00000	44.00000	68.24000	0.0	0.0	0.0
				14.00000	44.00000	68.24000	0.0	0.0	0.0
				15.00000	44.00000	68.24000	0.0	0.0	0.0
				16.00000	44.00000	68.24000	0.0	0.0	0.0
				17.00000	44.00000	68.24000	0.0	0.0	0.0
				18.00000	44.00000	68.24000	0.0	0.0	0.0
				19.00000	44.00000	68.24000	0.0	0.0	0.0
				20.00000	44.00000	68.24000	0.0	0.0	0.0
				21.00000	44.00000	68.24000	0.0	0.0	0.0
				22.00000	44.00000	68.24000	0.0	0.0	0.0
				23.00000	44.00000	68.24000	0.0	0.0	0.0
				24.00000	44.00000	68.24000	0.0	0.0	0.0
				25.00000	44.00000	68.24000	0.0	0.0	0.0
				26.00000	44.00000	68.24000	0.0	0.0	0.0
				27.00000	44.00000	68.24000	0.0	0.0	0.0
				28.00000	44.00000	68.24000	0.0	0.0	0.0
				29.00000	44.00000	68.24000	0.0	0.0	0.0
				30.00000	44.00000	68.24000	0.0	0.0	0.0
				31.00000	44.00000	68.24000	0.0	0.0	0.0
				32.00000	44.00000	68.24000	0.0	0.0	0.0
				33.00000	44.00000	68.24000	0.0	0.0	0.0
				34.00000	44.00000	68.24000	0.0	0.0	0.0
				35.00000	44.00000	68.24000	0.0	0.0	0.0
				36.00000	44.00000	68.24000	0.0	0.0	0.0
				37.00000	44.00000	68.24000	0.0	0.0	0.0
				38.00000	44.00000	68.24000	0.0	0.0	0.0
				39.00000	44.00000	68.24000	0.0	0.0	0.0
				40.00000	44.00000	68.24000	0.0	0.0	0.0
				41.00000	44.00000	68.24000	0.0	0.0	0.0
				42.00000	44.00000	68.24000	0.0	0.0	0.0
				43.00000	44.00000	68.24000	0.0	0.0	0.0
				44.00000	44.00000	68.24000	0.0	0.0	0.0
				45.00000	44.00000	68.24000	0.0	0.0	0.0
				46.00000	44.00000	68.24000	0.0	0.0	0.0
				47.00000	44.00000	68.24000	0.0	0.0	0.0
				48.00000	44.00000	68.24000	0.0	0.0	0.0
				49.00000	44.00000	68.24000	-0.078534	0.74608	0.10558
				50.00000	44.00000	68.24000	-0.074425	1.2901	0.31019
				51.00000	44.00000	68.24000	0.0	1.6800	0.61308



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
52.00000		44.00000		68.24000			0.0	1.6800	0.61308
53.00000		44.00000		68.24000			0.0	1.6800	0.61308
54.00000		44.00000		68.24000			0.0	1.6800	0.61308
55.00000		44.00000		68.24000			0.0	1.6800	0.61308
56.00000		44.00000		68.24000			0.0	1.6800	0.61308
57.00000		44.00000		68.24000			0.45718	2.1189	0.73069
58.00000		44.00000		68.24000			0.97758	2.6185	1.2596
59.00000		44.00000		68.24000			1.4980	1.4381	1.1642
60.00000		44.00000		68.24000			2.1081	2.0237	1.8380
61.00000		44.00000		68.24000			2.8019	2.6898	3.0022
62.00000		44.00000		68.24000			-2.0815	3.4389	3.2231
63.00000		44.00000		68.24000			-1.7240	2.8483	2.2468
64.00000		44.00000		68.24000			-1.3665	2.2577	1.6090
65.00000		44.00000		68.24000			-1.3770	3.8520	2.1971
66.00000		44.00000		68.24000			-1.1009	3.3551	1.7624
67.00000		44.00000		68.24000			-0.29046	1.9751	0.92316
68.00000		44.00000		68.24000			-0.28252	1.9212	0.86627
69.00000		44.00000		68.24000			0.0	0.0	0.0
70.00000		44.00000		68.24000			0.0	0.0	0.0
71.00000		44.00000		68.24000			0.0	0.0	0.0
72.00000		44.00000		68.24000			0.0	0.0	0.0
73.00000		44.00000		68.24000			0.0	0.0	0.0
74.00000		44.00000		68.24000			0.0	0.0	0.0
75.00000		44.00000		68.24000			0.0	0.0	0.0
76.00000		44.00000		68.24000			0.0	0.0	0.0
77.00000		44.00000		68.24000			0.0	0.0	0.0
78.00000		44.00000		68.24000			0.0	0.0	0.0
79.00000		44.00000		68.24000			0.0	0.0	0.0
80.00000		44.00000		68.24000			0.0	0.0	0.0
81.00000		44.00000		68.24000			0.0	0.0	0.0
82.00000		44.00000		68.24000			0.0	0.0	0.0
83.00000		44.00000		68.24000			0.0	0.0	0.0
84.00000		44.00000		68.24000			0.0	0.0	0.0
85.00000		44.00000		68.24000			0.0	0.0	0.0
86.00000		44.00000		68.24000			0.0	0.0	0.0
87.00000		44.00000		68.24000			0.0	0.0	0.0
88.00000		44.00000		68.24000			0.0	0.0	0.0
89.00000		44.00000		68.24000			0.0	0.0	0.0
90.00000		44.00000		68.24000			0.0	0.0	0.0
91.00000		44.00000		68.24000			0.0	0.0	0.0
92.00000		44.00000		68.24000			0.0	0.0	0.0
93.00000		44.00000		68.24000			0.0	0.0	0.0
94.00000		44.00000		68.24000			0.0	0.0	0.0
95.00000		44.00000		68.24000			0.0	0.0	0.0
96.00000		44.00000		68.24000			0.0	0.0	0.0
97.00000		44.00000		68.24000			0.0	0.0	0.0
98.00000		44.00000		68.24000			0.0	0.0	0.0
99.00000		44.00000		68.24000			0.0	0.0	0.0
100.00000		44.00000		68.24000			0.0	0.0	0.0
0.00000		45.00000		68.24000			0.0	0.0	0.0
1.00000		45.00000		68.24000			0.0	0.0	0.0
2.00000		45.00000		68.24000			0.0	0.0	0.0
3.00000		45.00000		68.24000			0.0	0.0	0.0
4.00000		45.00000		68.24000			0.0	0.0	0.0
5.00000		45.00000		68.24000			0.0	0.0	0.0
6.00000		45.00000		68.24000			0.0	0.0	0.0
7.00000		45.00000		68.24000			0.0	0.0	0.0
8.00000		45.00000		68.24000			0.0	0.0	0.0
9.00000		45.00000		68.24000			0.0	0.0	0.0
10.00000		45.00000		68.24000			0.0	0.0	0.0
11.00000		45.00000		68.24000			0.0	0.0	0.0
12.00000		45.00000		68.24000			0.0	0.0	0.0
13.00000		45.00000		68.24000			0.0	0.0	0.0
14.00000		45.00000		68.24000			0.0	0.0	0.0
15.00000		45.00000		68.24000			0.0	0.0	0.0
16.00000		45.00000		68.24000			0.0	0.0	0.0
17.00000		45.00000		68.24000			0.0	0.0	0.0
18.00000		45.00000		68.24000			0.0	0.0	0.0
19.00000		45.00000		68.24000			0.0	0.0	0.0
20.00000		45.00000		68.24000			0.0	0.0	0.0
21.00000		45.00000		68.24000			0.0	0.0	0.0
22.00000		45.00000		68.24000			0.0	0.0	0.0
23.00000		45.00000		68.24000			0.0	0.0	0.0
24.00000		45.00000		68.24000			0.0	0.0	0.0
25.00000		45.00000		68.24000			0.0	0.0	0.0
26.00000		45.00000		68.24000			0.0	0.0	0.0
27.00000		45.00000		68.24000			0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
Drg. Ref.		
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		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
28.00000		45.00000		68.24000			0.0	0.0	0.0
29.00000		45.00000		68.24000			0.0	0.0	0.0
30.00000		45.00000		68.24000			0.0	0.0	0.0
31.00000		45.00000		68.24000			0.0	0.0	0.0
32.00000		45.00000		68.24000			0.0	0.0	0.0
33.00000		45.00000		68.24000			0.0	0.0	0.0
34.00000		45.00000		68.24000			0.0	0.0	0.0
35.00000		45.00000		68.24000			0.0	0.0	0.0
36.00000		45.00000		68.24000			0.0	0.0	0.0
37.00000		45.00000		68.24000			0.0	0.0	0.0
38.00000		45.00000		68.24000			0.0	0.0	0.0
39.00000		45.00000		68.24000			0.0	0.0	0.0
40.00000		45.00000		68.24000			0.0	0.0	0.0
41.00000		45.00000		68.24000			0.0	0.0	0.0
42.00000		45.00000		68.24000			0.0	0.0	0.0
43.00000		45.00000		68.24000			0.0	0.0	0.0
44.00000		45.00000		68.24000			0.0	0.0	0.0
45.00000		45.00000		68.24000			0.0	0.0	0.0
46.00000		45.00000		68.24000			0.0	0.0	0.0
47.00000		45.00000		68.24000			0.0	0.0	0.0
48.00000		45.00000		68.24000			0.0	0.0	0.0
49.00000		45.00000		68.24000			-0.11758	1.1170	0.23121
50.00000		45.00000		68.24000			-0.091362	1.7956	0.55536
51.00000		45.00000		68.24000			0.98364	2.2517	0.98540
52.00000		45.00000		68.24000			0.0	2.0550	0.98540
53.00000		45.00000		68.24000			0.0	2.0550	0.98540
54.00000		45.00000		68.24000			0.0	2.0550	0.98540
55.00000		45.00000		68.24000			0.0	2.0550	0.98540
56.00000		45.00000		68.24000			0.0	2.0550	0.98540
57.00000		45.00000		68.24000			0.0	2.0550	0.98540
58.00000		45.00000		68.24000			1.4772	3.4731	2.1273
59.00000		45.00000		68.24000			2.0803	1.9971	1.8047
60.00000		45.00000		68.24000			2.7742	2.6632	2.9420
61.00000		45.00000		68.24000			Point lies within an excavation.		
62.00000		45.00000		68.24000			Point lies within an excavation.		
63.00000		45.00000		68.24000			Point lies within an excavation.		
64.00000		45.00000		68.24000			-1.9571	3.2335	2.8416
65.00000		45.00000		68.24000			-1.9626	5.1108	3.4362
66.00000		45.00000		68.24000			-1.5979	4.4540	2.8187
67.00000		45.00000		68.24000			-0.34444	2.3422	1.3248
68.00000		45.00000		68.24000			-0.33650	2.2882	1.2658
69.00000		45.00000		68.24000			0.0	0.0	0.0
70.00000		45.00000		68.24000			0.0	0.0	0.0
71.00000		45.00000		68.24000			0.0	0.0	0.0
72.00000		45.00000		68.24000			0.0	0.0	0.0
73.00000		45.00000		68.24000			0.0	0.0	0.0
74.00000		45.00000		68.24000			0.0	0.0	0.0
75.00000		45.00000		68.24000			0.0	0.0	0.0
76.00000		45.00000		68.24000			0.0	0.0	0.0
77.00000		45.00000		68.24000			0.0	0.0	0.0
78.00000		45.00000		68.24000			0.0	0.0	0.0
79.00000		45.00000		68.24000			0.0	0.0	0.0
80.00000		45.00000		68.24000			0.0	0.0	0.0
81.00000		45.00000		68.24000			0.0	0.0	0.0
82.00000		45.00000		68.24000			0.0	0.0	0.0
83.00000		45.00000		68.24000			0.0	0.0	0.0
84.00000		45.00000		68.24000			0.0	0.0	0.0
85.00000		45.00000		68.24000			0.0	0.0	0.0
86.00000		45.00000		68.24000			0.0	0.0	0.0
87.00000		45.00000		68.24000			0.0	0.0	0.0
88.00000		45.00000		68.24000			0.0	0.0	0.0
89.00000		45.00000		68.24000			0.0	0.0	0.0
90.00000		45.00000		68.24000			0.0	0.0	0.0
91.00000		45.00000		68.24000			0.0	0.0	0.0
92.00000		45.00000		68.24000			0.0	0.0	0.0
93.00000		45.00000		68.24000			0.0	0.0	0.0
94.00000		45.00000		68.24000			0.0	0.0	0.0
95.00000		45.00000		68.24000			0.0	0.0	0.0
96.00000		45.00000		68.24000			0.0	0.0	0.0
97.00000		45.00000		68.24000			0.0	0.0	0.0
98.00000		45.00000		68.24000			0.0	0.0	0.0
99.00000		45.00000		68.24000			0.0	0.0	0.0
100.00000		45.00000		68.24000			0.0	0.0	0.0
0.00000		46.00000		68.24000			0.0	0.0	0.0
1.00000		46.00000		68.24000			0.0	0.0	0.0
2.00000		46.00000		68.24000			0.0	0.0	0.0
3.00000		46.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
4.00000	46.00000	68.24000		4.00000	46.00000	68.24000	0.0	0.0	0.0
5.00000	46.00000	68.24000		5.00000	46.00000	68.24000	0.0	0.0	0.0
6.00000	46.00000	68.24000		6.00000	46.00000	68.24000	0.0	0.0	0.0
7.00000	46.00000	68.24000		7.00000	46.00000	68.24000	0.0	0.0	0.0
8.00000	46.00000	68.24000		8.00000	46.00000	68.24000	0.0	0.0	0.0
9.00000	46.00000	68.24000		9.00000	46.00000	68.24000	0.0	0.0	0.0
10.00000	46.00000	68.24000		10.00000	46.00000	68.24000	0.0	0.0	0.0
11.00000	46.00000	68.24000		11.00000	46.00000	68.24000	0.0	0.0	0.0
12.00000	46.00000	68.24000		12.00000	46.00000	68.24000	0.0	0.0	0.0
13.00000	46.00000	68.24000		13.00000	46.00000	68.24000	0.0	0.0	0.0
14.00000	46.00000	68.24000		14.00000	46.00000	68.24000	0.0	0.0	0.0
15.00000	46.00000	68.24000		15.00000	46.00000	68.24000	0.0	0.0	0.0
16.00000	46.00000	68.24000		16.00000	46.00000	68.24000	0.0	0.0	0.0
17.00000	46.00000	68.24000		17.00000	46.00000	68.24000	0.0	0.0	0.0
18.00000	46.00000	68.24000		18.00000	46.00000	68.24000	0.0	0.0	0.0
19.00000	46.00000	68.24000		19.00000	46.00000	68.24000	0.0	0.0	0.0
20.00000	46.00000	68.24000		20.00000	46.00000	68.24000	0.0	0.0	0.0
21.00000	46.00000	68.24000		21.00000	46.00000	68.24000	0.0	0.0	0.0
22.00000	46.00000	68.24000		22.00000	46.00000	68.24000	0.0	0.0	0.0
23.00000	46.00000	68.24000		23.00000	46.00000	68.24000	0.0	0.0	0.0
24.00000	46.00000	68.24000		24.00000	46.00000	68.24000	0.0	0.0	0.0
25.00000	46.00000	68.24000		25.00000	46.00000	68.24000	0.0	0.0	0.0
26.00000	46.00000	68.24000		26.00000	46.00000	68.24000	0.0	0.0	0.0
27.00000	46.00000	68.24000		27.00000	46.00000	68.24000	0.0	0.0	0.0
28.00000	46.00000	68.24000		28.00000	46.00000	68.24000	0.0	0.0	0.0
29.00000	46.00000	68.24000		29.00000	46.00000	68.24000	0.0	0.0	0.0
30.00000	46.00000	68.24000		30.00000	46.00000	68.24000	0.0	0.0	0.0
31.00000	46.00000	68.24000		31.00000	46.00000	68.24000	0.0	0.0	0.0
32.00000	46.00000	68.24000		32.00000	46.00000	68.24000	0.0	0.0	0.0
33.00000	46.00000	68.24000		33.00000	46.00000	68.24000	0.0	0.0	0.0
34.00000	46.00000	68.24000		34.00000	46.00000	68.24000	0.0	0.0	0.0
35.00000	46.00000	68.24000		35.00000	46.00000	68.24000	0.0	0.0	0.0
36.00000	46.00000	68.24000		36.00000	46.00000	68.24000	0.0	0.0	0.0
37.00000	46.00000	68.24000		37.00000	46.00000	68.24000	0.0	0.0	0.0
38.00000	46.00000	68.24000		38.00000	46.00000	68.24000	0.0	0.0	0.0
39.00000	46.00000	68.24000		39.00000	46.00000	68.24000	0.0	0.0	0.0
40.00000	46.00000	68.24000		40.00000	46.00000	68.24000	0.0	0.0	0.0
41.00000	46.00000	68.24000		41.00000	46.00000	68.24000	0.0	0.0	0.0
42.00000	46.00000	68.24000		42.00000	46.00000	68.24000	0.0	0.0	0.0
43.00000	46.00000	68.24000		43.00000	46.00000	68.24000	0.0	0.0	0.0
44.00000	46.00000	68.24000		44.00000	46.00000	68.24000	0.0	0.0	0.0
45.00000	46.00000	68.24000		45.00000	46.00000	68.24000	0.0	0.0	0.0
46.00000	46.00000	68.24000		46.00000	46.00000	68.24000	0.0	0.0	0.0
47.00000	46.00000	68.24000		47.00000	46.00000	68.24000	0.0	0.0	0.0
48.00000	46.00000	68.24000		48.00000	46.00000	68.24000	0.0	0.0	0.0
49.00000	46.00000	68.24000		49.00000	46.00000	68.24000	-0.15662	1.4879	0.46088
50.00000	46.00000	68.24000		50.00000	46.00000	68.24000	0.061905	2.3351	0.91457
51.00000	46.00000	68.24000		51.00000	46.00000	68.24000	1.1760	2.6652	1.4149
52.00000	46.00000	68.24000		52.00000	46.00000	68.24000	2.1375	2.8575	2.1885
53.00000	46.00000	68.24000		53.00000	46.00000	68.24000	3.0990	3.0498	2.8850
54.00000	46.00000	68.24000		54.00000	46.00000	68.24000	4.0606	3.2421	3.5685
55.00000	46.00000	68.24000		55.00000	46.00000	68.24000	5.0221	3.4344	4.3028
56.00000	46.00000	68.24000		56.00000	46.00000	68.24000	6.0906	3.6481	5.1683
57.00000	46.00000	68.24000		57.00000	46.00000	68.24000	0.0	2.4300	1.3916
58.00000	46.00000	68.24000		58.00000	46.00000	68.24000	0.0	2.4300	1.3916
59.00000	46.00000	68.24000		59.00000	46.00000	68.24000	2.7464	2.6366	2.8830
60.00000	46.00000	68.24000		60.00000	46.00000	68.24000	Point lies within an excavation.		
61.00000	46.00000	68.24000		61.00000	46.00000	68.24000	Point lies within an excavation.		
62.00000	46.00000	68.24000		62.00000	46.00000	68.24000	Point lies within an excavation.		
63.00000	46.00000	68.24000		63.00000	46.00000	68.24000	Point lies within an excavation.		
64.00000	46.00000	68.24000		64.00000	46.00000	68.24000	Point lies within an excavation.		
65.00000	46.00000	68.24000		65.00000	46.00000	68.24000	-2.6552	6.7800	5.4293
66.00000	46.00000	68.24000		66.00000	46.00000	68.24000	-0.44991	3.0594	1.7841
67.00000	46.00000	68.24000		67.00000	46.00000	68.24000	-0.43491	2.9574	1.7286
68.00000	46.00000	68.24000		68.00000	46.00000	68.24000	-0.41992	2.8554	1.6723
69.00000	46.00000	68.24000		69.00000	46.00000	68.24000	0.0	0.0	0.0
70.00000	46.00000	68.24000		70.00000	46.00000	68.24000	0.0	0.0	0.0
71.00000	46.00000	68.24000		71.00000	46.00000	68.24000	0.0	0.0	0.0
72.00000	46.00000	68.24000		72.00000	46.00000	68.24000	0.0	0.0	0.0
73.00000	46.00000	68.24000		73.00000	46.00000	68.24000	0.0	0.0	0.0
74.00000	46.00000	68.24000		74.00000	46.00000	68.24000	0.0	0.0	0.0
75.00000	46.00000	68.24000		75.00000	46.00000	68.24000	0.0	0.0	0.0
76.00000	46.00000	68.24000		76.00000	46.00000	68.24000	0.0	0.0	0.0
77.00000	46.00000	68.24000		77.00000	46.00000	68.24000	0.0	0.0	0.0
78.00000	46.00000	68.24000		78.00000	46.00000	68.24000	0.0	0.0	0.0
79.00000	46.00000	68.24000		79.00000	46.00000	68.24000	0.0	0.0	0.0
80.00000	46.00000	68.24000		80.00000	46.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				81.00000	46.00000	68.24000	0.0	0.0	0.0
				82.00000	46.00000	68.24000	0.0	0.0	0.0
				83.00000	46.00000	68.24000	0.0	0.0	0.0
				84.00000	46.00000	68.24000	0.0	0.0	0.0
				85.00000	46.00000	68.24000	0.0	0.0	0.0
				86.00000	46.00000	68.24000	0.0	0.0	0.0
				87.00000	46.00000	68.24000	0.0	0.0	0.0
				88.00000	46.00000	68.24000	0.0	0.0	0.0
				89.00000	46.00000	68.24000	0.0	0.0	0.0
				90.00000	46.00000	68.24000	0.0	0.0	0.0
				91.00000	46.00000	68.24000	0.0	0.0	0.0
				92.00000	46.00000	68.24000	0.0	0.0	0.0
				93.00000	46.00000	68.24000	0.0	0.0	0.0
				94.00000	46.00000	68.24000	0.0	0.0	0.0
				95.00000	46.00000	68.24000	0.0	0.0	0.0
				96.00000	46.00000	68.24000	0.0	0.0	0.0
				97.00000	46.00000	68.24000	0.0	0.0	0.0
				98.00000	46.00000	68.24000	0.0	0.0	0.0
				99.00000	46.00000	68.24000	0.0	0.0	0.0
				100.00000	46.00000	68.24000	0.0	0.0	0.0
				0.00000	47.00000	68.24000	0.0	0.0	0.0
				1.00000	47.00000	68.24000	0.0	0.0	0.0
				2.00000	47.00000	68.24000	0.0	0.0	0.0
				3.00000	47.00000	68.24000	0.0	0.0	0.0
				4.00000	47.00000	68.24000	0.0	0.0	0.0
				5.00000	47.00000	68.24000	0.0	0.0	0.0
				6.00000	47.00000	68.24000	0.0	0.0	0.0
				7.00000	47.00000	68.24000	0.0	0.0	0.0
				8.00000	47.00000	68.24000	0.0	0.0	0.0
				9.00000	47.00000	68.24000	0.0	0.0	0.0
				10.00000	47.00000	68.24000	0.0	0.0	0.0
				11.00000	47.00000	68.24000	0.0	0.0	0.0
				12.00000	47.00000	68.24000	0.0	0.0	0.0
				13.00000	47.00000	68.24000	0.0	0.0	0.0
				14.00000	47.00000	68.24000	0.0	0.0	0.0
				15.00000	47.00000	68.24000	0.0	0.0	0.0
				16.00000	47.00000	68.24000	0.0	0.0	0.0
				17.00000	47.00000	68.24000	0.0	0.0	0.0
				18.00000	47.00000	68.24000	0.0	0.0	0.0
				19.00000	47.00000	68.24000	0.0	0.0	0.0
				20.00000	47.00000	68.24000	0.0	0.0	0.0
				21.00000	47.00000	68.24000	0.0	0.0	0.0
				22.00000	47.00000	68.24000	0.0	0.0	0.0
				23.00000	47.00000	68.24000	0.0	0.0	0.0
				24.00000	47.00000	68.24000	0.0	0.0	0.0
				25.00000	47.00000	68.24000	0.0	0.0	0.0
				26.00000	47.00000	68.24000	0.0	0.0	0.0
				27.00000	47.00000	68.24000	0.0	0.0	0.0
				28.00000	47.00000	68.24000	0.0	0.0	0.0
				29.00000	47.00000	68.24000	0.0	0.0	0.0
				30.00000	47.00000	68.24000	0.0	0.0	0.0
				31.00000	47.00000	68.24000	0.0	0.0	0.0
				32.00000	47.00000	68.24000	0.0	0.0	0.0
				33.00000	47.00000	68.24000	0.0	0.0	0.0
				34.00000	47.00000	68.24000	0.0	0.0	0.0
				35.00000	47.00000	68.24000	0.0	0.0	0.0
				36.00000	47.00000	68.24000	0.0	0.0	0.0
				37.00000	47.00000	68.24000	0.0	0.0	0.0
				38.00000	47.00000	68.24000	0.0	0.0	0.0
				39.00000	47.00000	68.24000	0.0	0.0	0.0
				40.00000	47.00000	68.24000	0.0	0.0	0.0
				41.00000	47.00000	68.24000	0.0	0.0	0.0
				42.00000	47.00000	68.24000	0.0	0.0	0.0
				43.00000	47.00000	68.24000	0.0	0.0	0.0
				44.00000	47.00000	68.24000	0.0	0.0	0.0
				45.00000	47.00000	68.24000	0.0	0.0	0.0
				46.00000	47.00000	68.24000	0.0	0.0	0.0
				47.00000	47.00000	68.24000	0.0	0.0	0.0
				48.00000	47.00000	68.24000	0.0	0.0	0.0
				49.00000	47.00000	68.24000	-0.19566	1.8587	0.79226
				50.00000	47.00000	68.24000	0.21517	2.9822	1.3768
				51.00000	47.00000	68.24000	1.3683	3.3887	1.9835
				52.00000	47.00000	68.24000	2.3298	3.5810	2.7366
				53.00000	47.00000	68.24000	3.2913	3.7733	3.4254
				54.00000	47.00000	68.24000	4.2529	3.9656	4.1139
				55.00000	47.00000	68.24000	5.2144	4.1579	4.8660
				56.00000	47.00000	68.24000	6.3470	4.3844	5.7720

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
57.00000		47.00000		68.24000			7.6290	4.6408	6.9800
58.00000		47.00000		68.24000			8.9111	4.8972	8.6941
59.00000		47.00000		68.24000			10.193	2.0386	9.1464
60.00000		47.00000		68.24000					
61.00000		47.00000		68.24000					
62.00000		47.00000		68.24000					
63.00000		47.00000		68.24000					
64.00000		47.00000		68.24000					
65.00000		47.00000		68.24000			-3.9893	1.4853	5.6624
66.00000		47.00000		68.24000			-3.0730	2.0073	4.1143
67.00000		47.00000		68.24000			-0.53687	3.6507	2.0936
68.00000		47.00000		68.24000			0.0	0.0	0.0
69.00000		47.00000		68.24000			0.0	0.0	0.0
70.00000		47.00000		68.24000			0.0	0.0	0.0
71.00000		47.00000		68.24000			0.0	0.0	0.0
72.00000		47.00000		68.24000			0.0	0.0	0.0
73.00000		47.00000		68.24000			0.0	0.0	0.0
74.00000		47.00000		68.24000			0.0	0.0	0.0
75.00000		47.00000		68.24000			0.0	0.0	0.0
76.00000		47.00000		68.24000			0.0	0.0	0.0
77.00000		47.00000		68.24000			0.0	0.0	0.0
78.00000		47.00000		68.24000			0.0	0.0	0.0
79.00000		47.00000		68.24000			0.0	0.0	0.0
80.00000		47.00000		68.24000			0.0	0.0	0.0
81.00000		47.00000		68.24000			0.0	0.0	0.0
82.00000		47.00000		68.24000			0.0	0.0	0.0
83.00000		47.00000		68.24000			0.0	0.0	0.0
84.00000		47.00000		68.24000			0.0	0.0	0.0
85.00000		47.00000		68.24000			0.0	0.0	0.0
86.00000		47.00000		68.24000			0.0	0.0	0.0
87.00000		47.00000		68.24000			0.0	0.0	0.0
88.00000		47.00000		68.24000			0.0	0.0	0.0
89.00000		47.00000		68.24000			0.0	0.0	0.0
90.00000		47.00000		68.24000			0.0	0.0	0.0
91.00000		47.00000		68.24000			0.0	0.0	0.0
92.00000		47.00000		68.24000			0.0	0.0	0.0
93.00000		47.00000		68.24000			0.0	0.0	0.0
94.00000		47.00000		68.24000			0.0	0.0	0.0
95.00000		47.00000		68.24000			0.0	0.0	0.0
96.00000		47.00000		68.24000			0.0	0.0	0.0
97.00000		47.00000		68.24000			0.0	0.0	0.0
98.00000		47.00000		68.24000			0.0	0.0	0.0
99.00000		47.00000		68.24000			0.0	0.0	0.0
100.00000		47.00000		68.24000			0.0	0.0	0.0
0.00000		48.00000		68.24000			0.0	0.0	0.0
1.00000		48.00000		68.24000			0.0	0.0	0.0
2.00000		48.00000		68.24000			0.0	0.0	0.0
3.00000		48.00000		68.24000			0.0	0.0	0.0
4.00000		48.00000		68.24000			0.0	0.0	0.0
5.00000		48.00000		68.24000			0.0	0.0	0.0
6.00000		48.00000		68.24000			0.0	0.0	0.0
7.00000		48.00000		68.24000			0.0	0.0	0.0
8.00000		48.00000		68.24000			0.0	0.0	0.0
9.00000		48.00000		68.24000			0.0	0.0	0.0
10.00000		48.00000		68.24000			0.0	0.0	0.0
11.00000		48.00000		68.24000			0.0	0.0	0.0
12.00000		48.00000		68.24000			0.0	0.0	0.0
13.00000		48.00000		68.24000			0.0	0.0	0.0
14.00000		48.00000		68.24000			0.0	0.0	0.0
15.00000		48.00000		68.24000			0.0	0.0	0.0
16.00000		48.00000		68.24000			0.0	0.0	0.0
17.00000		48.00000		68.24000			0.0	0.0	0.0
18.00000		48.00000		68.24000			0.0	0.0	0.0
19.00000		48.00000		68.24000			0.0	0.0	0.0
20.00000		48.00000		68.24000			0.0	0.0	0.0
21.00000		48.00000		68.24000			0.0	0.0	0.0
22.00000		48.00000		68.24000			0.0	0.0	0.0
23.00000		48.00000		68.24000			0.0	0.0	0.0
24.00000		48.00000		68.24000			0.0	0.0	0.0
25.00000		48.00000		68.24000			0.0	0.0	0.0
26.00000		48.00000		68.24000			0.0	0.0	0.0
27.00000		48.00000		68.24000			0.0	0.0	0.0
28.00000		48.00000		68.24000			0.0	0.0	0.0
29.00000		48.00000		68.24000			0.0	0.0	0.0
30.00000		48.00000		68.24000			0.0	0.0	0.0
31.00000		48.00000		68.24000			0.0	0.0	0.0
32.00000		48.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
33.00000	48.00000	68.24000		33.00000	48.00000	68.24000	0.0	0.0	0.0
34.00000	48.00000	68.24000		34.00000	48.00000	68.24000	0.0	0.0	0.0
35.00000	48.00000	68.24000		35.00000	48.00000	68.24000	0.0	0.0	0.0
36.00000	48.00000	68.24000		36.00000	48.00000	68.24000	0.0	0.0	0.0
37.00000	48.00000	68.24000		37.00000	48.00000	68.24000	0.0	0.0	0.0
38.00000	48.00000	68.24000		38.00000	48.00000	68.24000	0.0	0.0	0.0
39.00000	48.00000	68.24000		39.00000	48.00000	68.24000	0.0	0.0	0.0
40.00000	48.00000	68.24000		40.00000	48.00000	68.24000	0.0	0.0	0.0
41.00000	48.00000	68.24000		41.00000	48.00000	68.24000	0.0	0.0	0.0
42.00000	48.00000	68.24000		42.00000	48.00000	68.24000	0.0	0.0	0.0
43.00000	48.00000	68.24000		43.00000	48.00000	68.24000	0.0	0.0	0.0
44.00000	48.00000	68.24000		44.00000	48.00000	68.24000	0.0	0.0	0.0
45.00000	48.00000	68.24000		45.00000	48.00000	68.24000	0.0	0.0	0.0
46.00000	48.00000	68.24000		46.00000	48.00000	68.24000	0.0	0.0	0.0
47.00000	48.00000	68.24000		47.00000	48.00000	68.24000	0.0	0.0	0.0
48.00000	48.00000	68.24000		48.00000	48.00000	68.24000	0.0	0.0	0.0
49.00000	48.00000	68.24000		49.00000	48.00000	68.24000	-0.23470	2.2296	1.1885
50.00000	48.00000	68.24000		50.00000	48.00000	68.24000	0.36844	3.6374	1.8947
51.00000	48.00000	68.24000		51.00000	48.00000	68.24000	1.5606	4.1354	2.5046
52.00000	48.00000	68.24000		52.00000	48.00000	68.24000	2.5221	4.3278	3.2397
53.00000	48.00000	68.24000		53.00000	48.00000	68.24000	3.4836	4.5201	3.9233
54.00000	48.00000	68.24000		54.00000	48.00000	68.24000	4.4452	4.7124	4.6195
55.00000	48.00000	68.24000		55.00000	48.00000	68.24000	5.4067	4.9047	5.3919
56.00000	48.00000	68.24000		56.00000	48.00000	68.24000	6.6034	5.1440	6.3442
57.00000	48.00000	68.24000		57.00000	48.00000	68.24000	7.8854	5.4004	7.6405
58.00000	48.00000	68.24000		58.00000	48.00000	68.24000	9.1675	5.6568	9.4663
59.00000	48.00000	68.24000		59.00000	48.00000	68.24000	Point lies within an excavation.		
60.00000	48.00000	68.24000		60.00000	48.00000	68.24000	Point lies within an excavation.		
61.00000	48.00000	68.24000		61.00000	48.00000	68.24000	Point lies within an excavation.		
62.00000	48.00000	68.24000		62.00000	48.00000	68.24000	Point lies within an excavation.		
63.00000	48.00000	68.24000		63.00000	48.00000	68.24000	Point lies within an excavation.		
64.00000	48.00000	68.24000		64.00000	48.00000	68.24000	Point lies within an excavation.		
65.00000	48.00000	68.24000		65.00000	48.00000	68.24000	-7.0323	2.6106	7.3053
66.00000	48.00000	68.24000		66.00000	48.00000	68.24000	-4.8551	3.1159	5.1170
67.00000	48.00000	68.24000		67.00000	48.00000	68.24000	-3.1641	3.4819	3.7375
68.00000	48.00000	68.24000		68.00000	48.00000	68.24000	-0.28000	0.0	0.0
69.00000	48.00000	68.24000		69.00000	48.00000	68.24000	0.0	0.0	0.0
70.00000	48.00000	68.24000		70.00000	48.00000	68.24000	0.0	0.0	0.0
71.00000	48.00000	68.24000		71.00000	48.00000	68.24000	0.0	0.0	0.0
72.00000	48.00000	68.24000		72.00000	48.00000	68.24000	0.0	0.0	0.0
73.00000	48.00000	68.24000		73.00000	48.00000	68.24000	0.0	0.0	0.0
74.00000	48.00000	68.24000		74.00000	48.00000	68.24000	0.0	0.0	0.0
75.00000	48.00000	68.24000		75.00000	48.00000	68.24000	0.0	0.0	0.0
76.00000	48.00000	68.24000		76.00000	48.00000	68.24000	0.0	0.0	0.0
77.00000	48.00000	68.24000		77.00000	48.00000	68.24000	0.0	0.0	0.0
78.00000	48.00000	68.24000		78.00000	48.00000	68.24000	0.0	0.0	0.0
79.00000	48.00000	68.24000		79.00000	48.00000	68.24000	0.0	0.0	0.0
80.00000	48.00000	68.24000		80.00000	48.00000	68.24000	0.0	0.0	0.0
81.00000	48.00000	68.24000		81.00000	48.00000	68.24000	0.0	0.0	0.0
82.00000	48.00000	68.24000		82.00000	48.00000	68.24000	0.0	0.0	0.0
83.00000	48.00000	68.24000		83.00000	48.00000	68.24000	0.0	0.0	0.0
84.00000	48.00000	68.24000		84.00000	48.00000	68.24000	0.0	0.0	0.0
85.00000	48.00000	68.24000		85.00000	48.00000	68.24000	0.0	0.0	0.0
86.00000	48.00000	68.24000		86.00000	48.00000	68.24000	0.0	0.0	0.0
87.00000	48.00000	68.24000		87.00000	48.00000	68.24000	0.0	0.0	0.0
88.00000	48.00000	68.24000		88.00000	48.00000	68.24000	0.0	0.0	0.0
89.00000	48.00000	68.24000		89.00000	48.00000	68.24000	0.0	0.0	0.0
90.00000	48.00000	68.24000		90.00000	48.00000	68.24000	0.0	0.0	0.0
91.00000	48.00000	68.24000		91.00000	48.00000	68.24000	0.0	0.0	0.0
92.00000	48.00000	68.24000		92.00000	48.00000	68.24000	0.0	0.0	0.0
93.00000	48.00000	68.24000		93.00000	48.00000	68.24000	0.0	0.0	0.0
94.00000	48.00000	68.24000		94.00000	48.00000	68.24000	0.0	0.0	0.0
95.00000	48.00000	68.24000		95.00000	48.00000	68.24000	0.0	0.0	0.0
96.00000	48.00000	68.24000		96.00000	48.00000	68.24000	0.0	0.0	0.0
97.00000	48.00000	68.24000		97.00000	48.00000	68.24000	0.0	0.0	0.0
98.00000	48.00000	68.24000		98.00000	48.00000	68.24000	0.0	0.0	0.0
99.00000	48.00000	68.24000		99.00000	48.00000	68.24000	0.0	0.0	0.0
100.00000	48.00000	68.24000		100.00000	48.00000	68.24000	0.0	0.0	0.0
0.00000	49.00000	68.24000		0.00000	49.00000	68.24000	0.0	0.0	0.0
1.00000	49.00000	68.24000		1.00000	49.00000	68.24000	0.0	0.0	0.0
2.00000	49.00000	68.24000		2.00000	49.00000	68.24000	0.0	0.0	0.0
3.00000	49.00000	68.24000		3.00000	49.00000	68.24000	0.0	0.0	0.0
4.00000	49.00000	68.24000		4.00000	49.00000	68.24000	0.0	0.0	0.0
5.00000	49.00000	68.24000		5.00000	49.00000	68.24000	0.0	0.0	0.0
6.00000	49.00000	68.24000		6.00000	49.00000	68.24000	0.0	0.0	0.0
7.00000	49.00000	68.24000		7.00000	49.00000	68.24000	0.0	0.0	0.0
8.00000	49.00000	68.24000		8.00000	49.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
9.00000		49.00000		68.24000			0.0	0.0	0.0
10.00000		49.00000		68.24000			0.0	0.0	0.0
11.00000		49.00000		68.24000			0.0	0.0	0.0
12.00000		49.00000		68.24000			0.0	0.0	0.0
13.00000		49.00000		68.24000			0.0	0.0	0.0
14.00000		49.00000		68.24000			0.0	0.0	0.0
15.00000		49.00000		68.24000			0.0	0.0	0.0
16.00000		49.00000		68.24000			0.0	0.0	0.0
17.00000		49.00000		68.24000			0.0	0.0	0.0
18.00000		49.00000		68.24000			0.0	0.0	0.0
19.00000		49.00000		68.24000			0.0	0.0	0.0
20.00000		49.00000		68.24000			0.0	0.0	0.0
21.00000		49.00000		68.24000			0.0	0.0	0.0
22.00000		49.00000		68.24000			0.0	0.0	0.0
23.00000		49.00000		68.24000			0.0	0.0	0.0
24.00000		49.00000		68.24000			0.0	0.0	0.0
25.00000		49.00000		68.24000			0.0	0.0	0.0
26.00000		49.00000		68.24000			0.0	0.0	0.0
27.00000		49.00000		68.24000			0.0	0.0	0.0
28.00000		49.00000		68.24000			0.0	0.0	0.0
29.00000		49.00000		68.24000			0.0	0.0	0.0
30.00000		49.00000		68.24000			0.0	0.0	0.0
31.00000		49.00000		68.24000			0.0	0.0	0.0
32.00000		49.00000		68.24000			0.0	0.0	0.0
33.00000		49.00000		68.24000			0.0	0.0	0.0
34.00000		49.00000		68.24000			0.0	0.0	0.0
35.00000		49.00000		68.24000			0.0	0.0	0.0
36.00000		49.00000		68.24000			0.0	0.0	0.0
37.00000		49.00000		68.24000			0.0	0.0	0.0
38.00000		49.00000		68.24000			0.0	0.0	0.0
39.00000		49.00000		68.24000			0.0	0.0	0.0
40.00000		49.00000		68.24000			0.16067	0.018538	0.028766
41.00000		49.00000		68.24000			0.53074	0.061239	0.069175
42.00000		49.00000		68.24000			0.0	0.0	0.0
43.00000		49.00000		68.24000			0.0	0.0	0.0
44.00000		49.00000		68.24000			0.0	0.0	0.0
45.00000		49.00000		68.24000			0.0	0.0	0.0
46.00000		49.00000		68.24000			0.0	0.0	0.0
47.00000		49.00000		68.24000			0.0	0.0	0.0
48.00000		49.00000		68.24000			0.0	0.0	0.0
49.00000		49.00000		68.24000			-0.28850	2.7408	1.5993
50.00000		49.00000		68.24000			-0.28074	4.2398	2.3970
51.00000		49.00000		68.24000			0.0	4.5317	2.4212
52.00000		49.00000		68.24000			0.0	4.5317	2.4212
53.00000		49.00000		68.24000			0.0	4.5317	2.4212
54.00000		49.00000		68.24000			4.6375	5.4592	5.0285
55.00000		49.00000		68.24000			5.5990	5.6515	5.8239
56.00000		49.00000		68.24000			6.8598	5.9036	6.8305
57.00000		49.00000		68.24000			8.1419	6.1600	8.2233
58.00000		49.00000		68.24000			9.4239	6.4164	10.160
59.00000		49.00000		68.24000			Point lies within an excavation.		
60.00000		49.00000		68.24000			Point lies within an excavation.		
61.00000		49.00000		68.24000			Point lies within an excavation.		
62.00000		49.00000		68.24000			Point lies within an excavation.		
63.00000		49.00000		68.24000			Point lies within an excavation.		
64.00000		49.00000		68.24000			Point lies within an excavation.		
65.00000		49.00000		68.24000			Point lies within an excavation.		
66.00000		49.00000		68.24000			-0.75579	5.1394	2.3553
67.00000		49.00000		68.24000			-1.5181	4.4993	2.7554
68.00000		49.00000		68.24000			-0.10131	-0.070135	0.0
69.00000		49.00000		68.24000			0.0	0.0	0.0
70.00000		49.00000		68.24000			0.0	0.0	0.0
71.00000		49.00000		68.24000			0.0	0.0	0.0
72.00000		49.00000		68.24000			0.0	0.0	0.0
73.00000		49.00000		68.24000			0.0	0.0	0.0
74.00000		49.00000		68.24000			0.0	0.0	0.0
75.00000		49.00000		68.24000			0.0	0.0	0.0
76.00000		49.00000		68.24000			0.0	0.0	0.0
77.00000		49.00000		68.24000			0.0	0.0	0.0
78.00000		49.00000		68.24000			0.0	0.0	0.0
79.00000		49.00000		68.24000			0.0	0.0	0.0
80.00000		49.00000		68.24000			0.0	0.0	0.0
81.00000		49.00000		68.24000			0.0	0.0	0.0
82.00000		49.00000		68.24000			0.0	0.0	0.0
83.00000		49.00000		68.24000			0.0	0.0	0.0
84.00000		49.00000		68.24000			0.0	0.0	0.0
85.00000		49.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				86.00000	49.00000	68.24000	0.0	0.0	0.0
				87.00000	49.00000	68.24000	0.0	0.0	0.0
				88.00000	49.00000	68.24000	0.0	0.0	0.0
				89.00000	49.00000	68.24000	0.0	0.0	0.0
				90.00000	49.00000	68.24000	0.0	0.0	0.0
				91.00000	49.00000	68.24000	0.0	0.0	0.0
				92.00000	49.00000	68.24000	0.0	0.0	0.0
				93.00000	49.00000	68.24000	0.0	0.0	0.0
				94.00000	49.00000	68.24000	0.0	0.0	0.0
				95.00000	49.00000	68.24000	0.0	0.0	0.0
				96.00000	49.00000	68.24000	0.0	0.0	0.0
				97.00000	49.00000	68.24000	0.0	0.0	0.0
				98.00000	49.00000	68.24000	0.0	0.0	0.0
				99.00000	49.00000	68.24000	0.0	0.0	0.0
				100.00000	49.00000	68.24000	0.0	0.0	0.0
				0.00000	50.00000	68.24000	0.0	0.0	0.0
				1.00000	50.00000	68.24000	0.0	0.0	0.0
				2.00000	50.00000	68.24000	0.0	0.0	0.0
				3.00000	50.00000	68.24000	0.0	0.0	0.0
				4.00000	50.00000	68.24000	0.0	0.0	0.0
				5.00000	50.00000	68.24000	0.0	0.0	0.0
				6.00000	50.00000	68.24000	0.0	0.0	0.0
				7.00000	50.00000	68.24000	0.0	0.0	0.0
				8.00000	50.00000	68.24000	0.0	0.0	0.0
				9.00000	50.00000	68.24000	0.0	0.0	0.0
				10.00000	50.00000	68.24000	0.0	0.0	0.0
				11.00000	50.00000	68.24000	0.0	0.0	0.0
				12.00000	50.00000	68.24000	0.0	0.0	0.0
				13.00000	50.00000	68.24000	0.0	0.0	0.0
				14.00000	50.00000	68.24000	0.0	0.0	0.0
				15.00000	50.00000	68.24000	0.0	0.0	0.0
				16.00000	50.00000	68.24000	0.0	0.0	0.0
				17.00000	50.00000	68.24000	0.0	0.0	0.0
				18.00000	50.00000	68.24000	0.0	0.0	0.0
				19.00000	50.00000	68.24000	0.0	0.0	0.0
				20.00000	50.00000	68.24000	0.0	0.0	0.0
				21.00000	50.00000	68.24000	0.0	0.0	0.0
				22.00000	50.00000	68.24000	0.0	0.0	0.0
				23.00000	50.00000	68.24000	0.0	0.0	0.0
				24.00000	50.00000	68.24000	0.0	0.0	0.0
				25.00000	50.00000	68.24000	0.0	0.0	0.0
				26.00000	50.00000	68.24000	0.0	0.0	0.0
				27.00000	50.00000	68.24000	0.0	0.0	0.0
				28.00000	50.00000	68.24000	0.0	0.0	0.0
				29.00000	50.00000	68.24000	0.0	0.0	0.0
				30.00000	50.00000	68.24000	0.0	0.0	0.0
				31.00000	50.00000	68.24000	0.0	0.0	0.0
				32.00000	50.00000	68.24000	0.0	0.0	0.0
				33.00000	50.00000	68.24000	0.0	0.0	0.0
				34.00000	50.00000	68.24000	0.0	0.0	0.0
				35.00000	50.00000	68.24000	0.0	0.0	0.0
				36.00000	50.00000	68.24000	0.0	0.0	0.0
				37.00000	50.00000	68.24000	0.0	0.0	0.0
				38.00000	50.00000	68.24000	0.0	0.0	0.0
				39.00000	50.00000	68.24000	0.0	0.0	0.0
				40.00000	50.00000	68.24000	0.20337	0.023465	0.033986
				41.00000	50.00000	68.24000	0.57344	0.066166	0.074947
				42.00000	50.00000	68.24000	0.94351	0.10887	0.16102
				43.00000	50.00000	68.24000	1.3136	0.15157	0.34026
				44.00000	50.00000	68.24000	1.6837	0.19427	0.62637
				45.00000	50.00000	68.24000	2.0537	0.23697	0.99864
				46.00000	50.00000	68.24000	2.4238	0.27967	1.4020
				47.00000	50.00000	68.24000	3.1084	0.35866	1.8037
				48.00000	50.00000	68.24000	3.8074	0.43932	2.1630
				49.00000	50.00000	68.24000	4.1442	3.9613	4.3994
				50.00000	50.00000	68.24000	1.8066	2.0271	1.6182
				51.00000	50.00000	68.24000	0.0	5.2400	2.3312
				52.00000	50.00000	68.24000	0.0	5.2400	2.3312
				53.00000	50.00000	68.24000	0.0	5.2400	2.3312
				54.00000	50.00000	68.24000	0.0	5.2400	2.3312
				55.00000	50.00000	68.24000	0.0	5.2400	2.3312
				56.00000	50.00000	68.24000	0.0	5.2400	2.3312
				57.00000	50.00000	68.24000	0.0	5.2400	2.3312
				58.00000	50.00000	68.24000	0.0	5.2400	2.3312
				59.00000	50.00000	68.24000	Point lies within an excavation.		
				60.00000	50.00000	68.24000	Point lies within an excavation.		
				61.00000	50.00000	68.24000	Point lies within an excavation.		



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				62.00000	50.00000	68.24000	Point lies within an excavation.		
				63.00000	50.00000	68.24000	Point lies within an excavation.		
				64.00000	50.00000	68.24000	Point lies within an excavation.		
				65.00000	50.00000	68.24000	Point lies within an excavation.		
				66.00000	50.00000	68.24000	Point lies within an excavation.		
				67.00000	50.00000	68.24000	Point lies within an excavation.		
				68.00000	50.00000	68.24000	-4.1565	-2.3029	2.4482
				69.00000	50.00000	68.24000	0.0	0.0	0.0
				70.00000	50.00000	68.24000	0.0	0.0	0.0
				71.00000	50.00000	68.24000	0.0	0.0	0.0
				72.00000	50.00000	68.24000	0.0	0.0	0.0
				73.00000	50.00000	68.24000	0.0	0.0	0.0
				74.00000	50.00000	68.24000	0.0	0.0	0.0
				75.00000	50.00000	68.24000	0.0	0.0	0.0
				76.00000	50.00000	68.24000	0.0	0.0	0.0
				77.00000	50.00000	68.24000	0.0	0.0	0.0
				78.00000	50.00000	68.24000	0.0	0.0	0.0
				79.00000	50.00000	68.24000	0.0	0.0	0.0
				80.00000	50.00000	68.24000	0.0	0.0	0.0
				81.00000	50.00000	68.24000	0.0	0.0	0.0
				82.00000	50.00000	68.24000	0.0	0.0	0.0
				83.00000	50.00000	68.24000	0.0	0.0	0.0
				84.00000	50.00000	68.24000	0.0	0.0	0.0
				85.00000	50.00000	68.24000	0.0	0.0	0.0
				86.00000	50.00000	68.24000	0.0	0.0	0.0
				87.00000	50.00000	68.24000	0.0	0.0	0.0
				88.00000	50.00000	68.24000	0.0	0.0	0.0
				89.00000	50.00000	68.24000	0.0	0.0	0.0
				90.00000	50.00000	68.24000	0.0	0.0	0.0
				91.00000	50.00000	68.24000	0.0	0.0	0.0
				92.00000	50.00000	68.24000	0.0	0.0	0.0
				93.00000	50.00000	68.24000	0.0	0.0	0.0
				94.00000	50.00000	68.24000	0.0	0.0	0.0
				95.00000	50.00000	68.24000	0.0	0.0	0.0
				96.00000	50.00000	68.24000	0.0	0.0	0.0
				97.00000	50.00000	68.24000	0.0	0.0	0.0
				98.00000	50.00000	68.24000	0.0	0.0	0.0
				99.00000	50.00000	68.24000	0.0	0.0	0.0
				100.00000	50.00000	68.24000	0.0	0.0	0.0
				0.00000	51.00000	68.24000	0.0	0.0	0.0
				1.00000	51.00000	68.24000	0.0	0.0	0.0
				2.00000	51.00000	68.24000	0.0	0.0	0.0
				3.00000	51.00000	68.24000	0.0	0.0	0.0
				4.00000	51.00000	68.24000	0.0	0.0	0.0
				5.00000	51.00000	68.24000	0.0	0.0	0.0
				6.00000	51.00000	68.24000	0.0	0.0	0.0
				7.00000	51.00000	68.24000	0.0	0.0	0.0
				8.00000	51.00000	68.24000	0.0	0.0	0.0
				9.00000	51.00000	68.24000	0.0	0.0	0.0
				10.00000	51.00000	68.24000	0.0	0.0	0.0
				11.00000	51.00000	68.24000	0.0	0.0	0.0
				12.00000	51.00000	68.24000	0.0	0.0	0.0
				13.00000	51.00000	68.24000	0.0	0.0	0.0
				14.00000	51.00000	68.24000	0.0	0.0	0.0
				15.00000	51.00000	68.24000	0.0	0.0	0.0
				16.00000	51.00000	68.24000	0.0	0.0	0.0
				17.00000	51.00000	68.24000	0.0	0.0	0.0
				18.00000	51.00000	68.24000	0.0	0.0	0.0
				19.00000	51.00000	68.24000	0.0	0.0	0.0
				20.00000	51.00000	68.24000	0.0	0.0	0.0
				21.00000	51.00000	68.24000	0.0	0.0	0.0
				22.00000	51.00000	68.24000	0.0	0.0	0.0
				23.00000	51.00000	68.24000	0.0	0.0	0.0
				24.00000	51.00000	68.24000	0.0	0.0	0.0
				25.00000	51.00000	68.24000	0.0	0.0	0.0
				26.00000	51.00000	68.24000	0.0	0.0	0.0
				27.00000	51.00000	68.24000	0.0	0.0	0.0
				28.00000	51.00000	68.24000	0.0	0.0	0.0
				29.00000	51.00000	68.24000	0.0	0.0	0.0
				30.00000	51.00000	68.24000	0.0	0.0	0.0
				31.00000	51.00000	68.24000	0.0	0.0	0.0
				32.00000	51.00000	68.24000	0.0	0.0	0.0
				33.00000	51.00000	68.24000	0.0	0.0	0.0
				34.00000	51.00000	68.24000	0.0	0.0	0.0
				35.00000	51.00000	68.24000	0.0	0.0	0.0
				36.00000	51.00000	68.24000	0.0	0.0	0.0
				37.00000	51.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
38.00000	51.00000	68.24000		38.00000	51.00000	68.24000	0.21681	0.039420	0.035764
39.00000	51.00000	68.24000		39.00000	51.00000	68.24000	0.57981	0.10542	0.076678
40.00000	51.00000	68.24000		40.00000	51.00000	68.24000	1.1889	0.19981	0.20269
41.00000	51.00000	68.24000		41.00000	51.00000	68.24000	0.61614	0.071093	0.081356
42.00000	51.00000	68.24000		42.00000	51.00000	68.24000	0.98621	0.11379	0.17638
43.00000	51.00000	68.24000		43.00000	51.00000	68.24000	1.3563	0.15649	0.36790
44.00000	51.00000	68.24000		44.00000	51.00000	68.24000	1.7264	0.19920	0.66566
45.00000	51.00000	68.24000		45.00000	51.00000	68.24000	2.0964	0.24190	1.0450
46.00000	51.00000	68.24000		46.00000	51.00000	68.24000	2.4900	0.28731	1.4512
47.00000	51.00000	68.24000		47.00000	51.00000	68.24000	3.1890	0.36797	1.8468
48.00000	51.00000	68.24000		48.00000	51.00000	68.24000	3.4443	4.6643	4.5374
49.00000	51.00000	68.24000		49.00000	51.00000	68.24000	4.1511	4.6712	4.7447
50.00000	51.00000	68.24000		50.00000	51.00000	68.24000	Point lies	within an	excavation.
51.00000	51.00000	68.24000		51.00000	51.00000	68.24000	Point lies	within an	excavation.
52.00000	51.00000	68.24000		52.00000	51.00000	68.24000	Point lies	within an	excavation.
53.00000	51.00000	68.24000		53.00000	51.00000	68.24000	Point lies	within an	excavation.
54.00000	51.00000	68.24000		54.00000	51.00000	68.24000	Point lies	within an	excavation.
55.00000	51.00000	68.24000		55.00000	51.00000	68.24000	Point lies	within an	excavation.
56.00000	51.00000	68.24000		56.00000	51.00000	68.24000	Point lies	within an	excavation.
57.00000	51.00000	68.24000		57.00000	51.00000	68.24000	Point lies	within an	excavation.
58.00000	51.00000	68.24000		58.00000	51.00000	68.24000	Point lies	within an	excavation.
59.00000	51.00000	68.24000		59.00000	51.00000	68.24000	Point lies	within an	excavation.
60.00000	51.00000	68.24000		60.00000	51.00000	68.24000	Point lies	within an	excavation.
61.00000	51.00000	68.24000		61.00000	51.00000	68.24000	Point lies	within an	excavation.
62.00000	51.00000	68.24000		62.00000	51.00000	68.24000	Point lies	within an	excavation.
63.00000	51.00000	68.24000		63.00000	51.00000	68.24000	Point lies	within an	excavation.
64.00000	51.00000	68.24000		64.00000	51.00000	68.24000	Point lies	within an	excavation.
65.00000	51.00000	68.24000		65.00000	51.00000	68.24000	Point lies	within an	excavation.
66.00000	51.00000	68.24000		66.00000	51.00000	68.24000	Point lies	within an	excavation.
67.00000	51.00000	68.24000		67.00000	51.00000	68.24000	-4.3982	-2.4368	2.4181
68.00000	51.00000	68.24000		68.00000	51.00000	68.24000	-3.8562	-2.1366	2.3912
69.00000	51.00000	68.24000		69.00000	51.00000	68.24000	-3.3143	-1.8363	2.1420
70.00000	51.00000	68.24000		70.00000	51.00000	68.24000	-2.7723	-1.5360	1.8252
71.00000	51.00000	68.24000		71.00000	51.00000	68.24000	0.0	0.0	0.0
72.00000	51.00000	68.24000		72.00000	51.00000	68.24000	0.0	0.0	0.0
73.00000	51.00000	68.24000		73.00000	51.00000	68.24000	0.0	0.0	0.0
74.00000	51.00000	68.24000		74.00000	51.00000	68.24000	0.0	0.0	0.0
75.00000	51.00000	68.24000		75.00000	51.00000	68.24000	0.0	0.0	0.0
76.00000	51.00000	68.24000		76.00000	51.00000	68.24000	0.0	0.0	0.0
77.00000	51.00000	68.24000		77.00000	51.00000	68.24000	0.0	0.0	0.0
78.00000	51.00000	68.24000		78.00000	51.00000	68.24000	0.0	0.0	0.0
79.00000	51.00000	68.24000		79.00000	51.00000	68.24000	0.0	0.0	0.0
80.00000	51.00000	68.24000		80.00000	51.00000	68.24000	0.0	0.0	0.0
81.00000	51.00000	68.24000		81.00000	51.00000	68.24000	0.0	0.0	0.0
82.00000	51.00000	68.24000		82.00000	51.00000	68.24000	0.0	0.0	0.0
83.00000	51.00000	68.24000		83.00000	51.00000	68.24000	0.0	0.0	0.0
84.00000	51.00000	68.24000		84.00000	51.00000	68.24000	0.0	0.0	0.0
85.00000	51.00000	68.24000		85.00000	51.00000	68.24000	0.0	0.0	0.0
86.00000	51.00000	68.24000		86.00000	51.00000	68.24000	0.0	0.0	0.0
87.00000	51.00000	68.24000		87.00000	51.00000	68.24000	0.0	0.0	0.0
88.00000	51.00000	68.24000		88.00000	51.00000	68.24000	0.0	0.0	0.0
89.00000	51.00000	68.24000		89.00000	51.00000	68.24000	0.0	0.0	0.0
90.00000	51.00000	68.24000		90.00000	51.00000	68.24000	0.0	0.0	0.0
91.00000	51.00000	68.24000		91.00000	51.00000	68.24000	0.0	0.0	0.0
92.00000	51.00000	68.24000		92.00000	51.00000	68.24000	0.0	0.0	0.0
93.00000	51.00000	68.24000		93.00000	51.00000	68.24000	0.0	0.0	0.0
94.00000	51.00000	68.24000		94.00000	51.00000	68.24000	0.0	0.0	0.0
95.00000	51.00000	68.24000		95.00000	51.00000	68.24000	0.0	0.0	0.0
96.00000	51.00000	68.24000		96.00000	51.00000	68.24000	0.0	0.0	0.0
97.00000	51.00000	68.24000		97.00000	51.00000	68.24000	0.0	0.0	0.0
98.00000	51.00000	68.24000		98.00000	51.00000	68.24000	0.0	0.0	0.0
99.00000	51.00000	68.24000		99.00000	51.00000	68.24000	0.0	0.0	0.0
100.00000	51.00000	68.24000		100.00000	51.00000	68.24000	0.0	0.0	0.0
0.00000	52.00000	68.24000		0.00000	52.00000	68.24000	0.0	0.0	0.0
1.00000	52.00000	68.24000		1.00000	52.00000	68.24000	0.0	0.0	0.0
2.00000	52.00000	68.24000		2.00000	52.00000	68.24000	0.0	0.0	0.0
3.00000	52.00000	68.24000		3.00000	52.00000	68.24000	0.0	0.0	0.0
4.00000	52.00000	68.24000		4.00000	52.00000	68.24000	0.0	0.0	0.0
5.00000	52.00000	68.24000		5.00000	52.00000	68.24000	0.0	0.0	0.0
6.00000	52.00000	68.24000		6.00000	52.00000	68.24000	0.0	0.0	0.0
7.00000	52.00000	68.24000		7.00000	52.00000	68.24000	0.0	0.0	0.0
8.00000	52.00000	68.24000		8.00000	52.00000	68.24000	0.0	0.0	0.0
9.00000	52.00000	68.24000		9.00000	52.00000	68.24000	0.0	0.0	0.0
10.00000	52.00000	68.24000		10.00000	52.00000	68.24000	0.0	0.0	0.0
11.00000	52.00000	68.24000		11.00000	52.00000	68.24000	0.0	0.0	0.0
12.00000	52.00000	68.24000		12.00000	52.00000	68.24000	0.0	0.0	0.0
13.00000	52.00000	68.24000		13.00000	52.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
Made by	Date	Checked
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		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
14.00000	52.00000	68.24000		14.00000	52.00000	68.24000	0.0	0.0	0.0
15.00000	52.00000	68.24000		15.00000	52.00000	68.24000	0.0	0.0	0.0
16.00000	52.00000	68.24000		16.00000	52.00000	68.24000	0.0	0.0	0.0
17.00000	52.00000	68.24000		17.00000	52.00000	68.24000	0.0	0.0	0.0
18.00000	52.00000	68.24000		18.00000	52.00000	68.24000	0.0	0.0	0.0
19.00000	52.00000	68.24000		19.00000	52.00000	68.24000	0.0	0.0	0.0
20.00000	52.00000	68.24000		20.00000	52.00000	68.24000	0.0	0.0	0.0
21.00000	52.00000	68.24000		21.00000	52.00000	68.24000	0.0	0.0	0.0
22.00000	52.00000	68.24000		22.00000	52.00000	68.24000	0.0	0.0	0.0
23.00000	52.00000	68.24000		23.00000	52.00000	68.24000	0.0	0.0	0.0
24.00000	52.00000	68.24000		24.00000	52.00000	68.24000	0.0	0.0	0.0
25.00000	52.00000	68.24000		25.00000	52.00000	68.24000	0.0	0.0	0.0
26.00000	52.00000	68.24000		26.00000	52.00000	68.24000	0.0	0.0	0.0
27.00000	52.00000	68.24000		27.00000	52.00000	68.24000	0.0	0.0	0.0
28.00000	52.00000	68.24000		28.00000	52.00000	68.24000	0.0	0.0	0.0
29.00000	52.00000	68.24000		29.00000	52.00000	68.24000	0.0	0.0	0.0
30.00000	52.00000	68.24000		30.00000	52.00000	68.24000	0.0	0.0	0.0
31.00000	52.00000	68.24000		31.00000	52.00000	68.24000	0.0	0.0	0.0
32.00000	52.00000	68.24000		32.00000	52.00000	68.24000	0.0	0.0	0.0
33.00000	52.00000	68.24000		33.00000	52.00000	68.24000	0.0	0.0	0.0
34.00000	52.00000	68.24000		34.00000	52.00000	68.24000	0.0	0.0	0.0
35.00000	52.00000	68.24000		35.00000	52.00000	68.24000	0.0	0.0	0.0
36.00000	52.00000	68.24000		36.00000	52.00000	68.24000	0.0	0.0	0.0
37.00000	52.00000	68.24000		37.00000	52.00000	68.24000	0.0	0.0	0.0
38.00000	52.00000	68.24000		38.00000	52.00000	68.24000	0.28281	0.051420	0.042869
39.00000	52.00000	68.24000		39.00000	52.00000	68.24000	0.64581	0.11742	0.087315
40.00000	52.00000	68.24000		40.00000	52.00000	68.24000	1.0088	0.18342	0.18890
41.00000	52.00000	68.24000		41.00000	52.00000	68.24000	1.3718	0.24942	0.38739
42.00000	52.00000	68.24000		42.00000	52.00000	68.24000	1.7348	0.31542	0.68945
43.00000	52.00000	68.24000		43.00000	52.00000	68.24000	2.0978	0.38142	1.0687
44.00000	52.00000	68.24000		44.00000	52.00000	68.24000	2.5001	0.45456	1.4726
45.00000	52.00000	68.24000		45.00000	52.00000	68.24000	5.3249	0.82605	2.9531
46.00000	52.00000	68.24000		46.00000	52.00000	68.24000	2.5707	0.29662	1.5010
47.00000	52.00000	68.24000		47.00000	52.00000	68.24000	3.2697	0.37727	1.8895
48.00000	52.00000	68.24000		48.00000	52.00000	68.24000	3.4512	5.3742	4.6739
49.00000	52.00000	68.24000		49.00000	52.00000	68.24000	4.1580	5.3811	4.8907
50.00000	52.00000	68.24000		50.00000	52.00000	68.24000	Point lies within an excavation.		
51.00000	52.00000	68.24000		51.00000	52.00000	68.24000	Point lies within an excavation.		
52.00000	52.00000	68.24000		52.00000	52.00000	68.24000	Point lies within an excavation.		
53.00000	52.00000	68.24000		53.00000	52.00000	68.24000	Point lies within an excavation.		
54.00000	52.00000	68.24000		54.00000	52.00000	68.24000	Point lies within an excavation.		
55.00000	52.00000	68.24000		55.00000	52.00000	68.24000	Point lies within an excavation.		
56.00000	52.00000	68.24000		56.00000	52.00000	68.24000	Point lies within an excavation.		
57.00000	52.00000	68.24000		57.00000	52.00000	68.24000	Point lies within an excavation.		
58.00000	52.00000	68.24000		58.00000	52.00000	68.24000	Point lies within an excavation.		
59.00000	52.00000	68.24000		59.00000	52.00000	68.24000	Point lies within an excavation.		
60.00000	52.00000	68.24000		60.00000	52.00000	68.24000	Point lies within an excavation.		
61.00000	52.00000	68.24000		61.00000	52.00000	68.24000	Point lies within an excavation.		
62.00000	52.00000	68.24000		62.00000	52.00000	68.24000	Point lies within an excavation.		
63.00000	52.00000	68.24000		63.00000	52.00000	68.24000	Point lies within an excavation.		
64.00000	52.00000	68.24000		64.00000	52.00000	68.24000	Point lies within an excavation.		
65.00000	52.00000	68.24000		65.00000	52.00000	68.24000	Point lies within an excavation.		
66.00000	52.00000	68.24000		66.00000	52.00000	68.24000	Point lies within an excavation.		
67.00000	52.00000	68.24000		67.00000	52.00000	68.24000	-4.0979	-2.2705	2.4441
68.00000	52.00000	68.24000		68.00000	52.00000	68.24000	-3.5560	-1.9702	2.2680
69.00000	52.00000	68.24000		69.00000	52.00000	68.24000	-3.0140	-1.6699	1.9697
70.00000	52.00000	68.24000		70.00000	52.00000	68.24000	-2.4720	-1.3696	1.6389
71.00000	52.00000	68.24000		71.00000	52.00000	68.24000	-2.0329	-1.1263	1.2780
72.00000	52.00000	68.24000		72.00000	52.00000	68.24000	-1.7460	-0.96735	0.92278
73.00000	52.00000	68.24000		73.00000	52.00000	68.24000	0.0	0.0	0.0
74.00000	52.00000	68.24000		74.00000	52.00000	68.24000	0.0	0.0	0.0
75.00000	52.00000	68.24000		75.00000	52.00000	68.24000	0.0	0.0	0.0
76.00000	52.00000	68.24000		76.00000	52.00000	68.24000	0.0	0.0	0.0
77.00000	52.00000	68.24000		77.00000	52.00000	68.24000	0.0	0.0	0.0
78.00000	52.00000	68.24000		78.00000	52.00000	68.24000	0.0	0.0	0.0
79.00000	52.00000	68.24000		79.00000	52.00000	68.24000	0.0	0.0	0.0
80.00000	52.00000	68.24000		80.00000	52.00000	68.24000	0.0	0.0	0.0
81.00000	52.00000	68.24000		81.00000	52.00000	68.24000	0.0	0.0	0.0
82.00000	52.00000	68.24000		82.00000	52.00000	68.24000	0.0	0.0	0.0
83.00000	52.00000	68.24000		83.00000	52.00000	68.24000	0.0	0.0	0.0
84.00000	52.00000	68.24000		84.00000	52.00000	68.24000	0.0	0.0	0.0
85.00000	52.00000	68.24000		85.00000	52.00000	68.24000	0.0	0.0	0.0
86.00000	52.00000	68.24000		86.00000	52.00000	68.24000	0.0	0.0	0.0
87.00000	52.00000	68.24000		87.00000	52.00000	68.24000	0.0	0.0	0.0
88.00000	52.00000	68.24000		88.00000	52.00000	68.24000	0.0	0.0	0.0
89.00000	52.00000	68.24000		89.00000	52.00000	68.24000	0.0	0.0	0.0
90.00000	52.00000	68.24000		90.00000	52.00000	68.24000	0.0	0.0	0.0



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
91.00000		52.00000		68.24000			0.0	0.0	0.0
92.00000		52.00000		68.24000			0.0	0.0	0.0
93.00000		52.00000		68.24000			0.0	0.0	0.0
94.00000		52.00000		68.24000			0.0	0.0	0.0
95.00000		52.00000		68.24000			0.0	0.0	0.0
96.00000		52.00000		68.24000			0.0	0.0	0.0
97.00000		52.00000		68.24000			0.0	0.0	0.0
98.00000		52.00000		68.24000			0.0	0.0	0.0
99.00000		52.00000		68.24000			0.0	0.0	0.0
100.00000		52.00000		68.24000			0.0	0.0	0.0
0.00000		53.00000		68.24000			0.0	0.0	0.0
1.00000		53.00000		68.24000			0.0	0.0	0.0
2.00000		53.00000		68.24000			0.0	0.0	0.0
3.00000		53.00000		68.24000			0.0	0.0	0.0
4.00000		53.00000		68.24000			0.0	0.0	0.0
5.00000		53.00000		68.24000			0.0	0.0	0.0
6.00000		53.00000		68.24000			0.0	0.0	0.0
7.00000		53.00000		68.24000			0.0	0.0	0.0
8.00000		53.00000		68.24000			0.0	0.0	0.0
9.00000		53.00000		68.24000			0.0	0.0	0.0
10.00000		53.00000		68.24000			0.0	0.0	0.0
11.00000		53.00000		68.24000			0.0	0.0	0.0
12.00000		53.00000		68.24000			0.0	0.0	0.0
13.00000		53.00000		68.24000			0.0	0.0	0.0
14.00000		53.00000		68.24000			0.0	0.0	0.0
15.00000		53.00000		68.24000			0.0	0.0	0.0
16.00000		53.00000		68.24000			0.0	0.0	0.0
17.00000		53.00000		68.24000			0.0	0.0	0.0
18.00000		53.00000		68.24000			0.0	0.0	0.0
19.00000		53.00000		68.24000			0.0	0.0	0.0
20.00000		53.00000		68.24000			0.0	0.0	0.0
21.00000		53.00000		68.24000			0.0	0.0	0.0
22.00000		53.00000		68.24000			0.0	0.0	0.0
23.00000		53.00000		68.24000			0.0	0.0	0.0
24.00000		53.00000		68.24000			0.0	0.0	0.0
25.00000		53.00000		68.24000			0.0	0.0	0.0
26.00000		53.00000		68.24000			0.0	0.0	0.0
27.00000		53.00000		68.24000			0.0	0.0	0.0
28.00000		53.00000		68.24000			0.0	0.0	0.0
29.00000		53.00000		68.24000			0.0	0.0	0.0
30.00000		53.00000		68.24000			0.0	0.0	0.0
31.00000		53.00000		68.24000			0.0	0.0	0.0
32.00000		53.00000		68.24000			0.0	0.0	0.0
33.00000		53.00000		68.24000			0.0	0.0	0.0
34.00000		53.00000		68.24000			0.0	0.0	0.0
35.00000		53.00000		68.24000			0.0	0.0	0.0
36.00000		53.00000		68.24000			0.0	0.0	0.0
37.00000		53.00000		68.24000			0.0	0.0	0.0
38.00000		53.00000		68.24000			0.34881	0.063420	0.049543
39.00000		53.00000		68.24000			0.71181	0.12942	0.099930
40.00000		53.00000		68.24000			1.0748	0.19542	0.21715
41.00000		53.00000		68.24000			1.4378	0.26142	0.43493
42.00000		53.00000		68.24000			1.8008	0.32742	0.75396
43.00000		53.00000		68.24000			2.1638	0.39342	1.1418
44.00000		53.00000		68.24000			2.6247	0.47723	1.5485
45.00000		53.00000		68.24000			3.3104	0.60189	1.9277
46.00000		53.00000		68.24000			3.9961	0.72656	2.2664
47.00000		53.00000		68.24000			4.6817	0.85123	2.4484
48.00000		53.00000		68.24000					Point lies within an excavation.
49.00000		53.00000		68.24000					Point lies within an excavation.
50.00000		53.00000		68.24000					Point lies within an excavation.
51.00000		53.00000		68.24000					Point lies within an excavation.
52.00000		53.00000		68.24000					Point lies within an excavation.
53.00000		53.00000		68.24000					Point lies within an excavation.
54.00000		53.00000		68.24000					Point lies within an excavation.
55.00000		53.00000		68.24000					Point lies within an excavation.
56.00000		53.00000		68.24000					Point lies within an excavation.
57.00000		53.00000		68.24000					Point lies within an excavation.
58.00000		53.00000		68.24000					Point lies within an excavation.
59.00000		53.00000		68.24000					Point lies within an excavation.
60.00000		53.00000		68.24000					Point lies within an excavation.
61.00000		53.00000		68.24000					Point lies within an excavation.
62.00000		53.00000		68.24000					Point lies within an excavation.
63.00000		53.00000		68.24000					Point lies within an excavation.
64.00000		53.00000		68.24000					Point lies within an excavation.
65.00000		53.00000		68.24000					Point lies within an excavation.
66.00000		53.00000		68.24000			-4.3396	-2.4044	2.4332



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.00000	53.00000	68.24000	-3.7977	-2.1041	2.3712
				68.00000	53.00000	68.24000	-3.2557	-1.8038	2.1094
				69.00000	53.00000	68.24000	-2.7137	-1.5036	1.7895
				70.00000	53.00000	68.24000	-2.1718	-1.2033	1.4363
				71.00000	53.00000	68.24000	-1.8739	-1.0382	1.0797
				72.00000	53.00000	68.24000	-1.5870	-0.87927	0.73831
				73.00000	53.00000	68.24000	-1.3001	-0.72030	0.45345
				74.00000	53.00000	68.24000	-1.0131	-0.56133	0.24817
				75.00000	53.00000	68.24000	0.0	0.0	0.0
				76.00000	53.00000	68.24000	0.0	0.0	0.0
				77.00000	53.00000	68.24000	0.0	0.0	0.0
				78.00000	53.00000	68.24000	0.0	0.0	0.0
				79.00000	53.00000	68.24000	0.0	0.0	0.0
				80.00000	53.00000	68.24000	0.0	0.0	0.0
				81.00000	53.00000	68.24000	0.0	0.0	0.0
				82.00000	53.00000	68.24000	0.0	0.0	0.0
				83.00000	53.00000	68.24000	0.0	0.0	0.0
				84.00000	53.00000	68.24000	0.0	0.0	0.0
				85.00000	53.00000	68.24000	0.0	0.0	0.0
				86.00000	53.00000	68.24000	0.0	0.0	0.0
				87.00000	53.00000	68.24000	0.0	0.0	0.0
				88.00000	53.00000	68.24000	0.0	0.0	0.0
				89.00000	53.00000	68.24000	0.0	0.0	0.0
				90.00000	53.00000	68.24000	0.0	0.0	0.0
				91.00000	53.00000	68.24000	0.0	0.0	0.0
				92.00000	53.00000	68.24000	0.0	0.0	0.0
				93.00000	53.00000	68.24000	0.0	0.0	0.0
				94.00000	53.00000	68.24000	0.0	0.0	0.0
				95.00000	53.00000	68.24000	0.0	0.0	0.0
				96.00000	53.00000	68.24000	0.0	0.0	0.0
				97.00000	53.00000	68.24000	0.0	0.0	0.0
				98.00000	53.00000	68.24000	0.0	0.0	0.0
				99.00000	53.00000	68.24000	0.0	0.0	0.0
				100.00000	53.00000	68.24000	0.0	0.0	0.0
				0.00000	54.00000	68.24000	0.0	0.0	0.0
				1.00000	54.00000	68.24000	0.0	0.0	0.0
				2.00000	54.00000	68.24000	0.0	0.0	0.0
				3.00000	54.00000	68.24000	0.0	0.0	0.0
				4.00000	54.00000	68.24000	0.0	0.0	0.0
				5.00000	54.00000	68.24000	0.0	0.0	0.0
				6.00000	54.00000	68.24000	0.0	0.0	0.0
				7.00000	54.00000	68.24000	0.0	0.0	0.0
				8.00000	54.00000	68.24000	0.0	0.0	0.0
				9.00000	54.00000	68.24000	0.0	0.0	0.0
				10.00000	54.00000	68.24000	0.0	0.0	0.0
				11.00000	54.00000	68.24000	0.0	0.0	0.0
				12.00000	54.00000	68.24000	0.0	0.0	0.0
				13.00000	54.00000	68.24000	0.0	0.0	0.0
				14.00000	54.00000	68.24000	0.0	0.0	0.0
				15.00000	54.00000	68.24000	0.0	0.0	0.0
				16.00000	54.00000	68.24000	0.0	0.0	0.0
				17.00000	54.00000	68.24000	0.0	0.0	0.0
				18.00000	54.00000	68.24000	0.0	0.0	0.0
				19.00000	54.00000	68.24000	0.0	0.0	0.0
				20.00000	54.00000	68.24000	0.0	0.0	0.0
				21.00000	54.00000	68.24000	0.0	0.0	0.0
				22.00000	54.00000	68.24000	0.0	0.0	0.0
				23.00000	54.00000	68.24000	0.0	0.0	0.0
				24.00000	54.00000	68.24000	0.0	0.0	0.0
				25.00000	54.00000	68.24000	0.0	0.0	0.0
				26.00000	54.00000	68.24000	0.0	0.0	0.0
				27.00000	54.00000	68.24000	0.0	0.0	0.0
				28.00000	54.00000	68.24000	0.0	0.0	0.0
				29.00000	54.00000	68.24000	0.0	0.0	0.0
				30.00000	54.00000	68.24000	0.0	0.0	0.0
				31.00000	54.00000	68.24000	0.0	0.0	0.0
				32.00000	54.00000	68.24000	0.0	0.0	0.0
				33.00000	54.00000	68.24000	0.0	0.0	0.0
				34.00000	54.00000	68.24000	0.0	0.0	0.0
				35.00000	54.00000	68.24000	0.0	0.0	0.0
				36.00000	54.00000	68.24000	0.0	0.0	0.0
				37.00000	54.00000	68.24000	0.051809	0.0094198	0.012383
				38.00000	54.00000	68.24000	0.41481	0.075420	0.056305
				39.00000	54.00000	68.24000	0.77781	0.14142	0.11484
				40.00000	54.00000	68.24000	1.1408	0.20742	0.24880
				41.00000	54.00000	68.24000	1.5038	0.27342	0.48592
				42.00000	54.00000	68.24000	1.8668	0.33942	0.82084



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
43.00000	54.00000	68.24000		43.00000	54.00000	68.24000	2.2298	0.40542	1.2151
44.00000	54.00000	68.24000		44.00000	54.00000	68.24000	2.7494	0.49989	1.6212
45.00000	54.00000	68.24000		45.00000	54.00000	68.24000	3.4351	0.62456	1.9932
46.00000	54.00000	68.24000		46.00000	54.00000	68.24000	4.1207	0.74923	2.3176
47.00000	54.00000	68.24000		47.00000	54.00000	68.24000	4.8064	0.87389	2.4440
48.00000	54.00000	68.24000		48.00000	54.00000	68.24000	Point lies within an excavation.		
49.00000	54.00000	68.24000		49.00000	54.00000	68.24000	Point lies within an excavation.		
50.00000	54.00000	68.24000		50.00000	54.00000	68.24000	Point lies within an excavation.		
51.00000	54.00000	68.24000		51.00000	54.00000	68.24000	Point lies within an excavation.		
52.00000	54.00000	68.24000		52.00000	54.00000	68.24000	Point lies within an excavation.		
53.00000	54.00000	68.24000		53.00000	54.00000	68.24000	Point lies within an excavation.		
54.00000	54.00000	68.24000		54.00000	54.00000	68.24000	Point lies within an excavation.		
55.00000	54.00000	68.24000		55.00000	54.00000	68.24000	Point lies within an excavation.		
56.00000	54.00000	68.24000		56.00000	54.00000	68.24000	Point lies within an excavation.		
57.00000	54.00000	68.24000		57.00000	54.00000	68.24000	Point lies within an excavation.		
58.00000	54.00000	68.24000		58.00000	54.00000	68.24000	-2.3768	-5.1199	4.8763
59.00000	54.00000	68.24000		59.00000	54.00000	68.24000	Point lies within an excavation.		
60.00000	54.00000	68.24000		60.00000	54.00000	68.24000	Point lies within an excavation.		
61.00000	54.00000	68.24000		61.00000	54.00000	68.24000	Point lies within an excavation.		
62.00000	54.00000	68.24000		62.00000	54.00000	68.24000	Point lies within an excavation.		
63.00000	54.00000	68.24000		63.00000	54.00000	68.24000	Point lies within an excavation.		
64.00000	54.00000	68.24000		64.00000	54.00000	68.24000	Point lies within an excavation.		
65.00000	54.00000	68.24000		65.00000	54.00000	68.24000	-4.5813	-2.5383	2.3326
66.00000	54.00000	68.24000		66.00000	54.00000	68.24000	-4.0393	-2.2380	2.4363
67.00000	54.00000	68.24000		67.00000	54.00000	68.24000	-3.4974	-1.9377	2.2390
68.00000	54.00000	68.24000		68.00000	54.00000	68.24000	-2.9554	-1.6375	1.9350
69.00000	54.00000	68.24000		69.00000	54.00000	68.24000	-2.4135	-1.3372	1.6012
70.00000	54.00000	68.24000		70.00000	54.00000	68.24000	-2.0019	-1.1091	1.2394
71.00000	54.00000	68.24000		71.00000	54.00000	68.24000	-1.7149	-0.95017	0.88568
72.00000	54.00000	68.24000		72.00000	54.00000	68.24000	-1.4280	-0.79120	0.57155
73.00000	54.00000	68.24000		73.00000	54.00000	68.24000	-1.1411	-0.63222	0.32926
74.00000	54.00000	68.24000		74.00000	54.00000	68.24000	-0.85417	-0.47325	0.17042
75.00000	54.00000	68.24000		75.00000	54.00000	68.24000	-0.56724	-0.31428	0.085966
76.00000	54.00000	68.24000		76.00000	54.00000	68.24000	-0.28032	-0.15531	0.046176
77.00000	54.00000	68.24000		77.00000	54.00000	68.24000	0.0	0.0	0.0
78.00000	54.00000	68.24000		78.00000	54.00000	68.24000	0.0	0.0	0.0
79.00000	54.00000	68.24000		79.00000	54.00000	68.24000	0.0	0.0	0.0
80.00000	54.00000	68.24000		80.00000	54.00000	68.24000	0.0	0.0	0.0
81.00000	54.00000	68.24000		81.00000	54.00000	68.24000	0.0	0.0	0.0
82.00000	54.00000	68.24000		82.00000	54.00000	68.24000	0.0	0.0	0.0
83.00000	54.00000	68.24000		83.00000	54.00000	68.24000	0.0	0.0	0.0
84.00000	54.00000	68.24000		84.00000	54.00000	68.24000	0.0	0.0	0.0
85.00000	54.00000	68.24000		85.00000	54.00000	68.24000	0.0	0.0	0.0
86.00000	54.00000	68.24000		86.00000	54.00000	68.24000	0.0	0.0	0.0
87.00000	54.00000	68.24000		87.00000	54.00000	68.24000	0.0	0.0	0.0
88.00000	54.00000	68.24000		88.00000	54.00000	68.24000	0.0	0.0	0.0
89.00000	54.00000	68.24000		89.00000	54.00000	68.24000	0.0	0.0	0.0
90.00000	54.00000	68.24000		90.00000	54.00000	68.24000	0.0	0.0	0.0
91.00000	54.00000	68.24000		91.00000	54.00000	68.24000	0.0	0.0	0.0
92.00000	54.00000	68.24000		92.00000	54.00000	68.24000	0.0	0.0	0.0
93.00000	54.00000	68.24000		93.00000	54.00000	68.24000	0.0	0.0	0.0
94.00000	54.00000	68.24000		94.00000	54.00000	68.24000	0.0	0.0	0.0
95.00000	54.00000	68.24000		95.00000	54.00000	68.24000	0.0	0.0	0.0
96.00000	54.00000	68.24000		96.00000	54.00000	68.24000	0.0	0.0	0.0
97.00000	54.00000	68.24000		97.00000	54.00000	68.24000	0.0	0.0	0.0
98.00000	54.00000	68.24000		98.00000	54.00000	68.24000	0.0	0.0	0.0
99.00000	54.00000	68.24000		99.00000	54.00000	68.24000	0.0	0.0	0.0
100.00000	54.00000	68.24000		100.00000	54.00000	68.24000	0.0	0.0	0.0
0.00000	55.00000	68.24000		0.00000	55.00000	68.24000	0.0	0.0	0.0
1.00000	55.00000	68.24000		1.00000	55.00000	68.24000	0.0	0.0	0.0
2.00000	55.00000	68.24000		2.00000	55.00000	68.24000	0.0	0.0	0.0
3.00000	55.00000	68.24000		3.00000	55.00000	68.24000	0.0	0.0	0.0
4.00000	55.00000	68.24000		4.00000	55.00000	68.24000	0.0	0.0	0.0
5.00000	55.00000	68.24000		5.00000	55.00000	68.24000	0.0	0.0	0.0
6.00000	55.00000	68.24000		6.00000	55.00000	68.24000	0.0	0.0	0.0
7.00000	55.00000	68.24000		7.00000	55.00000	68.24000	0.0	0.0	0.0
8.00000	55.00000	68.24000		8.00000	55.00000	68.24000	0.0	0.0	0.0
9.00000	55.00000	68.24000		9.00000	55.00000	68.24000	0.0	0.0	0.0
10.00000	55.00000	68.24000		10.00000	55.00000	68.24000	0.0	0.0	0.0
11.00000	55.00000	68.24000		11.00000	55.00000	68.24000	0.0	0.0	0.0
12.00000	55.00000	68.24000		12.00000	55.00000	68.24000	0.0	0.0	0.0
13.00000	55.00000	68.24000		13.00000	55.00000	68.24000	0.0	0.0	0.0
14.00000	55.00000	68.24000		14.00000	55.00000	68.24000	0.0	0.0	0.0
15.00000	55.00000	68.24000		15.00000	55.00000	68.24000	0.0	0.0	0.0
16.00000	55.00000	68.24000		16.00000	55.00000	68.24000	0.0	0.0	0.0
17.00000	55.00000	68.24000		17.00000	55.00000	68.24000	0.0	0.0	0.0
18.00000	55.00000	68.24000		18.00000	55.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
19.00000		55.00000		68.24000			0.0	0.0	0.0
20.00000		55.00000		68.24000			0.0	0.0	0.0
21.00000		55.00000		68.24000			0.0	0.0	0.0
22.00000		55.00000		68.24000			0.0	0.0	0.0
23.00000		55.00000		68.24000			0.0	0.0	0.0
24.00000		55.00000		68.24000			0.0	0.0	0.0
25.00000		55.00000		68.24000			0.0	0.0	0.0
26.00000		55.00000		68.24000			0.0	0.0	0.0
27.00000		55.00000		68.24000			0.0	0.0	0.0
28.00000		55.00000		68.24000			0.0	0.0	0.0
29.00000		55.00000		68.24000			0.0	0.0	0.0
30.00000		55.00000		68.24000			0.0	0.0	0.0
31.00000		55.00000		68.24000			0.0	0.0	0.0
32.00000		55.00000		68.24000			0.0	0.0	0.0
33.00000		55.00000		68.24000			0.0	0.0	0.0
34.00000		55.00000		68.24000			0.0	0.0	0.0
35.00000		55.00000		68.24000			0.0	0.0	0.0
36.00000		55.00000		68.24000			0.0	0.0	0.0
37.00000		55.00000		68.24000			0.0	0.0	0.0
38.00000		55.00000		68.24000			0.48081	0.087420	0.063639
39.00000		55.00000		68.24000			0.84381	0.15342	0.13233
40.00000		55.00000		68.24000			1.2068	0.21942	0.28396
41.00000		55.00000		68.24000			1.5698	0.28542	0.54022
42.00000		55.00000		68.24000			1.9328	0.35142	0.88977
43.00000		55.00000		68.24000			2.2958	0.41742	1.2882
44.00000		55.00000		68.24000			2.8741	0.52256	1.6916
45.00000		55.00000		68.24000			3.5597	0.64723	2.0577
46.00000		55.00000		68.24000			4.2454	0.77189	2.3627
47.00000		55.00000		68.24000			4.9311	0.89656	2.4223
48.00000		55.00000		68.24000			Point lies	within an	excavation.
49.00000		55.00000		68.24000			Point lies	within an	excavation.
50.00000		55.00000		68.24000			Point lies	within an	excavation.
51.00000		55.00000		68.24000			Point lies	within an	excavation.
52.00000		55.00000		68.24000			Point lies	within an	excavation.
53.00000		55.00000		68.24000			Point lies	within an	excavation.
54.00000		55.00000		68.24000			Point lies	within an	excavation.
55.00000		55.00000		68.24000			Point lies	within an	excavation.
56.00000		55.00000		68.24000			Point lies	within an	excavation.
57.00000		55.00000		68.24000			Point lies	within an	excavation.
58.00000		55.00000		68.24000			-2.5624	-4.5705	4.8089
59.00000		55.00000		68.24000			-1.6951	-4.7560	4.7332
60.00000		55.00000		68.24000			-0.82786	-4.9416	4.3771
61.00000		55.00000		68.24000			Point lies	within an	excavation.
62.00000		55.00000		68.24000			Point lies	within an	excavation.
63.00000		55.00000		68.24000			Point lies	within an	excavation.
64.00000		55.00000		68.24000			Point lies	within an	excavation.
65.00000		55.00000		68.24000			-5.3861	-2.5708	2.6741
66.00000		55.00000		68.24000			-4.4809	-2.2052	2.4554
67.00000		55.00000		68.24000			-3.5757	-1.8395	2.1287
68.00000		55.00000		68.24000			-2.6551	-1.4711	1.7536
69.00000		55.00000		68.24000			-2.1298	-1.1800	1.3967
70.00000		55.00000		68.24000			-1.8429	-1.0211	1.0412
71.00000		55.00000		68.24000			-1.5560	-0.86209	0.70420
72.00000		55.00000		68.24000			-1.2690	-0.70312	0.42721
73.00000		55.00000		68.24000			-0.98212	-0.54415	0.23104
74.00000		55.00000		68.24000			-0.69520	-0.38518	0.11586
75.00000		55.00000		68.24000			-0.40827	-0.22621	0.061149
76.00000		55.00000		68.24000			-0.12135	-0.067236	0.025731
77.00000		55.00000		68.24000			0.0	0.0	0.0
78.00000		55.00000		68.24000			0.0	0.0	0.0
79.00000		55.00000		68.24000			0.0	0.0	0.0
80.00000		55.00000		68.24000			0.0	0.0	0.0
81.00000		55.00000		68.24000			0.0	0.0	0.0
82.00000		55.00000		68.24000			0.0	0.0	0.0
83.00000		55.00000		68.24000			0.0	0.0	0.0
84.00000		55.00000		68.24000			0.0	0.0	0.0
85.00000		55.00000		68.24000			0.0	0.0	0.0
86.00000		55.00000		68.24000			0.0	0.0	0.0
87.00000		55.00000		68.24000			0.0	0.0	0.0
88.00000		55.00000		68.24000			0.0	0.0	0.0
89.00000		55.00000		68.24000			0.0	0.0	0.0
90.00000		55.00000		68.24000			0.0	0.0	0.0
91.00000		55.00000		68.24000			0.0	0.0	0.0
92.00000		55.00000		68.24000			0.0	0.0	0.0
93.00000		55.00000		68.24000			0.0	0.0	0.0
94.00000		55.00000		68.24000			0.0	0.0	0.0
95.00000		55.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
96.00000		55.00000		68.24000			0.0	0.0	0.0
97.00000		55.00000		68.24000			0.0	0.0	0.0
98.00000		55.00000		68.24000			0.0	0.0	0.0
99.00000		55.00000		68.24000			0.0	0.0	0.0
100.00000		55.00000		68.24000			0.0	0.0	0.0
0.00000		56.00000		68.24000			0.0	0.0	0.0
1.00000		56.00000		68.24000			0.0	0.0	0.0
2.00000		56.00000		68.24000			0.0	0.0	0.0
3.00000		56.00000		68.24000			0.0	0.0	0.0
4.00000		56.00000		68.24000			0.0	0.0	0.0
5.00000		56.00000		68.24000			0.0	0.0	0.0
6.00000		56.00000		68.24000			0.0	0.0	0.0
7.00000		56.00000		68.24000			0.0	0.0	0.0
8.00000		56.00000		68.24000			0.0	0.0	0.0
9.00000		56.00000		68.24000			0.0	0.0	0.0
10.00000		56.00000		68.24000			0.0	0.0	0.0
11.00000		56.00000		68.24000			0.0	0.0	0.0
12.00000		56.00000		68.24000			0.0	0.0	0.0
13.00000		56.00000		68.24000			0.0	0.0	0.0
14.00000		56.00000		68.24000			0.0	0.0	0.0
15.00000		56.00000		68.24000			0.0	0.0	0.0
16.00000		56.00000		68.24000			0.0	0.0	0.0
17.00000		56.00000		68.24000			0.0	0.0	0.0
18.00000		56.00000		68.24000			0.0	0.0	0.0
19.00000		56.00000		68.24000			0.0	0.0	0.0
20.00000		56.00000		68.24000			0.0	0.0	0.0
21.00000		56.00000		68.24000			0.0	0.0	0.0
22.00000		56.00000		68.24000			0.0	0.0	0.0
23.00000		56.00000		68.24000			0.0	0.0	0.0
24.00000		56.00000		68.24000			0.0	0.0	0.0
25.00000		56.00000		68.24000			0.0	0.0	0.0
26.00000		56.00000		68.24000			0.0	0.0	0.0
27.00000		56.00000		68.24000			0.0	0.0	0.0
28.00000		56.00000		68.24000			0.0	0.0	0.0
29.00000		56.00000		68.24000			0.0	0.0	0.0
30.00000		56.00000		68.24000			0.0	0.0	0.0
31.00000		56.00000		68.24000			0.0	0.0	0.0
32.00000		56.00000		68.24000			0.0	0.0	0.0
33.00000		56.00000		68.24000			0.0	0.0	0.0
34.00000		56.00000		68.24000			0.0	0.0	0.0
35.00000		56.00000		68.24000			0.0	0.0	0.0
36.00000		56.00000		68.24000			0.0	0.0	0.0
37.00000		56.00000		68.24000			0.0	0.0	0.0
38.00000		56.00000		68.24000			0.0	0.0	0.0
39.00000		56.00000		68.24000			0.0	0.0	0.0
40.00000		56.00000		68.24000			0.0	0.0	0.0
41.00000		56.00000		68.24000			0.0	0.0	0.0
42.00000		56.00000		68.24000			0.0	0.0	0.0
43.00000		56.00000		68.24000			2.3618	0.42942	1.3603
44.00000		56.00000		68.24000			2.9987	0.54523	1.7603
45.00000		56.00000		68.24000			3.6844	0.66989	2.1206
46.00000		56.00000		68.24000			4.3701	0.79456	2.4002
47.00000		56.00000		68.24000			5.0557	0.91923	2.3807
48.00000		56.00000		68.24000					Point lies within an excavation.
49.00000		56.00000		68.24000					Point lies within an excavation.
50.00000		56.00000		68.24000					Point lies within an excavation.
51.00000		56.00000		68.24000					Point lies within an excavation.
52.00000		56.00000		68.24000					Point lies within an excavation.
53.00000		56.00000		68.24000					Point lies within an excavation.
54.00000		56.00000		68.24000					Point lies within an excavation.
55.00000		56.00000		68.24000					Point lies within an excavation.
56.00000		56.00000		68.24000					Point lies within an excavation.
57.00000		56.00000		68.24000					Point lies within an excavation.
58.00000		56.00000		68.24000			-2.7479	-4.0211	4.5421
59.00000		56.00000		68.24000			-1.8807	-4.2066	4.5015
60.00000		56.00000		68.24000			-1.0134	-4.3922	4.2855
61.00000		56.00000		68.24000			-0.14613	-4.5777	3.9575
62.00000		56.00000		68.24000			0.46514	-4.8093	3.4870
63.00000		56.00000		68.24000					Point lies within an excavation.
64.00000		56.00000		68.24000			-5.9257	-2.7584	2.7759
65.00000		56.00000		68.24000			-5.0205	-2.3927	2.6266
66.00000		56.00000		68.24000			-4.1153	-2.0270	2.3018
67.00000		56.00000		68.24000			-3.2101	-1.6614	1.9461
68.00000		56.00000		68.24000			-2.3549	-1.3047	1.5627
69.00000		56.00000		68.24000			-1.9708	-1.0919	1.2007
70.00000		56.00000		68.24000			-1.6839	-0.93298	0.84906
71.00000		56.00000		68.24000			-1.3970	-0.77401	0.54151



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				72.00000	56.00000	68.24000	-1.1101	-0.61504	0.30805
				73.00000	56.00000	68.24000	-0.82315	-0.45607	0.15806
				74.00000	56.00000	68.24000	-0.53623	-0.29710	0.080234
				75.00000	56.00000	68.24000	-0.24930	-0.13813	0.042622
				76.00000	56.00000	68.24000	0.0	0.0	0.0
				77.00000	56.00000	68.24000	0.0	0.0	0.0
				78.00000	56.00000	68.24000	0.0	0.0	0.0
				79.00000	56.00000	68.24000	0.0	0.0	0.0
				80.00000	56.00000	68.24000	0.0	0.0	0.0
				81.00000	56.00000	68.24000	0.0	0.0	0.0
				82.00000	56.00000	68.24000	0.0	0.0	0.0
				83.00000	56.00000	68.24000	0.0	0.0	0.0
				84.00000	56.00000	68.24000	0.0	0.0	0.0
				85.00000	56.00000	68.24000	0.0	0.0	0.0
				86.00000	56.00000	68.24000	0.0	0.0	0.0
				87.00000	56.00000	68.24000	0.0	0.0	0.0
				88.00000	56.00000	68.24000	0.0	0.0	0.0
				89.00000	56.00000	68.24000	0.0	0.0	0.0
				90.00000	56.00000	68.24000	0.0	0.0	0.0
				91.00000	56.00000	68.24000	0.0	0.0	0.0
				92.00000	56.00000	68.24000	0.0	0.0	0.0
				93.00000	56.00000	68.24000	0.0	0.0	0.0
				94.00000	56.00000	68.24000	0.0	0.0	0.0
				95.00000	56.00000	68.24000	0.0	0.0	0.0
				96.00000	56.00000	68.24000	0.0	0.0	0.0
				97.00000	56.00000	68.24000	0.0	0.0	0.0
				98.00000	56.00000	68.24000	0.0	0.0	0.0
				99.00000	56.00000	68.24000	0.0	0.0	0.0
				100.00000	56.00000	68.24000	0.0	0.0	0.0
				0.00000	57.00000	68.24000	0.0	0.0	0.0
				1.00000	57.00000	68.24000	0.0	0.0	0.0
				2.00000	57.00000	68.24000	0.0	0.0	0.0
				3.00000	57.00000	68.24000	0.0	0.0	0.0
				4.00000	57.00000	68.24000	0.0	0.0	0.0
				5.00000	57.00000	68.24000	0.0	0.0	0.0
				6.00000	57.00000	68.24000	0.0	0.0	0.0
				7.00000	57.00000	68.24000	0.0	0.0	0.0
				8.00000	57.00000	68.24000	0.0	0.0	0.0
				9.00000	57.00000	68.24000	0.0	0.0	0.0
				10.00000	57.00000	68.24000	0.0	0.0	0.0
				11.00000	57.00000	68.24000	0.0	0.0	0.0
				12.00000	57.00000	68.24000	0.0	0.0	0.0
				13.00000	57.00000	68.24000	0.0	0.0	0.0
				14.00000	57.00000	68.24000	0.0	0.0	0.0
				15.00000	57.00000	68.24000	0.0	0.0	0.0
				16.00000	57.00000	68.24000	0.0	0.0	0.0
				17.00000	57.00000	68.24000	0.0	0.0	0.0
				18.00000	57.00000	68.24000	0.0	0.0	0.0
				19.00000	57.00000	68.24000	0.0	0.0	0.0
				20.00000	57.00000	68.24000	0.0	0.0	0.0
				21.00000	57.00000	68.24000	0.0	0.0	0.0
				22.00000	57.00000	68.24000	0.0	0.0	0.0
				23.00000	57.00000	68.24000	0.0	0.0	0.0
				24.00000	57.00000	68.24000	0.0	0.0	0.0
				25.00000	57.00000	68.24000	0.0	0.0	0.0
				26.00000	57.00000	68.24000	0.0	0.0	0.0
				27.00000	57.00000	68.24000	0.0	0.0	0.0
				28.00000	57.00000	68.24000	0.0	0.0	0.0
				29.00000	57.00000	68.24000	0.0	0.0	0.0
				30.00000	57.00000	68.24000	0.0	0.0	0.0
				31.00000	57.00000	68.24000	0.0	0.0	0.0
				32.00000	57.00000	68.24000	0.0	0.0	0.0
				33.00000	57.00000	68.24000	0.0	0.0	0.0
				34.00000	57.00000	68.24000	0.0	0.0	0.0
				35.00000	57.00000	68.24000	0.0	0.0	0.0
				36.00000	57.00000	68.24000	0.0	0.0	0.0
				37.00000	57.00000	68.24000	0.0	0.0	0.0
				38.00000	57.00000	68.24000	0.0	0.0	0.0
				39.00000	57.00000	68.24000	0.0	0.0	0.0
				40.00000	57.00000	68.24000	0.0	0.0	0.0
				41.00000	57.00000	68.24000	0.0	0.0	0.0
				42.00000	57.00000	68.24000	0.0	0.0	0.0
				43.00000	57.00000	68.24000	0.0	0.0	0.0
				44.00000	57.00000	68.24000	0.0	0.0	0.0
				45.00000	57.00000	68.24000	0.0	0.0	0.0
				46.00000	57.00000	68.24000	0.0	0.0	0.0
				47.00000	57.00000	68.24000	1.0287	-4.9964	2.3952



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
48.00000		57.00000		68.24000			Point lies within an excavation.		
49.00000		57.00000		68.24000			Point lies within an excavation.		
50.00000		57.00000		68.24000			Point lies within an excavation.		
51.00000		57.00000		68.24000			Point lies within an excavation.		
52.00000		57.00000		68.24000			Point lies within an excavation.		
53.00000		57.00000		68.24000			Point lies within an excavation.		
54.00000		57.00000		68.24000			Point lies within an excavation.		
55.00000		57.00000		68.24000			Point lies within an excavation.		
56.00000		57.00000		68.24000			Point lies within an excavation.		
57.00000		57.00000		68.24000			Point lies within an excavation.		
58.00000		57.00000		68.24000			-2.9335	-3.4717	4.2089
59.00000		57.00000		68.24000			-2.0662	-3.6572	4.1495
60.00000		57.00000		68.24000			-1.1989	-3.8428	3.9754
61.00000		57.00000		68.24000			-0.33167	-4.0283	3.7386
62.00000		57.00000		68.24000			0.22149	-4.2704	3.4494
63.00000		57.00000		68.24000			0.76588	-4.5140	3.1014
64.00000		57.00000		68.24000			-1.3376	-0.24076	0.36382
65.00000		57.00000		68.24000			-4.6548	-2.2146	2.5002
66.00000		57.00000		68.24000			-3.7496	-1.8489	2.1240
67.00000		57.00000		68.24000			-2.8444	-1.4832	1.7566
68.00000		57.00000		68.24000			-2.0988	-1.1628	1.3591
69.00000		57.00000		68.24000			-1.8119	-1.0039	1.0030
70.00000		57.00000		68.24000			-1.5249	-0.84490	0.67082
71.00000		57.00000		68.24000			-1.2380	-0.68593	0.40193
72.00000		57.00000		68.24000			-0.95110	-0.52696	0.21488
73.00000		57.00000		68.24000			-0.66418	-0.36799	0.10759
74.00000		57.00000		68.24000			-0.37726	-0.20902	0.057317
75.00000		57.00000		68.24000			-0.090334	-0.050050	0.020648
76.00000		57.00000		68.24000			0.0	0.0	0.0
77.00000		57.00000		68.24000			0.0	0.0	0.0
78.00000		57.00000		68.24000			0.0	0.0	0.0
79.00000		57.00000		68.24000			0.0	0.0	0.0
80.00000		57.00000		68.24000			0.0	0.0	0.0
81.00000		57.00000		68.24000			0.0	0.0	0.0
82.00000		57.00000		68.24000			0.0	0.0	0.0
83.00000		57.00000		68.24000			0.0	0.0	0.0
84.00000		57.00000		68.24000			0.0	0.0	0.0
85.00000		57.00000		68.24000			0.0	0.0	0.0
86.00000		57.00000		68.24000			0.0	0.0	0.0
87.00000		57.00000		68.24000			0.0	0.0	0.0
88.00000		57.00000		68.24000			0.0	0.0	0.0
89.00000		57.00000		68.24000			0.0	0.0	0.0
90.00000		57.00000		68.24000			0.0	0.0	0.0
91.00000		57.00000		68.24000			0.0	0.0	0.0
92.00000		57.00000		68.24000			0.0	0.0	0.0
93.00000		57.00000		68.24000			0.0	0.0	0.0
94.00000		57.00000		68.24000			0.0	0.0	0.0
95.00000		57.00000		68.24000			0.0	0.0	0.0
96.00000		57.00000		68.24000			0.0	0.0	0.0
97.00000		57.00000		68.24000			0.0	0.0	0.0
98.00000		57.00000		68.24000			0.0	0.0	0.0
99.00000		57.00000		68.24000			0.0	0.0	0.0
100.00000		57.00000		68.24000			0.0	0.0	0.0
0.00000		58.00000		68.24000			0.0	0.0	0.0
1.00000		58.00000		68.24000			0.0	0.0	0.0
2.00000		58.00000		68.24000			0.0	0.0	0.0
3.00000		58.00000		68.24000			0.0	0.0	0.0
4.00000		58.00000		68.24000			0.0	0.0	0.0
5.00000		58.00000		68.24000			0.0	0.0	0.0
6.00000		58.00000		68.24000			0.0	0.0	0.0
7.00000		58.00000		68.24000			0.0	0.0	0.0
8.00000		58.00000		68.24000			0.0	0.0	0.0
9.00000		58.00000		68.24000			0.0	0.0	0.0
10.00000		58.00000		68.24000			0.0	0.0	0.0
11.00000		58.00000		68.24000			0.0	0.0	0.0
12.00000		58.00000		68.24000			0.0	0.0	0.0
13.00000		58.00000		68.24000			0.0	0.0	0.0
14.00000		58.00000		68.24000			0.0	0.0	0.0
15.00000		58.00000		68.24000			0.0	0.0	0.0
16.00000		58.00000		68.24000			0.0	0.0	0.0
17.00000		58.00000		68.24000			0.0	0.0	0.0
18.00000		58.00000		68.24000			0.0	0.0	0.0
19.00000		58.00000		68.24000			0.0	0.0	0.0
20.00000		58.00000		68.24000			0.0	0.0	0.0
21.00000		58.00000		68.24000			0.0	0.0	0.0
22.00000		58.00000		68.24000			0.0	0.0	0.0
23.00000		58.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
24.00000		58.00000		68.24000			0.0	0.0	0.0
25.00000		58.00000		68.24000			0.0	0.0	0.0
26.00000		58.00000		68.24000			0.0	0.0	0.0
27.00000		58.00000		68.24000			0.0	0.0	0.0
28.00000		58.00000		68.24000			0.0	0.0	0.0
29.00000		58.00000		68.24000			0.0	0.0	0.0
30.00000		58.00000		68.24000			0.0	0.0	0.0
31.00000		58.00000		68.24000			0.0	0.0	0.0
32.00000		58.00000		68.24000			0.0	0.0	0.0
33.00000		58.00000		68.24000			0.0	0.0	0.0
34.00000		58.00000		68.24000			0.0	0.0	0.0
35.00000		58.00000		68.24000			0.0	0.0	0.0
36.00000		58.00000		68.24000			0.0	0.0	0.0
37.00000		58.00000		68.24000			0.0	0.0	0.0
38.00000		58.00000		68.24000			0.0	0.0	0.0
39.00000		58.00000		68.24000			0.0	0.0	0.0
40.00000		58.00000		68.24000			0.030000	0.0	0.0082326
41.00000		58.00000		68.24000			0.40500	0.0	0.054596
42.00000		58.00000		68.24000			0.78000	0.0	0.11233
43.00000		58.00000		68.24000			1.1550	0.0	0.24656
44.00000		58.00000		68.24000			1.5300	0.0	0.48713
45.00000		58.00000		68.24000			1.9050	0.0	0.82854
46.00000		58.00000		68.24000			2.2800	0.0	1.2300
47.00000		58.00000		68.24000			3.7204	-4.3169	4.0329
48.00000		58.00000		68.24000			4.4576	-4.4568	4.4430
49.00000		58.00000		68.24000			5.1947	-4.5967	4.7846
50.00000		58.00000		68.24000			5.9319	-4.7366	4.8817
51.00000		58.00000		68.24000					Point lies within an excavation.
52.00000		58.00000		68.24000					Point lies within an excavation.
53.00000		58.00000		68.24000					Point lies within an excavation.
54.00000		58.00000		68.24000					Point lies within an excavation.
55.00000		58.00000		68.24000					Point lies within an excavation.
56.00000		58.00000		68.24000					Point lies within an excavation.
57.00000		58.00000		68.24000			-3.9056	-2.8744	3.6074
58.00000		58.00000		68.24000			-3.1190	-2.9223	3.8316
59.00000		58.00000		68.24000			-2.2517	-3.1078	3.7633
60.00000		58.00000		68.24000			-1.3845	-3.2933	3.5968
61.00000		58.00000		68.24000			-0.56655	-3.4878	3.3828
62.00000		58.00000		68.24000			-0.022163	-3.7314	3.1579
63.00000		58.00000		68.24000			-1.6354	-0.29438	0.59689
64.00000		58.00000		68.24000			-1.2722	-0.22899	0.32203
65.00000		58.00000		68.24000			-0.90896	-0.16361	0.15228
66.00000		58.00000		68.24000			-3.3840	-1.6708	1.9368
67.00000		58.00000		68.24000			-2.4788	-1.3051	1.5551
68.00000		58.00000		68.24000			-1.9398	-1.0748	1.1619
69.00000		58.00000		68.24000			-1.6529	-0.91579	0.81298
70.00000		58.00000		68.24000			-1.3660	-0.75682	0.51236
71.00000		58.00000		68.24000			-1.0791	-0.59785	0.28784
72.00000		58.00000		68.24000			-0.79213	-0.43888	0.14656
73.00000		58.00000		68.24000			-0.50521	-0.27991	0.074993
74.00000		58.00000		68.24000			-0.21829	-0.12094	0.038943
75.00000		58.00000		68.24000			0.0	0.0	0.0
76.00000		58.00000		68.24000			0.0	0.0	0.0
77.00000		58.00000		68.24000			0.0	0.0	0.0
78.00000		58.00000		68.24000			0.0	0.0	0.0
79.00000		58.00000		68.24000			0.0	0.0	0.0
80.00000		58.00000		68.24000			0.0	0.0	0.0
81.00000		58.00000		68.24000			0.0	0.0	0.0
82.00000		58.00000		68.24000			0.0	0.0	0.0
83.00000		58.00000		68.24000			0.0	0.0	0.0
84.00000		58.00000		68.24000			0.0	0.0	0.0
85.00000		58.00000		68.24000			0.0	0.0	0.0
86.00000		58.00000		68.24000			0.0	0.0	0.0
87.00000		58.00000		68.24000			0.0	0.0	0.0
88.00000		58.00000		68.24000			0.0	0.0	0.0
89.00000		58.00000		68.24000			0.0	0.0	0.0
90.00000		58.00000		68.24000			0.0	0.0	0.0
91.00000		58.00000		68.24000			0.0	0.0	0.0
92.00000		58.00000		68.24000			0.0	0.0	0.0
93.00000		58.00000		68.24000			0.0	0.0	0.0
94.00000		58.00000		68.24000			0.0	0.0	0.0
95.00000		58.00000		68.24000			0.0	0.0	0.0
96.00000		58.00000		68.24000			0.0	0.0	0.0
97.00000		58.00000		68.24000			0.0	0.0	0.0
98.00000		58.00000		68.24000			0.0	0.0	0.0
99.00000		58.00000		68.24000			0.0	0.0	0.0
100.00000		58.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				0.00000	59.00000	68.24000	0.0	0.0	0.0
				1.00000	59.00000	68.24000	0.0	0.0	0.0
				2.00000	59.00000	68.24000	0.0	0.0	0.0
				3.00000	59.00000	68.24000	0.0	0.0	0.0
				4.00000	59.00000	68.24000	0.0	0.0	0.0
				5.00000	59.00000	68.24000	0.0	0.0	0.0
				6.00000	59.00000	68.24000	0.0	0.0	0.0
				7.00000	59.00000	68.24000	0.0	0.0	0.0
				8.00000	59.00000	68.24000	0.0	0.0	0.0
				9.00000	59.00000	68.24000	0.0	0.0	0.0
				10.00000	59.00000	68.24000	0.0	0.0	0.0
				11.00000	59.00000	68.24000	0.0	0.0	0.0
				12.00000	59.00000	68.24000	0.0	0.0	0.0
				13.00000	59.00000	68.24000	0.0	0.0	0.0
				14.00000	59.00000	68.24000	0.0	0.0	0.0
				15.00000	59.00000	68.24000	0.0	0.0	0.0
				16.00000	59.00000	68.24000	0.0	0.0	0.0
				17.00000	59.00000	68.24000	0.0	0.0	0.0
				18.00000	59.00000	68.24000	0.0	0.0	0.0
				19.00000	59.00000	68.24000	0.0	0.0	0.0
				20.00000	59.00000	68.24000	0.0	0.0	0.0
				21.00000	59.00000	68.24000	0.0	0.0	0.0
				22.00000	59.00000	68.24000	0.0	0.0	0.0
				23.00000	59.00000	68.24000	0.0	0.0	0.0
				24.00000	59.00000	68.24000	0.0	0.0	0.0
				25.00000	59.00000	68.24000	0.0	0.0	0.0
				26.00000	59.00000	68.24000	0.0	0.0	0.0
				27.00000	59.00000	68.24000	0.0	0.0	0.0
				28.00000	59.00000	68.24000	0.0	0.0	0.0
				29.00000	59.00000	68.24000	0.0	0.0	0.0
				30.00000	59.00000	68.24000	0.0	0.0	0.0
				31.00000	59.00000	68.24000	0.0	0.0	0.0
				32.00000	59.00000	68.24000	0.0	0.0	0.0
				33.00000	59.00000	68.24000	0.0	0.0	0.0
				34.00000	59.00000	68.24000	0.0	0.0	0.0
				35.00000	59.00000	68.24000	0.0	0.0	0.0
				36.00000	59.00000	68.24000	0.0	0.0	0.0
				37.00000	59.00000	68.24000	0.0	0.0	0.0
				38.00000	59.00000	68.24000	0.0	0.0	0.0
				39.00000	59.00000	68.24000	0.0	0.0	0.0
				40.00000	59.00000	68.24000	0.0	0.0	0.0
				41.00000	59.00000	68.24000	0.0	0.0	0.0
				42.00000	59.00000	68.24000	0.0	0.0	0.0
				43.00000	59.00000	68.24000	0.0	0.0	0.0
				44.00000	59.00000	68.24000	0.0	0.0	0.0
				45.00000	59.00000	68.24000	0.0	0.0	0.0
				46.00000	59.00000	68.24000	0.0	0.0	0.0
				47.00000	59.00000	68.24000	0.74887	-3.6374	2.1053
				48.00000	59.00000	68.24000	0.77768	-3.7773	2.1742
				49.00000	59.00000	68.24000	0.80648	-3.9172	2.2395
				50.00000	59.00000	68.24000	0.83529	-4.0571	2.2996
				51.00000	59.00000	68.24000	0.15853	-4.7560	2.4484
				52.00000	59.00000	68.24000	0.15932	-4.7795	2.4488
				53.00000	59.00000	68.24000	0.16010	-4.8031	2.4486
				54.00000	59.00000	68.24000	-0.14119	-4.8006	2.4487
				55.00000	59.00000	68.24000	0.65539	-6.1376	2.9712
				56.00000	59.00000	68.24000	0.75191	-6.2804	3.1383
				57.00000	59.00000	68.24000	0.98779	-1.6850	0.87807
				58.00000	59.00000	68.24000	1.0837	-1.8487	1.0803
				59.00000	59.00000	68.24000	1.1796	-2.0123	1.2872
				60.00000	59.00000	68.24000	1.3051	-2.2264	1.4968
				61.00000	59.00000	68.24000	-0.81020	-2.9488	2.9894
				62.00000	59.00000	68.24000	-0.26582	-3.1925	2.7821
				63.00000	59.00000	68.24000	-1.5700	-0.28261	0.54000
				64.00000	59.00000	68.24000	-1.2068	-0.21723	0.28374
				65.00000	59.00000	68.24000	-0.84358	-0.15184	0.13219
				66.00000	59.00000	68.24000	-0.48035	-0.086462	0.063566
				67.00000	59.00000	68.24000	-0.11711	-0.021081	0.022966
				68.00000	59.00000	68.24000	-1.7808	-0.98669	0.96502
				69.00000	59.00000	68.24000	-1.4939	-0.82772	0.63819
				70.00000	59.00000	68.24000	-1.2070	-0.66875	0.37762
				71.00000	59.00000	68.24000	-0.92008	-0.50977	0.19966
				72.00000	59.00000	68.24000	-0.63316	-0.35080	0.10001
				73.00000	59.00000	68.24000	-0.34624	-0.19183	0.053664
				74.00000	59.00000	68.24000	-0.059316	-0.032864	0.014995
				75.00000	59.00000	68.24000	0.0	0.0	0.0
				76.00000	59.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				77.00000	59.00000	68.24000	0.0	0.0	0.0
				78.00000	59.00000	68.24000	0.0	0.0	0.0
				79.00000	59.00000	68.24000	0.0	0.0	0.0
				80.00000	59.00000	68.24000	0.0	0.0	0.0
				81.00000	59.00000	68.24000	0.0	0.0	0.0
				82.00000	59.00000	68.24000	0.0	0.0	0.0
				83.00000	59.00000	68.24000	0.0	0.0	0.0
				84.00000	59.00000	68.24000	0.0	0.0	0.0
				85.00000	59.00000	68.24000	0.0	0.0	0.0
				86.00000	59.00000	68.24000	0.0	0.0	0.0
				87.00000	59.00000	68.24000	0.0	0.0	0.0
				88.00000	59.00000	68.24000	0.0	0.0	0.0
				89.00000	59.00000	68.24000	0.0	0.0	0.0
				90.00000	59.00000	68.24000	0.0	0.0	0.0
				91.00000	59.00000	68.24000	0.0	0.0	0.0
				92.00000	59.00000	68.24000	0.0	0.0	0.0
				93.00000	59.00000	68.24000	0.0	0.0	0.0
				94.00000	59.00000	68.24000	0.0	0.0	0.0
				95.00000	59.00000	68.24000	0.0	0.0	0.0
				96.00000	59.00000	68.24000	0.0	0.0	0.0
				97.00000	59.00000	68.24000	0.0	0.0	0.0
				98.00000	59.00000	68.24000	0.0	0.0	0.0
				99.00000	59.00000	68.24000	0.0	0.0	0.0
				100.00000	59.00000	68.24000	0.0	0.0	0.0
				0.00000	60.00000	68.24000	0.0	0.0	0.0
				1.00000	60.00000	68.24000	0.0	0.0	0.0
				2.00000	60.00000	68.24000	0.0	0.0	0.0
				3.00000	60.00000	68.24000	0.0	0.0	0.0
				4.00000	60.00000	68.24000	0.0	0.0	0.0
				5.00000	60.00000	68.24000	0.0	0.0	0.0
				6.00000	60.00000	68.24000	0.0	0.0	0.0
				7.00000	60.00000	68.24000	0.0	0.0	0.0
				8.00000	60.00000	68.24000	0.0	0.0	0.0
				9.00000	60.00000	68.24000	0.0	0.0	0.0
				10.00000	60.00000	68.24000	0.0	0.0	0.0
				11.00000	60.00000	68.24000	0.0	0.0	0.0
				12.00000	60.00000	68.24000	0.0	0.0	0.0
				13.00000	60.00000	68.24000	0.0	0.0	0.0
				14.00000	60.00000	68.24000	0.0	0.0	0.0
				15.00000	60.00000	68.24000	0.0	0.0	0.0
				16.00000	60.00000	68.24000	0.0	0.0	0.0
				17.00000	60.00000	68.24000	0.0	0.0	0.0
				18.00000	60.00000	68.24000	0.0	0.0	0.0
				19.00000	60.00000	68.24000	0.0	0.0	0.0
				20.00000	60.00000	68.24000	0.0	0.0	0.0
				21.00000	60.00000	68.24000	0.0	0.0	0.0
				22.00000	60.00000	68.24000	0.0	0.0	0.0
				23.00000	60.00000	68.24000	0.0	0.0	0.0
				24.00000	60.00000	68.24000	0.0	0.0	0.0
				25.00000	60.00000	68.24000	0.0	0.0	0.0
				26.00000	60.00000	68.24000	0.0	0.0	0.0
				27.00000	60.00000	68.24000	0.0	0.0	0.0
				28.00000	60.00000	68.24000	0.0	0.0	0.0
				29.00000	60.00000	68.24000	0.0	0.0	0.0
				30.00000	60.00000	68.24000	0.0	0.0	0.0
				31.00000	60.00000	68.24000	0.0	0.0	0.0
				32.00000	60.00000	68.24000	0.0	0.0	0.0
				33.00000	60.00000	68.24000	0.0	0.0	0.0
				34.00000	60.00000	68.24000	0.0	0.0	0.0
				35.00000	60.00000	68.24000	0.0	0.0	0.0
				36.00000	60.00000	68.24000	0.0	0.0	0.0
				37.00000	60.00000	68.24000	0.0	0.0	0.0
				38.00000	60.00000	68.24000	0.0	0.0	0.0
				39.00000	60.00000	68.24000	0.0	0.0	0.0
				40.00000	60.00000	68.24000	0.0	0.0	0.0
				41.00000	60.00000	68.24000	0.0	0.0	0.0
				42.00000	60.00000	68.24000	0.0	0.0	0.0
				43.00000	60.00000	68.24000	0.0	0.0	0.0
				44.00000	60.00000	68.24000	0.0	0.0	0.0
				45.00000	60.00000	68.24000	0.0	0.0	0.0
				46.00000	60.00000	68.24000	0.0	0.0	0.0
				47.00000	60.00000	68.24000	0.60897	-2.9579	1.7452
				48.00000	60.00000	68.24000	0.63777	-3.0978	1.8216
				49.00000	60.00000	68.24000	0.66658	-3.2377	1.8969
				50.00000	60.00000	68.24000	0.0	0.0	0.0
				51.00000	60.00000	68.24000	0.13495	-4.0484	2.2618
				52.00000	60.00000	68.24000	0.13573	-4.0720	2.2718



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				53.00000	60.00000	68.24000	0.13652	-4.0956	2.2816
				54.00000	60.00000	68.24000	0.41608	-5.0080	2.4837
				55.00000	60.00000	68.24000	0.51260	-5.1508	2.5689
				56.00000	60.00000	68.24000	0.60912	-5.2936	2.6822
				57.00000	60.00000	68.24000	0.82418	-1.4060	0.56912
				58.00000	60.00000	68.24000	0.92009	-1.5696	0.74325
				59.00000	60.00000	68.24000	1.0160	-1.7332	0.93647
				60.00000	60.00000	68.24000	1.1119	-1.8968	1.1411
				61.00000	60.00000	68.24000	1.2078	-2.0604	1.3472
				62.00000	60.00000	68.24000	0.0	0.0	0.0
				63.00000	60.00000	68.24000	0.0	0.0	0.0
				64.00000	60.00000	68.24000	0.0	0.0	0.0
				65.00000	60.00000	68.24000	0.0	0.0	0.0
				66.00000	60.00000	68.24000	0.0	0.0	0.0
				67.00000	60.00000	68.24000	-0.051732	-0.0093118	0.012366
				68.00000	60.00000	68.24000	0.0	0.0	0.0
				69.00000	60.00000	68.24000	0.0	0.0	0.0
				70.00000	60.00000	68.24000	-1.0480	-0.58067	0.26862
				71.00000	60.00000	68.24000	-0.76111	-0.42170	0.13590
				72.00000	60.00000	68.24000	-0.47419	-0.26273	0.070186
				73.00000	60.00000	68.24000	-0.18727	-0.10376	0.035058
				74.00000	60.00000	68.24000	0.0	0.0	0.0
				75.00000	60.00000	68.24000	0.0	0.0	0.0
				76.00000	60.00000	68.24000	0.0	0.0	0.0
				77.00000	60.00000	68.24000	0.0	0.0	0.0
				78.00000	60.00000	68.24000	0.0	0.0	0.0
				79.00000	60.00000	68.24000	0.0	0.0	0.0
				80.00000	60.00000	68.24000	0.0	0.0	0.0
				81.00000	60.00000	68.24000	0.0	0.0	0.0
				82.00000	60.00000	68.24000	0.0	0.0	0.0
				83.00000	60.00000	68.24000	0.0	0.0	0.0
				84.00000	60.00000	68.24000	0.0	0.0	0.0
				85.00000	60.00000	68.24000	0.0	0.0	0.0
				86.00000	60.00000	68.24000	0.0	0.0	0.0
				87.00000	60.00000	68.24000	0.0	0.0	0.0
				88.00000	60.00000	68.24000	0.0	0.0	0.0
				89.00000	60.00000	68.24000	0.0	0.0	0.0
				90.00000	60.00000	68.24000	0.0	0.0	0.0
				91.00000	60.00000	68.24000	0.0	0.0	0.0
				92.00000	60.00000	68.24000	0.0	0.0	0.0
				93.00000	60.00000	68.24000	0.0	0.0	0.0
				94.00000	60.00000	68.24000	0.0	0.0	0.0
				95.00000	60.00000	68.24000	0.0	0.0	0.0
				96.00000	60.00000	68.24000	0.0	0.0	0.0
				97.00000	60.00000	68.24000	0.0	0.0	0.0
				98.00000	60.00000	68.24000	0.0	0.0	0.0
				99.00000	60.00000	68.24000	0.0	0.0	0.0
				100.00000	60.00000	68.24000	0.0	0.0	0.0
				0.00000	61.00000	68.24000	0.0	0.0	0.0
				1.00000	61.00000	68.24000	0.0	0.0	0.0
				2.00000	61.00000	68.24000	0.0	0.0	0.0
				3.00000	61.00000	68.24000	0.0	0.0	0.0
				4.00000	61.00000	68.24000	0.0	0.0	0.0
				5.00000	61.00000	68.24000	0.0	0.0	0.0
				6.00000	61.00000	68.24000	0.0	0.0	0.0
				7.00000	61.00000	68.24000	0.0	0.0	0.0
				8.00000	61.00000	68.24000	0.0	0.0	0.0
				9.00000	61.00000	68.24000	0.0	0.0	0.0
				10.00000	61.00000	68.24000	0.0	0.0	0.0
				11.00000	61.00000	68.24000	0.0	0.0	0.0
				12.00000	61.00000	68.24000	0.0	0.0	0.0
				13.00000	61.00000	68.24000	0.0	0.0	0.0
				14.00000	61.00000	68.24000	0.0	0.0	0.0
				15.00000	61.00000	68.24000	0.0	0.0	0.0
				16.00000	61.00000	68.24000	0.0	0.0	0.0
				17.00000	61.00000	68.24000	0.0	0.0	0.0
				18.00000	61.00000	68.24000	0.0	0.0	0.0
				19.00000	61.00000	68.24000	0.0	0.0	0.0
				20.00000	61.00000	68.24000	0.0	0.0	0.0
				21.00000	61.00000	68.24000	0.0	0.0	0.0
				22.00000	61.00000	68.24000	0.0	0.0	0.0
				23.00000	61.00000	68.24000	0.0	0.0	0.0
				24.00000	61.00000	68.24000	0.0	0.0	0.0
				25.00000	61.00000	68.24000	0.0	0.0	0.0
				26.00000	61.00000	68.24000	0.0	0.0	0.0
				27.00000	61.00000	68.24000	0.0	0.0	0.0
				28.00000	61.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
29.00000		61.00000	68.24000	29.00000	61.00000	68.24000	0.0	0.0	0.0
30.00000		61.00000	68.24000	30.00000	61.00000	68.24000	0.0	0.0	0.0
31.00000		61.00000	68.24000	31.00000	61.00000	68.24000	0.0	0.0	0.0
32.00000		61.00000	68.24000	32.00000	61.00000	68.24000	0.0	0.0	0.0
33.00000		61.00000	68.24000	33.00000	61.00000	68.24000	0.0	0.0	0.0
34.00000		61.00000	68.24000	34.00000	61.00000	68.24000	0.0	0.0	0.0
35.00000		61.00000	68.24000	35.00000	61.00000	68.24000	0.0	0.0	0.0
36.00000		61.00000	68.24000	36.00000	61.00000	68.24000	0.0	0.0	0.0
37.00000		61.00000	68.24000	37.00000	61.00000	68.24000	0.0	0.0	0.0
38.00000		61.00000	68.24000	38.00000	61.00000	68.24000	0.0	0.0	0.0
39.00000		61.00000	68.24000	39.00000	61.00000	68.24000	0.0	0.0	0.0
40.00000		61.00000	68.24000	40.00000	61.00000	68.24000	0.0	0.0	0.0
41.00000		61.00000	68.24000	41.00000	61.00000	68.24000	0.0	0.0	0.0
42.00000		61.00000	68.24000	42.00000	61.00000	68.24000	0.0	0.0	0.0
43.00000		61.00000	68.24000	43.00000	61.00000	68.24000	0.0	0.0	0.0
44.00000		61.00000	68.24000	44.00000	61.00000	68.24000	0.0	0.0	0.0
45.00000		61.00000	68.24000	45.00000	61.00000	68.24000	0.0	0.0	0.0
46.00000		61.00000	68.24000	46.00000	61.00000	68.24000	0.0	0.0	0.0
47.00000		61.00000	68.24000	47.00000	61.00000	68.24000	0.48142	-2.3383	1.3462
48.00000		61.00000	68.24000	48.00000	61.00000	68.24000	0.49787	-2.4182	1.4275
49.00000		61.00000	68.24000	49.00000	61.00000	68.24000	0.52668	-2.5581	1.5154
50.00000		61.00000	68.24000	50.00000	61.00000	68.24000	0.0	0.0	0.0
51.00000		61.00000	68.24000	51.00000	61.00000	68.24000	0.11136	-3.3409	1.9163
52.00000		61.00000	68.24000	52.00000	61.00000	68.24000	0.11215	-3.3644	1.9286
53.00000		61.00000	68.24000	53.00000	61.00000	68.24000	0.11293	-3.3880	1.9409
54.00000		61.00000	68.24000	54.00000	61.00000	68.24000	0.27329	-4.0212	2.0420
55.00000		61.00000	68.24000	55.00000	61.00000	68.24000	0.36981	-4.1640	2.0817
56.00000		61.00000	68.24000	56.00000	61.00000	68.24000	0.46633	-4.3068	2.1456
57.00000		61.00000	68.24000	57.00000	61.00000	68.24000	0.66057	-1.1269	0.33029
58.00000		61.00000	68.24000	58.00000	61.00000	68.24000	0.75648	-1.2905	0.46071
59.00000		61.00000	68.24000	59.00000	61.00000	68.24000	0.85239	-1.4541	0.61799
60.00000		61.00000	68.24000	60.00000	61.00000	68.24000	0.94830	-1.6177	0.79840
61.00000		61.00000	68.24000	61.00000	61.00000	68.24000	0.0	0.0	0.0
62.00000		61.00000	68.24000	62.00000	61.00000	68.24000	0.0	0.0	0.0
63.00000		61.00000	68.24000	63.00000	61.00000	68.24000	0.0	0.0	0.0
64.00000		61.00000	68.24000	64.00000	61.00000	68.24000	0.0	0.0	0.0
65.00000		61.00000	68.24000	65.00000	61.00000	68.24000	0.0	0.0	0.0
66.00000		61.00000	68.24000	66.00000	61.00000	68.24000	0.0	0.0	0.0
67.00000		61.00000	68.24000	67.00000	61.00000	68.24000	0.0	0.0	0.0
68.00000		61.00000	68.24000	68.00000	61.00000	68.24000	0.0	0.0	0.0
69.00000		61.00000	68.24000	69.00000	61.00000	68.24000	0.0	0.0	0.0
70.00000		61.00000	68.24000	70.00000	61.00000	68.24000	0.0	0.0	0.0
71.00000		61.00000	68.24000	71.00000	61.00000	68.24000	0.0	0.0	0.0
72.00000		61.00000	68.24000	72.00000	61.00000	68.24000	-0.31522	-0.17465	0.050121
73.00000		61.00000	68.24000	73.00000	61.00000	68.24000	-0.028297	-0.015678	0.0086772
74.00000		61.00000	68.24000	74.00000	61.00000	68.24000	0.0	0.0	0.0
75.00000		61.00000	68.24000	75.00000	61.00000	68.24000	0.0	0.0	0.0
76.00000		61.00000	68.24000	76.00000	61.00000	68.24000	0.0	0.0	0.0
77.00000		61.00000	68.24000	77.00000	61.00000	68.24000	0.0	0.0	0.0
78.00000		61.00000	68.24000	78.00000	61.00000	68.24000	0.0	0.0	0.0
79.00000		61.00000	68.24000	79.00000	61.00000	68.24000	0.0	0.0	0.0
80.00000		61.00000	68.24000	80.00000	61.00000	68.24000	0.0	0.0	0.0
81.00000		61.00000	68.24000	81.00000	61.00000	68.24000	0.0	0.0	0.0
82.00000		61.00000	68.24000	82.00000	61.00000	68.24000	0.0	0.0	0.0
83.00000		61.00000	68.24000	83.00000	61.00000	68.24000	0.0	0.0	0.0
84.00000		61.00000	68.24000	84.00000	61.00000	68.24000	0.0	0.0	0.0
85.00000		61.00000	68.24000	85.00000	61.00000	68.24000	0.0	0.0	0.0
86.00000		61.00000	68.24000	86.00000	61.00000	68.24000	0.0	0.0	0.0
87.00000		61.00000	68.24000	87.00000	61.00000	68.24000	0.0	0.0	0.0
88.00000		61.00000	68.24000	88.00000	61.00000	68.24000	0.0	0.0	0.0
89.00000		61.00000	68.24000	89.00000	61.00000	68.24000	0.0	0.0	0.0
90.00000		61.00000	68.24000	90.00000	61.00000	68.24000	0.0	0.0	0.0
91.00000		61.00000	68.24000	91.00000	61.00000	68.24000	0.0	0.0	0.0
92.00000		61.00000	68.24000	92.00000	61.00000	68.24000	0.0	0.0	0.0
93.00000		61.00000	68.24000	93.00000	61.00000	68.24000	0.0	0.0	0.0
94.00000		61.00000	68.24000	94.00000	61.00000	68.24000	0.0	0.0	0.0
95.00000		61.00000	68.24000	95.00000	61.00000	68.24000	0.0	0.0	0.0
96.00000		61.00000	68.24000	96.00000	61.00000	68.24000	0.0	0.0	0.0
97.00000		61.00000	68.24000	97.00000	61.00000	68.24000	0.0	0.0	0.0
98.00000		61.00000	68.24000	98.00000	61.00000	68.24000	0.0	0.0	0.0
99.00000		61.00000	68.24000	99.00000	61.00000	68.24000	0.0	0.0	0.0
100.00000		61.00000	68.24000	100.00000	61.00000	68.24000	0.0	0.0	0.0
0.00000		62.00000	68.24000	0.00000	62.00000	68.24000	0.0	0.0	0.0
1.00000		62.00000	68.24000	1.00000	62.00000	68.24000	0.0	0.0	0.0
2.00000		62.00000	68.24000	2.00000	62.00000	68.24000	0.0	0.0	0.0
3.00000		62.00000	68.24000	3.00000	62.00000	68.24000	0.0	0.0	0.0
4.00000		62.00000	68.24000	4.00000	62.00000	68.24000	0.0	0.0	0.0



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				5.00000	62.00000	68.24000	0.0	0.0	0.0
				6.00000	62.00000	68.24000	0.0	0.0	0.0
				7.00000	62.00000	68.24000	0.0	0.0	0.0
				8.00000	62.00000	68.24000	0.0	0.0	0.0
				9.00000	62.00000	68.24000	0.0	0.0	0.0
				10.00000	62.00000	68.24000	0.0	0.0	0.0
				11.00000	62.00000	68.24000	0.0	0.0	0.0
				12.00000	62.00000	68.24000	0.0	0.0	0.0
				13.00000	62.00000	68.24000	0.0	0.0	0.0
				14.00000	62.00000	68.24000	0.0	0.0	0.0
				15.00000	62.00000	68.24000	0.0	0.0	0.0
				16.00000	62.00000	68.24000	0.0	0.0	0.0
				17.00000	62.00000	68.24000	0.0	0.0	0.0
				18.00000	62.00000	68.24000	0.0	0.0	0.0
				19.00000	62.00000	68.24000	0.0	0.0	0.0
				20.00000	62.00000	68.24000	0.0	0.0	0.0
				21.00000	62.00000	68.24000	0.0	0.0	0.0
				22.00000	62.00000	68.24000	0.0	0.0	0.0
				23.00000	62.00000	68.24000	0.0	0.0	0.0
				24.00000	62.00000	68.24000	0.0	0.0	0.0
				25.00000	62.00000	68.24000	0.0	0.0	0.0
				26.00000	62.00000	68.24000	0.0	0.0	0.0
				27.00000	62.00000	68.24000	0.0	0.0	0.0
				28.00000	62.00000	68.24000	0.0	0.0	0.0
				29.00000	62.00000	68.24000	0.0	0.0	0.0
				30.00000	62.00000	68.24000	0.0	0.0	0.0
				31.00000	62.00000	68.24000	0.0	0.0	0.0
				32.00000	62.00000	68.24000	0.0	0.0	0.0
				33.00000	62.00000	68.24000	0.0	0.0	0.0
				34.00000	62.00000	68.24000	0.0	0.0	0.0
				35.00000	62.00000	68.24000	0.0	0.0	0.0
				36.00000	62.00000	68.24000	0.0	0.0	0.0
				37.00000	62.00000	68.24000	0.0	0.0	0.0
				38.00000	62.00000	68.24000	0.0	0.0	0.0
				39.00000	62.00000	68.24000	0.0	0.0	0.0
				40.00000	62.00000	68.24000	0.0	0.0	0.0
				41.00000	62.00000	68.24000	0.0	0.0	0.0
				42.00000	62.00000	68.24000	0.0	0.0	0.0
				43.00000	62.00000	68.24000	0.0	0.0	0.0
				44.00000	62.00000	68.24000	0.0	0.0	0.0
				45.00000	62.00000	68.24000	0.0	0.0	0.0
				46.00000	62.00000	68.24000	0.39210	-1.9045	0.86897
				47.00000	62.00000	68.24000	0.40735	-1.9786	0.94817
				48.00000	62.00000	68.24000	0.42260	-2.0526	1.0291
				49.00000	62.00000	68.24000	0.43785	-2.1267	1.1113
				50.00000	62.00000	68.24000	0.0	0.0	0.0
				51.00000	62.00000	68.24000	0.087777	-2.6333	1.5291
				52.00000	62.00000	68.24000	0.088563	-2.6569	1.5430
				53.00000	62.00000	68.24000	0.20269	-2.8738	1.5930
				54.00000	62.00000	68.24000	0.13050	-3.0344	1.6103
				55.00000	62.00000	68.24000	0.22702	-3.1772	1.6214
				56.00000	62.00000	68.24000	0.32354	-3.3200	1.6458
				57.00000	62.00000	68.24000	0.49697	-0.84777	0.17266
				58.00000	62.00000	68.24000	0.59288	-1.0114	0.25525
				59.00000	62.00000	68.24000	0.68878	-1.1750	0.36573
				60.00000	62.00000	68.24000	0.78469	-1.3386	0.50431
				61.00000	62.00000	68.24000	0.0	0.0	0.0
				62.00000	62.00000	68.24000	0.0	0.0	0.0
				63.00000	62.00000	68.24000	0.0	0.0	0.0
				64.00000	62.00000	68.24000	0.0	0.0	0.0
				65.00000	62.00000	68.24000	0.0	0.0	0.0
				66.00000	62.00000	68.24000	0.0	0.0	0.0
				67.00000	62.00000	68.24000	0.0	0.0	0.0
				68.00000	62.00000	68.24000	0.0	0.0	0.0
				69.00000	62.00000	68.24000	0.0	0.0	0.0
				70.00000	62.00000	68.24000	0.0	0.0	0.0
				71.00000	62.00000	68.24000	0.0	0.0	0.0
				72.00000	62.00000	68.24000	0.0	0.0	0.0
				73.00000	62.00000	68.24000	0.0	0.0	0.0
				74.00000	62.00000	68.24000	0.0	0.0	0.0
				75.00000	62.00000	68.24000	0.0	0.0	0.0
				76.00000	62.00000	68.24000	0.0	0.0	0.0
				77.00000	62.00000	68.24000	0.0	0.0	0.0
				78.00000	62.00000	68.24000	0.0	0.0	0.0
				79.00000	62.00000	68.24000	0.0	0.0	0.0
				80.00000	62.00000	68.24000	0.0	0.0	0.0
				81.00000	62.00000	68.24000	0.0	0.0	0.0

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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				82.00000	62.00000	68.24000	0.0	0.0	0.0
				83.00000	62.00000	68.24000	0.0	0.0	0.0
				84.00000	62.00000	68.24000	0.0	0.0	0.0
				85.00000	62.00000	68.24000	0.0	0.0	0.0
				86.00000	62.00000	68.24000	0.0	0.0	0.0
				87.00000	62.00000	68.24000	0.0	0.0	0.0
				88.00000	62.00000	68.24000	0.0	0.0	0.0
				89.00000	62.00000	68.24000	0.0	0.0	0.0
				90.00000	62.00000	68.24000	0.0	0.0	0.0
				91.00000	62.00000	68.24000	0.0	0.0	0.0
				92.00000	62.00000	68.24000	0.0	0.0	0.0
				93.00000	62.00000	68.24000	0.0	0.0	0.0
				94.00000	62.00000	68.24000	0.0	0.0	0.0
				95.00000	62.00000	68.24000	0.0	0.0	0.0
				96.00000	62.00000	68.24000	0.0	0.0	0.0
				97.00000	62.00000	68.24000	0.0	0.0	0.0
				98.00000	62.00000	68.24000	0.0	0.0	0.0
				99.00000	62.00000	68.24000	0.0	0.0	0.0
				100.00000	62.00000	68.24000	0.0	0.0	0.0
				0.00000	63.00000	68.24000	0.0	0.0	0.0
				1.00000	63.00000	68.24000	0.0	0.0	0.0
				2.00000	63.00000	68.24000	0.0	0.0	0.0
				3.00000	63.00000	68.24000	0.0	0.0	0.0
				4.00000	63.00000	68.24000	0.0	0.0	0.0
				5.00000	63.00000	68.24000	0.0	0.0	0.0
				6.00000	63.00000	68.24000	0.0	0.0	0.0
				7.00000	63.00000	68.24000	0.0	0.0	0.0
				8.00000	63.00000	68.24000	0.0	0.0	0.0
				9.00000	63.00000	68.24000	0.0	0.0	0.0
				10.00000	63.00000	68.24000	0.0	0.0	0.0
				11.00000	63.00000	68.24000	0.0	0.0	0.0
				12.00000	63.00000	68.24000	0.0	0.0	0.0
				13.00000	63.00000	68.24000	0.0	0.0	0.0
				14.00000	63.00000	68.24000	0.0	0.0	0.0
				15.00000	63.00000	68.24000	0.0	0.0	0.0
				16.00000	63.00000	68.24000	0.0	0.0	0.0
				17.00000	63.00000	68.24000	0.0	0.0	0.0
				18.00000	63.00000	68.24000	0.0	0.0	0.0
				19.00000	63.00000	68.24000	0.0	0.0	0.0
				20.00000	63.00000	68.24000	0.0	0.0	0.0
				21.00000	63.00000	68.24000	0.0	0.0	0.0
				22.00000	63.00000	68.24000	0.0	0.0	0.0
				23.00000	63.00000	68.24000	0.0	0.0	0.0
				24.00000	63.00000	68.24000	0.0	0.0	0.0
				25.00000	63.00000	68.24000	0.0	0.0	0.0
				26.00000	63.00000	68.24000	0.0	0.0	0.0
				27.00000	63.00000	68.24000	0.0	0.0	0.0
				28.00000	63.00000	68.24000	0.0	0.0	0.0
				29.00000	63.00000	68.24000	0.0	0.0	0.0
				30.00000	63.00000	68.24000	0.0	0.0	0.0
				31.00000	63.00000	68.24000	0.0	0.0	0.0
				32.00000	63.00000	68.24000	0.0	0.0	0.0
				33.00000	63.00000	68.24000	0.0	0.0	0.0
				34.00000	63.00000	68.24000	0.0	0.0	0.0
				35.00000	63.00000	68.24000	0.0	0.0	0.0
				36.00000	63.00000	68.24000	0.0	0.0	0.0
				37.00000	63.00000	68.24000	0.0	0.0	0.0
				38.00000	63.00000	68.24000	0.0	0.0	0.0
				39.00000	63.00000	68.24000	0.0	0.0	0.0
				40.00000	63.00000	68.24000	0.0	0.0	0.0
				41.00000	63.00000	68.24000	0.0	0.0	0.0
				42.00000	63.00000	68.24000	0.0	0.0	0.0
				43.00000	63.00000	68.24000	0.0	0.0	0.0
				44.00000	63.00000	68.24000	0.0	0.0	0.0
				45.00000	63.00000	68.24000	0.0	0.0	0.0
				46.00000	63.00000	68.24000	0.31804	-1.5447	0.52500
				47.00000	63.00000	68.24000	0.33328	-1.6188	0.58906
				48.00000	63.00000	68.24000	0.34853	-1.6929	0.65694
				49.00000	63.00000	68.24000	0.36378	-1.7669	0.72834
				50.00000	63.00000	68.24000	0.0	0.0	0.0
				51.00000	63.00000	68.24000	0.072492	-2.1748	1.1164
				52.00000	63.00000	68.24000	0.072908	-2.1873	1.1300
				53.00000	63.00000	68.24000	0.073325	-2.1997	1.1437
				54.00000	63.00000	68.24000	-0.019011	-2.2760	1.1603
				55.00000	63.00000	68.24000	0.077220	-2.4286	1.1717
				56.00000	63.00000	68.24000	0.17345	-2.5812	1.1790
				57.00000	63.00000	68.24000	0.33336	-0.56868	0.087798



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				58.00000	63.00000	68.24000	0.42927	-0.73228	0.12988
				59.00000	63.00000	68.24000	0.52518	-0.89589	0.19416
				60.00000	63.00000	68.24000	0.0	0.0	0.0
				61.00000	63.00000	68.24000	0.0	0.0	0.0
				62.00000	63.00000	68.24000	0.0	0.0	0.0
				63.00000	63.00000	68.24000	0.0	0.0	0.0
				64.00000	63.00000	68.24000	0.0	0.0	0.0
				65.00000	63.00000	68.24000	0.0	0.0	0.0
				66.00000	63.00000	68.24000	0.0	0.0	0.0
				67.00000	63.00000	68.24000	0.0	0.0	0.0
				68.00000	63.00000	68.24000	0.0	0.0	0.0
				69.00000	63.00000	68.24000	0.0	0.0	0.0
				70.00000	63.00000	68.24000	0.0	0.0	0.0
				71.00000	63.00000	68.24000	0.0	0.0	0.0
				72.00000	63.00000	68.24000	0.0	0.0	0.0
				73.00000	63.00000	68.24000	0.0	0.0	0.0
				74.00000	63.00000	68.24000	0.0	0.0	0.0
				75.00000	63.00000	68.24000	0.0	0.0	0.0
				76.00000	63.00000	68.24000	0.0	0.0	0.0
				77.00000	63.00000	68.24000	0.0	0.0	0.0
				78.00000	63.00000	68.24000	0.0	0.0	0.0
				79.00000	63.00000	68.24000	0.0	0.0	0.0
				80.00000	63.00000	68.24000	0.0	0.0	0.0
				81.00000	63.00000	68.24000	0.0	0.0	0.0
				82.00000	63.00000	68.24000	0.0	0.0	0.0
				83.00000	63.00000	68.24000	0.0	0.0	0.0
				84.00000	63.00000	68.24000	0.0	0.0	0.0
				85.00000	63.00000	68.24000	0.0	0.0	0.0
				86.00000	63.00000	68.24000	0.0	0.0	0.0
				87.00000	63.00000	68.24000	0.0	0.0	0.0
				88.00000	63.00000	68.24000	0.0	0.0	0.0
				89.00000	63.00000	68.24000	0.0	0.0	0.0
				90.00000	63.00000	68.24000	0.0	0.0	0.0
				91.00000	63.00000	68.24000	0.0	0.0	0.0
				92.00000	63.00000	68.24000	0.0	0.0	0.0
				93.00000	63.00000	68.24000	0.0	0.0	0.0
				94.00000	63.00000	68.24000	0.0	0.0	0.0
				95.00000	63.00000	68.24000	0.0	0.0	0.0
				96.00000	63.00000	68.24000	0.0	0.0	0.0
				97.00000	63.00000	68.24000	0.0	0.0	0.0
				98.00000	63.00000	68.24000	0.0	0.0	0.0
				99.00000	63.00000	68.24000	0.0	0.0	0.0
				100.00000	63.00000	68.24000	0.0	0.0	0.0
				0.00000	64.00000	68.24000	0.0	0.0	0.0
				1.00000	64.00000	68.24000	0.0	0.0	0.0
				2.00000	64.00000	68.24000	0.0	0.0	0.0
				3.00000	64.00000	68.24000	0.0	0.0	0.0
				4.00000	64.00000	68.24000	0.0	0.0	0.0
				5.00000	64.00000	68.24000	0.0	0.0	0.0
				6.00000	64.00000	68.24000	0.0	0.0	0.0
				7.00000	64.00000	68.24000	0.0	0.0	0.0
				8.00000	64.00000	68.24000	0.0	0.0	0.0
				9.00000	64.00000	68.24000	0.0	0.0	0.0
				10.00000	64.00000	68.24000	0.0	0.0	0.0
				11.00000	64.00000	68.24000	0.0	0.0	0.0
				12.00000	64.00000	68.24000	0.0	0.0	0.0
				13.00000	64.00000	68.24000	0.0	0.0	0.0
				14.00000	64.00000	68.24000	0.0	0.0	0.0
				15.00000	64.00000	68.24000	0.0	0.0	0.0
				16.00000	64.00000	68.24000	0.0	0.0	0.0
				17.00000	64.00000	68.24000	0.0	0.0	0.0
				18.00000	64.00000	68.24000	0.0	0.0	0.0
				19.00000	64.00000	68.24000	0.0	0.0	0.0
				20.00000	64.00000	68.24000	0.0	0.0	0.0
				21.00000	64.00000	68.24000	0.0	0.0	0.0
				22.00000	64.00000	68.24000	0.0	0.0	0.0
				23.00000	64.00000	68.24000	0.0	0.0	0.0
				24.00000	64.00000	68.24000	0.0	0.0	0.0
				25.00000	64.00000	68.24000	0.0	0.0	0.0
				26.00000	64.00000	68.24000	0.0	0.0	0.0
				27.00000	64.00000	68.24000	0.0	0.0	0.0
				28.00000	64.00000	68.24000	0.0	0.0	0.0
				29.00000	64.00000	68.24000	0.0	0.0	0.0
				30.00000	64.00000	68.24000	0.0	0.0	0.0
				31.00000	64.00000	68.24000	0.0	0.0	0.0
				32.00000	64.00000	68.24000	0.0	0.0	0.0
				33.00000	64.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
34.00000		64.00000	68.24000	34.00000	64.00000	68.24000	0.0	0.0	0.0
35.00000		64.00000	68.24000	35.00000	64.00000	68.24000	0.0	0.0	0.0
36.00000		64.00000	68.24000	36.00000	64.00000	68.24000	0.0	0.0	0.0
37.00000		64.00000	68.24000	37.00000	64.00000	68.24000	0.0	0.0	0.0
38.00000		64.00000	68.24000	38.00000	64.00000	68.24000	0.0	0.0	0.0
39.00000		64.00000	68.24000	39.00000	64.00000	68.24000	0.0	0.0	0.0
40.00000		64.00000	68.24000	40.00000	64.00000	68.24000	0.0	0.0	0.0
41.00000		64.00000	68.24000	41.00000	64.00000	68.24000	0.0	0.0	0.0
42.00000		64.00000	68.24000	42.00000	64.00000	68.24000	0.0	0.0	0.0
43.00000		64.00000	68.24000	43.00000	64.00000	68.24000	0.0	0.0	0.0
44.00000		64.00000	68.24000	44.00000	64.00000	68.24000	0.0	0.0	0.0
45.00000		64.00000	68.24000	45.00000	64.00000	68.24000	0.0	0.0	0.0
46.00000		64.00000	68.24000	46.00000	64.00000	68.24000	0.24397	-1.1850	0.27485
47.00000		64.00000	68.24000	47.00000	64.00000	68.24000	0.25922	-1.2591	0.31773
48.00000		64.00000	68.24000	48.00000	64.00000	68.24000	0.27447	-1.3331	0.36514
49.00000		64.00000	68.24000	49.00000	64.00000	68.24000	0.28972	-1.4072	0.41704
50.00000		64.00000	68.24000	50.00000	64.00000	68.24000	0.0	0.0	0.0
51.00000		64.00000	68.24000	51.00000	64.00000	68.24000	0.060006	-1.8002	0.72562
52.00000		64.00000	68.24000	52.00000	64.00000	68.24000	0.060422	-1.8127	0.73771
53.00000		64.00000	68.24000	53.00000	64.00000	68.24000	0.060838	-1.8252	0.74989
54.00000		64.00000	68.24000	54.00000	64.00000	68.24000	-0.053632	-1.8235	0.74806
55.00000		64.00000	68.24000	55.00000	64.00000	68.24000	-0.053308	-1.8125	0.73732
56.00000		64.00000	68.24000	56.00000	64.00000	68.24000	0.020865	-1.9274	0.75336
57.00000		64.00000	68.24000	57.00000	64.00000	68.24000	0.16976	-0.28958	0.047680
58.00000		64.00000	68.24000	58.00000	64.00000	68.24000	0.26566	-0.45319	0.068046
59.00000		64.00000	68.24000	59.00000	64.00000	68.24000	0.36157	-0.61680	0.098207
60.00000		64.00000	68.24000	60.00000	64.00000	68.24000	0.0	0.0	0.0
61.00000		64.00000	68.24000	61.00000	64.00000	68.24000	0.0	0.0	0.0
62.00000		64.00000	68.24000	62.00000	64.00000	68.24000	0.0	0.0	0.0
63.00000		64.00000	68.24000	63.00000	64.00000	68.24000	0.0	0.0	0.0
64.00000		64.00000	68.24000	64.00000	64.00000	68.24000	0.0	0.0	0.0
65.00000		64.00000	68.24000	65.00000	64.00000	68.24000	0.0	0.0	0.0
66.00000		64.00000	68.24000	66.00000	64.00000	68.24000	0.0	0.0	0.0
67.00000		64.00000	68.24000	67.00000	64.00000	68.24000	0.0	0.0	0.0
68.00000		64.00000	68.24000	68.00000	64.00000	68.24000	0.0	0.0	0.0
69.00000		64.00000	68.24000	69.00000	64.00000	68.24000	0.0	0.0	0.0
70.00000		64.00000	68.24000	70.00000	64.00000	68.24000	0.0	0.0	0.0
71.00000		64.00000	68.24000	71.00000	64.00000	68.24000	0.0	0.0	0.0
72.00000		64.00000	68.24000	72.00000	64.00000	68.24000	0.0	0.0	0.0
73.00000		64.00000	68.24000	73.00000	64.00000	68.24000	0.0	0.0	0.0
74.00000		64.00000	68.24000	74.00000	64.00000	68.24000	0.0	0.0	0.0
75.00000		64.00000	68.24000	75.00000	64.00000	68.24000	0.0	0.0	0.0
76.00000		64.00000	68.24000	76.00000	64.00000	68.24000	0.0	0.0	0.0
77.00000		64.00000	68.24000	77.00000	64.00000	68.24000	0.0	0.0	0.0
78.00000		64.00000	68.24000	78.00000	64.00000	68.24000	0.0	0.0	0.0
79.00000		64.00000	68.24000	79.00000	64.00000	68.24000	0.0	0.0	0.0
80.00000		64.00000	68.24000	80.00000	64.00000	68.24000	0.0	0.0	0.0
81.00000		64.00000	68.24000	81.00000	64.00000	68.24000	0.0	0.0	0.0
82.00000		64.00000	68.24000	82.00000	64.00000	68.24000	0.0	0.0	0.0
83.00000		64.00000	68.24000	83.00000	64.00000	68.24000	0.0	0.0	0.0
84.00000		64.00000	68.24000	84.00000	64.00000	68.24000	0.0	0.0	0.0
85.00000		64.00000	68.24000	85.00000	64.00000	68.24000	0.0	0.0	0.0
86.00000		64.00000	68.24000	86.00000	64.00000	68.24000	0.0	0.0	0.0
87.00000		64.00000	68.24000	87.00000	64.00000	68.24000	0.0	0.0	0.0
88.00000		64.00000	68.24000	88.00000	64.00000	68.24000	0.0	0.0	0.0
89.00000		64.00000	68.24000	89.00000	64.00000	68.24000	0.0	0.0	0.0
90.00000		64.00000	68.24000	90.00000	64.00000	68.24000	0.0	0.0	0.0
91.00000		64.00000	68.24000	91.00000	64.00000	68.24000	0.0	0.0	0.0
92.00000		64.00000	68.24000	92.00000	64.00000	68.24000	0.0	0.0	0.0
93.00000		64.00000	68.24000	93.00000	64.00000	68.24000	0.0	0.0	0.0
94.00000		64.00000	68.24000	94.00000	64.00000	68.24000	0.0	0.0	0.0
95.00000		64.00000	68.24000	95.00000	64.00000	68.24000	0.0	0.0	0.0
96.00000		64.00000	68.24000	96.00000	64.00000	68.24000	0.0	0.0	0.0
97.00000		64.00000	68.24000	97.00000	64.00000	68.24000	0.0	0.0	0.0
98.00000		64.00000	68.24000	98.00000	64.00000	68.24000	0.0	0.0	0.0
99.00000		64.00000	68.24000	99.00000	64.00000	68.24000	0.0	0.0	0.0
100.00000		64.00000	68.24000	100.00000	64.00000	68.24000	0.0	0.0	0.0
0.00000		65.00000	68.24000	0.00000	65.00000	68.24000	0.0	0.0	0.0
1.00000		65.00000	68.24000	1.00000	65.00000	68.24000	0.0	0.0	0.0
2.00000		65.00000	68.24000	2.00000	65.00000	68.24000	0.0	0.0	0.0
3.00000		65.00000	68.24000	3.00000	65.00000	68.24000	0.0	0.0	0.0
4.00000		65.00000	68.24000	4.00000	65.00000	68.24000	0.0	0.0	0.0
5.00000		65.00000	68.24000	5.00000	65.00000	68.24000	0.0	0.0	0.0
6.00000		65.00000	68.24000	6.00000	65.00000	68.24000	0.0	0.0	0.0
7.00000		65.00000	68.24000	7.00000	65.00000	68.24000	0.0	0.0	0.0
8.00000		65.00000	68.24000	8.00000	65.00000	68.24000	0.0	0.0	0.0
9.00000		65.00000	68.24000	9.00000	65.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				10.00000	65.00000	68.24000	0.0	0.0	0.0
				11.00000	65.00000	68.24000	0.0	0.0	0.0
				12.00000	65.00000	68.24000	0.0	0.0	0.0
				13.00000	65.00000	68.24000	0.0	0.0	0.0
				14.00000	65.00000	68.24000	0.0	0.0	0.0
				15.00000	65.00000	68.24000	0.0	0.0	0.0
				16.00000	65.00000	68.24000	0.0	0.0	0.0
				17.00000	65.00000	68.24000	0.0	0.0	0.0
				18.00000	65.00000	68.24000	0.0	0.0	0.0
				19.00000	65.00000	68.24000	0.0	0.0	0.0
				20.00000	65.00000	68.24000	0.0	0.0	0.0
				21.00000	65.00000	68.24000	0.0	0.0	0.0
				22.00000	65.00000	68.24000	0.0	0.0	0.0
				23.00000	65.00000	68.24000	0.0	0.0	0.0
				24.00000	65.00000	68.24000	0.0	0.0	0.0
				25.00000	65.00000	68.24000	0.0	0.0	0.0
				26.00000	65.00000	68.24000	0.0	0.0	0.0
				27.00000	65.00000	68.24000	0.0	0.0	0.0
				28.00000	65.00000	68.24000	0.0	0.0	0.0
				29.00000	65.00000	68.24000	0.0	0.0	0.0
				30.00000	65.00000	68.24000	0.0	0.0	0.0
				31.00000	65.00000	68.24000	0.0	0.0	0.0
				32.00000	65.00000	68.24000	0.0	0.0	0.0
				33.00000	65.00000	68.24000	0.0	0.0	0.0
				34.00000	65.00000	68.24000	0.0	0.0	0.0
				35.00000	65.00000	68.24000	0.0	0.0	0.0
				36.00000	65.00000	68.24000	0.0	0.0	0.0
				37.00000	65.00000	68.24000	0.0	0.0	0.0
				38.00000	65.00000	68.24000	0.0	0.0	0.0
				39.00000	65.00000	68.24000	0.0	0.0	0.0
				40.00000	65.00000	68.24000	0.0	0.0	0.0
				41.00000	65.00000	68.24000	0.0	0.0	0.0
				42.00000	65.00000	68.24000	0.0	0.0	0.0
				43.00000	65.00000	68.24000	0.0	0.0	0.0
				44.00000	65.00000	68.24000	0.0	0.0	0.0
				45.00000	65.00000	68.24000	0.0	0.0	0.0
				46.00000	65.00000	68.24000	0.16990	-0.82524	0.12816
				47.00000	65.00000	68.24000	0.18515	-0.89931	0.15054
				48.00000	65.00000	68.24000	0.20040	-0.97337	0.17676
				49.00000	65.00000	68.24000	0.0	0.0	0.0
				50.00000	65.00000	68.24000	0.0	0.0	0.0
				51.00000	65.00000	68.24000	0.047520	-1.4256	0.40970
				52.00000	65.00000	68.24000	0.047936	-1.4381	0.41860
				53.00000	65.00000	68.24000	0.048352	-1.4506	0.42762
				54.00000	65.00000	68.24000	-0.042613	-1.4488	0.42623
				55.00000	65.00000	68.24000	-0.042288	-1.4378	0.41828
				56.00000	65.00000	68.24000	-0.041964	-1.4268	0.41042
				57.00000	65.00000	68.24000	0.0061502	-0.010492	0.0047454
				58.00000	65.00000	68.24000	0.10206	-0.17410	0.033648
				59.00000	65.00000	68.24000	0.0	0.0	0.0
				60.00000	65.00000	68.24000	0.0	0.0	0.0
				61.00000	65.00000	68.24000	0.0	0.0	0.0
				62.00000	65.00000	68.24000	0.0	0.0	0.0
				63.00000	65.00000	68.24000	0.0	0.0	0.0
				64.00000	65.00000	68.24000	0.0	0.0	0.0
				65.00000	65.00000	68.24000	0.0	0.0	0.0
				66.00000	65.00000	68.24000	0.0	0.0	0.0
				67.00000	65.00000	68.24000	0.0	0.0	0.0
				68.00000	65.00000	68.24000	0.0	0.0	0.0
				69.00000	65.00000	68.24000	0.0	0.0	0.0
				70.00000	65.00000	68.24000	0.0	0.0	0.0
				71.00000	65.00000	68.24000	0.0	0.0	0.0
				72.00000	65.00000	68.24000	0.0	0.0	0.0
				73.00000	65.00000	68.24000	0.0	0.0	0.0
				74.00000	65.00000	68.24000	0.0	0.0	0.0
				75.00000	65.00000	68.24000	0.0	0.0	0.0
				76.00000	65.00000	68.24000	0.0	0.0	0.0
				77.00000	65.00000	68.24000	0.0	0.0	0.0
				78.00000	65.00000	68.24000	0.0	0.0	0.0
				79.00000	65.00000	68.24000	0.0	0.0	0.0
				80.00000	65.00000	68.24000	0.0	0.0	0.0
				81.00000	65.00000	68.24000	0.0	0.0	0.0
				82.00000	65.00000	68.24000	0.0	0.0	0.0
				83.00000	65.00000	68.24000	0.0	0.0	0.0
				84.00000	65.00000	68.24000	0.0	0.0	0.0
				85.00000	65.00000	68.24000	0.0	0.0	0.0
				86.00000	65.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
87.00000		65.00000		68.24000			0.0	0.0	0.0
88.00000		65.00000		68.24000			0.0	0.0	0.0
89.00000		65.00000		68.24000			0.0	0.0	0.0
90.00000		65.00000		68.24000			0.0	0.0	0.0
91.00000		65.00000		68.24000			0.0	0.0	0.0
92.00000		65.00000		68.24000			0.0	0.0	0.0
93.00000		65.00000		68.24000			0.0	0.0	0.0
94.00000		65.00000		68.24000			0.0	0.0	0.0
95.00000		65.00000		68.24000			0.0	0.0	0.0
96.00000		65.00000		68.24000			0.0	0.0	0.0
97.00000		65.00000		68.24000			0.0	0.0	0.0
98.00000		65.00000		68.24000			0.0	0.0	0.0
99.00000		65.00000		68.24000			0.0	0.0	0.0
100.00000		65.00000		68.24000			0.0	0.0	0.0
0.00000		66.00000		68.24000			0.0	0.0	0.0
1.00000		66.00000		68.24000			0.0	0.0	0.0
2.00000		66.00000		68.24000			0.0	0.0	0.0
3.00000		66.00000		68.24000			0.0	0.0	0.0
4.00000		66.00000		68.24000			0.0	0.0	0.0
5.00000		66.00000		68.24000			0.0	0.0	0.0
6.00000		66.00000		68.24000			0.0	0.0	0.0
7.00000		66.00000		68.24000			0.0	0.0	0.0
8.00000		66.00000		68.24000			0.0	0.0	0.0
9.00000		66.00000		68.24000			0.0	0.0	0.0
10.00000		66.00000		68.24000			0.0	0.0	0.0
11.00000		66.00000		68.24000			0.0	0.0	0.0
12.00000		66.00000		68.24000			0.0	0.0	0.0
13.00000		66.00000		68.24000			0.0	0.0	0.0
14.00000		66.00000		68.24000			0.0	0.0	0.0
15.00000		66.00000		68.24000			0.0	0.0	0.0
16.00000		66.00000		68.24000			0.0	0.0	0.0
17.00000		66.00000		68.24000			0.0	0.0	0.0
18.00000		66.00000		68.24000			0.0	0.0	0.0
19.00000		66.00000		68.24000			0.0	0.0	0.0
20.00000		66.00000		68.24000			0.0	0.0	0.0
21.00000		66.00000		68.24000			0.0	0.0	0.0
22.00000		66.00000		68.24000			0.0	0.0	0.0
23.00000		66.00000		68.24000			0.0	0.0	0.0
24.00000		66.00000		68.24000			0.0	0.0	0.0
25.00000		66.00000		68.24000			0.0	0.0	0.0
26.00000		66.00000		68.24000			0.0	0.0	0.0
27.00000		66.00000		68.24000			0.0	0.0	0.0
28.00000		66.00000		68.24000			0.0	0.0	0.0
29.00000		66.00000		68.24000			0.0	0.0	0.0
30.00000		66.00000		68.24000			0.0	0.0	0.0
31.00000		66.00000		68.24000			0.0	0.0	0.0
32.00000		66.00000		68.24000			0.0	0.0	0.0
33.00000		66.00000		68.24000			0.0	0.0	0.0
34.00000		66.00000		68.24000			0.0	0.0	0.0
35.00000		66.00000		68.24000			0.0	0.0	0.0
36.00000		66.00000		68.24000			0.0	0.0	0.0
37.00000		66.00000		68.24000			0.0	0.0	0.0
38.00000		66.00000		68.24000			0.0	0.0	0.0
39.00000		66.00000		68.24000			0.0	0.0	0.0
40.00000		66.00000		68.24000			0.0	0.0	0.0
41.00000		66.00000		68.24000			0.0	0.0	0.0
42.00000		66.00000		68.24000			0.0	0.0	0.0
43.00000		66.00000		68.24000			0.0	0.0	0.0
44.00000		66.00000		68.24000			0.0	0.0	0.0
45.00000		66.00000		68.24000			0.0	0.0	0.0
46.00000		66.00000		68.24000			0.095836	-0.46549	0.062102
47.00000		66.00000		68.24000			0.11109	-0.53956	0.071337
48.00000		66.00000		68.24000			0.12633	-0.61362	0.082350
49.00000		66.00000		68.24000			0.0	0.0	0.0
50.00000		66.00000		68.24000			0.0	0.0	0.0
51.00000		66.00000		68.24000			0.035034	-1.0510	0.19955
52.00000		66.00000		68.24000			0.035450	-1.0635	0.20480
53.00000		66.00000		68.24000			0.035866	-1.0760	0.21017
54.00000		66.00000		68.24000			-0.031593	-1.0742	0.20932
55.00000		66.00000		68.24000			-0.031269	-1.0631	0.20459
56.00000		66.00000		68.24000			-0.030944	-1.0521	0.19996
57.00000		66.00000		68.24000			-0.030620	-1.0411	0.19541
58.00000		66.00000		68.24000			0.0	0.0	0.0
59.00000		66.00000		68.24000			0.0	0.0	0.0
60.00000		66.00000		68.24000			0.0	0.0	0.0
61.00000		66.00000		68.24000			0.0	0.0	0.0
62.00000		66.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				63.00000	66.00000	68.24000	0.0	0.0	0.0
				64.00000	66.00000	68.24000	0.0	0.0	0.0
				65.00000	66.00000	68.24000	0.0	0.0	0.0
				66.00000	66.00000	68.24000	0.0	0.0	0.0
				67.00000	66.00000	68.24000	0.0	0.0	0.0
				68.00000	66.00000	68.24000	0.0	0.0	0.0
				69.00000	66.00000	68.24000	0.0	0.0	0.0
				70.00000	66.00000	68.24000	0.0	0.0	0.0
				71.00000	66.00000	68.24000	0.0	0.0	0.0
				72.00000	66.00000	68.24000	0.0	0.0	0.0
				73.00000	66.00000	68.24000	0.0	0.0	0.0
				74.00000	66.00000	68.24000	0.0	0.0	0.0
				75.00000	66.00000	68.24000	0.0	0.0	0.0
				76.00000	66.00000	68.24000	0.0	0.0	0.0
				77.00000	66.00000	68.24000	0.0	0.0	0.0
				78.00000	66.00000	68.24000	0.0	0.0	0.0
				79.00000	66.00000	68.24000	0.0	0.0	0.0
				80.00000	66.00000	68.24000	0.0	0.0	0.0
				81.00000	66.00000	68.24000	0.0	0.0	0.0
				82.00000	66.00000	68.24000	0.0	0.0	0.0
				83.00000	66.00000	68.24000	0.0	0.0	0.0
				84.00000	66.00000	68.24000	0.0	0.0	0.0
				85.00000	66.00000	68.24000	0.0	0.0	0.0
				86.00000	66.00000	68.24000	0.0	0.0	0.0
				87.00000	66.00000	68.24000	0.0	0.0	0.0
				88.00000	66.00000	68.24000	0.0	0.0	0.0
				89.00000	66.00000	68.24000	0.0	0.0	0.0
				90.00000	66.00000	68.24000	0.0	0.0	0.0
				91.00000	66.00000	68.24000	0.0	0.0	0.0
				92.00000	66.00000	68.24000	0.0	0.0	0.0
				93.00000	66.00000	68.24000	0.0	0.0	0.0
				94.00000	66.00000	68.24000	0.0	0.0	0.0
				95.00000	66.00000	68.24000	0.0	0.0	0.0
				96.00000	66.00000	68.24000	0.0	0.0	0.0
				97.00000	66.00000	68.24000	0.0	0.0	0.0
				98.00000	66.00000	68.24000	0.0	0.0	0.0
				99.00000	66.00000	68.24000	0.0	0.0	0.0
				100.00000	66.00000	68.24000	0.0	0.0	0.0
				0.00000	67.00000	68.24000	0.0	0.0	0.0
				1.00000	67.00000	68.24000	0.0	0.0	0.0
				2.00000	67.00000	68.24000	0.0	0.0	0.0
				3.00000	67.00000	68.24000	0.0	0.0	0.0
				4.00000	67.00000	68.24000	0.0	0.0	0.0
				5.00000	67.00000	68.24000	0.0	0.0	0.0
				6.00000	67.00000	68.24000	0.0	0.0	0.0
				7.00000	67.00000	68.24000	0.0	0.0	0.0
				8.00000	67.00000	68.24000	0.0	0.0	0.0
				9.00000	67.00000	68.24000	0.0	0.0	0.0
				10.00000	67.00000	68.24000	0.0	0.0	0.0
				11.00000	67.00000	68.24000	0.0	0.0	0.0
				12.00000	67.00000	68.24000	0.0	0.0	0.0
				13.00000	67.00000	68.24000	0.0	0.0	0.0
				14.00000	67.00000	68.24000	0.0	0.0	0.0
				15.00000	67.00000	68.24000	0.0	0.0	0.0
				16.00000	67.00000	68.24000	0.0	0.0	0.0
				17.00000	67.00000	68.24000	0.0	0.0	0.0
				18.00000	67.00000	68.24000	0.0	0.0	0.0
				19.00000	67.00000	68.24000	0.0	0.0	0.0
				20.00000	67.00000	68.24000	0.0	0.0	0.0
				21.00000	67.00000	68.24000	0.0	0.0	0.0
				22.00000	67.00000	68.24000	0.0	0.0	0.0
				23.00000	67.00000	68.24000	0.0	0.0	0.0
				24.00000	67.00000	68.24000	0.0	0.0	0.0
				25.00000	67.00000	68.24000	0.0	0.0	0.0
				26.00000	67.00000	68.24000	0.0	0.0	0.0
				27.00000	67.00000	68.24000	0.0	0.0	0.0
				28.00000	67.00000	68.24000	0.0	0.0	0.0
				29.00000	67.00000	68.24000	0.0	0.0	0.0
				30.00000	67.00000	68.24000	0.0	0.0	0.0
				31.00000	67.00000	68.24000	0.0	0.0	0.0
				32.00000	67.00000	68.24000	0.0	0.0	0.0
				33.00000	67.00000	68.24000	0.0	0.0	0.0
				34.00000	67.00000	68.24000	0.0	0.0	0.0
				35.00000	67.00000	68.24000	0.0	0.0	0.0
				36.00000	67.00000	68.24000	0.0	0.0	0.0
				37.00000	67.00000	68.24000	0.0	0.0	0.0
				38.00000	67.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
39.00000		67.00000	68.24000	39.00000	67.00000	68.24000	0.0	0.0	0.0
40.00000		67.00000	68.24000	40.00000	67.00000	68.24000	0.0	0.0	0.0
41.00000		67.00000	68.24000	41.00000	67.00000	68.24000	0.0	0.0	0.0
42.00000		67.00000	68.24000	42.00000	67.00000	68.24000	0.0	0.0	0.0
43.00000		67.00000	68.24000	43.00000	67.00000	68.24000	0.0	0.0	0.0
44.00000		67.00000	68.24000	44.00000	67.00000	68.24000	0.0	0.0	0.0
45.00000		67.00000	68.24000	45.00000	67.00000	68.24000	0.0065209	-0.031673	0.0086748
46.00000		67.00000	68.24000	46.00000	67.00000	68.24000	0.021770	-0.10574	0.021350
47.00000		67.00000	68.24000	47.00000	67.00000	68.24000	0.037019	-0.17981	0.031486
48.00000		67.00000	68.24000	48.00000	67.00000	68.24000	0.052268	-0.25387	0.039960
49.00000		67.00000	68.24000	49.00000	67.00000	68.24000	0.0	0.0	0.0
50.00000		67.00000	68.24000	50.00000	67.00000	68.24000	0.0	0.0	0.0
51.00000		67.00000	68.24000	51.00000	67.00000	68.24000	0.022548	-0.67643	0.090929
52.00000		67.00000	68.24000	52.00000	67.00000	68.24000	0.022964	-0.68892	0.093235
53.00000		67.00000	68.24000	53.00000	67.00000	68.24000	0.023380	-0.70140	0.095615
54.00000		67.00000	68.24000	54.00000	67.00000	68.24000	-0.020573	-0.69948	0.095227
55.00000		67.00000	68.24000	55.00000	67.00000	68.24000	-0.020249	-0.68846	0.093133
56.00000		67.00000	68.24000	56.00000	67.00000	68.24000	-0.019925	-0.67744	0.091097
57.00000		67.00000	68.24000	57.00000	67.00000	68.24000	-0.019601	-0.66642	0.089117
58.00000		67.00000	68.24000	58.00000	67.00000	68.24000	0.0	0.0	0.0
59.00000		67.00000	68.24000	59.00000	67.00000	68.24000	0.0	0.0	0.0
60.00000		67.00000	68.24000	60.00000	67.00000	68.24000	0.0	0.0	0.0
61.00000		67.00000	68.24000	61.00000	67.00000	68.24000	0.0	0.0	0.0
62.00000		67.00000	68.24000	62.00000	67.00000	68.24000	0.0	0.0	0.0
63.00000		67.00000	68.24000	63.00000	67.00000	68.24000	0.0	0.0	0.0
64.00000		67.00000	68.24000	64.00000	67.00000	68.24000	0.0	0.0	0.0
65.00000		67.00000	68.24000	65.00000	67.00000	68.24000	0.0	0.0	0.0
66.00000		67.00000	68.24000	66.00000	67.00000	68.24000	0.0	0.0	0.0
67.00000		67.00000	68.24000	67.00000	67.00000	68.24000	0.0	0.0	0.0
68.00000		67.00000	68.24000	68.00000	67.00000	68.24000	0.0	0.0	0.0
69.00000		67.00000	68.24000	69.00000	67.00000	68.24000	0.0	0.0	0.0
70.00000		67.00000	68.24000	70.00000	67.00000	68.24000	0.0	0.0	0.0
71.00000		67.00000	68.24000	71.00000	67.00000	68.24000	0.0	0.0	0.0
72.00000		67.00000	68.24000	72.00000	67.00000	68.24000	0.0	0.0	0.0
73.00000		67.00000	68.24000	73.00000	67.00000	68.24000	0.0	0.0	0.0
74.00000		67.00000	68.24000	74.00000	67.00000	68.24000	0.0	0.0	0.0
75.00000		67.00000	68.24000	75.00000	67.00000	68.24000	0.0	0.0	0.0
76.00000		67.00000	68.24000	76.00000	67.00000	68.24000	0.0	0.0	0.0
77.00000		67.00000	68.24000	77.00000	67.00000	68.24000	0.0	0.0	0.0
78.00000		67.00000	68.24000	78.00000	67.00000	68.24000	0.0	0.0	0.0
79.00000		67.00000	68.24000	79.00000	67.00000	68.24000	0.0	0.0	0.0
80.00000		67.00000	68.24000	80.00000	67.00000	68.24000	0.0	0.0	0.0
81.00000		67.00000	68.24000	81.00000	67.00000	68.24000	0.0	0.0	0.0
82.00000		67.00000	68.24000	82.00000	67.00000	68.24000	0.0	0.0	0.0
83.00000		67.00000	68.24000	83.00000	67.00000	68.24000	0.0	0.0	0.0
84.00000		67.00000	68.24000	84.00000	67.00000	68.24000	0.0	0.0	0.0
85.00000		67.00000	68.24000	85.00000	67.00000	68.24000	0.0	0.0	0.0
86.00000		67.00000	68.24000	86.00000	67.00000	68.24000	0.0	0.0	0.0
87.00000		67.00000	68.24000	87.00000	67.00000	68.24000	0.0	0.0	0.0
88.00000		67.00000	68.24000	88.00000	67.00000	68.24000	0.0	0.0	0.0
89.00000		67.00000	68.24000	89.00000	67.00000	68.24000	0.0	0.0	0.0
90.00000		67.00000	68.24000	90.00000	67.00000	68.24000	0.0	0.0	0.0
91.00000		67.00000	68.24000	91.00000	67.00000	68.24000	0.0	0.0	0.0
92.00000		67.00000	68.24000	92.00000	67.00000	68.24000	0.0	0.0	0.0
93.00000		67.00000	68.24000	93.00000	67.00000	68.24000	0.0	0.0	0.0
94.00000		67.00000	68.24000	94.00000	67.00000	68.24000	0.0	0.0	0.0
95.00000		67.00000	68.24000	95.00000	67.00000	68.24000	0.0	0.0	0.0
96.00000		67.00000	68.24000	96.00000	67.00000	68.24000	0.0	0.0	0.0
97.00000		67.00000	68.24000	97.00000	67.00000	68.24000	0.0	0.0	0.0
98.00000		67.00000	68.24000	98.00000	67.00000	68.24000	0.0	0.0	0.0
99.00000		67.00000	68.24000	99.00000	67.00000	68.24000	0.0	0.0	0.0
100.00000		67.00000	68.24000	100.00000	67.00000	68.24000	0.0	0.0	0.0
0.00000		68.00000	68.24000	0.00000	68.00000	68.24000	0.0	0.0	0.0
1.00000		68.00000	68.24000	1.00000	68.00000	68.24000	0.0	0.0	0.0
2.00000		68.00000	68.24000	2.00000	68.00000	68.24000	0.0	0.0	0.0
3.00000		68.00000	68.24000	3.00000	68.00000	68.24000	0.0	0.0	0.0
4.00000		68.00000	68.24000	4.00000	68.00000	68.24000	0.0	0.0	0.0
5.00000		68.00000	68.24000	5.00000	68.00000	68.24000	0.0	0.0	0.0
6.00000		68.00000	68.24000	6.00000	68.00000	68.24000	0.0	0.0	0.0
7.00000		68.00000	68.24000	7.00000	68.00000	68.24000	0.0	0.0	0.0
8.00000		68.00000	68.24000	8.00000	68.00000	68.24000	0.0	0.0	0.0
9.00000		68.00000	68.24000	9.00000	68.00000	68.24000	0.0	0.0	0.0
10.00000		68.00000	68.24000	10.00000	68.00000	68.24000	0.0	0.0	0.0
11.00000		68.00000	68.24000	11.00000	68.00000	68.24000	0.0	0.0	0.0
12.00000		68.00000	68.24000	12.00000	68.00000	68.24000	0.0	0.0	0.0
13.00000		68.00000	68.24000	13.00000	68.00000	68.24000	0.0	0.0	0.0
14.00000		68.00000	68.24000	14.00000	68.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
15.00000	68.00000	68.24000		15.00000	68.00000	68.24000	0.0	0.0	0.0
16.00000	68.00000	68.24000		16.00000	68.00000	68.24000	0.0	0.0	0.0
17.00000	68.00000	68.24000		17.00000	68.00000	68.24000	0.0	0.0	0.0
18.00000	68.00000	68.24000		18.00000	68.00000	68.24000	0.0	0.0	0.0
19.00000	68.00000	68.24000		19.00000	68.00000	68.24000	0.0	0.0	0.0
20.00000	68.00000	68.24000		20.00000	68.00000	68.24000	0.0	0.0	0.0
21.00000	68.00000	68.24000		21.00000	68.00000	68.24000	0.0	0.0	0.0
22.00000	68.00000	68.24000		22.00000	68.00000	68.24000	0.0	0.0	0.0
23.00000	68.00000	68.24000		23.00000	68.00000	68.24000	0.0	0.0	0.0
24.00000	68.00000	68.24000		24.00000	68.00000	68.24000	0.0	0.0	0.0
25.00000	68.00000	68.24000		25.00000	68.00000	68.24000	0.0	0.0	0.0
26.00000	68.00000	68.24000		26.00000	68.00000	68.24000	0.0	0.0	0.0
27.00000	68.00000	68.24000		27.00000	68.00000	68.24000	0.0	0.0	0.0
28.00000	68.00000	68.24000		28.00000	68.00000	68.24000	0.0	0.0	0.0
29.00000	68.00000	68.24000		29.00000	68.00000	68.24000	0.0	0.0	0.0
30.00000	68.00000	68.24000		30.00000	68.00000	68.24000	0.0	0.0	0.0
31.00000	68.00000	68.24000		31.00000	68.00000	68.24000	0.0	0.0	0.0
32.00000	68.00000	68.24000		32.00000	68.00000	68.24000	0.0	0.0	0.0
33.00000	68.00000	68.24000		33.00000	68.00000	68.24000	0.0	0.0	0.0
34.00000	68.00000	68.24000		34.00000	68.00000	68.24000	0.0	0.0	0.0
35.00000	68.00000	68.24000		35.00000	68.00000	68.24000	0.0	0.0	0.0
36.00000	68.00000	68.24000		36.00000	68.00000	68.24000	0.0	0.0	0.0
37.00000	68.00000	68.24000		37.00000	68.00000	68.24000	0.0	0.0	0.0
38.00000	68.00000	68.24000		38.00000	68.00000	68.24000	0.0	0.0	0.0
39.00000	68.00000	68.24000		39.00000	68.00000	68.24000	0.0	0.0	0.0
40.00000	68.00000	68.24000		40.00000	68.00000	68.24000	0.0	0.0	0.0
41.00000	68.00000	68.24000		41.00000	68.00000	68.24000	0.0	0.0	0.0
42.00000	68.00000	68.24000		42.00000	68.00000	68.24000	0.0	0.0	0.0
43.00000	68.00000	68.24000		43.00000	68.00000	68.24000	0.0	0.0	0.0
44.00000	68.00000	68.24000		44.00000	68.00000	68.24000	0.0	0.0	0.0
45.00000	68.00000	68.24000		45.00000	68.00000	68.24000	0.0	0.0	0.0
46.00000	68.00000	68.24000		46.00000	68.00000	68.24000	0.0	0.0	0.0
47.00000	68.00000	68.24000		47.00000	68.00000	68.24000	0.0	0.0	0.0
48.00000	68.00000	68.24000		48.00000	68.00000	68.24000	0.0	0.0	0.0
49.00000	68.00000	68.24000		49.00000	68.00000	68.24000	0.0	0.0	0.0
50.00000	68.00000	68.24000		50.00000	68.00000	68.24000	0.0	0.0	0.0
51.00000	68.00000	68.24000		51.00000	68.00000	68.24000	0.010062	-0.30185	0.044336
52.00000	68.00000	68.24000		52.00000	68.00000	68.24000	0.010478	-0.31433	0.045583
53.00000	68.00000	68.24000		53.00000	68.00000	68.24000	0.010894	-0.32682	0.046822
54.00000	68.00000	68.24000		54.00000	68.00000	68.24000	-0.0095530	-0.32480	0.046618
55.00000	68.00000	68.24000		55.00000	68.00000	68.24000	-0.0092289	-0.31378	0.045524
56.00000	68.00000	68.24000		56.00000	68.00000	68.24000	-0.0089047	-0.30276	0.044424
57.00000	68.00000	68.24000		57.00000	68.00000	68.24000	-0.0085806	-0.29174	0.043316
58.00000	68.00000	68.24000		58.00000	68.00000	68.24000	0.0	0.0	0.0
59.00000	68.00000	68.24000		59.00000	68.00000	68.24000	0.0	0.0	0.0
60.00000	68.00000	68.24000		60.00000	68.00000	68.24000	0.0	0.0	0.0
61.00000	68.00000	68.24000		61.00000	68.00000	68.24000	0.0	0.0	0.0
62.00000	68.00000	68.24000		62.00000	68.00000	68.24000	0.0	0.0	0.0
63.00000	68.00000	68.24000		63.00000	68.00000	68.24000	0.0	0.0	0.0
64.00000	68.00000	68.24000		64.00000	68.00000	68.24000	0.0	0.0	0.0
65.00000	68.00000	68.24000		65.00000	68.00000	68.24000	0.0	0.0	0.0
66.00000	68.00000	68.24000		66.00000	68.00000	68.24000	0.0	0.0	0.0
67.00000	68.00000	68.24000		67.00000	68.00000	68.24000	0.0	0.0	0.0
68.00000	68.00000	68.24000		68.00000	68.00000	68.24000	0.0	0.0	0.0
69.00000	68.00000	68.24000		69.00000	68.00000	68.24000	0.0	0.0	0.0
70.00000	68.00000	68.24000		70.00000	68.00000	68.24000	0.0	0.0	0.0
71.00000	68.00000	68.24000		71.00000	68.00000	68.24000	0.0	0.0	0.0
72.00000	68.00000	68.24000		72.00000	68.00000	68.24000	0.0	0.0	0.0
73.00000	68.00000	68.24000		73.00000	68.00000	68.24000	0.0	0.0	0.0
74.00000	68.00000	68.24000		74.00000	68.00000	68.24000	0.0	0.0	0.0
75.00000	68.00000	68.24000		75.00000	68.00000	68.24000	0.0	0.0	0.0
76.00000	68.00000	68.24000		76.00000	68.00000	68.24000	0.0	0.0	0.0
77.00000	68.00000	68.24000		77.00000	68.00000	68.24000	0.0	0.0	0.0
78.00000	68.00000	68.24000		78.00000	68.00000	68.24000	0.0	0.0	0.0
79.00000	68.00000	68.24000		79.00000	68.00000	68.24000	0.0	0.0	0.0
80.00000	68.00000	68.24000		80.00000	68.00000	68.24000	0.0	0.0	0.0
81.00000	68.00000	68.24000		81.00000	68.00000	68.24000	0.0	0.0	0.0
82.00000	68.00000	68.24000		82.00000	68.00000	68.24000	0.0	0.0	0.0
83.00000	68.00000	68.24000		83.00000	68.00000	68.24000	0.0	0.0	0.0
84.00000	68.00000	68.24000		84.00000	68.00000	68.24000	0.0	0.0	0.0
85.00000	68.00000	68.24000		85.00000	68.00000	68.24000	0.0	0.0	0.0
86.00000	68.00000	68.24000		86.00000	68.00000	68.24000	0.0	0.0	0.0
87.00000	68.00000	68.24000		87.00000	68.00000	68.24000	0.0	0.0	0.0
88.00000	68.00000	68.24000		88.00000	68.00000	68.24000	0.0	0.0	0.0
89.00000	68.00000	68.24000		89.00000	68.00000	68.24000	0.0	0.0	0.0
90.00000	68.00000	68.24000		90.00000	68.00000	68.24000	0.0	0.0	0.0
91.00000	68.00000	68.24000		91.00000	68.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				92.00000	68.00000	68.24000	0.0	0.0	0.0
				93.00000	68.00000	68.24000	0.0	0.0	0.0
				94.00000	68.00000	68.24000	0.0	0.0	0.0
				95.00000	68.00000	68.24000	0.0	0.0	0.0
				96.00000	68.00000	68.24000	0.0	0.0	0.0
				97.00000	68.00000	68.24000	0.0	0.0	0.0
				98.00000	68.00000	68.24000	0.0	0.0	0.0
				99.00000	68.00000	68.24000	0.0	0.0	0.0
				100.00000	68.00000	68.24000	0.0	0.0	0.0
				0.00000	69.00000	68.24000	0.0	0.0	0.0
				1.00000	69.00000	68.24000	0.0	0.0	0.0
				2.00000	69.00000	68.24000	0.0	0.0	0.0
				3.00000	69.00000	68.24000	0.0	0.0	0.0
				4.00000	69.00000	68.24000	0.0	0.0	0.0
				5.00000	69.00000	68.24000	0.0	0.0	0.0
				6.00000	69.00000	68.24000	0.0	0.0	0.0
				7.00000	69.00000	68.24000	0.0	0.0	0.0
				8.00000	69.00000	68.24000	0.0	0.0	0.0
				9.00000	69.00000	68.24000	0.0	0.0	0.0
				10.00000	69.00000	68.24000	0.0	0.0	0.0
				11.00000	69.00000	68.24000	0.0	0.0	0.0
				12.00000	69.00000	68.24000	0.0	0.0	0.0
				13.00000	69.00000	68.24000	0.0	0.0	0.0
				14.00000	69.00000	68.24000	0.0	0.0	0.0
				15.00000	69.00000	68.24000	0.0	0.0	0.0
				16.00000	69.00000	68.24000	0.0	0.0	0.0
				17.00000	69.00000	68.24000	0.0	0.0	0.0
				18.00000	69.00000	68.24000	0.0	0.0	0.0
				19.00000	69.00000	68.24000	0.0	0.0	0.0
				20.00000	69.00000	68.24000	0.0	0.0	0.0
				21.00000	69.00000	68.24000	0.0	0.0	0.0
				22.00000	69.00000	68.24000	0.0	0.0	0.0
				23.00000	69.00000	68.24000	0.0	0.0	0.0
				24.00000	69.00000	68.24000	0.0	0.0	0.0
				25.00000	69.00000	68.24000	0.0	0.0	0.0
				26.00000	69.00000	68.24000	0.0	0.0	0.0
				27.00000	69.00000	68.24000	0.0	0.0	0.0
				28.00000	69.00000	68.24000	0.0	0.0	0.0
				29.00000	69.00000	68.24000	0.0	0.0	0.0
				30.00000	69.00000	68.24000	0.0	0.0	0.0
				31.00000	69.00000	68.24000	0.0	0.0	0.0
				32.00000	69.00000	68.24000	0.0	0.0	0.0
				33.00000	69.00000	68.24000	0.0	0.0	0.0
				34.00000	69.00000	68.24000	0.0	0.0	0.0
				35.00000	69.00000	68.24000	0.0	0.0	0.0
				36.00000	69.00000	68.24000	0.0	0.0	0.0
				37.00000	69.00000	68.24000	0.0	0.0	0.0
				38.00000	69.00000	68.24000	0.0	0.0	0.0
				39.00000	69.00000	68.24000	0.0	0.0	0.0
				40.00000	69.00000	68.24000	0.0	0.0	0.0
				41.00000	69.00000	68.24000	0.0	0.0	0.0
				42.00000	69.00000	68.24000	0.0	0.0	0.0
				43.00000	69.00000	68.24000	0.0	0.0	0.0
				44.00000	69.00000	68.24000	0.0	0.0	0.0
				45.00000	69.00000	68.24000	0.0	0.0	0.0
				46.00000	69.00000	68.24000	0.0	0.0	0.0
				47.00000	69.00000	68.24000	0.0	0.0	0.0
				48.00000	69.00000	68.24000	0.0	0.0	0.0
				49.00000	69.00000	68.24000	0.0	0.0	0.0
				50.00000	69.00000	68.24000	0.0	0.0	0.0
				51.00000	69.00000	68.24000	0.0	0.0	0.0
				52.00000	69.00000	68.24000	0.0	0.0	0.0
				53.00000	69.00000	68.24000	0.0	0.0	0.0
				54.00000	69.00000	68.24000	0.0	0.0	0.0
				55.00000	69.00000	68.24000	0.0	0.0	0.0
				56.00000	69.00000	68.24000	0.0	0.0	0.0
				57.00000	69.00000	68.24000	0.0	0.0	0.0
				58.00000	69.00000	68.24000	0.0	0.0	0.0
				59.00000	69.00000	68.24000	0.0	0.0	0.0
				60.00000	69.00000	68.24000	0.0	0.0	0.0
				61.00000	69.00000	68.24000	0.0	0.0	0.0
				62.00000	69.00000	68.24000	0.0	0.0	0.0
				63.00000	69.00000	68.24000	0.0	0.0	0.0
				64.00000	69.00000	68.24000	0.0	0.0	0.0
				65.00000	69.00000	68.24000	0.0	0.0	0.0
				66.00000	69.00000	68.24000	0.0	0.0	0.0
				67.00000	69.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				68.00000	69.00000	68.24000	0.0	0.0	0.0
				69.00000	69.00000	68.24000	0.0	0.0	0.0
				70.00000	69.00000	68.24000	0.0	0.0	0.0
				71.00000	69.00000	68.24000	0.0	0.0	0.0
				72.00000	69.00000	68.24000	0.0	0.0	0.0
				73.00000	69.00000	68.24000	0.0	0.0	0.0
				74.00000	69.00000	68.24000	0.0	0.0	0.0
				75.00000	69.00000	68.24000	0.0	0.0	0.0
				76.00000	69.00000	68.24000	0.0	0.0	0.0
				77.00000	69.00000	68.24000	0.0	0.0	0.0
				78.00000	69.00000	68.24000	0.0	0.0	0.0
				79.00000	69.00000	68.24000	0.0	0.0	0.0
				80.00000	69.00000	68.24000	0.0	0.0	0.0
				81.00000	69.00000	68.24000	0.0	0.0	0.0
				82.00000	69.00000	68.24000	0.0	0.0	0.0
				83.00000	69.00000	68.24000	0.0	0.0	0.0
				84.00000	69.00000	68.24000	0.0	0.0	0.0
				85.00000	69.00000	68.24000	0.0	0.0	0.0
				86.00000	69.00000	68.24000	0.0	0.0	0.0
				87.00000	69.00000	68.24000	0.0	0.0	0.0
				88.00000	69.00000	68.24000	0.0	0.0	0.0
				89.00000	69.00000	68.24000	0.0	0.0	0.0
				90.00000	69.00000	68.24000	0.0	0.0	0.0
				91.00000	69.00000	68.24000	0.0	0.0	0.0
				92.00000	69.00000	68.24000	0.0	0.0	0.0
				93.00000	69.00000	68.24000	0.0	0.0	0.0
				94.00000	69.00000	68.24000	0.0	0.0	0.0
				95.00000	69.00000	68.24000	0.0	0.0	0.0
				96.00000	69.00000	68.24000	0.0	0.0	0.0
				97.00000	69.00000	68.24000	0.0	0.0	0.0
				98.00000	69.00000	68.24000	0.0	0.0	0.0
				99.00000	69.00000	68.24000	0.0	0.0	0.0
				100.00000	69.00000	68.24000	0.0	0.0	0.0
				0.00000	70.00000	68.24000	0.0	0.0	0.0
				1.00000	70.00000	68.24000	0.0	0.0	0.0
				2.00000	70.00000	68.24000	0.0	0.0	0.0
				3.00000	70.00000	68.24000	0.0	0.0	0.0
				4.00000	70.00000	68.24000	0.0	0.0	0.0
				5.00000	70.00000	68.24000	0.0	0.0	0.0
				6.00000	70.00000	68.24000	0.0	0.0	0.0
				7.00000	70.00000	68.24000	0.0	0.0	0.0
				8.00000	70.00000	68.24000	0.0	0.0	0.0
				9.00000	70.00000	68.24000	0.0	0.0	0.0
				10.00000	70.00000	68.24000	0.0	0.0	0.0
				11.00000	70.00000	68.24000	0.0	0.0	0.0
				12.00000	70.00000	68.24000	0.0	0.0	0.0
				13.00000	70.00000	68.24000	0.0	0.0	0.0
				14.00000	70.00000	68.24000	0.0	0.0	0.0
				15.00000	70.00000	68.24000	0.0	0.0	0.0
				16.00000	70.00000	68.24000	0.0	0.0	0.0
				17.00000	70.00000	68.24000	0.0	0.0	0.0
				18.00000	70.00000	68.24000	0.0	0.0	0.0
				19.00000	70.00000	68.24000	0.0	0.0	0.0
				20.00000	70.00000	68.24000	0.0	0.0	0.0
				21.00000	70.00000	68.24000	0.0	0.0	0.0
				22.00000	70.00000	68.24000	0.0	0.0	0.0
				23.00000	70.00000	68.24000	0.0	0.0	0.0
				24.00000	70.00000	68.24000	0.0	0.0	0.0
				25.00000	70.00000	68.24000	0.0	0.0	0.0
				26.00000	70.00000	68.24000	0.0	0.0	0.0
				27.00000	70.00000	68.24000	0.0	0.0	0.0
				28.00000	70.00000	68.24000	0.0	0.0	0.0
				29.00000	70.00000	68.24000	0.0	0.0	0.0
				30.00000	70.00000	68.24000	0.0	0.0	0.0
				31.00000	70.00000	68.24000	0.0	0.0	0.0
				32.00000	70.00000	68.24000	0.0	0.0	0.0
				33.00000	70.00000	68.24000	0.0	0.0	0.0
				34.00000	70.00000	68.24000	0.0	0.0	0.0
				35.00000	70.00000	68.24000	0.0	0.0	0.0
				36.00000	70.00000	68.24000	0.0	0.0	0.0
				37.00000	70.00000	68.24000	0.0	0.0	0.0
				38.00000	70.00000	68.24000	0.0	0.0	0.0
				39.00000	70.00000	68.24000	0.0	0.0	0.0
				40.00000	70.00000	68.24000	0.0	0.0	0.0
				41.00000	70.00000	68.24000	0.0	0.0	0.0
				42.00000	70.00000	68.24000	0.0	0.0	0.0
				43.00000	70.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				44.00000	70.00000	68.24000	0.0	0.0	0.0
				45.00000	70.00000	68.24000	0.0	0.0	0.0
				46.00000	70.00000	68.24000	0.0	0.0	0.0
				47.00000	70.00000	68.24000	0.0	0.0	0.0
				48.00000	70.00000	68.24000	0.0	0.0	0.0
				49.00000	70.00000	68.24000	0.0	0.0	0.0
				50.00000	70.00000	68.24000	0.0	0.0	0.0
				51.00000	70.00000	68.24000	0.0	0.0	0.0
				52.00000	70.00000	68.24000	0.0	0.0	0.0
				53.00000	70.00000	68.24000	0.0	0.0	0.0
				54.00000	70.00000	68.24000	0.0	0.0	0.0
				55.00000	70.00000	68.24000	0.0	0.0	0.0
				56.00000	70.00000	68.24000	0.0	0.0	0.0
				57.00000	70.00000	68.24000	0.0	0.0	0.0
				58.00000	70.00000	68.24000	0.0	0.0	0.0
				59.00000	70.00000	68.24000	0.0	0.0	0.0
				60.00000	70.00000	68.24000	0.0	0.0	0.0
				61.00000	70.00000	68.24000	0.0	0.0	0.0
				62.00000	70.00000	68.24000	0.0	0.0	0.0
				63.00000	70.00000	68.24000	0.0	0.0	0.0
				64.00000	70.00000	68.24000	0.0	0.0	0.0
				65.00000	70.00000	68.24000	0.0	0.0	0.0
				66.00000	70.00000	68.24000	0.0	0.0	0.0
				67.00000	70.00000	68.24000	0.0	0.0	0.0
				68.00000	70.00000	68.24000	0.0	0.0	0.0
				69.00000	70.00000	68.24000	0.0	0.0	0.0
				70.00000	70.00000	68.24000	0.0	0.0	0.0
				71.00000	70.00000	68.24000	0.0	0.0	0.0
				72.00000	70.00000	68.24000	0.0	0.0	0.0
				73.00000	70.00000	68.24000	0.0	0.0	0.0
				74.00000	70.00000	68.24000	0.0	0.0	0.0
				75.00000	70.00000	68.24000	0.0	0.0	0.0
				76.00000	70.00000	68.24000	0.0	0.0	0.0
				77.00000	70.00000	68.24000	0.0	0.0	0.0
				78.00000	70.00000	68.24000	0.0	0.0	0.0
				79.00000	70.00000	68.24000	0.0	0.0	0.0
				80.00000	70.00000	68.24000	0.0	0.0	0.0
				81.00000	70.00000	68.24000	0.0	0.0	0.0
				82.00000	70.00000	68.24000	0.0	0.0	0.0
				83.00000	70.00000	68.24000	0.0	0.0	0.0
				84.00000	70.00000	68.24000	0.0	0.0	0.0
				85.00000	70.00000	68.24000	0.0	0.0	0.0
				86.00000	70.00000	68.24000	0.0	0.0	0.0
				87.00000	70.00000	68.24000	0.0	0.0	0.0
				88.00000	70.00000	68.24000	0.0	0.0	0.0
				89.00000	70.00000	68.24000	0.0	0.0	0.0
				90.00000	70.00000	68.24000	0.0	0.0	0.0
				91.00000	70.00000	68.24000	0.0	0.0	0.0
				92.00000	70.00000	68.24000	0.0	0.0	0.0
				93.00000	70.00000	68.24000	0.0	0.0	0.0
				94.00000	70.00000	68.24000	0.0	0.0	0.0
				95.00000	70.00000	68.24000	0.0	0.0	0.0
				96.00000	70.00000	68.24000	0.0	0.0	0.0
				97.00000	70.00000	68.24000	0.0	0.0	0.0
				98.00000	70.00000	68.24000	0.0	0.0	0.0
				99.00000	70.00000	68.24000	0.0	0.0	0.0
				100.00000	70.00000	68.24000	0.0	0.0	0.0
				0.00000	71.00000	68.24000	0.0	0.0	0.0
				1.00000	71.00000	68.24000	0.0	0.0	0.0
				2.00000	71.00000	68.24000	0.0	0.0	0.0
				3.00000	71.00000	68.24000	0.0	0.0	0.0
				4.00000	71.00000	68.24000	0.0	0.0	0.0
				5.00000	71.00000	68.24000	0.0	0.0	0.0
				6.00000	71.00000	68.24000	0.0	0.0	0.0
				7.00000	71.00000	68.24000	0.0	0.0	0.0
				8.00000	71.00000	68.24000	0.0	0.0	0.0
				9.00000	71.00000	68.24000	0.0	0.0	0.0
				10.00000	71.00000	68.24000	0.0	0.0	0.0
				11.00000	71.00000	68.24000	0.0	0.0	0.0
				12.00000	71.00000	68.24000	0.0	0.0	0.0
				13.00000	71.00000	68.24000	0.0	0.0	0.0
				14.00000	71.00000	68.24000	0.0	0.0	0.0
				15.00000	71.00000	68.24000	0.0	0.0	0.0
				16.00000	71.00000	68.24000	0.0	0.0	0.0
				17.00000	71.00000	68.24000	0.0	0.0	0.0
				18.00000	71.00000	68.24000	0.0	0.0	0.0
				19.00000	71.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				20.00000	71.00000	68.24000	0.0	0.0	0.0
				21.00000	71.00000	68.24000	0.0	0.0	0.0
				22.00000	71.00000	68.24000	0.0	0.0	0.0
				23.00000	71.00000	68.24000	0.0	0.0	0.0
				24.00000	71.00000	68.24000	0.0	0.0	0.0
				25.00000	71.00000	68.24000	0.0	0.0	0.0
				26.00000	71.00000	68.24000	0.0	0.0	0.0
				27.00000	71.00000	68.24000	0.0	0.0	0.0
				28.00000	71.00000	68.24000	0.0	0.0	0.0
				29.00000	71.00000	68.24000	0.0	0.0	0.0
				30.00000	71.00000	68.24000	0.0	0.0	0.0
				31.00000	71.00000	68.24000	0.0	0.0	0.0
				32.00000	71.00000	68.24000	0.0	0.0	0.0
				33.00000	71.00000	68.24000	0.0	0.0	0.0
				34.00000	71.00000	68.24000	0.0	0.0	0.0
				35.00000	71.00000	68.24000	0.0	0.0	0.0
				36.00000	71.00000	68.24000	0.0	0.0	0.0
				37.00000	71.00000	68.24000	0.0	0.0	0.0
				38.00000	71.00000	68.24000	0.0	0.0	0.0
				39.00000	71.00000	68.24000	0.0	0.0	0.0
				40.00000	71.00000	68.24000	0.0	0.0	0.0
				41.00000	71.00000	68.24000	0.0	0.0	0.0
				42.00000	71.00000	68.24000	0.0	0.0	0.0
				43.00000	71.00000	68.24000	0.0	0.0	0.0
				44.00000	71.00000	68.24000	0.0	0.0	0.0
				45.00000	71.00000	68.24000	0.0	0.0	0.0
				46.00000	71.00000	68.24000	0.0	0.0	0.0
				47.00000	71.00000	68.24000	0.0	0.0	0.0
				48.00000	71.00000	68.24000	0.0	0.0	0.0
				49.00000	71.00000	68.24000	0.0	0.0	0.0
				50.00000	71.00000	68.24000	0.0	0.0	0.0
				51.00000	71.00000	68.24000	0.0	0.0	0.0
				52.00000	71.00000	68.24000	0.0	0.0	0.0
				53.00000	71.00000	68.24000	0.0	0.0	0.0
				54.00000	71.00000	68.24000	0.0	0.0	0.0
				55.00000	71.00000	68.24000	0.0	0.0	0.0
				56.00000	71.00000	68.24000	0.0	0.0	0.0
				57.00000	71.00000	68.24000	0.0	0.0	0.0
				58.00000	71.00000	68.24000	0.0	0.0	0.0
				59.00000	71.00000	68.24000	0.0	0.0	0.0
				60.00000	71.00000	68.24000	0.0	0.0	0.0
				61.00000	71.00000	68.24000	0.0	0.0	0.0
				62.00000	71.00000	68.24000	0.0	0.0	0.0
				63.00000	71.00000	68.24000	0.0	0.0	0.0
				64.00000	71.00000	68.24000	0.0	0.0	0.0
				65.00000	71.00000	68.24000	0.0	0.0	0.0
				66.00000	71.00000	68.24000	0.0	0.0	0.0
				67.00000	71.00000	68.24000	0.0	0.0	0.0
				68.00000	71.00000	68.24000	0.0	0.0	0.0
				69.00000	71.00000	68.24000	0.0	0.0	0.0
				70.00000	71.00000	68.24000	0.0	0.0	0.0
				71.00000	71.00000	68.24000	0.0	0.0	0.0
				72.00000	71.00000	68.24000	0.0	0.0	0.0
				73.00000	71.00000	68.24000	0.0	0.0	0.0
				74.00000	71.00000	68.24000	0.0	0.0	0.0
				75.00000	71.00000	68.24000	0.0	0.0	0.0
				76.00000	71.00000	68.24000	0.0	0.0	0.0
				77.00000	71.00000	68.24000	0.0	0.0	0.0
				78.00000	71.00000	68.24000	0.0	0.0	0.0
				79.00000	71.00000	68.24000	0.0	0.0	0.0
				80.00000	71.00000	68.24000	0.0	0.0	0.0
				81.00000	71.00000	68.24000	0.0	0.0	0.0
				82.00000	71.00000	68.24000	0.0	0.0	0.0
				83.00000	71.00000	68.24000	0.0	0.0	0.0
				84.00000	71.00000	68.24000	0.0	0.0	0.0
				85.00000	71.00000	68.24000	0.0	0.0	0.0
				86.00000	71.00000	68.24000	0.0	0.0	0.0
				87.00000	71.00000	68.24000	0.0	0.0	0.0
				88.00000	71.00000	68.24000	0.0	0.0	0.0
				89.00000	71.00000	68.24000	0.0	0.0	0.0
				90.00000	71.00000	68.24000	0.0	0.0	0.0
				91.00000	71.00000	68.24000	0.0	0.0	0.0
				92.00000	71.00000	68.24000	0.0	0.0	0.0
				93.00000	71.00000	68.24000	0.0	0.0	0.0
				94.00000	71.00000	68.24000	0.0	0.0	0.0
				95.00000	71.00000	68.24000	0.0	0.0	0.0
				96.00000	71.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
97.00000				71.00000	68.24000	68.24000	0.0	0.0	0.0
98.00000				71.00000	68.24000	68.24000	0.0	0.0	0.0
99.00000				71.00000	68.24000	68.24000	0.0	0.0	0.0
100.00000				71.00000	68.24000	68.24000	0.0	0.0	0.0
0.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
1.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
2.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
3.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
4.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
5.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
6.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
7.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
8.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
9.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
10.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
11.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
12.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
13.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
14.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
15.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
16.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
17.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
18.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
19.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
20.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
21.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
22.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
23.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
24.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
25.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
26.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
27.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
28.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
29.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
30.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
31.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
32.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
33.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
34.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
35.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
36.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
37.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
38.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
39.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
40.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
41.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
42.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
43.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
44.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
45.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
46.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
47.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
48.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
49.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
50.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
51.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
52.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
53.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
54.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
55.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
56.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
57.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
58.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
59.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
60.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
61.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
62.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
63.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
64.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
65.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
66.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
67.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
68.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
69.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
70.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
71.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0
72.00000				72.00000	68.24000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				73.00000	72.00000	68.24000	0.0	0.0	0.0
				74.00000	72.00000	68.24000	0.0	0.0	0.0
				75.00000	72.00000	68.24000	0.0	0.0	0.0
				76.00000	72.00000	68.24000	0.0	0.0	0.0
				77.00000	72.00000	68.24000	0.0	0.0	0.0
				78.00000	72.00000	68.24000	0.0	0.0	0.0
				79.00000	72.00000	68.24000	0.0	0.0	0.0
				80.00000	72.00000	68.24000	0.0	0.0	0.0
				81.00000	72.00000	68.24000	0.0	0.0	0.0
				82.00000	72.00000	68.24000	0.0	0.0	0.0
				83.00000	72.00000	68.24000	0.0	0.0	0.0
				84.00000	72.00000	68.24000	0.0	0.0	0.0
				85.00000	72.00000	68.24000	0.0	0.0	0.0
				86.00000	72.00000	68.24000	0.0	0.0	0.0
				87.00000	72.00000	68.24000	0.0	0.0	0.0
				88.00000	72.00000	68.24000	0.0	0.0	0.0
				89.00000	72.00000	68.24000	0.0	0.0	0.0
				90.00000	72.00000	68.24000	0.0	0.0	0.0
				91.00000	72.00000	68.24000	0.0	0.0	0.0
				92.00000	72.00000	68.24000	0.0	0.0	0.0
				93.00000	72.00000	68.24000	0.0	0.0	0.0
				94.00000	72.00000	68.24000	0.0	0.0	0.0
				95.00000	72.00000	68.24000	0.0	0.0	0.0
				96.00000	72.00000	68.24000	0.0	0.0	0.0
				97.00000	72.00000	68.24000	0.0	0.0	0.0
				98.00000	72.00000	68.24000	0.0	0.0	0.0
				99.00000	72.00000	68.24000	0.0	0.0	0.0
				100.00000	72.00000	68.24000	0.0	0.0	0.0
				0.00000	73.00000	68.24000	0.0	0.0	0.0
				1.00000	73.00000	68.24000	0.0	0.0	0.0
				2.00000	73.00000	68.24000	0.0	0.0	0.0
				3.00000	73.00000	68.24000	0.0	0.0	0.0
				4.00000	73.00000	68.24000	0.0	0.0	0.0
				5.00000	73.00000	68.24000	0.0	0.0	0.0
				6.00000	73.00000	68.24000	0.0	0.0	0.0
				7.00000	73.00000	68.24000	0.0	0.0	0.0
				8.00000	73.00000	68.24000	0.0	0.0	0.0
				9.00000	73.00000	68.24000	0.0	0.0	0.0
				10.00000	73.00000	68.24000	0.0	0.0	0.0
				11.00000	73.00000	68.24000	0.0	0.0	0.0
				12.00000	73.00000	68.24000	0.0	0.0	0.0
				13.00000	73.00000	68.24000	0.0	0.0	0.0
				14.00000	73.00000	68.24000	0.0	0.0	0.0
				15.00000	73.00000	68.24000	0.0	0.0	0.0
				16.00000	73.00000	68.24000	0.0	0.0	0.0
				17.00000	73.00000	68.24000	0.0	0.0	0.0
				18.00000	73.00000	68.24000	0.0	0.0	0.0
				19.00000	73.00000	68.24000	0.0	0.0	0.0
				20.00000	73.00000	68.24000	0.0	0.0	0.0
				21.00000	73.00000	68.24000	0.0	0.0	0.0
				22.00000	73.00000	68.24000	0.0	0.0	0.0
				23.00000	73.00000	68.24000	0.0	0.0	0.0
				24.00000	73.00000	68.24000	0.0	0.0	0.0
				25.00000	73.00000	68.24000	0.0	0.0	0.0
				26.00000	73.00000	68.24000	0.0	0.0	0.0
				27.00000	73.00000	68.24000	0.0	0.0	0.0
				28.00000	73.00000	68.24000	0.0	0.0	0.0
				29.00000	73.00000	68.24000	0.0	0.0	0.0
				30.00000	73.00000	68.24000	0.0	0.0	0.0
				31.00000	73.00000	68.24000	0.0	0.0	0.0
				32.00000	73.00000	68.24000	0.0	0.0	0.0
				33.00000	73.00000	68.24000	0.0	0.0	0.0
				34.00000	73.00000	68.24000	0.0	0.0	0.0
				35.00000	73.00000	68.24000	0.0	0.0	0.0
				36.00000	73.00000	68.24000	0.0	0.0	0.0
				37.00000	73.00000	68.24000	0.0	0.0	0.0
				38.00000	73.00000	68.24000	0.0	0.0	0.0
				39.00000	73.00000	68.24000	0.0	0.0	0.0
				40.00000	73.00000	68.24000	0.0	0.0	0.0
				41.00000	73.00000	68.24000	0.0	0.0	0.0
				42.00000	73.00000	68.24000	0.0	0.0	0.0
				43.00000	73.00000	68.24000	0.0	0.0	0.0
				44.00000	73.00000	68.24000	0.0	0.0	0.0
				45.00000	73.00000	68.24000	0.0	0.0	0.0
				46.00000	73.00000	68.24000	0.0	0.0	0.0
				47.00000	73.00000	68.24000	0.0	0.0	0.0
				48.00000	73.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				49.00000	73.00000	68.24000	0.0	0.0	0.0
				50.00000	73.00000	68.24000	0.0	0.0	0.0
				51.00000	73.00000	68.24000	0.0	0.0	0.0
				52.00000	73.00000	68.24000	0.0	0.0	0.0
				53.00000	73.00000	68.24000	0.0	0.0	0.0
				54.00000	73.00000	68.24000	0.0	0.0	0.0
				55.00000	73.00000	68.24000	0.0	0.0	0.0
				56.00000	73.00000	68.24000	0.0	0.0	0.0
				57.00000	73.00000	68.24000	0.0	0.0	0.0
				58.00000	73.00000	68.24000	0.0	0.0	0.0
				59.00000	73.00000	68.24000	0.0	0.0	0.0
				60.00000	73.00000	68.24000	0.0	0.0	0.0
				61.00000	73.00000	68.24000	0.0	0.0	0.0
				62.00000	73.00000	68.24000	0.0	0.0	0.0
				63.00000	73.00000	68.24000	0.0	0.0	0.0
				64.00000	73.00000	68.24000	0.0	0.0	0.0
				65.00000	73.00000	68.24000	0.0	0.0	0.0
				66.00000	73.00000	68.24000	0.0	0.0	0.0
				67.00000	73.00000	68.24000	0.0	0.0	0.0
				68.00000	73.00000	68.24000	0.0	0.0	0.0
				69.00000	73.00000	68.24000	0.0	0.0	0.0
				70.00000	73.00000	68.24000	0.0	0.0	0.0
				71.00000	73.00000	68.24000	0.0	0.0	0.0
				72.00000	73.00000	68.24000	0.0	0.0	0.0
				73.00000	73.00000	68.24000	0.0	0.0	0.0
				74.00000	73.00000	68.24000	0.0	0.0	0.0
				75.00000	73.00000	68.24000	0.0	0.0	0.0
				76.00000	73.00000	68.24000	0.0	0.0	0.0
				77.00000	73.00000	68.24000	0.0	0.0	0.0
				78.00000	73.00000	68.24000	0.0	0.0	0.0
				79.00000	73.00000	68.24000	0.0	0.0	0.0
				80.00000	73.00000	68.24000	0.0	0.0	0.0
				81.00000	73.00000	68.24000	0.0	0.0	0.0
				82.00000	73.00000	68.24000	0.0	0.0	0.0
				83.00000	73.00000	68.24000	0.0	0.0	0.0
				84.00000	73.00000	68.24000	0.0	0.0	0.0
				85.00000	73.00000	68.24000	0.0	0.0	0.0
				86.00000	73.00000	68.24000	0.0	0.0	0.0
				87.00000	73.00000	68.24000	0.0	0.0	0.0
				88.00000	73.00000	68.24000	0.0	0.0	0.0
				89.00000	73.00000	68.24000	0.0	0.0	0.0
				90.00000	73.00000	68.24000	0.0	0.0	0.0
				91.00000	73.00000	68.24000	0.0	0.0	0.0
				92.00000	73.00000	68.24000	0.0	0.0	0.0
				93.00000	73.00000	68.24000	0.0	0.0	0.0
				94.00000	73.00000	68.24000	0.0	0.0	0.0
				95.00000	73.00000	68.24000	0.0	0.0	0.0
				96.00000	73.00000	68.24000	0.0	0.0	0.0
				97.00000	73.00000	68.24000	0.0	0.0	0.0
				98.00000	73.00000	68.24000	0.0	0.0	0.0
				99.00000	73.00000	68.24000	0.0	0.0	0.0
				100.00000	73.00000	68.24000	0.0	0.0	0.0
				0.00000	74.00000	68.24000	0.0	0.0	0.0
				1.00000	74.00000	68.24000	0.0	0.0	0.0
				2.00000	74.00000	68.24000	0.0	0.0	0.0
				3.00000	74.00000	68.24000	0.0	0.0	0.0
				4.00000	74.00000	68.24000	0.0	0.0	0.0
				5.00000	74.00000	68.24000	0.0	0.0	0.0
				6.00000	74.00000	68.24000	0.0	0.0	0.0
				7.00000	74.00000	68.24000	0.0	0.0	0.0
				8.00000	74.00000	68.24000	0.0	0.0	0.0
				9.00000	74.00000	68.24000	0.0	0.0	0.0
				10.00000	74.00000	68.24000	0.0	0.0	0.0
				11.00000	74.00000	68.24000	0.0	0.0	0.0
				12.00000	74.00000	68.24000	0.0	0.0	0.0
				13.00000	74.00000	68.24000	0.0	0.0	0.0
				14.00000	74.00000	68.24000	0.0	0.0	0.0
				15.00000	74.00000	68.24000	0.0	0.0	0.0
				16.00000	74.00000	68.24000	0.0	0.0	0.0
				17.00000	74.00000	68.24000	0.0	0.0	0.0
				18.00000	74.00000	68.24000	0.0	0.0	0.0
				19.00000	74.00000	68.24000	0.0	0.0	0.0
				20.00000	74.00000	68.24000	0.0	0.0	0.0
				21.00000	74.00000	68.24000	0.0	0.0	0.0
				22.00000	74.00000	68.24000	0.0	0.0	0.0
				23.00000	74.00000	68.24000	0.0	0.0	0.0
				24.00000	74.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				25.00000	74.00000	68.24000	0.0	0.0	0.0
				26.00000	74.00000	68.24000	0.0	0.0	0.0
				27.00000	74.00000	68.24000	0.0	0.0	0.0
				28.00000	74.00000	68.24000	0.0	0.0	0.0
				29.00000	74.00000	68.24000	0.0	0.0	0.0
				30.00000	74.00000	68.24000	0.0	0.0	0.0
				31.00000	74.00000	68.24000	0.0	0.0	0.0
				32.00000	74.00000	68.24000	0.0	0.0	0.0
				33.00000	74.00000	68.24000	0.0	0.0	0.0
				34.00000	74.00000	68.24000	0.0	0.0	0.0
				35.00000	74.00000	68.24000	0.0	0.0	0.0
				36.00000	74.00000	68.24000	0.0	0.0	0.0
				37.00000	74.00000	68.24000	0.0	0.0	0.0
				38.00000	74.00000	68.24000	0.0	0.0	0.0
				39.00000	74.00000	68.24000	0.0	0.0	0.0
				40.00000	74.00000	68.24000	0.0	0.0	0.0
				41.00000	74.00000	68.24000	0.0	0.0	0.0
				42.00000	74.00000	68.24000	0.0	0.0	0.0
				43.00000	74.00000	68.24000	0.0	0.0	0.0
				44.00000	74.00000	68.24000	0.0	0.0	0.0
				45.00000	74.00000	68.24000	0.0	0.0	0.0
				46.00000	74.00000	68.24000	0.0	0.0	0.0
				47.00000	74.00000	68.24000	0.0	0.0	0.0
				48.00000	74.00000	68.24000	0.0	0.0	0.0
				49.00000	74.00000	68.24000	0.0	0.0	0.0
				50.00000	74.00000	68.24000	0.0	0.0	0.0
				51.00000	74.00000	68.24000	0.0	0.0	0.0
				52.00000	74.00000	68.24000	0.0	0.0	0.0
				53.00000	74.00000	68.24000	0.0	0.0	0.0
				54.00000	74.00000	68.24000	0.0	0.0	0.0
				55.00000	74.00000	68.24000	0.0	0.0	0.0
				56.00000	74.00000	68.24000	0.0	0.0	0.0
				57.00000	74.00000	68.24000	0.0	0.0	0.0
				58.00000	74.00000	68.24000	0.0	0.0	0.0
				59.00000	74.00000	68.24000	0.0	0.0	0.0
				60.00000	74.00000	68.24000	0.0	0.0	0.0
				61.00000	74.00000	68.24000	0.0	0.0	0.0
				62.00000	74.00000	68.24000	0.0	0.0	0.0
				63.00000	74.00000	68.24000	0.0	0.0	0.0
				64.00000	74.00000	68.24000	0.0	0.0	0.0
				65.00000	74.00000	68.24000	0.0	0.0	0.0
				66.00000	74.00000	68.24000	0.0	0.0	0.0
				67.00000	74.00000	68.24000	0.0	0.0	0.0
				68.00000	74.00000	68.24000	0.0	0.0	0.0
				69.00000	74.00000	68.24000	0.0	0.0	0.0
				70.00000	74.00000	68.24000	0.0	0.0	0.0
				71.00000	74.00000	68.24000	0.0	0.0	0.0
				72.00000	74.00000	68.24000	0.0	0.0	0.0
				73.00000	74.00000	68.24000	0.0	0.0	0.0
				74.00000	74.00000	68.24000	0.0	0.0	0.0
				75.00000	74.00000	68.24000	0.0	0.0	0.0
				76.00000	74.00000	68.24000	0.0	0.0	0.0
				77.00000	74.00000	68.24000	0.0	0.0	0.0
				78.00000	74.00000	68.24000	0.0	0.0	0.0
				79.00000	74.00000	68.24000	0.0	0.0	0.0
				80.00000	74.00000	68.24000	0.0	0.0	0.0
				81.00000	74.00000	68.24000	0.0	0.0	0.0
				82.00000	74.00000	68.24000	0.0	0.0	0.0
				83.00000	74.00000	68.24000	0.0	0.0	0.0
				84.00000	74.00000	68.24000	0.0	0.0	0.0
				85.00000	74.00000	68.24000	0.0	0.0	0.0
				86.00000	74.00000	68.24000	0.0	0.0	0.0
				87.00000	74.00000	68.24000	0.0	0.0	0.0
				88.00000	74.00000	68.24000	0.0	0.0	0.0
				89.00000	74.00000	68.24000	0.0	0.0	0.0
				90.00000	74.00000	68.24000	0.0	0.0	0.0
				91.00000	74.00000	68.24000	0.0	0.0	0.0
				92.00000	74.00000	68.24000	0.0	0.0	0.0
				93.00000	74.00000	68.24000	0.0	0.0	0.0
				94.00000	74.00000	68.24000	0.0	0.0	0.0
				95.00000	74.00000	68.24000	0.0	0.0	0.0
				96.00000	74.00000	68.24000	0.0	0.0	0.0
				97.00000	74.00000	68.24000	0.0	0.0	0.0
				98.00000	74.00000	68.24000	0.0	0.0	0.0
				99.00000	74.00000	68.24000	0.0	0.0	0.0
				100.00000	74.00000	68.24000	0.0	0.0	0.0
				0.00000	75.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
1.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
2.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
3.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
4.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
5.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
6.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
7.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
8.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
9.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
10.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
11.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
12.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
13.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
14.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
15.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
16.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
17.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
18.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
19.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
20.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
21.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
22.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
23.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
24.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
25.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
26.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
27.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
28.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
29.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
30.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
31.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
32.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
33.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
34.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
35.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
36.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
37.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
38.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
39.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
40.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
41.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
42.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
43.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
44.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
45.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
46.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
47.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
48.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
49.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
50.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
51.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
52.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
53.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
54.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
55.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
56.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
57.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
58.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
59.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
60.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
61.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
62.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
63.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
64.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
65.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
66.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
67.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
68.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
69.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
70.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
71.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
72.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
73.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
74.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
75.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
76.00000				75.00000	68.24000	0.0	0.0	0.0	0.0
77.00000				75.00000	68.24000	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				78.00000	75.00000	68.24000	0.0	0.0	0.0
				79.00000	75.00000	68.24000	0.0	0.0	0.0
				80.00000	75.00000	68.24000	0.0	0.0	0.0
				81.00000	75.00000	68.24000	0.0	0.0	0.0
				82.00000	75.00000	68.24000	0.0	0.0	0.0
				83.00000	75.00000	68.24000	0.0	0.0	0.0
				84.00000	75.00000	68.24000	0.0	0.0	0.0
				85.00000	75.00000	68.24000	0.0	0.0	0.0
				86.00000	75.00000	68.24000	0.0	0.0	0.0
				87.00000	75.00000	68.24000	0.0	0.0	0.0
				88.00000	75.00000	68.24000	0.0	0.0	0.0
				89.00000	75.00000	68.24000	0.0	0.0	0.0
				90.00000	75.00000	68.24000	0.0	0.0	0.0
				91.00000	75.00000	68.24000	0.0	0.0	0.0
				92.00000	75.00000	68.24000	0.0	0.0	0.0
				93.00000	75.00000	68.24000	0.0	0.0	0.0
				94.00000	75.00000	68.24000	0.0	0.0	0.0
				95.00000	75.00000	68.24000	0.0	0.0	0.0
				96.00000	75.00000	68.24000	0.0	0.0	0.0
				97.00000	75.00000	68.24000	0.0	0.0	0.0
				98.00000	75.00000	68.24000	0.0	0.0	0.0
				99.00000	75.00000	68.24000	0.0	0.0	0.0
				100.00000	75.00000	68.24000	0.0	0.0	0.0
				0.00000	76.00000	68.24000	0.0	0.0	0.0
				1.00000	76.00000	68.24000	0.0	0.0	0.0
				2.00000	76.00000	68.24000	0.0	0.0	0.0
				3.00000	76.00000	68.24000	0.0	0.0	0.0
				4.00000	76.00000	68.24000	0.0	0.0	0.0
				5.00000	76.00000	68.24000	0.0	0.0	0.0
				6.00000	76.00000	68.24000	0.0	0.0	0.0
				7.00000	76.00000	68.24000	0.0	0.0	0.0
				8.00000	76.00000	68.24000	0.0	0.0	0.0
				9.00000	76.00000	68.24000	0.0	0.0	0.0
				10.00000	76.00000	68.24000	0.0	0.0	0.0
				11.00000	76.00000	68.24000	0.0	0.0	0.0
				12.00000	76.00000	68.24000	0.0	0.0	0.0
				13.00000	76.00000	68.24000	0.0	0.0	0.0
				14.00000	76.00000	68.24000	0.0	0.0	0.0
				15.00000	76.00000	68.24000	0.0	0.0	0.0
				16.00000	76.00000	68.24000	0.0	0.0	0.0
				17.00000	76.00000	68.24000	0.0	0.0	0.0
				18.00000	76.00000	68.24000	0.0	0.0	0.0
				19.00000	76.00000	68.24000	0.0	0.0	0.0
				20.00000	76.00000	68.24000	0.0	0.0	0.0
				21.00000	76.00000	68.24000	0.0	0.0	0.0
				22.00000	76.00000	68.24000	0.0	0.0	0.0
				23.00000	76.00000	68.24000	0.0	0.0	0.0
				24.00000	76.00000	68.24000	0.0	0.0	0.0
				25.00000	76.00000	68.24000	0.0	0.0	0.0
				26.00000	76.00000	68.24000	0.0	0.0	0.0
				27.00000	76.00000	68.24000	0.0	0.0	0.0
				28.00000	76.00000	68.24000	0.0	0.0	0.0
				29.00000	76.00000	68.24000	0.0	0.0	0.0
				30.00000	76.00000	68.24000	0.0	0.0	0.0
				31.00000	76.00000	68.24000	0.0	0.0	0.0
				32.00000	76.00000	68.24000	0.0	0.0	0.0
				33.00000	76.00000	68.24000	0.0	0.0	0.0
				34.00000	76.00000	68.24000	0.0	0.0	0.0
				35.00000	76.00000	68.24000	0.0	0.0	0.0
				36.00000	76.00000	68.24000	0.0	0.0	0.0
				37.00000	76.00000	68.24000	0.0	0.0	0.0
				38.00000	76.00000	68.24000	0.0	0.0	0.0
				39.00000	76.00000	68.24000	0.0	0.0	0.0
				40.00000	76.00000	68.24000	0.0	0.0	0.0
				41.00000	76.00000	68.24000	0.0	0.0	0.0
				42.00000	76.00000	68.24000	0.0	0.0	0.0
				43.00000	76.00000	68.24000	0.0	0.0	0.0
				44.00000	76.00000	68.24000	0.0	0.0	0.0
				45.00000	76.00000	68.24000	0.0	0.0	0.0
				46.00000	76.00000	68.24000	0.0	0.0	0.0
				47.00000	76.00000	68.24000	0.0	0.0	0.0
				48.00000	76.00000	68.24000	0.0	0.0	0.0
				49.00000	76.00000	68.24000	0.0	0.0	0.0
				50.00000	76.00000	68.24000	0.0	0.0	0.0
				51.00000	76.00000	68.24000	0.0	0.0	0.0
				52.00000	76.00000	68.24000	0.0	0.0	0.0
				53.00000	76.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				54.00000	76.00000	68.24000	0.0	0.0	0.0
				55.00000	76.00000	68.24000	0.0	0.0	0.0
				56.00000	76.00000	68.24000	0.0	0.0	0.0
				57.00000	76.00000	68.24000	0.0	0.0	0.0
				58.00000	76.00000	68.24000	0.0	0.0	0.0
				59.00000	76.00000	68.24000	0.0	0.0	0.0
				60.00000	76.00000	68.24000	0.0	0.0	0.0
				61.00000	76.00000	68.24000	0.0	0.0	0.0
				62.00000	76.00000	68.24000	0.0	0.0	0.0
				63.00000	76.00000	68.24000	0.0	0.0	0.0
				64.00000	76.00000	68.24000	0.0	0.0	0.0
				65.00000	76.00000	68.24000	0.0	0.0	0.0
				66.00000	76.00000	68.24000	0.0	0.0	0.0
				67.00000	76.00000	68.24000	0.0	0.0	0.0
				68.00000	76.00000	68.24000	0.0	0.0	0.0
				69.00000	76.00000	68.24000	0.0	0.0	0.0
				70.00000	76.00000	68.24000	0.0	0.0	0.0
				71.00000	76.00000	68.24000	0.0	0.0	0.0
				72.00000	76.00000	68.24000	0.0	0.0	0.0
				73.00000	76.00000	68.24000	0.0	0.0	0.0
				74.00000	76.00000	68.24000	0.0	0.0	0.0
				75.00000	76.00000	68.24000	0.0	0.0	0.0
				76.00000	76.00000	68.24000	0.0	0.0	0.0
				77.00000	76.00000	68.24000	0.0	0.0	0.0
				78.00000	76.00000	68.24000	0.0	0.0	0.0
				79.00000	76.00000	68.24000	0.0	0.0	0.0
				80.00000	76.00000	68.24000	0.0	0.0	0.0
				81.00000	76.00000	68.24000	0.0	0.0	0.0
				82.00000	76.00000	68.24000	0.0	0.0	0.0
				83.00000	76.00000	68.24000	0.0	0.0	0.0
				84.00000	76.00000	68.24000	0.0	0.0	0.0
				85.00000	76.00000	68.24000	0.0	0.0	0.0
				86.00000	76.00000	68.24000	0.0	0.0	0.0
				87.00000	76.00000	68.24000	0.0	0.0	0.0
				88.00000	76.00000	68.24000	0.0	0.0	0.0
				89.00000	76.00000	68.24000	0.0	0.0	0.0
				90.00000	76.00000	68.24000	0.0	0.0	0.0
				91.00000	76.00000	68.24000	0.0	0.0	0.0
				92.00000	76.00000	68.24000	0.0	0.0	0.0
				93.00000	76.00000	68.24000	0.0	0.0	0.0
				94.00000	76.00000	68.24000	0.0	0.0	0.0
				95.00000	76.00000	68.24000	0.0	0.0	0.0
				96.00000	76.00000	68.24000	0.0	0.0	0.0
				97.00000	76.00000	68.24000	0.0	0.0	0.0
				98.00000	76.00000	68.24000	0.0	0.0	0.0
				99.00000	76.00000	68.24000	0.0	0.0	0.0
				100.00000	76.00000	68.24000	0.0	0.0	0.0
				0.00000	77.00000	68.24000	0.0	0.0	0.0
				1.00000	77.00000	68.24000	0.0	0.0	0.0
				2.00000	77.00000	68.24000	0.0	0.0	0.0
				3.00000	77.00000	68.24000	0.0	0.0	0.0
				4.00000	77.00000	68.24000	0.0	0.0	0.0
				5.00000	77.00000	68.24000	0.0	0.0	0.0
				6.00000	77.00000	68.24000	0.0	0.0	0.0
				7.00000	77.00000	68.24000	0.0	0.0	0.0
				8.00000	77.00000	68.24000	0.0	0.0	0.0
				9.00000	77.00000	68.24000	0.0	0.0	0.0
				10.00000	77.00000	68.24000	0.0	0.0	0.0
				11.00000	77.00000	68.24000	0.0	0.0	0.0
				12.00000	77.00000	68.24000	0.0	0.0	0.0
				13.00000	77.00000	68.24000	0.0	0.0	0.0
				14.00000	77.00000	68.24000	0.0	0.0	0.0
				15.00000	77.00000	68.24000	0.0	0.0	0.0
				16.00000	77.00000	68.24000	0.0	0.0	0.0
				17.00000	77.00000	68.24000	0.0	0.0	0.0
				18.00000	77.00000	68.24000	0.0	0.0	0.0
				19.00000	77.00000	68.24000	0.0	0.0	0.0
				20.00000	77.00000	68.24000	0.0	0.0	0.0
				21.00000	77.00000	68.24000	0.0	0.0	0.0
				22.00000	77.00000	68.24000	0.0	0.0	0.0
				23.00000	77.00000	68.24000	0.0	0.0	0.0
				24.00000	77.00000	68.24000	0.0	0.0	0.0
				25.00000	77.00000	68.24000	0.0	0.0	0.0
				26.00000	77.00000	68.24000	0.0	0.0	0.0
				27.00000	77.00000	68.24000	0.0	0.0	0.0
				28.00000	77.00000	68.24000	0.0	0.0	0.0
				29.00000	77.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				30.00000	77.00000	68.24000	0.0	0.0	0.0
				31.00000	77.00000	68.24000	0.0	0.0	0.0
				32.00000	77.00000	68.24000	0.0	0.0	0.0
				33.00000	77.00000	68.24000	0.0	0.0	0.0
				34.00000	77.00000	68.24000	0.0	0.0	0.0
				35.00000	77.00000	68.24000	0.0	0.0	0.0
				36.00000	77.00000	68.24000	0.0	0.0	0.0
				37.00000	77.00000	68.24000	0.0	0.0	0.0
				38.00000	77.00000	68.24000	0.0	0.0	0.0
				39.00000	77.00000	68.24000	0.0	0.0	0.0
				40.00000	77.00000	68.24000	0.0	0.0	0.0
				41.00000	77.00000	68.24000	0.0	0.0	0.0
				42.00000	77.00000	68.24000	0.0	0.0	0.0
				43.00000	77.00000	68.24000	0.0	0.0	0.0
				44.00000	77.00000	68.24000	0.0	0.0	0.0
				45.00000	77.00000	68.24000	0.0	0.0	0.0
				46.00000	77.00000	68.24000	0.0	0.0	0.0
				47.00000	77.00000	68.24000	0.0	0.0	0.0
				48.00000	77.00000	68.24000	0.0	0.0	0.0
				49.00000	77.00000	68.24000	0.0	0.0	0.0
				50.00000	77.00000	68.24000	0.0	0.0	0.0
				51.00000	77.00000	68.24000	0.0	0.0	0.0
				52.00000	77.00000	68.24000	0.0	0.0	0.0
				53.00000	77.00000	68.24000	0.0	0.0	0.0
				54.00000	77.00000	68.24000	0.0	0.0	0.0
				55.00000	77.00000	68.24000	0.0	0.0	0.0
				56.00000	77.00000	68.24000	0.0	0.0	0.0
				57.00000	77.00000	68.24000	0.0	0.0	0.0
				58.00000	77.00000	68.24000	0.0	0.0	0.0
				59.00000	77.00000	68.24000	0.0	0.0	0.0
				60.00000	77.00000	68.24000	0.0	0.0	0.0
				61.00000	77.00000	68.24000	0.0	0.0	0.0
				62.00000	77.00000	68.24000	0.0	0.0	0.0
				63.00000	77.00000	68.24000	0.0	0.0	0.0
				64.00000	77.00000	68.24000	0.0	0.0	0.0
				65.00000	77.00000	68.24000	0.0	0.0	0.0
				66.00000	77.00000	68.24000	0.0	0.0	0.0
				67.00000	77.00000	68.24000	0.0	0.0	0.0
				68.00000	77.00000	68.24000	0.0	0.0	0.0
				69.00000	77.00000	68.24000	0.0	0.0	0.0
				70.00000	77.00000	68.24000	0.0	0.0	0.0
				71.00000	77.00000	68.24000	0.0	0.0	0.0
				72.00000	77.00000	68.24000	0.0	0.0	0.0
				73.00000	77.00000	68.24000	0.0	0.0	0.0
				74.00000	77.00000	68.24000	0.0	0.0	0.0
				75.00000	77.00000	68.24000	0.0	0.0	0.0
				76.00000	77.00000	68.24000	0.0	0.0	0.0
				77.00000	77.00000	68.24000	0.0	0.0	0.0
				78.00000	77.00000	68.24000	0.0	0.0	0.0
				79.00000	77.00000	68.24000	0.0	0.0	0.0
				80.00000	77.00000	68.24000	0.0	0.0	0.0
				81.00000	77.00000	68.24000	0.0	0.0	0.0
				82.00000	77.00000	68.24000	0.0	0.0	0.0
				83.00000	77.00000	68.24000	0.0	0.0	0.0
				84.00000	77.00000	68.24000	0.0	0.0	0.0
				85.00000	77.00000	68.24000	0.0	0.0	0.0
				86.00000	77.00000	68.24000	0.0	0.0	0.0
				87.00000	77.00000	68.24000	0.0	0.0	0.0
				88.00000	77.00000	68.24000	0.0	0.0	0.0
				89.00000	77.00000	68.24000	0.0	0.0	0.0
				90.00000	77.00000	68.24000	0.0	0.0	0.0
				91.00000	77.00000	68.24000	0.0	0.0	0.0
				92.00000	77.00000	68.24000	0.0	0.0	0.0
				93.00000	77.00000	68.24000	0.0	0.0	0.0
				94.00000	77.00000	68.24000	0.0	0.0	0.0
				95.00000	77.00000	68.24000	0.0	0.0	0.0
				96.00000	77.00000	68.24000	0.0	0.0	0.0
				97.00000	77.00000	68.24000	0.0	0.0	0.0
				98.00000	77.00000	68.24000	0.0	0.0	0.0
				99.00000	77.00000	68.24000	0.0	0.0	0.0
				100.00000	77.00000	68.24000	0.0	0.0	0.0
				0.00000	78.00000	68.24000	0.0	0.0	0.0
				1.00000	78.00000	68.24000	0.0	0.0	0.0
				2.00000	78.00000	68.24000	0.0	0.0	0.0
				3.00000	78.00000	68.24000	0.0	0.0	0.0
				4.00000	78.00000	68.24000	0.0	0.0	0.0
				5.00000	78.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				6.00000	78.00000	68.24000	0.0	0.0	0.0
				7.00000	78.00000	68.24000	0.0	0.0	0.0
				8.00000	78.00000	68.24000	0.0	0.0	0.0
				9.00000	78.00000	68.24000	0.0	0.0	0.0
				10.00000	78.00000	68.24000	0.0	0.0	0.0
				11.00000	78.00000	68.24000	0.0	0.0	0.0
				12.00000	78.00000	68.24000	0.0	0.0	0.0
				13.00000	78.00000	68.24000	0.0	0.0	0.0
				14.00000	78.00000	68.24000	0.0	0.0	0.0
				15.00000	78.00000	68.24000	0.0	0.0	0.0
				16.00000	78.00000	68.24000	0.0	0.0	0.0
				17.00000	78.00000	68.24000	0.0	0.0	0.0
				18.00000	78.00000	68.24000	0.0	0.0	0.0
				19.00000	78.00000	68.24000	0.0	0.0	0.0
				20.00000	78.00000	68.24000	0.0	0.0	0.0
				21.00000	78.00000	68.24000	0.0	0.0	0.0
				22.00000	78.00000	68.24000	0.0	0.0	0.0
				23.00000	78.00000	68.24000	0.0	0.0	0.0
				24.00000	78.00000	68.24000	0.0	0.0	0.0
				25.00000	78.00000	68.24000	0.0	0.0	0.0
				26.00000	78.00000	68.24000	0.0	0.0	0.0
				27.00000	78.00000	68.24000	0.0	0.0	0.0
				28.00000	78.00000	68.24000	0.0	0.0	0.0
				29.00000	78.00000	68.24000	0.0	0.0	0.0
				30.00000	78.00000	68.24000	0.0	0.0	0.0
				31.00000	78.00000	68.24000	0.0	0.0	0.0
				32.00000	78.00000	68.24000	0.0	0.0	0.0
				33.00000	78.00000	68.24000	0.0	0.0	0.0
				34.00000	78.00000	68.24000	0.0	0.0	0.0
				35.00000	78.00000	68.24000	0.0	0.0	0.0
				36.00000	78.00000	68.24000	0.0	0.0	0.0
				37.00000	78.00000	68.24000	0.0	0.0	0.0
				38.00000	78.00000	68.24000	0.0	0.0	0.0
				39.00000	78.00000	68.24000	0.0	0.0	0.0
				40.00000	78.00000	68.24000	0.0	0.0	0.0
				41.00000	78.00000	68.24000	0.0	0.0	0.0
				42.00000	78.00000	68.24000	0.0	0.0	0.0
				43.00000	78.00000	68.24000	0.0	0.0	0.0
				44.00000	78.00000	68.24000	0.0	0.0	0.0
				45.00000	78.00000	68.24000	0.0	0.0	0.0
				46.00000	78.00000	68.24000	0.0	0.0	0.0
				47.00000	78.00000	68.24000	0.0	0.0	0.0
				48.00000	78.00000	68.24000	0.0	0.0	0.0
				49.00000	78.00000	68.24000	0.0	0.0	0.0
				50.00000	78.00000	68.24000	0.0	0.0	0.0
				51.00000	78.00000	68.24000	0.0	0.0	0.0
				52.00000	78.00000	68.24000	0.0	0.0	0.0
				53.00000	78.00000	68.24000	0.0	0.0	0.0
				54.00000	78.00000	68.24000	0.0	0.0	0.0
				55.00000	78.00000	68.24000	0.0	0.0	0.0
				56.00000	78.00000	68.24000	0.0	0.0	0.0
				57.00000	78.00000	68.24000	0.0	0.0	0.0
				58.00000	78.00000	68.24000	0.0	0.0	0.0
				59.00000	78.00000	68.24000	0.0	0.0	0.0
				60.00000	78.00000	68.24000	0.0	0.0	0.0
				61.00000	78.00000	68.24000	0.0	0.0	0.0
				62.00000	78.00000	68.24000	0.0	0.0	0.0
				63.00000	78.00000	68.24000	0.0	0.0	0.0
				64.00000	78.00000	68.24000	0.0	0.0	0.0
				65.00000	78.00000	68.24000	0.0	0.0	0.0
				66.00000	78.00000	68.24000	0.0	0.0	0.0
				67.00000	78.00000	68.24000	0.0	0.0	0.0
				68.00000	78.00000	68.24000	0.0	0.0	0.0
				69.00000	78.00000	68.24000	0.0	0.0	0.0
				70.00000	78.00000	68.24000	0.0	0.0	0.0
				71.00000	78.00000	68.24000	0.0	0.0	0.0
				72.00000	78.00000	68.24000	0.0	0.0	0.0
				73.00000	78.00000	68.24000	0.0	0.0	0.0
				74.00000	78.00000	68.24000	0.0	0.0	0.0
				75.00000	78.00000	68.24000	0.0	0.0	0.0
				76.00000	78.00000	68.24000	0.0	0.0	0.0
				77.00000	78.00000	68.24000	0.0	0.0	0.0
				78.00000	78.00000	68.24000	0.0	0.0	0.0
				79.00000	78.00000	68.24000	0.0	0.0	0.0
				80.00000	78.00000	68.24000	0.0	0.0	0.0
				81.00000	78.00000	68.24000	0.0	0.0	0.0
				82.00000	78.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				83.00000	78.00000	68.24000	0.0	0.0	0.0
				84.00000	78.00000	68.24000	0.0	0.0	0.0
				85.00000	78.00000	68.24000	0.0	0.0	0.0
				86.00000	78.00000	68.24000	0.0	0.0	0.0
				87.00000	78.00000	68.24000	0.0	0.0	0.0
				88.00000	78.00000	68.24000	0.0	0.0	0.0
				89.00000	78.00000	68.24000	0.0	0.0	0.0
				90.00000	78.00000	68.24000	0.0	0.0	0.0
				91.00000	78.00000	68.24000	0.0	0.0	0.0
				92.00000	78.00000	68.24000	0.0	0.0	0.0
				93.00000	78.00000	68.24000	0.0	0.0	0.0
				94.00000	78.00000	68.24000	0.0	0.0	0.0
				95.00000	78.00000	68.24000	0.0	0.0	0.0
				96.00000	78.00000	68.24000	0.0	0.0	0.0
				97.00000	78.00000	68.24000	0.0	0.0	0.0
				98.00000	78.00000	68.24000	0.0	0.0	0.0
				99.00000	78.00000	68.24000	0.0	0.0	0.0
				100.00000	78.00000	68.24000	0.0	0.0	0.0
				0.00000	79.00000	68.24000	0.0	0.0	0.0
				1.00000	79.00000	68.24000	0.0	0.0	0.0
				2.00000	79.00000	68.24000	0.0	0.0	0.0
				3.00000	79.00000	68.24000	0.0	0.0	0.0
				4.00000	79.00000	68.24000	0.0	0.0	0.0
				5.00000	79.00000	68.24000	0.0	0.0	0.0
				6.00000	79.00000	68.24000	0.0	0.0	0.0
				7.00000	79.00000	68.24000	0.0	0.0	0.0
				8.00000	79.00000	68.24000	0.0	0.0	0.0
				9.00000	79.00000	68.24000	0.0	0.0	0.0
				10.00000	79.00000	68.24000	0.0	0.0	0.0
				11.00000	79.00000	68.24000	0.0	0.0	0.0
				12.00000	79.00000	68.24000	0.0	0.0	0.0
				13.00000	79.00000	68.24000	0.0	0.0	0.0
				14.00000	79.00000	68.24000	0.0	0.0	0.0
				15.00000	79.00000	68.24000	0.0	0.0	0.0
				16.00000	79.00000	68.24000	0.0	0.0	0.0
				17.00000	79.00000	68.24000	0.0	0.0	0.0
				18.00000	79.00000	68.24000	0.0	0.0	0.0
				19.00000	79.00000	68.24000	0.0	0.0	0.0
				20.00000	79.00000	68.24000	0.0	0.0	0.0
				21.00000	79.00000	68.24000	0.0	0.0	0.0
				22.00000	79.00000	68.24000	0.0	0.0	0.0
				23.00000	79.00000	68.24000	0.0	0.0	0.0
				24.00000	79.00000	68.24000	0.0	0.0	0.0
				25.00000	79.00000	68.24000	0.0	0.0	0.0
				26.00000	79.00000	68.24000	0.0	0.0	0.0
				27.00000	79.00000	68.24000	0.0	0.0	0.0
				28.00000	79.00000	68.24000	0.0	0.0	0.0
				29.00000	79.00000	68.24000	0.0	0.0	0.0
				30.00000	79.00000	68.24000	0.0	0.0	0.0
				31.00000	79.00000	68.24000	0.0	0.0	0.0
				32.00000	79.00000	68.24000	0.0	0.0	0.0
				33.00000	79.00000	68.24000	0.0	0.0	0.0
				34.00000	79.00000	68.24000	0.0	0.0	0.0
				35.00000	79.00000	68.24000	0.0	0.0	0.0
				36.00000	79.00000	68.24000	0.0	0.0	0.0
				37.00000	79.00000	68.24000	0.0	0.0	0.0
				38.00000	79.00000	68.24000	0.0	0.0	0.0
				39.00000	79.00000	68.24000	0.0	0.0	0.0
				40.00000	79.00000	68.24000	0.0	0.0	0.0
				41.00000	79.00000	68.24000	0.0	0.0	0.0
				42.00000	79.00000	68.24000	0.0	0.0	0.0
				43.00000	79.00000	68.24000	0.0	0.0	0.0
				44.00000	79.00000	68.24000	0.0	0.0	0.0
				45.00000	79.00000	68.24000	0.0	0.0	0.0
				46.00000	79.00000	68.24000	0.0	0.0	0.0
				47.00000	79.00000	68.24000	0.0	0.0	0.0
				48.00000	79.00000	68.24000	0.0	0.0	0.0
				49.00000	79.00000	68.24000	0.0	0.0	0.0
				50.00000	79.00000	68.24000	0.0	0.0	0.0
				51.00000	79.00000	68.24000	0.0	0.0	0.0
				52.00000	79.00000	68.24000	0.0	0.0	0.0
				53.00000	79.00000	68.24000	0.0	0.0	0.0
				54.00000	79.00000	68.24000	0.0	0.0	0.0
				55.00000	79.00000	68.24000	0.0	0.0	0.0
				56.00000	79.00000	68.24000	0.0	0.0	0.0
				57.00000	79.00000	68.24000	0.0	0.0	0.0
				58.00000	79.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.00000	79.00000	68.24000	0.0	0.0	0.0
				60.00000	79.00000	68.24000	0.0	0.0	0.0
				61.00000	79.00000	68.24000	0.0	0.0	0.0
				62.00000	79.00000	68.24000	0.0	0.0	0.0
				63.00000	79.00000	68.24000	0.0	0.0	0.0
				64.00000	79.00000	68.24000	0.0	0.0	0.0
				65.00000	79.00000	68.24000	0.0	0.0	0.0
				66.00000	79.00000	68.24000	0.0	0.0	0.0
				67.00000	79.00000	68.24000	0.0	0.0	0.0
				68.00000	79.00000	68.24000	0.0	0.0	0.0
				69.00000	79.00000	68.24000	0.0	0.0	0.0
				70.00000	79.00000	68.24000	0.0	0.0	0.0
				71.00000	79.00000	68.24000	0.0	0.0	0.0
				72.00000	79.00000	68.24000	0.0	0.0	0.0
				73.00000	79.00000	68.24000	0.0	0.0	0.0
				74.00000	79.00000	68.24000	0.0	0.0	0.0
				75.00000	79.00000	68.24000	0.0	0.0	0.0
				76.00000	79.00000	68.24000	0.0	0.0	0.0
				77.00000	79.00000	68.24000	0.0	0.0	0.0
				78.00000	79.00000	68.24000	0.0	0.0	0.0
				79.00000	79.00000	68.24000	0.0	0.0	0.0
				80.00000	79.00000	68.24000	0.0	0.0	0.0
				81.00000	79.00000	68.24000	0.0	0.0	0.0
				82.00000	79.00000	68.24000	0.0	0.0	0.0
				83.00000	79.00000	68.24000	0.0	0.0	0.0
				84.00000	79.00000	68.24000	0.0	0.0	0.0
				85.00000	79.00000	68.24000	0.0	0.0	0.0
				86.00000	79.00000	68.24000	0.0	0.0	0.0
				87.00000	79.00000	68.24000	0.0	0.0	0.0
				88.00000	79.00000	68.24000	0.0	0.0	0.0
				89.00000	79.00000	68.24000	0.0	0.0	0.0
				90.00000	79.00000	68.24000	0.0	0.0	0.0
				91.00000	79.00000	68.24000	0.0	0.0	0.0
				92.00000	79.00000	68.24000	0.0	0.0	0.0
				93.00000	79.00000	68.24000	0.0	0.0	0.0
				94.00000	79.00000	68.24000	0.0	0.0	0.0
				95.00000	79.00000	68.24000	0.0	0.0	0.0
				96.00000	79.00000	68.24000	0.0	0.0	0.0
				97.00000	79.00000	68.24000	0.0	0.0	0.0
				98.00000	79.00000	68.24000	0.0	0.0	0.0
				99.00000	79.00000	68.24000	0.0	0.0	0.0
				100.00000	79.00000	68.24000	0.0	0.0	0.0
				0.00000	80.00000	68.24000	0.0	0.0	0.0
				1.00000	80.00000	68.24000	0.0	0.0	0.0
				2.00000	80.00000	68.24000	0.0	0.0	0.0
				3.00000	80.00000	68.24000	0.0	0.0	0.0
				4.00000	80.00000	68.24000	0.0	0.0	0.0
				5.00000	80.00000	68.24000	0.0	0.0	0.0
				6.00000	80.00000	68.24000	0.0	0.0	0.0
				7.00000	80.00000	68.24000	0.0	0.0	0.0
				8.00000	80.00000	68.24000	0.0	0.0	0.0
				9.00000	80.00000	68.24000	0.0	0.0	0.0
				10.00000	80.00000	68.24000	0.0	0.0	0.0
				11.00000	80.00000	68.24000	0.0	0.0	0.0
				12.00000	80.00000	68.24000	0.0	0.0	0.0
				13.00000	80.00000	68.24000	0.0	0.0	0.0
				14.00000	80.00000	68.24000	0.0	0.0	0.0
				15.00000	80.00000	68.24000	0.0	0.0	0.0
				16.00000	80.00000	68.24000	0.0	0.0	0.0
				17.00000	80.00000	68.24000	0.0	0.0	0.0
				18.00000	80.00000	68.24000	0.0	0.0	0.0
				19.00000	80.00000	68.24000	0.0	0.0	0.0
				20.00000	80.00000	68.24000	0.0	0.0	0.0
				21.00000	80.00000	68.24000	0.0	0.0	0.0
				22.00000	80.00000	68.24000	0.0	0.0	0.0
				23.00000	80.00000	68.24000	0.0	0.0	0.0
				24.00000	80.00000	68.24000	0.0	0.0	0.0
				25.00000	80.00000	68.24000	0.0	0.0	0.0
				26.00000	80.00000	68.24000	0.0	0.0	0.0
				27.00000	80.00000	68.24000	0.0	0.0	0.0
				28.00000	80.00000	68.24000	0.0	0.0	0.0
				29.00000	80.00000	68.24000	0.0	0.0	0.0
				30.00000	80.00000	68.24000	0.0	0.0	0.0
				31.00000	80.00000	68.24000	0.0	0.0	0.0
				32.00000	80.00000	68.24000	0.0	0.0	0.0
				33.00000	80.00000	68.24000	0.0	0.0	0.0
				34.00000	80.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				35.00000	80.00000	68.24000	0.0	0.0	0.0
				36.00000	80.00000	68.24000	0.0	0.0	0.0
				37.00000	80.00000	68.24000	0.0	0.0	0.0
				38.00000	80.00000	68.24000	0.0	0.0	0.0
				39.00000	80.00000	68.24000	0.0	0.0	0.0
				40.00000	80.00000	68.24000	0.0	0.0	0.0
				41.00000	80.00000	68.24000	0.0	0.0	0.0
				42.00000	80.00000	68.24000	0.0	0.0	0.0
				43.00000	80.00000	68.24000	0.0	0.0	0.0
				44.00000	80.00000	68.24000	0.0	0.0	0.0
				45.00000	80.00000	68.24000	0.0	0.0	0.0
				46.00000	80.00000	68.24000	0.0	0.0	0.0
				47.00000	80.00000	68.24000	0.0	0.0	0.0
				48.00000	80.00000	68.24000	0.0	0.0	0.0
				49.00000	80.00000	68.24000	0.0	0.0	0.0
				50.00000	80.00000	68.24000	0.0	0.0	0.0
				51.00000	80.00000	68.24000	0.0	0.0	0.0
				52.00000	80.00000	68.24000	0.0	0.0	0.0
				53.00000	80.00000	68.24000	0.0	0.0	0.0
				54.00000	80.00000	68.24000	0.0	0.0	0.0
				55.00000	80.00000	68.24000	0.0	0.0	0.0
				56.00000	80.00000	68.24000	0.0	0.0	0.0
				57.00000	80.00000	68.24000	0.0	0.0	0.0
				58.00000	80.00000	68.24000	0.0	0.0	0.0
				59.00000	80.00000	68.24000	0.0	0.0	0.0
				60.00000	80.00000	68.24000	0.0	0.0	0.0
				61.00000	80.00000	68.24000	0.0	0.0	0.0
				62.00000	80.00000	68.24000	0.0	0.0	0.0
				63.00000	80.00000	68.24000	0.0	0.0	0.0
				64.00000	80.00000	68.24000	0.0	0.0	0.0
				65.00000	80.00000	68.24000	0.0	0.0	0.0
				66.00000	80.00000	68.24000	0.0	0.0	0.0
				67.00000	80.00000	68.24000	0.0	0.0	0.0
				68.00000	80.00000	68.24000	0.0	0.0	0.0
				69.00000	80.00000	68.24000	0.0	0.0	0.0
				70.00000	80.00000	68.24000	0.0	0.0	0.0
				71.00000	80.00000	68.24000	0.0	0.0	0.0
				72.00000	80.00000	68.24000	0.0	0.0	0.0
				73.00000	80.00000	68.24000	0.0	0.0	0.0
				74.00000	80.00000	68.24000	0.0	0.0	0.0
				75.00000	80.00000	68.24000	0.0	0.0	0.0
				76.00000	80.00000	68.24000	0.0	0.0	0.0
				77.00000	80.00000	68.24000	0.0	0.0	0.0
				78.00000	80.00000	68.24000	0.0	0.0	0.0
				79.00000	80.00000	68.24000	0.0	0.0	0.0
				80.00000	80.00000	68.24000	0.0	0.0	0.0
				81.00000	80.00000	68.24000	0.0	0.0	0.0
				82.00000	80.00000	68.24000	0.0	0.0	0.0
				83.00000	80.00000	68.24000	0.0	0.0	0.0
				84.00000	80.00000	68.24000	0.0	0.0	0.0
				85.00000	80.00000	68.24000	0.0	0.0	0.0
				86.00000	80.00000	68.24000	0.0	0.0	0.0
				87.00000	80.00000	68.24000	0.0	0.0	0.0
				88.00000	80.00000	68.24000	0.0	0.0	0.0
				89.00000	80.00000	68.24000	0.0	0.0	0.0
				90.00000	80.00000	68.24000	0.0	0.0	0.0
				91.00000	80.00000	68.24000	0.0	0.0	0.0
				92.00000	80.00000	68.24000	0.0	0.0	0.0
				93.00000	80.00000	68.24000	0.0	0.0	0.0
				94.00000	80.00000	68.24000	0.0	0.0	0.0
				95.00000	80.00000	68.24000	0.0	0.0	0.0
				96.00000	80.00000	68.24000	0.0	0.0	0.0
				97.00000	80.00000	68.24000	0.0	0.0	0.0
				98.00000	80.00000	68.24000	0.0	0.0	0.0
				99.00000	80.00000	68.24000	0.0	0.0	0.0
				100.00000	80.00000	68.24000	0.0	0.0	0.0
				0.00000	81.00000	68.24000	0.0	0.0	0.0
				1.00000	81.00000	68.24000	0.0	0.0	0.0
				2.00000	81.00000	68.24000	0.0	0.0	0.0
				3.00000	81.00000	68.24000	0.0	0.0	0.0
				4.00000	81.00000	68.24000	0.0	0.0	0.0
				5.00000	81.00000	68.24000	0.0	0.0	0.0
				6.00000	81.00000	68.24000	0.0	0.0	0.0
				7.00000	81.00000	68.24000	0.0	0.0	0.0
				8.00000	81.00000	68.24000	0.0	0.0	0.0
				9.00000	81.00000	68.24000	0.0	0.0	0.0
				10.00000	81.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				11.00000	81.00000	68.24000	0.0	0.0	0.0
				12.00000	81.00000	68.24000	0.0	0.0	0.0
				13.00000	81.00000	68.24000	0.0	0.0	0.0
				14.00000	81.00000	68.24000	0.0	0.0	0.0
				15.00000	81.00000	68.24000	0.0	0.0	0.0
				16.00000	81.00000	68.24000	0.0	0.0	0.0
				17.00000	81.00000	68.24000	0.0	0.0	0.0
				18.00000	81.00000	68.24000	0.0	0.0	0.0
				19.00000	81.00000	68.24000	0.0	0.0	0.0
				20.00000	81.00000	68.24000	0.0	0.0	0.0
				21.00000	81.00000	68.24000	0.0	0.0	0.0
				22.00000	81.00000	68.24000	0.0	0.0	0.0
				23.00000	81.00000	68.24000	0.0	0.0	0.0
				24.00000	81.00000	68.24000	0.0	0.0	0.0
				25.00000	81.00000	68.24000	0.0	0.0	0.0
				26.00000	81.00000	68.24000	0.0	0.0	0.0
				27.00000	81.00000	68.24000	0.0	0.0	0.0
				28.00000	81.00000	68.24000	0.0	0.0	0.0
				29.00000	81.00000	68.24000	0.0	0.0	0.0
				30.00000	81.00000	68.24000	0.0	0.0	0.0
				31.00000	81.00000	68.24000	0.0	0.0	0.0
				32.00000	81.00000	68.24000	0.0	0.0	0.0
				33.00000	81.00000	68.24000	0.0	0.0	0.0
				34.00000	81.00000	68.24000	0.0	0.0	0.0
				35.00000	81.00000	68.24000	0.0	0.0	0.0
				36.00000	81.00000	68.24000	0.0	0.0	0.0
				37.00000	81.00000	68.24000	0.0	0.0	0.0
				38.00000	81.00000	68.24000	0.0	0.0	0.0
				39.00000	81.00000	68.24000	0.0	0.0	0.0
				40.00000	81.00000	68.24000	0.0	0.0	0.0
				41.00000	81.00000	68.24000	0.0	0.0	0.0
				42.00000	81.00000	68.24000	0.0	0.0	0.0
				43.00000	81.00000	68.24000	0.0	0.0	0.0
				44.00000	81.00000	68.24000	0.0	0.0	0.0
				45.00000	81.00000	68.24000	0.0	0.0	0.0
				46.00000	81.00000	68.24000	0.0	0.0	0.0
				47.00000	81.00000	68.24000	0.0	0.0	0.0
				48.00000	81.00000	68.24000	0.0	0.0	0.0
				49.00000	81.00000	68.24000	0.0	0.0	0.0
				50.00000	81.00000	68.24000	0.0	0.0	0.0
				51.00000	81.00000	68.24000	0.0	0.0	0.0
				52.00000	81.00000	68.24000	0.0	0.0	0.0
				53.00000	81.00000	68.24000	0.0	0.0	0.0
				54.00000	81.00000	68.24000	0.0	0.0	0.0
				55.00000	81.00000	68.24000	0.0	0.0	0.0
				56.00000	81.00000	68.24000	0.0	0.0	0.0
				57.00000	81.00000	68.24000	0.0	0.0	0.0
				58.00000	81.00000	68.24000	0.0	0.0	0.0
				59.00000	81.00000	68.24000	0.0	0.0	0.0
				60.00000	81.00000	68.24000	0.0	0.0	0.0
				61.00000	81.00000	68.24000	0.0	0.0	0.0
				62.00000	81.00000	68.24000	0.0	0.0	0.0
				63.00000	81.00000	68.24000	0.0	0.0	0.0
				64.00000	81.00000	68.24000	0.0	0.0	0.0
				65.00000	81.00000	68.24000	0.0	0.0	0.0
				66.00000	81.00000	68.24000	0.0	0.0	0.0
				67.00000	81.00000	68.24000	0.0	0.0	0.0
				68.00000	81.00000	68.24000	0.0	0.0	0.0
				69.00000	81.00000	68.24000	0.0	0.0	0.0
				70.00000	81.00000	68.24000	0.0	0.0	0.0
				71.00000	81.00000	68.24000	0.0	0.0	0.0
				72.00000	81.00000	68.24000	0.0	0.0	0.0
				73.00000	81.00000	68.24000	0.0	0.0	0.0
				74.00000	81.00000	68.24000	0.0	0.0	0.0
				75.00000	81.00000	68.24000	0.0	0.0	0.0
				76.00000	81.00000	68.24000	0.0	0.0	0.0
				77.00000	81.00000	68.24000	0.0	0.0	0.0
				78.00000	81.00000	68.24000	0.0	0.0	0.0
				79.00000	81.00000	68.24000	0.0	0.0	0.0
				80.00000	81.00000	68.24000	0.0	0.0	0.0
				81.00000	81.00000	68.24000	0.0	0.0	0.0
				82.00000	81.00000	68.24000	0.0	0.0	0.0
				83.00000	81.00000	68.24000	0.0	0.0	0.0
				84.00000	81.00000	68.24000	0.0	0.0	0.0
				85.00000	81.00000	68.24000	0.0	0.0	0.0
				86.00000	81.00000	68.24000	0.0	0.0	0.0
				87.00000	81.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				88.00000	81.00000	68.24000	0.0	0.0	0.0
				89.00000	81.00000	68.24000	0.0	0.0	0.0
				90.00000	81.00000	68.24000	0.0	0.0	0.0
				91.00000	81.00000	68.24000	0.0	0.0	0.0
				92.00000	81.00000	68.24000	0.0	0.0	0.0
				93.00000	81.00000	68.24000	0.0	0.0	0.0
				94.00000	81.00000	68.24000	0.0	0.0	0.0
				95.00000	81.00000	68.24000	0.0	0.0	0.0
				96.00000	81.00000	68.24000	0.0	0.0	0.0
				97.00000	81.00000	68.24000	0.0	0.0	0.0
				98.00000	81.00000	68.24000	0.0	0.0	0.0
				99.00000	81.00000	68.24000	0.0	0.0	0.0
				100.00000	81.00000	68.24000	0.0	0.0	0.0
				0.00000	82.00000	68.24000	0.0	0.0	0.0
				1.00000	82.00000	68.24000	0.0	0.0	0.0
				2.00000	82.00000	68.24000	0.0	0.0	0.0
				3.00000	82.00000	68.24000	0.0	0.0	0.0
				4.00000	82.00000	68.24000	0.0	0.0	0.0
				5.00000	82.00000	68.24000	0.0	0.0	0.0
				6.00000	82.00000	68.24000	0.0	0.0	0.0
				7.00000	82.00000	68.24000	0.0	0.0	0.0
				8.00000	82.00000	68.24000	0.0	0.0	0.0
				9.00000	82.00000	68.24000	0.0	0.0	0.0
				10.00000	82.00000	68.24000	0.0	0.0	0.0
				11.00000	82.00000	68.24000	0.0	0.0	0.0
				12.00000	82.00000	68.24000	0.0	0.0	0.0
				13.00000	82.00000	68.24000	0.0	0.0	0.0
				14.00000	82.00000	68.24000	0.0	0.0	0.0
				15.00000	82.00000	68.24000	0.0	0.0	0.0
				16.00000	82.00000	68.24000	0.0	0.0	0.0
				17.00000	82.00000	68.24000	0.0	0.0	0.0
				18.00000	82.00000	68.24000	0.0	0.0	0.0
				19.00000	82.00000	68.24000	0.0	0.0	0.0
				20.00000	82.00000	68.24000	0.0	0.0	0.0
				21.00000	82.00000	68.24000	0.0	0.0	0.0
				22.00000	82.00000	68.24000	0.0	0.0	0.0
				23.00000	82.00000	68.24000	0.0	0.0	0.0
				24.00000	82.00000	68.24000	0.0	0.0	0.0
				25.00000	82.00000	68.24000	0.0	0.0	0.0
				26.00000	82.00000	68.24000	0.0	0.0	0.0
				27.00000	82.00000	68.24000	0.0	0.0	0.0
				28.00000	82.00000	68.24000	0.0	0.0	0.0
				29.00000	82.00000	68.24000	0.0	0.0	0.0
				30.00000	82.00000	68.24000	0.0	0.0	0.0
				31.00000	82.00000	68.24000	0.0	0.0	0.0
				32.00000	82.00000	68.24000	0.0	0.0	0.0
				33.00000	82.00000	68.24000	0.0	0.0	0.0
				34.00000	82.00000	68.24000	0.0	0.0	0.0
				35.00000	82.00000	68.24000	0.0	0.0	0.0
				36.00000	82.00000	68.24000	0.0	0.0	0.0
				37.00000	82.00000	68.24000	0.0	0.0	0.0
				38.00000	82.00000	68.24000	0.0	0.0	0.0
				39.00000	82.00000	68.24000	0.0	0.0	0.0
				40.00000	82.00000	68.24000	0.0	0.0	0.0
				41.00000	82.00000	68.24000	0.0	0.0	0.0
				42.00000	82.00000	68.24000	0.0	0.0	0.0
				43.00000	82.00000	68.24000	0.0	0.0	0.0
				44.00000	82.00000	68.24000	0.0	0.0	0.0
				45.00000	82.00000	68.24000	0.0	0.0	0.0
				46.00000	82.00000	68.24000	0.0	0.0	0.0
				47.00000	82.00000	68.24000	0.0	0.0	0.0
				48.00000	82.00000	68.24000	0.0	0.0	0.0
				49.00000	82.00000	68.24000	0.0	0.0	0.0
				50.00000	82.00000	68.24000	0.0	0.0	0.0
				51.00000	82.00000	68.24000	0.0	0.0	0.0
				52.00000	82.00000	68.24000	0.0	0.0	0.0
				53.00000	82.00000	68.24000	0.0	0.0	0.0
				54.00000	82.00000	68.24000	0.0	0.0	0.0
				55.00000	82.00000	68.24000	0.0	0.0	0.0
				56.00000	82.00000	68.24000	0.0	0.0	0.0
				57.00000	82.00000	68.24000	0.0	0.0	0.0
				58.00000	82.00000	68.24000	0.0	0.0	0.0
				59.00000	82.00000	68.24000	0.0	0.0	0.0
				60.00000	82.00000	68.24000	0.0	0.0	0.0
				61.00000	82.00000	68.24000	0.0	0.0	0.0
				62.00000	82.00000	68.24000	0.0	0.0	0.0
				63.00000	82.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				64.00000	82.00000	68.24000	0.0	0.0	0.0
				65.00000	82.00000	68.24000	0.0	0.0	0.0
				66.00000	82.00000	68.24000	0.0	0.0	0.0
				67.00000	82.00000	68.24000	0.0	0.0	0.0
				68.00000	82.00000	68.24000	0.0	0.0	0.0
				69.00000	82.00000	68.24000	0.0	0.0	0.0
				70.00000	82.00000	68.24000	0.0	0.0	0.0
				71.00000	82.00000	68.24000	0.0	0.0	0.0
				72.00000	82.00000	68.24000	0.0	0.0	0.0
				73.00000	82.00000	68.24000	0.0	0.0	0.0
				74.00000	82.00000	68.24000	0.0	0.0	0.0
				75.00000	82.00000	68.24000	0.0	0.0	0.0
				76.00000	82.00000	68.24000	0.0	0.0	0.0
				77.00000	82.00000	68.24000	0.0	0.0	0.0
				78.00000	82.00000	68.24000	0.0	0.0	0.0
				79.00000	82.00000	68.24000	0.0	0.0	0.0
				80.00000	82.00000	68.24000	0.0	0.0	0.0
				81.00000	82.00000	68.24000	0.0	0.0	0.0
				82.00000	82.00000	68.24000	0.0	0.0	0.0
				83.00000	82.00000	68.24000	0.0	0.0	0.0
				84.00000	82.00000	68.24000	0.0	0.0	0.0
				85.00000	82.00000	68.24000	0.0	0.0	0.0
				86.00000	82.00000	68.24000	0.0	0.0	0.0
				87.00000	82.00000	68.24000	0.0	0.0	0.0
				88.00000	82.00000	68.24000	0.0	0.0	0.0
				89.00000	82.00000	68.24000	0.0	0.0	0.0
				90.00000	82.00000	68.24000	0.0	0.0	0.0
				91.00000	82.00000	68.24000	0.0	0.0	0.0
				92.00000	82.00000	68.24000	0.0	0.0	0.0
				93.00000	82.00000	68.24000	0.0	0.0	0.0
				94.00000	82.00000	68.24000	0.0	0.0	0.0
				95.00000	82.00000	68.24000	0.0	0.0	0.0
				96.00000	82.00000	68.24000	0.0	0.0	0.0
				97.00000	82.00000	68.24000	0.0	0.0	0.0
				98.00000	82.00000	68.24000	0.0	0.0	0.0
				99.00000	82.00000	68.24000	0.0	0.0	0.0
				100.00000	82.00000	68.24000	0.0	0.0	0.0
				0.00000	83.00000	68.24000	0.0	0.0	0.0
				1.00000	83.00000	68.24000	0.0	0.0	0.0
				2.00000	83.00000	68.24000	0.0	0.0	0.0
				3.00000	83.00000	68.24000	0.0	0.0	0.0
				4.00000	83.00000	68.24000	0.0	0.0	0.0
				5.00000	83.00000	68.24000	0.0	0.0	0.0
				6.00000	83.00000	68.24000	0.0	0.0	0.0
				7.00000	83.00000	68.24000	0.0	0.0	0.0
				8.00000	83.00000	68.24000	0.0	0.0	0.0
				9.00000	83.00000	68.24000	0.0	0.0	0.0
				10.00000	83.00000	68.24000	0.0	0.0	0.0
				11.00000	83.00000	68.24000	0.0	0.0	0.0
				12.00000	83.00000	68.24000	0.0	0.0	0.0
				13.00000	83.00000	68.24000	0.0	0.0	0.0
				14.00000	83.00000	68.24000	0.0	0.0	0.0
				15.00000	83.00000	68.24000	0.0	0.0	0.0
				16.00000	83.00000	68.24000	0.0	0.0	0.0
				17.00000	83.00000	68.24000	0.0	0.0	0.0
				18.00000	83.00000	68.24000	0.0	0.0	0.0
				19.00000	83.00000	68.24000	0.0	0.0	0.0
				20.00000	83.00000	68.24000	0.0	0.0	0.0
				21.00000	83.00000	68.24000	0.0	0.0	0.0
				22.00000	83.00000	68.24000	0.0	0.0	0.0
				23.00000	83.00000	68.24000	0.0	0.0	0.0
				24.00000	83.00000	68.24000	0.0	0.0	0.0
				25.00000	83.00000	68.24000	0.0	0.0	0.0
				26.00000	83.00000	68.24000	0.0	0.0	0.0
				27.00000	83.00000	68.24000	0.0	0.0	0.0
				28.00000	83.00000	68.24000	0.0	0.0	0.0
				29.00000	83.00000	68.24000	0.0	0.0	0.0
				30.00000	83.00000	68.24000	0.0	0.0	0.0
				31.00000	83.00000	68.24000	0.0	0.0	0.0
				32.00000	83.00000	68.24000	0.0	0.0	0.0
				33.00000	83.00000	68.24000	0.0	0.0	0.0
				34.00000	83.00000	68.24000	0.0	0.0	0.0
				35.00000	83.00000	68.24000	0.0	0.0	0.0
				36.00000	83.00000	68.24000	0.0	0.0	0.0
				37.00000	83.00000	68.24000	0.0	0.0	0.0
				38.00000	83.00000	68.24000	0.0	0.0	0.0
				39.00000	83.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				40.00000	83.00000	68.24000	0.0	0.0	0.0
				41.00000	83.00000	68.24000	0.0	0.0	0.0
				42.00000	83.00000	68.24000	0.0	0.0	0.0
				43.00000	83.00000	68.24000	0.0	0.0	0.0
				44.00000	83.00000	68.24000	0.0	0.0	0.0
				45.00000	83.00000	68.24000	0.0	0.0	0.0
				46.00000	83.00000	68.24000	0.0	0.0	0.0
				47.00000	83.00000	68.24000	0.0	0.0	0.0
				48.00000	83.00000	68.24000	0.0	0.0	0.0
				49.00000	83.00000	68.24000	0.0	0.0	0.0
				50.00000	83.00000	68.24000	0.0	0.0	0.0
				51.00000	83.00000	68.24000	0.0	0.0	0.0
				52.00000	83.00000	68.24000	0.0	0.0	0.0
				53.00000	83.00000	68.24000	0.0	0.0	0.0
				54.00000	83.00000	68.24000	0.0	0.0	0.0
				55.00000	83.00000	68.24000	0.0	0.0	0.0
				56.00000	83.00000	68.24000	0.0	0.0	0.0
				57.00000	83.00000	68.24000	0.0	0.0	0.0
				58.00000	83.00000	68.24000	0.0	0.0	0.0
				59.00000	83.00000	68.24000	0.0	0.0	0.0
				60.00000	83.00000	68.24000	0.0	0.0	0.0
				61.00000	83.00000	68.24000	0.0	0.0	0.0
				62.00000	83.00000	68.24000	0.0	0.0	0.0
				63.00000	83.00000	68.24000	0.0	0.0	0.0
				64.00000	83.00000	68.24000	0.0	0.0	0.0
				65.00000	83.00000	68.24000	0.0	0.0	0.0
				66.00000	83.00000	68.24000	0.0	0.0	0.0
				67.00000	83.00000	68.24000	0.0	0.0	0.0
				68.00000	83.00000	68.24000	0.0	0.0	0.0
				69.00000	83.00000	68.24000	0.0	0.0	0.0
				70.00000	83.00000	68.24000	0.0	0.0	0.0
				71.00000	83.00000	68.24000	0.0	0.0	0.0
				72.00000	83.00000	68.24000	0.0	0.0	0.0
				73.00000	83.00000	68.24000	0.0	0.0	0.0
				74.00000	83.00000	68.24000	0.0	0.0	0.0
				75.00000	83.00000	68.24000	0.0	0.0	0.0
				76.00000	83.00000	68.24000	0.0	0.0	0.0
				77.00000	83.00000	68.24000	0.0	0.0	0.0
				78.00000	83.00000	68.24000	0.0	0.0	0.0
				79.00000	83.00000	68.24000	0.0	0.0	0.0
				80.00000	83.00000	68.24000	0.0	0.0	0.0
				81.00000	83.00000	68.24000	0.0	0.0	0.0
				82.00000	83.00000	68.24000	0.0	0.0	0.0
				83.00000	83.00000	68.24000	0.0	0.0	0.0
				84.00000	83.00000	68.24000	0.0	0.0	0.0
				85.00000	83.00000	68.24000	0.0	0.0	0.0
				86.00000	83.00000	68.24000	0.0	0.0	0.0
				87.00000	83.00000	68.24000	0.0	0.0	0.0
				88.00000	83.00000	68.24000	0.0	0.0	0.0
				89.00000	83.00000	68.24000	0.0	0.0	0.0
				90.00000	83.00000	68.24000	0.0	0.0	0.0
				91.00000	83.00000	68.24000	0.0	0.0	0.0
				92.00000	83.00000	68.24000	0.0	0.0	0.0
				93.00000	83.00000	68.24000	0.0	0.0	0.0
				94.00000	83.00000	68.24000	0.0	0.0	0.0
				95.00000	83.00000	68.24000	0.0	0.0	0.0
				96.00000	83.00000	68.24000	0.0	0.0	0.0
				97.00000	83.00000	68.24000	0.0	0.0	0.0
				98.00000	83.00000	68.24000	0.0	0.0	0.0
				99.00000	83.00000	68.24000	0.0	0.0	0.0
				100.00000	83.00000	68.24000	0.0	0.0	0.0
				0.00000	84.00000	68.24000	0.0	0.0	0.0
				1.00000	84.00000	68.24000	0.0	0.0	0.0
				2.00000	84.00000	68.24000	0.0	0.0	0.0
				3.00000	84.00000	68.24000	0.0	0.0	0.0
				4.00000	84.00000	68.24000	0.0	0.0	0.0
				5.00000	84.00000	68.24000	0.0	0.0	0.0
				6.00000	84.00000	68.24000	0.0	0.0	0.0
				7.00000	84.00000	68.24000	0.0	0.0	0.0
				8.00000	84.00000	68.24000	0.0	0.0	0.0
				9.00000	84.00000	68.24000	0.0	0.0	0.0
				10.00000	84.00000	68.24000	0.0	0.0	0.0
				11.00000	84.00000	68.24000	0.0	0.0	0.0
				12.00000	84.00000	68.24000	0.0	0.0	0.0
				13.00000	84.00000	68.24000	0.0	0.0	0.0
				14.00000	84.00000	68.24000	0.0	0.0	0.0
				15.00000	84.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				16.00000	84.00000	68.24000	0.0	0.0	0.0
				17.00000	84.00000	68.24000	0.0	0.0	0.0
				18.00000	84.00000	68.24000	0.0	0.0	0.0
				19.00000	84.00000	68.24000	0.0	0.0	0.0
				20.00000	84.00000	68.24000	0.0	0.0	0.0
				21.00000	84.00000	68.24000	0.0	0.0	0.0
				22.00000	84.00000	68.24000	0.0	0.0	0.0
				23.00000	84.00000	68.24000	0.0	0.0	0.0
				24.00000	84.00000	68.24000	0.0	0.0	0.0
				25.00000	84.00000	68.24000	0.0	0.0	0.0
				26.00000	84.00000	68.24000	0.0	0.0	0.0
				27.00000	84.00000	68.24000	0.0	0.0	0.0
				28.00000	84.00000	68.24000	0.0	0.0	0.0
				29.00000	84.00000	68.24000	0.0	0.0	0.0
				30.00000	84.00000	68.24000	0.0	0.0	0.0
				31.00000	84.00000	68.24000	0.0	0.0	0.0
				32.00000	84.00000	68.24000	0.0	0.0	0.0
				33.00000	84.00000	68.24000	0.0	0.0	0.0
				34.00000	84.00000	68.24000	0.0	0.0	0.0
				35.00000	84.00000	68.24000	0.0	0.0	0.0
				36.00000	84.00000	68.24000	0.0	0.0	0.0
				37.00000	84.00000	68.24000	0.0	0.0	0.0
				38.00000	84.00000	68.24000	0.0	0.0	0.0
				39.00000	84.00000	68.24000	0.0	0.0	0.0
				40.00000	84.00000	68.24000	0.0	0.0	0.0
				41.00000	84.00000	68.24000	0.0	0.0	0.0
				42.00000	84.00000	68.24000	0.0	0.0	0.0
				43.00000	84.00000	68.24000	0.0	0.0	0.0
				44.00000	84.00000	68.24000	0.0	0.0	0.0
				45.00000	84.00000	68.24000	0.0	0.0	0.0
				46.00000	84.00000	68.24000	0.0	0.0	0.0
				47.00000	84.00000	68.24000	0.0	0.0	0.0
				48.00000	84.00000	68.24000	0.0	0.0	0.0
				49.00000	84.00000	68.24000	0.0	0.0	0.0
				50.00000	84.00000	68.24000	0.0	0.0	0.0
				51.00000	84.00000	68.24000	0.0	0.0	0.0
				52.00000	84.00000	68.24000	0.0	0.0	0.0
				53.00000	84.00000	68.24000	0.0	0.0	0.0
				54.00000	84.00000	68.24000	0.0	0.0	0.0
				55.00000	84.00000	68.24000	0.0	0.0	0.0
				56.00000	84.00000	68.24000	0.0	0.0	0.0
				57.00000	84.00000	68.24000	0.0	0.0	0.0
				58.00000	84.00000	68.24000	0.0	0.0	0.0
				59.00000	84.00000	68.24000	0.0	0.0	0.0
				60.00000	84.00000	68.24000	0.0	0.0	0.0
				61.00000	84.00000	68.24000	0.0	0.0	0.0
				62.00000	84.00000	68.24000	0.0	0.0	0.0
				63.00000	84.00000	68.24000	0.0	0.0	0.0
				64.00000	84.00000	68.24000	0.0	0.0	0.0
				65.00000	84.00000	68.24000	0.0	0.0	0.0
				66.00000	84.00000	68.24000	0.0	0.0	0.0
				67.00000	84.00000	68.24000	0.0	0.0	0.0
				68.00000	84.00000	68.24000	0.0	0.0	0.0
				69.00000	84.00000	68.24000	0.0	0.0	0.0
				70.00000	84.00000	68.24000	0.0	0.0	0.0
				71.00000	84.00000	68.24000	0.0	0.0	0.0
				72.00000	84.00000	68.24000	0.0	0.0	0.0
				73.00000	84.00000	68.24000	0.0	0.0	0.0
				74.00000	84.00000	68.24000	0.0	0.0	0.0
				75.00000	84.00000	68.24000	0.0	0.0	0.0
				76.00000	84.00000	68.24000	0.0	0.0	0.0
				77.00000	84.00000	68.24000	0.0	0.0	0.0
				78.00000	84.00000	68.24000	0.0	0.0	0.0
				79.00000	84.00000	68.24000	0.0	0.0	0.0
				80.00000	84.00000	68.24000	0.0	0.0	0.0
				81.00000	84.00000	68.24000	0.0	0.0	0.0
				82.00000	84.00000	68.24000	0.0	0.0	0.0
				83.00000	84.00000	68.24000	0.0	0.0	0.0
				84.00000	84.00000	68.24000	0.0	0.0	0.0
				85.00000	84.00000	68.24000	0.0	0.0	0.0
				86.00000	84.00000	68.24000	0.0	0.0	0.0
				87.00000	84.00000	68.24000	0.0	0.0	0.0
				88.00000	84.00000	68.24000	0.0	0.0	0.0
				89.00000	84.00000	68.24000	0.0	0.0	0.0
				90.00000	84.00000	68.24000	0.0	0.0	0.0
				91.00000	84.00000	68.24000	0.0	0.0	0.0
				92.00000	84.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				93.00000	84.00000	68.24000	0.0	0.0	0.0
				94.00000	84.00000	68.24000	0.0	0.0	0.0
				95.00000	84.00000	68.24000	0.0	0.0	0.0
				96.00000	84.00000	68.24000	0.0	0.0	0.0
				97.00000	84.00000	68.24000	0.0	0.0	0.0
				98.00000	84.00000	68.24000	0.0	0.0	0.0
				99.00000	84.00000	68.24000	0.0	0.0	0.0
				100.00000	84.00000	68.24000	0.0	0.0	0.0
				0.00000	85.00000	68.24000	0.0	0.0	0.0
				1.00000	85.00000	68.24000	0.0	0.0	0.0
				2.00000	85.00000	68.24000	0.0	0.0	0.0
				3.00000	85.00000	68.24000	0.0	0.0	0.0
				4.00000	85.00000	68.24000	0.0	0.0	0.0
				5.00000	85.00000	68.24000	0.0	0.0	0.0
				6.00000	85.00000	68.24000	0.0	0.0	0.0
				7.00000	85.00000	68.24000	0.0	0.0	0.0
				8.00000	85.00000	68.24000	0.0	0.0	0.0
				9.00000	85.00000	68.24000	0.0	0.0	0.0
				10.00000	85.00000	68.24000	0.0	0.0	0.0
				11.00000	85.00000	68.24000	0.0	0.0	0.0
				12.00000	85.00000	68.24000	0.0	0.0	0.0
				13.00000	85.00000	68.24000	0.0	0.0	0.0
				14.00000	85.00000	68.24000	0.0	0.0	0.0
				15.00000	85.00000	68.24000	0.0	0.0	0.0
				16.00000	85.00000	68.24000	0.0	0.0	0.0
				17.00000	85.00000	68.24000	0.0	0.0	0.0
				18.00000	85.00000	68.24000	0.0	0.0	0.0
				19.00000	85.00000	68.24000	0.0	0.0	0.0
				20.00000	85.00000	68.24000	0.0	0.0	0.0
				21.00000	85.00000	68.24000	0.0	0.0	0.0
				22.00000	85.00000	68.24000	0.0	0.0	0.0
				23.00000	85.00000	68.24000	0.0	0.0	0.0
				24.00000	85.00000	68.24000	0.0	0.0	0.0
				25.00000	85.00000	68.24000	0.0	0.0	0.0
				26.00000	85.00000	68.24000	0.0	0.0	0.0
				27.00000	85.00000	68.24000	0.0	0.0	0.0
				28.00000	85.00000	68.24000	0.0	0.0	0.0
				29.00000	85.00000	68.24000	0.0	0.0	0.0
				30.00000	85.00000	68.24000	0.0	0.0	0.0
				31.00000	85.00000	68.24000	0.0	0.0	0.0
				32.00000	85.00000	68.24000	0.0	0.0	0.0
				33.00000	85.00000	68.24000	0.0	0.0	0.0
				34.00000	85.00000	68.24000	0.0	0.0	0.0
				35.00000	85.00000	68.24000	0.0	0.0	0.0
				36.00000	85.00000	68.24000	0.0	0.0	0.0
				37.00000	85.00000	68.24000	0.0	0.0	0.0
				38.00000	85.00000	68.24000	0.0	0.0	0.0
				39.00000	85.00000	68.24000	0.0	0.0	0.0
				40.00000	85.00000	68.24000	0.0	0.0	0.0
				41.00000	85.00000	68.24000	0.0	0.0	0.0
				42.00000	85.00000	68.24000	0.0	0.0	0.0
				43.00000	85.00000	68.24000	0.0	0.0	0.0
				44.00000	85.00000	68.24000	0.0	0.0	0.0
				45.00000	85.00000	68.24000	0.0	0.0	0.0
				46.00000	85.00000	68.24000	0.0	0.0	0.0
				47.00000	85.00000	68.24000	0.0	0.0	0.0
				48.00000	85.00000	68.24000	0.0	0.0	0.0
				49.00000	85.00000	68.24000	0.0	0.0	0.0
				50.00000	85.00000	68.24000	0.0	0.0	0.0
				51.00000	85.00000	68.24000	0.0	0.0	0.0
				52.00000	85.00000	68.24000	0.0	0.0	0.0
				53.00000	85.00000	68.24000	0.0	0.0	0.0
				54.00000	85.00000	68.24000	0.0	0.0	0.0
				55.00000	85.00000	68.24000	0.0	0.0	0.0
				56.00000	85.00000	68.24000	0.0	0.0	0.0
				57.00000	85.00000	68.24000	0.0	0.0	0.0
				58.00000	85.00000	68.24000	0.0	0.0	0.0
				59.00000	85.00000	68.24000	0.0	0.0	0.0
				60.00000	85.00000	68.24000	0.0	0.0	0.0
				61.00000	85.00000	68.24000	0.0	0.0	0.0
				62.00000	85.00000	68.24000	0.0	0.0	0.0
				63.00000	85.00000	68.24000	0.0	0.0	0.0
				64.00000	85.00000	68.24000	0.0	0.0	0.0
				65.00000	85.00000	68.24000	0.0	0.0	0.0
				66.00000	85.00000	68.24000	0.0	0.0	0.0
				67.00000	85.00000	68.24000	0.0	0.0	0.0
				68.00000	85.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				69.00000	85.00000	68.24000	0.0	0.0	0.0
				70.00000	85.00000	68.24000	0.0	0.0	0.0
				71.00000	85.00000	68.24000	0.0	0.0	0.0
				72.00000	85.00000	68.24000	0.0	0.0	0.0
				73.00000	85.00000	68.24000	0.0	0.0	0.0
				74.00000	85.00000	68.24000	0.0	0.0	0.0
				75.00000	85.00000	68.24000	0.0	0.0	0.0
				76.00000	85.00000	68.24000	0.0	0.0	0.0
				77.00000	85.00000	68.24000	0.0	0.0	0.0
				78.00000	85.00000	68.24000	0.0	0.0	0.0
				79.00000	85.00000	68.24000	0.0	0.0	0.0
				80.00000	85.00000	68.24000	0.0	0.0	0.0
				81.00000	85.00000	68.24000	0.0	0.0	0.0
				82.00000	85.00000	68.24000	0.0	0.0	0.0
				83.00000	85.00000	68.24000	0.0	0.0	0.0
				84.00000	85.00000	68.24000	0.0	0.0	0.0
				85.00000	85.00000	68.24000	0.0	0.0	0.0
				86.00000	85.00000	68.24000	0.0	0.0	0.0
				87.00000	85.00000	68.24000	0.0	0.0	0.0
				88.00000	85.00000	68.24000	0.0	0.0	0.0
				89.00000	85.00000	68.24000	0.0	0.0	0.0
				90.00000	85.00000	68.24000	0.0	0.0	0.0
				91.00000	85.00000	68.24000	0.0	0.0	0.0
				92.00000	85.00000	68.24000	0.0	0.0	0.0
				93.00000	85.00000	68.24000	0.0	0.0	0.0
				94.00000	85.00000	68.24000	0.0	0.0	0.0
				95.00000	85.00000	68.24000	0.0	0.0	0.0
				96.00000	85.00000	68.24000	0.0	0.0	0.0
				97.00000	85.00000	68.24000	0.0	0.0	0.0
				98.00000	85.00000	68.24000	0.0	0.0	0.0
				99.00000	85.00000	68.24000	0.0	0.0	0.0
				100.00000	85.00000	68.24000	0.0	0.0	0.0
				0.00000	86.00000	68.24000	0.0	0.0	0.0
				1.00000	86.00000	68.24000	0.0	0.0	0.0
				2.00000	86.00000	68.24000	0.0	0.0	0.0
				3.00000	86.00000	68.24000	0.0	0.0	0.0
				4.00000	86.00000	68.24000	0.0	0.0	0.0
				5.00000	86.00000	68.24000	0.0	0.0	0.0
				6.00000	86.00000	68.24000	0.0	0.0	0.0
				7.00000	86.00000	68.24000	0.0	0.0	0.0
				8.00000	86.00000	68.24000	0.0	0.0	0.0
				9.00000	86.00000	68.24000	0.0	0.0	0.0
				10.00000	86.00000	68.24000	0.0	0.0	0.0
				11.00000	86.00000	68.24000	0.0	0.0	0.0
				12.00000	86.00000	68.24000	0.0	0.0	0.0
				13.00000	86.00000	68.24000	0.0	0.0	0.0
				14.00000	86.00000	68.24000	0.0	0.0	0.0
				15.00000	86.00000	68.24000	0.0	0.0	0.0
				16.00000	86.00000	68.24000	0.0	0.0	0.0
				17.00000	86.00000	68.24000	0.0	0.0	0.0
				18.00000	86.00000	68.24000	0.0	0.0	0.0
				19.00000	86.00000	68.24000	0.0	0.0	0.0
				20.00000	86.00000	68.24000	0.0	0.0	0.0
				21.00000	86.00000	68.24000	0.0	0.0	0.0
				22.00000	86.00000	68.24000	0.0	0.0	0.0
				23.00000	86.00000	68.24000	0.0	0.0	0.0
				24.00000	86.00000	68.24000	0.0	0.0	0.0
				25.00000	86.00000	68.24000	0.0	0.0	0.0
				26.00000	86.00000	68.24000	0.0	0.0	0.0
				27.00000	86.00000	68.24000	0.0	0.0	0.0
				28.00000	86.00000	68.24000	0.0	0.0	0.0
				29.00000	86.00000	68.24000	0.0	0.0	0.0
				30.00000	86.00000	68.24000	0.0	0.0	0.0
				31.00000	86.00000	68.24000	0.0	0.0	0.0
				32.00000	86.00000	68.24000	0.0	0.0	0.0
				33.00000	86.00000	68.24000	0.0	0.0	0.0
				34.00000	86.00000	68.24000	0.0	0.0	0.0
				35.00000	86.00000	68.24000	0.0	0.0	0.0
				36.00000	86.00000	68.24000	0.0	0.0	0.0
				37.00000	86.00000	68.24000	0.0	0.0	0.0
				38.00000	86.00000	68.24000	0.0	0.0	0.0
				39.00000	86.00000	68.24000	0.0	0.0	0.0
				40.00000	86.00000	68.24000	0.0	0.0	0.0
				41.00000	86.00000	68.24000	0.0	0.0	0.0
				42.00000	86.00000	68.24000	0.0	0.0	0.0
				43.00000	86.00000	68.24000	0.0	0.0	0.0
				44.00000	86.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				45.00000	86.00000	68.24000	0.0	0.0	0.0
				46.00000	86.00000	68.24000	0.0	0.0	0.0
				47.00000	86.00000	68.24000	0.0	0.0	0.0
				48.00000	86.00000	68.24000	0.0	0.0	0.0
				49.00000	86.00000	68.24000	0.0	0.0	0.0
				50.00000	86.00000	68.24000	0.0	0.0	0.0
				51.00000	86.00000	68.24000	0.0	0.0	0.0
				52.00000	86.00000	68.24000	0.0	0.0	0.0
				53.00000	86.00000	68.24000	0.0	0.0	0.0
				54.00000	86.00000	68.24000	0.0	0.0	0.0
				55.00000	86.00000	68.24000	0.0	0.0	0.0
				56.00000	86.00000	68.24000	0.0	0.0	0.0
				57.00000	86.00000	68.24000	0.0	0.0	0.0
				58.00000	86.00000	68.24000	0.0	0.0	0.0
				59.00000	86.00000	68.24000	0.0	0.0	0.0
				60.00000	86.00000	68.24000	0.0	0.0	0.0
				61.00000	86.00000	68.24000	0.0	0.0	0.0
				62.00000	86.00000	68.24000	0.0	0.0	0.0
				63.00000	86.00000	68.24000	0.0	0.0	0.0
				64.00000	86.00000	68.24000	0.0	0.0	0.0
				65.00000	86.00000	68.24000	0.0	0.0	0.0
				66.00000	86.00000	68.24000	0.0	0.0	0.0
				67.00000	86.00000	68.24000	0.0	0.0	0.0
				68.00000	86.00000	68.24000	0.0	0.0	0.0
				69.00000	86.00000	68.24000	0.0	0.0	0.0
				70.00000	86.00000	68.24000	0.0	0.0	0.0
				71.00000	86.00000	68.24000	0.0	0.0	0.0
				72.00000	86.00000	68.24000	0.0	0.0	0.0
				73.00000	86.00000	68.24000	0.0	0.0	0.0
				74.00000	86.00000	68.24000	0.0	0.0	0.0
				75.00000	86.00000	68.24000	0.0	0.0	0.0
				76.00000	86.00000	68.24000	0.0	0.0	0.0
				77.00000	86.00000	68.24000	0.0	0.0	0.0
				78.00000	86.00000	68.24000	0.0	0.0	0.0
				79.00000	86.00000	68.24000	0.0	0.0	0.0
				80.00000	86.00000	68.24000	0.0	0.0	0.0
				81.00000	86.00000	68.24000	0.0	0.0	0.0
				82.00000	86.00000	68.24000	0.0	0.0	0.0
				83.00000	86.00000	68.24000	0.0	0.0	0.0
				84.00000	86.00000	68.24000	0.0	0.0	0.0
				85.00000	86.00000	68.24000	0.0	0.0	0.0
				86.00000	86.00000	68.24000	0.0	0.0	0.0
				87.00000	86.00000	68.24000	0.0	0.0	0.0
				88.00000	86.00000	68.24000	0.0	0.0	0.0
				89.00000	86.00000	68.24000	0.0	0.0	0.0
				90.00000	86.00000	68.24000	0.0	0.0	0.0
				91.00000	86.00000	68.24000	0.0	0.0	0.0
				92.00000	86.00000	68.24000	0.0	0.0	0.0
				93.00000	86.00000	68.24000	0.0	0.0	0.0
				94.00000	86.00000	68.24000	0.0	0.0	0.0
				95.00000	86.00000	68.24000	0.0	0.0	0.0
				96.00000	86.00000	68.24000	0.0	0.0	0.0
				97.00000	86.00000	68.24000	0.0	0.0	0.0
				98.00000	86.00000	68.24000	0.0	0.0	0.0
				99.00000	86.00000	68.24000	0.0	0.0	0.0
				100.00000	86.00000	68.24000	0.0	0.0	0.0
				0.00000	87.00000	68.24000	0.0	0.0	0.0
				1.00000	87.00000	68.24000	0.0	0.0	0.0
				2.00000	87.00000	68.24000	0.0	0.0	0.0
				3.00000	87.00000	68.24000	0.0	0.0	0.0
				4.00000	87.00000	68.24000	0.0	0.0	0.0
				5.00000	87.00000	68.24000	0.0	0.0	0.0
				6.00000	87.00000	68.24000	0.0	0.0	0.0
				7.00000	87.00000	68.24000	0.0	0.0	0.0
				8.00000	87.00000	68.24000	0.0	0.0	0.0
				9.00000	87.00000	68.24000	0.0	0.0	0.0
				10.00000	87.00000	68.24000	0.0	0.0	0.0
				11.00000	87.00000	68.24000	0.0	0.0	0.0
				12.00000	87.00000	68.24000	0.0	0.0	0.0
				13.00000	87.00000	68.24000	0.0	0.0	0.0
				14.00000	87.00000	68.24000	0.0	0.0	0.0
				15.00000	87.00000	68.24000	0.0	0.0	0.0
				16.00000	87.00000	68.24000	0.0	0.0	0.0
				17.00000	87.00000	68.24000	0.0	0.0	0.0
				18.00000	87.00000	68.24000	0.0	0.0	0.0
				19.00000	87.00000	68.24000	0.0	0.0	0.0
				20.00000	87.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
21.00000		87.00000		68.24000			0.0	0.0	0.0
22.00000		87.00000		68.24000			0.0	0.0	0.0
23.00000		87.00000		68.24000			0.0	0.0	0.0
24.00000		87.00000		68.24000			0.0	0.0	0.0
25.00000		87.00000		68.24000			0.0	0.0	0.0
26.00000		87.00000		68.24000			0.0	0.0	0.0
27.00000		87.00000		68.24000			0.0	0.0	0.0
28.00000		87.00000		68.24000			0.0	0.0	0.0
29.00000		87.00000		68.24000			0.0	0.0	0.0
30.00000		87.00000		68.24000			0.0	0.0	0.0
31.00000		87.00000		68.24000			0.0	0.0	0.0
32.00000		87.00000		68.24000			0.0	0.0	0.0
33.00000		87.00000		68.24000			0.0	0.0	0.0
34.00000		87.00000		68.24000			0.0	0.0	0.0
35.00000		87.00000		68.24000			0.0	0.0	0.0
36.00000		87.00000		68.24000			0.0	0.0	0.0
37.00000		87.00000		68.24000			0.0	0.0	0.0
38.00000		87.00000		68.24000			0.0	0.0	0.0
39.00000		87.00000		68.24000			0.0	0.0	0.0
40.00000		87.00000		68.24000			0.0	0.0	0.0
41.00000		87.00000		68.24000			0.0	0.0	0.0
42.00000		87.00000		68.24000			0.0	0.0	0.0
43.00000		87.00000		68.24000			0.0	0.0	0.0
44.00000		87.00000		68.24000			0.0	0.0	0.0
45.00000		87.00000		68.24000			0.0	0.0	0.0
46.00000		87.00000		68.24000			0.0	0.0	0.0
47.00000		87.00000		68.24000			0.0	0.0	0.0
48.00000		87.00000		68.24000			0.0	0.0	0.0
49.00000		87.00000		68.24000			0.0	0.0	0.0
50.00000		87.00000		68.24000			0.0	0.0	0.0
51.00000		87.00000		68.24000			0.0	0.0	0.0
52.00000		87.00000		68.24000			0.0	0.0	0.0
53.00000		87.00000		68.24000			0.0	0.0	0.0
54.00000		87.00000		68.24000			0.0	0.0	0.0
55.00000		87.00000		68.24000			0.0	0.0	0.0
56.00000		87.00000		68.24000			0.0	0.0	0.0
57.00000		87.00000		68.24000			0.0	0.0	0.0
58.00000		87.00000		68.24000			0.0	0.0	0.0
59.00000		87.00000		68.24000			0.0	0.0	0.0
60.00000		87.00000		68.24000			0.0	0.0	0.0
61.00000		87.00000		68.24000			0.0	0.0	0.0
62.00000		87.00000		68.24000			0.0	0.0	0.0
63.00000		87.00000		68.24000			0.0	0.0	0.0
64.00000		87.00000		68.24000			0.0	0.0	0.0
65.00000		87.00000		68.24000			0.0	0.0	0.0
66.00000		87.00000		68.24000			0.0	0.0	0.0
67.00000		87.00000		68.24000			0.0	0.0	0.0
68.00000		87.00000		68.24000			0.0	0.0	0.0
69.00000		87.00000		68.24000			0.0	0.0	0.0
70.00000		87.00000		68.24000			0.0	0.0	0.0
71.00000		87.00000		68.24000			0.0	0.0	0.0
72.00000		87.00000		68.24000			0.0	0.0	0.0
73.00000		87.00000		68.24000			0.0	0.0	0.0
74.00000		87.00000		68.24000			0.0	0.0	0.0
75.00000		87.00000		68.24000			0.0	0.0	0.0
76.00000		87.00000		68.24000			0.0	0.0	0.0
77.00000		87.00000		68.24000			0.0	0.0	0.0
78.00000		87.00000		68.24000			0.0	0.0	0.0
79.00000		87.00000		68.24000			0.0	0.0	0.0
80.00000		87.00000		68.24000			0.0	0.0	0.0
81.00000		87.00000		68.24000			0.0	0.0	0.0
82.00000		87.00000		68.24000			0.0	0.0	0.0
83.00000		87.00000		68.24000			0.0	0.0	0.0
84.00000		87.00000		68.24000			0.0	0.0	0.0
85.00000		87.00000		68.24000			0.0	0.0	0.0
86.00000		87.00000		68.24000			0.0	0.0	0.0
87.00000		87.00000		68.24000			0.0	0.0	0.0
88.00000		87.00000		68.24000			0.0	0.0	0.0
89.00000		87.00000		68.24000			0.0	0.0	0.0
90.00000		87.00000		68.24000			0.0	0.0	0.0
91.00000		87.00000		68.24000			0.0	0.0	0.0
92.00000		87.00000		68.24000			0.0	0.0	0.0
93.00000		87.00000		68.24000			0.0	0.0	0.0
94.00000		87.00000		68.24000			0.0	0.0	0.0
95.00000		87.00000		68.24000			0.0	0.0	0.0
96.00000		87.00000		68.24000			0.0	0.0	0.0
97.00000		87.00000		68.24000			0.0	0.0	0.0



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Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				98.00000	87.00000	68.24000	0.0	0.0	0.0
				99.00000	87.00000	68.24000	0.0	0.0	0.0
				100.00000	87.00000	68.24000	0.0	0.0	0.0
				0.00000	88.00000	68.24000	0.0	0.0	0.0
				1.00000	88.00000	68.24000	0.0	0.0	0.0
				2.00000	88.00000	68.24000	0.0	0.0	0.0
				3.00000	88.00000	68.24000	0.0	0.0	0.0
				4.00000	88.00000	68.24000	0.0	0.0	0.0
				5.00000	88.00000	68.24000	0.0	0.0	0.0
				6.00000	88.00000	68.24000	0.0	0.0	0.0
				7.00000	88.00000	68.24000	0.0	0.0	0.0
				8.00000	88.00000	68.24000	0.0	0.0	0.0
				9.00000	88.00000	68.24000	0.0	0.0	0.0
				10.00000	88.00000	68.24000	0.0	0.0	0.0
				11.00000	88.00000	68.24000	0.0	0.0	0.0
				12.00000	88.00000	68.24000	0.0	0.0	0.0
				13.00000	88.00000	68.24000	0.0	0.0	0.0
				14.00000	88.00000	68.24000	0.0	0.0	0.0
				15.00000	88.00000	68.24000	0.0	0.0	0.0
				16.00000	88.00000	68.24000	0.0	0.0	0.0
				17.00000	88.00000	68.24000	0.0	0.0	0.0
				18.00000	88.00000	68.24000	0.0	0.0	0.0
				19.00000	88.00000	68.24000	0.0	0.0	0.0
				20.00000	88.00000	68.24000	0.0	0.0	0.0
				21.00000	88.00000	68.24000	0.0	0.0	0.0
				22.00000	88.00000	68.24000	0.0	0.0	0.0
				23.00000	88.00000	68.24000	0.0	0.0	0.0
				24.00000	88.00000	68.24000	0.0	0.0	0.0
				25.00000	88.00000	68.24000	0.0	0.0	0.0
				26.00000	88.00000	68.24000	0.0	0.0	0.0
				27.00000	88.00000	68.24000	0.0	0.0	0.0
				28.00000	88.00000	68.24000	0.0	0.0	0.0
				29.00000	88.00000	68.24000	0.0	0.0	0.0
				30.00000	88.00000	68.24000	0.0	0.0	0.0
				31.00000	88.00000	68.24000	0.0	0.0	0.0
				32.00000	88.00000	68.24000	0.0	0.0	0.0
				33.00000	88.00000	68.24000	0.0	0.0	0.0
				34.00000	88.00000	68.24000	0.0	0.0	0.0
				35.00000	88.00000	68.24000	0.0	0.0	0.0
				36.00000	88.00000	68.24000	0.0	0.0	0.0
				37.00000	88.00000	68.24000	0.0	0.0	0.0
				38.00000	88.00000	68.24000	0.0	0.0	0.0
				39.00000	88.00000	68.24000	0.0	0.0	0.0
				40.00000	88.00000	68.24000	0.0	0.0	0.0
				41.00000	88.00000	68.24000	0.0	0.0	0.0
				42.00000	88.00000	68.24000	0.0	0.0	0.0
				43.00000	88.00000	68.24000	0.0	0.0	0.0
				44.00000	88.00000	68.24000	0.0	0.0	0.0
				45.00000	88.00000	68.24000	0.0	0.0	0.0
				46.00000	88.00000	68.24000	0.0	0.0	0.0
				47.00000	88.00000	68.24000	0.0	0.0	0.0
				48.00000	88.00000	68.24000	0.0	0.0	0.0
				49.00000	88.00000	68.24000	0.0	0.0	0.0
				50.00000	88.00000	68.24000	0.0	0.0	0.0
				51.00000	88.00000	68.24000	0.0	0.0	0.0
				52.00000	88.00000	68.24000	0.0	0.0	0.0
				53.00000	88.00000	68.24000	0.0	0.0	0.0
				54.00000	88.00000	68.24000	0.0	0.0	0.0
				55.00000	88.00000	68.24000	0.0	0.0	0.0
				56.00000	88.00000	68.24000	0.0	0.0	0.0
				57.00000	88.00000	68.24000	0.0	0.0	0.0
				58.00000	88.00000	68.24000	0.0	0.0	0.0
				59.00000	88.00000	68.24000	0.0	0.0	0.0
				60.00000	88.00000	68.24000	0.0	0.0	0.0
				61.00000	88.00000	68.24000	0.0	0.0	0.0
				62.00000	88.00000	68.24000	0.0	0.0	0.0
				63.00000	88.00000	68.24000	0.0	0.0	0.0
				64.00000	88.00000	68.24000	0.0	0.0	0.0
				65.00000	88.00000	68.24000	0.0	0.0	0.0
				66.00000	88.00000	68.24000	0.0	0.0	0.0
				67.00000	88.00000	68.24000	0.0	0.0	0.0
				68.00000	88.00000	68.24000	0.0	0.0	0.0
				69.00000	88.00000	68.24000	0.0	0.0	0.0
				70.00000	88.00000	68.24000	0.0	0.0	0.0
				71.00000	88.00000	68.24000	0.0	0.0	0.0
				72.00000	88.00000	68.24000	0.0	0.0	0.0
				73.00000	88.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				74.00000	88.00000	68.24000	0.0	0.0	0.0
				75.00000	88.00000	68.24000	0.0	0.0	0.0
				76.00000	88.00000	68.24000	0.0	0.0	0.0
				77.00000	88.00000	68.24000	0.0	0.0	0.0
				78.00000	88.00000	68.24000	0.0	0.0	0.0
				79.00000	88.00000	68.24000	0.0	0.0	0.0
				80.00000	88.00000	68.24000	0.0	0.0	0.0
				81.00000	88.00000	68.24000	0.0	0.0	0.0
				82.00000	88.00000	68.24000	0.0	0.0	0.0
				83.00000	88.00000	68.24000	0.0	0.0	0.0
				84.00000	88.00000	68.24000	0.0	0.0	0.0
				85.00000	88.00000	68.24000	0.0	0.0	0.0
				86.00000	88.00000	68.24000	0.0	0.0	0.0
				87.00000	88.00000	68.24000	0.0	0.0	0.0
				88.00000	88.00000	68.24000	0.0	0.0	0.0
				89.00000	88.00000	68.24000	0.0	0.0	0.0
				90.00000	88.00000	68.24000	0.0	0.0	0.0
				91.00000	88.00000	68.24000	0.0	0.0	0.0
				92.00000	88.00000	68.24000	0.0	0.0	0.0
				93.00000	88.00000	68.24000	0.0	0.0	0.0
				94.00000	88.00000	68.24000	0.0	0.0	0.0
				95.00000	88.00000	68.24000	0.0	0.0	0.0
				96.00000	88.00000	68.24000	0.0	0.0	0.0
				97.00000	88.00000	68.24000	0.0	0.0	0.0
				98.00000	88.00000	68.24000	0.0	0.0	0.0
				99.00000	88.00000	68.24000	0.0	0.0	0.0
				100.00000	88.00000	68.24000	0.0	0.0	0.0
				0.00000	89.00000	68.24000	0.0	0.0	0.0
				1.00000	89.00000	68.24000	0.0	0.0	0.0
				2.00000	89.00000	68.24000	0.0	0.0	0.0
				3.00000	89.00000	68.24000	0.0	0.0	0.0
				4.00000	89.00000	68.24000	0.0	0.0	0.0
				5.00000	89.00000	68.24000	0.0	0.0	0.0
				6.00000	89.00000	68.24000	0.0	0.0	0.0
				7.00000	89.00000	68.24000	0.0	0.0	0.0
				8.00000	89.00000	68.24000	0.0	0.0	0.0
				9.00000	89.00000	68.24000	0.0	0.0	0.0
				10.00000	89.00000	68.24000	0.0	0.0	0.0
				11.00000	89.00000	68.24000	0.0	0.0	0.0
				12.00000	89.00000	68.24000	0.0	0.0	0.0
				13.00000	89.00000	68.24000	0.0	0.0	0.0
				14.00000	89.00000	68.24000	0.0	0.0	0.0
				15.00000	89.00000	68.24000	0.0	0.0	0.0
				16.00000	89.00000	68.24000	0.0	0.0	0.0
				17.00000	89.00000	68.24000	0.0	0.0	0.0
				18.00000	89.00000	68.24000	0.0	0.0	0.0
				19.00000	89.00000	68.24000	0.0	0.0	0.0
				20.00000	89.00000	68.24000	0.0	0.0	0.0
				21.00000	89.00000	68.24000	0.0	0.0	0.0
				22.00000	89.00000	68.24000	0.0	0.0	0.0
				23.00000	89.00000	68.24000	0.0	0.0	0.0
				24.00000	89.00000	68.24000	0.0	0.0	0.0
				25.00000	89.00000	68.24000	0.0	0.0	0.0
				26.00000	89.00000	68.24000	0.0	0.0	0.0
				27.00000	89.00000	68.24000	0.0	0.0	0.0
				28.00000	89.00000	68.24000	0.0	0.0	0.0
				29.00000	89.00000	68.24000	0.0	0.0	0.0
				30.00000	89.00000	68.24000	0.0	0.0	0.0
				31.00000	89.00000	68.24000	0.0	0.0	0.0
				32.00000	89.00000	68.24000	0.0	0.0	0.0
				33.00000	89.00000	68.24000	0.0	0.0	0.0
				34.00000	89.00000	68.24000	0.0	0.0	0.0
				35.00000	89.00000	68.24000	0.0	0.0	0.0
				36.00000	89.00000	68.24000	0.0	0.0	0.0
				37.00000	89.00000	68.24000	0.0	0.0	0.0
				38.00000	89.00000	68.24000	0.0	0.0	0.0
				39.00000	89.00000	68.24000	0.0	0.0	0.0
				40.00000	89.00000	68.24000	0.0	0.0	0.0
				41.00000	89.00000	68.24000	0.0	0.0	0.0
				42.00000	89.00000	68.24000	0.0	0.0	0.0
				43.00000	89.00000	68.24000	0.0	0.0	0.0
				44.00000	89.00000	68.24000	0.0	0.0	0.0
				45.00000	89.00000	68.24000	0.0	0.0	0.0
				46.00000	89.00000	68.24000	0.0	0.0	0.0
				47.00000	89.00000	68.24000	0.0	0.0	0.0
				48.00000	89.00000	68.24000	0.0	0.0	0.0
				49.00000	89.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				50.00000	89.00000	68.24000	0.0	0.0	0.0
				51.00000	89.00000	68.24000	0.0	0.0	0.0
				52.00000	89.00000	68.24000	0.0	0.0	0.0
				53.00000	89.00000	68.24000	0.0	0.0	0.0
				54.00000	89.00000	68.24000	0.0	0.0	0.0
				55.00000	89.00000	68.24000	0.0	0.0	0.0
				56.00000	89.00000	68.24000	0.0	0.0	0.0
				57.00000	89.00000	68.24000	0.0	0.0	0.0
				58.00000	89.00000	68.24000	0.0	0.0	0.0
				59.00000	89.00000	68.24000	0.0	0.0	0.0
				60.00000	89.00000	68.24000	0.0	0.0	0.0
				61.00000	89.00000	68.24000	0.0	0.0	0.0
				62.00000	89.00000	68.24000	0.0	0.0	0.0
				63.00000	89.00000	68.24000	0.0	0.0	0.0
				64.00000	89.00000	68.24000	0.0	0.0	0.0
				65.00000	89.00000	68.24000	0.0	0.0	0.0
				66.00000	89.00000	68.24000	0.0	0.0	0.0
				67.00000	89.00000	68.24000	0.0	0.0	0.0
				68.00000	89.00000	68.24000	0.0	0.0	0.0
				69.00000	89.00000	68.24000	0.0	0.0	0.0
				70.00000	89.00000	68.24000	0.0	0.0	0.0
				71.00000	89.00000	68.24000	0.0	0.0	0.0
				72.00000	89.00000	68.24000	0.0	0.0	0.0
				73.00000	89.00000	68.24000	0.0	0.0	0.0
				74.00000	89.00000	68.24000	0.0	0.0	0.0
				75.00000	89.00000	68.24000	0.0	0.0	0.0
				76.00000	89.00000	68.24000	0.0	0.0	0.0
				77.00000	89.00000	68.24000	0.0	0.0	0.0
				78.00000	89.00000	68.24000	0.0	0.0	0.0
				79.00000	89.00000	68.24000	0.0	0.0	0.0
				80.00000	89.00000	68.24000	0.0	0.0	0.0
				81.00000	89.00000	68.24000	0.0	0.0	0.0
				82.00000	89.00000	68.24000	0.0	0.0	0.0
				83.00000	89.00000	68.24000	0.0	0.0	0.0
				84.00000	89.00000	68.24000	0.0	0.0	0.0
				85.00000	89.00000	68.24000	0.0	0.0	0.0
				86.00000	89.00000	68.24000	0.0	0.0	0.0
				87.00000	89.00000	68.24000	0.0	0.0	0.0
				88.00000	89.00000	68.24000	0.0	0.0	0.0
				89.00000	89.00000	68.24000	0.0	0.0	0.0
				90.00000	89.00000	68.24000	0.0	0.0	0.0
				91.00000	89.00000	68.24000	0.0	0.0	0.0
				92.00000	89.00000	68.24000	0.0	0.0	0.0
				93.00000	89.00000	68.24000	0.0	0.0	0.0
				94.00000	89.00000	68.24000	0.0	0.0	0.0
				95.00000	89.00000	68.24000	0.0	0.0	0.0
				96.00000	89.00000	68.24000	0.0	0.0	0.0
				97.00000	89.00000	68.24000	0.0	0.0	0.0
				98.00000	89.00000	68.24000	0.0	0.0	0.0
				99.00000	89.00000	68.24000	0.0	0.0	0.0
				100.00000	89.00000	68.24000	0.0	0.0	0.0
				0.00000	90.00000	68.24000	0.0	0.0	0.0
				1.00000	90.00000	68.24000	0.0	0.0	0.0
				2.00000	90.00000	68.24000	0.0	0.0	0.0
				3.00000	90.00000	68.24000	0.0	0.0	0.0
				4.00000	90.00000	68.24000	0.0	0.0	0.0
				5.00000	90.00000	68.24000	0.0	0.0	0.0
				6.00000	90.00000	68.24000	0.0	0.0	0.0
				7.00000	90.00000	68.24000	0.0	0.0	0.0
				8.00000	90.00000	68.24000	0.0	0.0	0.0
				9.00000	90.00000	68.24000	0.0	0.0	0.0
				10.00000	90.00000	68.24000	0.0	0.0	0.0
				11.00000	90.00000	68.24000	0.0	0.0	0.0
				12.00000	90.00000	68.24000	0.0	0.0	0.0
				13.00000	90.00000	68.24000	0.0	0.0	0.0
				14.00000	90.00000	68.24000	0.0	0.0	0.0
				15.00000	90.00000	68.24000	0.0	0.0	0.0
				16.00000	90.00000	68.24000	0.0	0.0	0.0
				17.00000	90.00000	68.24000	0.0	0.0	0.0
				18.00000	90.00000	68.24000	0.0	0.0	0.0
				19.00000	90.00000	68.24000	0.0	0.0	0.0
				20.00000	90.00000	68.24000	0.0	0.0	0.0
				21.00000	90.00000	68.24000	0.0	0.0	0.0
				22.00000	90.00000	68.24000	0.0	0.0	0.0
				23.00000	90.00000	68.24000	0.0	0.0	0.0
				24.00000	90.00000	68.24000	0.0	0.0	0.0
				25.00000	90.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				26.00000	90.00000	68.24000	0.0	0.0	0.0
				27.00000	90.00000	68.24000	0.0	0.0	0.0
				28.00000	90.00000	68.24000	0.0	0.0	0.0
				29.00000	90.00000	68.24000	0.0	0.0	0.0
				30.00000	90.00000	68.24000	0.0	0.0	0.0
				31.00000	90.00000	68.24000	0.0	0.0	0.0
				32.00000	90.00000	68.24000	0.0	0.0	0.0
				33.00000	90.00000	68.24000	0.0	0.0	0.0
				34.00000	90.00000	68.24000	0.0	0.0	0.0
				35.00000	90.00000	68.24000	0.0	0.0	0.0
				36.00000	90.00000	68.24000	0.0	0.0	0.0
				37.00000	90.00000	68.24000	0.0	0.0	0.0
				38.00000	90.00000	68.24000	0.0	0.0	0.0
				39.00000	90.00000	68.24000	0.0	0.0	0.0
				40.00000	90.00000	68.24000	0.0	0.0	0.0
				41.00000	90.00000	68.24000	0.0	0.0	0.0
				42.00000	90.00000	68.24000	0.0	0.0	0.0
				43.00000	90.00000	68.24000	0.0	0.0	0.0
				44.00000	90.00000	68.24000	0.0	0.0	0.0
				45.00000	90.00000	68.24000	0.0	0.0	0.0
				46.00000	90.00000	68.24000	0.0	0.0	0.0
				47.00000	90.00000	68.24000	0.0	0.0	0.0
				48.00000	90.00000	68.24000	0.0	0.0	0.0
				49.00000	90.00000	68.24000	0.0	0.0	0.0
				50.00000	90.00000	68.24000	0.0	0.0	0.0
				51.00000	90.00000	68.24000	0.0	0.0	0.0
				52.00000	90.00000	68.24000	0.0	0.0	0.0
				53.00000	90.00000	68.24000	0.0	0.0	0.0
				54.00000	90.00000	68.24000	0.0	0.0	0.0
				55.00000	90.00000	68.24000	0.0	0.0	0.0
				56.00000	90.00000	68.24000	0.0	0.0	0.0
				57.00000	90.00000	68.24000	0.0	0.0	0.0
				58.00000	90.00000	68.24000	0.0	0.0	0.0
				59.00000	90.00000	68.24000	0.0	0.0	0.0
				60.00000	90.00000	68.24000	0.0	0.0	0.0
				61.00000	90.00000	68.24000	0.0	0.0	0.0
				62.00000	90.00000	68.24000	0.0	0.0	0.0
				63.00000	90.00000	68.24000	0.0	0.0	0.0
				64.00000	90.00000	68.24000	0.0	0.0	0.0
				65.00000	90.00000	68.24000	0.0	0.0	0.0
				66.00000	90.00000	68.24000	0.0	0.0	0.0
				67.00000	90.00000	68.24000	0.0	0.0	0.0
				68.00000	90.00000	68.24000	0.0	0.0	0.0
				69.00000	90.00000	68.24000	0.0	0.0	0.0
				70.00000	90.00000	68.24000	0.0	0.0	0.0
				71.00000	90.00000	68.24000	0.0	0.0	0.0
				72.00000	90.00000	68.24000	0.0	0.0	0.0
				73.00000	90.00000	68.24000	0.0	0.0	0.0
				74.00000	90.00000	68.24000	0.0	0.0	0.0
				75.00000	90.00000	68.24000	0.0	0.0	0.0
				76.00000	90.00000	68.24000	0.0	0.0	0.0
				77.00000	90.00000	68.24000	0.0	0.0	0.0
				78.00000	90.00000	68.24000	0.0	0.0	0.0
				79.00000	90.00000	68.24000	0.0	0.0	0.0
				80.00000	90.00000	68.24000	0.0	0.0	0.0
				81.00000	90.00000	68.24000	0.0	0.0	0.0
				82.00000	90.00000	68.24000	0.0	0.0	0.0
				83.00000	90.00000	68.24000	0.0	0.0	0.0
				84.00000	90.00000	68.24000	0.0	0.0	0.0
				85.00000	90.00000	68.24000	0.0	0.0	0.0
				86.00000	90.00000	68.24000	0.0	0.0	0.0
				87.00000	90.00000	68.24000	0.0	0.0	0.0
				88.00000	90.00000	68.24000	0.0	0.0	0.0
				89.00000	90.00000	68.24000	0.0	0.0	0.0
				90.00000	90.00000	68.24000	0.0	0.0	0.0
				91.00000	90.00000	68.24000	0.0	0.0	0.0
				92.00000	90.00000	68.24000	0.0	0.0	0.0
				93.00000	90.00000	68.24000	0.0	0.0	0.0
				94.00000	90.00000	68.24000	0.0	0.0	0.0
				95.00000	90.00000	68.24000	0.0	0.0	0.0
				96.00000	90.00000	68.24000	0.0	0.0	0.0
				97.00000	90.00000	68.24000	0.0	0.0	0.0
				98.00000	90.00000	68.24000	0.0	0.0	0.0
				99.00000	90.00000	68.24000	0.0	0.0	0.0
				100.00000	90.00000	68.24000	0.0	0.0	0.0
				0.00000	91.00000	68.24000	0.0	0.0	0.0
				1.00000	91.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				2.00000	91.00000	68.24000	0.0	0.0	0.0
				3.00000	91.00000	68.24000	0.0	0.0	0.0
				4.00000	91.00000	68.24000	0.0	0.0	0.0
				5.00000	91.00000	68.24000	0.0	0.0	0.0
				6.00000	91.00000	68.24000	0.0	0.0	0.0
				7.00000	91.00000	68.24000	0.0	0.0	0.0
				8.00000	91.00000	68.24000	0.0	0.0	0.0
				9.00000	91.00000	68.24000	0.0	0.0	0.0
				10.00000	91.00000	68.24000	0.0	0.0	0.0
				11.00000	91.00000	68.24000	0.0	0.0	0.0
				12.00000	91.00000	68.24000	0.0	0.0	0.0
				13.00000	91.00000	68.24000	0.0	0.0	0.0
				14.00000	91.00000	68.24000	0.0	0.0	0.0
				15.00000	91.00000	68.24000	0.0	0.0	0.0
				16.00000	91.00000	68.24000	0.0	0.0	0.0
				17.00000	91.00000	68.24000	0.0	0.0	0.0
				18.00000	91.00000	68.24000	0.0	0.0	0.0
				19.00000	91.00000	68.24000	0.0	0.0	0.0
				20.00000	91.00000	68.24000	0.0	0.0	0.0
				21.00000	91.00000	68.24000	0.0	0.0	0.0
				22.00000	91.00000	68.24000	0.0	0.0	0.0
				23.00000	91.00000	68.24000	0.0	0.0	0.0
				24.00000	91.00000	68.24000	0.0	0.0	0.0
				25.00000	91.00000	68.24000	0.0	0.0	0.0
				26.00000	91.00000	68.24000	0.0	0.0	0.0
				27.00000	91.00000	68.24000	0.0	0.0	0.0
				28.00000	91.00000	68.24000	0.0	0.0	0.0
				29.00000	91.00000	68.24000	0.0	0.0	0.0
				30.00000	91.00000	68.24000	0.0	0.0	0.0
				31.00000	91.00000	68.24000	0.0	0.0	0.0
				32.00000	91.00000	68.24000	0.0	0.0	0.0
				33.00000	91.00000	68.24000	0.0	0.0	0.0
				34.00000	91.00000	68.24000	0.0	0.0	0.0
				35.00000	91.00000	68.24000	0.0	0.0	0.0
				36.00000	91.00000	68.24000	0.0	0.0	0.0
				37.00000	91.00000	68.24000	0.0	0.0	0.0
				38.00000	91.00000	68.24000	0.0	0.0	0.0
				39.00000	91.00000	68.24000	0.0	0.0	0.0
				40.00000	91.00000	68.24000	0.0	0.0	0.0
				41.00000	91.00000	68.24000	0.0	0.0	0.0
				42.00000	91.00000	68.24000	0.0	0.0	0.0
				43.00000	91.00000	68.24000	0.0	0.0	0.0
				44.00000	91.00000	68.24000	0.0	0.0	0.0
				45.00000	91.00000	68.24000	0.0	0.0	0.0
				46.00000	91.00000	68.24000	0.0	0.0	0.0
				47.00000	91.00000	68.24000	0.0	0.0	0.0
				48.00000	91.00000	68.24000	0.0	0.0	0.0
				49.00000	91.00000	68.24000	0.0	0.0	0.0
				50.00000	91.00000	68.24000	0.0	0.0	0.0
				51.00000	91.00000	68.24000	0.0	0.0	0.0
				52.00000	91.00000	68.24000	0.0	0.0	0.0
				53.00000	91.00000	68.24000	0.0	0.0	0.0
				54.00000	91.00000	68.24000	0.0	0.0	0.0
				55.00000	91.00000	68.24000	0.0	0.0	0.0
				56.00000	91.00000	68.24000	0.0	0.0	0.0
				57.00000	91.00000	68.24000	0.0	0.0	0.0
				58.00000	91.00000	68.24000	0.0	0.0	0.0
				59.00000	91.00000	68.24000	0.0	0.0	0.0
				60.00000	91.00000	68.24000	0.0	0.0	0.0
				61.00000	91.00000	68.24000	0.0	0.0	0.0
				62.00000	91.00000	68.24000	0.0	0.0	0.0
				63.00000	91.00000	68.24000	0.0	0.0	0.0
				64.00000	91.00000	68.24000	0.0	0.0	0.0
				65.00000	91.00000	68.24000	0.0	0.0	0.0
				66.00000	91.00000	68.24000	0.0	0.0	0.0
				67.00000	91.00000	68.24000	0.0	0.0	0.0
				68.00000	91.00000	68.24000	0.0	0.0	0.0
				69.00000	91.00000	68.24000	0.0	0.0	0.0
				70.00000	91.00000	68.24000	0.0	0.0	0.0
				71.00000	91.00000	68.24000	0.0	0.0	0.0
				72.00000	91.00000	68.24000	0.0	0.0	0.0
				73.00000	91.00000	68.24000	0.0	0.0	0.0
				74.00000	91.00000	68.24000	0.0	0.0	0.0
				75.00000	91.00000	68.24000	0.0	0.0	0.0
				76.00000	91.00000	68.24000	0.0	0.0	0.0
				77.00000	91.00000	68.24000	0.0	0.0	0.0
				78.00000	91.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				79.00000	91.00000	68.24000	0.0	0.0	0.0
				80.00000	91.00000	68.24000	0.0	0.0	0.0
				81.00000	91.00000	68.24000	0.0	0.0	0.0
				82.00000	91.00000	68.24000	0.0	0.0	0.0
				83.00000	91.00000	68.24000	0.0	0.0	0.0
				84.00000	91.00000	68.24000	0.0	0.0	0.0
				85.00000	91.00000	68.24000	0.0	0.0	0.0
				86.00000	91.00000	68.24000	0.0	0.0	0.0
				87.00000	91.00000	68.24000	0.0	0.0	0.0
				88.00000	91.00000	68.24000	0.0	0.0	0.0
				89.00000	91.00000	68.24000	0.0	0.0	0.0
				90.00000	91.00000	68.24000	0.0	0.0	0.0
				91.00000	91.00000	68.24000	0.0	0.0	0.0
				92.00000	91.00000	68.24000	0.0	0.0	0.0
				93.00000	91.00000	68.24000	0.0	0.0	0.0
				94.00000	91.00000	68.24000	0.0	0.0	0.0
				95.00000	91.00000	68.24000	0.0	0.0	0.0
				96.00000	91.00000	68.24000	0.0	0.0	0.0
				97.00000	91.00000	68.24000	0.0	0.0	0.0
				98.00000	91.00000	68.24000	0.0	0.0	0.0
				99.00000	91.00000	68.24000	0.0	0.0	0.0
				100.00000	91.00000	68.24000	0.0	0.0	0.0
				0.00000	92.00000	68.24000	0.0	0.0	0.0
				1.00000	92.00000	68.24000	0.0	0.0	0.0
				2.00000	92.00000	68.24000	0.0	0.0	0.0
				3.00000	92.00000	68.24000	0.0	0.0	0.0
				4.00000	92.00000	68.24000	0.0	0.0	0.0
				5.00000	92.00000	68.24000	0.0	0.0	0.0
				6.00000	92.00000	68.24000	0.0	0.0	0.0
				7.00000	92.00000	68.24000	0.0	0.0	0.0
				8.00000	92.00000	68.24000	0.0	0.0	0.0
				9.00000	92.00000	68.24000	0.0	0.0	0.0
				10.00000	92.00000	68.24000	0.0	0.0	0.0
				11.00000	92.00000	68.24000	0.0	0.0	0.0
				12.00000	92.00000	68.24000	0.0	0.0	0.0
				13.00000	92.00000	68.24000	0.0	0.0	0.0
				14.00000	92.00000	68.24000	0.0	0.0	0.0
				15.00000	92.00000	68.24000	0.0	0.0	0.0
				16.00000	92.00000	68.24000	0.0	0.0	0.0
				17.00000	92.00000	68.24000	0.0	0.0	0.0
				18.00000	92.00000	68.24000	0.0	0.0	0.0
				19.00000	92.00000	68.24000	0.0	0.0	0.0
				20.00000	92.00000	68.24000	0.0	0.0	0.0
				21.00000	92.00000	68.24000	0.0	0.0	0.0
				22.00000	92.00000	68.24000	0.0	0.0	0.0
				23.00000	92.00000	68.24000	0.0	0.0	0.0
				24.00000	92.00000	68.24000	0.0	0.0	0.0
				25.00000	92.00000	68.24000	0.0	0.0	0.0
				26.00000	92.00000	68.24000	0.0	0.0	0.0
				27.00000	92.00000	68.24000	0.0	0.0	0.0
				28.00000	92.00000	68.24000	0.0	0.0	0.0
				29.00000	92.00000	68.24000	0.0	0.0	0.0
				30.00000	92.00000	68.24000	0.0	0.0	0.0
				31.00000	92.00000	68.24000	0.0	0.0	0.0
				32.00000	92.00000	68.24000	0.0	0.0	0.0
				33.00000	92.00000	68.24000	0.0	0.0	0.0
				34.00000	92.00000	68.24000	0.0	0.0	0.0
				35.00000	92.00000	68.24000	0.0	0.0	0.0
				36.00000	92.00000	68.24000	0.0	0.0	0.0
				37.00000	92.00000	68.24000	0.0	0.0	0.0
				38.00000	92.00000	68.24000	0.0	0.0	0.0
				39.00000	92.00000	68.24000	0.0	0.0	0.0
				40.00000	92.00000	68.24000	0.0	0.0	0.0
				41.00000	92.00000	68.24000	0.0	0.0	0.0
				42.00000	92.00000	68.24000	0.0	0.0	0.0
				43.00000	92.00000	68.24000	0.0	0.0	0.0
				44.00000	92.00000	68.24000	0.0	0.0	0.0
				45.00000	92.00000	68.24000	0.0	0.0	0.0
				46.00000	92.00000	68.24000	0.0	0.0	0.0
				47.00000	92.00000	68.24000	0.0	0.0	0.0
				48.00000	92.00000	68.24000	0.0	0.0	0.0
				49.00000	92.00000	68.24000	0.0	0.0	0.0
				50.00000	92.00000	68.24000	0.0	0.0	0.0
				51.00000	92.00000	68.24000	0.0	0.0	0.0
				52.00000	92.00000	68.24000	0.0	0.0	0.0
				53.00000	92.00000	68.24000	0.0	0.0	0.0
				54.00000	92.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				55.00000	92.00000	68.24000	0.0	0.0	0.0
				56.00000	92.00000	68.24000	0.0	0.0	0.0
				57.00000	92.00000	68.24000	0.0	0.0	0.0
				58.00000	92.00000	68.24000	0.0	0.0	0.0
				59.00000	92.00000	68.24000	0.0	0.0	0.0
				60.00000	92.00000	68.24000	0.0	0.0	0.0
				61.00000	92.00000	68.24000	0.0	0.0	0.0
				62.00000	92.00000	68.24000	0.0	0.0	0.0
				63.00000	92.00000	68.24000	0.0	0.0	0.0
				64.00000	92.00000	68.24000	0.0	0.0	0.0
				65.00000	92.00000	68.24000	0.0	0.0	0.0
				66.00000	92.00000	68.24000	0.0	0.0	0.0
				67.00000	92.00000	68.24000	0.0	0.0	0.0
				68.00000	92.00000	68.24000	0.0	0.0	0.0
				69.00000	92.00000	68.24000	0.0	0.0	0.0
				70.00000	92.00000	68.24000	0.0	0.0	0.0
				71.00000	92.00000	68.24000	0.0	0.0	0.0
				72.00000	92.00000	68.24000	0.0	0.0	0.0
				73.00000	92.00000	68.24000	0.0	0.0	0.0
				74.00000	92.00000	68.24000	0.0	0.0	0.0
				75.00000	92.00000	68.24000	0.0	0.0	0.0
				76.00000	92.00000	68.24000	0.0	0.0	0.0
				77.00000	92.00000	68.24000	0.0	0.0	0.0
				78.00000	92.00000	68.24000	0.0	0.0	0.0
				79.00000	92.00000	68.24000	0.0	0.0	0.0
				80.00000	92.00000	68.24000	0.0	0.0	0.0
				81.00000	92.00000	68.24000	0.0	0.0	0.0
				82.00000	92.00000	68.24000	0.0	0.0	0.0
				83.00000	92.00000	68.24000	0.0	0.0	0.0
				84.00000	92.00000	68.24000	0.0	0.0	0.0
				85.00000	92.00000	68.24000	0.0	0.0	0.0
				86.00000	92.00000	68.24000	0.0	0.0	0.0
				87.00000	92.00000	68.24000	0.0	0.0	0.0
				88.00000	92.00000	68.24000	0.0	0.0	0.0
				89.00000	92.00000	68.24000	0.0	0.0	0.0
				90.00000	92.00000	68.24000	0.0	0.0	0.0
				91.00000	92.00000	68.24000	0.0	0.0	0.0
				92.00000	92.00000	68.24000	0.0	0.0	0.0
				93.00000	92.00000	68.24000	0.0	0.0	0.0
				94.00000	92.00000	68.24000	0.0	0.0	0.0
				95.00000	92.00000	68.24000	0.0	0.0	0.0
				96.00000	92.00000	68.24000	0.0	0.0	0.0
				97.00000	92.00000	68.24000	0.0	0.0	0.0
				98.00000	92.00000	68.24000	0.0	0.0	0.0
				99.00000	92.00000	68.24000	0.0	0.0	0.0
				100.00000	92.00000	68.24000	0.0	0.0	0.0
				0.00000	93.00000	68.24000	0.0	0.0	0.0
				1.00000	93.00000	68.24000	0.0	0.0	0.0
				2.00000	93.00000	68.24000	0.0	0.0	0.0
				3.00000	93.00000	68.24000	0.0	0.0	0.0
				4.00000	93.00000	68.24000	0.0	0.0	0.0
				5.00000	93.00000	68.24000	0.0	0.0	0.0
				6.00000	93.00000	68.24000	0.0	0.0	0.0
				7.00000	93.00000	68.24000	0.0	0.0	0.0
				8.00000	93.00000	68.24000	0.0	0.0	0.0
				9.00000	93.00000	68.24000	0.0	0.0	0.0
				10.00000	93.00000	68.24000	0.0	0.0	0.0
				11.00000	93.00000	68.24000	0.0	0.0	0.0
				12.00000	93.00000	68.24000	0.0	0.0	0.0
				13.00000	93.00000	68.24000	0.0	0.0	0.0
				14.00000	93.00000	68.24000	0.0	0.0	0.0
				15.00000	93.00000	68.24000	0.0	0.0	0.0
				16.00000	93.00000	68.24000	0.0	0.0	0.0
				17.00000	93.00000	68.24000	0.0	0.0	0.0
				18.00000	93.00000	68.24000	0.0	0.0	0.0
				19.00000	93.00000	68.24000	0.0	0.0	0.0
				20.00000	93.00000	68.24000	0.0	0.0	0.0
				21.00000	93.00000	68.24000	0.0	0.0	0.0
				22.00000	93.00000	68.24000	0.0	0.0	0.0
				23.00000	93.00000	68.24000	0.0	0.0	0.0
				24.00000	93.00000	68.24000	0.0	0.0	0.0
				25.00000	93.00000	68.24000	0.0	0.0	0.0
				26.00000	93.00000	68.24000	0.0	0.0	0.0
				27.00000	93.00000	68.24000	0.0	0.0	0.0
				28.00000	93.00000	68.24000	0.0	0.0	0.0
				29.00000	93.00000	68.24000	0.0	0.0	0.0
				30.00000	93.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				31.00000	93.00000	68.24000	0.0	0.0	0.0
				32.00000	93.00000	68.24000	0.0	0.0	0.0
				33.00000	93.00000	68.24000	0.0	0.0	0.0
				34.00000	93.00000	68.24000	0.0	0.0	0.0
				35.00000	93.00000	68.24000	0.0	0.0	0.0
				36.00000	93.00000	68.24000	0.0	0.0	0.0
				37.00000	93.00000	68.24000	0.0	0.0	0.0
				38.00000	93.00000	68.24000	0.0	0.0	0.0
				39.00000	93.00000	68.24000	0.0	0.0	0.0
				40.00000	93.00000	68.24000	0.0	0.0	0.0
				41.00000	93.00000	68.24000	0.0	0.0	0.0
				42.00000	93.00000	68.24000	0.0	0.0	0.0
				43.00000	93.00000	68.24000	0.0	0.0	0.0
				44.00000	93.00000	68.24000	0.0	0.0	0.0
				45.00000	93.00000	68.24000	0.0	0.0	0.0
				46.00000	93.00000	68.24000	0.0	0.0	0.0
				47.00000	93.00000	68.24000	0.0	0.0	0.0
				48.00000	93.00000	68.24000	0.0	0.0	0.0
				49.00000	93.00000	68.24000	0.0	0.0	0.0
				50.00000	93.00000	68.24000	0.0	0.0	0.0
				51.00000	93.00000	68.24000	0.0	0.0	0.0
				52.00000	93.00000	68.24000	0.0	0.0	0.0
				53.00000	93.00000	68.24000	0.0	0.0	0.0
				54.00000	93.00000	68.24000	0.0	0.0	0.0
				55.00000	93.00000	68.24000	0.0	0.0	0.0
				56.00000	93.00000	68.24000	0.0	0.0	0.0
				57.00000	93.00000	68.24000	0.0	0.0	0.0
				58.00000	93.00000	68.24000	0.0	0.0	0.0
				59.00000	93.00000	68.24000	0.0	0.0	0.0
				60.00000	93.00000	68.24000	0.0	0.0	0.0
				61.00000	93.00000	68.24000	0.0	0.0	0.0
				62.00000	93.00000	68.24000	0.0	0.0	0.0
				63.00000	93.00000	68.24000	0.0	0.0	0.0
				64.00000	93.00000	68.24000	0.0	0.0	0.0
				65.00000	93.00000	68.24000	0.0	0.0	0.0
				66.00000	93.00000	68.24000	0.0	0.0	0.0
				67.00000	93.00000	68.24000	0.0	0.0	0.0
				68.00000	93.00000	68.24000	0.0	0.0	0.0
				69.00000	93.00000	68.24000	0.0	0.0	0.0
				70.00000	93.00000	68.24000	0.0	0.0	0.0
				71.00000	93.00000	68.24000	0.0	0.0	0.0
				72.00000	93.00000	68.24000	0.0	0.0	0.0
				73.00000	93.00000	68.24000	0.0	0.0	0.0
				74.00000	93.00000	68.24000	0.0	0.0	0.0
				75.00000	93.00000	68.24000	0.0	0.0	0.0
				76.00000	93.00000	68.24000	0.0	0.0	0.0
				77.00000	93.00000	68.24000	0.0	0.0	0.0
				78.00000	93.00000	68.24000	0.0	0.0	0.0
				79.00000	93.00000	68.24000	0.0	0.0	0.0
				80.00000	93.00000	68.24000	0.0	0.0	0.0
				81.00000	93.00000	68.24000	0.0	0.0	0.0
				82.00000	93.00000	68.24000	0.0	0.0	0.0
				83.00000	93.00000	68.24000	0.0	0.0	0.0
				84.00000	93.00000	68.24000	0.0	0.0	0.0
				85.00000	93.00000	68.24000	0.0	0.0	0.0
				86.00000	93.00000	68.24000	0.0	0.0	0.0
				87.00000	93.00000	68.24000	0.0	0.0	0.0
				88.00000	93.00000	68.24000	0.0	0.0	0.0
				89.00000	93.00000	68.24000	0.0	0.0	0.0
				90.00000	93.00000	68.24000	0.0	0.0	0.0
				91.00000	93.00000	68.24000	0.0	0.0	0.0
				92.00000	93.00000	68.24000	0.0	0.0	0.0
				93.00000	93.00000	68.24000	0.0	0.0	0.0
				94.00000	93.00000	68.24000	0.0	0.0	0.0
				95.00000	93.00000	68.24000	0.0	0.0	0.0
				96.00000	93.00000	68.24000	0.0	0.0	0.0
				97.00000	93.00000	68.24000	0.0	0.0	0.0
				98.00000	93.00000	68.24000	0.0	0.0	0.0
				99.00000	93.00000	68.24000	0.0	0.0	0.0
				100.00000	93.00000	68.24000	0.0	0.0	0.0
				0.00000	94.00000	68.24000	0.0	0.0	0.0
				1.00000	94.00000	68.24000	0.0	0.0	0.0
				2.00000	94.00000	68.24000	0.0	0.0	0.0
				3.00000	94.00000	68.24000	0.0	0.0	0.0
				4.00000	94.00000	68.24000	0.0	0.0	0.0
				5.00000	94.00000	68.24000	0.0	0.0	0.0
				6.00000	94.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				7.00000	94.00000	68.24000	0.0	0.0	0.0
				8.00000	94.00000	68.24000	0.0	0.0	0.0
				9.00000	94.00000	68.24000	0.0	0.0	0.0
				10.00000	94.00000	68.24000	0.0	0.0	0.0
				11.00000	94.00000	68.24000	0.0	0.0	0.0
				12.00000	94.00000	68.24000	0.0	0.0	0.0
				13.00000	94.00000	68.24000	0.0	0.0	0.0
				14.00000	94.00000	68.24000	0.0	0.0	0.0
				15.00000	94.00000	68.24000	0.0	0.0	0.0
				16.00000	94.00000	68.24000	0.0	0.0	0.0
				17.00000	94.00000	68.24000	0.0	0.0	0.0
				18.00000	94.00000	68.24000	0.0	0.0	0.0
				19.00000	94.00000	68.24000	0.0	0.0	0.0
				20.00000	94.00000	68.24000	0.0	0.0	0.0
				21.00000	94.00000	68.24000	0.0	0.0	0.0
				22.00000	94.00000	68.24000	0.0	0.0	0.0
				23.00000	94.00000	68.24000	0.0	0.0	0.0
				24.00000	94.00000	68.24000	0.0	0.0	0.0
				25.00000	94.00000	68.24000	0.0	0.0	0.0
				26.00000	94.00000	68.24000	0.0	0.0	0.0
				27.00000	94.00000	68.24000	0.0	0.0	0.0
				28.00000	94.00000	68.24000	0.0	0.0	0.0
				29.00000	94.00000	68.24000	0.0	0.0	0.0
				30.00000	94.00000	68.24000	0.0	0.0	0.0
				31.00000	94.00000	68.24000	0.0	0.0	0.0
				32.00000	94.00000	68.24000	0.0	0.0	0.0
				33.00000	94.00000	68.24000	0.0	0.0	0.0
				34.00000	94.00000	68.24000	0.0	0.0	0.0
				35.00000	94.00000	68.24000	0.0	0.0	0.0
				36.00000	94.00000	68.24000	0.0	0.0	0.0
				37.00000	94.00000	68.24000	0.0	0.0	0.0
				38.00000	94.00000	68.24000	0.0	0.0	0.0
				39.00000	94.00000	68.24000	0.0	0.0	0.0
				40.00000	94.00000	68.24000	0.0	0.0	0.0
				41.00000	94.00000	68.24000	0.0	0.0	0.0
				42.00000	94.00000	68.24000	0.0	0.0	0.0
				43.00000	94.00000	68.24000	0.0	0.0	0.0
				44.00000	94.00000	68.24000	0.0	0.0	0.0
				45.00000	94.00000	68.24000	0.0	0.0	0.0
				46.00000	94.00000	68.24000	0.0	0.0	0.0
				47.00000	94.00000	68.24000	0.0	0.0	0.0
				48.00000	94.00000	68.24000	0.0	0.0	0.0
				49.00000	94.00000	68.24000	0.0	0.0	0.0
				50.00000	94.00000	68.24000	0.0	0.0	0.0
				51.00000	94.00000	68.24000	0.0	0.0	0.0
				52.00000	94.00000	68.24000	0.0	0.0	0.0
				53.00000	94.00000	68.24000	0.0	0.0	0.0
				54.00000	94.00000	68.24000	0.0	0.0	0.0
				55.00000	94.00000	68.24000	0.0	0.0	0.0
				56.00000	94.00000	68.24000	0.0	0.0	0.0
				57.00000	94.00000	68.24000	0.0	0.0	0.0
				58.00000	94.00000	68.24000	0.0	0.0	0.0
				59.00000	94.00000	68.24000	0.0	0.0	0.0
				60.00000	94.00000	68.24000	0.0	0.0	0.0
				61.00000	94.00000	68.24000	0.0	0.0	0.0
				62.00000	94.00000	68.24000	0.0	0.0	0.0
				63.00000	94.00000	68.24000	0.0	0.0	0.0
				64.00000	94.00000	68.24000	0.0	0.0	0.0
				65.00000	94.00000	68.24000	0.0	0.0	0.0
				66.00000	94.00000	68.24000	0.0	0.0	0.0
				67.00000	94.00000	68.24000	0.0	0.0	0.0
				68.00000	94.00000	68.24000	0.0	0.0	0.0
				69.00000	94.00000	68.24000	0.0	0.0	0.0
				70.00000	94.00000	68.24000	0.0	0.0	0.0
				71.00000	94.00000	68.24000	0.0	0.0	0.0
				72.00000	94.00000	68.24000	0.0	0.0	0.0
				73.00000	94.00000	68.24000	0.0	0.0	0.0
				74.00000	94.00000	68.24000	0.0	0.0	0.0
				75.00000	94.00000	68.24000	0.0	0.0	0.0
				76.00000	94.00000	68.24000	0.0	0.0	0.0
				77.00000	94.00000	68.24000	0.0	0.0	0.0
				78.00000	94.00000	68.24000	0.0	0.0	0.0
				79.00000	94.00000	68.24000	0.0	0.0	0.0
				80.00000	94.00000	68.24000	0.0	0.0	0.0
				81.00000	94.00000	68.24000	0.0	0.0	0.0
				82.00000	94.00000	68.24000	0.0	0.0	0.0
				83.00000	94.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				84.00000	94.00000	68.24000	0.0	0.0	0.0
				85.00000	94.00000	68.24000	0.0	0.0	0.0
				86.00000	94.00000	68.24000	0.0	0.0	0.0
				87.00000	94.00000	68.24000	0.0	0.0	0.0
				88.00000	94.00000	68.24000	0.0	0.0	0.0
				89.00000	94.00000	68.24000	0.0	0.0	0.0
				90.00000	94.00000	68.24000	0.0	0.0	0.0
				91.00000	94.00000	68.24000	0.0	0.0	0.0
				92.00000	94.00000	68.24000	0.0	0.0	0.0
				93.00000	94.00000	68.24000	0.0	0.0	0.0
				94.00000	94.00000	68.24000	0.0	0.0	0.0
				95.00000	94.00000	68.24000	0.0	0.0	0.0
				96.00000	94.00000	68.24000	0.0	0.0	0.0
				97.00000	94.00000	68.24000	0.0	0.0	0.0
				98.00000	94.00000	68.24000	0.0	0.0	0.0
				99.00000	94.00000	68.24000	0.0	0.0	0.0
				100.00000	94.00000	68.24000	0.0	0.0	0.0
				0.00000	95.00000	68.24000	0.0	0.0	0.0
				1.00000	95.00000	68.24000	0.0	0.0	0.0
				2.00000	95.00000	68.24000	0.0	0.0	0.0
				3.00000	95.00000	68.24000	0.0	0.0	0.0
				4.00000	95.00000	68.24000	0.0	0.0	0.0
				5.00000	95.00000	68.24000	0.0	0.0	0.0
				6.00000	95.00000	68.24000	0.0	0.0	0.0
				7.00000	95.00000	68.24000	0.0	0.0	0.0
				8.00000	95.00000	68.24000	0.0	0.0	0.0
				9.00000	95.00000	68.24000	0.0	0.0	0.0
				10.00000	95.00000	68.24000	0.0	0.0	0.0
				11.00000	95.00000	68.24000	0.0	0.0	0.0
				12.00000	95.00000	68.24000	0.0	0.0	0.0
				13.00000	95.00000	68.24000	0.0	0.0	0.0
				14.00000	95.00000	68.24000	0.0	0.0	0.0
				15.00000	95.00000	68.24000	0.0	0.0	0.0
				16.00000	95.00000	68.24000	0.0	0.0	0.0
				17.00000	95.00000	68.24000	0.0	0.0	0.0
				18.00000	95.00000	68.24000	0.0	0.0	0.0
				19.00000	95.00000	68.24000	0.0	0.0	0.0
				20.00000	95.00000	68.24000	0.0	0.0	0.0
				21.00000	95.00000	68.24000	0.0	0.0	0.0
				22.00000	95.00000	68.24000	0.0	0.0	0.0
				23.00000	95.00000	68.24000	0.0	0.0	0.0
				24.00000	95.00000	68.24000	0.0	0.0	0.0
				25.00000	95.00000	68.24000	0.0	0.0	0.0
				26.00000	95.00000	68.24000	0.0	0.0	0.0
				27.00000	95.00000	68.24000	0.0	0.0	0.0
				28.00000	95.00000	68.24000	0.0	0.0	0.0
				29.00000	95.00000	68.24000	0.0	0.0	0.0
				30.00000	95.00000	68.24000	0.0	0.0	0.0
				31.00000	95.00000	68.24000	0.0	0.0	0.0
				32.00000	95.00000	68.24000	0.0	0.0	0.0
				33.00000	95.00000	68.24000	0.0	0.0	0.0
				34.00000	95.00000	68.24000	0.0	0.0	0.0
				35.00000	95.00000	68.24000	0.0	0.0	0.0
				36.00000	95.00000	68.24000	0.0	0.0	0.0
				37.00000	95.00000	68.24000	0.0	0.0	0.0
				38.00000	95.00000	68.24000	0.0	0.0	0.0
				39.00000	95.00000	68.24000	0.0	0.0	0.0
				40.00000	95.00000	68.24000	0.0	0.0	0.0
				41.00000	95.00000	68.24000	0.0	0.0	0.0
				42.00000	95.00000	68.24000	0.0	0.0	0.0
				43.00000	95.00000	68.24000	0.0	0.0	0.0
				44.00000	95.00000	68.24000	0.0	0.0	0.0
				45.00000	95.00000	68.24000	0.0	0.0	0.0
				46.00000	95.00000	68.24000	0.0	0.0	0.0
				47.00000	95.00000	68.24000	0.0	0.0	0.0
				48.00000	95.00000	68.24000	0.0	0.0	0.0
				49.00000	95.00000	68.24000	0.0	0.0	0.0
				50.00000	95.00000	68.24000	0.0	0.0	0.0
				51.00000	95.00000	68.24000	0.0	0.0	0.0
				52.00000	95.00000	68.24000	0.0	0.0	0.0
				53.00000	95.00000	68.24000	0.0	0.0	0.0
				54.00000	95.00000	68.24000	0.0	0.0	0.0
				55.00000	95.00000	68.24000	0.0	0.0	0.0
				56.00000	95.00000	68.24000	0.0	0.0	0.0
				57.00000	95.00000	68.24000	0.0	0.0	0.0
				58.00000	95.00000	68.24000	0.0	0.0	0.0
				59.00000	95.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				60.00000	95.00000	68.24000	0.0	0.0	0.0
				61.00000	95.00000	68.24000	0.0	0.0	0.0
				62.00000	95.00000	68.24000	0.0	0.0	0.0
				63.00000	95.00000	68.24000	0.0	0.0	0.0
				64.00000	95.00000	68.24000	0.0	0.0	0.0
				65.00000	95.00000	68.24000	0.0	0.0	0.0
				66.00000	95.00000	68.24000	0.0	0.0	0.0
				67.00000	95.00000	68.24000	0.0	0.0	0.0
				68.00000	95.00000	68.24000	0.0	0.0	0.0
				69.00000	95.00000	68.24000	0.0	0.0	0.0
				70.00000	95.00000	68.24000	0.0	0.0	0.0
				71.00000	95.00000	68.24000	0.0	0.0	0.0
				72.00000	95.00000	68.24000	0.0	0.0	0.0
				73.00000	95.00000	68.24000	0.0	0.0	0.0
				74.00000	95.00000	68.24000	0.0	0.0	0.0
				75.00000	95.00000	68.24000	0.0	0.0	0.0
				76.00000	95.00000	68.24000	0.0	0.0	0.0
				77.00000	95.00000	68.24000	0.0	0.0	0.0
				78.00000	95.00000	68.24000	0.0	0.0	0.0
				79.00000	95.00000	68.24000	0.0	0.0	0.0
				80.00000	95.00000	68.24000	0.0	0.0	0.0
				81.00000	95.00000	68.24000	0.0	0.0	0.0
				82.00000	95.00000	68.24000	0.0	0.0	0.0
				83.00000	95.00000	68.24000	0.0	0.0	0.0
				84.00000	95.00000	68.24000	0.0	0.0	0.0
				85.00000	95.00000	68.24000	0.0	0.0	0.0
				86.00000	95.00000	68.24000	0.0	0.0	0.0
				87.00000	95.00000	68.24000	0.0	0.0	0.0
				88.00000	95.00000	68.24000	0.0	0.0	0.0
				89.00000	95.00000	68.24000	0.0	0.0	0.0
				90.00000	95.00000	68.24000	0.0	0.0	0.0
				91.00000	95.00000	68.24000	0.0	0.0	0.0
				92.00000	95.00000	68.24000	0.0	0.0	0.0
				93.00000	95.00000	68.24000	0.0	0.0	0.0
				94.00000	95.00000	68.24000	0.0	0.0	0.0
				95.00000	95.00000	68.24000	0.0	0.0	0.0
				96.00000	95.00000	68.24000	0.0	0.0	0.0
				97.00000	95.00000	68.24000	0.0	0.0	0.0
				98.00000	95.00000	68.24000	0.0	0.0	0.0
				99.00000	95.00000	68.24000	0.0	0.0	0.0
				100.00000	95.00000	68.24000	0.0	0.0	0.0
				0.00000	96.00000	68.24000	0.0	0.0	0.0
				1.00000	96.00000	68.24000	0.0	0.0	0.0
				2.00000	96.00000	68.24000	0.0	0.0	0.0
				3.00000	96.00000	68.24000	0.0	0.0	0.0
				4.00000	96.00000	68.24000	0.0	0.0	0.0
				5.00000	96.00000	68.24000	0.0	0.0	0.0
				6.00000	96.00000	68.24000	0.0	0.0	0.0
				7.00000	96.00000	68.24000	0.0	0.0	0.0
				8.00000	96.00000	68.24000	0.0	0.0	0.0
				9.00000	96.00000	68.24000	0.0	0.0	0.0
				10.00000	96.00000	68.24000	0.0	0.0	0.0
				11.00000	96.00000	68.24000	0.0	0.0	0.0
				12.00000	96.00000	68.24000	0.0	0.0	0.0
				13.00000	96.00000	68.24000	0.0	0.0	0.0
				14.00000	96.00000	68.24000	0.0	0.0	0.0
				15.00000	96.00000	68.24000	0.0	0.0	0.0
				16.00000	96.00000	68.24000	0.0	0.0	0.0
				17.00000	96.00000	68.24000	0.0	0.0	0.0
				18.00000	96.00000	68.24000	0.0	0.0	0.0
				19.00000	96.00000	68.24000	0.0	0.0	0.0
				20.00000	96.00000	68.24000	0.0	0.0	0.0
				21.00000	96.00000	68.24000	0.0	0.0	0.0
				22.00000	96.00000	68.24000	0.0	0.0	0.0
				23.00000	96.00000	68.24000	0.0	0.0	0.0
				24.00000	96.00000	68.24000	0.0	0.0	0.0
				25.00000	96.00000	68.24000	0.0	0.0	0.0
				26.00000	96.00000	68.24000	0.0	0.0	0.0
				27.00000	96.00000	68.24000	0.0	0.0	0.0
				28.00000	96.00000	68.24000	0.0	0.0	0.0
				29.00000	96.00000	68.24000	0.0	0.0	0.0
				30.00000	96.00000	68.24000	0.0	0.0	0.0
				31.00000	96.00000	68.24000	0.0	0.0	0.0
				32.00000	96.00000	68.24000	0.0	0.0	0.0
				33.00000	96.00000	68.24000	0.0	0.0	0.0
				34.00000	96.00000	68.24000	0.0	0.0	0.0
				35.00000	96.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				36.00000	96.00000	68.24000	0.0	0.0	0.0
				37.00000	96.00000	68.24000	0.0	0.0	0.0
				38.00000	96.00000	68.24000	0.0	0.0	0.0
				39.00000	96.00000	68.24000	0.0	0.0	0.0
				40.00000	96.00000	68.24000	0.0	0.0	0.0
				41.00000	96.00000	68.24000	0.0	0.0	0.0
				42.00000	96.00000	68.24000	0.0	0.0	0.0
				43.00000	96.00000	68.24000	0.0	0.0	0.0
				44.00000	96.00000	68.24000	0.0	0.0	0.0
				45.00000	96.00000	68.24000	0.0	0.0	0.0
				46.00000	96.00000	68.24000	0.0	0.0	0.0
				47.00000	96.00000	68.24000	0.0	0.0	0.0
				48.00000	96.00000	68.24000	0.0	0.0	0.0
				49.00000	96.00000	68.24000	0.0	0.0	0.0
				50.00000	96.00000	68.24000	0.0	0.0	0.0
				51.00000	96.00000	68.24000	0.0	0.0	0.0
				52.00000	96.00000	68.24000	0.0	0.0	0.0
				53.00000	96.00000	68.24000	0.0	0.0	0.0
				54.00000	96.00000	68.24000	0.0	0.0	0.0
				55.00000	96.00000	68.24000	0.0	0.0	0.0
				56.00000	96.00000	68.24000	0.0	0.0	0.0
				57.00000	96.00000	68.24000	0.0	0.0	0.0
				58.00000	96.00000	68.24000	0.0	0.0	0.0
				59.00000	96.00000	68.24000	0.0	0.0	0.0
				60.00000	96.00000	68.24000	0.0	0.0	0.0
				61.00000	96.00000	68.24000	0.0	0.0	0.0
				62.00000	96.00000	68.24000	0.0	0.0	0.0
				63.00000	96.00000	68.24000	0.0	0.0	0.0
				64.00000	96.00000	68.24000	0.0	0.0	0.0
				65.00000	96.00000	68.24000	0.0	0.0	0.0
				66.00000	96.00000	68.24000	0.0	0.0	0.0
				67.00000	96.00000	68.24000	0.0	0.0	0.0
				68.00000	96.00000	68.24000	0.0	0.0	0.0
				69.00000	96.00000	68.24000	0.0	0.0	0.0
				70.00000	96.00000	68.24000	0.0	0.0	0.0
				71.00000	96.00000	68.24000	0.0	0.0	0.0
				72.00000	96.00000	68.24000	0.0	0.0	0.0
				73.00000	96.00000	68.24000	0.0	0.0	0.0
				74.00000	96.00000	68.24000	0.0	0.0	0.0
				75.00000	96.00000	68.24000	0.0	0.0	0.0
				76.00000	96.00000	68.24000	0.0	0.0	0.0
				77.00000	96.00000	68.24000	0.0	0.0	0.0
				78.00000	96.00000	68.24000	0.0	0.0	0.0
				79.00000	96.00000	68.24000	0.0	0.0	0.0
				80.00000	96.00000	68.24000	0.0	0.0	0.0
				81.00000	96.00000	68.24000	0.0	0.0	0.0
				82.00000	96.00000	68.24000	0.0	0.0	0.0
				83.00000	96.00000	68.24000	0.0	0.0	0.0
				84.00000	96.00000	68.24000	0.0	0.0	0.0
				85.00000	96.00000	68.24000	0.0	0.0	0.0
				86.00000	96.00000	68.24000	0.0	0.0	0.0
				87.00000	96.00000	68.24000	0.0	0.0	0.0
				88.00000	96.00000	68.24000	0.0	0.0	0.0
				89.00000	96.00000	68.24000	0.0	0.0	0.0
				90.00000	96.00000	68.24000	0.0	0.0	0.0
				91.00000	96.00000	68.24000	0.0	0.0	0.0
				92.00000	96.00000	68.24000	0.0	0.0	0.0
				93.00000	96.00000	68.24000	0.0	0.0	0.0
				94.00000	96.00000	68.24000	0.0	0.0	0.0
				95.00000	96.00000	68.24000	0.0	0.0	0.0
				96.00000	96.00000	68.24000	0.0	0.0	0.0
				97.00000	96.00000	68.24000	0.0	0.0	0.0
				98.00000	96.00000	68.24000	0.0	0.0	0.0
				99.00000	96.00000	68.24000	0.0	0.0	0.0
				100.00000	96.00000	68.24000	0.0	0.0	0.0
				0.00000	97.00000	68.24000	0.0	0.0	0.0
				1.00000	97.00000	68.24000	0.0	0.0	0.0
				2.00000	97.00000	68.24000	0.0	0.0	0.0
				3.00000	97.00000	68.24000	0.0	0.0	0.0
				4.00000	97.00000	68.24000	0.0	0.0	0.0
				5.00000	97.00000	68.24000	0.0	0.0	0.0
				6.00000	97.00000	68.24000	0.0	0.0	0.0
				7.00000	97.00000	68.24000	0.0	0.0	0.0
				8.00000	97.00000	68.24000	0.0	0.0	0.0
				9.00000	97.00000	68.24000	0.0	0.0	0.0
				10.00000	97.00000	68.24000	0.0	0.0	0.0
				11.00000	97.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				12.00000	97.00000	68.24000	0.0	0.0	0.0
				13.00000	97.00000	68.24000	0.0	0.0	0.0
				14.00000	97.00000	68.24000	0.0	0.0	0.0
				15.00000	97.00000	68.24000	0.0	0.0	0.0
				16.00000	97.00000	68.24000	0.0	0.0	0.0
				17.00000	97.00000	68.24000	0.0	0.0	0.0
				18.00000	97.00000	68.24000	0.0	0.0	0.0
				19.00000	97.00000	68.24000	0.0	0.0	0.0
				20.00000	97.00000	68.24000	0.0	0.0	0.0
				21.00000	97.00000	68.24000	0.0	0.0	0.0
				22.00000	97.00000	68.24000	0.0	0.0	0.0
				23.00000	97.00000	68.24000	0.0	0.0	0.0
				24.00000	97.00000	68.24000	0.0	0.0	0.0
				25.00000	97.00000	68.24000	0.0	0.0	0.0
				26.00000	97.00000	68.24000	0.0	0.0	0.0
				27.00000	97.00000	68.24000	0.0	0.0	0.0
				28.00000	97.00000	68.24000	0.0	0.0	0.0
				29.00000	97.00000	68.24000	0.0	0.0	0.0
				30.00000	97.00000	68.24000	0.0	0.0	0.0
				31.00000	97.00000	68.24000	0.0	0.0	0.0
				32.00000	97.00000	68.24000	0.0	0.0	0.0
				33.00000	97.00000	68.24000	0.0	0.0	0.0
				34.00000	97.00000	68.24000	0.0	0.0	0.0
				35.00000	97.00000	68.24000	0.0	0.0	0.0
				36.00000	97.00000	68.24000	0.0	0.0	0.0
				37.00000	97.00000	68.24000	0.0	0.0	0.0
				38.00000	97.00000	68.24000	0.0	0.0	0.0
				39.00000	97.00000	68.24000	0.0	0.0	0.0
				40.00000	97.00000	68.24000	0.0	0.0	0.0
				41.00000	97.00000	68.24000	0.0	0.0	0.0
				42.00000	97.00000	68.24000	0.0	0.0	0.0
				43.00000	97.00000	68.24000	0.0	0.0	0.0
				44.00000	97.00000	68.24000	0.0	0.0	0.0
				45.00000	97.00000	68.24000	0.0	0.0	0.0
				46.00000	97.00000	68.24000	0.0	0.0	0.0
				47.00000	97.00000	68.24000	0.0	0.0	0.0
				48.00000	97.00000	68.24000	0.0	0.0	0.0
				49.00000	97.00000	68.24000	0.0	0.0	0.0
				50.00000	97.00000	68.24000	0.0	0.0	0.0
				51.00000	97.00000	68.24000	0.0	0.0	0.0
				52.00000	97.00000	68.24000	0.0	0.0	0.0
				53.00000	97.00000	68.24000	0.0	0.0	0.0
				54.00000	97.00000	68.24000	0.0	0.0	0.0
				55.00000	97.00000	68.24000	0.0	0.0	0.0
				56.00000	97.00000	68.24000	0.0	0.0	0.0
				57.00000	97.00000	68.24000	0.0	0.0	0.0
				58.00000	97.00000	68.24000	0.0	0.0	0.0
				59.00000	97.00000	68.24000	0.0	0.0	0.0
				60.00000	97.00000	68.24000	0.0	0.0	0.0
				61.00000	97.00000	68.24000	0.0	0.0	0.0
				62.00000	97.00000	68.24000	0.0	0.0	0.0
				63.00000	97.00000	68.24000	0.0	0.0	0.0
				64.00000	97.00000	68.24000	0.0	0.0	0.0
				65.00000	97.00000	68.24000	0.0	0.0	0.0
				66.00000	97.00000	68.24000	0.0	0.0	0.0
				67.00000	97.00000	68.24000	0.0	0.0	0.0
				68.00000	97.00000	68.24000	0.0	0.0	0.0
				69.00000	97.00000	68.24000	0.0	0.0	0.0
				70.00000	97.00000	68.24000	0.0	0.0	0.0
				71.00000	97.00000	68.24000	0.0	0.0	0.0
				72.00000	97.00000	68.24000	0.0	0.0	0.0
				73.00000	97.00000	68.24000	0.0	0.0	0.0
				74.00000	97.00000	68.24000	0.0	0.0	0.0
				75.00000	97.00000	68.24000	0.0	0.0	0.0
				76.00000	97.00000	68.24000	0.0	0.0	0.0
				77.00000	97.00000	68.24000	0.0	0.0	0.0
				78.00000	97.00000	68.24000	0.0	0.0	0.0
				79.00000	97.00000	68.24000	0.0	0.0	0.0
				80.00000	97.00000	68.24000	0.0	0.0	0.0
				81.00000	97.00000	68.24000	0.0	0.0	0.0
				82.00000	97.00000	68.24000	0.0	0.0	0.0
				83.00000	97.00000	68.24000	0.0	0.0	0.0
				84.00000	97.00000	68.24000	0.0	0.0	0.0
				85.00000	97.00000	68.24000	0.0	0.0	0.0
				86.00000	97.00000	68.24000	0.0	0.0	0.0
				87.00000	97.00000	68.24000	0.0	0.0	0.0
				88.00000	97.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				89.00000	97.00000	68.24000	0.0	0.0	0.0
				90.00000	97.00000	68.24000	0.0	0.0	0.0
				91.00000	97.00000	68.24000	0.0	0.0	0.0
				92.00000	97.00000	68.24000	0.0	0.0	0.0
				93.00000	97.00000	68.24000	0.0	0.0	0.0
				94.00000	97.00000	68.24000	0.0	0.0	0.0
				95.00000	97.00000	68.24000	0.0	0.0	0.0
				96.00000	97.00000	68.24000	0.0	0.0	0.0
				97.00000	97.00000	68.24000	0.0	0.0	0.0
				98.00000	97.00000	68.24000	0.0	0.0	0.0
				99.00000	97.00000	68.24000	0.0	0.0	0.0
				100.00000	97.00000	68.24000	0.0	0.0	0.0
				0.00000	98.00000	68.24000	0.0	0.0	0.0
				1.00000	98.00000	68.24000	0.0	0.0	0.0
				2.00000	98.00000	68.24000	0.0	0.0	0.0
				3.00000	98.00000	68.24000	0.0	0.0	0.0
				4.00000	98.00000	68.24000	0.0	0.0	0.0
				5.00000	98.00000	68.24000	0.0	0.0	0.0
				6.00000	98.00000	68.24000	0.0	0.0	0.0
				7.00000	98.00000	68.24000	0.0	0.0	0.0
				8.00000	98.00000	68.24000	0.0	0.0	0.0
				9.00000	98.00000	68.24000	0.0	0.0	0.0
				10.00000	98.00000	68.24000	0.0	0.0	0.0
				11.00000	98.00000	68.24000	0.0	0.0	0.0
				12.00000	98.00000	68.24000	0.0	0.0	0.0
				13.00000	98.00000	68.24000	0.0	0.0	0.0
				14.00000	98.00000	68.24000	0.0	0.0	0.0
				15.00000	98.00000	68.24000	0.0	0.0	0.0
				16.00000	98.00000	68.24000	0.0	0.0	0.0
				17.00000	98.00000	68.24000	0.0	0.0	0.0
				18.00000	98.00000	68.24000	0.0	0.0	0.0
				19.00000	98.00000	68.24000	0.0	0.0	0.0
				20.00000	98.00000	68.24000	0.0	0.0	0.0
				21.00000	98.00000	68.24000	0.0	0.0	0.0
				22.00000	98.00000	68.24000	0.0	0.0	0.0
				23.00000	98.00000	68.24000	0.0	0.0	0.0
				24.00000	98.00000	68.24000	0.0	0.0	0.0
				25.00000	98.00000	68.24000	0.0	0.0	0.0
				26.00000	98.00000	68.24000	0.0	0.0	0.0
				27.00000	98.00000	68.24000	0.0	0.0	0.0
				28.00000	98.00000	68.24000	0.0	0.0	0.0
				29.00000	98.00000	68.24000	0.0	0.0	0.0
				30.00000	98.00000	68.24000	0.0	0.0	0.0
				31.00000	98.00000	68.24000	0.0	0.0	0.0
				32.00000	98.00000	68.24000	0.0	0.0	0.0
				33.00000	98.00000	68.24000	0.0	0.0	0.0
				34.00000	98.00000	68.24000	0.0	0.0	0.0
				35.00000	98.00000	68.24000	0.0	0.0	0.0
				36.00000	98.00000	68.24000	0.0	0.0	0.0
				37.00000	98.00000	68.24000	0.0	0.0	0.0
				38.00000	98.00000	68.24000	0.0	0.0	0.0
				39.00000	98.00000	68.24000	0.0	0.0	0.0
				40.00000	98.00000	68.24000	0.0	0.0	0.0
				41.00000	98.00000	68.24000	0.0	0.0	0.0
				42.00000	98.00000	68.24000	0.0	0.0	0.0
				43.00000	98.00000	68.24000	0.0	0.0	0.0
				44.00000	98.00000	68.24000	0.0	0.0	0.0
				45.00000	98.00000	68.24000	0.0	0.0	0.0
				46.00000	98.00000	68.24000	0.0	0.0	0.0
				47.00000	98.00000	68.24000	0.0	0.0	0.0
				48.00000	98.00000	68.24000	0.0	0.0	0.0
				49.00000	98.00000	68.24000	0.0	0.0	0.0
				50.00000	98.00000	68.24000	0.0	0.0	0.0
				51.00000	98.00000	68.24000	0.0	0.0	0.0
				52.00000	98.00000	68.24000	0.0	0.0	0.0
				53.00000	98.00000	68.24000	0.0	0.0	0.0
				54.00000	98.00000	68.24000	0.0	0.0	0.0
				55.00000	98.00000	68.24000	0.0	0.0	0.0
				56.00000	98.00000	68.24000	0.0	0.0	0.0
				57.00000	98.00000	68.24000	0.0	0.0	0.0
				58.00000	98.00000	68.24000	0.0	0.0	0.0
				59.00000	98.00000	68.24000	0.0	0.0	0.0
				60.00000	98.00000	68.24000	0.0	0.0	0.0
				61.00000	98.00000	68.24000	0.0	0.0	0.0
				62.00000	98.00000	68.24000	0.0	0.0	0.0
				63.00000	98.00000	68.24000	0.0	0.0	0.0
				64.00000	98.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				65.00000	98.00000	68.24000	0.0	0.0	0.0
				66.00000	98.00000	68.24000	0.0	0.0	0.0
				67.00000	98.00000	68.24000	0.0	0.0	0.0
				68.00000	98.00000	68.24000	0.0	0.0	0.0
				69.00000	98.00000	68.24000	0.0	0.0	0.0
				70.00000	98.00000	68.24000	0.0	0.0	0.0
				71.00000	98.00000	68.24000	0.0	0.0	0.0
				72.00000	98.00000	68.24000	0.0	0.0	0.0
				73.00000	98.00000	68.24000	0.0	0.0	0.0
				74.00000	98.00000	68.24000	0.0	0.0	0.0
				75.00000	98.00000	68.24000	0.0	0.0	0.0
				76.00000	98.00000	68.24000	0.0	0.0	0.0
				77.00000	98.00000	68.24000	0.0	0.0	0.0
				78.00000	98.00000	68.24000	0.0	0.0	0.0
				79.00000	98.00000	68.24000	0.0	0.0	0.0
				80.00000	98.00000	68.24000	0.0	0.0	0.0
				81.00000	98.00000	68.24000	0.0	0.0	0.0
				82.00000	98.00000	68.24000	0.0	0.0	0.0
				83.00000	98.00000	68.24000	0.0	0.0	0.0
				84.00000	98.00000	68.24000	0.0	0.0	0.0
				85.00000	98.00000	68.24000	0.0	0.0	0.0
				86.00000	98.00000	68.24000	0.0	0.0	0.0
				87.00000	98.00000	68.24000	0.0	0.0	0.0
				88.00000	98.00000	68.24000	0.0	0.0	0.0
				89.00000	98.00000	68.24000	0.0	0.0	0.0
				90.00000	98.00000	68.24000	0.0	0.0	0.0
				91.00000	98.00000	68.24000	0.0	0.0	0.0
				92.00000	98.00000	68.24000	0.0	0.0	0.0
				93.00000	98.00000	68.24000	0.0	0.0	0.0
				94.00000	98.00000	68.24000	0.0	0.0	0.0
				95.00000	98.00000	68.24000	0.0	0.0	0.0
				96.00000	98.00000	68.24000	0.0	0.0	0.0
				97.00000	98.00000	68.24000	0.0	0.0	0.0
				98.00000	98.00000	68.24000	0.0	0.0	0.0
				99.00000	98.00000	68.24000	0.0	0.0	0.0
				100.00000	98.00000	68.24000	0.0	0.0	0.0
				0.00000	99.00000	68.24000	0.0	0.0	0.0
				1.00000	99.00000	68.24000	0.0	0.0	0.0
				2.00000	99.00000	68.24000	0.0	0.0	0.0
				3.00000	99.00000	68.24000	0.0	0.0	0.0
				4.00000	99.00000	68.24000	0.0	0.0	0.0
				5.00000	99.00000	68.24000	0.0	0.0	0.0
				6.00000	99.00000	68.24000	0.0	0.0	0.0
				7.00000	99.00000	68.24000	0.0	0.0	0.0
				8.00000	99.00000	68.24000	0.0	0.0	0.0
				9.00000	99.00000	68.24000	0.0	0.0	0.0
				10.00000	99.00000	68.24000	0.0	0.0	0.0
				11.00000	99.00000	68.24000	0.0	0.0	0.0
				12.00000	99.00000	68.24000	0.0	0.0	0.0
				13.00000	99.00000	68.24000	0.0	0.0	0.0
				14.00000	99.00000	68.24000	0.0	0.0	0.0
				15.00000	99.00000	68.24000	0.0	0.0	0.0
				16.00000	99.00000	68.24000	0.0	0.0	0.0
				17.00000	99.00000	68.24000	0.0	0.0	0.0
				18.00000	99.00000	68.24000	0.0	0.0	0.0
				19.00000	99.00000	68.24000	0.0	0.0	0.0
				20.00000	99.00000	68.24000	0.0	0.0	0.0
				21.00000	99.00000	68.24000	0.0	0.0	0.0
				22.00000	99.00000	68.24000	0.0	0.0	0.0
				23.00000	99.00000	68.24000	0.0	0.0	0.0
				24.00000	99.00000	68.24000	0.0	0.0	0.0
				25.00000	99.00000	68.24000	0.0	0.0	0.0
				26.00000	99.00000	68.24000	0.0	0.0	0.0
				27.00000	99.00000	68.24000	0.0	0.0	0.0
				28.00000	99.00000	68.24000	0.0	0.0	0.0
				29.00000	99.00000	68.24000	0.0	0.0	0.0
				30.00000	99.00000	68.24000	0.0	0.0	0.0
				31.00000	99.00000	68.24000	0.0	0.0	0.0
				32.00000	99.00000	68.24000	0.0	0.0	0.0
				33.00000	99.00000	68.24000	0.0	0.0	0.0
				34.00000	99.00000	68.24000	0.0	0.0	0.0
				35.00000	99.00000	68.24000	0.0	0.0	0.0
				36.00000	99.00000	68.24000	0.0	0.0	0.0
				37.00000	99.00000	68.24000	0.0	0.0	0.0
				38.00000	99.00000	68.24000	0.0	0.0	0.0
				39.00000	99.00000	68.24000	0.0	0.0	0.0
				40.00000	99.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				41.00000	99.00000	68.24000	0.0	0.0	0.0
				42.00000	99.00000	68.24000	0.0	0.0	0.0
				43.00000	99.00000	68.24000	0.0	0.0	0.0
				44.00000	99.00000	68.24000	0.0	0.0	0.0
				45.00000	99.00000	68.24000	0.0	0.0	0.0
				46.00000	99.00000	68.24000	0.0	0.0	0.0
				47.00000	99.00000	68.24000	0.0	0.0	0.0
				48.00000	99.00000	68.24000	0.0	0.0	0.0
				49.00000	99.00000	68.24000	0.0	0.0	0.0
				50.00000	99.00000	68.24000	0.0	0.0	0.0
				51.00000	99.00000	68.24000	0.0	0.0	0.0
				52.00000	99.00000	68.24000	0.0	0.0	0.0
				53.00000	99.00000	68.24000	0.0	0.0	0.0
				54.00000	99.00000	68.24000	0.0	0.0	0.0
				55.00000	99.00000	68.24000	0.0	0.0	0.0
				56.00000	99.00000	68.24000	0.0	0.0	0.0
				57.00000	99.00000	68.24000	0.0	0.0	0.0
				58.00000	99.00000	68.24000	0.0	0.0	0.0
				59.00000	99.00000	68.24000	0.0	0.0	0.0
				60.00000	99.00000	68.24000	0.0	0.0	0.0
				61.00000	99.00000	68.24000	0.0	0.0	0.0
				62.00000	99.00000	68.24000	0.0	0.0	0.0
				63.00000	99.00000	68.24000	0.0	0.0	0.0
				64.00000	99.00000	68.24000	0.0	0.0	0.0
				65.00000	99.00000	68.24000	0.0	0.0	0.0
				66.00000	99.00000	68.24000	0.0	0.0	0.0
				67.00000	99.00000	68.24000	0.0	0.0	0.0
				68.00000	99.00000	68.24000	0.0	0.0	0.0
				69.00000	99.00000	68.24000	0.0	0.0	0.0
				70.00000	99.00000	68.24000	0.0	0.0	0.0
				71.00000	99.00000	68.24000	0.0	0.0	0.0
				72.00000	99.00000	68.24000	0.0	0.0	0.0
				73.00000	99.00000	68.24000	0.0	0.0	0.0
				74.00000	99.00000	68.24000	0.0	0.0	0.0
				75.00000	99.00000	68.24000	0.0	0.0	0.0
				76.00000	99.00000	68.24000	0.0	0.0	0.0
				77.00000	99.00000	68.24000	0.0	0.0	0.0
				78.00000	99.00000	68.24000	0.0	0.0	0.0
				79.00000	99.00000	68.24000	0.0	0.0	0.0
				80.00000	99.00000	68.24000	0.0	0.0	0.0
				81.00000	99.00000	68.24000	0.0	0.0	0.0
				82.00000	99.00000	68.24000	0.0	0.0	0.0
				83.00000	99.00000	68.24000	0.0	0.0	0.0
				84.00000	99.00000	68.24000	0.0	0.0	0.0
				85.00000	99.00000	68.24000	0.0	0.0	0.0
				86.00000	99.00000	68.24000	0.0	0.0	0.0
				87.00000	99.00000	68.24000	0.0	0.0	0.0
				88.00000	99.00000	68.24000	0.0	0.0	0.0
				89.00000	99.00000	68.24000	0.0	0.0	0.0
				90.00000	99.00000	68.24000	0.0	0.0	0.0
				91.00000	99.00000	68.24000	0.0	0.0	0.0
				92.00000	99.00000	68.24000	0.0	0.0	0.0
				93.00000	99.00000	68.24000	0.0	0.0	0.0
				94.00000	99.00000	68.24000	0.0	0.0	0.0
				95.00000	99.00000	68.24000	0.0	0.0	0.0
				96.00000	99.00000	68.24000	0.0	0.0	0.0
				97.00000	99.00000	68.24000	0.0	0.0	0.0
				98.00000	99.00000	68.24000	0.0	0.0	0.0
				99.00000	99.00000	68.24000	0.0	0.0	0.0
				100.00000	99.00000	68.24000	0.0	0.0	0.0
				0.00000	100.00000	68.24000	0.0	0.0	0.0
				1.00000	100.00000	68.24000	0.0	0.0	0.0
				2.00000	100.00000	68.24000	0.0	0.0	0.0
				3.00000	100.00000	68.24000	0.0	0.0	0.0
				4.00000	100.00000	68.24000	0.0	0.0	0.0
				5.00000	100.00000	68.24000	0.0	0.0	0.0
				6.00000	100.00000	68.24000	0.0	0.0	0.0
				7.00000	100.00000	68.24000	0.0	0.0	0.0
				8.00000	100.00000	68.24000	0.0	0.0	0.0
				9.00000	100.00000	68.24000	0.0	0.0	0.0
				10.00000	100.00000	68.24000	0.0	0.0	0.0
				11.00000	100.00000	68.24000	0.0	0.0	0.0
				12.00000	100.00000	68.24000	0.0	0.0	0.0
				13.00000	100.00000	68.24000	0.0	0.0	0.0
				14.00000	100.00000	68.24000	0.0	0.0	0.0
				15.00000	100.00000	68.24000	0.0	0.0	0.0
				16.00000	100.00000	68.24000	0.0	0.0	0.0



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Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				17.00000	100.00000	68.24000	0.0	0.0	0.0
				18.00000	100.00000	68.24000	0.0	0.0	0.0
				19.00000	100.00000	68.24000	0.0	0.0	0.0
				20.00000	100.00000	68.24000	0.0	0.0	0.0
				21.00000	100.00000	68.24000	0.0	0.0	0.0
				22.00000	100.00000	68.24000	0.0	0.0	0.0
				23.00000	100.00000	68.24000	0.0	0.0	0.0
				24.00000	100.00000	68.24000	0.0	0.0	0.0
				25.00000	100.00000	68.24000	0.0	0.0	0.0
				26.00000	100.00000	68.24000	0.0	0.0	0.0
				27.00000	100.00000	68.24000	0.0	0.0	0.0
				28.00000	100.00000	68.24000	0.0	0.0	0.0
				29.00000	100.00000	68.24000	0.0	0.0	0.0
				30.00000	100.00000	68.24000	0.0	0.0	0.0
				31.00000	100.00000	68.24000	0.0	0.0	0.0
				32.00000	100.00000	68.24000	0.0	0.0	0.0
				33.00000	100.00000	68.24000	0.0	0.0	0.0
				34.00000	100.00000	68.24000	0.0	0.0	0.0
				35.00000	100.00000	68.24000	0.0	0.0	0.0
				36.00000	100.00000	68.24000	0.0	0.0	0.0
				37.00000	100.00000	68.24000	0.0	0.0	0.0
				38.00000	100.00000	68.24000	0.0	0.0	0.0
				39.00000	100.00000	68.24000	0.0	0.0	0.0
				40.00000	100.00000	68.24000	0.0	0.0	0.0
				41.00000	100.00000	68.24000	0.0	0.0	0.0
				42.00000	100.00000	68.24000	0.0	0.0	0.0
				43.00000	100.00000	68.24000	0.0	0.0	0.0
				44.00000	100.00000	68.24000	0.0	0.0	0.0
				45.00000	100.00000	68.24000	0.0	0.0	0.0
				46.00000	100.00000	68.24000	0.0	0.0	0.0
				47.00000	100.00000	68.24000	0.0	0.0	0.0
				48.00000	100.00000	68.24000	0.0	0.0	0.0
				49.00000	100.00000	68.24000	0.0	0.0	0.0
				50.00000	100.00000	68.24000	0.0	0.0	0.0
				51.00000	100.00000	68.24000	0.0	0.0	0.0
				52.00000	100.00000	68.24000	0.0	0.0	0.0
				53.00000	100.00000	68.24000	0.0	0.0	0.0
				54.00000	100.00000	68.24000	0.0	0.0	0.0
				55.00000	100.00000	68.24000	0.0	0.0	0.0
				56.00000	100.00000	68.24000	0.0	0.0	0.0
				57.00000	100.00000	68.24000	0.0	0.0	0.0
				58.00000	100.00000	68.24000	0.0	0.0	0.0
				59.00000	100.00000	68.24000	0.0	0.0	0.0
				60.00000	100.00000	68.24000	0.0	0.0	0.0
				61.00000	100.00000	68.24000	0.0	0.0	0.0
				62.00000	100.00000	68.24000	0.0	0.0	0.0
				63.00000	100.00000	68.24000	0.0	0.0	0.0
				64.00000	100.00000	68.24000	0.0	0.0	0.0
				65.00000	100.00000	68.24000	0.0	0.0	0.0
				66.00000	100.00000	68.24000	0.0	0.0	0.0
				67.00000	100.00000	68.24000	0.0	0.0	0.0
				68.00000	100.00000	68.24000	0.0	0.0	0.0
				69.00000	100.00000	68.24000	0.0	0.0	0.0
				70.00000	100.00000	68.24000	0.0	0.0	0.0
				71.00000	100.00000	68.24000	0.0	0.0	0.0
				72.00000	100.00000	68.24000	0.0	0.0	0.0
				73.00000	100.00000	68.24000	0.0	0.0	0.0
				74.00000	100.00000	68.24000	0.0	0.0	0.0
				75.00000	100.00000	68.24000	0.0	0.0	0.0
				76.00000	100.00000	68.24000	0.0	0.0	0.0
				77.00000	100.00000	68.24000	0.0	0.0	0.0
				78.00000	100.00000	68.24000	0.0	0.0	0.0
				79.00000	100.00000	68.24000	0.0	0.0	0.0
				80.00000	100.00000	68.24000	0.0	0.0	0.0
				81.00000	100.00000	68.24000	0.0	0.0	0.0
				82.00000	100.00000	68.24000	0.0	0.0	0.0
				83.00000	100.00000	68.24000	0.0	0.0	0.0
				84.00000	100.00000	68.24000	0.0	0.0	0.0
				85.00000	100.00000	68.24000	0.0	0.0	0.0
				86.00000	100.00000	68.24000	0.0	0.0	0.0
				87.00000	100.00000	68.24000	0.0	0.0	0.0
				88.00000	100.00000	68.24000	0.0	0.0	0.0
				89.00000	100.00000	68.24000	0.0	0.0	0.0
				90.00000	100.00000	68.24000	0.0	0.0	0.0
				91.00000	100.00000	68.24000	0.0	0.0	0.0
				92.00000	100.00000	68.24000	0.0	0.0	0.0
				93.00000	100.00000	68.24000	0.0	0.0	0.0

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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				94.00000	100.00000	68.24000	0.0	0.0	0.0
				95.00000	100.00000	68.24000	0.0	0.0	0.0
				96.00000	100.00000	68.24000	0.0	0.0	0.0
				97.00000	100.00000	68.24000	0.0	0.0	0.0
				98.00000	100.00000	68.24000	0.0	0.0	0.0
				99.00000	100.00000	68.24000	0.0	0.0	0.0
				100.00000	100.00000	68.24000	0.0	0.0	0.0

Specific Building Damage Results - Horizontal Displacements

Stage: Ref.	Stage: Name	Name	Specific Building: Ref.	Specific Building: Name	Building: Name	Sub-building Name	Dist.	x	y	z	δx
δy	$\delta H //$	$\delta H_{\text{perp.}}$					[m]	[m]	[m]	[m]	[mm]
[mm]	[mm]	[mm]									
0	Base Model	1		35 Downshire Hill	35DS - Wall 1		0.0	70.50000	49.40000	67.85000	0.0
0.0	0.0	0.0					0.98313	69.94444	50.21111	67.85000	0.0
0.0	0.0	0.0					1.9663	69.38889	51.02222	67.85000	-3.0968
-1.7158	0.33439	3.5246					2.9494	68.83333	51.83333	67.85000	-3.1544
-1.7477	0.34060	3.5901					3.9325	68.27778	52.64444	67.85000	-3.2119
-1.7796	0.34682	3.6555					4.9156	67.72222	53.45556	67.85000	-3.2694
-1.8114	0.35303	3.7210					5.8988	67.16667	54.26667	67.85000	-3.3270
-1.8433	0.35924	3.7865					6.8819	66.61111	55.07778	67.85000	-3.8993
-1.9679	0.57991	4.3291					7.8650	66.05556	55.88889	67.85000	-4.1056
-2.0265	0.64810	4.5324					8.8482	65.50000	56.70000	67.85000	-4.3119
-2.0852	0.71628	4.7358					0.0	65.60000	56.70000	67.85000	-4.2214
-2.0486	-4.6145	0.85025	2	35 Downshire Hill	35DS - Wall 2		0.84404	66.28000	57.20000	67.85000	-3.4230
-1.7109	-3.7713	0.64939					1.6881	66.96000	57.70000	67.85000	-2.6247
-1.3732	-2.9280	0.44853					2.5321	67.64000	58.20000	67.85000	-2.0113
-1.1144	-2.2806	0.29368					3.3762	68.32000	58.70000	67.85000	-1.7367
-0.96224	-1.9692	0.25359					4.2202	69.00000	59.20000	67.85000	-1.4621
-0.81010	-1.6579	0.21349					0.0	69.10000	59.20000	67.85000	-1.4334
-0.79420	-0.15478	-1.6314	3	35 Downshire Hill	35DS - Wall 3		0.98313	69.65556	58.38889	67.85000	-1.4030
-0.77733	-0.15149	-1.5968					1.9663	70.21111	57.57778	67.85000	-1.3725
-0.76045	-0.14820	-1.5621					2.9494	70.76667	56.76667	67.85000	-1.3421
-0.74358	-0.14491	-1.5274					3.9325	71.32222	55.95556	67.85000	-1.3116
-0.72670	-0.14162	-1.4928					4.9156	71.87778	55.14444	67.85000	-1.2811
-0.70982	-0.13834	-1.4581					5.8988	72.43333	54.33333	67.85000	-1.2507
-0.69295	-0.13505	-1.4234					6.8819	72.98889	53.52222	67.85000	-1.2202
-0.67607	-0.13176	-1.3888					7.8650	73.54444	52.71111	67.85000	-1.1898
-0.65920	-0.12847	-1.3541					8.8482	74.10000	51.90000	67.85000	0.0
0.0	0.0	0.0					0.0	74.00000	51.90000	67.85000	0.0
0.0	0.0	0.0	4	35 Downshire Hill	35DS - Wall 4		0.84404	73.32000	51.40000	67.85000	0.0
0.0	0.0	0.0					1.6881	72.64000	50.90000	67.85000	0.0
0.0	0.0	0.0					2.5321	71.96000	50.40000	67.85000	0.0



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Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx
δy	δH//	δHperp.	Ref.	Building:	Name	Name					
Ref.			Ref.								
0.0	0.0	0.0	0.0				3.3762	71.28000	49.90000	67.85000	0.0
0.0	0.0	0.0	0.0				4.2202	70.60000	49.40000	67.85000	0.0
0.0	0.0	0.0	5		14 Keats Grove	14KG - Wall 1	0.0	24.30000	44.40000	66.92500	0.0
0.0	0.0	0.0	0.0				0.92500	24.30000	45.32500	66.92500	0.0
0.0	0.0	0.0	0.0				1.8500	24.30000	46.25000	66.92500	0.0
0.0	0.0	0.0	0.0				2.7750	24.30000	47.17500	66.92500	0.0
0.0	0.0	0.0	0.0				3.7000	24.30000	48.10000	66.92500	0.0
0.0	0.0	0.0	0.0				4.6250	24.30000	49.02500	66.92500	0.0
0.0	0.0	0.0	0.0				5.5500	24.30000	49.95000	66.92500	0.0
0.0	0.0	0.0	0.0				6.4750	24.30000	50.87500	66.92500	0.0
0.0	0.0	0.0	0.0				7.4000	24.30000	51.80000	66.92500	0.0
0.0	0.0	0.0	6		14 Keats Grove	14KG - Wall 2	0.0	24.40000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				0.95000	25.35000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				1.9000	26.30000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				2.8500	27.25000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				3.8000	28.20000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				4.7500	29.15000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				5.7000	30.10000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				6.6500	31.05000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				7.6000	32.00000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				8.5500	32.95000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				9.5000	33.90000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				10.450	34.85000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				11.400	35.80000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				12.350	36.75000	51.80000	66.92500	0.0
0.0	0.0	0.0	0.0				13.300	37.70000	51.80000	66.92500	0.16071
0.029220	0.16071	0.029220	7		14 Keats Grove	14KG - Wall 3	0.0	37.80000	51.80000	66.92500	0.19701
0.035820	-0.035820	0.19701	0.0				0.92500	37.80000	50.87500	66.92500	0.13596
0.024720	-0.024720	0.13596	0.0				1.8500	37.80000	49.95000	66.92500	0.0
0.0	0.0	0.0	0.0				2.7750	37.80000	49.02500	66.92500	0.0
0.0	0.0	0.0	0.0				3.7000	37.80000	48.10000	66.92500	0.0
0.0	0.0	0.0	0.0				4.6250	37.80000	47.17500	66.92500	0.0
0.0	0.0	0.0	0.0				5.5500	37.80000	46.25000	66.92500	0.0
0.0	0.0	0.0	0.0				6.4750	37.80000	45.32500	66.92500	0.0
0.0	0.0	0.0	0.0				7.4000	37.80000	44.40000	66.92500	0.0
0.0	0.0	0.0	8		14 Keats Grove	14KG - Wall 4	0.0	37.70000	44.40000	66.92500	0.0
0.0	0.0	0.0	0.0				0.95000	36.75000	44.40000	66.92500	0.0
0.0	0.0	0.0	0.0				1.9000	35.80000	44.40000	66.92500	0.0
0.0	0.0	0.0	0.0								



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Stage: δy Ref.	Stage: δH // Ref.	Name Specific Building: δH_{perp} Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx
0.0	0.0	0.0			2.8500	34.85000	44.40000	66.92500	0.0
0.0	0.0	0.0			3.8000	33.90000	44.40000	66.92500	0.0
0.0	0.0	0.0			4.7500	32.95000	44.40000	66.92500	0.0
0.0	0.0	0.0			5.7000	32.00000	44.40000	66.92500	0.0
0.0	0.0	0.0			6.6500	31.05000	44.40000	66.92500	0.0
0.0	0.0	0.0			7.6000	30.10000	44.40000	66.92500	0.0
0.0	0.0	0.0			8.5500	29.15000	44.40000	66.92500	0.0
0.0	0.0	0.0			9.5000	28.20000	44.40000	66.92500	0.0
0.0	0.0	0.0			10.450	27.25000	44.40000	66.92500	0.0
0.0	0.0	0.0			11.400	26.30000	44.40000	66.92500	0.0
0.0	0.0	0.0			12.350	25.35000	44.40000	66.92500	0.0
0.0	0.0	0.0			13.300	24.40000	44.40000	66.92500	0.0
0.0	0.0	9	14 Keats Grove	14KG - Wall 5	0.0	27.30000	51.90000	66.92500	0.0
0.0	0.0	0.0			0.95000	27.30000	52.85000	66.92500	0.0
0.0	0.0	0.0			1.9000	27.30000	53.80000	66.92500	0.0
0.0	0.0	10	14 Keats Grove	14KG - Wall 6	0.0	27.30000	53.90000	66.92500	0.0
0.0	0.0	0.0			0.46000	27.76000	53.90000	66.92500	0.0
0.0	0.0	0.0			0.92000	28.22000	53.90000	66.92500	0.0
0.0	0.0	0.0			1.3800	28.68000	53.90000	66.92500	0.0
0.0	0.0	0.0			1.8400	29.14000	53.90000	66.92500	0.0
0.0	0.0	0.0			2.3000	29.60000	53.90000	66.92500	0.0
0.0	0.0	11	14 Keats Grove	14KG - Wall 7	0.0	29.60000	53.80000	66.92500	0.0
0.0	0.0	0.0			0.95000	29.60000	52.85000	66.92500	0.0
0.0	0.0	0.0			1.9000	29.60000	51.90000	66.92500	0.0
0.0	0.0	12	14 Keats Grove	14KG - Wall 8	0.0	37.90000	46.60000	66.92500	0.0
0.0	0.0	0.0			1.0167	38.91667	46.60000	66.92500	0.0
0.0	0.0	0.0			2.0333	39.93333	46.60000	66.92500	0.0
0.0	0.0	0.0			3.0500	40.95000	46.60000	66.92500	0.0
0.0	0.0	0.0			4.0667	41.96667	46.60000	66.92500	0.0
0.0	0.0	0.0			5.0833	42.98333	46.60000	66.92500	0.0
0.0	0.0	0.0			6.1000	44.00000	46.60000	66.92500	0.0
0.0	0.0	13	14 Keats Grove	14KG - Wall 9	0.0	44.00000	46.50000	66.92500	0.0
0.0	0.0	0.0			1.0000	44.00000	45.50000	66.92500	0.0
0.0	0.0	0.0			2.0000	44.00000	44.50000	66.92500	0.0
0.0	0.0	0.0			3.0000	44.00000	43.50000	66.92500	0.0
0.0	0.0	0.0			4.0000	44.00000	42.50000	66.92500	0.0
0.0	0.0	0.0			5.0000	44.00000	41.50000	66.92500	0.0
0.0	0.0	0.0			6.0000	44.00000	40.50000	66.92500	0.0
0.0	0.0	0.0			7.0000	44.00000	39.50000	66.92500	0.0



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Stage: δy	Stage: $\delta H //$	Name Specific $\delta H_{perp.}$	Specific Building:	Building: Name	Sub-building Name	Dist.	x	y	z	δx
0.0	0.0	Ref. 0.0								
		14	14 Keats Grove	14KG - Wall 10		0.0	44.00000	39.40000	66.92500	0.0
0.0	0.0	0.0				1.0429	42.95714	39.40000	66.92500	0.0
0.0	0.0	0.0				2.0857	41.91429	39.40000	66.92500	0.0
0.0	0.0	0.0				3.1286	40.87143	39.40000	66.92500	0.0
0.0	0.0	0.0				4.1714	39.82857	39.40000	66.92500	0.0
0.0	0.0	0.0				5.2143	38.78571	39.40000	66.92500	0.0
0.0	0.0	0.0				6.2571	37.74286	39.40000	66.92500	0.0
0.0	0.0	0.0				7.3000	36.70000	39.40000	66.92500	0.0
0.0	0.0	0.0				0.0	36.60000	39.40000	66.92500	0.0
0.0	0.0	0.0				0.9800	36.60000	40.38000	66.92500	0.0
0.0	0.0	0.0				1.9600	36.60000	41.36000	66.92500	0.0
0.0	0.0	0.0				2.9400	36.60000	42.34000	66.92500	0.0
0.0	0.0	0.0				3.9200	36.60000	43.32000	66.92500	0.0
0.0	0.0	0.0				4.9000	36.60000	44.30000	66.92500	0.0
0.0	0.0	0.0				0.0	63.70000	56.90000	67.85000	-1.4531
-0.26155	-0.47568	-1.3977	16	Garden Wall 1	Sub 16	1.0004	64.18500	56.02500	67.85000	-5.7491
-2.6863	-0.43763	-6.3306				2.0008	64.67000	55.15000	67.85000	-5.6300
-2.6648	-0.39869	-6.2160				3.0013	65.15500	54.27500	67.85000	-4.4147
-2.4460	-894.50E-6	-5.0470				4.0017	65.64000	53.40000	67.85000	-4.4146
-2.4459	-894.47E-6	-5.0469				5.0021	66.12500	52.52500	67.85000	-4.4145
-2.4459	-894.45E-6	-5.0468				6.0025	66.61000	51.65000	67.85000	-4.4144
-2.4458	-894.43E-6	-5.0467				7.0030	67.09500	50.77500	67.85000	-4.4143
-2.4458	-894.41E-6	-5.0465				8.0034	67.58000	49.90000	67.85000	-4.4142
-2.4457	-894.39E-6	-5.0464				9.0038	68.06500	49.02500	67.85000	-0.045666
-0.031615	0.0055127	-0.055267				10.004	68.55000	48.15000	67.85000	0.0
0.0	0.0	0.0				11.005	69.03500	47.27500	67.85000	0.0
0.0	0.0	0.0				12.005	69.52000	46.40000	67.85000	0.0
0.0	0.0	0.0				13.006	70.00500	45.52500	67.85000	0.0
0.0	0.0	0.0				14.006	70.49000	44.65000	67.85000	0.0
0.0	0.0	0.0				15.006	70.97500	43.77500	67.85000	0.0
0.0	0.0	0.0				16.007	71.46000	42.90000	67.85000	0.0
0.0	0.0	0.0				17.007	71.94500	42.02500	67.85000	0.0
0.0	0.0	0.0				18.008	72.43000	41.15000	67.85000	0.0
0.0	0.0	0.0				19.008	72.91500	40.27500	67.85000	0.0
0.0	0.0	0.0				20.008	73.40000	39.40000	67.85000	0.0
0.0	0.0	0.0				0.0	63.80000	57.00000	67.85000	-1.4102
-0.25384	-1.2805	0.64306	17	Garden Wall 2	Sub 17	1.0000	64.60000	57.60000	67.85000	-1.0804
-0.19447	-0.98101	0.49266				2.0000	65.40000	58.20000	67.85000	-0.75059
-0.13511	-0.68154	0.34227								

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Stage: δy	Stage: $\delta H//$	Name Specific Building: δH_{perp}	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx
Ref.	Ref.	Ref.							
-0.075740	-0.38206	0.19187			3.0000	66.20000	58.80000	67.85000	-0.42078
-0.016373	-0.082593	0.041478			4.0000	67.00000	59.40000	67.85000	-0.090961
0.0	0.0	0.0			5.0000	67.80000	60.00000	67.85000	0.0
0.0	0.0	0.0			6.0000	68.60000	60.60000	67.85000	0.0
0.0	0.0	0.0			7.0000	69.40000	61.20000	67.85000	0.0
0.0	0.0	0.0			8.0000	70.20000	61.80000	67.85000	0.0
0.0	0.0	0.0			9.0000	71.00000	62.40000	67.85000	0.0
0.0	0.0	0.0			10.0000	71.80000	63.00000	67.85000	0.0

Specific Building Damage Results - Vertical Displacements

Stage: δz	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z
Ref.		Ref.			[m]	[m]	[m]	[m]	[m]
0.0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	0.0	70.50000	49.40000	67.85000
2.0183						0.98313	69.94444	50.21111	67.85000
2.0517						1.9663	69.38889	51.02222	67.85000
2.0846						2.9494	68.83333	51.83333	67.85000
2.1171						3.9325	68.27778	52.64444	67.85000
2.1490						4.9156	67.72222	53.45556	67.85000
2.2480						5.8988	67.16667	54.26667	67.85000
2.3011						6.8819	66.61111	55.07778	67.85000
2.3637						7.8650	66.05556	55.88889	67.85000
2.3268						8.8482	65.50000	56.70000	67.85000
1.9834		2	35 Downshire Hill	35DS - Wall 2	0.0	0.0	65.60000	56.70000	67.85000
1.6334						0.84404	66.28000	57.20000	67.85000
1.2512						1.6881	66.96000	57.70000	67.85000
0.91170						2.5321	67.64000	58.20000	67.85000
0.60558						3.3762	68.32000	58.70000	67.85000
0.57689		3	35 Downshire Hill	35DS - Wall 3	0.0	0.0	69.10000	59.20000	67.85000
0.54724						4.2202	69.00000	59.20000	67.85000
0.51844						0.98313	69.65556	58.38889	67.85000
0.49050						1.9663	70.21111	57.57778	67.85000
0.46347						2.9494	70.76667	56.76667	67.85000
0.43734						3.9325	71.32222	55.95556	67.85000
0.41213						4.9156	71.87778	55.14444	67.85000
0.38787						5.8988	72.43333	54.33333	67.85000
0.36455						6.8819	72.98889	53.52222	67.85000
						7.8650	73.54444	52.71111	67.85000



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Stage:	Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset				
						8.8482	74.10000	51.90000	67.85000
0.0		4	35 Downshire Hill	35DS - Wall 4	0.0	0.0	74.00000	51.90000	67.85000
0.0						0.84404	73.32000	51.40000	67.85000
0.0						1.6881	72.64000	50.90000	67.85000
0.0						2.5321	71.96000	50.40000	67.85000
0.0						3.3762	71.28000	49.90000	67.85000
0.0						4.2202	70.60000	49.40000	67.85000
0.0		5	14 Keats Grove	14KG - Wall 1	0.0	0.0	24.30000	44.40000	66.92500
0.0						0.92500	24.30000	45.32500	66.92500
0.0						1.8500	24.30000	46.25000	66.92500
0.0						2.7750	24.30000	47.17500	66.92500
0.0						3.7000	24.30000	48.10000	66.92500
0.0						4.6250	24.30000	49.02500	66.92500
0.0						5.5500	24.30000	49.95000	66.92500
0.0						6.4750	24.30000	50.87500	66.92500
0.0						7.4000	24.30000	51.80000	66.92500
0.0		6	14 Keats Grove	14KG - Wall 2	0.0	0.0	24.40000	51.80000	66.92500
0.0						0.95000	25.35000	51.80000	66.92500
0.0						1.9000	26.30000	51.80000	66.92500
0.0						2.8500	27.25000	51.80000	66.92500
0.0						3.8000	28.20000	51.80000	66.92500
0.0						4.7500	29.15000	51.80000	66.92500
0.0						5.7000	30.10000	51.80000	66.92500
0.0						6.6500	31.05000	51.80000	66.92500
0.0						7.6000	32.00000	51.80000	66.92500
0.0						8.5500	32.95000	51.80000	66.92500
0.0						9.5000	33.90000	51.80000	66.92500
0.0						10.450	34.85000	51.80000	66.92500
0.0						11.400	35.80000	51.80000	66.92500
0.0						12.350	36.75000	51.80000	66.92500
0.0						13.300	37.70000	51.80000	66.92500
0.028972		7	14 Keats Grove	14KG - Wall 3	0.0	0.0	37.80000	51.80000	66.92500
0.033466						0.92500	37.80000	50.87500	66.92500
0.025656						1.8500	37.80000	49.95000	66.92500
0.0						2.7750	37.80000	49.02500	66.92500
0.0						3.7000	37.80000	48.10000	66.92500
0.0						4.6250	37.80000	47.17500	66.92500
0.0						5.5500	37.80000	46.25000	66.92500
0.0						6.4750	37.80000	45.32500	66.92500



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Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset			
0.0						7.4000	37.80000	44.40000
0.0						0.0	37.70000	44.40000
0.0		8	14 Keats Grove	14KG - Wall 4	0.0	0.0	37.70000	44.40000
0.0						0.95000	36.75000	44.40000
0.0						1.9000	35.80000	44.40000
0.0						2.8500	34.85000	44.40000
0.0						3.8000	33.90000	44.40000
0.0						4.7500	32.95000	44.40000
0.0						5.7000	32.00000	44.40000
0.0						6.6500	31.05000	44.40000
0.0						7.6000	30.10000	44.40000
0.0						8.5500	29.15000	44.40000
0.0						9.5000	28.20000	44.40000
0.0						10.450	27.25000	44.40000
0.0						11.400	26.30000	44.40000
0.0						12.350	25.35000	44.40000
0.0						13.300	24.40000	44.40000
0.0		9	14 Keats Grove	14KG - Wall 5	0.0	0.0	27.30000	51.90000
0.0						0.95000	27.30000	52.85000
0.0						1.9000	27.30000	53.80000
0.0		10	14 Keats Grove	14KG - Wall 6	0.0	0.0	27.30000	53.90000
0.0						0.46000	27.76000	53.90000
0.0						0.92000	28.22000	53.90000
0.0						1.3800	28.68000	53.90000
0.0						1.8400	29.14000	53.90000
0.0						2.3000	29.60000	53.90000
0.0		11	14 Keats Grove	14KG - Wall 7	0.0	0.0	29.60000	53.80000
0.0						0.95000	29.60000	52.85000
0.0						1.9000	29.60000	51.90000
0.0		12	14 Keats Grove	14KG - Wall 8	0.0	0.0	37.90000	46.60000
0.0						1.0167	38.91667	46.60000
0.0						2.0333	39.93333	46.60000
0.0						3.0500	40.95000	46.60000
0.0						4.0667	41.96667	46.60000
0.0						5.0833	42.98333	46.60000
0.0						6.1000	44.00000	46.60000
0.0		13	14 Keats Grove	14KG - Wall 9	0.0	0.0	44.00000	46.50000
0.0						1.0000	44.00000	45.50000
0.0						2.0000	44.00000	44.50000
0.0								



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building:	Name	Name	Offset					
	Ref.	Ref.								
0.0						3.0000	44.00000	43.50000	66.92500	
0.0						4.0000	44.00000	42.50000	66.92500	
0.0						5.0000	44.00000	41.50000	66.92500	
0.0						6.0000	44.00000	40.50000	66.92500	
0.0						7.0000	44.00000	39.50000	66.92500	
0.0		14	14 Keats Grove	14KG - Wall 10	0.0	0.0	44.00000	39.40000	66.92500	
0.0						1.0429	42.95714	39.40000	66.92500	
0.0						2.0857	41.91429	39.40000	66.92500	
0.0						3.1286	40.87143	39.40000	66.92500	
0.0						4.1714	39.82857	39.40000	66.92500	
0.0						5.2143	38.78571	39.40000	66.92500	
0.0						6.2571	37.74286	39.40000	66.92500	
0.0						7.3000	36.70000	39.40000	66.92500	
0.0		15	14 Keats Grove	14KG - Wall 11	0.0	0.0	36.60000	39.40000	66.92500	
0.0						0.98000	36.60000	40.38000	66.92500	
0.0						1.9600	36.60000	41.36000	66.92500	
0.0						2.9400	36.60000	42.34000	66.92500	
0.0						3.9200	36.60000	43.32000	66.92500	
0.0						4.9000	36.60000	44.30000	66.92500	
0.44608		16	Garden Wall 1	Sub 16	0.0	0.0	63.70000	56.90000	67.85000	
2.7743						1.0004	64.18500	56.02500	67.85000	
2.7013						2.0008	64.67000	55.15000	67.85000	
2.4129						3.0013	65.15500	54.27500	67.85000	
2.4129						4.0017	65.64000	53.40000	67.85000	
2.4130						5.0021	66.12500	52.52500	67.85000	
2.4130						6.0025	66.61000	51.65000	67.85000	
2.4130						7.0030	67.09500	50.77500	67.85000	
2.4131						8.0034	67.58000	49.90000	67.85000	
0.0						9.0038	68.06500	49.02500	67.85000	
0.0						10.004	68.55000	48.15000	67.85000	
0.0						11.005	69.03500	47.27500	67.85000	
0.0						12.005	69.52000	46.40000	67.85000	
0.0						13.006	70.00500	45.52500	67.85000	
0.0						14.006	70.49000	44.65000	67.85000	
0.0						15.006	70.97500	43.77500	67.85000	
0.0						16.007	71.46000	42.90000	67.85000	
0.0						17.007	71.94500	42.02500	67.85000	
0.0						18.008	72.43000	41.15000	67.85000	
0.0						19.008	72.91500	40.27500	67.85000	

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Stage:	Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset				
0.0						20.008	73.40000	39.40000	67.85000
0.0		17	Garden Wall 2	Sub 17	0.0	0.0	63.80000	57.00000	67.85000
0.41431						1.0000	64.60000	57.60000	67.85000
0.21954						2.0000	65.40000	58.20000	67.85000
0.10834						3.0000	66.20000	58.80000	67.85000
0.056924						4.0000	67.00000	59.40000	67.85000
0.018983						5.0000	67.80000	60.00000	67.85000
0.0						6.0000	68.60000	60.60000	67.85000
0.0						7.0000	69.40000	61.20000	67.85000
0.0						8.0000	70.20000	61.80000	67.85000
0.0						9.0000	71.00000	62.40000	67.85000
0.0						10.000	71.80000	63.00000	67.85000
0.0									

Specific Building Damage Results - Detail

Stage:	Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Offset	Segment	Start	Length
Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min	Damage Category		
Ref.	Building:	Name	Name	Name	from Line for	Vertical			
Ratio	Horizontal	Tensile	of	of Vertical	Radius of				
Strain	Strain	Horizontal	Displacement	Curvature					
Displacement	Curve								
Curve									
[%]	[%]	[%]			[m]	[m]		[m]	[m]
0	Base Model 1	35	Downshire Hill	35DS - Wall 1	0.0	1	1.9663	1.9941	
None	10.276E-6	631.89E-6	638.90E-6	-340.01E-6	-0.0020522	1948.1 0 (Negligible)			
None	0.0014294	0.0072170	0.0085120	-224.41E-6	-100.68E-6	44119. 0 (Negligible)	3.9604	2.7766	
None	449.19E-6	0.0086883	0.0088921	-224.41E-6	-100.68E-6	222140. 0 (Negligible)	6.7369	1.2827	
None	0.0	0.0069355	0.0069354	-69.350E-6	-63.675E-6	41463. 0 (Negligible)	8.0197	0.82834	
None	414.47E-6	0.097343	0.097614	-998.08E-6	452.49E-6	54449. 2 (Slight)	0.0	1.8979	
None	0.0014146	0.047764	0.048868	-766.51E-6	452.49E-6	19995. 0 (Negligible)	1.8979	2.3221	
None	67.917E-6	334.53E-6	431.69E-6	-3.3453E-6	30.162E-6	1.0328E+6 0 (Negligible)	0.0	5.9095	
None	23.964E-6	334.53E-6	350.58E-6	-130.66E-6	370.75E-6	3780.7 0 (Negligible)	5.9095	1.9555	
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			
						0.0 All vertical displacements are less than the limit sensitivity.			



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Stage: Name	Specific Building:	Specific Building:	Sub-building	Vertical Offset	Segment	Start	Length
Curvature Ref.	Deflection Building:	Average Building:	Max Name	Max Gradient of	Max Gradient of	Min Radius	Damage Category
Ratio	Horizontal	Tensile	of	of Vertical	Radius of	from Line for	
	13	14 Keats Grove	14 Keats Grove	14KG - Wall 9		0.0	All vertical displacements are less than the limit sensitivity.
	14	14 Keats Grove	14 Keats Grove	14KG - Wall 10		0.0	All vertical displacements are less than the limit sensitivity.
	15	14 Keats Grove	14 Keats Grove	14KG - Wall 11		0.0	All vertical displacements are less than the limit sensitivity.
Sagging	0.056270	0.014784	0.085501	-397.47E-6	-0.0023272	339.55 2	(Slight)
None	0.0015859	0.0023283	0.0039635	-397.47E-6	288.17E-6	11088. 0	(Negligible)
None	676.32E-12	2.2249E-9	35.763E-9	-6.4043E-6	0.0024120	1659.0 0	(Negligible)
None	0.0020676	0.029947	0.031984	-299.38E-6	194.71E-6	11177. 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: Name	Specific Building:	Specific Building:	Sub-building	Vertical	Deflection	Average	Max Slope
Max Ref.	Max Building:	Max Gradient of	Max Gradient of	Min Radius	Min Radius	Damage Category	
Settlement Ref.	Tensile Building:	Horizontal Ref.	Vertical Name	of	of	Ratio	Horizontal
	1	35 Downshire Hill	35DS - Wall 1	0.0	0.0014294	0.0086883	-0.0020522
2.3637	0.0088921	-340.01E-6	-0.0020522	-	0 (Negligible)		
2.3268	0.097614	-998.08E-6	452.49E-6	- 2	(Slight)	0.097343	452.49E-6
0.57689	431.69E-6	-130.66E-6	370.75E-6	-	0 (Negligible)	334.53E-6	370.75E-6
2.7731	0.085501	-397.47E-6	0.0024120	-	339.55 2	(Slight)	
0.41431	0.031984	-299.38E-6	194.71E-6	-	0 (Negligible)	0.029947	194.71E-6

Specific Building Damage Results - Critical Segments within Each Building

Stage: Name	Specific Building:	Specific Building:	Sub-building	Parameter	Critical	Critical
Start Ref.	End Building:	Curvature Max	Max Slope	Min	Min	Damage Category
Settlement Ref.	Tensile Building:	Radius of	Radius of			Sub-Building
0	Base Model	0	35 Downshire Hill	Max Slope		35DS - Wall 1
1.9663	3.9604	None	0.0020522	2.0855	638.90E-6	- 0 (Negligible)
8.0197	8.8480	None	63.675E-6	2.3637	0.0069354	- 0 (Negligible)
0.0	1.8979	None	452.49E-6	2.3268	0.097614	- 2 (Slight)
-	-	-	-	-	-	-
-	-	-	-	-	-	-
0			14 Keats Grove			
5.0021	8.0034	None	0.0024120	2.4131	35.763E-9	- 0 (Negligible)

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Stage	Stage	Name	Specific	Specific	Building:	Parameter	Critical	Critical		
Start	End	Curvature	Max Slope	Max	Max	Min	Min	Damage Category		
Ref.	Building:	Radius of	Radius of					Sub-Building		
Settlement	Tensile	Radius of	Radius of					Segment		
0.0	2.8768	Sagging	0.0023272	2.7731	0.085501	-	339.55	2 (Slight)	Sub 16	1
					Max Tensile Strain					
0.0	2.8768	Sagging	0.0023272	2.7731	0.085501	-	339.55	2 (Slight)		
					Min Radius of Curvature (Hogging)					-
					Min Radius of Curvature (Sagging)				Sub 16	1
0.0	2.8768	Sagging	0.0023272	2.7731	0.085501	-	339.55	2 (Slight)		
					Max Slope				Sub 17	1
0.0	2.0000	None	194.71E-6	0.41431	0.031984	-	-	0 (Negligible)		
					Max Settlement				Sub 17	1
0.0	2.0000	None	194.71E-6	0.41431	0.031984	-	-	0 (Negligible)		
					Max Tensile Strain				Sub 17	1
0.0	2.0000	None	194.71E-6	0.41431	0.031984	-	-	0 (Negligible)		
					Min Radius of Curvature (Hogging)					-
					Min Radius of Curvature (Sagging)					-

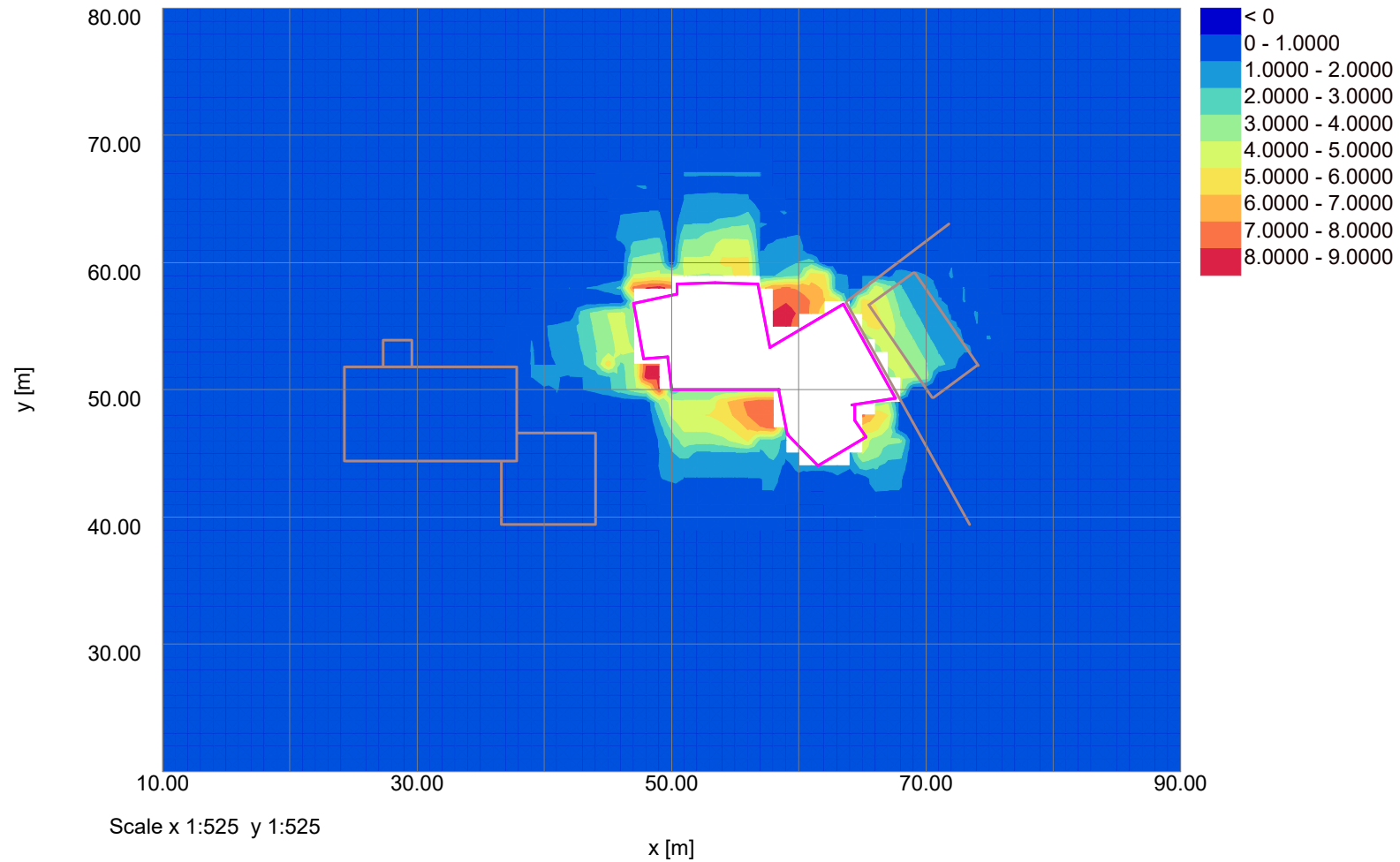
Specific Building Damage Results - All Combined Segments

Stage	Stage	Name	Specific	Specific	Building:	Sub-building	Vertical	Combined	Start	Length
Curvature	Deflection	Average	Max	Damage	Category		Offset from	Segment		
Ref.	Building:	Ref.	Name	Name			Line for			
Ratio	Horizontal	Tensile					Vertical			
Strain	Strain						Movement			
							Calculations			
							[m]		[m]	[m]
0	Base Model	1	35 Downshire Hill	35DS - Wall 1			0.0	No combined segments for this		
		2	35 Downshire Hill	35DS - Wall 2			0.0	1	0.0	4.2200 None
0.0010066	0.070062	0.071289	1 (Very Slight)	35DS - Wall 3			0.0	No combined segments for this		
				35DS - Wall 4			0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 1		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 2		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 3		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 4		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 5		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 6		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 7		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 8		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 9		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 10		0.0	No combined segments for this		
				14 Keats Grove	14KG - Wall 11		0.0	No combined segments for this		
0.025816	0.0059323	0.042375	0 (Negligible)	Garden Wall 1	Sub 16		0.0	1	0.0	8.0034 None
				Garden Wall 2	Sub 17		0.0	No combined segments for this		

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

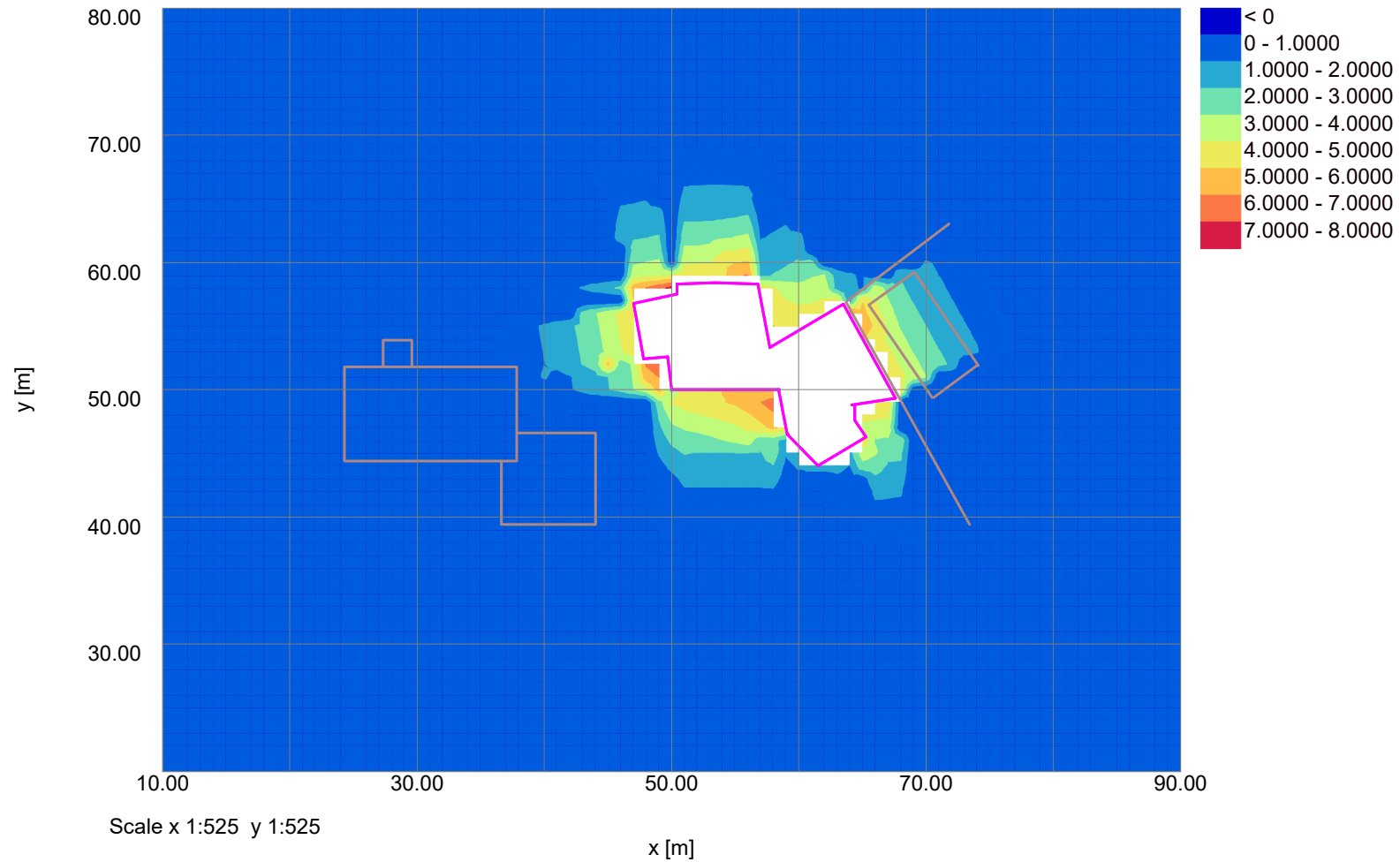
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Vertical Settlement Contours: Grid 1 (level 68.240m) (Interval 1mm)



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Horizontal Displacement Contours: Grid 1 (level 68.240m) Interval 1mm



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Titles

Job No.:
Job Title:
Sub-title:
Calculation Heading:
Initials:
Checker:
Date Saved: 30-Sep-2024
Date Checked:
Notes:
File Name: XDisp1 - Complete Construction - 5 mm Movements.xdd
File Path: G:\PROJECTS\2023\J23301 - 14a Keats Grove\GMA Rev 2

History

Date	Time	By	Notes
23-Nov-2023	13:28	Alex Taylor	New
23-Nov-2023	15:48	Alex Taylor	
23-Nov-2023	20:44	Alex Taylor	
02-May-2024	14:23	Alex Taylor	
30-Sep-2024	12:55	Alex Taylor	
30-Sep-2024	16:26	Alex Taylor	Open

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
imported									
displacements									
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]	tunnels
1	35 Downshire Hill - Wall 1	70.50000	49.40000	67.85000	65.50000	56.70000	67.85000	9	Surface Yes
Yes									
2	35 Downshire Hill - Wall 2	65.60000	56.70000	67.85000	69.00000	59.20000	67.85000	5	Surface Yes
Yes									
3	35 Downshire Hill - Wall 3	69.10000	59.20000	67.85000	74.10000	51.90000	67.85000	9	Surface Yes
Yes									
4	35 Downshire Hill - Wall 4	74.00000	51.90000	67.85000	70.60000	49.40000	67.85000	5	Surface Yes
Yes									
5	14 Keats Grove - Wall 1	24.30000	44.40000	66.92500	24.30000	51.80000	66.92500	8	Surface Yes
Yes									
6	14 Keats Grove - Wall 2	24.40000	51.80000	66.92500	37.70000	51.80000	66.92500	14	Surface Yes
Yes									
7	14 Keats Grove - Wall 3	37.80000	51.80000	66.92500	37.80000	44.40000	66.92500	8	Surface Yes
Yes									
8	14 Keats Grove - Wall 4	37.70000	44.40000	66.92500	24.40000	44.40000	66.92500	14	Surface Yes
Yes									
9	14 Keats Grove - Wall 5	27.30000	51.90000	66.92500	27.30000	53.80000	66.92500	2	Surface Yes
Yes									
10	14 Keats Grove - Wall 6	27.30000	53.90000	66.92500	29.60000	53.90000	66.92500	5	Surface Yes
Yes									
11	14 Keats Grove - Wall 7	29.60000	53.80000	66.92500	29.60000	51.90000	66.92500	2	Surface Yes
Yes									
12	14 Keats Grove - Wall 8	37.90000	46.60000	66.92500	44.00000	46.60000	66.92500	6	Surface Yes
Yes									
13	14 Keats Grove - Wall 9	44.00000	46.50000	66.92500	44.00000	39.50000	66.92500	7	Surface Yes
Yes									
14	14 Keats Grove - Wall 10	44.00000	39.40000	66.92500	36.70000	39.40000	66.92500	7	Surface Yes
Yes									
15	14 Keats Grove - Wall 11	36.60000	39.40000	66.92500	36.60000	44.30000	66.92500	5	Surface Yes
Yes									
16	Garden Wall 1	63.70000	56.90000	67.85000	73.40000	39.40000	67.85000	20	Surface Yes
Yes									
17	Garden Wall 2	63.80000	57.00000	67.85000	71.80000	63.00000	67.85000	10	Surface Yes
Yes									

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Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
imported									

Displacement Grids

Ref.	Name	Extrusion:	Base	Base	Base	Base	Base	Base	Base	Extrusion:	Extrusion:
Surface	Calculate	Direction	line	line	line	line	end: Y	line	line:	Distance	Intervals
type			start:	start:	start:	end:		end:	Intervals		
for			X	Y	Z (level)	X		Z (level)			
tunnels			[m]	[m]	[m]	[m]		[m]	[No.]	[m]	[No.]
1	Grid 1	Global X	0.00000	0.00000	68.24000	-	100.00000	68.24000	100	100.00000	100
Surface Yes											

Polygonal Excavations

Ref.	1
Excavation Name:	Basement Excavation
Surface level [m]:	67.340
Contribution:	Positive
Surface movement curves which are selected are applied between surface and [m]:	64.720

Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side:	Prev. Side:	Prev. Side:	Next Side:	Next Side:	Next Side:
	[m]	[m]	[m]			d	p1	p2*	d	p1	p2*
						[m]	[%]	[%]	[m]	[%]	[%]
1	50.000	50.000	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	49.700	52.600	64.720	No	No	-	-	-	-	-	-
3	47.800	52.400	64.720	No	No	-	-	-	-	-	-
4	47.000	56.800	64.720	No	No	-	-	-	-	-	-
5	50.400	57.500	64.720	No	No	-	-	-	-	-	-
6	50.400	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
7	53.400	58.400	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
8	56.800	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
9	57.700	53.300	64.720	No	No	-	-	-	-	-	-
10	63.500	56.700	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
11	67.600	49.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
12	64.200	48.800	64.720	No	No	-	-	-	-	-	-
13	64.400	48.800	66.370	No	No	-	-	-	-	-	-
14	64.400	47.600	66.370	No	No	-	-	-	-	-	-
15	65.300	46.300	66.370	No	No	-	-	-	-	-	-
16	61.500	44.000	66.370	No	No	-	-	-	-	-	-
17	59.100	46.500	66.370	No	No	-	-	-	-	-	-
18	59.100	46.500	65.030	No	No	-	-	-	-	-	-
19	58.400	50.000	65.030	No	No	-	-	-	-	-	-
20	58.400	50.000	64.720	No	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	50.000	50.000	49.700	52.600	5 mm Movement Curve	5mm Movement Curve
2	49.700	52.600	47.800	52.400	5 mm Movement Curve	5mm Movement Curve
3	47.800	52.400	47.000	56.800	5 mm Movement Curve	5mm Movement Curve
4	47.000	56.800	50.400	57.500	5 mm Movement Curve	5mm Movement Curve
5	50.400	57.500	50.400	58.300	5 mm Movement Curve	5mm Movement Curve
6	50.400	58.300	53.400	58.400	5 mm Movement Curve	5mm Movement Curve
7	53.400	58.400	56.800	58.300	5 mm Movement Curve	5mm Movement Curve
8	56.800	58.300	57.700	53.300	5 mm Movement Curve	5mm Movement Curve
9	57.700	53.300	63.500	56.700	5 mm Movement Curve	5mm Movement Curve
10	63.500	56.700	67.600	49.300	5 mm Movement Curve	5mm Movement Curve
11	67.600	49.300	64.200	48.800	5 mm Movement Curve	5mm Movement Curve
12	64.200	48.800	64.400	48.800	No vertical ground movement	No horizontal ground movement
13	64.400	48.800	64.400	47.600	5 mm Movement Curve	5mm Movement Curve
14	64.400	47.600	65.300	46.300	5 mm Movement Curve	5mm Movement Curve
15	65.300	46.300	61.500	44.000	5 mm Movement Curve	5mm Movement Curve
16	61.500	44.000	59.100	46.500	5 mm Movement Curve	5mm Movement Curve
17	59.100	46.500	59.100	46.500	No vertical ground movement	No horizontal ground movement
18	59.100	46.500	58.400	50.000	5 mm Movement Curve	5mm Movement Curve

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
19	58.400	50.000	58.400	50.000	No vertical ground movement	No horizontal ground movement
20	58.400	50.000	50.000	50.000	5 mm Movement Curve	5mm Movement Curve

Ref. 2
Excavation Name: Retaining Wall Installation
 Surface level [m]: 67.340
 Contribution: Positive
 Surface movement curves which are selected are applied between surface and [m]: 64.720

Corner	x [m]	y [m]	Base Level [m]	Arc Enabled	Stiffened	Prev. Side: d [m]	Prev. Side: p1 [%]	Prev. Side: p2* [%]	Next Side: d [m]	Next Side: p1 [%]	Next Side: p2* [%]
1	50.000	50.000	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	49.700	52.600	64.720	No	No	-	-	-	-	-	-
3	47.800	52.400	64.720	No	No	-	-	-	-	-	-
4	47.000	56.800	64.720	No	No	-	-	-	-	-	-
5	50.400	57.500	64.720	No	No	-	-	-	-	-	-
6	50.400	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
7	53.400	58.400	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
8	56.800	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
9	57.700	53.300	64.720	No	No	-	-	-	-	-	-
10	63.500	56.700	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
11	67.600	49.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
12	64.200	48.800	64.720	No	No	-	-	-	-	-	-
13	64.400	48.800	66.370	No	No	-	-	-	-	-	-
14	64.400	47.600	66.370	No	No	-	-	-	-	-	-
15	65.300	46.300	66.370	No	No	-	-	-	-	-	-
16	61.500	44.000	66.370	No	No	-	-	-	-	-	-
17	59.100	46.500	66.370	No	No	-	-	-	-	-	-
18	59.100	46.500	65.030	No	No	-	-	-	-	-	-
19	58.400	50.000	65.030	No	No	-	-	-	-	-	-
20	58.400	50.000	64.720	No	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	50.000	50.000	49.700	52.600	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
2	49.700	52.600	47.800	52.400	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
3	47.800	52.400	47.000	56.800	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
4	47.000	56.800	50.400	57.500	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
5	50.400	57.500	50.400	58.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
6	50.400	58.300	53.400	58.400	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
7	53.400	58.400	56.800	58.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
8	56.800	58.300	57.700	53.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
9	57.700	53.300	63.500	56.700	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
10	63.500	56.700	67.600	49.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
11	67.600	49.300	64.200	48.800	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
12	64.200	48.800	64.400	48.800	No vertical ground movement	No horizontal ground movement
13	64.400	48.800	64.400	47.600	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
14	64.400	47.600	65.300	46.300	6.9(b)) Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	6.9(a)) Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
15	65.300	46.300	61.500	44.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
16	61.500	44.000	59.100	46.500	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
17	59.100	46.500	59.100	46.500	No vertical ground movement	No horizontal ground movement
18	59.100	46.500	58.400	50.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
19	58.400	50.000	58.400	50.000	No vertical ground movement	No horizontal ground movement
20	58.400	50.000	50.000	50.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))

Circular Excavations

Vertical Ground Movement Curves

Curve Name: No vertical ground movement
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = 0.0x + 0.0
Coeff. of Determination:

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.050] [0.050,0.000,0.047] [0.100,0.000,0.043] [0.150,0.000,0.040] [0.200,0.000,0.037] [0.250,0.000,0.034] [0.300,0.000,0.031] [0.350,0.000,0.028] [0.400,0.000,0.025] [0.450,0.000,0.022] [0.500,0.000,0.020] [0.550,0.000,0.018] [0.600,0.000,0.015] [0.650,0.000,0.013] [0.700,0.000,0.012] [0.750,0.000,0.010] [0.800,0.000,0.008] [0.850,0.000,0.007] [0.900,0.000,0.006] [0.950,0.000,0.005] [1.000,0.000,0.004] [1.050,0.000,0.003] [1.100,0.000,0.003] [1.150,0.000,0.002] [1.200,0.000,0.002] [1.250,0.000,0.001] [1.300,0.000,0.001] [1.350,0.000,0.001] [1.400,0.000,0.001] [1.450,0.000,0.000] [1.500,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = -1.2355E-2x⁴ + 3.4814E-2x³ - 2.8885E-3x² - 6.5618E-2x + 4.9987E-2
Coeff. of Determination: 1.0000

Curve Name: 5 mm Movement Curve
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.075] [0.100,0.000,0.095] [0.200,0.000,0.109] [0.300,0.000,0.121] [0.400,0.000,0.131] [0.500,0.000,0.136] [0.600,0.000,0.141] [0.700,0.000,0.142] [0.800,0.000,0.142] [0.900,0.000,0.141] [1.000,0.000,0.136] [1.100,0.000,0.132] [1.200,0.000,0.126] [1.300,0.000,0.119] [1.400,0.000,0.113] [1.500,0.000,0.104] [1.600,0.000,0.098] [1.700,0.000,0.089] [1.800,0.000,0.082] [1.900,0.000,0.074] [2.000,0.000,0.067] [2.100,0.000,0.059] [2.200,0.000,0.053] [2.300,0.000,0.045] [2.400,0.000,0.039] [2.500,0.000,0.033] [2.600,0.000,0.027] [2.700,0.000,0.023] [2.800,0.000,0.020] [2.900,0.000,0.016] [3.000,0.000,0.013] [3.100,0.000,0.010] [3.200,0.000,0.008] [3.300,0.000,0.008] [3.400,0.000,0.006] [3.500,0.000,0.005] [3.600,0.000,0.005] [3.700,0.000,0.005] [3.800,0.000,0.018] [3.900,0.000,0.018] [4.000,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 4

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y Order: 0
 Polynomial: $z = -1.0706E-2x^4 + 9.7701E-2x^3 - 2.9218E-1x^2 + 2.7669E-1x + 6.5796E-2$
 Coeff. of Determination: 9.1335E-1

Horizontal Ground Movement Curves

Curve Name: No horizontal ground movement
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.000][1.000,0.000,0.000][0.000,1.000,0.000][1.000,1.000,0.000]
Curve Fitting Method: Polynomial
x Order: 0
y Order: 0
 Polynomial: $z = 0.0$
 Coeff. of Determination: 0.0

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.050][1.500,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
 Polynomial: $z = -3.33E-2x + 5.00E-2$
 Coeff. of Determination: 1.00

Curve Name: 5mm Movement Curve
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]
 [0.000,0.000,0.142][4.000,0.000,0.000]
Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
 Polynomial: $z = -3.55E-2x + 1.42E-1$
 Coeff. of Determination: 1.00

Damage Category Strains

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

Specific Buildings - Geometry

Ref.	Building Name	Sub-Building	Displacement	Line	Distance	Distance	Vertical	Limit
		Name	Ratio		Line:	Line:	Line for	
					Start	End	Vertical	
							Movement	
Sensitivity								Calculations
					[m]	[m]	[m]	[mm]
1	35 Downshire Hill	35DS - Wall 1	35	Downshire Hill - Wall 1	0.00000	8.84800	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
2	35 Downshire Hill	35DS - Wall 2	35	Downshire Hill - Wall 2	0.00000	4.22000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
3	35 Downshire Hill	35DS - Wall 3	35	Downshire Hill - Wall 3	0.00000	8.84800	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
4	35 Downshire Hill	35DS - Wall 4	35	Downshire Hill - Wall 4	0.00000	4.22000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
5	14 Keats Grove	14KG - Wall 1	14	Keats Grove - Wall 1	0.00000	7.39900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
6	14 Keats Grove	14KG - Wall 2	14	Keats Grove - Wall 2	0.00000	13.30000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
7	14 Keats Grove	14KG - Wall 3	14	Keats Grove - Wall 3	0.00000	7.39900	0.0	

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Ref.	Building Name	Sub-Building	Displacement	Line	Distance	Distance	Vertical
Vertical	Damage Category	Poisson's	E/G		Along	Along	Offsets from
	Name	Ratio					
0.10000	Burland Strain Limits	0.20000	2.6000				
8 14	Keats Grove	14KG - Wall 4	14 Keats Grove - Wall 4		0.00000	13.30000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
9 14	Keats Grove	14KG - Wall 5	14 Keats Grove - Wall 5		0.00000	1.89900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
10 14	Keats Grove	14KG - Wall 6	14 Keats Grove - Wall 6		0.00000	2.30000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
11 14	Keats Grove	14KG - Wall 7	14 Keats Grove - Wall 7		0.00000	1.89900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
12 14	Keats Grove	14KG - Wall 8	14 Keats Grove - Wall 8		0.00000	6.10000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
13 14	Keats Grove	14KG - Wall 9	14 Keats Grove - Wall 9		0.00000	7.00000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
14 14	Keats Grove	14KG - Wall 10	14 Keats Grove - Wall 10		0.00000	7.29900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
15 14	Keats Grove	14KG - Wall 11	14 Keats Grove - Wall 11		0.00000	4.89900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
16	Garden Wall 1	Sub 16	Garden Wall 1		0.00000	20.00800	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
17	Garden Wall 2	Sub 17	Garden Wall 2		0.00000	10.00000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				

Specific Buildings - Bending Parameters

Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:
Sagging:		Name			2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of
Dist. of					of Area	Bending	N.A. from	of Area	Bending
N.A. from					(per unit	Strain	Edge of	(per unit	Strain
Edge of					width)	from N.A.	Beam in	width)	from N.A.
Beam in							Tension		
Tension									
[m]			[m]		[m³]	[m]	[m]	[m³]	[m]
1 35	Downshire Hill	35DS - Wall 1	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
2 35	Downshire Hill	35DS - Wall 2	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
3 35	Downshire Hill	35DS - Wall 3	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
4 35	Downshire Hill	35DS - Wall 4	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
5 14	Keats Grove	14KG - Wall 1	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
6 14	Keats Grove	14KG - Wall 2	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
7 14	Keats Grove	14KG - Wall 3	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
8 14	Keats Grove	14KG - Wall 4	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
9 14	Keats Grove	14KG - Wall 5	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
10 14	Keats Grove	14KG - Wall 6	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
11 14	Keats Grove	14KG - Wall 7	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500									
12 14	Keats Grove	14KG - Wall 8	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
13 14	Keats Grove	14KG - Wall 9	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
14 14	Keats Grove	14KG - Wall 10	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
15 14	Keats Grove	14KG - Wall 11	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000									
16	Garden Wall 1	Sub 16	2.5000	Yes	5.2083	2.5000	2.5000	1.3021	1.2500
1.2500									
17	Garden Wall 2	Sub 17	2.5000	Yes	5.2083	2.5000	2.5000	1.3021	1.2500
1.2500									

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

Name 2nd Mom. Dist. of Dist. of 2nd Mom. Dist. of

Specific Buildings - Segment Combinations

Stage: Combined Segment Ref.	Stage: Name Ref.	Building: Name	Sub-Building Name	Vertical Offset from Line for Vertical Movement Calculations [m]	Segment Start [m]	Length [m]	Curvature [m]
0	Base Model 1	35 Downshire Hill	35DS - Wall 1	0.0	No combined segments for this stage, specific building and offset		
0	2	35 Downshire Hill	35DS - Wall 2	0.0	3	0.0	0.0 Hogging
0	3	35 Downshire Hill	35DS - Wall 3	0.0	No combined segments for this stage, specific building and offset		
0	4	35 Downshire Hill	35DS - Wall 4	0.0	No combined segments for this stage, specific building and offset		
0	5	14 Keats Grove	14KG - Wall 1	0.0	No combined segments for this stage, specific building and offset		
0	6	14 Keats Grove	14KG - Wall 2	0.0	No combined segments for this stage, specific building and offset		
0	7	14 Keats Grove	14KG - Wall 3	0.0	No combined segments for this stage, specific building and offset		
0	8	14 Keats Grove	14KG - Wall 4	0.0	No combined segments for this stage, specific building and offset		
0	9	14 Keats Grove	14KG - Wall 5	0.0	No combined segments for this stage, specific building and offset		
0	10	14 Keats Grove	14KG - Wall 6	0.0	No combined segments for this stage, specific building and offset		
0	11	14 Keats Grove	14KG - Wall 7	0.0	No combined segments for this stage, specific building and offset		
0	12	14 Keats Grove	14KG - Wall 8	0.0	No combined segments for this stage, specific building and offset		
0	13	14 Keats Grove	14KG - Wall 9	0.0	No combined segments for this stage, specific building and offset		
0	14	14 Keats Grove	14KG - Wall 10	0.0	No combined segments for this stage, specific building and offset		
0	15	14 Keats Grove	14KG - Wall 11	0.0	No combined segments for this stage, specific building and offset		
1	16	Garden Wall 1	Sub 16	0.0	18	0.0	0.0 None
1	17	Garden Wall 2	Sub 17	0.0	No combined segments for this stage, specific building and offset		

Warnings

- Multiple excavations have been specified. Displacements resulting from each excavation are summed with no account taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).
- The following polygonal excavations have one or more re-entrant corners: 1, 2. The use of re-entrant corners is permitted but not recommended. CIRIA C580/C760, on which XDisp's method for modelling ground movements behind walls of excavations is based, considers only movements for points lying at right angles behind single walls. It does not consider how movements should be calculated within the zone of influence of re-entrant corners, i.e. where movements would be influenced by two walls adjacent to the re-entrant corner. By default, XDisp will merely sum the effects from both walls, making no allowance for interaction or stiffening of the corner. Please refer to help manual for artificial smoothing options. Re-entrant corners should be used with caution. Results in their vicinity should be validated independently.
- If an embedded wall excavation is assigned a 'surface' ground movement curve and if the 'allow movement calculation to level' option is checked for the excavation then displacements induced by it are calculated for points at the surface, and points below the surface to the level specified. Others are ignored. An example of such a combination, for which displacements will not be calculated is Excavation XP1/Side 1/Grid 1/Vertical. This is an example only. There are 475 others.
- If an embedded wall excavation is assigned a 'sub-surface' ground movement curve then displacements induced by it can only be calculated for those points that are level with or below the embedded wall excavation's 'surface level'. Others are ignored. An example of such a combination, for which displacements will not be calculated is Excavation XP1/Side 12/Grid 1/Vertical. This is an example only. There are 83 others.

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Stage: Name	Building: Name	Sub-Building	Vertical Segment	Start Length	Curvature
Ref.	Ref.	Name	Offset from Line for		

Errors

None

Displacement Results - Displacement Lines

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
[mm]	[mm]	[mm]	[°]		[m]	[m]	[m]	[m]	[mm]	[mm]
0	Base Model 1	1	35	Downshire Hill - Wall 1	0.0	70.50000	49.40000	67.85000	0.0	0.0
0.0	0.0	0.0	124.41							
					0.98313	69.94444	50.21111	67.85000	0.0	0.0
0.0	0.0	0.0	124.41							
3.8559	0.31913	3.3637	124.41		1.9663	69.38889	51.02222	67.85000	-2.9555	-1.6375
3.9163	0.32516	3.4273	124.41		2.9494	68.83333	51.83333	67.85000	-3.0114	-1.6685
3.9733	0.33120	3.4910	124.41		3.9325	68.27778	52.64444	67.85000	-3.0673	-1.6994
4.0265	0.33724	3.5546	124.41		4.9156	67.72222	53.45556	67.85000	-3.1232	-1.7304
4.0755	0.34327	3.6182	124.41		5.8988	67.16667	54.26667	67.85000	-3.1791	-1.7614
5.1098	0.55234	4.1335	124.41		6.8819	66.61111	55.07778	67.85000	-3.7224	-1.8801
5.1675	0.61704	4.3276	124.41		7.8650	66.05556	55.88889	67.85000	-3.9191	-1.9364
5.1868	0.68174	4.5218	124.41		8.8482	65.50000	56.70000	67.85000	-4.1159	-1.9928
5.1604	-4.4053	0.80966	36.327	2 35 Downshire Hill - Wall 2	0.0	65.60000	56.70000	67.85000	-4.0288	-1.9574
4.6444	-3.5923	0.61761	36.327		0.84404	66.28000	57.20000	67.85000	-3.2600	-1.6305
3.7088	-2.7792	0.42556	36.327		1.6881	66.96000	57.70000	67.85000	-2.4912	-1.3035
2.2432	-2.1589	0.27802	36.327		2.5321	67.64000	58.20000	67.85000	-1.9040	-1.0549
1.6265	-1.8642	0.24006	36.327		3.3762	68.32000	58.70000	67.85000	-1.6441	-0.91092
1.1982	-1.5694	0.20211	36.327		4.2202	69.00000	59.20000	67.85000	-1.3842	-0.76689
1.1662	-0.14652	-1.5444	304.41	3 35 Downshire Hill - Wall 3	0.0	69.10000	59.20000	67.85000	-1.3570	-0.75185
1.1350	-0.14341	-1.5116	304.41		0.98313	69.65556	58.38889	67.85000	-1.3282	-0.73587
1.1064	-0.14030	-1.4788	304.41		1.9663	70.21111	57.57778	67.85000	-1.2993	-0.71989
1.0806	-0.13718	-1.4460	304.41		2.9494	70.76667	56.76667	67.85000	-1.2705	-0.70392
1.0575	-0.13407	-1.4131	304.41		3.9325	71.32222	55.95556	67.85000	-1.2417	-0.68794
1.0370	-0.13096	-1.3803	304.41		4.9156	71.87778	55.14444	67.85000	-1.2128	-0.67197
1.0190	-0.12784	-1.3475	304.41		5.8988	72.43333	54.33333	67.85000	-1.1840	-0.65599
1.0035	-0.12473	-1.3147	304.41		6.8819	72.98889	53.52222	67.85000	-1.1552	-0.64002
0.99043	-0.12162	-1.2819	304.41		7.8650	73.54444	52.71111	67.85000	-1.1263	-0.62404
0.0	0.0	0.0	304.41		8.8482	74.10000	51.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33	4 35 Downshire Hill - Wall 4	0.0	74.00000	51.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33		0.84404	73.32000	51.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33		1.6881	72.64000	50.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33		2.5321	71.96000	50.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33		3.3762	71.28000	49.90000	67.85000	0.0	0.0



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	216.33							
					4.2202	70.60000	49.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33							
		5		14 Keats Grove - Wall 1	0.0	24.30000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.92500	24.30000	45.32500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		1.8500	24.30000	46.25000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		2.7750	24.30000	47.17500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		3.7000	24.30000	48.10000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		4.6250	24.30000	49.02500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		5.5500	24.30000	49.95000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		6.4750	24.30000	50.87500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		7.4000	24.30000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
		6		14 Keats Grove - Wall 2	0.0	24.40000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		0.95000	25.35000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.9000	26.30000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		2.8500	27.25000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		3.8000	28.20000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		4.7500	29.15000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		5.7000	30.10000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		6.6500	31.05000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		7.6000	32.00000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		8.5500	32.95000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		9.5000	33.90000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		10.450	34.85000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		11.400	35.80000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		12.350	36.75000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		13.300	37.70000	51.80000	66.92500	0.15214	0.027661
0.64651	0.15214	0.027661	0.0							
		7		14 Keats Grove - Wall 3	0.0	37.80000	51.80000	66.92500	0.18650	0.033909
0.70998	-0.033909	0.18650	270.00		0.92500	37.80000	50.87500	66.92500	0.12871	0.023401
0.59849	-0.023401	0.12871	270.00		1.8500	37.80000	49.95000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		2.7750	37.80000	49.02500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		3.7000	37.80000	48.10000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		4.6250	37.80000	47.17500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		5.5500	37.80000	46.25000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		6.4750	37.80000	45.32500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		7.4000	37.80000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
		8		14 Keats Grove - Wall 4	0.0	37.70000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		0.95000	36.75000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		1.9000	35.80000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		2.8500	34.85000	44.40000	66.92500	0.0	0.0



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	180.00		3.8000	33.90000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		4.7500	32.95000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		5.7000	32.00000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		6.6500	31.05000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		7.6000	30.10000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		8.5500	29.15000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		9.5000	28.20000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		10.450	27.25000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		11.400	26.30000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		12.350	25.35000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		13.300	24.40000	44.40000	66.92500	0.0	0.0
0.0	0.0	9	14 Keats 90.000	Grove - Wall 5	0.0	27.30000	51.90000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.95000	27.30000	52.85000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		1.9000	27.30000	53.80000	66.92500	0.0	0.0
0.0	0.0	10	14 Keats 0.0	Grove - Wall 6	0.0	27.30000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		0.46000	27.76000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		0.92000	28.22000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.3800	28.68000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.8400	29.14000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		2.3000	29.60000	53.90000	66.92500	0.0	0.0
0.0	0.0	11	14 Keats 270.00	Grove - Wall 7	0.0	29.60000	53.80000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		0.95000	29.60000	52.85000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		1.9000	29.60000	51.90000	66.92500	0.0	0.0
0.0	0.0	12	14 Keats 0.0	Grove - Wall 8	0.0	37.90000	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.0167	38.91667	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		2.0333	39.93333	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		3.0500	40.95000	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		4.0667	41.96667	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		5.0833	42.98333	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		6.1000	44.00000	46.60000	66.92500	0.0	0.0
0.0	0.0	13	14 Keats 270.00	Grove - Wall 9	0.0	44.00000	46.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		1.0000	44.00000	45.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		2.0000	44.00000	44.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		3.0000	44.00000	43.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		4.0000	44.00000	42.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		5.0000	44.00000	41.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		6.0000	44.00000	40.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		7.0000	44.00000	39.50000	66.92500	0.0	0.0
0.0	0.0	14	14 Keats	Grove - Wall 10	0.0	44.00000	39.40000	66.92500	0.0	0.0



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	180.00		1.0429	42.95714	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		2.0857	41.91429	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		3.1286	40.87143	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		4.1714	39.82857	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		5.2143	38.78571	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		6.2571	37.74286	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		7.3000	36.70000	39.40000	66.92500	0.0	0.0
0.0	0.0	15	14	Keats Grove - Wall 11	0.0	36.60000	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.98000	36.60000	40.38000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		1.9600	36.60000	41.36000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		2.9400	36.60000	42.34000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		3.9200	36.60000	43.32000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		4.9000	36.60000	44.30000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.0	63.70000	56.90000	67.85000	-1.3756	-0.24760
1.0436	-0.45031	16	15	Garden Wall 1	0.0	63.70000	56.90000	67.85000	-1.3756	-0.24760
4.5171	-0.41430	-6.0580	299.00		1.0004	64.18500	56.02500	67.85000	-5.4993	-2.5745
4.4901	-0.37744	-5.9495	299.00		2.0008	64.67000	55.15000	67.85000	-5.3866	-2.5542
3.5287	-858.31E-6	-4.8429	299.00		3.0013	65.15500	54.27500	67.85000	-4.2362	-2.3471
3.5290	-858.29E-6	-4.8428	299.00		4.0017	65.64000	53.40000	67.85000	-4.2360	-2.3470
3.5293	-858.27E-6	-4.8427	299.00		5.0021	66.12500	52.52500	67.85000	-4.2359	-2.3469
3.5296	-858.25E-6	-4.8425	299.00		6.0025	66.61000	51.65000	67.85000	-4.2358	-2.3469
3.5298	-858.23E-6	-4.8424	299.00		7.0030	67.09500	50.77500	67.85000	-4.2357	-2.3468
3.5301	-858.21E-6	-4.8423	299.00		8.0034	67.58000	49.90000	67.85000	-4.2356	-2.3468
0.15295	0.0019570	-0.019620	299.00		9.0038	68.06500	49.02500	67.85000	-0.016211	-0.011223
0.0	0.0	0.0	299.00		10.004	68.55000	48.15000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		11.005	69.03500	47.27500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		12.005	69.52000	46.40000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		13.006	70.00500	45.52500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		14.006	70.49000	44.65000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		15.006	70.97500	43.77500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		16.007	71.46000	42.90000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		17.007	71.94500	42.02500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		18.008	72.43000	41.15000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		19.008	72.91500	40.27500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		20.008	73.40000	39.40000	67.85000	0.0	0.0
1.0205	-1.2122	17	16	Garden Wall 2	0.0	63.80000	57.00000	67.85000	-1.3350	-0.24030
0.95747	-0.92869	0.46639	36.870		1.0000	64.60000	57.60000	67.85000	-1.0228	-0.18410
1.0024	-0.64519	0.32401	36.870		2.0000	65.40000	58.20000	67.85000	-0.71056	-0.12790
0.94925	-0.36169	0.18164	36.870		3.0000	66.20000	58.80000	67.85000	-0.39833	-0.071700

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		Date

Stage: δz Ref.	Stage: $\delta H//$ Name	Disp. $\delta H_{\text{perp.}}$ Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.50064	-0.078188	0.039266	36.870		4.0000	67.00000	59.40000	67.85000	-0.086110	-0.015500
0.0	0.0	0.0	36.870		5.0000	67.80000	60.00000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		6.0000	68.60000	60.60000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		7.0000	69.40000	61.20000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		8.0000	70.20000	61.80000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		9.0000	71.00000	62.40000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		10.0000	71.80000	63.00000	67.85000	0.0	0.0

Displacement Results - Displacement Grids

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1	Grid 1	Grid 1	0.00000	0.00000	68.24000	0.0	0.0	0.0
				1.00000	0.00000	68.24000	0.0	0.0	0.0
				2.00000	0.00000	68.24000	0.0	0.0	0.0
				3.00000	0.00000	68.24000	0.0	0.0	0.0
				4.00000	0.00000	68.24000	0.0	0.0	0.0
				5.00000	0.00000	68.24000	0.0	0.0	0.0
				6.00000	0.00000	68.24000	0.0	0.0	0.0
				7.00000	0.00000	68.24000	0.0	0.0	0.0
				8.00000	0.00000	68.24000	0.0	0.0	0.0
				9.00000	0.00000	68.24000	0.0	0.0	0.0
				10.00000	0.00000	68.24000	0.0	0.0	0.0
				11.00000	0.00000	68.24000	0.0	0.0	0.0
				12.00000	0.00000	68.24000	0.0	0.0	0.0
				13.00000	0.00000	68.24000	0.0	0.0	0.0
				14.00000	0.00000	68.24000	0.0	0.0	0.0
				15.00000	0.00000	68.24000	0.0	0.0	0.0
				16.00000	0.00000	68.24000	0.0	0.0	0.0
				17.00000	0.00000	68.24000	0.0	0.0	0.0
				18.00000	0.00000	68.24000	0.0	0.0	0.0
				19.00000	0.00000	68.24000	0.0	0.0	0.0
				20.00000	0.00000	68.24000	0.0	0.0	0.0
				21.00000	0.00000	68.24000	0.0	0.0	0.0
				22.00000	0.00000	68.24000	0.0	0.0	0.0
				23.00000	0.00000	68.24000	0.0	0.0	0.0
				24.00000	0.00000	68.24000	0.0	0.0	0.0
				25.00000	0.00000	68.24000	0.0	0.0	0.0
				26.00000	0.00000	68.24000	0.0	0.0	0.0
				27.00000	0.00000	68.24000	0.0	0.0	0.0
				28.00000	0.00000	68.24000	0.0	0.0	0.0
				29.00000	0.00000	68.24000	0.0	0.0	0.0
				30.00000	0.00000	68.24000	0.0	0.0	0.0
				31.00000	0.00000	68.24000	0.0	0.0	0.0
				32.00000	0.00000	68.24000	0.0	0.0	0.0
				33.00000	0.00000	68.24000	0.0	0.0	0.0
				34.00000	0.00000	68.24000	0.0	0.0	0.0
				35.00000	0.00000	68.24000	0.0	0.0	0.0
				36.00000	0.00000	68.24000	0.0	0.0	0.0
				37.00000	0.00000	68.24000	0.0	0.0	0.0
				38.00000	0.00000	68.24000	0.0	0.0	0.0
				39.00000	0.00000	68.24000	0.0	0.0	0.0
				40.00000	0.00000	68.24000	0.0	0.0	0.0
				41.00000	0.00000	68.24000	0.0	0.0	0.0
				42.00000	0.00000	68.24000	0.0	0.0	0.0
				43.00000	0.00000	68.24000	0.0	0.0	0.0
				44.00000	0.00000	68.24000	0.0	0.0	0.0
				45.00000	0.00000	68.24000	0.0	0.0	0.0
				46.00000	0.00000	68.24000	0.0	0.0	0.0
				47.00000	0.00000	68.24000	0.0	0.0	0.0
				48.00000	0.00000	68.24000	0.0	0.0	0.0
				49.00000	0.00000	68.24000	0.0	0.0	0.0
				50.00000	0.00000	68.24000	0.0	0.0	0.0
				51.00000	0.00000	68.24000	0.0	0.0	0.0
				52.00000	0.00000	68.24000	0.0	0.0	0.0
				53.00000	0.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				54.00000	0.00000	68.24000	0.0	0.0	0.0
				55.00000	0.00000	68.24000	0.0	0.0	0.0
				56.00000	0.00000	68.24000	0.0	0.0	0.0
				57.00000	0.00000	68.24000	0.0	0.0	0.0
				58.00000	0.00000	68.24000	0.0	0.0	0.0
				59.00000	0.00000	68.24000	0.0	0.0	0.0
				60.00000	0.00000	68.24000	0.0	0.0	0.0
				61.00000	0.00000	68.24000	0.0	0.0	0.0
				62.00000	0.00000	68.24000	0.0	0.0	0.0
				63.00000	0.00000	68.24000	0.0	0.0	0.0
				64.00000	0.00000	68.24000	0.0	0.0	0.0
				65.00000	0.00000	68.24000	0.0	0.0	0.0
				66.00000	0.00000	68.24000	0.0	0.0	0.0
				67.00000	0.00000	68.24000	0.0	0.0	0.0
				68.00000	0.00000	68.24000	0.0	0.0	0.0
				69.00000	0.00000	68.24000	0.0	0.0	0.0
				70.00000	0.00000	68.24000	0.0	0.0	0.0
				71.00000	0.00000	68.24000	0.0	0.0	0.0
				72.00000	0.00000	68.24000	0.0	0.0	0.0
				73.00000	0.00000	68.24000	0.0	0.0	0.0
				74.00000	0.00000	68.24000	0.0	0.0	0.0
				75.00000	0.00000	68.24000	0.0	0.0	0.0
				76.00000	0.00000	68.24000	0.0	0.0	0.0
				77.00000	0.00000	68.24000	0.0	0.0	0.0
				78.00000	0.00000	68.24000	0.0	0.0	0.0
				79.00000	0.00000	68.24000	0.0	0.0	0.0
				80.00000	0.00000	68.24000	0.0	0.0	0.0
				81.00000	0.00000	68.24000	0.0	0.0	0.0
				82.00000	0.00000	68.24000	0.0	0.0	0.0
				83.00000	0.00000	68.24000	0.0	0.0	0.0
				84.00000	0.00000	68.24000	0.0	0.0	0.0
				85.00000	0.00000	68.24000	0.0	0.0	0.0
				86.00000	0.00000	68.24000	0.0	0.0	0.0
				87.00000	0.00000	68.24000	0.0	0.0	0.0
				88.00000	0.00000	68.24000	0.0	0.0	0.0
				89.00000	0.00000	68.24000	0.0	0.0	0.0
				90.00000	0.00000	68.24000	0.0	0.0	0.0
				91.00000	0.00000	68.24000	0.0	0.0	0.0
				92.00000	0.00000	68.24000	0.0	0.0	0.0
				93.00000	0.00000	68.24000	0.0	0.0	0.0
				94.00000	0.00000	68.24000	0.0	0.0	0.0
				95.00000	0.00000	68.24000	0.0	0.0	0.0
				96.00000	0.00000	68.24000	0.0	0.0	0.0
				97.00000	0.00000	68.24000	0.0	0.0	0.0
				98.00000	0.00000	68.24000	0.0	0.0	0.0
				99.00000	0.00000	68.24000	0.0	0.0	0.0
				100.00000	0.00000	68.24000	0.0	0.0	0.0
				0.00000	1.00000	68.24000	0.0	0.0	0.0
				1.00000	1.00000	68.24000	0.0	0.0	0.0
				2.00000	1.00000	68.24000	0.0	0.0	0.0
				3.00000	1.00000	68.24000	0.0	0.0	0.0
				4.00000	1.00000	68.24000	0.0	0.0	0.0
				5.00000	1.00000	68.24000	0.0	0.0	0.0
				6.00000	1.00000	68.24000	0.0	0.0	0.0
				7.00000	1.00000	68.24000	0.0	0.0	0.0
				8.00000	1.00000	68.24000	0.0	0.0	0.0
				9.00000	1.00000	68.24000	0.0	0.0	0.0
				10.00000	1.00000	68.24000	0.0	0.0	0.0
				11.00000	1.00000	68.24000	0.0	0.0	0.0
				12.00000	1.00000	68.24000	0.0	0.0	0.0
				13.00000	1.00000	68.24000	0.0	0.0	0.0
				14.00000	1.00000	68.24000	0.0	0.0	0.0
				15.00000	1.00000	68.24000	0.0	0.0	0.0
				16.00000	1.00000	68.24000	0.0	0.0	0.0
				17.00000	1.00000	68.24000	0.0	0.0	0.0
				18.00000	1.00000	68.24000	0.0	0.0	0.0
				19.00000	1.00000	68.24000	0.0	0.0	0.0
				20.00000	1.00000	68.24000	0.0	0.0	0.0
				21.00000	1.00000	68.24000	0.0	0.0	0.0
				22.00000	1.00000	68.24000	0.0	0.0	0.0
				23.00000	1.00000	68.24000	0.0	0.0	0.0
				24.00000	1.00000	68.24000	0.0	0.0	0.0
				25.00000	1.00000	68.24000	0.0	0.0	0.0
				26.00000	1.00000	68.24000	0.0	0.0	0.0
				27.00000	1.00000	68.24000	0.0	0.0	0.0
				28.00000	1.00000	68.24000	0.0	0.0	0.0
				29.00000	1.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				30.00000	1.00000	68.24000	0.0	0.0	0.0
				31.00000	1.00000	68.24000	0.0	0.0	0.0
				32.00000	1.00000	68.24000	0.0	0.0	0.0
				33.00000	1.00000	68.24000	0.0	0.0	0.0
				34.00000	1.00000	68.24000	0.0	0.0	0.0
				35.00000	1.00000	68.24000	0.0	0.0	0.0
				36.00000	1.00000	68.24000	0.0	0.0	0.0
				37.00000	1.00000	68.24000	0.0	0.0	0.0
				38.00000	1.00000	68.24000	0.0	0.0	0.0
				39.00000	1.00000	68.24000	0.0	0.0	0.0
				40.00000	1.00000	68.24000	0.0	0.0	0.0
				41.00000	1.00000	68.24000	0.0	0.0	0.0
				42.00000	1.00000	68.24000	0.0	0.0	0.0
				43.00000	1.00000	68.24000	0.0	0.0	0.0
				44.00000	1.00000	68.24000	0.0	0.0	0.0
				45.00000	1.00000	68.24000	0.0	0.0	0.0
				46.00000	1.00000	68.24000	0.0	0.0	0.0
				47.00000	1.00000	68.24000	0.0	0.0	0.0
				48.00000	1.00000	68.24000	0.0	0.0	0.0
				49.00000	1.00000	68.24000	0.0	0.0	0.0
				50.00000	1.00000	68.24000	0.0	0.0	0.0
				51.00000	1.00000	68.24000	0.0	0.0	0.0
				52.00000	1.00000	68.24000	0.0	0.0	0.0
				53.00000	1.00000	68.24000	0.0	0.0	0.0
				54.00000	1.00000	68.24000	0.0	0.0	0.0
				55.00000	1.00000	68.24000	0.0	0.0	0.0
				56.00000	1.00000	68.24000	0.0	0.0	0.0
				57.00000	1.00000	68.24000	0.0	0.0	0.0
				58.00000	1.00000	68.24000	0.0	0.0	0.0
				59.00000	1.00000	68.24000	0.0	0.0	0.0
				60.00000	1.00000	68.24000	0.0	0.0	0.0
				61.00000	1.00000	68.24000	0.0	0.0	0.0
				62.00000	1.00000	68.24000	0.0	0.0	0.0
				63.00000	1.00000	68.24000	0.0	0.0	0.0
				64.00000	1.00000	68.24000	0.0	0.0	0.0
				65.00000	1.00000	68.24000	0.0	0.0	0.0
				66.00000	1.00000	68.24000	0.0	0.0	0.0
				67.00000	1.00000	68.24000	0.0	0.0	0.0
				68.00000	1.00000	68.24000	0.0	0.0	0.0
				69.00000	1.00000	68.24000	0.0	0.0	0.0
				70.00000	1.00000	68.24000	0.0	0.0	0.0
				71.00000	1.00000	68.24000	0.0	0.0	0.0
				72.00000	1.00000	68.24000	0.0	0.0	0.0
				73.00000	1.00000	68.24000	0.0	0.0	0.0
				74.00000	1.00000	68.24000	0.0	0.0	0.0
				75.00000	1.00000	68.24000	0.0	0.0	0.0
				76.00000	1.00000	68.24000	0.0	0.0	0.0
				77.00000	1.00000	68.24000	0.0	0.0	0.0
				78.00000	1.00000	68.24000	0.0	0.0	0.0
				79.00000	1.00000	68.24000	0.0	0.0	0.0
				80.00000	1.00000	68.24000	0.0	0.0	0.0
				81.00000	1.00000	68.24000	0.0	0.0	0.0
				82.00000	1.00000	68.24000	0.0	0.0	0.0
				83.00000	1.00000	68.24000	0.0	0.0	0.0
				84.00000	1.00000	68.24000	0.0	0.0	0.0
				85.00000	1.00000	68.24000	0.0	0.0	0.0
				86.00000	1.00000	68.24000	0.0	0.0	0.0
				87.00000	1.00000	68.24000	0.0	0.0	0.0
				88.00000	1.00000	68.24000	0.0	0.0	0.0
				89.00000	1.00000	68.24000	0.0	0.0	0.0
				90.00000	1.00000	68.24000	0.0	0.0	0.0
				91.00000	1.00000	68.24000	0.0	0.0	0.0
				92.00000	1.00000	68.24000	0.0	0.0	0.0
				93.00000	1.00000	68.24000	0.0	0.0	0.0
				94.00000	1.00000	68.24000	0.0	0.0	0.0
				95.00000	1.00000	68.24000	0.0	0.0	0.0
				96.00000	1.00000	68.24000	0.0	0.0	0.0
				97.00000	1.00000	68.24000	0.0	0.0	0.0
				98.00000	1.00000	68.24000	0.0	0.0	0.0
				99.00000	1.00000	68.24000	0.0	0.0	0.0
				100.00000	1.00000	68.24000	0.0	0.0	0.0
				0.00000	2.00000	68.24000	0.0	0.0	0.0
				1.00000	2.00000	68.24000	0.0	0.0	0.0
				2.00000	2.00000	68.24000	0.0	0.0	0.0
				3.00000	2.00000	68.24000	0.0	0.0	0.0
				4.00000	2.00000	68.24000	0.0	0.0	0.0
				5.00000	2.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				6.00000	2.00000	68.24000	0.0	0.0	0.0
				7.00000	2.00000	68.24000	0.0	0.0	0.0
				8.00000	2.00000	68.24000	0.0	0.0	0.0
				9.00000	2.00000	68.24000	0.0	0.0	0.0
				10.00000	2.00000	68.24000	0.0	0.0	0.0
				11.00000	2.00000	68.24000	0.0	0.0	0.0
				12.00000	2.00000	68.24000	0.0	0.0	0.0
				13.00000	2.00000	68.24000	0.0	0.0	0.0
				14.00000	2.00000	68.24000	0.0	0.0	0.0
				15.00000	2.00000	68.24000	0.0	0.0	0.0
				16.00000	2.00000	68.24000	0.0	0.0	0.0
				17.00000	2.00000	68.24000	0.0	0.0	0.0
				18.00000	2.00000	68.24000	0.0	0.0	0.0
				19.00000	2.00000	68.24000	0.0	0.0	0.0
				20.00000	2.00000	68.24000	0.0	0.0	0.0
				21.00000	2.00000	68.24000	0.0	0.0	0.0
				22.00000	2.00000	68.24000	0.0	0.0	0.0
				23.00000	2.00000	68.24000	0.0	0.0	0.0
				24.00000	2.00000	68.24000	0.0	0.0	0.0
				25.00000	2.00000	68.24000	0.0	0.0	0.0
				26.00000	2.00000	68.24000	0.0	0.0	0.0
				27.00000	2.00000	68.24000	0.0	0.0	0.0
				28.00000	2.00000	68.24000	0.0	0.0	0.0
				29.00000	2.00000	68.24000	0.0	0.0	0.0
				30.00000	2.00000	68.24000	0.0	0.0	0.0
				31.00000	2.00000	68.24000	0.0	0.0	0.0
				32.00000	2.00000	68.24000	0.0	0.0	0.0
				33.00000	2.00000	68.24000	0.0	0.0	0.0
				34.00000	2.00000	68.24000	0.0	0.0	0.0
				35.00000	2.00000	68.24000	0.0	0.0	0.0
				36.00000	2.00000	68.24000	0.0	0.0	0.0
				37.00000	2.00000	68.24000	0.0	0.0	0.0
				38.00000	2.00000	68.24000	0.0	0.0	0.0
				39.00000	2.00000	68.24000	0.0	0.0	0.0
				40.00000	2.00000	68.24000	0.0	0.0	0.0
				41.00000	2.00000	68.24000	0.0	0.0	0.0
				42.00000	2.00000	68.24000	0.0	0.0	0.0
				43.00000	2.00000	68.24000	0.0	0.0	0.0
				44.00000	2.00000	68.24000	0.0	0.0	0.0
				45.00000	2.00000	68.24000	0.0	0.0	0.0
				46.00000	2.00000	68.24000	0.0	0.0	0.0
				47.00000	2.00000	68.24000	0.0	0.0	0.0
				48.00000	2.00000	68.24000	0.0	0.0	0.0
				49.00000	2.00000	68.24000	0.0	0.0	0.0
				50.00000	2.00000	68.24000	0.0	0.0	0.0
				51.00000	2.00000	68.24000	0.0	0.0	0.0
				52.00000	2.00000	68.24000	0.0	0.0	0.0
				53.00000	2.00000	68.24000	0.0	0.0	0.0
				54.00000	2.00000	68.24000	0.0	0.0	0.0
				55.00000	2.00000	68.24000	0.0	0.0	0.0
				56.00000	2.00000	68.24000	0.0	0.0	0.0
				57.00000	2.00000	68.24000	0.0	0.0	0.0
				58.00000	2.00000	68.24000	0.0	0.0	0.0
				59.00000	2.00000	68.24000	0.0	0.0	0.0
				60.00000	2.00000	68.24000	0.0	0.0	0.0
				61.00000	2.00000	68.24000	0.0	0.0	0.0
				62.00000	2.00000	68.24000	0.0	0.0	0.0
				63.00000	2.00000	68.24000	0.0	0.0	0.0
				64.00000	2.00000	68.24000	0.0	0.0	0.0
				65.00000	2.00000	68.24000	0.0	0.0	0.0
				66.00000	2.00000	68.24000	0.0	0.0	0.0
				67.00000	2.00000	68.24000	0.0	0.0	0.0
				68.00000	2.00000	68.24000	0.0	0.0	0.0
				69.00000	2.00000	68.24000	0.0	0.0	0.0
				70.00000	2.00000	68.24000	0.0	0.0	0.0
				71.00000	2.00000	68.24000	0.0	0.0	0.0
				72.00000	2.00000	68.24000	0.0	0.0	0.0
				73.00000	2.00000	68.24000	0.0	0.0	0.0
				74.00000	2.00000	68.24000	0.0	0.0	0.0
				75.00000	2.00000	68.24000	0.0	0.0	0.0
				76.00000	2.00000	68.24000	0.0	0.0	0.0
				77.00000	2.00000	68.24000	0.0	0.0	0.0
				78.00000	2.00000	68.24000	0.0	0.0	0.0
				79.00000	2.00000	68.24000	0.0	0.0	0.0
				80.00000	2.00000	68.24000	0.0	0.0	0.0
				81.00000	2.00000	68.24000	0.0	0.0	0.0
				82.00000	2.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				83.00000	2.00000	68.24000	0.0	0.0	0.0
				84.00000	2.00000	68.24000	0.0	0.0	0.0
				85.00000	2.00000	68.24000	0.0	0.0	0.0
				86.00000	2.00000	68.24000	0.0	0.0	0.0
				87.00000	2.00000	68.24000	0.0	0.0	0.0
				88.00000	2.00000	68.24000	0.0	0.0	0.0
				89.00000	2.00000	68.24000	0.0	0.0	0.0
				90.00000	2.00000	68.24000	0.0	0.0	0.0
				91.00000	2.00000	68.24000	0.0	0.0	0.0
				92.00000	2.00000	68.24000	0.0	0.0	0.0
				93.00000	2.00000	68.24000	0.0	0.0	0.0
				94.00000	2.00000	68.24000	0.0	0.0	0.0
				95.00000	2.00000	68.24000	0.0	0.0	0.0
				96.00000	2.00000	68.24000	0.0	0.0	0.0
				97.00000	2.00000	68.24000	0.0	0.0	0.0
				98.00000	2.00000	68.24000	0.0	0.0	0.0
				99.00000	2.00000	68.24000	0.0	0.0	0.0
				100.00000	2.00000	68.24000	0.0	0.0	0.0
				0.00000	3.00000	68.24000	0.0	0.0	0.0
				1.00000	3.00000	68.24000	0.0	0.0	0.0
				2.00000	3.00000	68.24000	0.0	0.0	0.0
				3.00000	3.00000	68.24000	0.0	0.0	0.0
				4.00000	3.00000	68.24000	0.0	0.0	0.0
				5.00000	3.00000	68.24000	0.0	0.0	0.0
				6.00000	3.00000	68.24000	0.0	0.0	0.0
				7.00000	3.00000	68.24000	0.0	0.0	0.0
				8.00000	3.00000	68.24000	0.0	0.0	0.0
				9.00000	3.00000	68.24000	0.0	0.0	0.0
				10.00000	3.00000	68.24000	0.0	0.0	0.0
				11.00000	3.00000	68.24000	0.0	0.0	0.0
				12.00000	3.00000	68.24000	0.0	0.0	0.0
				13.00000	3.00000	68.24000	0.0	0.0	0.0
				14.00000	3.00000	68.24000	0.0	0.0	0.0
				15.00000	3.00000	68.24000	0.0	0.0	0.0
				16.00000	3.00000	68.24000	0.0	0.0	0.0
				17.00000	3.00000	68.24000	0.0	0.0	0.0
				18.00000	3.00000	68.24000	0.0	0.0	0.0
				19.00000	3.00000	68.24000	0.0	0.0	0.0
				20.00000	3.00000	68.24000	0.0	0.0	0.0
				21.00000	3.00000	68.24000	0.0	0.0	0.0
				22.00000	3.00000	68.24000	0.0	0.0	0.0
				23.00000	3.00000	68.24000	0.0	0.0	0.0
				24.00000	3.00000	68.24000	0.0	0.0	0.0
				25.00000	3.00000	68.24000	0.0	0.0	0.0
				26.00000	3.00000	68.24000	0.0	0.0	0.0
				27.00000	3.00000	68.24000	0.0	0.0	0.0
				28.00000	3.00000	68.24000	0.0	0.0	0.0
				29.00000	3.00000	68.24000	0.0	0.0	0.0
				30.00000	3.00000	68.24000	0.0	0.0	0.0
				31.00000	3.00000	68.24000	0.0	0.0	0.0
				32.00000	3.00000	68.24000	0.0	0.0	0.0
				33.00000	3.00000	68.24000	0.0	0.0	0.0
				34.00000	3.00000	68.24000	0.0	0.0	0.0
				35.00000	3.00000	68.24000	0.0	0.0	0.0
				36.00000	3.00000	68.24000	0.0	0.0	0.0
				37.00000	3.00000	68.24000	0.0	0.0	0.0
				38.00000	3.00000	68.24000	0.0	0.0	0.0
				39.00000	3.00000	68.24000	0.0	0.0	0.0
				40.00000	3.00000	68.24000	0.0	0.0	0.0
				41.00000	3.00000	68.24000	0.0	0.0	0.0
				42.00000	3.00000	68.24000	0.0	0.0	0.0
				43.00000	3.00000	68.24000	0.0	0.0	0.0
				44.00000	3.00000	68.24000	0.0	0.0	0.0
				45.00000	3.00000	68.24000	0.0	0.0	0.0
				46.00000	3.00000	68.24000	0.0	0.0	0.0
				47.00000	3.00000	68.24000	0.0	0.0	0.0
				48.00000	3.00000	68.24000	0.0	0.0	0.0
				49.00000	3.00000	68.24000	0.0	0.0	0.0
				50.00000	3.00000	68.24000	0.0	0.0	0.0
				51.00000	3.00000	68.24000	0.0	0.0	0.0
				52.00000	3.00000	68.24000	0.0	0.0	0.0
				53.00000	3.00000	68.24000	0.0	0.0	0.0
				54.00000	3.00000	68.24000	0.0	0.0	0.0
				55.00000	3.00000	68.24000	0.0	0.0	0.0
				56.00000	3.00000	68.24000	0.0	0.0	0.0
				57.00000	3.00000	68.24000	0.0	0.0	0.0
				58.00000	3.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.00000	3.00000	68.24000	0.0	0.0	0.0
				60.00000	3.00000	68.24000	0.0	0.0	0.0
				61.00000	3.00000	68.24000	0.0	0.0	0.0
				62.00000	3.00000	68.24000	0.0	0.0	0.0
				63.00000	3.00000	68.24000	0.0	0.0	0.0
				64.00000	3.00000	68.24000	0.0	0.0	0.0
				65.00000	3.00000	68.24000	0.0	0.0	0.0
				66.00000	3.00000	68.24000	0.0	0.0	0.0
				67.00000	3.00000	68.24000	0.0	0.0	0.0
				68.00000	3.00000	68.24000	0.0	0.0	0.0
				69.00000	3.00000	68.24000	0.0	0.0	0.0
				70.00000	3.00000	68.24000	0.0	0.0	0.0
				71.00000	3.00000	68.24000	0.0	0.0	0.0
				72.00000	3.00000	68.24000	0.0	0.0	0.0
				73.00000	3.00000	68.24000	0.0	0.0	0.0
				74.00000	3.00000	68.24000	0.0	0.0	0.0
				75.00000	3.00000	68.24000	0.0	0.0	0.0
				76.00000	3.00000	68.24000	0.0	0.0	0.0
				77.00000	3.00000	68.24000	0.0	0.0	0.0
				78.00000	3.00000	68.24000	0.0	0.0	0.0
				79.00000	3.00000	68.24000	0.0	0.0	0.0
				80.00000	3.00000	68.24000	0.0	0.0	0.0
				81.00000	3.00000	68.24000	0.0	0.0	0.0
				82.00000	3.00000	68.24000	0.0	0.0	0.0
				83.00000	3.00000	68.24000	0.0	0.0	0.0
				84.00000	3.00000	68.24000	0.0	0.0	0.0
				85.00000	3.00000	68.24000	0.0	0.0	0.0
				86.00000	3.00000	68.24000	0.0	0.0	0.0
				87.00000	3.00000	68.24000	0.0	0.0	0.0
				88.00000	3.00000	68.24000	0.0	0.0	0.0
				89.00000	3.00000	68.24000	0.0	0.0	0.0
				90.00000	3.00000	68.24000	0.0	0.0	0.0
				91.00000	3.00000	68.24000	0.0	0.0	0.0
				92.00000	3.00000	68.24000	0.0	0.0	0.0
				93.00000	3.00000	68.24000	0.0	0.0	0.0
				94.00000	3.00000	68.24000	0.0	0.0	0.0
				95.00000	3.00000	68.24000	0.0	0.0	0.0
				96.00000	3.00000	68.24000	0.0	0.0	0.0
				97.00000	3.00000	68.24000	0.0	0.0	0.0
				98.00000	3.00000	68.24000	0.0	0.0	0.0
				99.00000	3.00000	68.24000	0.0	0.0	0.0
				100.00000	3.00000	68.24000	0.0	0.0	0.0
				0.00000	4.00000	68.24000	0.0	0.0	0.0
				1.00000	4.00000	68.24000	0.0	0.0	0.0
				2.00000	4.00000	68.24000	0.0	0.0	0.0
				3.00000	4.00000	68.24000	0.0	0.0	0.0
				4.00000	4.00000	68.24000	0.0	0.0	0.0
				5.00000	4.00000	68.24000	0.0	0.0	0.0
				6.00000	4.00000	68.24000	0.0	0.0	0.0
				7.00000	4.00000	68.24000	0.0	0.0	0.0
				8.00000	4.00000	68.24000	0.0	0.0	0.0
				9.00000	4.00000	68.24000	0.0	0.0	0.0
				10.00000	4.00000	68.24000	0.0	0.0	0.0
				11.00000	4.00000	68.24000	0.0	0.0	0.0
				12.00000	4.00000	68.24000	0.0	0.0	0.0
				13.00000	4.00000	68.24000	0.0	0.0	0.0
				14.00000	4.00000	68.24000	0.0	0.0	0.0
				15.00000	4.00000	68.24000	0.0	0.0	0.0
				16.00000	4.00000	68.24000	0.0	0.0	0.0
				17.00000	4.00000	68.24000	0.0	0.0	0.0
				18.00000	4.00000	68.24000	0.0	0.0	0.0
				19.00000	4.00000	68.24000	0.0	0.0	0.0
				20.00000	4.00000	68.24000	0.0	0.0	0.0
				21.00000	4.00000	68.24000	0.0	0.0	0.0
				22.00000	4.00000	68.24000	0.0	0.0	0.0
				23.00000	4.00000	68.24000	0.0	0.0	0.0
				24.00000	4.00000	68.24000	0.0	0.0	0.0
				25.00000	4.00000	68.24000	0.0	0.0	0.0
				26.00000	4.00000	68.24000	0.0	0.0	0.0
				27.00000	4.00000	68.24000	0.0	0.0	0.0
				28.00000	4.00000	68.24000	0.0	0.0	0.0
				29.00000	4.00000	68.24000	0.0	0.0	0.0
				30.00000	4.00000	68.24000	0.0	0.0	0.0
				31.00000	4.00000	68.24000	0.0	0.0	0.0
				32.00000	4.00000	68.24000	0.0	0.0	0.0
				33.00000	4.00000	68.24000	0.0	0.0	0.0
				34.00000	4.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				35.00000	4.00000	68.24000	0.0	0.0	0.0
				36.00000	4.00000	68.24000	0.0	0.0	0.0
				37.00000	4.00000	68.24000	0.0	0.0	0.0
				38.00000	4.00000	68.24000	0.0	0.0	0.0
				39.00000	4.00000	68.24000	0.0	0.0	0.0
				40.00000	4.00000	68.24000	0.0	0.0	0.0
				41.00000	4.00000	68.24000	0.0	0.0	0.0
				42.00000	4.00000	68.24000	0.0	0.0	0.0
				43.00000	4.00000	68.24000	0.0	0.0	0.0
				44.00000	4.00000	68.24000	0.0	0.0	0.0
				45.00000	4.00000	68.24000	0.0	0.0	0.0
				46.00000	4.00000	68.24000	0.0	0.0	0.0
				47.00000	4.00000	68.24000	0.0	0.0	0.0
				48.00000	4.00000	68.24000	0.0	0.0	0.0
				49.00000	4.00000	68.24000	0.0	0.0	0.0
				50.00000	4.00000	68.24000	0.0	0.0	0.0
				51.00000	4.00000	68.24000	0.0	0.0	0.0
				52.00000	4.00000	68.24000	0.0	0.0	0.0
				53.00000	4.00000	68.24000	0.0	0.0	0.0
				54.00000	4.00000	68.24000	0.0	0.0	0.0
				55.00000	4.00000	68.24000	0.0	0.0	0.0
				56.00000	4.00000	68.24000	0.0	0.0	0.0
				57.00000	4.00000	68.24000	0.0	0.0	0.0
				58.00000	4.00000	68.24000	0.0	0.0	0.0
				59.00000	4.00000	68.24000	0.0	0.0	0.0
				60.00000	4.00000	68.24000	0.0	0.0	0.0
				61.00000	4.00000	68.24000	0.0	0.0	0.0
				62.00000	4.00000	68.24000	0.0	0.0	0.0
				63.00000	4.00000	68.24000	0.0	0.0	0.0
				64.00000	4.00000	68.24000	0.0	0.0	0.0
				65.00000	4.00000	68.24000	0.0	0.0	0.0
				66.00000	4.00000	68.24000	0.0	0.0	0.0
				67.00000	4.00000	68.24000	0.0	0.0	0.0
				68.00000	4.00000	68.24000	0.0	0.0	0.0
				69.00000	4.00000	68.24000	0.0	0.0	0.0
				70.00000	4.00000	68.24000	0.0	0.0	0.0
				71.00000	4.00000	68.24000	0.0	0.0	0.0
				72.00000	4.00000	68.24000	0.0	0.0	0.0
				73.00000	4.00000	68.24000	0.0	0.0	0.0
				74.00000	4.00000	68.24000	0.0	0.0	0.0
				75.00000	4.00000	68.24000	0.0	0.0	0.0
				76.00000	4.00000	68.24000	0.0	0.0	0.0
				77.00000	4.00000	68.24000	0.0	0.0	0.0
				78.00000	4.00000	68.24000	0.0	0.0	0.0
				79.00000	4.00000	68.24000	0.0	0.0	0.0
				80.00000	4.00000	68.24000	0.0	0.0	0.0
				81.00000	4.00000	68.24000	0.0	0.0	0.0
				82.00000	4.00000	68.24000	0.0	0.0	0.0
				83.00000	4.00000	68.24000	0.0	0.0	0.0
				84.00000	4.00000	68.24000	0.0	0.0	0.0
				85.00000	4.00000	68.24000	0.0	0.0	0.0
				86.00000	4.00000	68.24000	0.0	0.0	0.0
				87.00000	4.00000	68.24000	0.0	0.0	0.0
				88.00000	4.00000	68.24000	0.0	0.0	0.0
				89.00000	4.00000	68.24000	0.0	0.0	0.0
				90.00000	4.00000	68.24000	0.0	0.0	0.0
				91.00000	4.00000	68.24000	0.0	0.0	0.0
				92.00000	4.00000	68.24000	0.0	0.0	0.0
				93.00000	4.00000	68.24000	0.0	0.0	0.0
				94.00000	4.00000	68.24000	0.0	0.0	0.0
				95.00000	4.00000	68.24000	0.0	0.0	0.0
				96.00000	4.00000	68.24000	0.0	0.0	0.0
				97.00000	4.00000	68.24000	0.0	0.0	0.0
				98.00000	4.00000	68.24000	0.0	0.0	0.0
				99.00000	4.00000	68.24000	0.0	0.0	0.0
				100.00000	4.00000	68.24000	0.0	0.0	0.0
				0.00000	5.00000	68.24000	0.0	0.0	0.0
				1.00000	5.00000	68.24000	0.0	0.0	0.0
				2.00000	5.00000	68.24000	0.0	0.0	0.0
				3.00000	5.00000	68.24000	0.0	0.0	0.0
				4.00000	5.00000	68.24000	0.0	0.0	0.0
				5.00000	5.00000	68.24000	0.0	0.0	0.0
				6.00000	5.00000	68.24000	0.0	0.0	0.0
				7.00000	5.00000	68.24000	0.0	0.0	0.0
				8.00000	5.00000	68.24000	0.0	0.0	0.0
				9.00000	5.00000	68.24000	0.0	0.0	0.0
				10.00000	5.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				11.00000	5.00000	68.24000	0.0	0.0	0.0
				12.00000	5.00000	68.24000	0.0	0.0	0.0
				13.00000	5.00000	68.24000	0.0	0.0	0.0
				14.00000	5.00000	68.24000	0.0	0.0	0.0
				15.00000	5.00000	68.24000	0.0	0.0	0.0
				16.00000	5.00000	68.24000	0.0	0.0	0.0
				17.00000	5.00000	68.24000	0.0	0.0	0.0
				18.00000	5.00000	68.24000	0.0	0.0	0.0
				19.00000	5.00000	68.24000	0.0	0.0	0.0
				20.00000	5.00000	68.24000	0.0	0.0	0.0
				21.00000	5.00000	68.24000	0.0	0.0	0.0
				22.00000	5.00000	68.24000	0.0	0.0	0.0
				23.00000	5.00000	68.24000	0.0	0.0	0.0
				24.00000	5.00000	68.24000	0.0	0.0	0.0
				25.00000	5.00000	68.24000	0.0	0.0	0.0
				26.00000	5.00000	68.24000	0.0	0.0	0.0
				27.00000	5.00000	68.24000	0.0	0.0	0.0
				28.00000	5.00000	68.24000	0.0	0.0	0.0
				29.00000	5.00000	68.24000	0.0	0.0	0.0
				30.00000	5.00000	68.24000	0.0	0.0	0.0
				31.00000	5.00000	68.24000	0.0	0.0	0.0
				32.00000	5.00000	68.24000	0.0	0.0	0.0
				33.00000	5.00000	68.24000	0.0	0.0	0.0
				34.00000	5.00000	68.24000	0.0	0.0	0.0
				35.00000	5.00000	68.24000	0.0	0.0	0.0
				36.00000	5.00000	68.24000	0.0	0.0	0.0
				37.00000	5.00000	68.24000	0.0	0.0	0.0
				38.00000	5.00000	68.24000	0.0	0.0	0.0
				39.00000	5.00000	68.24000	0.0	0.0	0.0
				40.00000	5.00000	68.24000	0.0	0.0	0.0
				41.00000	5.00000	68.24000	0.0	0.0	0.0
				42.00000	5.00000	68.24000	0.0	0.0	0.0
				43.00000	5.00000	68.24000	0.0	0.0	0.0
				44.00000	5.00000	68.24000	0.0	0.0	0.0
				45.00000	5.00000	68.24000	0.0	0.0	0.0
				46.00000	5.00000	68.24000	0.0	0.0	0.0
				47.00000	5.00000	68.24000	0.0	0.0	0.0
				48.00000	5.00000	68.24000	0.0	0.0	0.0
				49.00000	5.00000	68.24000	0.0	0.0	0.0
				50.00000	5.00000	68.24000	0.0	0.0	0.0
				51.00000	5.00000	68.24000	0.0	0.0	0.0
				52.00000	5.00000	68.24000	0.0	0.0	0.0
				53.00000	5.00000	68.24000	0.0	0.0	0.0
				54.00000	5.00000	68.24000	0.0	0.0	0.0
				55.00000	5.00000	68.24000	0.0	0.0	0.0
				56.00000	5.00000	68.24000	0.0	0.0	0.0
				57.00000	5.00000	68.24000	0.0	0.0	0.0
				58.00000	5.00000	68.24000	0.0	0.0	0.0
				59.00000	5.00000	68.24000	0.0	0.0	0.0
				60.00000	5.00000	68.24000	0.0	0.0	0.0
				61.00000	5.00000	68.24000	0.0	0.0	0.0
				62.00000	5.00000	68.24000	0.0	0.0	0.0
				63.00000	5.00000	68.24000	0.0	0.0	0.0
				64.00000	5.00000	68.24000	0.0	0.0	0.0
				65.00000	5.00000	68.24000	0.0	0.0	0.0
				66.00000	5.00000	68.24000	0.0	0.0	0.0
				67.00000	5.00000	68.24000	0.0	0.0	0.0
				68.00000	5.00000	68.24000	0.0	0.0	0.0
				69.00000	5.00000	68.24000	0.0	0.0	0.0
				70.00000	5.00000	68.24000	0.0	0.0	0.0
				71.00000	5.00000	68.24000	0.0	0.0	0.0
				72.00000	5.00000	68.24000	0.0	0.0	0.0
				73.00000	5.00000	68.24000	0.0	0.0	0.0
				74.00000	5.00000	68.24000	0.0	0.0	0.0
				75.00000	5.00000	68.24000	0.0	0.0	0.0
				76.00000	5.00000	68.24000	0.0	0.0	0.0
				77.00000	5.00000	68.24000	0.0	0.0	0.0
				78.00000	5.00000	68.24000	0.0	0.0	0.0
				79.00000	5.00000	68.24000	0.0	0.0	0.0
				80.00000	5.00000	68.24000	0.0	0.0	0.0
				81.00000	5.00000	68.24000	0.0	0.0	0.0
				82.00000	5.00000	68.24000	0.0	0.0	0.0
				83.00000	5.00000	68.24000	0.0	0.0	0.0
				84.00000	5.00000	68.24000	0.0	0.0	0.0
				85.00000	5.00000	68.24000	0.0	0.0	0.0
				86.00000	5.00000	68.24000	0.0	0.0	0.0
				87.00000	5.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				88.00000	5.00000	68.24000	0.0	0.0	0.0
				89.00000	5.00000	68.24000	0.0	0.0	0.0
				90.00000	5.00000	68.24000	0.0	0.0	0.0
				91.00000	5.00000	68.24000	0.0	0.0	0.0
				92.00000	5.00000	68.24000	0.0	0.0	0.0
				93.00000	5.00000	68.24000	0.0	0.0	0.0
				94.00000	5.00000	68.24000	0.0	0.0	0.0
				95.00000	5.00000	68.24000	0.0	0.0	0.0
				96.00000	5.00000	68.24000	0.0	0.0	0.0
				97.00000	5.00000	68.24000	0.0	0.0	0.0
				98.00000	5.00000	68.24000	0.0	0.0	0.0
				99.00000	5.00000	68.24000	0.0	0.0	0.0
				100.00000	5.00000	68.24000	0.0	0.0	0.0
				0.00000	6.00000	68.24000	0.0	0.0	0.0
				1.00000	6.00000	68.24000	0.0	0.0	0.0
				2.00000	6.00000	68.24000	0.0	0.0	0.0
				3.00000	6.00000	68.24000	0.0	0.0	0.0
				4.00000	6.00000	68.24000	0.0	0.0	0.0
				5.00000	6.00000	68.24000	0.0	0.0	0.0
				6.00000	6.00000	68.24000	0.0	0.0	0.0
				7.00000	6.00000	68.24000	0.0	0.0	0.0
				8.00000	6.00000	68.24000	0.0	0.0	0.0
				9.00000	6.00000	68.24000	0.0	0.0	0.0
				10.00000	6.00000	68.24000	0.0	0.0	0.0
				11.00000	6.00000	68.24000	0.0	0.0	0.0
				12.00000	6.00000	68.24000	0.0	0.0	0.0
				13.00000	6.00000	68.24000	0.0	0.0	0.0
				14.00000	6.00000	68.24000	0.0	0.0	0.0
				15.00000	6.00000	68.24000	0.0	0.0	0.0
				16.00000	6.00000	68.24000	0.0	0.0	0.0
				17.00000	6.00000	68.24000	0.0	0.0	0.0
				18.00000	6.00000	68.24000	0.0	0.0	0.0
				19.00000	6.00000	68.24000	0.0	0.0	0.0
				20.00000	6.00000	68.24000	0.0	0.0	0.0
				21.00000	6.00000	68.24000	0.0	0.0	0.0
				22.00000	6.00000	68.24000	0.0	0.0	0.0
				23.00000	6.00000	68.24000	0.0	0.0	0.0
				24.00000	6.00000	68.24000	0.0	0.0	0.0
				25.00000	6.00000	68.24000	0.0	0.0	0.0
				26.00000	6.00000	68.24000	0.0	0.0	0.0
				27.00000	6.00000	68.24000	0.0	0.0	0.0
				28.00000	6.00000	68.24000	0.0	0.0	0.0
				29.00000	6.00000	68.24000	0.0	0.0	0.0
				30.00000	6.00000	68.24000	0.0	0.0	0.0
				31.00000	6.00000	68.24000	0.0	0.0	0.0
				32.00000	6.00000	68.24000	0.0	0.0	0.0
				33.00000	6.00000	68.24000	0.0	0.0	0.0
				34.00000	6.00000	68.24000	0.0	0.0	0.0
				35.00000	6.00000	68.24000	0.0	0.0	0.0
				36.00000	6.00000	68.24000	0.0	0.0	0.0
				37.00000	6.00000	68.24000	0.0	0.0	0.0
				38.00000	6.00000	68.24000	0.0	0.0	0.0
				39.00000	6.00000	68.24000	0.0	0.0	0.0
				40.00000	6.00000	68.24000	0.0	0.0	0.0
				41.00000	6.00000	68.24000	0.0	0.0	0.0
				42.00000	6.00000	68.24000	0.0	0.0	0.0
				43.00000	6.00000	68.24000	0.0	0.0	0.0
				44.00000	6.00000	68.24000	0.0	0.0	0.0
				45.00000	6.00000	68.24000	0.0	0.0	0.0
				46.00000	6.00000	68.24000	0.0	0.0	0.0
				47.00000	6.00000	68.24000	0.0	0.0	0.0
				48.00000	6.00000	68.24000	0.0	0.0	0.0
				49.00000	6.00000	68.24000	0.0	0.0	0.0
				50.00000	6.00000	68.24000	0.0	0.0	0.0
				51.00000	6.00000	68.24000	0.0	0.0	0.0
				52.00000	6.00000	68.24000	0.0	0.0	0.0
				53.00000	6.00000	68.24000	0.0	0.0	0.0
				54.00000	6.00000	68.24000	0.0	0.0	0.0
				55.00000	6.00000	68.24000	0.0	0.0	0.0
				56.00000	6.00000	68.24000	0.0	0.0	0.0
				57.00000	6.00000	68.24000	0.0	0.0	0.0
				58.00000	6.00000	68.24000	0.0	0.0	0.0
				59.00000	6.00000	68.24000	0.0	0.0	0.0
				60.00000	6.00000	68.24000	0.0	0.0	0.0
				61.00000	6.00000	68.24000	0.0	0.0	0.0
				62.00000	6.00000	68.24000	0.0	0.0	0.0
				63.00000	6.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				64.00000	6.00000	68.24000	0.0	0.0	0.0
				65.00000	6.00000	68.24000	0.0	0.0	0.0
				66.00000	6.00000	68.24000	0.0	0.0	0.0
				67.00000	6.00000	68.24000	0.0	0.0	0.0
				68.00000	6.00000	68.24000	0.0	0.0	0.0
				69.00000	6.00000	68.24000	0.0	0.0	0.0
				70.00000	6.00000	68.24000	0.0	0.0	0.0
				71.00000	6.00000	68.24000	0.0	0.0	0.0
				72.00000	6.00000	68.24000	0.0	0.0	0.0
				73.00000	6.00000	68.24000	0.0	0.0	0.0
				74.00000	6.00000	68.24000	0.0	0.0	0.0
				75.00000	6.00000	68.24000	0.0	0.0	0.0
				76.00000	6.00000	68.24000	0.0	0.0	0.0
				77.00000	6.00000	68.24000	0.0	0.0	0.0
				78.00000	6.00000	68.24000	0.0	0.0	0.0
				79.00000	6.00000	68.24000	0.0	0.0	0.0
				80.00000	6.00000	68.24000	0.0	0.0	0.0
				81.00000	6.00000	68.24000	0.0	0.0	0.0
				82.00000	6.00000	68.24000	0.0	0.0	0.0
				83.00000	6.00000	68.24000	0.0	0.0	0.0
				84.00000	6.00000	68.24000	0.0	0.0	0.0
				85.00000	6.00000	68.24000	0.0	0.0	0.0
				86.00000	6.00000	68.24000	0.0	0.0	0.0
				87.00000	6.00000	68.24000	0.0	0.0	0.0
				88.00000	6.00000	68.24000	0.0	0.0	0.0
				89.00000	6.00000	68.24000	0.0	0.0	0.0
				90.00000	6.00000	68.24000	0.0	0.0	0.0
				91.00000	6.00000	68.24000	0.0	0.0	0.0
				92.00000	6.00000	68.24000	0.0	0.0	0.0
				93.00000	6.00000	68.24000	0.0	0.0	0.0
				94.00000	6.00000	68.24000	0.0	0.0	0.0
				95.00000	6.00000	68.24000	0.0	0.0	0.0
				96.00000	6.00000	68.24000	0.0	0.0	0.0
				97.00000	6.00000	68.24000	0.0	0.0	0.0
				98.00000	6.00000	68.24000	0.0	0.0	0.0
				99.00000	6.00000	68.24000	0.0	0.0	0.0
				100.00000	6.00000	68.24000	0.0	0.0	0.0
				0.00000	7.00000	68.24000	0.0	0.0	0.0
				1.00000	7.00000	68.24000	0.0	0.0	0.0
				2.00000	7.00000	68.24000	0.0	0.0	0.0
				3.00000	7.00000	68.24000	0.0	0.0	0.0
				4.00000	7.00000	68.24000	0.0	0.0	0.0
				5.00000	7.00000	68.24000	0.0	0.0	0.0
				6.00000	7.00000	68.24000	0.0	0.0	0.0
				7.00000	7.00000	68.24000	0.0	0.0	0.0
				8.00000	7.00000	68.24000	0.0	0.0	0.0
				9.00000	7.00000	68.24000	0.0	0.0	0.0
				10.00000	7.00000	68.24000	0.0	0.0	0.0
				11.00000	7.00000	68.24000	0.0	0.0	0.0
				12.00000	7.00000	68.24000	0.0	0.0	0.0
				13.00000	7.00000	68.24000	0.0	0.0	0.0
				14.00000	7.00000	68.24000	0.0	0.0	0.0
				15.00000	7.00000	68.24000	0.0	0.0	0.0
				16.00000	7.00000	68.24000	0.0	0.0	0.0
				17.00000	7.00000	68.24000	0.0	0.0	0.0
				18.00000	7.00000	68.24000	0.0	0.0	0.0
				19.00000	7.00000	68.24000	0.0	0.0	0.0
				20.00000	7.00000	68.24000	0.0	0.0	0.0
				21.00000	7.00000	68.24000	0.0	0.0	0.0
				22.00000	7.00000	68.24000	0.0	0.0	0.0
				23.00000	7.00000	68.24000	0.0	0.0	0.0
				24.00000	7.00000	68.24000	0.0	0.0	0.0
				25.00000	7.00000	68.24000	0.0	0.0	0.0
				26.00000	7.00000	68.24000	0.0	0.0	0.0
				27.00000	7.00000	68.24000	0.0	0.0	0.0
				28.00000	7.00000	68.24000	0.0	0.0	0.0
				29.00000	7.00000	68.24000	0.0	0.0	0.0
				30.00000	7.00000	68.24000	0.0	0.0	0.0
				31.00000	7.00000	68.24000	0.0	0.0	0.0
				32.00000	7.00000	68.24000	0.0	0.0	0.0
				33.00000	7.00000	68.24000	0.0	0.0	0.0
				34.00000	7.00000	68.24000	0.0	0.0	0.0
				35.00000	7.00000	68.24000	0.0	0.0	0.0
				36.00000	7.00000	68.24000	0.0	0.0	0.0
				37.00000	7.00000	68.24000	0.0	0.0	0.0
				38.00000	7.00000	68.24000	0.0	0.0	0.0
				39.00000	7.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				40.00000	7.00000	68.24000	0.0	0.0	0.0
				41.00000	7.00000	68.24000	0.0	0.0	0.0
				42.00000	7.00000	68.24000	0.0	0.0	0.0
				43.00000	7.00000	68.24000	0.0	0.0	0.0
				44.00000	7.00000	68.24000	0.0	0.0	0.0
				45.00000	7.00000	68.24000	0.0	0.0	0.0
				46.00000	7.00000	68.24000	0.0	0.0	0.0
				47.00000	7.00000	68.24000	0.0	0.0	0.0
				48.00000	7.00000	68.24000	0.0	0.0	0.0
				49.00000	7.00000	68.24000	0.0	0.0	0.0
				50.00000	7.00000	68.24000	0.0	0.0	0.0
				51.00000	7.00000	68.24000	0.0	0.0	0.0
				52.00000	7.00000	68.24000	0.0	0.0	0.0
				53.00000	7.00000	68.24000	0.0	0.0	0.0
				54.00000	7.00000	68.24000	0.0	0.0	0.0
				55.00000	7.00000	68.24000	0.0	0.0	0.0
				56.00000	7.00000	68.24000	0.0	0.0	0.0
				57.00000	7.00000	68.24000	0.0	0.0	0.0
				58.00000	7.00000	68.24000	0.0	0.0	0.0
				59.00000	7.00000	68.24000	0.0	0.0	0.0
				60.00000	7.00000	68.24000	0.0	0.0	0.0
				61.00000	7.00000	68.24000	0.0	0.0	0.0
				62.00000	7.00000	68.24000	0.0	0.0	0.0
				63.00000	7.00000	68.24000	0.0	0.0	0.0
				64.00000	7.00000	68.24000	0.0	0.0	0.0
				65.00000	7.00000	68.24000	0.0	0.0	0.0
				66.00000	7.00000	68.24000	0.0	0.0	0.0
				67.00000	7.00000	68.24000	0.0	0.0	0.0
				68.00000	7.00000	68.24000	0.0	0.0	0.0
				69.00000	7.00000	68.24000	0.0	0.0	0.0
				70.00000	7.00000	68.24000	0.0	0.0	0.0
				71.00000	7.00000	68.24000	0.0	0.0	0.0
				72.00000	7.00000	68.24000	0.0	0.0	0.0
				73.00000	7.00000	68.24000	0.0	0.0	0.0
				74.00000	7.00000	68.24000	0.0	0.0	0.0
				75.00000	7.00000	68.24000	0.0	0.0	0.0
				76.00000	7.00000	68.24000	0.0	0.0	0.0
				77.00000	7.00000	68.24000	0.0	0.0	0.0
				78.00000	7.00000	68.24000	0.0	0.0	0.0
				79.00000	7.00000	68.24000	0.0	0.0	0.0
				80.00000	7.00000	68.24000	0.0	0.0	0.0
				81.00000	7.00000	68.24000	0.0	0.0	0.0
				82.00000	7.00000	68.24000	0.0	0.0	0.0
				83.00000	7.00000	68.24000	0.0	0.0	0.0
				84.00000	7.00000	68.24000	0.0	0.0	0.0
				85.00000	7.00000	68.24000	0.0	0.0	0.0
				86.00000	7.00000	68.24000	0.0	0.0	0.0
				87.00000	7.00000	68.24000	0.0	0.0	0.0
				88.00000	7.00000	68.24000	0.0	0.0	0.0
				89.00000	7.00000	68.24000	0.0	0.0	0.0
				90.00000	7.00000	68.24000	0.0	0.0	0.0
				91.00000	7.00000	68.24000	0.0	0.0	0.0
				92.00000	7.00000	68.24000	0.0	0.0	0.0
				93.00000	7.00000	68.24000	0.0	0.0	0.0
				94.00000	7.00000	68.24000	0.0	0.0	0.0
				95.00000	7.00000	68.24000	0.0	0.0	0.0
				96.00000	7.00000	68.24000	0.0	0.0	0.0
				97.00000	7.00000	68.24000	0.0	0.0	0.0
				98.00000	7.00000	68.24000	0.0	0.0	0.0
				99.00000	7.00000	68.24000	0.0	0.0	0.0
				100.00000	7.00000	68.24000	0.0	0.0	0.0
				0.00000	8.00000	68.24000	0.0	0.0	0.0
				1.00000	8.00000	68.24000	0.0	0.0	0.0
				2.00000	8.00000	68.24000	0.0	0.0	0.0
				3.00000	8.00000	68.24000	0.0	0.0	0.0
				4.00000	8.00000	68.24000	0.0	0.0	0.0
				5.00000	8.00000	68.24000	0.0	0.0	0.0
				6.00000	8.00000	68.24000	0.0	0.0	0.0
				7.00000	8.00000	68.24000	0.0	0.0	0.0
				8.00000	8.00000	68.24000	0.0	0.0	0.0
				9.00000	8.00000	68.24000	0.0	0.0	0.0
				10.00000	8.00000	68.24000	0.0	0.0	0.0
				11.00000	8.00000	68.24000	0.0	0.0	0.0
				12.00000	8.00000	68.24000	0.0	0.0	0.0
				13.00000	8.00000	68.24000	0.0	0.0	0.0
				14.00000	8.00000	68.24000	0.0	0.0	0.0
				15.00000	8.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
16.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
17.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
18.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
19.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
20.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
21.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
22.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
23.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
24.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
25.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
26.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
27.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
28.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
29.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
30.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
31.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
32.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
33.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
34.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
35.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
36.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
37.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
38.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
39.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
40.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
41.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
42.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
43.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
44.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
45.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
46.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
47.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
48.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
49.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
50.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
51.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
52.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
53.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
54.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
79.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
80.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
81.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
82.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
83.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
84.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
85.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
86.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
87.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
88.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
89.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
90.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
91.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
92.00000	8.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				93.00000	8.00000	68.24000	0.0	0.0	0.0
				94.00000	8.00000	68.24000	0.0	0.0	0.0
				95.00000	8.00000	68.24000	0.0	0.0	0.0
				96.00000	8.00000	68.24000	0.0	0.0	0.0
				97.00000	8.00000	68.24000	0.0	0.0	0.0
				98.00000	8.00000	68.24000	0.0	0.0	0.0
				99.00000	8.00000	68.24000	0.0	0.0	0.0
				100.00000	8.00000	68.24000	0.0	0.0	0.0
				0.00000	9.00000	68.24000	0.0	0.0	0.0
				1.00000	9.00000	68.24000	0.0	0.0	0.0
				2.00000	9.00000	68.24000	0.0	0.0	0.0
				3.00000	9.00000	68.24000	0.0	0.0	0.0
				4.00000	9.00000	68.24000	0.0	0.0	0.0
				5.00000	9.00000	68.24000	0.0	0.0	0.0
				6.00000	9.00000	68.24000	0.0	0.0	0.0
				7.00000	9.00000	68.24000	0.0	0.0	0.0
				8.00000	9.00000	68.24000	0.0	0.0	0.0
				9.00000	9.00000	68.24000	0.0	0.0	0.0
				10.00000	9.00000	68.24000	0.0	0.0	0.0
				11.00000	9.00000	68.24000	0.0	0.0	0.0
				12.00000	9.00000	68.24000	0.0	0.0	0.0
				13.00000	9.00000	68.24000	0.0	0.0	0.0
				14.00000	9.00000	68.24000	0.0	0.0	0.0
				15.00000	9.00000	68.24000	0.0	0.0	0.0
				16.00000	9.00000	68.24000	0.0	0.0	0.0
				17.00000	9.00000	68.24000	0.0	0.0	0.0
				18.00000	9.00000	68.24000	0.0	0.0	0.0
				19.00000	9.00000	68.24000	0.0	0.0	0.0
				20.00000	9.00000	68.24000	0.0	0.0	0.0
				21.00000	9.00000	68.24000	0.0	0.0	0.0
				22.00000	9.00000	68.24000	0.0	0.0	0.0
				23.00000	9.00000	68.24000	0.0	0.0	0.0
				24.00000	9.00000	68.24000	0.0	0.0	0.0
				25.00000	9.00000	68.24000	0.0	0.0	0.0
				26.00000	9.00000	68.24000	0.0	0.0	0.0
				27.00000	9.00000	68.24000	0.0	0.0	0.0
				28.00000	9.00000	68.24000	0.0	0.0	0.0
				29.00000	9.00000	68.24000	0.0	0.0	0.0
				30.00000	9.00000	68.24000	0.0	0.0	0.0
				31.00000	9.00000	68.24000	0.0	0.0	0.0
				32.00000	9.00000	68.24000	0.0	0.0	0.0
				33.00000	9.00000	68.24000	0.0	0.0	0.0
				34.00000	9.00000	68.24000	0.0	0.0	0.0
				35.00000	9.00000	68.24000	0.0	0.0	0.0
				36.00000	9.00000	68.24000	0.0	0.0	0.0
				37.00000	9.00000	68.24000	0.0	0.0	0.0
				38.00000	9.00000	68.24000	0.0	0.0	0.0
				39.00000	9.00000	68.24000	0.0	0.0	0.0
				40.00000	9.00000	68.24000	0.0	0.0	0.0
				41.00000	9.00000	68.24000	0.0	0.0	0.0
				42.00000	9.00000	68.24000	0.0	0.0	0.0
				43.00000	9.00000	68.24000	0.0	0.0	0.0
				44.00000	9.00000	68.24000	0.0	0.0	0.0
				45.00000	9.00000	68.24000	0.0	0.0	0.0
				46.00000	9.00000	68.24000	0.0	0.0	0.0
				47.00000	9.00000	68.24000	0.0	0.0	0.0
				48.00000	9.00000	68.24000	0.0	0.0	0.0
				49.00000	9.00000	68.24000	0.0	0.0	0.0
				50.00000	9.00000	68.24000	0.0	0.0	0.0
				51.00000	9.00000	68.24000	0.0	0.0	0.0
				52.00000	9.00000	68.24000	0.0	0.0	0.0
				53.00000	9.00000	68.24000	0.0	0.0	0.0
				54.00000	9.00000	68.24000	0.0	0.0	0.0
				55.00000	9.00000	68.24000	0.0	0.0	0.0
				56.00000	9.00000	68.24000	0.0	0.0	0.0
				57.00000	9.00000	68.24000	0.0	0.0	0.0
				58.00000	9.00000	68.24000	0.0	0.0	0.0
				59.00000	9.00000	68.24000	0.0	0.0	0.0
				60.00000	9.00000	68.24000	0.0	0.0	0.0
				61.00000	9.00000	68.24000	0.0	0.0	0.0
				62.00000	9.00000	68.24000	0.0	0.0	0.0
				63.00000	9.00000	68.24000	0.0	0.0	0.0
				64.00000	9.00000	68.24000	0.0	0.0	0.0
				65.00000	9.00000	68.24000	0.0	0.0	0.0
				66.00000	9.00000	68.24000	0.0	0.0	0.0
				67.00000	9.00000	68.24000	0.0	0.0	0.0
				68.00000	9.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				69.00000	9.00000	68.24000	0.0	0.0	0.0
				70.00000	9.00000	68.24000	0.0	0.0	0.0
				71.00000	9.00000	68.24000	0.0	0.0	0.0
				72.00000	9.00000	68.24000	0.0	0.0	0.0
				73.00000	9.00000	68.24000	0.0	0.0	0.0
				74.00000	9.00000	68.24000	0.0	0.0	0.0
				75.00000	9.00000	68.24000	0.0	0.0	0.0
				76.00000	9.00000	68.24000	0.0	0.0	0.0
				77.00000	9.00000	68.24000	0.0	0.0	0.0
				78.00000	9.00000	68.24000	0.0	0.0	0.0
				79.00000	9.00000	68.24000	0.0	0.0	0.0
				80.00000	9.00000	68.24000	0.0	0.0	0.0
				81.00000	9.00000	68.24000	0.0	0.0	0.0
				82.00000	9.00000	68.24000	0.0	0.0	0.0
				83.00000	9.00000	68.24000	0.0	0.0	0.0
				84.00000	9.00000	68.24000	0.0	0.0	0.0
				85.00000	9.00000	68.24000	0.0	0.0	0.0
				86.00000	9.00000	68.24000	0.0	0.0	0.0
				87.00000	9.00000	68.24000	0.0	0.0	0.0
				88.00000	9.00000	68.24000	0.0	0.0	0.0
				89.00000	9.00000	68.24000	0.0	0.0	0.0
				90.00000	9.00000	68.24000	0.0	0.0	0.0
				91.00000	9.00000	68.24000	0.0	0.0	0.0
				92.00000	9.00000	68.24000	0.0	0.0	0.0
				93.00000	9.00000	68.24000	0.0	0.0	0.0
				94.00000	9.00000	68.24000	0.0	0.0	0.0
				95.00000	9.00000	68.24000	0.0	0.0	0.0
				96.00000	9.00000	68.24000	0.0	0.0	0.0
				97.00000	9.00000	68.24000	0.0	0.0	0.0
				98.00000	9.00000	68.24000	0.0	0.0	0.0
				99.00000	9.00000	68.24000	0.0	0.0	0.0
				100.00000	9.00000	68.24000	0.0	0.0	0.0
				0.00000	10.00000	68.24000	0.0	0.0	0.0
				1.00000	10.00000	68.24000	0.0	0.0	0.0
				2.00000	10.00000	68.24000	0.0	0.0	0.0
				3.00000	10.00000	68.24000	0.0	0.0	0.0
				4.00000	10.00000	68.24000	0.0	0.0	0.0
				5.00000	10.00000	68.24000	0.0	0.0	0.0
				6.00000	10.00000	68.24000	0.0	0.0	0.0
				7.00000	10.00000	68.24000	0.0	0.0	0.0
				8.00000	10.00000	68.24000	0.0	0.0	0.0
				9.00000	10.00000	68.24000	0.0	0.0	0.0
				10.00000	10.00000	68.24000	0.0	0.0	0.0
				11.00000	10.00000	68.24000	0.0	0.0	0.0
				12.00000	10.00000	68.24000	0.0	0.0	0.0
				13.00000	10.00000	68.24000	0.0	0.0	0.0
				14.00000	10.00000	68.24000	0.0	0.0	0.0
				15.00000	10.00000	68.24000	0.0	0.0	0.0
				16.00000	10.00000	68.24000	0.0	0.0	0.0
				17.00000	10.00000	68.24000	0.0	0.0	0.0
				18.00000	10.00000	68.24000	0.0	0.0	0.0
				19.00000	10.00000	68.24000	0.0	0.0	0.0
				20.00000	10.00000	68.24000	0.0	0.0	0.0
				21.00000	10.00000	68.24000	0.0	0.0	0.0
				22.00000	10.00000	68.24000	0.0	0.0	0.0
				23.00000	10.00000	68.24000	0.0	0.0	0.0
				24.00000	10.00000	68.24000	0.0	0.0	0.0
				25.00000	10.00000	68.24000	0.0	0.0	0.0
				26.00000	10.00000	68.24000	0.0	0.0	0.0
				27.00000	10.00000	68.24000	0.0	0.0	0.0
				28.00000	10.00000	68.24000	0.0	0.0	0.0
				29.00000	10.00000	68.24000	0.0	0.0	0.0
				30.00000	10.00000	68.24000	0.0	0.0	0.0
				31.00000	10.00000	68.24000	0.0	0.0	0.0
				32.00000	10.00000	68.24000	0.0	0.0	0.0
				33.00000	10.00000	68.24000	0.0	0.0	0.0
				34.00000	10.00000	68.24000	0.0	0.0	0.0
				35.00000	10.00000	68.24000	0.0	0.0	0.0
				36.00000	10.00000	68.24000	0.0	0.0	0.0
				37.00000	10.00000	68.24000	0.0	0.0	0.0
				38.00000	10.00000	68.24000	0.0	0.0	0.0
				39.00000	10.00000	68.24000	0.0	0.0	0.0
				40.00000	10.00000	68.24000	0.0	0.0	0.0
				41.00000	10.00000	68.24000	0.0	0.0	0.0
				42.00000	10.00000	68.24000	0.0	0.0	0.0
				43.00000	10.00000	68.24000	0.0	0.0	0.0
				44.00000	10.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				45.00000	10.00000	68.24000	0.0	0.0	0.0
				46.00000	10.00000	68.24000	0.0	0.0	0.0
				47.00000	10.00000	68.24000	0.0	0.0	0.0
				48.00000	10.00000	68.24000	0.0	0.0	0.0
				49.00000	10.00000	68.24000	0.0	0.0	0.0
				50.00000	10.00000	68.24000	0.0	0.0	0.0
				51.00000	10.00000	68.24000	0.0	0.0	0.0
				52.00000	10.00000	68.24000	0.0	0.0	0.0
				53.00000	10.00000	68.24000	0.0	0.0	0.0
				54.00000	10.00000	68.24000	0.0	0.0	0.0
				55.00000	10.00000	68.24000	0.0	0.0	0.0
				56.00000	10.00000	68.24000	0.0	0.0	0.0
				57.00000	10.00000	68.24000	0.0	0.0	0.0
				58.00000	10.00000	68.24000	0.0	0.0	0.0
				59.00000	10.00000	68.24000	0.0	0.0	0.0
				60.00000	10.00000	68.24000	0.0	0.0	0.0
				61.00000	10.00000	68.24000	0.0	0.0	0.0
				62.00000	10.00000	68.24000	0.0	0.0	0.0
				63.00000	10.00000	68.24000	0.0	0.0	0.0
				64.00000	10.00000	68.24000	0.0	0.0	0.0
				65.00000	10.00000	68.24000	0.0	0.0	0.0
				66.00000	10.00000	68.24000	0.0	0.0	0.0
				67.00000	10.00000	68.24000	0.0	0.0	0.0
				68.00000	10.00000	68.24000	0.0	0.0	0.0
				69.00000	10.00000	68.24000	0.0	0.0	0.0
				70.00000	10.00000	68.24000	0.0	0.0	0.0
				71.00000	10.00000	68.24000	0.0	0.0	0.0
				72.00000	10.00000	68.24000	0.0	0.0	0.0
				73.00000	10.00000	68.24000	0.0	0.0	0.0
				74.00000	10.00000	68.24000	0.0	0.0	0.0
				75.00000	10.00000	68.24000	0.0	0.0	0.0
				76.00000	10.00000	68.24000	0.0	0.0	0.0
				77.00000	10.00000	68.24000	0.0	0.0	0.0
				78.00000	10.00000	68.24000	0.0	0.0	0.0
				79.00000	10.00000	68.24000	0.0	0.0	0.0
				80.00000	10.00000	68.24000	0.0	0.0	0.0
				81.00000	10.00000	68.24000	0.0	0.0	0.0
				82.00000	10.00000	68.24000	0.0	0.0	0.0
				83.00000	10.00000	68.24000	0.0	0.0	0.0
				84.00000	10.00000	68.24000	0.0	0.0	0.0
				85.00000	10.00000	68.24000	0.0	0.0	0.0
				86.00000	10.00000	68.24000	0.0	0.0	0.0
				87.00000	10.00000	68.24000	0.0	0.0	0.0
				88.00000	10.00000	68.24000	0.0	0.0	0.0
				89.00000	10.00000	68.24000	0.0	0.0	0.0
				90.00000	10.00000	68.24000	0.0	0.0	0.0
				91.00000	10.00000	68.24000	0.0	0.0	0.0
				92.00000	10.00000	68.24000	0.0	0.0	0.0
				93.00000	10.00000	68.24000	0.0	0.0	0.0
				94.00000	10.00000	68.24000	0.0	0.0	0.0
				95.00000	10.00000	68.24000	0.0	0.0	0.0
				96.00000	10.00000	68.24000	0.0	0.0	0.0
				97.00000	10.00000	68.24000	0.0	0.0	0.0
				98.00000	10.00000	68.24000	0.0	0.0	0.0
				99.00000	10.00000	68.24000	0.0	0.0	0.0
				100.00000	10.00000	68.24000	0.0	0.0	0.0
				0.00000	11.00000	68.24000	0.0	0.0	0.0
				1.00000	11.00000	68.24000	0.0	0.0	0.0
				2.00000	11.00000	68.24000	0.0	0.0	0.0
				3.00000	11.00000	68.24000	0.0	0.0	0.0
				4.00000	11.00000	68.24000	0.0	0.0	0.0
				5.00000	11.00000	68.24000	0.0	0.0	0.0
				6.00000	11.00000	68.24000	0.0	0.0	0.0
				7.00000	11.00000	68.24000	0.0	0.0	0.0
				8.00000	11.00000	68.24000	0.0	0.0	0.0
				9.00000	11.00000	68.24000	0.0	0.0	0.0
				10.00000	11.00000	68.24000	0.0	0.0	0.0
				11.00000	11.00000	68.24000	0.0	0.0	0.0
				12.00000	11.00000	68.24000	0.0	0.0	0.0
				13.00000	11.00000	68.24000	0.0	0.0	0.0
				14.00000	11.00000	68.24000	0.0	0.0	0.0
				15.00000	11.00000	68.24000	0.0	0.0	0.0
				16.00000	11.00000	68.24000	0.0	0.0	0.0
				17.00000	11.00000	68.24000	0.0	0.0	0.0
				18.00000	11.00000	68.24000	0.0	0.0	0.0
				19.00000	11.00000	68.24000	0.0	0.0	0.0
				20.00000	11.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
21.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
22.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
23.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
24.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
25.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
26.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
27.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
28.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
29.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
30.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
31.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
32.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
33.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
34.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
35.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
36.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
37.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
38.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
39.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
40.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
41.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
42.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
43.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
44.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
45.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
46.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
47.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
48.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
49.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
50.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
51.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
52.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
53.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
54.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
79.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
80.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
81.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
82.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
83.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
84.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
85.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
86.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
87.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
88.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
89.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
90.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
91.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
92.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
93.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
94.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
95.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
96.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
97.00000	11.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
98.00000		11.00000		68.24000			0.0	0.0	0.0
99.00000		11.00000		68.24000			0.0	0.0	0.0
100.00000		11.00000		68.24000			0.0	0.0	0.0
0.00000		12.00000		68.24000			0.0	0.0	0.0
1.00000		12.00000		68.24000			0.0	0.0	0.0
2.00000		12.00000		68.24000			0.0	0.0	0.0
3.00000		12.00000		68.24000			0.0	0.0	0.0
4.00000		12.00000		68.24000			0.0	0.0	0.0
5.00000		12.00000		68.24000			0.0	0.0	0.0
6.00000		12.00000		68.24000			0.0	0.0	0.0
7.00000		12.00000		68.24000			0.0	0.0	0.0
8.00000		12.00000		68.24000			0.0	0.0	0.0
9.00000		12.00000		68.24000			0.0	0.0	0.0
10.00000		12.00000		68.24000			0.0	0.0	0.0
11.00000		12.00000		68.24000			0.0	0.0	0.0
12.00000		12.00000		68.24000			0.0	0.0	0.0
13.00000		12.00000		68.24000			0.0	0.0	0.0
14.00000		12.00000		68.24000			0.0	0.0	0.0
15.00000		12.00000		68.24000			0.0	0.0	0.0
16.00000		12.00000		68.24000			0.0	0.0	0.0
17.00000		12.00000		68.24000			0.0	0.0	0.0
18.00000		12.00000		68.24000			0.0	0.0	0.0
19.00000		12.00000		68.24000			0.0	0.0	0.0
20.00000		12.00000		68.24000			0.0	0.0	0.0
21.00000		12.00000		68.24000			0.0	0.0	0.0
22.00000		12.00000		68.24000			0.0	0.0	0.0
23.00000		12.00000		68.24000			0.0	0.0	0.0
24.00000		12.00000		68.24000			0.0	0.0	0.0
25.00000		12.00000		68.24000			0.0	0.0	0.0
26.00000		12.00000		68.24000			0.0	0.0	0.0
27.00000		12.00000		68.24000			0.0	0.0	0.0
28.00000		12.00000		68.24000			0.0	0.0	0.0
29.00000		12.00000		68.24000			0.0	0.0	0.0
30.00000		12.00000		68.24000			0.0	0.0	0.0
31.00000		12.00000		68.24000			0.0	0.0	0.0
32.00000		12.00000		68.24000			0.0	0.0	0.0
33.00000		12.00000		68.24000			0.0	0.0	0.0
34.00000		12.00000		68.24000			0.0	0.0	0.0
35.00000		12.00000		68.24000			0.0	0.0	0.0
36.00000		12.00000		68.24000			0.0	0.0	0.0
37.00000		12.00000		68.24000			0.0	0.0	0.0
38.00000		12.00000		68.24000			0.0	0.0	0.0
39.00000		12.00000		68.24000			0.0	0.0	0.0
40.00000		12.00000		68.24000			0.0	0.0	0.0
41.00000		12.00000		68.24000			0.0	0.0	0.0
42.00000		12.00000		68.24000			0.0	0.0	0.0
43.00000		12.00000		68.24000			0.0	0.0	0.0
44.00000		12.00000		68.24000			0.0	0.0	0.0
45.00000		12.00000		68.24000			0.0	0.0	0.0
46.00000		12.00000		68.24000			0.0	0.0	0.0
47.00000		12.00000		68.24000			0.0	0.0	0.0
48.00000		12.00000		68.24000			0.0	0.0	0.0
49.00000		12.00000		68.24000			0.0	0.0	0.0
50.00000		12.00000		68.24000			0.0	0.0	0.0
51.00000		12.00000		68.24000			0.0	0.0	0.0
52.00000		12.00000		68.24000			0.0	0.0	0.0
53.00000		12.00000		68.24000			0.0	0.0	0.0
54.00000		12.00000		68.24000			0.0	0.0	0.0
55.00000		12.00000		68.24000			0.0	0.0	0.0
56.00000		12.00000		68.24000			0.0	0.0	0.0
57.00000		12.00000		68.24000			0.0	0.0	0.0
58.00000		12.00000		68.24000			0.0	0.0	0.0
59.00000		12.00000		68.24000			0.0	0.0	0.0
60.00000		12.00000		68.24000			0.0	0.0	0.0
61.00000		12.00000		68.24000			0.0	0.0	0.0
62.00000		12.00000		68.24000			0.0	0.0	0.0
63.00000		12.00000		68.24000			0.0	0.0	0.0
64.00000		12.00000		68.24000			0.0	0.0	0.0
65.00000		12.00000		68.24000			0.0	0.0	0.0
66.00000		12.00000		68.24000			0.0	0.0	0.0
67.00000		12.00000		68.24000			0.0	0.0	0.0
68.00000		12.00000		68.24000			0.0	0.0	0.0
69.00000		12.00000		68.24000			0.0	0.0	0.0
70.00000		12.00000		68.24000			0.0	0.0	0.0
71.00000		12.00000		68.24000			0.0	0.0	0.0
72.00000		12.00000		68.24000			0.0	0.0	0.0
73.00000		12.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				74.00000	12.00000	68.24000	0.0	0.0	0.0
				75.00000	12.00000	68.24000	0.0	0.0	0.0
				76.00000	12.00000	68.24000	0.0	0.0	0.0
				77.00000	12.00000	68.24000	0.0	0.0	0.0
				78.00000	12.00000	68.24000	0.0	0.0	0.0
				79.00000	12.00000	68.24000	0.0	0.0	0.0
				80.00000	12.00000	68.24000	0.0	0.0	0.0
				81.00000	12.00000	68.24000	0.0	0.0	0.0
				82.00000	12.00000	68.24000	0.0	0.0	0.0
				83.00000	12.00000	68.24000	0.0	0.0	0.0
				84.00000	12.00000	68.24000	0.0	0.0	0.0
				85.00000	12.00000	68.24000	0.0	0.0	0.0
				86.00000	12.00000	68.24000	0.0	0.0	0.0
				87.00000	12.00000	68.24000	0.0	0.0	0.0
				88.00000	12.00000	68.24000	0.0	0.0	0.0
				89.00000	12.00000	68.24000	0.0	0.0	0.0
				90.00000	12.00000	68.24000	0.0	0.0	0.0
				91.00000	12.00000	68.24000	0.0	0.0	0.0
				92.00000	12.00000	68.24000	0.0	0.0	0.0
				93.00000	12.00000	68.24000	0.0	0.0	0.0
				94.00000	12.00000	68.24000	0.0	0.0	0.0
				95.00000	12.00000	68.24000	0.0	0.0	0.0
				96.00000	12.00000	68.24000	0.0	0.0	0.0
				97.00000	12.00000	68.24000	0.0	0.0	0.0
				98.00000	12.00000	68.24000	0.0	0.0	0.0
				99.00000	12.00000	68.24000	0.0	0.0	0.0
				100.00000	12.00000	68.24000	0.0	0.0	0.0
				0.00000	13.00000	68.24000	0.0	0.0	0.0
				1.00000	13.00000	68.24000	0.0	0.0	0.0
				2.00000	13.00000	68.24000	0.0	0.0	0.0
				3.00000	13.00000	68.24000	0.0	0.0	0.0
				4.00000	13.00000	68.24000	0.0	0.0	0.0
				5.00000	13.00000	68.24000	0.0	0.0	0.0
				6.00000	13.00000	68.24000	0.0	0.0	0.0
				7.00000	13.00000	68.24000	0.0	0.0	0.0
				8.00000	13.00000	68.24000	0.0	0.0	0.0
				9.00000	13.00000	68.24000	0.0	0.0	0.0
				10.00000	13.00000	68.24000	0.0	0.0	0.0
				11.00000	13.00000	68.24000	0.0	0.0	0.0
				12.00000	13.00000	68.24000	0.0	0.0	0.0
				13.00000	13.00000	68.24000	0.0	0.0	0.0
				14.00000	13.00000	68.24000	0.0	0.0	0.0
				15.00000	13.00000	68.24000	0.0	0.0	0.0
				16.00000	13.00000	68.24000	0.0	0.0	0.0
				17.00000	13.00000	68.24000	0.0	0.0	0.0
				18.00000	13.00000	68.24000	0.0	0.0	0.0
				19.00000	13.00000	68.24000	0.0	0.0	0.0
				20.00000	13.00000	68.24000	0.0	0.0	0.0
				21.00000	13.00000	68.24000	0.0	0.0	0.0
				22.00000	13.00000	68.24000	0.0	0.0	0.0
				23.00000	13.00000	68.24000	0.0	0.0	0.0
				24.00000	13.00000	68.24000	0.0	0.0	0.0
				25.00000	13.00000	68.24000	0.0	0.0	0.0
				26.00000	13.00000	68.24000	0.0	0.0	0.0
				27.00000	13.00000	68.24000	0.0	0.0	0.0
				28.00000	13.00000	68.24000	0.0	0.0	0.0
				29.00000	13.00000	68.24000	0.0	0.0	0.0
				30.00000	13.00000	68.24000	0.0	0.0	0.0
				31.00000	13.00000	68.24000	0.0	0.0	0.0
				32.00000	13.00000	68.24000	0.0	0.0	0.0
				33.00000	13.00000	68.24000	0.0	0.0	0.0
				34.00000	13.00000	68.24000	0.0	0.0	0.0
				35.00000	13.00000	68.24000	0.0	0.0	0.0
				36.00000	13.00000	68.24000	0.0	0.0	0.0
				37.00000	13.00000	68.24000	0.0	0.0	0.0
				38.00000	13.00000	68.24000	0.0	0.0	0.0
				39.00000	13.00000	68.24000	0.0	0.0	0.0
				40.00000	13.00000	68.24000	0.0	0.0	0.0
				41.00000	13.00000	68.24000	0.0	0.0	0.0
				42.00000	13.00000	68.24000	0.0	0.0	0.0
				43.00000	13.00000	68.24000	0.0	0.0	0.0
				44.00000	13.00000	68.24000	0.0	0.0	0.0
				45.00000	13.00000	68.24000	0.0	0.0	0.0
				46.00000	13.00000	68.24000	0.0	0.0	0.0
				47.00000	13.00000	68.24000	0.0	0.0	0.0
				48.00000	13.00000	68.24000	0.0	0.0	0.0
				49.00000	13.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				50.00000	13.00000	68.24000	0.0	0.0	0.0
				51.00000	13.00000	68.24000	0.0	0.0	0.0
				52.00000	13.00000	68.24000	0.0	0.0	0.0
				53.00000	13.00000	68.24000	0.0	0.0	0.0
				54.00000	13.00000	68.24000	0.0	0.0	0.0
				55.00000	13.00000	68.24000	0.0	0.0	0.0
				56.00000	13.00000	68.24000	0.0	0.0	0.0
				57.00000	13.00000	68.24000	0.0	0.0	0.0
				58.00000	13.00000	68.24000	0.0	0.0	0.0
				59.00000	13.00000	68.24000	0.0	0.0	0.0
				60.00000	13.00000	68.24000	0.0	0.0	0.0
				61.00000	13.00000	68.24000	0.0	0.0	0.0
				62.00000	13.00000	68.24000	0.0	0.0	0.0
				63.00000	13.00000	68.24000	0.0	0.0	0.0
				64.00000	13.00000	68.24000	0.0	0.0	0.0
				65.00000	13.00000	68.24000	0.0	0.0	0.0
				66.00000	13.00000	68.24000	0.0	0.0	0.0
				67.00000	13.00000	68.24000	0.0	0.0	0.0
				68.00000	13.00000	68.24000	0.0	0.0	0.0
				69.00000	13.00000	68.24000	0.0	0.0	0.0
				70.00000	13.00000	68.24000	0.0	0.0	0.0
				71.00000	13.00000	68.24000	0.0	0.0	0.0
				72.00000	13.00000	68.24000	0.0	0.0	0.0
				73.00000	13.00000	68.24000	0.0	0.0	0.0
				74.00000	13.00000	68.24000	0.0	0.0	0.0
				75.00000	13.00000	68.24000	0.0	0.0	0.0
				76.00000	13.00000	68.24000	0.0	0.0	0.0
				77.00000	13.00000	68.24000	0.0	0.0	0.0
				78.00000	13.00000	68.24000	0.0	0.0	0.0
				79.00000	13.00000	68.24000	0.0	0.0	0.0
				80.00000	13.00000	68.24000	0.0	0.0	0.0
				81.00000	13.00000	68.24000	0.0	0.0	0.0
				82.00000	13.00000	68.24000	0.0	0.0	0.0
				83.00000	13.00000	68.24000	0.0	0.0	0.0
				84.00000	13.00000	68.24000	0.0	0.0	0.0
				85.00000	13.00000	68.24000	0.0	0.0	0.0
				86.00000	13.00000	68.24000	0.0	0.0	0.0
				87.00000	13.00000	68.24000	0.0	0.0	0.0
				88.00000	13.00000	68.24000	0.0	0.0	0.0
				89.00000	13.00000	68.24000	0.0	0.0	0.0
				90.00000	13.00000	68.24000	0.0	0.0	0.0
				91.00000	13.00000	68.24000	0.0	0.0	0.0
				92.00000	13.00000	68.24000	0.0	0.0	0.0
				93.00000	13.00000	68.24000	0.0	0.0	0.0
				94.00000	13.00000	68.24000	0.0	0.0	0.0
				95.00000	13.00000	68.24000	0.0	0.0	0.0
				96.00000	13.00000	68.24000	0.0	0.0	0.0
				97.00000	13.00000	68.24000	0.0	0.0	0.0
				98.00000	13.00000	68.24000	0.0	0.0	0.0
				99.00000	13.00000	68.24000	0.0	0.0	0.0
				100.00000	13.00000	68.24000	0.0	0.0	0.0
				0.00000	14.00000	68.24000	0.0	0.0	0.0
				1.00000	14.00000	68.24000	0.0	0.0	0.0
				2.00000	14.00000	68.24000	0.0	0.0	0.0
				3.00000	14.00000	68.24000	0.0	0.0	0.0
				4.00000	14.00000	68.24000	0.0	0.0	0.0
				5.00000	14.00000	68.24000	0.0	0.0	0.0
				6.00000	14.00000	68.24000	0.0	0.0	0.0
				7.00000	14.00000	68.24000	0.0	0.0	0.0
				8.00000	14.00000	68.24000	0.0	0.0	0.0
				9.00000	14.00000	68.24000	0.0	0.0	0.0
				10.00000	14.00000	68.24000	0.0	0.0	0.0
				11.00000	14.00000	68.24000	0.0	0.0	0.0
				12.00000	14.00000	68.24000	0.0	0.0	0.0
				13.00000	14.00000	68.24000	0.0	0.0	0.0
				14.00000	14.00000	68.24000	0.0	0.0	0.0
				15.00000	14.00000	68.24000	0.0	0.0	0.0
				16.00000	14.00000	68.24000	0.0	0.0	0.0
				17.00000	14.00000	68.24000	0.0	0.0	0.0
				18.00000	14.00000	68.24000	0.0	0.0	0.0
				19.00000	14.00000	68.24000	0.0	0.0	0.0
				20.00000	14.00000	68.24000	0.0	0.0	0.0
				21.00000	14.00000	68.24000	0.0	0.0	0.0
				22.00000	14.00000	68.24000	0.0	0.0	0.0
				23.00000	14.00000	68.24000	0.0	0.0	0.0
				24.00000	14.00000	68.24000	0.0	0.0	0.0
				25.00000	14.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				26.00000	14.00000	68.24000	0.0	0.0	0.0
				27.00000	14.00000	68.24000	0.0	0.0	0.0
				28.00000	14.00000	68.24000	0.0	0.0	0.0
				29.00000	14.00000	68.24000	0.0	0.0	0.0
				30.00000	14.00000	68.24000	0.0	0.0	0.0
				31.00000	14.00000	68.24000	0.0	0.0	0.0
				32.00000	14.00000	68.24000	0.0	0.0	0.0
				33.00000	14.00000	68.24000	0.0	0.0	0.0
				34.00000	14.00000	68.24000	0.0	0.0	0.0
				35.00000	14.00000	68.24000	0.0	0.0	0.0
				36.00000	14.00000	68.24000	0.0	0.0	0.0
				37.00000	14.00000	68.24000	0.0	0.0	0.0
				38.00000	14.00000	68.24000	0.0	0.0	0.0
				39.00000	14.00000	68.24000	0.0	0.0	0.0
				40.00000	14.00000	68.24000	0.0	0.0	0.0
				41.00000	14.00000	68.24000	0.0	0.0	0.0
				42.00000	14.00000	68.24000	0.0	0.0	0.0
				43.00000	14.00000	68.24000	0.0	0.0	0.0
				44.00000	14.00000	68.24000	0.0	0.0	0.0
				45.00000	14.00000	68.24000	0.0	0.0	0.0
				46.00000	14.00000	68.24000	0.0	0.0	0.0
				47.00000	14.00000	68.24000	0.0	0.0	0.0
				48.00000	14.00000	68.24000	0.0	0.0	0.0
				49.00000	14.00000	68.24000	0.0	0.0	0.0
				50.00000	14.00000	68.24000	0.0	0.0	0.0
				51.00000	14.00000	68.24000	0.0	0.0	0.0
				52.00000	14.00000	68.24000	0.0	0.0	0.0
				53.00000	14.00000	68.24000	0.0	0.0	0.0
				54.00000	14.00000	68.24000	0.0	0.0	0.0
				55.00000	14.00000	68.24000	0.0	0.0	0.0
				56.00000	14.00000	68.24000	0.0	0.0	0.0
				57.00000	14.00000	68.24000	0.0	0.0	0.0
				58.00000	14.00000	68.24000	0.0	0.0	0.0
				59.00000	14.00000	68.24000	0.0	0.0	0.0
				60.00000	14.00000	68.24000	0.0	0.0	0.0
				61.00000	14.00000	68.24000	0.0	0.0	0.0
				62.00000	14.00000	68.24000	0.0	0.0	0.0
				63.00000	14.00000	68.24000	0.0	0.0	0.0
				64.00000	14.00000	68.24000	0.0	0.0	0.0
				65.00000	14.00000	68.24000	0.0	0.0	0.0
				66.00000	14.00000	68.24000	0.0	0.0	0.0
				67.00000	14.00000	68.24000	0.0	0.0	0.0
				68.00000	14.00000	68.24000	0.0	0.0	0.0
				69.00000	14.00000	68.24000	0.0	0.0	0.0
				70.00000	14.00000	68.24000	0.0	0.0	0.0
				71.00000	14.00000	68.24000	0.0	0.0	0.0
				72.00000	14.00000	68.24000	0.0	0.0	0.0
				73.00000	14.00000	68.24000	0.0	0.0	0.0
				74.00000	14.00000	68.24000	0.0	0.0	0.0
				75.00000	14.00000	68.24000	0.0	0.0	0.0
				76.00000	14.00000	68.24000	0.0	0.0	0.0
				77.00000	14.00000	68.24000	0.0	0.0	0.0
				78.00000	14.00000	68.24000	0.0	0.0	0.0
				79.00000	14.00000	68.24000	0.0	0.0	0.0
				80.00000	14.00000	68.24000	0.0	0.0	0.0
				81.00000	14.00000	68.24000	0.0	0.0	0.0
				82.00000	14.00000	68.24000	0.0	0.0	0.0
				83.00000	14.00000	68.24000	0.0	0.0	0.0
				84.00000	14.00000	68.24000	0.0	0.0	0.0
				85.00000	14.00000	68.24000	0.0	0.0	0.0
				86.00000	14.00000	68.24000	0.0	0.0	0.0
				87.00000	14.00000	68.24000	0.0	0.0	0.0
				88.00000	14.00000	68.24000	0.0	0.0	0.0
				89.00000	14.00000	68.24000	0.0	0.0	0.0
				90.00000	14.00000	68.24000	0.0	0.0	0.0
				91.00000	14.00000	68.24000	0.0	0.0	0.0
				92.00000	14.00000	68.24000	0.0	0.0	0.0
				93.00000	14.00000	68.24000	0.0	0.0	0.0
				94.00000	14.00000	68.24000	0.0	0.0	0.0
				95.00000	14.00000	68.24000	0.0	0.0	0.0
				96.00000	14.00000	68.24000	0.0	0.0	0.0
				97.00000	14.00000	68.24000	0.0	0.0	0.0
				98.00000	14.00000	68.24000	0.0	0.0	0.0
				99.00000	14.00000	68.24000	0.0	0.0	0.0
				100.00000	14.00000	68.24000	0.0	0.0	0.0
				0.00000	15.00000	68.24000	0.0	0.0	0.0
				1.00000	15.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				2.00000	15.00000	68.24000	0.0	0.0	0.0
				3.00000	15.00000	68.24000	0.0	0.0	0.0
				4.00000	15.00000	68.24000	0.0	0.0	0.0
				5.00000	15.00000	68.24000	0.0	0.0	0.0
				6.00000	15.00000	68.24000	0.0	0.0	0.0
				7.00000	15.00000	68.24000	0.0	0.0	0.0
				8.00000	15.00000	68.24000	0.0	0.0	0.0
				9.00000	15.00000	68.24000	0.0	0.0	0.0
				10.00000	15.00000	68.24000	0.0	0.0	0.0
				11.00000	15.00000	68.24000	0.0	0.0	0.0
				12.00000	15.00000	68.24000	0.0	0.0	0.0
				13.00000	15.00000	68.24000	0.0	0.0	0.0
				14.00000	15.00000	68.24000	0.0	0.0	0.0
				15.00000	15.00000	68.24000	0.0	0.0	0.0
				16.00000	15.00000	68.24000	0.0	0.0	0.0
				17.00000	15.00000	68.24000	0.0	0.0	0.0
				18.00000	15.00000	68.24000	0.0	0.0	0.0
				19.00000	15.00000	68.24000	0.0	0.0	0.0
				20.00000	15.00000	68.24000	0.0	0.0	0.0
				21.00000	15.00000	68.24000	0.0	0.0	0.0
				22.00000	15.00000	68.24000	0.0	0.0	0.0
				23.00000	15.00000	68.24000	0.0	0.0	0.0
				24.00000	15.00000	68.24000	0.0	0.0	0.0
				25.00000	15.00000	68.24000	0.0	0.0	0.0
				26.00000	15.00000	68.24000	0.0	0.0	0.0
				27.00000	15.00000	68.24000	0.0	0.0	0.0
				28.00000	15.00000	68.24000	0.0	0.0	0.0
				29.00000	15.00000	68.24000	0.0	0.0	0.0
				30.00000	15.00000	68.24000	0.0	0.0	0.0
				31.00000	15.00000	68.24000	0.0	0.0	0.0
				32.00000	15.00000	68.24000	0.0	0.0	0.0
				33.00000	15.00000	68.24000	0.0	0.0	0.0
				34.00000	15.00000	68.24000	0.0	0.0	0.0
				35.00000	15.00000	68.24000	0.0	0.0	0.0
				36.00000	15.00000	68.24000	0.0	0.0	0.0
				37.00000	15.00000	68.24000	0.0	0.0	0.0
				38.00000	15.00000	68.24000	0.0	0.0	0.0
				39.00000	15.00000	68.24000	0.0	0.0	0.0
				40.00000	15.00000	68.24000	0.0	0.0	0.0
				41.00000	15.00000	68.24000	0.0	0.0	0.0
				42.00000	15.00000	68.24000	0.0	0.0	0.0
				43.00000	15.00000	68.24000	0.0	0.0	0.0
				44.00000	15.00000	68.24000	0.0	0.0	0.0
				45.00000	15.00000	68.24000	0.0	0.0	0.0
				46.00000	15.00000	68.24000	0.0	0.0	0.0
				47.00000	15.00000	68.24000	0.0	0.0	0.0
				48.00000	15.00000	68.24000	0.0	0.0	0.0
				49.00000	15.00000	68.24000	0.0	0.0	0.0
				50.00000	15.00000	68.24000	0.0	0.0	0.0
				51.00000	15.00000	68.24000	0.0	0.0	0.0
				52.00000	15.00000	68.24000	0.0	0.0	0.0
				53.00000	15.00000	68.24000	0.0	0.0	0.0
				54.00000	15.00000	68.24000	0.0	0.0	0.0
				55.00000	15.00000	68.24000	0.0	0.0	0.0
				56.00000	15.00000	68.24000	0.0	0.0	0.0
				57.00000	15.00000	68.24000	0.0	0.0	0.0
				58.00000	15.00000	68.24000	0.0	0.0	0.0
				59.00000	15.00000	68.24000	0.0	0.0	0.0
				60.00000	15.00000	68.24000	0.0	0.0	0.0
				61.00000	15.00000	68.24000	0.0	0.0	0.0
				62.00000	15.00000	68.24000	0.0	0.0	0.0
				63.00000	15.00000	68.24000	0.0	0.0	0.0
				64.00000	15.00000	68.24000	0.0	0.0	0.0
				65.00000	15.00000	68.24000	0.0	0.0	0.0
				66.00000	15.00000	68.24000	0.0	0.0	0.0
				67.00000	15.00000	68.24000	0.0	0.0	0.0
				68.00000	15.00000	68.24000	0.0	0.0	0.0
				69.00000	15.00000	68.24000	0.0	0.0	0.0
				70.00000	15.00000	68.24000	0.0	0.0	0.0
				71.00000	15.00000	68.24000	0.0	0.0	0.0
				72.00000	15.00000	68.24000	0.0	0.0	0.0
				73.00000	15.00000	68.24000	0.0	0.0	0.0
				74.00000	15.00000	68.24000	0.0	0.0	0.0
				75.00000	15.00000	68.24000	0.0	0.0	0.0
				76.00000	15.00000	68.24000	0.0	0.0	0.0
				77.00000	15.00000	68.24000	0.0	0.0	0.0
				78.00000	15.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				79.00000	15.00000	68.24000	0.0	0.0	0.0
				80.00000	15.00000	68.24000	0.0	0.0	0.0
				81.00000	15.00000	68.24000	0.0	0.0	0.0
				82.00000	15.00000	68.24000	0.0	0.0	0.0
				83.00000	15.00000	68.24000	0.0	0.0	0.0
				84.00000	15.00000	68.24000	0.0	0.0	0.0
				85.00000	15.00000	68.24000	0.0	0.0	0.0
				86.00000	15.00000	68.24000	0.0	0.0	0.0
				87.00000	15.00000	68.24000	0.0	0.0	0.0
				88.00000	15.00000	68.24000	0.0	0.0	0.0
				89.00000	15.00000	68.24000	0.0	0.0	0.0
				90.00000	15.00000	68.24000	0.0	0.0	0.0
				91.00000	15.00000	68.24000	0.0	0.0	0.0
				92.00000	15.00000	68.24000	0.0	0.0	0.0
				93.00000	15.00000	68.24000	0.0	0.0	0.0
				94.00000	15.00000	68.24000	0.0	0.0	0.0
				95.00000	15.00000	68.24000	0.0	0.0	0.0
				96.00000	15.00000	68.24000	0.0	0.0	0.0
				97.00000	15.00000	68.24000	0.0	0.0	0.0
				98.00000	15.00000	68.24000	0.0	0.0	0.0
				99.00000	15.00000	68.24000	0.0	0.0	0.0
				100.00000	15.00000	68.24000	0.0	0.0	0.0
				0.00000	16.00000	68.24000	0.0	0.0	0.0
				1.00000	16.00000	68.24000	0.0	0.0	0.0
				2.00000	16.00000	68.24000	0.0	0.0	0.0
				3.00000	16.00000	68.24000	0.0	0.0	0.0
				4.00000	16.00000	68.24000	0.0	0.0	0.0
				5.00000	16.00000	68.24000	0.0	0.0	0.0
				6.00000	16.00000	68.24000	0.0	0.0	0.0
				7.00000	16.00000	68.24000	0.0	0.0	0.0
				8.00000	16.00000	68.24000	0.0	0.0	0.0
				9.00000	16.00000	68.24000	0.0	0.0	0.0
				10.00000	16.00000	68.24000	0.0	0.0	0.0
				11.00000	16.00000	68.24000	0.0	0.0	0.0
				12.00000	16.00000	68.24000	0.0	0.0	0.0
				13.00000	16.00000	68.24000	0.0	0.0	0.0
				14.00000	16.00000	68.24000	0.0	0.0	0.0
				15.00000	16.00000	68.24000	0.0	0.0	0.0
				16.00000	16.00000	68.24000	0.0	0.0	0.0
				17.00000	16.00000	68.24000	0.0	0.0	0.0
				18.00000	16.00000	68.24000	0.0	0.0	0.0
				19.00000	16.00000	68.24000	0.0	0.0	0.0
				20.00000	16.00000	68.24000	0.0	0.0	0.0
				21.00000	16.00000	68.24000	0.0	0.0	0.0
				22.00000	16.00000	68.24000	0.0	0.0	0.0
				23.00000	16.00000	68.24000	0.0	0.0	0.0
				24.00000	16.00000	68.24000	0.0	0.0	0.0
				25.00000	16.00000	68.24000	0.0	0.0	0.0
				26.00000	16.00000	68.24000	0.0	0.0	0.0
				27.00000	16.00000	68.24000	0.0	0.0	0.0
				28.00000	16.00000	68.24000	0.0	0.0	0.0
				29.00000	16.00000	68.24000	0.0	0.0	0.0
				30.00000	16.00000	68.24000	0.0	0.0	0.0
				31.00000	16.00000	68.24000	0.0	0.0	0.0
				32.00000	16.00000	68.24000	0.0	0.0	0.0
				33.00000	16.00000	68.24000	0.0	0.0	0.0
				34.00000	16.00000	68.24000	0.0	0.0	0.0
				35.00000	16.00000	68.24000	0.0	0.0	0.0
				36.00000	16.00000	68.24000	0.0	0.0	0.0
				37.00000	16.00000	68.24000	0.0	0.0	0.0
				38.00000	16.00000	68.24000	0.0	0.0	0.0
				39.00000	16.00000	68.24000	0.0	0.0	0.0
				40.00000	16.00000	68.24000	0.0	0.0	0.0
				41.00000	16.00000	68.24000	0.0	0.0	0.0
				42.00000	16.00000	68.24000	0.0	0.0	0.0
				43.00000	16.00000	68.24000	0.0	0.0	0.0
				44.00000	16.00000	68.24000	0.0	0.0	0.0
				45.00000	16.00000	68.24000	0.0	0.0	0.0
				46.00000	16.00000	68.24000	0.0	0.0	0.0
				47.00000	16.00000	68.24000	0.0	0.0	0.0
				48.00000	16.00000	68.24000	0.0	0.0	0.0
				49.00000	16.00000	68.24000	0.0	0.0	0.0
				50.00000	16.00000	68.24000	0.0	0.0	0.0
				51.00000	16.00000	68.24000	0.0	0.0	0.0
				52.00000	16.00000	68.24000	0.0	0.0	0.0
				53.00000	16.00000	68.24000	0.0	0.0	0.0
				54.00000	16.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				55.00000	16.00000	68.24000	0.0	0.0	0.0
				56.00000	16.00000	68.24000	0.0	0.0	0.0
				57.00000	16.00000	68.24000	0.0	0.0	0.0
				58.00000	16.00000	68.24000	0.0	0.0	0.0
				59.00000	16.00000	68.24000	0.0	0.0	0.0
				60.00000	16.00000	68.24000	0.0	0.0	0.0
				61.00000	16.00000	68.24000	0.0	0.0	0.0
				62.00000	16.00000	68.24000	0.0	0.0	0.0
				63.00000	16.00000	68.24000	0.0	0.0	0.0
				64.00000	16.00000	68.24000	0.0	0.0	0.0
				65.00000	16.00000	68.24000	0.0	0.0	0.0
				66.00000	16.00000	68.24000	0.0	0.0	0.0
				67.00000	16.00000	68.24000	0.0	0.0	0.0
				68.00000	16.00000	68.24000	0.0	0.0	0.0
				69.00000	16.00000	68.24000	0.0	0.0	0.0
				70.00000	16.00000	68.24000	0.0	0.0	0.0
				71.00000	16.00000	68.24000	0.0	0.0	0.0
				72.00000	16.00000	68.24000	0.0	0.0	0.0
				73.00000	16.00000	68.24000	0.0	0.0	0.0
				74.00000	16.00000	68.24000	0.0	0.0	0.0
				75.00000	16.00000	68.24000	0.0	0.0	0.0
				76.00000	16.00000	68.24000	0.0	0.0	0.0
				77.00000	16.00000	68.24000	0.0	0.0	0.0
				78.00000	16.00000	68.24000	0.0	0.0	0.0
				79.00000	16.00000	68.24000	0.0	0.0	0.0
				80.00000	16.00000	68.24000	0.0	0.0	0.0
				81.00000	16.00000	68.24000	0.0	0.0	0.0
				82.00000	16.00000	68.24000	0.0	0.0	0.0
				83.00000	16.00000	68.24000	0.0	0.0	0.0
				84.00000	16.00000	68.24000	0.0	0.0	0.0
				85.00000	16.00000	68.24000	0.0	0.0	0.0
				86.00000	16.00000	68.24000	0.0	0.0	0.0
				87.00000	16.00000	68.24000	0.0	0.0	0.0
				88.00000	16.00000	68.24000	0.0	0.0	0.0
				89.00000	16.00000	68.24000	0.0	0.0	0.0
				90.00000	16.00000	68.24000	0.0	0.0	0.0
				91.00000	16.00000	68.24000	0.0	0.0	0.0
				92.00000	16.00000	68.24000	0.0	0.0	0.0
				93.00000	16.00000	68.24000	0.0	0.0	0.0
				94.00000	16.00000	68.24000	0.0	0.0	0.0
				95.00000	16.00000	68.24000	0.0	0.0	0.0
				96.00000	16.00000	68.24000	0.0	0.0	0.0
				97.00000	16.00000	68.24000	0.0	0.0	0.0
				98.00000	16.00000	68.24000	0.0	0.0	0.0
				99.00000	16.00000	68.24000	0.0	0.0	0.0
				100.00000	16.00000	68.24000	0.0	0.0	0.0
				0.00000	17.00000	68.24000	0.0	0.0	0.0
				1.00000	17.00000	68.24000	0.0	0.0	0.0
				2.00000	17.00000	68.24000	0.0	0.0	0.0
				3.00000	17.00000	68.24000	0.0	0.0	0.0
				4.00000	17.00000	68.24000	0.0	0.0	0.0
				5.00000	17.00000	68.24000	0.0	0.0	0.0
				6.00000	17.00000	68.24000	0.0	0.0	0.0
				7.00000	17.00000	68.24000	0.0	0.0	0.0
				8.00000	17.00000	68.24000	0.0	0.0	0.0
				9.00000	17.00000	68.24000	0.0	0.0	0.0
				10.00000	17.00000	68.24000	0.0	0.0	0.0
				11.00000	17.00000	68.24000	0.0	0.0	0.0
				12.00000	17.00000	68.24000	0.0	0.0	0.0
				13.00000	17.00000	68.24000	0.0	0.0	0.0
				14.00000	17.00000	68.24000	0.0	0.0	0.0
				15.00000	17.00000	68.24000	0.0	0.0	0.0
				16.00000	17.00000	68.24000	0.0	0.0	0.0
				17.00000	17.00000	68.24000	0.0	0.0	0.0
				18.00000	17.00000	68.24000	0.0	0.0	0.0
				19.00000	17.00000	68.24000	0.0	0.0	0.0
				20.00000	17.00000	68.24000	0.0	0.0	0.0
				21.00000	17.00000	68.24000	0.0	0.0	0.0
				22.00000	17.00000	68.24000	0.0	0.0	0.0
				23.00000	17.00000	68.24000	0.0	0.0	0.0
				24.00000	17.00000	68.24000	0.0	0.0	0.0
				25.00000	17.00000	68.24000	0.0	0.0	0.0
				26.00000	17.00000	68.24000	0.0	0.0	0.0
				27.00000	17.00000	68.24000	0.0	0.0	0.0
				28.00000	17.00000	68.24000	0.0	0.0	0.0
				29.00000	17.00000	68.24000	0.0	0.0	0.0
				30.00000	17.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				31.00000	17.00000	68.24000	0.0	0.0	0.0
				32.00000	17.00000	68.24000	0.0	0.0	0.0
				33.00000	17.00000	68.24000	0.0	0.0	0.0
				34.00000	17.00000	68.24000	0.0	0.0	0.0
				35.00000	17.00000	68.24000	0.0	0.0	0.0
				36.00000	17.00000	68.24000	0.0	0.0	0.0
				37.00000	17.00000	68.24000	0.0	0.0	0.0
				38.00000	17.00000	68.24000	0.0	0.0	0.0
				39.00000	17.00000	68.24000	0.0	0.0	0.0
				40.00000	17.00000	68.24000	0.0	0.0	0.0
				41.00000	17.00000	68.24000	0.0	0.0	0.0
				42.00000	17.00000	68.24000	0.0	0.0	0.0
				43.00000	17.00000	68.24000	0.0	0.0	0.0
				44.00000	17.00000	68.24000	0.0	0.0	0.0
				45.00000	17.00000	68.24000	0.0	0.0	0.0
				46.00000	17.00000	68.24000	0.0	0.0	0.0
				47.00000	17.00000	68.24000	0.0	0.0	0.0
				48.00000	17.00000	68.24000	0.0	0.0	0.0
				49.00000	17.00000	68.24000	0.0	0.0	0.0
				50.00000	17.00000	68.24000	0.0	0.0	0.0
				51.00000	17.00000	68.24000	0.0	0.0	0.0
				52.00000	17.00000	68.24000	0.0	0.0	0.0
				53.00000	17.00000	68.24000	0.0	0.0	0.0
				54.00000	17.00000	68.24000	0.0	0.0	0.0
				55.00000	17.00000	68.24000	0.0	0.0	0.0
				56.00000	17.00000	68.24000	0.0	0.0	0.0
				57.00000	17.00000	68.24000	0.0	0.0	0.0
				58.00000	17.00000	68.24000	0.0	0.0	0.0
				59.00000	17.00000	68.24000	0.0	0.0	0.0
				60.00000	17.00000	68.24000	0.0	0.0	0.0
				61.00000	17.00000	68.24000	0.0	0.0	0.0
				62.00000	17.00000	68.24000	0.0	0.0	0.0
				63.00000	17.00000	68.24000	0.0	0.0	0.0
				64.00000	17.00000	68.24000	0.0	0.0	0.0
				65.00000	17.00000	68.24000	0.0	0.0	0.0
				66.00000	17.00000	68.24000	0.0	0.0	0.0
				67.00000	17.00000	68.24000	0.0	0.0	0.0
				68.00000	17.00000	68.24000	0.0	0.0	0.0
				69.00000	17.00000	68.24000	0.0	0.0	0.0
				70.00000	17.00000	68.24000	0.0	0.0	0.0
				71.00000	17.00000	68.24000	0.0	0.0	0.0
				72.00000	17.00000	68.24000	0.0	0.0	0.0
				73.00000	17.00000	68.24000	0.0	0.0	0.0
				74.00000	17.00000	68.24000	0.0	0.0	0.0
				75.00000	17.00000	68.24000	0.0	0.0	0.0
				76.00000	17.00000	68.24000	0.0	0.0	0.0
				77.00000	17.00000	68.24000	0.0	0.0	0.0
				78.00000	17.00000	68.24000	0.0	0.0	0.0
				79.00000	17.00000	68.24000	0.0	0.0	0.0
				80.00000	17.00000	68.24000	0.0	0.0	0.0
				81.00000	17.00000	68.24000	0.0	0.0	0.0
				82.00000	17.00000	68.24000	0.0	0.0	0.0
				83.00000	17.00000	68.24000	0.0	0.0	0.0
				84.00000	17.00000	68.24000	0.0	0.0	0.0
				85.00000	17.00000	68.24000	0.0	0.0	0.0
				86.00000	17.00000	68.24000	0.0	0.0	0.0
				87.00000	17.00000	68.24000	0.0	0.0	0.0
				88.00000	17.00000	68.24000	0.0	0.0	0.0
				89.00000	17.00000	68.24000	0.0	0.0	0.0
				90.00000	17.00000	68.24000	0.0	0.0	0.0
				91.00000	17.00000	68.24000	0.0	0.0	0.0
				92.00000	17.00000	68.24000	0.0	0.0	0.0
				93.00000	17.00000	68.24000	0.0	0.0	0.0
				94.00000	17.00000	68.24000	0.0	0.0	0.0
				95.00000	17.00000	68.24000	0.0	0.0	0.0
				96.00000	17.00000	68.24000	0.0	0.0	0.0
				97.00000	17.00000	68.24000	0.0	0.0	0.0
				98.00000	17.00000	68.24000	0.0	0.0	0.0
				99.00000	17.00000	68.24000	0.0	0.0	0.0
				100.00000	17.00000	68.24000	0.0	0.0	0.0
				0.00000	18.00000	68.24000	0.0	0.0	0.0
				1.00000	18.00000	68.24000	0.0	0.0	0.0
				2.00000	18.00000	68.24000	0.0	0.0	0.0
				3.00000	18.00000	68.24000	0.0	0.0	0.0
				4.00000	18.00000	68.24000	0.0	0.0	0.0
				5.00000	18.00000	68.24000	0.0	0.0	0.0
				6.00000	18.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				7.00000	18.00000	68.24000	0.0	0.0	0.0
				8.00000	18.00000	68.24000	0.0	0.0	0.0
				9.00000	18.00000	68.24000	0.0	0.0	0.0
				10.00000	18.00000	68.24000	0.0	0.0	0.0
				11.00000	18.00000	68.24000	0.0	0.0	0.0
				12.00000	18.00000	68.24000	0.0	0.0	0.0
				13.00000	18.00000	68.24000	0.0	0.0	0.0
				14.00000	18.00000	68.24000	0.0	0.0	0.0
				15.00000	18.00000	68.24000	0.0	0.0	0.0
				16.00000	18.00000	68.24000	0.0	0.0	0.0
				17.00000	18.00000	68.24000	0.0	0.0	0.0
				18.00000	18.00000	68.24000	0.0	0.0	0.0
				19.00000	18.00000	68.24000	0.0	0.0	0.0
				20.00000	18.00000	68.24000	0.0	0.0	0.0
				21.00000	18.00000	68.24000	0.0	0.0	0.0
				22.00000	18.00000	68.24000	0.0	0.0	0.0
				23.00000	18.00000	68.24000	0.0	0.0	0.0
				24.00000	18.00000	68.24000	0.0	0.0	0.0
				25.00000	18.00000	68.24000	0.0	0.0	0.0
				26.00000	18.00000	68.24000	0.0	0.0	0.0
				27.00000	18.00000	68.24000	0.0	0.0	0.0
				28.00000	18.00000	68.24000	0.0	0.0	0.0
				29.00000	18.00000	68.24000	0.0	0.0	0.0
				30.00000	18.00000	68.24000	0.0	0.0	0.0
				31.00000	18.00000	68.24000	0.0	0.0	0.0
				32.00000	18.00000	68.24000	0.0	0.0	0.0
				33.00000	18.00000	68.24000	0.0	0.0	0.0
				34.00000	18.00000	68.24000	0.0	0.0	0.0
				35.00000	18.00000	68.24000	0.0	0.0	0.0
				36.00000	18.00000	68.24000	0.0	0.0	0.0
				37.00000	18.00000	68.24000	0.0	0.0	0.0
				38.00000	18.00000	68.24000	0.0	0.0	0.0
				39.00000	18.00000	68.24000	0.0	0.0	0.0
				40.00000	18.00000	68.24000	0.0	0.0	0.0
				41.00000	18.00000	68.24000	0.0	0.0	0.0
				42.00000	18.00000	68.24000	0.0	0.0	0.0
				43.00000	18.00000	68.24000	0.0	0.0	0.0
				44.00000	18.00000	68.24000	0.0	0.0	0.0
				45.00000	18.00000	68.24000	0.0	0.0	0.0
				46.00000	18.00000	68.24000	0.0	0.0	0.0
				47.00000	18.00000	68.24000	0.0	0.0	0.0
				48.00000	18.00000	68.24000	0.0	0.0	0.0
				49.00000	18.00000	68.24000	0.0	0.0	0.0
				50.00000	18.00000	68.24000	0.0	0.0	0.0
				51.00000	18.00000	68.24000	0.0	0.0	0.0
				52.00000	18.00000	68.24000	0.0	0.0	0.0
				53.00000	18.00000	68.24000	0.0	0.0	0.0
				54.00000	18.00000	68.24000	0.0	0.0	0.0
				55.00000	18.00000	68.24000	0.0	0.0	0.0
				56.00000	18.00000	68.24000	0.0	0.0	0.0
				57.00000	18.00000	68.24000	0.0	0.0	0.0
				58.00000	18.00000	68.24000	0.0	0.0	0.0
				59.00000	18.00000	68.24000	0.0	0.0	0.0
				60.00000	18.00000	68.24000	0.0	0.0	0.0
				61.00000	18.00000	68.24000	0.0	0.0	0.0
				62.00000	18.00000	68.24000	0.0	0.0	0.0
				63.00000	18.00000	68.24000	0.0	0.0	0.0
				64.00000	18.00000	68.24000	0.0	0.0	0.0
				65.00000	18.00000	68.24000	0.0	0.0	0.0
				66.00000	18.00000	68.24000	0.0	0.0	0.0
				67.00000	18.00000	68.24000	0.0	0.0	0.0
				68.00000	18.00000	68.24000	0.0	0.0	0.0
				69.00000	18.00000	68.24000	0.0	0.0	0.0
				70.00000	18.00000	68.24000	0.0	0.0	0.0
				71.00000	18.00000	68.24000	0.0	0.0	0.0
				72.00000	18.00000	68.24000	0.0	0.0	0.0
				73.00000	18.00000	68.24000	0.0	0.0	0.0
				74.00000	18.00000	68.24000	0.0	0.0	0.0
				75.00000	18.00000	68.24000	0.0	0.0	0.0
				76.00000	18.00000	68.24000	0.0	0.0	0.0
				77.00000	18.00000	68.24000	0.0	0.0	0.0
				78.00000	18.00000	68.24000	0.0	0.0	0.0
				79.00000	18.00000	68.24000	0.0	0.0	0.0
				80.00000	18.00000	68.24000	0.0	0.0	0.0
				81.00000	18.00000	68.24000	0.0	0.0	0.0
				82.00000	18.00000	68.24000	0.0	0.0	0.0
				83.00000	18.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				84.00000	18.00000	68.24000	0.0	0.0	0.0
				85.00000	18.00000	68.24000	0.0	0.0	0.0
				86.00000	18.00000	68.24000	0.0	0.0	0.0
				87.00000	18.00000	68.24000	0.0	0.0	0.0
				88.00000	18.00000	68.24000	0.0	0.0	0.0
				89.00000	18.00000	68.24000	0.0	0.0	0.0
				90.00000	18.00000	68.24000	0.0	0.0	0.0
				91.00000	18.00000	68.24000	0.0	0.0	0.0
				92.00000	18.00000	68.24000	0.0	0.0	0.0
				93.00000	18.00000	68.24000	0.0	0.0	0.0
				94.00000	18.00000	68.24000	0.0	0.0	0.0
				95.00000	18.00000	68.24000	0.0	0.0	0.0
				96.00000	18.00000	68.24000	0.0	0.0	0.0
				97.00000	18.00000	68.24000	0.0	0.0	0.0
				98.00000	18.00000	68.24000	0.0	0.0	0.0
				99.00000	18.00000	68.24000	0.0	0.0	0.0
				100.00000	18.00000	68.24000	0.0	0.0	0.0
				0.00000	19.00000	68.24000	0.0	0.0	0.0
				1.00000	19.00000	68.24000	0.0	0.0	0.0
				2.00000	19.00000	68.24000	0.0	0.0	0.0
				3.00000	19.00000	68.24000	0.0	0.0	0.0
				4.00000	19.00000	68.24000	0.0	0.0	0.0
				5.00000	19.00000	68.24000	0.0	0.0	0.0
				6.00000	19.00000	68.24000	0.0	0.0	0.0
				7.00000	19.00000	68.24000	0.0	0.0	0.0
				8.00000	19.00000	68.24000	0.0	0.0	0.0
				9.00000	19.00000	68.24000	0.0	0.0	0.0
				10.00000	19.00000	68.24000	0.0	0.0	0.0
				11.00000	19.00000	68.24000	0.0	0.0	0.0
				12.00000	19.00000	68.24000	0.0	0.0	0.0
				13.00000	19.00000	68.24000	0.0	0.0	0.0
				14.00000	19.00000	68.24000	0.0	0.0	0.0
				15.00000	19.00000	68.24000	0.0	0.0	0.0
				16.00000	19.00000	68.24000	0.0	0.0	0.0
				17.00000	19.00000	68.24000	0.0	0.0	0.0
				18.00000	19.00000	68.24000	0.0	0.0	0.0
				19.00000	19.00000	68.24000	0.0	0.0	0.0
				20.00000	19.00000	68.24000	0.0	0.0	0.0
				21.00000	19.00000	68.24000	0.0	0.0	0.0
				22.00000	19.00000	68.24000	0.0	0.0	0.0
				23.00000	19.00000	68.24000	0.0	0.0	0.0
				24.00000	19.00000	68.24000	0.0	0.0	0.0
				25.00000	19.00000	68.24000	0.0	0.0	0.0
				26.00000	19.00000	68.24000	0.0	0.0	0.0
				27.00000	19.00000	68.24000	0.0	0.0	0.0
				28.00000	19.00000	68.24000	0.0	0.0	0.0
				29.00000	19.00000	68.24000	0.0	0.0	0.0
				30.00000	19.00000	68.24000	0.0	0.0	0.0
				31.00000	19.00000	68.24000	0.0	0.0	0.0
				32.00000	19.00000	68.24000	0.0	0.0	0.0
				33.00000	19.00000	68.24000	0.0	0.0	0.0
				34.00000	19.00000	68.24000	0.0	0.0	0.0
				35.00000	19.00000	68.24000	0.0	0.0	0.0
				36.00000	19.00000	68.24000	0.0	0.0	0.0
				37.00000	19.00000	68.24000	0.0	0.0	0.0
				38.00000	19.00000	68.24000	0.0	0.0	0.0
				39.00000	19.00000	68.24000	0.0	0.0	0.0
				40.00000	19.00000	68.24000	0.0	0.0	0.0
				41.00000	19.00000	68.24000	0.0	0.0	0.0
				42.00000	19.00000	68.24000	0.0	0.0	0.0
				43.00000	19.00000	68.24000	0.0	0.0	0.0
				44.00000	19.00000	68.24000	0.0	0.0	0.0
				45.00000	19.00000	68.24000	0.0	0.0	0.0
				46.00000	19.00000	68.24000	0.0	0.0	0.0
				47.00000	19.00000	68.24000	0.0	0.0	0.0
				48.00000	19.00000	68.24000	0.0	0.0	0.0
				49.00000	19.00000	68.24000	0.0	0.0	0.0
				50.00000	19.00000	68.24000	0.0	0.0	0.0
				51.00000	19.00000	68.24000	0.0	0.0	0.0
				52.00000	19.00000	68.24000	0.0	0.0	0.0
				53.00000	19.00000	68.24000	0.0	0.0	0.0
				54.00000	19.00000	68.24000	0.0	0.0	0.0
				55.00000	19.00000	68.24000	0.0	0.0	0.0
				56.00000	19.00000	68.24000	0.0	0.0	0.0
				57.00000	19.00000	68.24000	0.0	0.0	0.0
				58.00000	19.00000	68.24000	0.0	0.0	0.0
				59.00000	19.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				60.00000	19.00000	68.24000	0.0	0.0	0.0
				61.00000	19.00000	68.24000	0.0	0.0	0.0
				62.00000	19.00000	68.24000	0.0	0.0	0.0
				63.00000	19.00000	68.24000	0.0	0.0	0.0
				64.00000	19.00000	68.24000	0.0	0.0	0.0
				65.00000	19.00000	68.24000	0.0	0.0	0.0
				66.00000	19.00000	68.24000	0.0	0.0	0.0
				67.00000	19.00000	68.24000	0.0	0.0	0.0
				68.00000	19.00000	68.24000	0.0	0.0	0.0
				69.00000	19.00000	68.24000	0.0	0.0	0.0
				70.00000	19.00000	68.24000	0.0	0.0	0.0
				71.00000	19.00000	68.24000	0.0	0.0	0.0
				72.00000	19.00000	68.24000	0.0	0.0	0.0
				73.00000	19.00000	68.24000	0.0	0.0	0.0
				74.00000	19.00000	68.24000	0.0	0.0	0.0
				75.00000	19.00000	68.24000	0.0	0.0	0.0
				76.00000	19.00000	68.24000	0.0	0.0	0.0
				77.00000	19.00000	68.24000	0.0	0.0	0.0
				78.00000	19.00000	68.24000	0.0	0.0	0.0
				79.00000	19.00000	68.24000	0.0	0.0	0.0
				80.00000	19.00000	68.24000	0.0	0.0	0.0
				81.00000	19.00000	68.24000	0.0	0.0	0.0
				82.00000	19.00000	68.24000	0.0	0.0	0.0
				83.00000	19.00000	68.24000	0.0	0.0	0.0
				84.00000	19.00000	68.24000	0.0	0.0	0.0
				85.00000	19.00000	68.24000	0.0	0.0	0.0
				86.00000	19.00000	68.24000	0.0	0.0	0.0
				87.00000	19.00000	68.24000	0.0	0.0	0.0
				88.00000	19.00000	68.24000	0.0	0.0	0.0
				89.00000	19.00000	68.24000	0.0	0.0	0.0
				90.00000	19.00000	68.24000	0.0	0.0	0.0
				91.00000	19.00000	68.24000	0.0	0.0	0.0
				92.00000	19.00000	68.24000	0.0	0.0	0.0
				93.00000	19.00000	68.24000	0.0	0.0	0.0
				94.00000	19.00000	68.24000	0.0	0.0	0.0
				95.00000	19.00000	68.24000	0.0	0.0	0.0
				96.00000	19.00000	68.24000	0.0	0.0	0.0
				97.00000	19.00000	68.24000	0.0	0.0	0.0
				98.00000	19.00000	68.24000	0.0	0.0	0.0
				99.00000	19.00000	68.24000	0.0	0.0	0.0
				100.00000	19.00000	68.24000	0.0	0.0	0.0
				0.00000	20.00000	68.24000	0.0	0.0	0.0
				1.00000	20.00000	68.24000	0.0	0.0	0.0
				2.00000	20.00000	68.24000	0.0	0.0	0.0
				3.00000	20.00000	68.24000	0.0	0.0	0.0
				4.00000	20.00000	68.24000	0.0	0.0	0.0
				5.00000	20.00000	68.24000	0.0	0.0	0.0
				6.00000	20.00000	68.24000	0.0	0.0	0.0
				7.00000	20.00000	68.24000	0.0	0.0	0.0
				8.00000	20.00000	68.24000	0.0	0.0	0.0
				9.00000	20.00000	68.24000	0.0	0.0	0.0
				10.00000	20.00000	68.24000	0.0	0.0	0.0
				11.00000	20.00000	68.24000	0.0	0.0	0.0
				12.00000	20.00000	68.24000	0.0	0.0	0.0
				13.00000	20.00000	68.24000	0.0	0.0	0.0
				14.00000	20.00000	68.24000	0.0	0.0	0.0
				15.00000	20.00000	68.24000	0.0	0.0	0.0
				16.00000	20.00000	68.24000	0.0	0.0	0.0
				17.00000	20.00000	68.24000	0.0	0.0	0.0
				18.00000	20.00000	68.24000	0.0	0.0	0.0
				19.00000	20.00000	68.24000	0.0	0.0	0.0
				20.00000	20.00000	68.24000	0.0	0.0	0.0
				21.00000	20.00000	68.24000	0.0	0.0	0.0
				22.00000	20.00000	68.24000	0.0	0.0	0.0
				23.00000	20.00000	68.24000	0.0	0.0	0.0
				24.00000	20.00000	68.24000	0.0	0.0	0.0
				25.00000	20.00000	68.24000	0.0	0.0	0.0
				26.00000	20.00000	68.24000	0.0	0.0	0.0
				27.00000	20.00000	68.24000	0.0	0.0	0.0
				28.00000	20.00000	68.24000	0.0	0.0	0.0
				29.00000	20.00000	68.24000	0.0	0.0	0.0
				30.00000	20.00000	68.24000	0.0	0.0	0.0
				31.00000	20.00000	68.24000	0.0	0.0	0.0
				32.00000	20.00000	68.24000	0.0	0.0	0.0
				33.00000	20.00000	68.24000	0.0	0.0	0.0
				34.00000	20.00000	68.24000	0.0	0.0	0.0
				35.00000	20.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				36.00000	20.00000	68.24000	0.0	0.0	0.0
				37.00000	20.00000	68.24000	0.0	0.0	0.0
				38.00000	20.00000	68.24000	0.0	0.0	0.0
				39.00000	20.00000	68.24000	0.0	0.0	0.0
				40.00000	20.00000	68.24000	0.0	0.0	0.0
				41.00000	20.00000	68.24000	0.0	0.0	0.0
				42.00000	20.00000	68.24000	0.0	0.0	0.0
				43.00000	20.00000	68.24000	0.0	0.0	0.0
				44.00000	20.00000	68.24000	0.0	0.0	0.0
				45.00000	20.00000	68.24000	0.0	0.0	0.0
				46.00000	20.00000	68.24000	0.0	0.0	0.0
				47.00000	20.00000	68.24000	0.0	0.0	0.0
				48.00000	20.00000	68.24000	0.0	0.0	0.0
				49.00000	20.00000	68.24000	0.0	0.0	0.0
				50.00000	20.00000	68.24000	0.0	0.0	0.0
				51.00000	20.00000	68.24000	0.0	0.0	0.0
				52.00000	20.00000	68.24000	0.0	0.0	0.0
				53.00000	20.00000	68.24000	0.0	0.0	0.0
				54.00000	20.00000	68.24000	0.0	0.0	0.0
				55.00000	20.00000	68.24000	0.0	0.0	0.0
				56.00000	20.00000	68.24000	0.0	0.0	0.0
				57.00000	20.00000	68.24000	0.0	0.0	0.0
				58.00000	20.00000	68.24000	0.0	0.0	0.0
				59.00000	20.00000	68.24000	0.0	0.0	0.0
				60.00000	20.00000	68.24000	0.0	0.0	0.0
				61.00000	20.00000	68.24000	0.0	0.0	0.0
				62.00000	20.00000	68.24000	0.0	0.0	0.0
				63.00000	20.00000	68.24000	0.0	0.0	0.0
				64.00000	20.00000	68.24000	0.0	0.0	0.0
				65.00000	20.00000	68.24000	0.0	0.0	0.0
				66.00000	20.00000	68.24000	0.0	0.0	0.0
				67.00000	20.00000	68.24000	0.0	0.0	0.0
				68.00000	20.00000	68.24000	0.0	0.0	0.0
				69.00000	20.00000	68.24000	0.0	0.0	0.0
				70.00000	20.00000	68.24000	0.0	0.0	0.0
				71.00000	20.00000	68.24000	0.0	0.0	0.0
				72.00000	20.00000	68.24000	0.0	0.0	0.0
				73.00000	20.00000	68.24000	0.0	0.0	0.0
				74.00000	20.00000	68.24000	0.0	0.0	0.0
				75.00000	20.00000	68.24000	0.0	0.0	0.0
				76.00000	20.00000	68.24000	0.0	0.0	0.0
				77.00000	20.00000	68.24000	0.0	0.0	0.0
				78.00000	20.00000	68.24000	0.0	0.0	0.0
				79.00000	20.00000	68.24000	0.0	0.0	0.0
				80.00000	20.00000	68.24000	0.0	0.0	0.0
				81.00000	20.00000	68.24000	0.0	0.0	0.0
				82.00000	20.00000	68.24000	0.0	0.0	0.0
				83.00000	20.00000	68.24000	0.0	0.0	0.0
				84.00000	20.00000	68.24000	0.0	0.0	0.0
				85.00000	20.00000	68.24000	0.0	0.0	0.0
				86.00000	20.00000	68.24000	0.0	0.0	0.0
				87.00000	20.00000	68.24000	0.0	0.0	0.0
				88.00000	20.00000	68.24000	0.0	0.0	0.0
				89.00000	20.00000	68.24000	0.0	0.0	0.0
				90.00000	20.00000	68.24000	0.0	0.0	0.0
				91.00000	20.00000	68.24000	0.0	0.0	0.0
				92.00000	20.00000	68.24000	0.0	0.0	0.0
				93.00000	20.00000	68.24000	0.0	0.0	0.0
				94.00000	20.00000	68.24000	0.0	0.0	0.0
				95.00000	20.00000	68.24000	0.0	0.0	0.0
				96.00000	20.00000	68.24000	0.0	0.0	0.0
				97.00000	20.00000	68.24000	0.0	0.0	0.0
				98.00000	20.00000	68.24000	0.0	0.0	0.0
				99.00000	20.00000	68.24000	0.0	0.0	0.0
				100.00000	20.00000	68.24000	0.0	0.0	0.0
				0.00000	21.00000	68.24000	0.0	0.0	0.0
				1.00000	21.00000	68.24000	0.0	0.0	0.0
				2.00000	21.00000	68.24000	0.0	0.0	0.0
				3.00000	21.00000	68.24000	0.0	0.0	0.0
				4.00000	21.00000	68.24000	0.0	0.0	0.0
				5.00000	21.00000	68.24000	0.0	0.0	0.0
				6.00000	21.00000	68.24000	0.0	0.0	0.0
				7.00000	21.00000	68.24000	0.0	0.0	0.0
				8.00000	21.00000	68.24000	0.0	0.0	0.0
				9.00000	21.00000	68.24000	0.0	0.0	0.0
				10.00000	21.00000	68.24000	0.0	0.0	0.0
				11.00000	21.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				12.00000	21.00000	68.24000	0.0	0.0	0.0
				13.00000	21.00000	68.24000	0.0	0.0	0.0
				14.00000	21.00000	68.24000	0.0	0.0	0.0
				15.00000	21.00000	68.24000	0.0	0.0	0.0
				16.00000	21.00000	68.24000	0.0	0.0	0.0
				17.00000	21.00000	68.24000	0.0	0.0	0.0
				18.00000	21.00000	68.24000	0.0	0.0	0.0
				19.00000	21.00000	68.24000	0.0	0.0	0.0
				20.00000	21.00000	68.24000	0.0	0.0	0.0
				21.00000	21.00000	68.24000	0.0	0.0	0.0
				22.00000	21.00000	68.24000	0.0	0.0	0.0
				23.00000	21.00000	68.24000	0.0	0.0	0.0
				24.00000	21.00000	68.24000	0.0	0.0	0.0
				25.00000	21.00000	68.24000	0.0	0.0	0.0
				26.00000	21.00000	68.24000	0.0	0.0	0.0
				27.00000	21.00000	68.24000	0.0	0.0	0.0
				28.00000	21.00000	68.24000	0.0	0.0	0.0
				29.00000	21.00000	68.24000	0.0	0.0	0.0
				30.00000	21.00000	68.24000	0.0	0.0	0.0
				31.00000	21.00000	68.24000	0.0	0.0	0.0
				32.00000	21.00000	68.24000	0.0	0.0	0.0
				33.00000	21.00000	68.24000	0.0	0.0	0.0
				34.00000	21.00000	68.24000	0.0	0.0	0.0
				35.00000	21.00000	68.24000	0.0	0.0	0.0
				36.00000	21.00000	68.24000	0.0	0.0	0.0
				37.00000	21.00000	68.24000	0.0	0.0	0.0
				38.00000	21.00000	68.24000	0.0	0.0	0.0
				39.00000	21.00000	68.24000	0.0	0.0	0.0
				40.00000	21.00000	68.24000	0.0	0.0	0.0
				41.00000	21.00000	68.24000	0.0	0.0	0.0
				42.00000	21.00000	68.24000	0.0	0.0	0.0
				43.00000	21.00000	68.24000	0.0	0.0	0.0
				44.00000	21.00000	68.24000	0.0	0.0	0.0
				45.00000	21.00000	68.24000	0.0	0.0	0.0
				46.00000	21.00000	68.24000	0.0	0.0	0.0
				47.00000	21.00000	68.24000	0.0	0.0	0.0
				48.00000	21.00000	68.24000	0.0	0.0	0.0
				49.00000	21.00000	68.24000	0.0	0.0	0.0
				50.00000	21.00000	68.24000	0.0	0.0	0.0
				51.00000	21.00000	68.24000	0.0	0.0	0.0
				52.00000	21.00000	68.24000	0.0	0.0	0.0
				53.00000	21.00000	68.24000	0.0	0.0	0.0
				54.00000	21.00000	68.24000	0.0	0.0	0.0
				55.00000	21.00000	68.24000	0.0	0.0	0.0
				56.00000	21.00000	68.24000	0.0	0.0	0.0
				57.00000	21.00000	68.24000	0.0	0.0	0.0
				58.00000	21.00000	68.24000	0.0	0.0	0.0
				59.00000	21.00000	68.24000	0.0	0.0	0.0
				60.00000	21.00000	68.24000	0.0	0.0	0.0
				61.00000	21.00000	68.24000	0.0	0.0	0.0
				62.00000	21.00000	68.24000	0.0	0.0	0.0
				63.00000	21.00000	68.24000	0.0	0.0	0.0
				64.00000	21.00000	68.24000	0.0	0.0	0.0
				65.00000	21.00000	68.24000	0.0	0.0	0.0
				66.00000	21.00000	68.24000	0.0	0.0	0.0
				67.00000	21.00000	68.24000	0.0	0.0	0.0
				68.00000	21.00000	68.24000	0.0	0.0	0.0
				69.00000	21.00000	68.24000	0.0	0.0	0.0
				70.00000	21.00000	68.24000	0.0	0.0	0.0
				71.00000	21.00000	68.24000	0.0	0.0	0.0
				72.00000	21.00000	68.24000	0.0	0.0	0.0
				73.00000	21.00000	68.24000	0.0	0.0	0.0
				74.00000	21.00000	68.24000	0.0	0.0	0.0
				75.00000	21.00000	68.24000	0.0	0.0	0.0
				76.00000	21.00000	68.24000	0.0	0.0	0.0
				77.00000	21.00000	68.24000	0.0	0.0	0.0
				78.00000	21.00000	68.24000	0.0	0.0	0.0
				79.00000	21.00000	68.24000	0.0	0.0	0.0
				80.00000	21.00000	68.24000	0.0	0.0	0.0
				81.00000	21.00000	68.24000	0.0	0.0	0.0
				82.00000	21.00000	68.24000	0.0	0.0	0.0
				83.00000	21.00000	68.24000	0.0	0.0	0.0
				84.00000	21.00000	68.24000	0.0	0.0	0.0
				85.00000	21.00000	68.24000	0.0	0.0	0.0
				86.00000	21.00000	68.24000	0.0	0.0	0.0
				87.00000	21.00000	68.24000	0.0	0.0	0.0
				88.00000	21.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				89.00000	21.00000	68.24000	0.0	0.0	0.0
				90.00000	21.00000	68.24000	0.0	0.0	0.0
				91.00000	21.00000	68.24000	0.0	0.0	0.0
				92.00000	21.00000	68.24000	0.0	0.0	0.0
				93.00000	21.00000	68.24000	0.0	0.0	0.0
				94.00000	21.00000	68.24000	0.0	0.0	0.0
				95.00000	21.00000	68.24000	0.0	0.0	0.0
				96.00000	21.00000	68.24000	0.0	0.0	0.0
				97.00000	21.00000	68.24000	0.0	0.0	0.0
				98.00000	21.00000	68.24000	0.0	0.0	0.0
				99.00000	21.00000	68.24000	0.0	0.0	0.0
				100.00000	21.00000	68.24000	0.0	0.0	0.0
				0.00000	22.00000	68.24000	0.0	0.0	0.0
				1.00000	22.00000	68.24000	0.0	0.0	0.0
				2.00000	22.00000	68.24000	0.0	0.0	0.0
				3.00000	22.00000	68.24000	0.0	0.0	0.0
				4.00000	22.00000	68.24000	0.0	0.0	0.0
				5.00000	22.00000	68.24000	0.0	0.0	0.0
				6.00000	22.00000	68.24000	0.0	0.0	0.0
				7.00000	22.00000	68.24000	0.0	0.0	0.0
				8.00000	22.00000	68.24000	0.0	0.0	0.0
				9.00000	22.00000	68.24000	0.0	0.0	0.0
				10.00000	22.00000	68.24000	0.0	0.0	0.0
				11.00000	22.00000	68.24000	0.0	0.0	0.0
				12.00000	22.00000	68.24000	0.0	0.0	0.0
				13.00000	22.00000	68.24000	0.0	0.0	0.0
				14.00000	22.00000	68.24000	0.0	0.0	0.0
				15.00000	22.00000	68.24000	0.0	0.0	0.0
				16.00000	22.00000	68.24000	0.0	0.0	0.0
				17.00000	22.00000	68.24000	0.0	0.0	0.0
				18.00000	22.00000	68.24000	0.0	0.0	0.0
				19.00000	22.00000	68.24000	0.0	0.0	0.0
				20.00000	22.00000	68.24000	0.0	0.0	0.0
				21.00000	22.00000	68.24000	0.0	0.0	0.0
				22.00000	22.00000	68.24000	0.0	0.0	0.0
				23.00000	22.00000	68.24000	0.0	0.0	0.0
				24.00000	22.00000	68.24000	0.0	0.0	0.0
				25.00000	22.00000	68.24000	0.0	0.0	0.0
				26.00000	22.00000	68.24000	0.0	0.0	0.0
				27.00000	22.00000	68.24000	0.0	0.0	0.0
				28.00000	22.00000	68.24000	0.0	0.0	0.0
				29.00000	22.00000	68.24000	0.0	0.0	0.0
				30.00000	22.00000	68.24000	0.0	0.0	0.0
				31.00000	22.00000	68.24000	0.0	0.0	0.0
				32.00000	22.00000	68.24000	0.0	0.0	0.0
				33.00000	22.00000	68.24000	0.0	0.0	0.0
				34.00000	22.00000	68.24000	0.0	0.0	0.0
				35.00000	22.00000	68.24000	0.0	0.0	0.0
				36.00000	22.00000	68.24000	0.0	0.0	0.0
				37.00000	22.00000	68.24000	0.0	0.0	0.0
				38.00000	22.00000	68.24000	0.0	0.0	0.0
				39.00000	22.00000	68.24000	0.0	0.0	0.0
				40.00000	22.00000	68.24000	0.0	0.0	0.0
				41.00000	22.00000	68.24000	0.0	0.0	0.0
				42.00000	22.00000	68.24000	0.0	0.0	0.0
				43.00000	22.00000	68.24000	0.0	0.0	0.0
				44.00000	22.00000	68.24000	0.0	0.0	0.0
				45.00000	22.00000	68.24000	0.0	0.0	0.0
				46.00000	22.00000	68.24000	0.0	0.0	0.0
				47.00000	22.00000	68.24000	0.0	0.0	0.0
				48.00000	22.00000	68.24000	0.0	0.0	0.0
				49.00000	22.00000	68.24000	0.0	0.0	0.0
				50.00000	22.00000	68.24000	0.0	0.0	0.0
				51.00000	22.00000	68.24000	0.0	0.0	0.0
				52.00000	22.00000	68.24000	0.0	0.0	0.0
				53.00000	22.00000	68.24000	0.0	0.0	0.0
				54.00000	22.00000	68.24000	0.0	0.0	0.0
				55.00000	22.00000	68.24000	0.0	0.0	0.0
				56.00000	22.00000	68.24000	0.0	0.0	0.0
				57.00000	22.00000	68.24000	0.0	0.0	0.0
				58.00000	22.00000	68.24000	0.0	0.0	0.0
				59.00000	22.00000	68.24000	0.0	0.0	0.0
				60.00000	22.00000	68.24000	0.0	0.0	0.0
				61.00000	22.00000	68.24000	0.0	0.0	0.0
				62.00000	22.00000	68.24000	0.0	0.0	0.0
				63.00000	22.00000	68.24000	0.0	0.0	0.0
				64.00000	22.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				65.00000	22.00000	68.24000	0.0	0.0	0.0
				66.00000	22.00000	68.24000	0.0	0.0	0.0
				67.00000	22.00000	68.24000	0.0	0.0	0.0
				68.00000	22.00000	68.24000	0.0	0.0	0.0
				69.00000	22.00000	68.24000	0.0	0.0	0.0
				70.00000	22.00000	68.24000	0.0	0.0	0.0
				71.00000	22.00000	68.24000	0.0	0.0	0.0
				72.00000	22.00000	68.24000	0.0	0.0	0.0
				73.00000	22.00000	68.24000	0.0	0.0	0.0
				74.00000	22.00000	68.24000	0.0	0.0	0.0
				75.00000	22.00000	68.24000	0.0	0.0	0.0
				76.00000	22.00000	68.24000	0.0	0.0	0.0
				77.00000	22.00000	68.24000	0.0	0.0	0.0
				78.00000	22.00000	68.24000	0.0	0.0	0.0
				79.00000	22.00000	68.24000	0.0	0.0	0.0
				80.00000	22.00000	68.24000	0.0	0.0	0.0
				81.00000	22.00000	68.24000	0.0	0.0	0.0
				82.00000	22.00000	68.24000	0.0	0.0	0.0
				83.00000	22.00000	68.24000	0.0	0.0	0.0
				84.00000	22.00000	68.24000	0.0	0.0	0.0
				85.00000	22.00000	68.24000	0.0	0.0	0.0
				86.00000	22.00000	68.24000	0.0	0.0	0.0
				87.00000	22.00000	68.24000	0.0	0.0	0.0
				88.00000	22.00000	68.24000	0.0	0.0	0.0
				89.00000	22.00000	68.24000	0.0	0.0	0.0
				90.00000	22.00000	68.24000	0.0	0.0	0.0
				91.00000	22.00000	68.24000	0.0	0.0	0.0
				92.00000	22.00000	68.24000	0.0	0.0	0.0
				93.00000	22.00000	68.24000	0.0	0.0	0.0
				94.00000	22.00000	68.24000	0.0	0.0	0.0
				95.00000	22.00000	68.24000	0.0	0.0	0.0
				96.00000	22.00000	68.24000	0.0	0.0	0.0
				97.00000	22.00000	68.24000	0.0	0.0	0.0
				98.00000	22.00000	68.24000	0.0	0.0	0.0
				99.00000	22.00000	68.24000	0.0	0.0	0.0
				100.00000	22.00000	68.24000	0.0	0.0	0.0
				0.00000	23.00000	68.24000	0.0	0.0	0.0
				1.00000	23.00000	68.24000	0.0	0.0	0.0
				2.00000	23.00000	68.24000	0.0	0.0	0.0
				3.00000	23.00000	68.24000	0.0	0.0	0.0
				4.00000	23.00000	68.24000	0.0	0.0	0.0
				5.00000	23.00000	68.24000	0.0	0.0	0.0
				6.00000	23.00000	68.24000	0.0	0.0	0.0
				7.00000	23.00000	68.24000	0.0	0.0	0.0
				8.00000	23.00000	68.24000	0.0	0.0	0.0
				9.00000	23.00000	68.24000	0.0	0.0	0.0
				10.00000	23.00000	68.24000	0.0	0.0	0.0
				11.00000	23.00000	68.24000	0.0	0.0	0.0
				12.00000	23.00000	68.24000	0.0	0.0	0.0
				13.00000	23.00000	68.24000	0.0	0.0	0.0
				14.00000	23.00000	68.24000	0.0	0.0	0.0
				15.00000	23.00000	68.24000	0.0	0.0	0.0
				16.00000	23.00000	68.24000	0.0	0.0	0.0
				17.00000	23.00000	68.24000	0.0	0.0	0.0
				18.00000	23.00000	68.24000	0.0	0.0	0.0
				19.00000	23.00000	68.24000	0.0	0.0	0.0
				20.00000	23.00000	68.24000	0.0	0.0	0.0
				21.00000	23.00000	68.24000	0.0	0.0	0.0
				22.00000	23.00000	68.24000	0.0	0.0	0.0
				23.00000	23.00000	68.24000	0.0	0.0	0.0
				24.00000	23.00000	68.24000	0.0	0.0	0.0
				25.00000	23.00000	68.24000	0.0	0.0	0.0
				26.00000	23.00000	68.24000	0.0	0.0	0.0
				27.00000	23.00000	68.24000	0.0	0.0	0.0
				28.00000	23.00000	68.24000	0.0	0.0	0.0
				29.00000	23.00000	68.24000	0.0	0.0	0.0
				30.00000	23.00000	68.24000	0.0	0.0	0.0
				31.00000	23.00000	68.24000	0.0	0.0	0.0
				32.00000	23.00000	68.24000	0.0	0.0	0.0
				33.00000	23.00000	68.24000	0.0	0.0	0.0
				34.00000	23.00000	68.24000	0.0	0.0	0.0
				35.00000	23.00000	68.24000	0.0	0.0	0.0
				36.00000	23.00000	68.24000	0.0	0.0	0.0
				37.00000	23.00000	68.24000	0.0	0.0	0.0
				38.00000	23.00000	68.24000	0.0	0.0	0.0
				39.00000	23.00000	68.24000	0.0	0.0	0.0
				40.00000	23.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				41.00000	23.00000	68.24000	0.0	0.0	0.0
				42.00000	23.00000	68.24000	0.0	0.0	0.0
				43.00000	23.00000	68.24000	0.0	0.0	0.0
				44.00000	23.00000	68.24000	0.0	0.0	0.0
				45.00000	23.00000	68.24000	0.0	0.0	0.0
				46.00000	23.00000	68.24000	0.0	0.0	0.0
				47.00000	23.00000	68.24000	0.0	0.0	0.0
				48.00000	23.00000	68.24000	0.0	0.0	0.0
				49.00000	23.00000	68.24000	0.0	0.0	0.0
				50.00000	23.00000	68.24000	0.0	0.0	0.0
				51.00000	23.00000	68.24000	0.0	0.0	0.0
				52.00000	23.00000	68.24000	0.0	0.0	0.0
				53.00000	23.00000	68.24000	0.0	0.0	0.0
				54.00000	23.00000	68.24000	0.0	0.0	0.0
				55.00000	23.00000	68.24000	0.0	0.0	0.0
				56.00000	23.00000	68.24000	0.0	0.0	0.0
				57.00000	23.00000	68.24000	0.0	0.0	0.0
				58.00000	23.00000	68.24000	0.0	0.0	0.0
				59.00000	23.00000	68.24000	0.0	0.0	0.0
				60.00000	23.00000	68.24000	0.0	0.0	0.0
				61.00000	23.00000	68.24000	0.0	0.0	0.0
				62.00000	23.00000	68.24000	0.0	0.0	0.0
				63.00000	23.00000	68.24000	0.0	0.0	0.0
				64.00000	23.00000	68.24000	0.0	0.0	0.0
				65.00000	23.00000	68.24000	0.0	0.0	0.0
				66.00000	23.00000	68.24000	0.0	0.0	0.0
				67.00000	23.00000	68.24000	0.0	0.0	0.0
				68.00000	23.00000	68.24000	0.0	0.0	0.0
				69.00000	23.00000	68.24000	0.0	0.0	0.0
				70.00000	23.00000	68.24000	0.0	0.0	0.0
				71.00000	23.00000	68.24000	0.0	0.0	0.0
				72.00000	23.00000	68.24000	0.0	0.0	0.0
				73.00000	23.00000	68.24000	0.0	0.0	0.0
				74.00000	23.00000	68.24000	0.0	0.0	0.0
				75.00000	23.00000	68.24000	0.0	0.0	0.0
				76.00000	23.00000	68.24000	0.0	0.0	0.0
				77.00000	23.00000	68.24000	0.0	0.0	0.0
				78.00000	23.00000	68.24000	0.0	0.0	0.0
				79.00000	23.00000	68.24000	0.0	0.0	0.0
				80.00000	23.00000	68.24000	0.0	0.0	0.0
				81.00000	23.00000	68.24000	0.0	0.0	0.0
				82.00000	23.00000	68.24000	0.0	0.0	0.0
				83.00000	23.00000	68.24000	0.0	0.0	0.0
				84.00000	23.00000	68.24000	0.0	0.0	0.0
				85.00000	23.00000	68.24000	0.0	0.0	0.0
				86.00000	23.00000	68.24000	0.0	0.0	0.0
				87.00000	23.00000	68.24000	0.0	0.0	0.0
				88.00000	23.00000	68.24000	0.0	0.0	0.0
				89.00000	23.00000	68.24000	0.0	0.0	0.0
				90.00000	23.00000	68.24000	0.0	0.0	0.0
				91.00000	23.00000	68.24000	0.0	0.0	0.0
				92.00000	23.00000	68.24000	0.0	0.0	0.0
				93.00000	23.00000	68.24000	0.0	0.0	0.0
				94.00000	23.00000	68.24000	0.0	0.0	0.0
				95.00000	23.00000	68.24000	0.0	0.0	0.0
				96.00000	23.00000	68.24000	0.0	0.0	0.0
				97.00000	23.00000	68.24000	0.0	0.0	0.0
				98.00000	23.00000	68.24000	0.0	0.0	0.0
				99.00000	23.00000	68.24000	0.0	0.0	0.0
				100.00000	23.00000	68.24000	0.0	0.0	0.0
				0.00000	24.00000	68.24000	0.0	0.0	0.0
				1.00000	24.00000	68.24000	0.0	0.0	0.0
				2.00000	24.00000	68.24000	0.0	0.0	0.0
				3.00000	24.00000	68.24000	0.0	0.0	0.0
				4.00000	24.00000	68.24000	0.0	0.0	0.0
				5.00000	24.00000	68.24000	0.0	0.0	0.0
				6.00000	24.00000	68.24000	0.0	0.0	0.0
				7.00000	24.00000	68.24000	0.0	0.0	0.0
				8.00000	24.00000	68.24000	0.0	0.0	0.0
				9.00000	24.00000	68.24000	0.0	0.0	0.0
				10.00000	24.00000	68.24000	0.0	0.0	0.0
				11.00000	24.00000	68.24000	0.0	0.0	0.0
				12.00000	24.00000	68.24000	0.0	0.0	0.0
				13.00000	24.00000	68.24000	0.0	0.0	0.0
				14.00000	24.00000	68.24000	0.0	0.0	0.0
				15.00000	24.00000	68.24000	0.0	0.0	0.0
				16.00000	24.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				17.00000	24.00000	68.24000	0.0	0.0	0.0
				18.00000	24.00000	68.24000	0.0	0.0	0.0
				19.00000	24.00000	68.24000	0.0	0.0	0.0
				20.00000	24.00000	68.24000	0.0	0.0	0.0
				21.00000	24.00000	68.24000	0.0	0.0	0.0
				22.00000	24.00000	68.24000	0.0	0.0	0.0
				23.00000	24.00000	68.24000	0.0	0.0	0.0
				24.00000	24.00000	68.24000	0.0	0.0	0.0
				25.00000	24.00000	68.24000	0.0	0.0	0.0
				26.00000	24.00000	68.24000	0.0	0.0	0.0
				27.00000	24.00000	68.24000	0.0	0.0	0.0
				28.00000	24.00000	68.24000	0.0	0.0	0.0
				29.00000	24.00000	68.24000	0.0	0.0	0.0
				30.00000	24.00000	68.24000	0.0	0.0	0.0
				31.00000	24.00000	68.24000	0.0	0.0	0.0
				32.00000	24.00000	68.24000	0.0	0.0	0.0
				33.00000	24.00000	68.24000	0.0	0.0	0.0
				34.00000	24.00000	68.24000	0.0	0.0	0.0
				35.00000	24.00000	68.24000	0.0	0.0	0.0
				36.00000	24.00000	68.24000	0.0	0.0	0.0
				37.00000	24.00000	68.24000	0.0	0.0	0.0
				38.00000	24.00000	68.24000	0.0	0.0	0.0
				39.00000	24.00000	68.24000	0.0	0.0	0.0
				40.00000	24.00000	68.24000	0.0	0.0	0.0
				41.00000	24.00000	68.24000	0.0	0.0	0.0
				42.00000	24.00000	68.24000	0.0	0.0	0.0
				43.00000	24.00000	68.24000	0.0	0.0	0.0
				44.00000	24.00000	68.24000	0.0	0.0	0.0
				45.00000	24.00000	68.24000	0.0	0.0	0.0
				46.00000	24.00000	68.24000	0.0	0.0	0.0
				47.00000	24.00000	68.24000	0.0	0.0	0.0
				48.00000	24.00000	68.24000	0.0	0.0	0.0
				49.00000	24.00000	68.24000	0.0	0.0	0.0
				50.00000	24.00000	68.24000	0.0	0.0	0.0
				51.00000	24.00000	68.24000	0.0	0.0	0.0
				52.00000	24.00000	68.24000	0.0	0.0	0.0
				53.00000	24.00000	68.24000	0.0	0.0	0.0
				54.00000	24.00000	68.24000	0.0	0.0	0.0
				55.00000	24.00000	68.24000	0.0	0.0	0.0
				56.00000	24.00000	68.24000	0.0	0.0	0.0
				57.00000	24.00000	68.24000	0.0	0.0	0.0
				58.00000	24.00000	68.24000	0.0	0.0	0.0
				59.00000	24.00000	68.24000	0.0	0.0	0.0
				60.00000	24.00000	68.24000	0.0	0.0	0.0
				61.00000	24.00000	68.24000	0.0	0.0	0.0
				62.00000	24.00000	68.24000	0.0	0.0	0.0
				63.00000	24.00000	68.24000	0.0	0.0	0.0
				64.00000	24.00000	68.24000	0.0	0.0	0.0
				65.00000	24.00000	68.24000	0.0	0.0	0.0
				66.00000	24.00000	68.24000	0.0	0.0	0.0
				67.00000	24.00000	68.24000	0.0	0.0	0.0
				68.00000	24.00000	68.24000	0.0	0.0	0.0
				69.00000	24.00000	68.24000	0.0	0.0	0.0
				70.00000	24.00000	68.24000	0.0	0.0	0.0
				71.00000	24.00000	68.24000	0.0	0.0	0.0
				72.00000	24.00000	68.24000	0.0	0.0	0.0
				73.00000	24.00000	68.24000	0.0	0.0	0.0
				74.00000	24.00000	68.24000	0.0	0.0	0.0
				75.00000	24.00000	68.24000	0.0	0.0	0.0
				76.00000	24.00000	68.24000	0.0	0.0	0.0
				77.00000	24.00000	68.24000	0.0	0.0	0.0
				78.00000	24.00000	68.24000	0.0	0.0	0.0
				79.00000	24.00000	68.24000	0.0	0.0	0.0
				80.00000	24.00000	68.24000	0.0	0.0	0.0
				81.00000	24.00000	68.24000	0.0	0.0	0.0
				82.00000	24.00000	68.24000	0.0	0.0	0.0
				83.00000	24.00000	68.24000	0.0	0.0	0.0
				84.00000	24.00000	68.24000	0.0	0.0	0.0
				85.00000	24.00000	68.24000	0.0	0.0	0.0
				86.00000	24.00000	68.24000	0.0	0.0	0.0
				87.00000	24.00000	68.24000	0.0	0.0	0.0
				88.00000	24.00000	68.24000	0.0	0.0	0.0
				89.00000	24.00000	68.24000	0.0	0.0	0.0
				90.00000	24.00000	68.24000	0.0	0.0	0.0
				91.00000	24.00000	68.24000	0.0	0.0	0.0
				92.00000	24.00000	68.24000	0.0	0.0	0.0
				93.00000	24.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				94.00000	24.00000	68.24000	0.0	0.0	0.0
				95.00000	24.00000	68.24000	0.0	0.0	0.0
				96.00000	24.00000	68.24000	0.0	0.0	0.0
				97.00000	24.00000	68.24000	0.0	0.0	0.0
				98.00000	24.00000	68.24000	0.0	0.0	0.0
				99.00000	24.00000	68.24000	0.0	0.0	0.0
				100.00000	24.00000	68.24000	0.0	0.0	0.0
				0.00000	25.00000	68.24000	0.0	0.0	0.0
				1.00000	25.00000	68.24000	0.0	0.0	0.0
				2.00000	25.00000	68.24000	0.0	0.0	0.0
				3.00000	25.00000	68.24000	0.0	0.0	0.0
				4.00000	25.00000	68.24000	0.0	0.0	0.0
				5.00000	25.00000	68.24000	0.0	0.0	0.0
				6.00000	25.00000	68.24000	0.0	0.0	0.0
				7.00000	25.00000	68.24000	0.0	0.0	0.0
				8.00000	25.00000	68.24000	0.0	0.0	0.0
				9.00000	25.00000	68.24000	0.0	0.0	0.0
				10.00000	25.00000	68.24000	0.0	0.0	0.0
				11.00000	25.00000	68.24000	0.0	0.0	0.0
				12.00000	25.00000	68.24000	0.0	0.0	0.0
				13.00000	25.00000	68.24000	0.0	0.0	0.0
				14.00000	25.00000	68.24000	0.0	0.0	0.0
				15.00000	25.00000	68.24000	0.0	0.0	0.0
				16.00000	25.00000	68.24000	0.0	0.0	0.0
				17.00000	25.00000	68.24000	0.0	0.0	0.0
				18.00000	25.00000	68.24000	0.0	0.0	0.0
				19.00000	25.00000	68.24000	0.0	0.0	0.0
				20.00000	25.00000	68.24000	0.0	0.0	0.0
				21.00000	25.00000	68.24000	0.0	0.0	0.0
				22.00000	25.00000	68.24000	0.0	0.0	0.0
				23.00000	25.00000	68.24000	0.0	0.0	0.0
				24.00000	25.00000	68.24000	0.0	0.0	0.0
				25.00000	25.00000	68.24000	0.0	0.0	0.0
				26.00000	25.00000	68.24000	0.0	0.0	0.0
				27.00000	25.00000	68.24000	0.0	0.0	0.0
				28.00000	25.00000	68.24000	0.0	0.0	0.0
				29.00000	25.00000	68.24000	0.0	0.0	0.0
				30.00000	25.00000	68.24000	0.0	0.0	0.0
				31.00000	25.00000	68.24000	0.0	0.0	0.0
				32.00000	25.00000	68.24000	0.0	0.0	0.0
				33.00000	25.00000	68.24000	0.0	0.0	0.0
				34.00000	25.00000	68.24000	0.0	0.0	0.0
				35.00000	25.00000	68.24000	0.0	0.0	0.0
				36.00000	25.00000	68.24000	0.0	0.0	0.0
				37.00000	25.00000	68.24000	0.0	0.0	0.0
				38.00000	25.00000	68.24000	0.0	0.0	0.0
				39.00000	25.00000	68.24000	0.0	0.0	0.0
				40.00000	25.00000	68.24000	0.0	0.0	0.0
				41.00000	25.00000	68.24000	0.0	0.0	0.0
				42.00000	25.00000	68.24000	0.0	0.0	0.0
				43.00000	25.00000	68.24000	0.0	0.0	0.0
				44.00000	25.00000	68.24000	0.0	0.0	0.0
				45.00000	25.00000	68.24000	0.0	0.0	0.0
				46.00000	25.00000	68.24000	0.0	0.0	0.0
				47.00000	25.00000	68.24000	0.0	0.0	0.0
				48.00000	25.00000	68.24000	0.0	0.0	0.0
				49.00000	25.00000	68.24000	0.0	0.0	0.0
				50.00000	25.00000	68.24000	0.0	0.0	0.0
				51.00000	25.00000	68.24000	0.0	0.0	0.0
				52.00000	25.00000	68.24000	0.0	0.0	0.0
				53.00000	25.00000	68.24000	0.0	0.0	0.0
				54.00000	25.00000	68.24000	0.0	0.0	0.0
				55.00000	25.00000	68.24000	0.0	0.0	0.0
				56.00000	25.00000	68.24000	0.0	0.0	0.0
				57.00000	25.00000	68.24000	0.0	0.0	0.0
				58.00000	25.00000	68.24000	0.0	0.0	0.0
				59.00000	25.00000	68.24000	0.0	0.0	0.0
				60.00000	25.00000	68.24000	0.0	0.0	0.0
				61.00000	25.00000	68.24000	0.0	0.0	0.0
				62.00000	25.00000	68.24000	0.0	0.0	0.0
				63.00000	25.00000	68.24000	0.0	0.0	0.0
				64.00000	25.00000	68.24000	0.0	0.0	0.0
				65.00000	25.00000	68.24000	0.0	0.0	0.0
				66.00000	25.00000	68.24000	0.0	0.0	0.0
				67.00000	25.00000	68.24000	0.0	0.0	0.0
				68.00000	25.00000	68.24000	0.0	0.0	0.0
				69.00000	25.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				70.00000	25.00000	68.24000	0.0	0.0	0.0
				71.00000	25.00000	68.24000	0.0	0.0	0.0
				72.00000	25.00000	68.24000	0.0	0.0	0.0
				73.00000	25.00000	68.24000	0.0	0.0	0.0
				74.00000	25.00000	68.24000	0.0	0.0	0.0
				75.00000	25.00000	68.24000	0.0	0.0	0.0
				76.00000	25.00000	68.24000	0.0	0.0	0.0
				77.00000	25.00000	68.24000	0.0	0.0	0.0
				78.00000	25.00000	68.24000	0.0	0.0	0.0
				79.00000	25.00000	68.24000	0.0	0.0	0.0
				80.00000	25.00000	68.24000	0.0	0.0	0.0
				81.00000	25.00000	68.24000	0.0	0.0	0.0
				82.00000	25.00000	68.24000	0.0	0.0	0.0
				83.00000	25.00000	68.24000	0.0	0.0	0.0
				84.00000	25.00000	68.24000	0.0	0.0	0.0
				85.00000	25.00000	68.24000	0.0	0.0	0.0
				86.00000	25.00000	68.24000	0.0	0.0	0.0
				87.00000	25.00000	68.24000	0.0	0.0	0.0
				88.00000	25.00000	68.24000	0.0	0.0	0.0
				89.00000	25.00000	68.24000	0.0	0.0	0.0
				90.00000	25.00000	68.24000	0.0	0.0	0.0
				91.00000	25.00000	68.24000	0.0	0.0	0.0
				92.00000	25.00000	68.24000	0.0	0.0	0.0
				93.00000	25.00000	68.24000	0.0	0.0	0.0
				94.00000	25.00000	68.24000	0.0	0.0	0.0
				95.00000	25.00000	68.24000	0.0	0.0	0.0
				96.00000	25.00000	68.24000	0.0	0.0	0.0
				97.00000	25.00000	68.24000	0.0	0.0	0.0
				98.00000	25.00000	68.24000	0.0	0.0	0.0
				99.00000	25.00000	68.24000	0.0	0.0	0.0
				100.00000	25.00000	68.24000	0.0	0.0	0.0
				0.00000	26.00000	68.24000	0.0	0.0	0.0
				1.00000	26.00000	68.24000	0.0	0.0	0.0
				2.00000	26.00000	68.24000	0.0	0.0	0.0
				3.00000	26.00000	68.24000	0.0	0.0	0.0
				4.00000	26.00000	68.24000	0.0	0.0	0.0
				5.00000	26.00000	68.24000	0.0	0.0	0.0
				6.00000	26.00000	68.24000	0.0	0.0	0.0
				7.00000	26.00000	68.24000	0.0	0.0	0.0
				8.00000	26.00000	68.24000	0.0	0.0	0.0
				9.00000	26.00000	68.24000	0.0	0.0	0.0
				10.00000	26.00000	68.24000	0.0	0.0	0.0
				11.00000	26.00000	68.24000	0.0	0.0	0.0
				12.00000	26.00000	68.24000	0.0	0.0	0.0
				13.00000	26.00000	68.24000	0.0	0.0	0.0
				14.00000	26.00000	68.24000	0.0	0.0	0.0
				15.00000	26.00000	68.24000	0.0	0.0	0.0
				16.00000	26.00000	68.24000	0.0	0.0	0.0
				17.00000	26.00000	68.24000	0.0	0.0	0.0
				18.00000	26.00000	68.24000	0.0	0.0	0.0
				19.00000	26.00000	68.24000	0.0	0.0	0.0
				20.00000	26.00000	68.24000	0.0	0.0	0.0
				21.00000	26.00000	68.24000	0.0	0.0	0.0
				22.00000	26.00000	68.24000	0.0	0.0	0.0
				23.00000	26.00000	68.24000	0.0	0.0	0.0
				24.00000	26.00000	68.24000	0.0	0.0	0.0
				25.00000	26.00000	68.24000	0.0	0.0	0.0
				26.00000	26.00000	68.24000	0.0	0.0	0.0
				27.00000	26.00000	68.24000	0.0	0.0	0.0
				28.00000	26.00000	68.24000	0.0	0.0	0.0
				29.00000	26.00000	68.24000	0.0	0.0	0.0
				30.00000	26.00000	68.24000	0.0	0.0	0.0
				31.00000	26.00000	68.24000	0.0	0.0	0.0
				32.00000	26.00000	68.24000	0.0	0.0	0.0
				33.00000	26.00000	68.24000	0.0	0.0	0.0
				34.00000	26.00000	68.24000	0.0	0.0	0.0
				35.00000	26.00000	68.24000	0.0	0.0	0.0
				36.00000	26.00000	68.24000	0.0	0.0	0.0
				37.00000	26.00000	68.24000	0.0	0.0	0.0
				38.00000	26.00000	68.24000	0.0	0.0	0.0
				39.00000	26.00000	68.24000	0.0	0.0	0.0
				40.00000	26.00000	68.24000	0.0	0.0	0.0
				41.00000	26.00000	68.24000	0.0	0.0	0.0
				42.00000	26.00000	68.24000	0.0	0.0	0.0
				43.00000	26.00000	68.24000	0.0	0.0	0.0
				44.00000	26.00000	68.24000	0.0	0.0	0.0
				45.00000	26.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
46.00000	26.00000	68.24000		46.00000	26.00000	68.24000	0.0	0.0	0.0
47.00000	26.00000	68.24000		47.00000	26.00000	68.24000	0.0	0.0	0.0
48.00000	26.00000	68.24000		48.00000	26.00000	68.24000	0.0	0.0	0.0
49.00000	26.00000	68.24000		49.00000	26.00000	68.24000	0.0	0.0	0.0
50.00000	26.00000	68.24000		50.00000	26.00000	68.24000	0.0	0.0	0.0
51.00000	26.00000	68.24000		51.00000	26.00000	68.24000	0.0	0.0	0.0
52.00000	26.00000	68.24000		52.00000	26.00000	68.24000	0.0	0.0	0.0
53.00000	26.00000	68.24000		53.00000	26.00000	68.24000	0.0	0.0	0.0
54.00000	26.00000	68.24000		54.00000	26.00000	68.24000	0.0	0.0	0.0
55.00000	26.00000	68.24000		55.00000	26.00000	68.24000	0.0	0.0	0.0
56.00000	26.00000	68.24000		56.00000	26.00000	68.24000	0.0	0.0	0.0
57.00000	26.00000	68.24000		57.00000	26.00000	68.24000	0.0	0.0	0.0
58.00000	26.00000	68.24000		58.00000	26.00000	68.24000	0.0	0.0	0.0
59.00000	26.00000	68.24000		59.00000	26.00000	68.24000	0.0	0.0	0.0
60.00000	26.00000	68.24000		60.00000	26.00000	68.24000	0.0	0.0	0.0
61.00000	26.00000	68.24000		61.00000	26.00000	68.24000	0.0	0.0	0.0
62.00000	26.00000	68.24000		62.00000	26.00000	68.24000	0.0	0.0	0.0
63.00000	26.00000	68.24000		63.00000	26.00000	68.24000	0.0	0.0	0.0
64.00000	26.00000	68.24000		64.00000	26.00000	68.24000	0.0	0.0	0.0
65.00000	26.00000	68.24000		65.00000	26.00000	68.24000	0.0	0.0	0.0
66.00000	26.00000	68.24000		66.00000	26.00000	68.24000	0.0	0.0	0.0
67.00000	26.00000	68.24000		67.00000	26.00000	68.24000	0.0	0.0	0.0
68.00000	26.00000	68.24000		68.00000	26.00000	68.24000	0.0	0.0	0.0
69.00000	26.00000	68.24000		69.00000	26.00000	68.24000	0.0	0.0	0.0
70.00000	26.00000	68.24000		70.00000	26.00000	68.24000	0.0	0.0	0.0
71.00000	26.00000	68.24000		71.00000	26.00000	68.24000	0.0	0.0	0.0
72.00000	26.00000	68.24000		72.00000	26.00000	68.24000	0.0	0.0	0.0
73.00000	26.00000	68.24000		73.00000	26.00000	68.24000	0.0	0.0	0.0
74.00000	26.00000	68.24000		74.00000	26.00000	68.24000	0.0	0.0	0.0
75.00000	26.00000	68.24000		75.00000	26.00000	68.24000	0.0	0.0	0.0
76.00000	26.00000	68.24000		76.00000	26.00000	68.24000	0.0	0.0	0.0
77.00000	26.00000	68.24000		77.00000	26.00000	68.24000	0.0	0.0	0.0
78.00000	26.00000	68.24000		78.00000	26.00000	68.24000	0.0	0.0	0.0
79.00000	26.00000	68.24000		79.00000	26.00000	68.24000	0.0	0.0	0.0
80.00000	26.00000	68.24000		80.00000	26.00000	68.24000	0.0	0.0	0.0
81.00000	26.00000	68.24000		81.00000	26.00000	68.24000	0.0	0.0	0.0
82.00000	26.00000	68.24000		82.00000	26.00000	68.24000	0.0	0.0	0.0
83.00000	26.00000	68.24000		83.00000	26.00000	68.24000	0.0	0.0	0.0
84.00000	26.00000	68.24000		84.00000	26.00000	68.24000	0.0	0.0	0.0
85.00000	26.00000	68.24000		85.00000	26.00000	68.24000	0.0	0.0	0.0
86.00000	26.00000	68.24000		86.00000	26.00000	68.24000	0.0	0.0	0.0
87.00000	26.00000	68.24000		87.00000	26.00000	68.24000	0.0	0.0	0.0
88.00000	26.00000	68.24000		88.00000	26.00000	68.24000	0.0	0.0	0.0
89.00000	26.00000	68.24000		89.00000	26.00000	68.24000	0.0	0.0	0.0
90.00000	26.00000	68.24000		90.00000	26.00000	68.24000	0.0	0.0	0.0
91.00000	26.00000	68.24000		91.00000	26.00000	68.24000	0.0	0.0	0.0
92.00000	26.00000	68.24000		92.00000	26.00000	68.24000	0.0	0.0	0.0
93.00000	26.00000	68.24000		93.00000	26.00000	68.24000	0.0	0.0	0.0
94.00000	26.00000	68.24000		94.00000	26.00000	68.24000	0.0	0.0	0.0
95.00000	26.00000	68.24000		95.00000	26.00000	68.24000	0.0	0.0	0.0
96.00000	26.00000	68.24000		96.00000	26.00000	68.24000	0.0	0.0	0.0
97.00000	26.00000	68.24000		97.00000	26.00000	68.24000	0.0	0.0	0.0
98.00000	26.00000	68.24000		98.00000	26.00000	68.24000	0.0	0.0	0.0
99.00000	26.00000	68.24000		99.00000	26.00000	68.24000	0.0	0.0	0.0
100.00000	26.00000	68.24000		100.00000	26.00000	68.24000	0.0	0.0	0.0
0.00000	27.00000	68.24000		0.00000	27.00000	68.24000	0.0	0.0	0.0
1.00000	27.00000	68.24000		1.00000	27.00000	68.24000	0.0	0.0	0.0
2.00000	27.00000	68.24000		2.00000	27.00000	68.24000	0.0	0.0	0.0
3.00000	27.00000	68.24000		3.00000	27.00000	68.24000	0.0	0.0	0.0
4.00000	27.00000	68.24000		4.00000	27.00000	68.24000	0.0	0.0	0.0
5.00000	27.00000	68.24000		5.00000	27.00000	68.24000	0.0	0.0	0.0
6.00000	27.00000	68.24000		6.00000	27.00000	68.24000	0.0	0.0	0.0
7.00000	27.00000	68.24000		7.00000	27.00000	68.24000	0.0	0.0	0.0
8.00000	27.00000	68.24000		8.00000	27.00000	68.24000	0.0	0.0	0.0
9.00000	27.00000	68.24000		9.00000	27.00000	68.24000	0.0	0.0	0.0
10.00000	27.00000	68.24000		10.00000	27.00000	68.24000	0.0	0.0	0.0
11.00000	27.00000	68.24000		11.00000	27.00000	68.24000	0.0	0.0	0.0
12.00000	27.00000	68.24000		12.00000	27.00000	68.24000	0.0	0.0	0.0
13.00000	27.00000	68.24000		13.00000	27.00000	68.24000	0.0	0.0	0.0
14.00000	27.00000	68.24000		14.00000	27.00000	68.24000	0.0	0.0	0.0
15.00000	27.00000	68.24000		15.00000	27.00000	68.24000	0.0	0.0	0.0
16.00000	27.00000	68.24000		16.00000	27.00000	68.24000	0.0	0.0	0.0
17.00000	27.00000	68.24000		17.00000	27.00000	68.24000	0.0	0.0	0.0
18.00000	27.00000	68.24000		18.00000	27.00000	68.24000	0.0	0.0	0.0
19.00000	27.00000	68.24000		19.00000	27.00000	68.24000	0.0	0.0	0.0
20.00000	27.00000	68.24000		20.00000	27.00000	68.24000	0.0	0.0	0.0
21.00000	27.00000	68.24000		21.00000	27.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				22.00000	27.00000	68.24000	0.0	0.0	0.0
				23.00000	27.00000	68.24000	0.0	0.0	0.0
				24.00000	27.00000	68.24000	0.0	0.0	0.0
				25.00000	27.00000	68.24000	0.0	0.0	0.0
				26.00000	27.00000	68.24000	0.0	0.0	0.0
				27.00000	27.00000	68.24000	0.0	0.0	0.0
				28.00000	27.00000	68.24000	0.0	0.0	0.0
				29.00000	27.00000	68.24000	0.0	0.0	0.0
				30.00000	27.00000	68.24000	0.0	0.0	0.0
				31.00000	27.00000	68.24000	0.0	0.0	0.0
				32.00000	27.00000	68.24000	0.0	0.0	0.0
				33.00000	27.00000	68.24000	0.0	0.0	0.0
				34.00000	27.00000	68.24000	0.0	0.0	0.0
				35.00000	27.00000	68.24000	0.0	0.0	0.0
				36.00000	27.00000	68.24000	0.0	0.0	0.0
				37.00000	27.00000	68.24000	0.0	0.0	0.0
				38.00000	27.00000	68.24000	0.0	0.0	0.0
				39.00000	27.00000	68.24000	0.0	0.0	0.0
				40.00000	27.00000	68.24000	0.0	0.0	0.0
				41.00000	27.00000	68.24000	0.0	0.0	0.0
				42.00000	27.00000	68.24000	0.0	0.0	0.0
				43.00000	27.00000	68.24000	0.0	0.0	0.0
				44.00000	27.00000	68.24000	0.0	0.0	0.0
				45.00000	27.00000	68.24000	0.0	0.0	0.0
				46.00000	27.00000	68.24000	0.0	0.0	0.0
				47.00000	27.00000	68.24000	0.0	0.0	0.0
				48.00000	27.00000	68.24000	0.0	0.0	0.0
				49.00000	27.00000	68.24000	0.0	0.0	0.0
				50.00000	27.00000	68.24000	0.0	0.0	0.0
				51.00000	27.00000	68.24000	0.0	0.0	0.0
				52.00000	27.00000	68.24000	0.0	0.0	0.0
				53.00000	27.00000	68.24000	0.0	0.0	0.0
				54.00000	27.00000	68.24000	0.0	0.0	0.0
				55.00000	27.00000	68.24000	0.0	0.0	0.0
				56.00000	27.00000	68.24000	0.0	0.0	0.0
				57.00000	27.00000	68.24000	0.0	0.0	0.0
				58.00000	27.00000	68.24000	0.0	0.0	0.0
				59.00000	27.00000	68.24000	0.0	0.0	0.0
				60.00000	27.00000	68.24000	0.0	0.0	0.0
				61.00000	27.00000	68.24000	0.0	0.0	0.0
				62.00000	27.00000	68.24000	0.0	0.0	0.0
				63.00000	27.00000	68.24000	0.0	0.0	0.0
				64.00000	27.00000	68.24000	0.0	0.0	0.0
				65.00000	27.00000	68.24000	0.0	0.0	0.0
				66.00000	27.00000	68.24000	0.0	0.0	0.0
				67.00000	27.00000	68.24000	0.0	0.0	0.0
				68.00000	27.00000	68.24000	0.0	0.0	0.0
				69.00000	27.00000	68.24000	0.0	0.0	0.0
				70.00000	27.00000	68.24000	0.0	0.0	0.0
				71.00000	27.00000	68.24000	0.0	0.0	0.0
				72.00000	27.00000	68.24000	0.0	0.0	0.0
				73.00000	27.00000	68.24000	0.0	0.0	0.0
				74.00000	27.00000	68.24000	0.0	0.0	0.0
				75.00000	27.00000	68.24000	0.0	0.0	0.0
				76.00000	27.00000	68.24000	0.0	0.0	0.0
				77.00000	27.00000	68.24000	0.0	0.0	0.0
				78.00000	27.00000	68.24000	0.0	0.0	0.0
				79.00000	27.00000	68.24000	0.0	0.0	0.0
				80.00000	27.00000	68.24000	0.0	0.0	0.0
				81.00000	27.00000	68.24000	0.0	0.0	0.0
				82.00000	27.00000	68.24000	0.0	0.0	0.0
				83.00000	27.00000	68.24000	0.0	0.0	0.0
				84.00000	27.00000	68.24000	0.0	0.0	0.0
				85.00000	27.00000	68.24000	0.0	0.0	0.0
				86.00000	27.00000	68.24000	0.0	0.0	0.0
				87.00000	27.00000	68.24000	0.0	0.0	0.0
				88.00000	27.00000	68.24000	0.0	0.0	0.0
				89.00000	27.00000	68.24000	0.0	0.0	0.0
				90.00000	27.00000	68.24000	0.0	0.0	0.0
				91.00000	27.00000	68.24000	0.0	0.0	0.0
				92.00000	27.00000	68.24000	0.0	0.0	0.0
				93.00000	27.00000	68.24000	0.0	0.0	0.0
				94.00000	27.00000	68.24000	0.0	0.0	0.0
				95.00000	27.00000	68.24000	0.0	0.0	0.0
				96.00000	27.00000	68.24000	0.0	0.0	0.0
				97.00000	27.00000	68.24000	0.0	0.0	0.0
				98.00000	27.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
99.00000		27.00000		68.24000			0.0	0.0	0.0
100.00000		27.00000		68.24000			0.0	0.0	0.0
0.00000		28.00000		68.24000			0.0	0.0	0.0
1.00000		28.00000		68.24000			0.0	0.0	0.0
2.00000		28.00000		68.24000			0.0	0.0	0.0
3.00000		28.00000		68.24000			0.0	0.0	0.0
4.00000		28.00000		68.24000			0.0	0.0	0.0
5.00000		28.00000		68.24000			0.0	0.0	0.0
6.00000		28.00000		68.24000			0.0	0.0	0.0
7.00000		28.00000		68.24000			0.0	0.0	0.0
8.00000		28.00000		68.24000			0.0	0.0	0.0
9.00000		28.00000		68.24000			0.0	0.0	0.0
10.00000		28.00000		68.24000			0.0	0.0	0.0
11.00000		28.00000		68.24000			0.0	0.0	0.0
12.00000		28.00000		68.24000			0.0	0.0	0.0
13.00000		28.00000		68.24000			0.0	0.0	0.0
14.00000		28.00000		68.24000			0.0	0.0	0.0
15.00000		28.00000		68.24000			0.0	0.0	0.0
16.00000		28.00000		68.24000			0.0	0.0	0.0
17.00000		28.00000		68.24000			0.0	0.0	0.0
18.00000		28.00000		68.24000			0.0	0.0	0.0
19.00000		28.00000		68.24000			0.0	0.0	0.0
20.00000		28.00000		68.24000			0.0	0.0	0.0
21.00000		28.00000		68.24000			0.0	0.0	0.0
22.00000		28.00000		68.24000			0.0	0.0	0.0
23.00000		28.00000		68.24000			0.0	0.0	0.0
24.00000		28.00000		68.24000			0.0	0.0	0.0
25.00000		28.00000		68.24000			0.0	0.0	0.0
26.00000		28.00000		68.24000			0.0	0.0	0.0
27.00000		28.00000		68.24000			0.0	0.0	0.0
28.00000		28.00000		68.24000			0.0	0.0	0.0
29.00000		28.00000		68.24000			0.0	0.0	0.0
30.00000		28.00000		68.24000			0.0	0.0	0.0
31.00000		28.00000		68.24000			0.0	0.0	0.0
32.00000		28.00000		68.24000			0.0	0.0	0.0
33.00000		28.00000		68.24000			0.0	0.0	0.0
34.00000		28.00000		68.24000			0.0	0.0	0.0
35.00000		28.00000		68.24000			0.0	0.0	0.0
36.00000		28.00000		68.24000			0.0	0.0	0.0
37.00000		28.00000		68.24000			0.0	0.0	0.0
38.00000		28.00000		68.24000			0.0	0.0	0.0
39.00000		28.00000		68.24000			0.0	0.0	0.0
40.00000		28.00000		68.24000			0.0	0.0	0.0
41.00000		28.00000		68.24000			0.0	0.0	0.0
42.00000		28.00000		68.24000			0.0	0.0	0.0
43.00000		28.00000		68.24000			0.0	0.0	0.0
44.00000		28.00000		68.24000			0.0	0.0	0.0
45.00000		28.00000		68.24000			0.0	0.0	0.0
46.00000		28.00000		68.24000			0.0	0.0	0.0
47.00000		28.00000		68.24000			0.0	0.0	0.0
48.00000		28.00000		68.24000			0.0	0.0	0.0
49.00000		28.00000		68.24000			0.0	0.0	0.0
50.00000		28.00000		68.24000			0.0	0.0	0.0
51.00000		28.00000		68.24000			0.0	0.0	0.0
52.00000		28.00000		68.24000			0.0	0.0	0.0
53.00000		28.00000		68.24000			0.0	0.0	0.0
54.00000		28.00000		68.24000			0.0	0.0	0.0
55.00000		28.00000		68.24000			0.0	0.0	0.0
56.00000		28.00000		68.24000			0.0	0.0	0.0
57.00000		28.00000		68.24000			0.0	0.0	0.0
58.00000		28.00000		68.24000			0.0	0.0	0.0
59.00000		28.00000		68.24000			0.0	0.0	0.0
60.00000		28.00000		68.24000			0.0	0.0	0.0
61.00000		28.00000		68.24000			0.0	0.0	0.0
62.00000		28.00000		68.24000			0.0	0.0	0.0
63.00000		28.00000		68.24000			0.0	0.0	0.0
64.00000		28.00000		68.24000			0.0	0.0	0.0
65.00000		28.00000		68.24000			0.0	0.0	0.0
66.00000		28.00000		68.24000			0.0	0.0	0.0
67.00000		28.00000		68.24000			0.0	0.0	0.0
68.00000		28.00000		68.24000			0.0	0.0	0.0
69.00000		28.00000		68.24000			0.0	0.0	0.0
70.00000		28.00000		68.24000			0.0	0.0	0.0
71.00000		28.00000		68.24000			0.0	0.0	0.0
72.00000		28.00000		68.24000			0.0	0.0	0.0
73.00000		28.00000		68.24000			0.0	0.0	0.0
74.00000		28.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				75.00000	28.00000	68.24000	0.0	0.0	0.0
				76.00000	28.00000	68.24000	0.0	0.0	0.0
				77.00000	28.00000	68.24000	0.0	0.0	0.0
				78.00000	28.00000	68.24000	0.0	0.0	0.0
				79.00000	28.00000	68.24000	0.0	0.0	0.0
				80.00000	28.00000	68.24000	0.0	0.0	0.0
				81.00000	28.00000	68.24000	0.0	0.0	0.0
				82.00000	28.00000	68.24000	0.0	0.0	0.0
				83.00000	28.00000	68.24000	0.0	0.0	0.0
				84.00000	28.00000	68.24000	0.0	0.0	0.0
				85.00000	28.00000	68.24000	0.0	0.0	0.0
				86.00000	28.00000	68.24000	0.0	0.0	0.0
				87.00000	28.00000	68.24000	0.0	0.0	0.0
				88.00000	28.00000	68.24000	0.0	0.0	0.0
				89.00000	28.00000	68.24000	0.0	0.0	0.0
				90.00000	28.00000	68.24000	0.0	0.0	0.0
				91.00000	28.00000	68.24000	0.0	0.0	0.0
				92.00000	28.00000	68.24000	0.0	0.0	0.0
				93.00000	28.00000	68.24000	0.0	0.0	0.0
				94.00000	28.00000	68.24000	0.0	0.0	0.0
				95.00000	28.00000	68.24000	0.0	0.0	0.0
				96.00000	28.00000	68.24000	0.0	0.0	0.0
				97.00000	28.00000	68.24000	0.0	0.0	0.0
				98.00000	28.00000	68.24000	0.0	0.0	0.0
				99.00000	28.00000	68.24000	0.0	0.0	0.0
				100.00000	28.00000	68.24000	0.0	0.0	0.0
				0.00000	29.00000	68.24000	0.0	0.0	0.0
				1.00000	29.00000	68.24000	0.0	0.0	0.0
				2.00000	29.00000	68.24000	0.0	0.0	0.0
				3.00000	29.00000	68.24000	0.0	0.0	0.0
				4.00000	29.00000	68.24000	0.0	0.0	0.0
				5.00000	29.00000	68.24000	0.0	0.0	0.0
				6.00000	29.00000	68.24000	0.0	0.0	0.0
				7.00000	29.00000	68.24000	0.0	0.0	0.0
				8.00000	29.00000	68.24000	0.0	0.0	0.0
				9.00000	29.00000	68.24000	0.0	0.0	0.0
				10.00000	29.00000	68.24000	0.0	0.0	0.0
				11.00000	29.00000	68.24000	0.0	0.0	0.0
				12.00000	29.00000	68.24000	0.0	0.0	0.0
				13.00000	29.00000	68.24000	0.0	0.0	0.0
				14.00000	29.00000	68.24000	0.0	0.0	0.0
				15.00000	29.00000	68.24000	0.0	0.0	0.0
				16.00000	29.00000	68.24000	0.0	0.0	0.0
				17.00000	29.00000	68.24000	0.0	0.0	0.0
				18.00000	29.00000	68.24000	0.0	0.0	0.0
				19.00000	29.00000	68.24000	0.0	0.0	0.0
				20.00000	29.00000	68.24000	0.0	0.0	0.0
				21.00000	29.00000	68.24000	0.0	0.0	0.0
				22.00000	29.00000	68.24000	0.0	0.0	0.0
				23.00000	29.00000	68.24000	0.0	0.0	0.0
				24.00000	29.00000	68.24000	0.0	0.0	0.0
				25.00000	29.00000	68.24000	0.0	0.0	0.0
				26.00000	29.00000	68.24000	0.0	0.0	0.0
				27.00000	29.00000	68.24000	0.0	0.0	0.0
				28.00000	29.00000	68.24000	0.0	0.0	0.0
				29.00000	29.00000	68.24000	0.0	0.0	0.0
				30.00000	29.00000	68.24000	0.0	0.0	0.0
				31.00000	29.00000	68.24000	0.0	0.0	0.0
				32.00000	29.00000	68.24000	0.0	0.0	0.0
				33.00000	29.00000	68.24000	0.0	0.0	0.0
				34.00000	29.00000	68.24000	0.0	0.0	0.0
				35.00000	29.00000	68.24000	0.0	0.0	0.0
				36.00000	29.00000	68.24000	0.0	0.0	0.0
				37.00000	29.00000	68.24000	0.0	0.0	0.0
				38.00000	29.00000	68.24000	0.0	0.0	0.0
				39.00000	29.00000	68.24000	0.0	0.0	0.0
				40.00000	29.00000	68.24000	0.0	0.0	0.0
				41.00000	29.00000	68.24000	0.0	0.0	0.0
				42.00000	29.00000	68.24000	0.0	0.0	0.0
				43.00000	29.00000	68.24000	0.0	0.0	0.0
				44.00000	29.00000	68.24000	0.0	0.0	0.0
				45.00000	29.00000	68.24000	0.0	0.0	0.0
				46.00000	29.00000	68.24000	0.0	0.0	0.0
				47.00000	29.00000	68.24000	0.0	0.0	0.0
				48.00000	29.00000	68.24000	0.0	0.0	0.0
				49.00000	29.00000	68.24000	0.0	0.0	0.0
				50.00000	29.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				51.00000	29.00000	68.24000	0.0	0.0	0.0
				52.00000	29.00000	68.24000	0.0	0.0	0.0
				53.00000	29.00000	68.24000	0.0	0.0	0.0
				54.00000	29.00000	68.24000	0.0	0.0	0.0
				55.00000	29.00000	68.24000	0.0	0.0	0.0
				56.00000	29.00000	68.24000	0.0	0.0	0.0
				57.00000	29.00000	68.24000	0.0	0.0	0.0
				58.00000	29.00000	68.24000	0.0	0.0	0.0
				59.00000	29.00000	68.24000	0.0	0.0	0.0
				60.00000	29.00000	68.24000	0.0	0.0	0.0
				61.00000	29.00000	68.24000	0.0	0.0	0.0
				62.00000	29.00000	68.24000	0.0	0.0	0.0
				63.00000	29.00000	68.24000	0.0	0.0	0.0
				64.00000	29.00000	68.24000	0.0	0.0	0.0
				65.00000	29.00000	68.24000	0.0	0.0	0.0
				66.00000	29.00000	68.24000	0.0	0.0	0.0
				67.00000	29.00000	68.24000	0.0	0.0	0.0
				68.00000	29.00000	68.24000	0.0	0.0	0.0
				69.00000	29.00000	68.24000	0.0	0.0	0.0
				70.00000	29.00000	68.24000	0.0	0.0	0.0
				71.00000	29.00000	68.24000	0.0	0.0	0.0
				72.00000	29.00000	68.24000	0.0	0.0	0.0
				73.00000	29.00000	68.24000	0.0	0.0	0.0
				74.00000	29.00000	68.24000	0.0	0.0	0.0
				75.00000	29.00000	68.24000	0.0	0.0	0.0
				76.00000	29.00000	68.24000	0.0	0.0	0.0
				77.00000	29.00000	68.24000	0.0	0.0	0.0
				78.00000	29.00000	68.24000	0.0	0.0	0.0
				79.00000	29.00000	68.24000	0.0	0.0	0.0
				80.00000	29.00000	68.24000	0.0	0.0	0.0
				81.00000	29.00000	68.24000	0.0	0.0	0.0
				82.00000	29.00000	68.24000	0.0	0.0	0.0
				83.00000	29.00000	68.24000	0.0	0.0	0.0
				84.00000	29.00000	68.24000	0.0	0.0	0.0
				85.00000	29.00000	68.24000	0.0	0.0	0.0
				86.00000	29.00000	68.24000	0.0	0.0	0.0
				87.00000	29.00000	68.24000	0.0	0.0	0.0
				88.00000	29.00000	68.24000	0.0	0.0	0.0
				89.00000	29.00000	68.24000	0.0	0.0	0.0
				90.00000	29.00000	68.24000	0.0	0.0	0.0
				91.00000	29.00000	68.24000	0.0	0.0	0.0
				92.00000	29.00000	68.24000	0.0	0.0	0.0
				93.00000	29.00000	68.24000	0.0	0.0	0.0
				94.00000	29.00000	68.24000	0.0	0.0	0.0
				95.00000	29.00000	68.24000	0.0	0.0	0.0
				96.00000	29.00000	68.24000	0.0	0.0	0.0
				97.00000	29.00000	68.24000	0.0	0.0	0.0
				98.00000	29.00000	68.24000	0.0	0.0	0.0
				99.00000	29.00000	68.24000	0.0	0.0	0.0
				100.00000	29.00000	68.24000	0.0	0.0	0.0
				0.00000	30.00000	68.24000	0.0	0.0	0.0
				1.00000	30.00000	68.24000	0.0	0.0	0.0
				2.00000	30.00000	68.24000	0.0	0.0	0.0
				3.00000	30.00000	68.24000	0.0	0.0	0.0
				4.00000	30.00000	68.24000	0.0	0.0	0.0
				5.00000	30.00000	68.24000	0.0	0.0	0.0
				6.00000	30.00000	68.24000	0.0	0.0	0.0
				7.00000	30.00000	68.24000	0.0	0.0	0.0
				8.00000	30.00000	68.24000	0.0	0.0	0.0
				9.00000	30.00000	68.24000	0.0	0.0	0.0
				10.00000	30.00000	68.24000	0.0	0.0	0.0
				11.00000	30.00000	68.24000	0.0	0.0	0.0
				12.00000	30.00000	68.24000	0.0	0.0	0.0
				13.00000	30.00000	68.24000	0.0	0.0	0.0
				14.00000	30.00000	68.24000	0.0	0.0	0.0
				15.00000	30.00000	68.24000	0.0	0.0	0.0
				16.00000	30.00000	68.24000	0.0	0.0	0.0
				17.00000	30.00000	68.24000	0.0	0.0	0.0
				18.00000	30.00000	68.24000	0.0	0.0	0.0
				19.00000	30.00000	68.24000	0.0	0.0	0.0
				20.00000	30.00000	68.24000	0.0	0.0	0.0
				21.00000	30.00000	68.24000	0.0	0.0	0.0
				22.00000	30.00000	68.24000	0.0	0.0	0.0
				23.00000	30.00000	68.24000	0.0	0.0	0.0
				24.00000	30.00000	68.24000	0.0	0.0	0.0
				25.00000	30.00000	68.24000	0.0	0.0	0.0
				26.00000	30.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				27.00000	30.00000	68.24000	0.0	0.0	0.0
				28.00000	30.00000	68.24000	0.0	0.0	0.0
				29.00000	30.00000	68.24000	0.0	0.0	0.0
				30.00000	30.00000	68.24000	0.0	0.0	0.0
				31.00000	30.00000	68.24000	0.0	0.0	0.0
				32.00000	30.00000	68.24000	0.0	0.0	0.0
				33.00000	30.00000	68.24000	0.0	0.0	0.0
				34.00000	30.00000	68.24000	0.0	0.0	0.0
				35.00000	30.00000	68.24000	0.0	0.0	0.0
				36.00000	30.00000	68.24000	0.0	0.0	0.0
				37.00000	30.00000	68.24000	0.0	0.0	0.0
				38.00000	30.00000	68.24000	0.0	0.0	0.0
				39.00000	30.00000	68.24000	0.0	0.0	0.0
				40.00000	30.00000	68.24000	0.0	0.0	0.0
				41.00000	30.00000	68.24000	0.0	0.0	0.0
				42.00000	30.00000	68.24000	0.0	0.0	0.0
				43.00000	30.00000	68.24000	0.0	0.0	0.0
				44.00000	30.00000	68.24000	0.0	0.0	0.0
				45.00000	30.00000	68.24000	0.0	0.0	0.0
				46.00000	30.00000	68.24000	0.0	0.0	0.0
				47.00000	30.00000	68.24000	0.0	0.0	0.0
				48.00000	30.00000	68.24000	0.0	0.0	0.0
				49.00000	30.00000	68.24000	0.0	0.0	0.0
				50.00000	30.00000	68.24000	0.0	0.0	0.0
				51.00000	30.00000	68.24000	0.0	0.0	0.0
				52.00000	30.00000	68.24000	0.0	0.0	0.0
				53.00000	30.00000	68.24000	0.0	0.0	0.0
				54.00000	30.00000	68.24000	0.0	0.0	0.0
				55.00000	30.00000	68.24000	0.0	0.0	0.0
				56.00000	30.00000	68.24000	0.0	0.0	0.0
				57.00000	30.00000	68.24000	0.0	0.0	0.0
				58.00000	30.00000	68.24000	0.0	0.0	0.0
				59.00000	30.00000	68.24000	0.0	0.0	0.0
				60.00000	30.00000	68.24000	0.0	0.0	0.0
				61.00000	30.00000	68.24000	0.0	0.0	0.0
				62.00000	30.00000	68.24000	0.0	0.0	0.0
				63.00000	30.00000	68.24000	0.0	0.0	0.0
				64.00000	30.00000	68.24000	0.0	0.0	0.0
				65.00000	30.00000	68.24000	0.0	0.0	0.0
				66.00000	30.00000	68.24000	0.0	0.0	0.0
				67.00000	30.00000	68.24000	0.0	0.0	0.0
				68.00000	30.00000	68.24000	0.0	0.0	0.0
				69.00000	30.00000	68.24000	0.0	0.0	0.0
				70.00000	30.00000	68.24000	0.0	0.0	0.0
				71.00000	30.00000	68.24000	0.0	0.0	0.0
				72.00000	30.00000	68.24000	0.0	0.0	0.0
				73.00000	30.00000	68.24000	0.0	0.0	0.0
				74.00000	30.00000	68.24000	0.0	0.0	0.0
				75.00000	30.00000	68.24000	0.0	0.0	0.0
				76.00000	30.00000	68.24000	0.0	0.0	0.0
				77.00000	30.00000	68.24000	0.0	0.0	0.0
				78.00000	30.00000	68.24000	0.0	0.0	0.0
				79.00000	30.00000	68.24000	0.0	0.0	0.0
				80.00000	30.00000	68.24000	0.0	0.0	0.0
				81.00000	30.00000	68.24000	0.0	0.0	0.0
				82.00000	30.00000	68.24000	0.0	0.0	0.0
				83.00000	30.00000	68.24000	0.0	0.0	0.0
				84.00000	30.00000	68.24000	0.0	0.0	0.0
				85.00000	30.00000	68.24000	0.0	0.0	0.0
				86.00000	30.00000	68.24000	0.0	0.0	0.0
				87.00000	30.00000	68.24000	0.0	0.0	0.0
				88.00000	30.00000	68.24000	0.0	0.0	0.0
				89.00000	30.00000	68.24000	0.0	0.0	0.0
				90.00000	30.00000	68.24000	0.0	0.0	0.0
				91.00000	30.00000	68.24000	0.0	0.0	0.0
				92.00000	30.00000	68.24000	0.0	0.0	0.0
				93.00000	30.00000	68.24000	0.0	0.0	0.0
				94.00000	30.00000	68.24000	0.0	0.0	0.0
				95.00000	30.00000	68.24000	0.0	0.0	0.0
				96.00000	30.00000	68.24000	0.0	0.0	0.0
				97.00000	30.00000	68.24000	0.0	0.0	0.0
				98.00000	30.00000	68.24000	0.0	0.0	0.0
				99.00000	30.00000	68.24000	0.0	0.0	0.0
				100.00000	30.00000	68.24000	0.0	0.0	0.0
				0.00000	31.00000	68.24000	0.0	0.0	0.0
				1.00000	31.00000	68.24000	0.0	0.0	0.0
				2.00000	31.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				3.00000	31.00000	68.24000	0.0	0.0	0.0
				4.00000	31.00000	68.24000	0.0	0.0	0.0
				5.00000	31.00000	68.24000	0.0	0.0	0.0
				6.00000	31.00000	68.24000	0.0	0.0	0.0
				7.00000	31.00000	68.24000	0.0	0.0	0.0
				8.00000	31.00000	68.24000	0.0	0.0	0.0
				9.00000	31.00000	68.24000	0.0	0.0	0.0
				10.00000	31.00000	68.24000	0.0	0.0	0.0
				11.00000	31.00000	68.24000	0.0	0.0	0.0
				12.00000	31.00000	68.24000	0.0	0.0	0.0
				13.00000	31.00000	68.24000	0.0	0.0	0.0
				14.00000	31.00000	68.24000	0.0	0.0	0.0
				15.00000	31.00000	68.24000	0.0	0.0	0.0
				16.00000	31.00000	68.24000	0.0	0.0	0.0
				17.00000	31.00000	68.24000	0.0	0.0	0.0
				18.00000	31.00000	68.24000	0.0	0.0	0.0
				19.00000	31.00000	68.24000	0.0	0.0	0.0
				20.00000	31.00000	68.24000	0.0	0.0	0.0
				21.00000	31.00000	68.24000	0.0	0.0	0.0
				22.00000	31.00000	68.24000	0.0	0.0	0.0
				23.00000	31.00000	68.24000	0.0	0.0	0.0
				24.00000	31.00000	68.24000	0.0	0.0	0.0
				25.00000	31.00000	68.24000	0.0	0.0	0.0
				26.00000	31.00000	68.24000	0.0	0.0	0.0
				27.00000	31.00000	68.24000	0.0	0.0	0.0
				28.00000	31.00000	68.24000	0.0	0.0	0.0
				29.00000	31.00000	68.24000	0.0	0.0	0.0
				30.00000	31.00000	68.24000	0.0	0.0	0.0
				31.00000	31.00000	68.24000	0.0	0.0	0.0
				32.00000	31.00000	68.24000	0.0	0.0	0.0
				33.00000	31.00000	68.24000	0.0	0.0	0.0
				34.00000	31.00000	68.24000	0.0	0.0	0.0
				35.00000	31.00000	68.24000	0.0	0.0	0.0
				36.00000	31.00000	68.24000	0.0	0.0	0.0
				37.00000	31.00000	68.24000	0.0	0.0	0.0
				38.00000	31.00000	68.24000	0.0	0.0	0.0
				39.00000	31.00000	68.24000	0.0	0.0	0.0
				40.00000	31.00000	68.24000	0.0	0.0	0.0
				41.00000	31.00000	68.24000	0.0	0.0	0.0
				42.00000	31.00000	68.24000	0.0	0.0	0.0
				43.00000	31.00000	68.24000	0.0	0.0	0.0
				44.00000	31.00000	68.24000	0.0	0.0	0.0
				45.00000	31.00000	68.24000	0.0	0.0	0.0
				46.00000	31.00000	68.24000	0.0	0.0	0.0
				47.00000	31.00000	68.24000	0.0	0.0	0.0
				48.00000	31.00000	68.24000	0.0	0.0	0.0
				49.00000	31.00000	68.24000	0.0	0.0	0.0
				50.00000	31.00000	68.24000	0.0	0.0	0.0
				51.00000	31.00000	68.24000	0.0	0.0	0.0
				52.00000	31.00000	68.24000	0.0	0.0	0.0
				53.00000	31.00000	68.24000	0.0	0.0	0.0
				54.00000	31.00000	68.24000	0.0	0.0	0.0
				55.00000	31.00000	68.24000	0.0	0.0	0.0
				56.00000	31.00000	68.24000	0.0	0.0	0.0
				57.00000	31.00000	68.24000	0.0	0.0	0.0
				58.00000	31.00000	68.24000	0.0	0.0	0.0
				59.00000	31.00000	68.24000	0.0	0.0	0.0
				60.00000	31.00000	68.24000	0.0	0.0	0.0
				61.00000	31.00000	68.24000	0.0	0.0	0.0
				62.00000	31.00000	68.24000	0.0	0.0	0.0
				63.00000	31.00000	68.24000	0.0	0.0	0.0
				64.00000	31.00000	68.24000	0.0	0.0	0.0
				65.00000	31.00000	68.24000	0.0	0.0	0.0
				66.00000	31.00000	68.24000	0.0	0.0	0.0
				67.00000	31.00000	68.24000	0.0	0.0	0.0
				68.00000	31.00000	68.24000	0.0	0.0	0.0
				69.00000	31.00000	68.24000	0.0	0.0	0.0
				70.00000	31.00000	68.24000	0.0	0.0	0.0
				71.00000	31.00000	68.24000	0.0	0.0	0.0
				72.00000	31.00000	68.24000	0.0	0.0	0.0
				73.00000	31.00000	68.24000	0.0	0.0	0.0
				74.00000	31.00000	68.24000	0.0	0.0	0.0
				75.00000	31.00000	68.24000	0.0	0.0	0.0
				76.00000	31.00000	68.24000	0.0	0.0	0.0
				77.00000	31.00000	68.24000	0.0	0.0	0.0
				78.00000	31.00000	68.24000	0.0	0.0	0.0
				79.00000	31.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				80.00000	31.00000	68.24000	0.0	0.0	0.0
				81.00000	31.00000	68.24000	0.0	0.0	0.0
				82.00000	31.00000	68.24000	0.0	0.0	0.0
				83.00000	31.00000	68.24000	0.0	0.0	0.0
				84.00000	31.00000	68.24000	0.0	0.0	0.0
				85.00000	31.00000	68.24000	0.0	0.0	0.0
				86.00000	31.00000	68.24000	0.0	0.0	0.0
				87.00000	31.00000	68.24000	0.0	0.0	0.0
				88.00000	31.00000	68.24000	0.0	0.0	0.0
				89.00000	31.00000	68.24000	0.0	0.0	0.0
				90.00000	31.00000	68.24000	0.0	0.0	0.0
				91.00000	31.00000	68.24000	0.0	0.0	0.0
				92.00000	31.00000	68.24000	0.0	0.0	0.0
				93.00000	31.00000	68.24000	0.0	0.0	0.0
				94.00000	31.00000	68.24000	0.0	0.0	0.0
				95.00000	31.00000	68.24000	0.0	0.0	0.0
				96.00000	31.00000	68.24000	0.0	0.0	0.0
				97.00000	31.00000	68.24000	0.0	0.0	0.0
				98.00000	31.00000	68.24000	0.0	0.0	0.0
				99.00000	31.00000	68.24000	0.0	0.0	0.0
				100.00000	31.00000	68.24000	0.0	0.0	0.0
				0.00000	32.00000	68.24000	0.0	0.0	0.0
				1.00000	32.00000	68.24000	0.0	0.0	0.0
				2.00000	32.00000	68.24000	0.0	0.0	0.0
				3.00000	32.00000	68.24000	0.0	0.0	0.0
				4.00000	32.00000	68.24000	0.0	0.0	0.0
				5.00000	32.00000	68.24000	0.0	0.0	0.0
				6.00000	32.00000	68.24000	0.0	0.0	0.0
				7.00000	32.00000	68.24000	0.0	0.0	0.0
				8.00000	32.00000	68.24000	0.0	0.0	0.0
				9.00000	32.00000	68.24000	0.0	0.0	0.0
				10.00000	32.00000	68.24000	0.0	0.0	0.0
				11.00000	32.00000	68.24000	0.0	0.0	0.0
				12.00000	32.00000	68.24000	0.0	0.0	0.0
				13.00000	32.00000	68.24000	0.0	0.0	0.0
				14.00000	32.00000	68.24000	0.0	0.0	0.0
				15.00000	32.00000	68.24000	0.0	0.0	0.0
				16.00000	32.00000	68.24000	0.0	0.0	0.0
				17.00000	32.00000	68.24000	0.0	0.0	0.0
				18.00000	32.00000	68.24000	0.0	0.0	0.0
				19.00000	32.00000	68.24000	0.0	0.0	0.0
				20.00000	32.00000	68.24000	0.0	0.0	0.0
				21.00000	32.00000	68.24000	0.0	0.0	0.0
				22.00000	32.00000	68.24000	0.0	0.0	0.0
				23.00000	32.00000	68.24000	0.0	0.0	0.0
				24.00000	32.00000	68.24000	0.0	0.0	0.0
				25.00000	32.00000	68.24000	0.0	0.0	0.0
				26.00000	32.00000	68.24000	0.0	0.0	0.0
				27.00000	32.00000	68.24000	0.0	0.0	0.0
				28.00000	32.00000	68.24000	0.0	0.0	0.0
				29.00000	32.00000	68.24000	0.0	0.0	0.0
				30.00000	32.00000	68.24000	0.0	0.0	0.0
				31.00000	32.00000	68.24000	0.0	0.0	0.0
				32.00000	32.00000	68.24000	0.0	0.0	0.0
				33.00000	32.00000	68.24000	0.0	0.0	0.0
				34.00000	32.00000	68.24000	0.0	0.0	0.0
				35.00000	32.00000	68.24000	0.0	0.0	0.0
				36.00000	32.00000	68.24000	0.0	0.0	0.0
				37.00000	32.00000	68.24000	0.0	0.0	0.0
				38.00000	32.00000	68.24000	0.0	0.0	0.0
				39.00000	32.00000	68.24000	0.0	0.0	0.0
				40.00000	32.00000	68.24000	0.0	0.0	0.0
				41.00000	32.00000	68.24000	0.0	0.0	0.0
				42.00000	32.00000	68.24000	0.0	0.0	0.0
				43.00000	32.00000	68.24000	0.0	0.0	0.0
				44.00000	32.00000	68.24000	0.0	0.0	0.0
				45.00000	32.00000	68.24000	0.0	0.0	0.0
				46.00000	32.00000	68.24000	0.0	0.0	0.0
				47.00000	32.00000	68.24000	0.0	0.0	0.0
				48.00000	32.00000	68.24000	0.0	0.0	0.0
				49.00000	32.00000	68.24000	0.0	0.0	0.0
				50.00000	32.00000	68.24000	0.0	0.0	0.0
				51.00000	32.00000	68.24000	0.0	0.0	0.0
				52.00000	32.00000	68.24000	0.0	0.0	0.0
				53.00000	32.00000	68.24000	0.0	0.0	0.0
				54.00000	32.00000	68.24000	0.0	0.0	0.0
				55.00000	32.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				56.00000	32.00000	68.24000	0.0	0.0	0.0
				57.00000	32.00000	68.24000	0.0	0.0	0.0
				58.00000	32.00000	68.24000	0.0	0.0	0.0
				59.00000	32.00000	68.24000	0.0	0.0	0.0
				60.00000	32.00000	68.24000	0.0	0.0	0.0
				61.00000	32.00000	68.24000	0.0	0.0	0.0
				62.00000	32.00000	68.24000	0.0	0.0	0.0
				63.00000	32.00000	68.24000	0.0	0.0	0.0
				64.00000	32.00000	68.24000	0.0	0.0	0.0
				65.00000	32.00000	68.24000	0.0	0.0	0.0
				66.00000	32.00000	68.24000	0.0	0.0	0.0
				67.00000	32.00000	68.24000	0.0	0.0	0.0
				68.00000	32.00000	68.24000	0.0	0.0	0.0
				69.00000	32.00000	68.24000	0.0	0.0	0.0
				70.00000	32.00000	68.24000	0.0	0.0	0.0
				71.00000	32.00000	68.24000	0.0	0.0	0.0
				72.00000	32.00000	68.24000	0.0	0.0	0.0
				73.00000	32.00000	68.24000	0.0	0.0	0.0
				74.00000	32.00000	68.24000	0.0	0.0	0.0
				75.00000	32.00000	68.24000	0.0	0.0	0.0
				76.00000	32.00000	68.24000	0.0	0.0	0.0
				77.00000	32.00000	68.24000	0.0	0.0	0.0
				78.00000	32.00000	68.24000	0.0	0.0	0.0
				79.00000	32.00000	68.24000	0.0	0.0	0.0
				80.00000	32.00000	68.24000	0.0	0.0	0.0
				81.00000	32.00000	68.24000	0.0	0.0	0.0
				82.00000	32.00000	68.24000	0.0	0.0	0.0
				83.00000	32.00000	68.24000	0.0	0.0	0.0
				84.00000	32.00000	68.24000	0.0	0.0	0.0
				85.00000	32.00000	68.24000	0.0	0.0	0.0
				86.00000	32.00000	68.24000	0.0	0.0	0.0
				87.00000	32.00000	68.24000	0.0	0.0	0.0
				88.00000	32.00000	68.24000	0.0	0.0	0.0
				89.00000	32.00000	68.24000	0.0	0.0	0.0
				90.00000	32.00000	68.24000	0.0	0.0	0.0
				91.00000	32.00000	68.24000	0.0	0.0	0.0
				92.00000	32.00000	68.24000	0.0	0.0	0.0
				93.00000	32.00000	68.24000	0.0	0.0	0.0
				94.00000	32.00000	68.24000	0.0	0.0	0.0
				95.00000	32.00000	68.24000	0.0	0.0	0.0
				96.00000	32.00000	68.24000	0.0	0.0	0.0
				97.00000	32.00000	68.24000	0.0	0.0	0.0
				98.00000	32.00000	68.24000	0.0	0.0	0.0
				99.00000	32.00000	68.24000	0.0	0.0	0.0
				100.00000	32.00000	68.24000	0.0	0.0	0.0
				0.00000	33.00000	68.24000	0.0	0.0	0.0
				1.00000	33.00000	68.24000	0.0	0.0	0.0
				2.00000	33.00000	68.24000	0.0	0.0	0.0
				3.00000	33.00000	68.24000	0.0	0.0	0.0
				4.00000	33.00000	68.24000	0.0	0.0	0.0
				5.00000	33.00000	68.24000	0.0	0.0	0.0
				6.00000	33.00000	68.24000	0.0	0.0	0.0
				7.00000	33.00000	68.24000	0.0	0.0	0.0
				8.00000	33.00000	68.24000	0.0	0.0	0.0
				9.00000	33.00000	68.24000	0.0	0.0	0.0
				10.00000	33.00000	68.24000	0.0	0.0	0.0
				11.00000	33.00000	68.24000	0.0	0.0	0.0
				12.00000	33.00000	68.24000	0.0	0.0	0.0
				13.00000	33.00000	68.24000	0.0	0.0	0.0
				14.00000	33.00000	68.24000	0.0	0.0	0.0
				15.00000	33.00000	68.24000	0.0	0.0	0.0
				16.00000	33.00000	68.24000	0.0	0.0	0.0
				17.00000	33.00000	68.24000	0.0	0.0	0.0
				18.00000	33.00000	68.24000	0.0	0.0	0.0
				19.00000	33.00000	68.24000	0.0	0.0	0.0
				20.00000	33.00000	68.24000	0.0	0.0	0.0
				21.00000	33.00000	68.24000	0.0	0.0	0.0
				22.00000	33.00000	68.24000	0.0	0.0	0.0
				23.00000	33.00000	68.24000	0.0	0.0	0.0
				24.00000	33.00000	68.24000	0.0	0.0	0.0
				25.00000	33.00000	68.24000	0.0	0.0	0.0
				26.00000	33.00000	68.24000	0.0	0.0	0.0
				27.00000	33.00000	68.24000	0.0	0.0	0.0
				28.00000	33.00000	68.24000	0.0	0.0	0.0
				29.00000	33.00000	68.24000	0.0	0.0	0.0
				30.00000	33.00000	68.24000	0.0	0.0	0.0
				31.00000	33.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				32.00000	33.00000	68.24000	0.0	0.0	0.0
				33.00000	33.00000	68.24000	0.0	0.0	0.0
				34.00000	33.00000	68.24000	0.0	0.0	0.0
				35.00000	33.00000	68.24000	0.0	0.0	0.0
				36.00000	33.00000	68.24000	0.0	0.0	0.0
				37.00000	33.00000	68.24000	0.0	0.0	0.0
				38.00000	33.00000	68.24000	0.0	0.0	0.0
				39.00000	33.00000	68.24000	0.0	0.0	0.0
				40.00000	33.00000	68.24000	0.0	0.0	0.0
				41.00000	33.00000	68.24000	0.0	0.0	0.0
				42.00000	33.00000	68.24000	0.0	0.0	0.0
				43.00000	33.00000	68.24000	0.0	0.0	0.0
				44.00000	33.00000	68.24000	0.0	0.0	0.0
				45.00000	33.00000	68.24000	0.0	0.0	0.0
				46.00000	33.00000	68.24000	0.0	0.0	0.0
				47.00000	33.00000	68.24000	0.0	0.0	0.0
				48.00000	33.00000	68.24000	0.0	0.0	0.0
				49.00000	33.00000	68.24000	0.0	0.0	0.0
				50.00000	33.00000	68.24000	0.0	0.0	0.0
				51.00000	33.00000	68.24000	0.0	0.0	0.0
				52.00000	33.00000	68.24000	0.0	0.0	0.0
				53.00000	33.00000	68.24000	0.0	0.0	0.0
				54.00000	33.00000	68.24000	0.0	0.0	0.0
				55.00000	33.00000	68.24000	0.0	0.0	0.0
				56.00000	33.00000	68.24000	0.0	0.0	0.0
				57.00000	33.00000	68.24000	0.0	0.0	0.0
				58.00000	33.00000	68.24000	0.0	0.0	0.0
				59.00000	33.00000	68.24000	0.0	0.0	0.0
				60.00000	33.00000	68.24000	0.0	0.0	0.0
				61.00000	33.00000	68.24000	0.0	0.0	0.0
				62.00000	33.00000	68.24000	0.0	0.0	0.0
				63.00000	33.00000	68.24000	0.0	0.0	0.0
				64.00000	33.00000	68.24000	0.0	0.0	0.0
				65.00000	33.00000	68.24000	0.0	0.0	0.0
				66.00000	33.00000	68.24000	0.0	0.0	0.0
				67.00000	33.00000	68.24000	0.0	0.0	0.0
				68.00000	33.00000	68.24000	0.0	0.0	0.0
				69.00000	33.00000	68.24000	0.0	0.0	0.0
				70.00000	33.00000	68.24000	0.0	0.0	0.0
				71.00000	33.00000	68.24000	0.0	0.0	0.0
				72.00000	33.00000	68.24000	0.0	0.0	0.0
				73.00000	33.00000	68.24000	0.0	0.0	0.0
				74.00000	33.00000	68.24000	0.0	0.0	0.0
				75.00000	33.00000	68.24000	0.0	0.0	0.0
				76.00000	33.00000	68.24000	0.0	0.0	0.0
				77.00000	33.00000	68.24000	0.0	0.0	0.0
				78.00000	33.00000	68.24000	0.0	0.0	0.0
				79.00000	33.00000	68.24000	0.0	0.0	0.0
				80.00000	33.00000	68.24000	0.0	0.0	0.0
				81.00000	33.00000	68.24000	0.0	0.0	0.0
				82.00000	33.00000	68.24000	0.0	0.0	0.0
				83.00000	33.00000	68.24000	0.0	0.0	0.0
				84.00000	33.00000	68.24000	0.0	0.0	0.0
				85.00000	33.00000	68.24000	0.0	0.0	0.0
				86.00000	33.00000	68.24000	0.0	0.0	0.0
				87.00000	33.00000	68.24000	0.0	0.0	0.0
				88.00000	33.00000	68.24000	0.0	0.0	0.0
				89.00000	33.00000	68.24000	0.0	0.0	0.0
				90.00000	33.00000	68.24000	0.0	0.0	0.0
				91.00000	33.00000	68.24000	0.0	0.0	0.0
				92.00000	33.00000	68.24000	0.0	0.0	0.0
				93.00000	33.00000	68.24000	0.0	0.0	0.0
				94.00000	33.00000	68.24000	0.0	0.0	0.0
				95.00000	33.00000	68.24000	0.0	0.0	0.0
				96.00000	33.00000	68.24000	0.0	0.0	0.0
				97.00000	33.00000	68.24000	0.0	0.0	0.0
				98.00000	33.00000	68.24000	0.0	0.0	0.0
				99.00000	33.00000	68.24000	0.0	0.0	0.0
				100.00000	33.00000	68.24000	0.0	0.0	0.0
				0.00000	34.00000	68.24000	0.0	0.0	0.0
				1.00000	34.00000	68.24000	0.0	0.0	0.0
				2.00000	34.00000	68.24000	0.0	0.0	0.0
				3.00000	34.00000	68.24000	0.0	0.0	0.0
				4.00000	34.00000	68.24000	0.0	0.0	0.0
				5.00000	34.00000	68.24000	0.0	0.0	0.0
				6.00000	34.00000	68.24000	0.0	0.0	0.0
				7.00000	34.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
8.00000		34.00000		68.24000			0.0	0.0	0.0
9.00000		34.00000		68.24000			0.0	0.0	0.0
10.00000		34.00000		68.24000			0.0	0.0	0.0
11.00000		34.00000		68.24000			0.0	0.0	0.0
12.00000		34.00000		68.24000			0.0	0.0	0.0
13.00000		34.00000		68.24000			0.0	0.0	0.0
14.00000		34.00000		68.24000			0.0	0.0	0.0
15.00000		34.00000		68.24000			0.0	0.0	0.0
16.00000		34.00000		68.24000			0.0	0.0	0.0
17.00000		34.00000		68.24000			0.0	0.0	0.0
18.00000		34.00000		68.24000			0.0	0.0	0.0
19.00000		34.00000		68.24000			0.0	0.0	0.0
20.00000		34.00000		68.24000			0.0	0.0	0.0
21.00000		34.00000		68.24000			0.0	0.0	0.0
22.00000		34.00000		68.24000			0.0	0.0	0.0
23.00000		34.00000		68.24000			0.0	0.0	0.0
24.00000		34.00000		68.24000			0.0	0.0	0.0
25.00000		34.00000		68.24000			0.0	0.0	0.0
26.00000		34.00000		68.24000			0.0	0.0	0.0
27.00000		34.00000		68.24000			0.0	0.0	0.0
28.00000		34.00000		68.24000			0.0	0.0	0.0
29.00000		34.00000		68.24000			0.0	0.0	0.0
30.00000		34.00000		68.24000			0.0	0.0	0.0
31.00000		34.00000		68.24000			0.0	0.0	0.0
32.00000		34.00000		68.24000			0.0	0.0	0.0
33.00000		34.00000		68.24000			0.0	0.0	0.0
34.00000		34.00000		68.24000			0.0	0.0	0.0
35.00000		34.00000		68.24000			0.0	0.0	0.0
36.00000		34.00000		68.24000			0.0	0.0	0.0
37.00000		34.00000		68.24000			0.0	0.0	0.0
38.00000		34.00000		68.24000			0.0	0.0	0.0
39.00000		34.00000		68.24000			0.0	0.0	0.0
40.00000		34.00000		68.24000			0.0	0.0	0.0
41.00000		34.00000		68.24000			0.0	0.0	0.0
42.00000		34.00000		68.24000			0.0	0.0	0.0
43.00000		34.00000		68.24000			0.0	0.0	0.0
44.00000		34.00000		68.24000			0.0	0.0	0.0
45.00000		34.00000		68.24000			0.0	0.0	0.0
46.00000		34.00000		68.24000			0.0	0.0	0.0
47.00000		34.00000		68.24000			0.0	0.0	0.0
48.00000		34.00000		68.24000			0.0	0.0	0.0
49.00000		34.00000		68.24000			0.0	0.0	0.0
50.00000		34.00000		68.24000			0.0	0.0	0.0
51.00000		34.00000		68.24000			0.0	0.0	0.0
52.00000		34.00000		68.24000			0.0	0.0	0.0
53.00000		34.00000		68.24000			0.0	0.0	0.0
54.00000		34.00000		68.24000			0.0	0.0	0.0
55.00000		34.00000		68.24000			0.0	0.0	0.0
56.00000		34.00000		68.24000			0.0	0.0	0.0
57.00000		34.00000		68.24000			0.0	0.0	0.0
58.00000		34.00000		68.24000			0.0	0.0	0.0
59.00000		34.00000		68.24000			0.0	0.0	0.0
60.00000		34.00000		68.24000			0.0	0.0	0.0
61.00000		34.00000		68.24000			0.0	0.0	0.0
62.00000		34.00000		68.24000			0.0	0.0	0.0
63.00000		34.00000		68.24000			0.0	0.0	0.0
64.00000		34.00000		68.24000			0.0	0.0	0.0
65.00000		34.00000		68.24000			0.0	0.0	0.0
66.00000		34.00000		68.24000			0.0	0.0	0.0
67.00000		34.00000		68.24000			0.0	0.0	0.0
68.00000		34.00000		68.24000			0.0	0.0	0.0
69.00000		34.00000		68.24000			0.0	0.0	0.0
70.00000		34.00000		68.24000			0.0	0.0	0.0
71.00000		34.00000		68.24000			0.0	0.0	0.0
72.00000		34.00000		68.24000			0.0	0.0	0.0
73.00000		34.00000		68.24000			0.0	0.0	0.0
74.00000		34.00000		68.24000			0.0	0.0	0.0
75.00000		34.00000		68.24000			0.0	0.0	0.0
76.00000		34.00000		68.24000			0.0	0.0	0.0
77.00000		34.00000		68.24000			0.0	0.0	0.0
78.00000		34.00000		68.24000			0.0	0.0	0.0
79.00000		34.00000		68.24000			0.0	0.0	0.0
80.00000		34.00000		68.24000			0.0	0.0	0.0
81.00000		34.00000		68.24000			0.0	0.0	0.0
82.00000		34.00000		68.24000			0.0	0.0	0.0
83.00000		34.00000		68.24000			0.0	0.0	0.0
84.00000		34.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				85.00000	34.00000	68.24000	0.0	0.0	0.0
				86.00000	34.00000	68.24000	0.0	0.0	0.0
				87.00000	34.00000	68.24000	0.0	0.0	0.0
				88.00000	34.00000	68.24000	0.0	0.0	0.0
				89.00000	34.00000	68.24000	0.0	0.0	0.0
				90.00000	34.00000	68.24000	0.0	0.0	0.0
				91.00000	34.00000	68.24000	0.0	0.0	0.0
				92.00000	34.00000	68.24000	0.0	0.0	0.0
				93.00000	34.00000	68.24000	0.0	0.0	0.0
				94.00000	34.00000	68.24000	0.0	0.0	0.0
				95.00000	34.00000	68.24000	0.0	0.0	0.0
				96.00000	34.00000	68.24000	0.0	0.0	0.0
				97.00000	34.00000	68.24000	0.0	0.0	0.0
				98.00000	34.00000	68.24000	0.0	0.0	0.0
				99.00000	34.00000	68.24000	0.0	0.0	0.0
				100.00000	34.00000	68.24000	0.0	0.0	0.0
				0.00000	35.00000	68.24000	0.0	0.0	0.0
				1.00000	35.00000	68.24000	0.0	0.0	0.0
				2.00000	35.00000	68.24000	0.0	0.0	0.0
				3.00000	35.00000	68.24000	0.0	0.0	0.0
				4.00000	35.00000	68.24000	0.0	0.0	0.0
				5.00000	35.00000	68.24000	0.0	0.0	0.0
				6.00000	35.00000	68.24000	0.0	0.0	0.0
				7.00000	35.00000	68.24000	0.0	0.0	0.0
				8.00000	35.00000	68.24000	0.0	0.0	0.0
				9.00000	35.00000	68.24000	0.0	0.0	0.0
				10.00000	35.00000	68.24000	0.0	0.0	0.0
				11.00000	35.00000	68.24000	0.0	0.0	0.0
				12.00000	35.00000	68.24000	0.0	0.0	0.0
				13.00000	35.00000	68.24000	0.0	0.0	0.0
				14.00000	35.00000	68.24000	0.0	0.0	0.0
				15.00000	35.00000	68.24000	0.0	0.0	0.0
				16.00000	35.00000	68.24000	0.0	0.0	0.0
				17.00000	35.00000	68.24000	0.0	0.0	0.0
				18.00000	35.00000	68.24000	0.0	0.0	0.0
				19.00000	35.00000	68.24000	0.0	0.0	0.0
				20.00000	35.00000	68.24000	0.0	0.0	0.0
				21.00000	35.00000	68.24000	0.0	0.0	0.0
				22.00000	35.00000	68.24000	0.0	0.0	0.0
				23.00000	35.00000	68.24000	0.0	0.0	0.0
				24.00000	35.00000	68.24000	0.0	0.0	0.0
				25.00000	35.00000	68.24000	0.0	0.0	0.0
				26.00000	35.00000	68.24000	0.0	0.0	0.0
				27.00000	35.00000	68.24000	0.0	0.0	0.0
				28.00000	35.00000	68.24000	0.0	0.0	0.0
				29.00000	35.00000	68.24000	0.0	0.0	0.0
				30.00000	35.00000	68.24000	0.0	0.0	0.0
				31.00000	35.00000	68.24000	0.0	0.0	0.0
				32.00000	35.00000	68.24000	0.0	0.0	0.0
				33.00000	35.00000	68.24000	0.0	0.0	0.0
				34.00000	35.00000	68.24000	0.0	0.0	0.0
				35.00000	35.00000	68.24000	0.0	0.0	0.0
				36.00000	35.00000	68.24000	0.0	0.0	0.0
				37.00000	35.00000	68.24000	0.0	0.0	0.0
				38.00000	35.00000	68.24000	0.0	0.0	0.0
				39.00000	35.00000	68.24000	0.0	0.0	0.0
				40.00000	35.00000	68.24000	0.0	0.0	0.0
				41.00000	35.00000	68.24000	0.0	0.0	0.0
				42.00000	35.00000	68.24000	0.0	0.0	0.0
				43.00000	35.00000	68.24000	0.0	0.0	0.0
				44.00000	35.00000	68.24000	0.0	0.0	0.0
				45.00000	35.00000	68.24000	0.0	0.0	0.0
				46.00000	35.00000	68.24000	0.0	0.0	0.0
				47.00000	35.00000	68.24000	0.0	0.0	0.0
				48.00000	35.00000	68.24000	0.0	0.0	0.0
				49.00000	35.00000	68.24000	0.0	0.0	0.0
				50.00000	35.00000	68.24000	0.0	0.0	0.0
				51.00000	35.00000	68.24000	0.0	0.0	0.0
				52.00000	35.00000	68.24000	0.0	0.0	0.0
				53.00000	35.00000	68.24000	0.0	0.0	0.0
				54.00000	35.00000	68.24000	0.0	0.0	0.0
				55.00000	35.00000	68.24000	0.0	0.0	0.0
				56.00000	35.00000	68.24000	0.0	0.0	0.0
				57.00000	35.00000	68.24000	0.0	0.0	0.0
				58.00000	35.00000	68.24000	0.0	0.0	0.0
				59.00000	35.00000	68.24000	0.0	0.0	0.0
				60.00000	35.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				61.00000	35.00000	68.24000	0.0	0.0	0.0
				62.00000	35.00000	68.24000	0.0	0.0	0.0
				63.00000	35.00000	68.24000	0.0	0.0	0.0
				64.00000	35.00000	68.24000	0.0	0.0	0.0
				65.00000	35.00000	68.24000	0.0	0.0	0.0
				66.00000	35.00000	68.24000	0.0	0.0	0.0
				67.00000	35.00000	68.24000	0.0	0.0	0.0
				68.00000	35.00000	68.24000	0.0	0.0	0.0
				69.00000	35.00000	68.24000	0.0	0.0	0.0
				70.00000	35.00000	68.24000	0.0	0.0	0.0
				71.00000	35.00000	68.24000	0.0	0.0	0.0
				72.00000	35.00000	68.24000	0.0	0.0	0.0
				73.00000	35.00000	68.24000	0.0	0.0	0.0
				74.00000	35.00000	68.24000	0.0	0.0	0.0
				75.00000	35.00000	68.24000	0.0	0.0	0.0
				76.00000	35.00000	68.24000	0.0	0.0	0.0
				77.00000	35.00000	68.24000	0.0	0.0	0.0
				78.00000	35.00000	68.24000	0.0	0.0	0.0
				79.00000	35.00000	68.24000	0.0	0.0	0.0
				80.00000	35.00000	68.24000	0.0	0.0	0.0
				81.00000	35.00000	68.24000	0.0	0.0	0.0
				82.00000	35.00000	68.24000	0.0	0.0	0.0
				83.00000	35.00000	68.24000	0.0	0.0	0.0
				84.00000	35.00000	68.24000	0.0	0.0	0.0
				85.00000	35.00000	68.24000	0.0	0.0	0.0
				86.00000	35.00000	68.24000	0.0	0.0	0.0
				87.00000	35.00000	68.24000	0.0	0.0	0.0
				88.00000	35.00000	68.24000	0.0	0.0	0.0
				89.00000	35.00000	68.24000	0.0	0.0	0.0
				90.00000	35.00000	68.24000	0.0	0.0	0.0
				91.00000	35.00000	68.24000	0.0	0.0	0.0
				92.00000	35.00000	68.24000	0.0	0.0	0.0
				93.00000	35.00000	68.24000	0.0	0.0	0.0
				94.00000	35.00000	68.24000	0.0	0.0	0.0
				95.00000	35.00000	68.24000	0.0	0.0	0.0
				96.00000	35.00000	68.24000	0.0	0.0	0.0
				97.00000	35.00000	68.24000	0.0	0.0	0.0
				98.00000	35.00000	68.24000	0.0	0.0	0.0
				99.00000	35.00000	68.24000	0.0	0.0	0.0
				100.00000	35.00000	68.24000	0.0	0.0	0.0
				0.00000	36.00000	68.24000	0.0	0.0	0.0
				1.00000	36.00000	68.24000	0.0	0.0	0.0
				2.00000	36.00000	68.24000	0.0	0.0	0.0
				3.00000	36.00000	68.24000	0.0	0.0	0.0
				4.00000	36.00000	68.24000	0.0	0.0	0.0
				5.00000	36.00000	68.24000	0.0	0.0	0.0
				6.00000	36.00000	68.24000	0.0	0.0	0.0
				7.00000	36.00000	68.24000	0.0	0.0	0.0
				8.00000	36.00000	68.24000	0.0	0.0	0.0
				9.00000	36.00000	68.24000	0.0	0.0	0.0
				10.00000	36.00000	68.24000	0.0	0.0	0.0
				11.00000	36.00000	68.24000	0.0	0.0	0.0
				12.00000	36.00000	68.24000	0.0	0.0	0.0
				13.00000	36.00000	68.24000	0.0	0.0	0.0
				14.00000	36.00000	68.24000	0.0	0.0	0.0
				15.00000	36.00000	68.24000	0.0	0.0	0.0
				16.00000	36.00000	68.24000	0.0	0.0	0.0
				17.00000	36.00000	68.24000	0.0	0.0	0.0
				18.00000	36.00000	68.24000	0.0	0.0	0.0
				19.00000	36.00000	68.24000	0.0	0.0	0.0
				20.00000	36.00000	68.24000	0.0	0.0	0.0
				21.00000	36.00000	68.24000	0.0	0.0	0.0
				22.00000	36.00000	68.24000	0.0	0.0	0.0
				23.00000	36.00000	68.24000	0.0	0.0	0.0
				24.00000	36.00000	68.24000	0.0	0.0	0.0
				25.00000	36.00000	68.24000	0.0	0.0	0.0
				26.00000	36.00000	68.24000	0.0	0.0	0.0
				27.00000	36.00000	68.24000	0.0	0.0	0.0
				28.00000	36.00000	68.24000	0.0	0.0	0.0
				29.00000	36.00000	68.24000	0.0	0.0	0.0
				30.00000	36.00000	68.24000	0.0	0.0	0.0
				31.00000	36.00000	68.24000	0.0	0.0	0.0
				32.00000	36.00000	68.24000	0.0	0.0	0.0
				33.00000	36.00000	68.24000	0.0	0.0	0.0
				34.00000	36.00000	68.24000	0.0	0.0	0.0
				35.00000	36.00000	68.24000	0.0	0.0	0.0
				36.00000	36.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				37.00000	36.00000	68.24000	0.0	0.0	0.0
				38.00000	36.00000	68.24000	0.0	0.0	0.0
				39.00000	36.00000	68.24000	0.0	0.0	0.0
				40.00000	36.00000	68.24000	0.0	0.0	0.0
				41.00000	36.00000	68.24000	0.0	0.0	0.0
				42.00000	36.00000	68.24000	0.0	0.0	0.0
				43.00000	36.00000	68.24000	0.0	0.0	0.0
				44.00000	36.00000	68.24000	0.0	0.0	0.0
				45.00000	36.00000	68.24000	0.0	0.0	0.0
				46.00000	36.00000	68.24000	0.0	0.0	0.0
				47.00000	36.00000	68.24000	0.0	0.0	0.0
				48.00000	36.00000	68.24000	0.0	0.0	0.0
				49.00000	36.00000	68.24000	0.0	0.0	0.0
				50.00000	36.00000	68.24000	0.0	0.0	0.0
				51.00000	36.00000	68.24000	0.0	0.0	0.0
				52.00000	36.00000	68.24000	0.0	0.0	0.0
				53.00000	36.00000	68.24000	0.0	0.0	0.0
				54.00000	36.00000	68.24000	0.0	0.0	0.0
				55.00000	36.00000	68.24000	0.0	0.0	0.0
				56.00000	36.00000	68.24000	0.0	0.0	0.0
				57.00000	36.00000	68.24000	0.0	0.0	0.0
				58.00000	36.00000	68.24000	0.0	0.0	0.0
				59.00000	36.00000	68.24000	0.0	0.0	0.0
				60.00000	36.00000	68.24000	0.0	0.0	0.0
				61.00000	36.00000	68.24000	0.0	0.0	0.0
				62.00000	36.00000	68.24000	0.0	0.0	0.0
				63.00000	36.00000	68.24000	0.0	0.0	0.0
				64.00000	36.00000	68.24000	0.0	0.0	0.0
				65.00000	36.00000	68.24000	0.0	0.0	0.0
				66.00000	36.00000	68.24000	0.0	0.0	0.0
				67.00000	36.00000	68.24000	0.0	0.0	0.0
				68.00000	36.00000	68.24000	0.0	0.0	0.0
				69.00000	36.00000	68.24000	0.0	0.0	0.0
				70.00000	36.00000	68.24000	0.0	0.0	0.0
				71.00000	36.00000	68.24000	0.0	0.0	0.0
				72.00000	36.00000	68.24000	0.0	0.0	0.0
				73.00000	36.00000	68.24000	0.0	0.0	0.0
				74.00000	36.00000	68.24000	0.0	0.0	0.0
				75.00000	36.00000	68.24000	0.0	0.0	0.0
				76.00000	36.00000	68.24000	0.0	0.0	0.0
				77.00000	36.00000	68.24000	0.0	0.0	0.0
				78.00000	36.00000	68.24000	0.0	0.0	0.0
				79.00000	36.00000	68.24000	0.0	0.0	0.0
				80.00000	36.00000	68.24000	0.0	0.0	0.0
				81.00000	36.00000	68.24000	0.0	0.0	0.0
				82.00000	36.00000	68.24000	0.0	0.0	0.0
				83.00000	36.00000	68.24000	0.0	0.0	0.0
				84.00000	36.00000	68.24000	0.0	0.0	0.0
				85.00000	36.00000	68.24000	0.0	0.0	0.0
				86.00000	36.00000	68.24000	0.0	0.0	0.0
				87.00000	36.00000	68.24000	0.0	0.0	0.0
				88.00000	36.00000	68.24000	0.0	0.0	0.0
				89.00000	36.00000	68.24000	0.0	0.0	0.0
				90.00000	36.00000	68.24000	0.0	0.0	0.0
				91.00000	36.00000	68.24000	0.0	0.0	0.0
				92.00000	36.00000	68.24000	0.0	0.0	0.0
				93.00000	36.00000	68.24000	0.0	0.0	0.0
				94.00000	36.00000	68.24000	0.0	0.0	0.0
				95.00000	36.00000	68.24000	0.0	0.0	0.0
				96.00000	36.00000	68.24000	0.0	0.0	0.0
				97.00000	36.00000	68.24000	0.0	0.0	0.0
				98.00000	36.00000	68.24000	0.0	0.0	0.0
				99.00000	36.00000	68.24000	0.0	0.0	0.0
				100.00000	36.00000	68.24000	0.0	0.0	0.0
				0.00000	37.00000	68.24000	0.0	0.0	0.0
				1.00000	37.00000	68.24000	0.0	0.0	0.0
				2.00000	37.00000	68.24000	0.0	0.0	0.0
				3.00000	37.00000	68.24000	0.0	0.0	0.0
				4.00000	37.00000	68.24000	0.0	0.0	0.0
				5.00000	37.00000	68.24000	0.0	0.0	0.0
				6.00000	37.00000	68.24000	0.0	0.0	0.0
				7.00000	37.00000	68.24000	0.0	0.0	0.0
				8.00000	37.00000	68.24000	0.0	0.0	0.0
				9.00000	37.00000	68.24000	0.0	0.0	0.0
				10.00000	37.00000	68.24000	0.0	0.0	0.0
				11.00000	37.00000	68.24000	0.0	0.0	0.0
				12.00000	37.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				13.00000	37.00000	68.24000	0.0	0.0	0.0
				14.00000	37.00000	68.24000	0.0	0.0	0.0
				15.00000	37.00000	68.24000	0.0	0.0	0.0
				16.00000	37.00000	68.24000	0.0	0.0	0.0
				17.00000	37.00000	68.24000	0.0	0.0	0.0
				18.00000	37.00000	68.24000	0.0	0.0	0.0
				19.00000	37.00000	68.24000	0.0	0.0	0.0
				20.00000	37.00000	68.24000	0.0	0.0	0.0
				21.00000	37.00000	68.24000	0.0	0.0	0.0
				22.00000	37.00000	68.24000	0.0	0.0	0.0
				23.00000	37.00000	68.24000	0.0	0.0	0.0
				24.00000	37.00000	68.24000	0.0	0.0	0.0
				25.00000	37.00000	68.24000	0.0	0.0	0.0
				26.00000	37.00000	68.24000	0.0	0.0	0.0
				27.00000	37.00000	68.24000	0.0	0.0	0.0
				28.00000	37.00000	68.24000	0.0	0.0	0.0
				29.00000	37.00000	68.24000	0.0	0.0	0.0
				30.00000	37.00000	68.24000	0.0	0.0	0.0
				31.00000	37.00000	68.24000	0.0	0.0	0.0
				32.00000	37.00000	68.24000	0.0	0.0	0.0
				33.00000	37.00000	68.24000	0.0	0.0	0.0
				34.00000	37.00000	68.24000	0.0	0.0	0.0
				35.00000	37.00000	68.24000	0.0	0.0	0.0
				36.00000	37.00000	68.24000	0.0	0.0	0.0
				37.00000	37.00000	68.24000	0.0	0.0	0.0
				38.00000	37.00000	68.24000	0.0	0.0	0.0
				39.00000	37.00000	68.24000	0.0	0.0	0.0
				40.00000	37.00000	68.24000	0.0	0.0	0.0
				41.00000	37.00000	68.24000	0.0	0.0	0.0
				42.00000	37.00000	68.24000	0.0	0.0	0.0
				43.00000	37.00000	68.24000	0.0	0.0	0.0
				44.00000	37.00000	68.24000	0.0	0.0	0.0
				45.00000	37.00000	68.24000	0.0	0.0	0.0
				46.00000	37.00000	68.24000	0.0	0.0	0.0
				47.00000	37.00000	68.24000	0.0	0.0	0.0
				48.00000	37.00000	68.24000	0.0	0.0	0.0
				49.00000	37.00000	68.24000	0.0	0.0	0.0
				50.00000	37.00000	68.24000	0.0	0.0	0.0
				51.00000	37.00000	68.24000	0.0	0.0	0.0
				52.00000	37.00000	68.24000	0.0	0.0	0.0
				53.00000	37.00000	68.24000	0.0	0.0	0.0
				54.00000	37.00000	68.24000	0.0	0.0	0.0
				55.00000	37.00000	68.24000	0.0	0.0	0.0
				56.00000	37.00000	68.24000	0.0	0.0	0.0
				57.00000	37.00000	68.24000	0.0	0.0	0.0
				58.00000	37.00000	68.24000	0.0	0.0	0.0
				59.00000	37.00000	68.24000	0.0	0.0	0.0
				60.00000	37.00000	68.24000	0.0	0.0	0.0
				61.00000	37.00000	68.24000	0.0	0.0	0.0
				62.00000	37.00000	68.24000	0.0	0.0	0.0
				63.00000	37.00000	68.24000	0.0	0.0	0.0
				64.00000	37.00000	68.24000	0.0	0.0	0.0
				65.00000	37.00000	68.24000	0.0	0.0	0.0
				66.00000	37.00000	68.24000	0.0	0.0	0.0
				67.00000	37.00000	68.24000	0.0	0.0	0.0
				68.00000	37.00000	68.24000	0.0	0.0	0.0
				69.00000	37.00000	68.24000	0.0	0.0	0.0
				70.00000	37.00000	68.24000	0.0	0.0	0.0
				71.00000	37.00000	68.24000	0.0	0.0	0.0
				72.00000	37.00000	68.24000	0.0	0.0	0.0
				73.00000	37.00000	68.24000	0.0	0.0	0.0
				74.00000	37.00000	68.24000	0.0	0.0	0.0
				75.00000	37.00000	68.24000	0.0	0.0	0.0
				76.00000	37.00000	68.24000	0.0	0.0	0.0
				77.00000	37.00000	68.24000	0.0	0.0	0.0
				78.00000	37.00000	68.24000	0.0	0.0	0.0
				79.00000	37.00000	68.24000	0.0	0.0	0.0
				80.00000	37.00000	68.24000	0.0	0.0	0.0
				81.00000	37.00000	68.24000	0.0	0.0	0.0
				82.00000	37.00000	68.24000	0.0	0.0	0.0
				83.00000	37.00000	68.24000	0.0	0.0	0.0
				84.00000	37.00000	68.24000	0.0	0.0	0.0
				85.00000	37.00000	68.24000	0.0	0.0	0.0
				86.00000	37.00000	68.24000	0.0	0.0	0.0
				87.00000	37.00000	68.24000	0.0	0.0	0.0
				88.00000	37.00000	68.24000	0.0	0.0	0.0
				89.00000	37.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
90.00000		37.00000		68.24000			0.0	0.0	0.0
91.00000		37.00000		68.24000			0.0	0.0	0.0
92.00000		37.00000		68.24000			0.0	0.0	0.0
93.00000		37.00000		68.24000			0.0	0.0	0.0
94.00000		37.00000		68.24000			0.0	0.0	0.0
95.00000		37.00000		68.24000			0.0	0.0	0.0
96.00000		37.00000		68.24000			0.0	0.0	0.0
97.00000		37.00000		68.24000			0.0	0.0	0.0
98.00000		37.00000		68.24000			0.0	0.0	0.0
99.00000		37.00000		68.24000			0.0	0.0	0.0
100.00000		37.00000		68.24000			0.0	0.0	0.0
0.00000		38.00000		68.24000			0.0	0.0	0.0
1.00000		38.00000		68.24000			0.0	0.0	0.0
2.00000		38.00000		68.24000			0.0	0.0	0.0
3.00000		38.00000		68.24000			0.0	0.0	0.0
4.00000		38.00000		68.24000			0.0	0.0	0.0
5.00000		38.00000		68.24000			0.0	0.0	0.0
6.00000		38.00000		68.24000			0.0	0.0	0.0
7.00000		38.00000		68.24000			0.0	0.0	0.0
8.00000		38.00000		68.24000			0.0	0.0	0.0
9.00000		38.00000		68.24000			0.0	0.0	0.0
10.00000		38.00000		68.24000			0.0	0.0	0.0
11.00000		38.00000		68.24000			0.0	0.0	0.0
12.00000		38.00000		68.24000			0.0	0.0	0.0
13.00000		38.00000		68.24000			0.0	0.0	0.0
14.00000		38.00000		68.24000			0.0	0.0	0.0
15.00000		38.00000		68.24000			0.0	0.0	0.0
16.00000		38.00000		68.24000			0.0	0.0	0.0
17.00000		38.00000		68.24000			0.0	0.0	0.0
18.00000		38.00000		68.24000			0.0	0.0	0.0
19.00000		38.00000		68.24000			0.0	0.0	0.0
20.00000		38.00000		68.24000			0.0	0.0	0.0
21.00000		38.00000		68.24000			0.0	0.0	0.0
22.00000		38.00000		68.24000			0.0	0.0	0.0
23.00000		38.00000		68.24000			0.0	0.0	0.0
24.00000		38.00000		68.24000			0.0	0.0	0.0
25.00000		38.00000		68.24000			0.0	0.0	0.0
26.00000		38.00000		68.24000			0.0	0.0	0.0
27.00000		38.00000		68.24000			0.0	0.0	0.0
28.00000		38.00000		68.24000			0.0	0.0	0.0
29.00000		38.00000		68.24000			0.0	0.0	0.0
30.00000		38.00000		68.24000			0.0	0.0	0.0
31.00000		38.00000		68.24000			0.0	0.0	0.0
32.00000		38.00000		68.24000			0.0	0.0	0.0
33.00000		38.00000		68.24000			0.0	0.0	0.0
34.00000		38.00000		68.24000			0.0	0.0	0.0
35.00000		38.00000		68.24000			0.0	0.0	0.0
36.00000		38.00000		68.24000			0.0	0.0	0.0
37.00000		38.00000		68.24000			0.0	0.0	0.0
38.00000		38.00000		68.24000			0.0	0.0	0.0
39.00000		38.00000		68.24000			0.0	0.0	0.0
40.00000		38.00000		68.24000			0.0	0.0	0.0
41.00000		38.00000		68.24000			0.0	0.0	0.0
42.00000		38.00000		68.24000			0.0	0.0	0.0
43.00000		38.00000		68.24000			0.0	0.0	0.0
44.00000		38.00000		68.24000			0.0	0.0	0.0
45.00000		38.00000		68.24000			0.0	0.0	0.0
46.00000		38.00000		68.24000			0.0	0.0	0.0
47.00000		38.00000		68.24000			0.0	0.0	0.0
48.00000		38.00000		68.24000			0.0	0.0	0.0
49.00000		38.00000		68.24000			0.0	0.0	0.0
50.00000		38.00000		68.24000			0.0	0.0	0.0
51.00000		38.00000		68.24000			0.0	0.0	0.0
52.00000		38.00000		68.24000			0.0	0.0	0.0
53.00000		38.00000		68.24000			0.0	0.0	0.0
54.00000		38.00000		68.24000			0.0	0.0	0.0
55.00000		38.00000		68.24000			0.0	0.0	0.0
56.00000		38.00000		68.24000			0.0	0.0	0.0
57.00000		38.00000		68.24000			0.0	0.0	0.0
58.00000		38.00000		68.24000			0.0	0.0	0.0
59.00000		38.00000		68.24000			0.0	0.0	0.0
60.00000		38.00000		68.24000			0.0	0.0	0.0
61.00000		38.00000		68.24000			0.0	0.0	0.0
62.00000		38.00000		68.24000			0.0	0.0	0.0
63.00000		38.00000		68.24000			0.0	0.0	0.0
64.00000		38.00000		68.24000			0.0	0.0	0.0
65.00000		38.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				66.00000	38.00000	68.24000	0.0	0.0	0.0
				67.00000	38.00000	68.24000	0.0	0.0	0.0
				68.00000	38.00000	68.24000	0.0	0.0	0.0
				69.00000	38.00000	68.24000	0.0	0.0	0.0
				70.00000	38.00000	68.24000	0.0	0.0	0.0
				71.00000	38.00000	68.24000	0.0	0.0	0.0
				72.00000	38.00000	68.24000	0.0	0.0	0.0
				73.00000	38.00000	68.24000	0.0	0.0	0.0
				74.00000	38.00000	68.24000	0.0	0.0	0.0
				75.00000	38.00000	68.24000	0.0	0.0	0.0
				76.00000	38.00000	68.24000	0.0	0.0	0.0
				77.00000	38.00000	68.24000	0.0	0.0	0.0
				78.00000	38.00000	68.24000	0.0	0.0	0.0
				79.00000	38.00000	68.24000	0.0	0.0	0.0
				80.00000	38.00000	68.24000	0.0	0.0	0.0
				81.00000	38.00000	68.24000	0.0	0.0	0.0
				82.00000	38.00000	68.24000	0.0	0.0	0.0
				83.00000	38.00000	68.24000	0.0	0.0	0.0
				84.00000	38.00000	68.24000	0.0	0.0	0.0
				85.00000	38.00000	68.24000	0.0	0.0	0.0
				86.00000	38.00000	68.24000	0.0	0.0	0.0
				87.00000	38.00000	68.24000	0.0	0.0	0.0
				88.00000	38.00000	68.24000	0.0	0.0	0.0
				89.00000	38.00000	68.24000	0.0	0.0	0.0
				90.00000	38.00000	68.24000	0.0	0.0	0.0
				91.00000	38.00000	68.24000	0.0	0.0	0.0
				92.00000	38.00000	68.24000	0.0	0.0	0.0
				93.00000	38.00000	68.24000	0.0	0.0	0.0
				94.00000	38.00000	68.24000	0.0	0.0	0.0
				95.00000	38.00000	68.24000	0.0	0.0	0.0
				96.00000	38.00000	68.24000	0.0	0.0	0.0
				97.00000	38.00000	68.24000	0.0	0.0	0.0
				98.00000	38.00000	68.24000	0.0	0.0	0.0
				99.00000	38.00000	68.24000	0.0	0.0	0.0
				100.00000	38.00000	68.24000	0.0	0.0	0.0
				0.00000	39.00000	68.24000	0.0	0.0	0.0
				1.00000	39.00000	68.24000	0.0	0.0	0.0
				2.00000	39.00000	68.24000	0.0	0.0	0.0
				3.00000	39.00000	68.24000	0.0	0.0	0.0
				4.00000	39.00000	68.24000	0.0	0.0	0.0
				5.00000	39.00000	68.24000	0.0	0.0	0.0
				6.00000	39.00000	68.24000	0.0	0.0	0.0
				7.00000	39.00000	68.24000	0.0	0.0	0.0
				8.00000	39.00000	68.24000	0.0	0.0	0.0
				9.00000	39.00000	68.24000	0.0	0.0	0.0
				10.00000	39.00000	68.24000	0.0	0.0	0.0
				11.00000	39.00000	68.24000	0.0	0.0	0.0
				12.00000	39.00000	68.24000	0.0	0.0	0.0
				13.00000	39.00000	68.24000	0.0	0.0	0.0
				14.00000	39.00000	68.24000	0.0	0.0	0.0
				15.00000	39.00000	68.24000	0.0	0.0	0.0
				16.00000	39.00000	68.24000	0.0	0.0	0.0
				17.00000	39.00000	68.24000	0.0	0.0	0.0
				18.00000	39.00000	68.24000	0.0	0.0	0.0
				19.00000	39.00000	68.24000	0.0	0.0	0.0
				20.00000	39.00000	68.24000	0.0	0.0	0.0
				21.00000	39.00000	68.24000	0.0	0.0	0.0
				22.00000	39.00000	68.24000	0.0	0.0	0.0
				23.00000	39.00000	68.24000	0.0	0.0	0.0
				24.00000	39.00000	68.24000	0.0	0.0	0.0
				25.00000	39.00000	68.24000	0.0	0.0	0.0
				26.00000	39.00000	68.24000	0.0	0.0	0.0
				27.00000	39.00000	68.24000	0.0	0.0	0.0
				28.00000	39.00000	68.24000	0.0	0.0	0.0
				29.00000	39.00000	68.24000	0.0	0.0	0.0
				30.00000	39.00000	68.24000	0.0	0.0	0.0
				31.00000	39.00000	68.24000	0.0	0.0	0.0
				32.00000	39.00000	68.24000	0.0	0.0	0.0
				33.00000	39.00000	68.24000	0.0	0.0	0.0
				34.00000	39.00000	68.24000	0.0	0.0	0.0
				35.00000	39.00000	68.24000	0.0	0.0	0.0
				36.00000	39.00000	68.24000	0.0	0.0	0.0
				37.00000	39.00000	68.24000	0.0	0.0	0.0
				38.00000	39.00000	68.24000	0.0	0.0	0.0
				39.00000	39.00000	68.24000	0.0	0.0	0.0
				40.00000	39.00000	68.24000	0.0	0.0	0.0
				41.00000	39.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				42.00000	39.00000	68.24000	0.0	0.0	0.0
				43.00000	39.00000	68.24000	0.0	0.0	0.0
				44.00000	39.00000	68.24000	0.0	0.0	0.0
				45.00000	39.00000	68.24000	0.0	0.0	0.0
				46.00000	39.00000	68.24000	0.0	0.0	0.0
				47.00000	39.00000	68.24000	0.0	0.0	0.0
				48.00000	39.00000	68.24000	0.0	0.0	0.0
				49.00000	39.00000	68.24000	0.0	0.0	0.0
				50.00000	39.00000	68.24000	0.0	0.0	0.0
				51.00000	39.00000	68.24000	0.0	0.0	0.0
				52.00000	39.00000	68.24000	0.0	0.0	0.0
				53.00000	39.00000	68.24000	0.0	0.0	0.0
				54.00000	39.00000	68.24000	0.0	0.0	0.0
				55.00000	39.00000	68.24000	0.0	0.0	0.0
				56.00000	39.00000	68.24000	0.0	0.0	0.0
				57.00000	39.00000	68.24000	0.0	0.0	0.0
				58.00000	39.00000	68.24000	0.0	0.0	0.0
				59.00000	39.00000	68.24000	0.0	0.0	0.0
				60.00000	39.00000	68.24000	0.0	0.0	0.0
				61.00000	39.00000	68.24000	0.0	0.0	0.0
				62.00000	39.00000	68.24000	0.0	0.0	0.0
				63.00000	39.00000	68.24000	0.0	0.0	0.0
				64.00000	39.00000	68.24000	0.0	0.0	0.0
				65.00000	39.00000	68.24000	0.0	0.0	0.0
				66.00000	39.00000	68.24000	-0.026982	0.18348	0.70293
				67.00000	39.00000	68.24000	-0.019467	0.13237	0.60472
				68.00000	39.00000	68.24000	-0.011952	0.081274	0.48759
				69.00000	39.00000	68.24000	-0.0044372	0.030173	0.34968
				70.00000	39.00000	68.24000	0.0	0.0	0.0
				71.00000	39.00000	68.24000	0.0	0.0	0.0
				72.00000	39.00000	68.24000	0.0	0.0	0.0
				73.00000	39.00000	68.24000	0.0	0.0	0.0
				74.00000	39.00000	68.24000	0.0	0.0	0.0
				75.00000	39.00000	68.24000	0.0	0.0	0.0
				76.00000	39.00000	68.24000	0.0	0.0	0.0
				77.00000	39.00000	68.24000	0.0	0.0	0.0
				78.00000	39.00000	68.24000	0.0	0.0	0.0
				79.00000	39.00000	68.24000	0.0	0.0	0.0
				80.00000	39.00000	68.24000	0.0	0.0	0.0
				81.00000	39.00000	68.24000	0.0	0.0	0.0
				82.00000	39.00000	68.24000	0.0	0.0	0.0
				83.00000	39.00000	68.24000	0.0	0.0	0.0
				84.00000	39.00000	68.24000	0.0	0.0	0.0
				85.00000	39.00000	68.24000	0.0	0.0	0.0
				86.00000	39.00000	68.24000	0.0	0.0	0.0
				87.00000	39.00000	68.24000	0.0	0.0	0.0
				88.00000	39.00000	68.24000	0.0	0.0	0.0
				89.00000	39.00000	68.24000	0.0	0.0	0.0
				90.00000	39.00000	68.24000	0.0	0.0	0.0
				91.00000	39.00000	68.24000	0.0	0.0	0.0
				92.00000	39.00000	68.24000	0.0	0.0	0.0
				93.00000	39.00000	68.24000	0.0	0.0	0.0
				94.00000	39.00000	68.24000	0.0	0.0	0.0
				95.00000	39.00000	68.24000	0.0	0.0	0.0
				96.00000	39.00000	68.24000	0.0	0.0	0.0
				97.00000	39.00000	68.24000	0.0	0.0	0.0
				98.00000	39.00000	68.24000	0.0	0.0	0.0
				99.00000	39.00000	68.24000	0.0	0.0	0.0
				100.00000	39.00000	68.24000	0.0	0.0	0.0
				0.00000	40.00000	68.24000	0.0	0.0	0.0
				1.00000	40.00000	68.24000	0.0	0.0	0.0
				2.00000	40.00000	68.24000	0.0	0.0	0.0
				3.00000	40.00000	68.24000	0.0	0.0	0.0
				4.00000	40.00000	68.24000	0.0	0.0	0.0
				5.00000	40.00000	68.24000	0.0	0.0	0.0
				6.00000	40.00000	68.24000	0.0	0.0	0.0
				7.00000	40.00000	68.24000	0.0	0.0	0.0
				8.00000	40.00000	68.24000	0.0	0.0	0.0
				9.00000	40.00000	68.24000	0.0	0.0	0.0
				10.00000	40.00000	68.24000	0.0	0.0	0.0
				11.00000	40.00000	68.24000	0.0	0.0	0.0
				12.00000	40.00000	68.24000	0.0	0.0	0.0
				13.00000	40.00000	68.24000	0.0	0.0	0.0
				14.00000	40.00000	68.24000	0.0	0.0	0.0
				15.00000	40.00000	68.24000	0.0	0.0	0.0
				16.00000	40.00000	68.24000	0.0	0.0	0.0
				17.00000	40.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
18.00000	40.00000	68.24000		18.00000	40.00000	68.24000	0.0	0.0	0.0
19.00000	40.00000	68.24000		19.00000	40.00000	68.24000	0.0	0.0	0.0
20.00000	40.00000	68.24000		20.00000	40.00000	68.24000	0.0	0.0	0.0
21.00000	40.00000	68.24000		21.00000	40.00000	68.24000	0.0	0.0	0.0
22.00000	40.00000	68.24000		22.00000	40.00000	68.24000	0.0	0.0	0.0
23.00000	40.00000	68.24000		23.00000	40.00000	68.24000	0.0	0.0	0.0
24.00000	40.00000	68.24000		24.00000	40.00000	68.24000	0.0	0.0	0.0
25.00000	40.00000	68.24000		25.00000	40.00000	68.24000	0.0	0.0	0.0
26.00000	40.00000	68.24000		26.00000	40.00000	68.24000	0.0	0.0	0.0
27.00000	40.00000	68.24000		27.00000	40.00000	68.24000	0.0	0.0	0.0
28.00000	40.00000	68.24000		28.00000	40.00000	68.24000	0.0	0.0	0.0
29.00000	40.00000	68.24000		29.00000	40.00000	68.24000	0.0	0.0	0.0
30.00000	40.00000	68.24000		30.00000	40.00000	68.24000	0.0	0.0	0.0
31.00000	40.00000	68.24000		31.00000	40.00000	68.24000	0.0	0.0	0.0
32.00000	40.00000	68.24000		32.00000	40.00000	68.24000	0.0	0.0	0.0
33.00000	40.00000	68.24000		33.00000	40.00000	68.24000	0.0	0.0	0.0
34.00000	40.00000	68.24000		34.00000	40.00000	68.24000	0.0	0.0	0.0
35.00000	40.00000	68.24000		35.00000	40.00000	68.24000	0.0	0.0	0.0
36.00000	40.00000	68.24000		36.00000	40.00000	68.24000	0.0	0.0	0.0
37.00000	40.00000	68.24000		37.00000	40.00000	68.24000	0.0	0.0	0.0
38.00000	40.00000	68.24000		38.00000	40.00000	68.24000	0.0	0.0	0.0
39.00000	40.00000	68.24000		39.00000	40.00000	68.24000	0.0	0.0	0.0
40.00000	40.00000	68.24000		40.00000	40.00000	68.24000	0.0	0.0	0.0
41.00000	40.00000	68.24000		41.00000	40.00000	68.24000	0.0	0.0	0.0
42.00000	40.00000	68.24000		42.00000	40.00000	68.24000	0.0	0.0	0.0
43.00000	40.00000	68.24000		43.00000	40.00000	68.24000	0.0	0.0	0.0
44.00000	40.00000	68.24000		44.00000	40.00000	68.24000	0.0	0.0	0.0
45.00000	40.00000	68.24000		45.00000	40.00000	68.24000	0.0	0.0	0.0
46.00000	40.00000	68.24000		46.00000	40.00000	68.24000	0.0	0.0	0.0
47.00000	40.00000	68.24000		47.00000	40.00000	68.24000	0.0	0.0	0.0
48.00000	40.00000	68.24000		48.00000	40.00000	68.24000	0.0	0.0	0.0
49.00000	40.00000	68.24000		49.00000	40.00000	68.24000	0.0	0.0	0.0
50.00000	40.00000	68.24000		50.00000	40.00000	68.24000	0.0	0.059140	0.23467
51.00000	40.00000	68.24000		51.00000	40.00000	68.24000	0.0	0.17040	0.67616
52.00000	40.00000	68.24000		52.00000	40.00000	68.24000	0.0	0.17040	0.67616
53.00000	40.00000	68.24000		53.00000	40.00000	68.24000	0.0	0.17040	0.67616
54.00000	40.00000	68.24000		54.00000	40.00000	68.24000	0.0	0.17040	0.67616
55.00000	40.00000	68.24000		55.00000	40.00000	68.24000	0.0	0.17040	0.67616
56.00000	40.00000	68.24000		56.00000	40.00000	68.24000	0.0	0.17040	0.67616
57.00000	40.00000	68.24000		57.00000	40.00000	68.24000	0.0	0.17040	0.67616
58.00000	40.00000	68.24000		58.00000	40.00000	68.24000	0.0	0.17040	0.67616
59.00000	40.00000	68.24000		59.00000	40.00000	68.24000	0.0	0.0	0.0
60.00000	40.00000	68.24000		60.00000	40.00000	68.24000	0.0	0.0	0.0
61.00000	40.00000	68.24000		61.00000	40.00000	68.24000	0.0	0.0	0.0
62.00000	40.00000	68.24000		62.00000	40.00000	68.24000	0.0	0.0	0.0
63.00000	40.00000	68.24000		63.00000	40.00000	68.24000	0.0	0.0	0.0
64.00000	40.00000	68.24000		64.00000	40.00000	68.24000	0.0	0.0	0.0
65.00000	40.00000	68.24000		65.00000	40.00000	68.24000	0.0	0.0	0.0
66.00000	40.00000	68.24000		66.00000	40.00000	68.24000	-0.078082	0.53096	1.0003
67.00000	40.00000	68.24000		67.00000	40.00000	68.24000	-0.070568	0.47986	0.98678
68.00000	40.00000	68.24000		68.00000	40.00000	68.24000	-0.063053	0.42876	0.96520
69.00000	40.00000	68.24000		69.00000	40.00000	68.24000	0.0	0.0	0.0
70.00000	40.00000	68.24000		70.00000	40.00000	68.24000	0.0	0.0	0.0
71.00000	40.00000	68.24000		71.00000	40.00000	68.24000	0.0	0.0	0.0
72.00000	40.00000	68.24000		72.00000	40.00000	68.24000	0.0	0.0	0.0
73.00000	40.00000	68.24000		73.00000	40.00000	68.24000	0.0	0.0	0.0
74.00000	40.00000	68.24000		74.00000	40.00000	68.24000	0.0	0.0	0.0
75.00000	40.00000	68.24000		75.00000	40.00000	68.24000	0.0	0.0	0.0
76.00000	40.00000	68.24000		76.00000	40.00000	68.24000	0.0	0.0	0.0
77.00000	40.00000	68.24000		77.00000	40.00000	68.24000	0.0	0.0	0.0
78.00000	40.00000	68.24000		78.00000	40.00000	68.24000	0.0	0.0	0.0
79.00000	40.00000	68.24000		79.00000	40.00000	68.24000	0.0	0.0	0.0
80.00000	40.00000	68.24000		80.00000	40.00000	68.24000	0.0	0.0	0.0
81.00000	40.00000	68.24000		81.00000	40.00000	68.24000	0.0	0.0	0.0
82.00000	40.00000	68.24000		82.00000	40.00000	68.24000	0.0	0.0	0.0
83.00000	40.00000	68.24000		83.00000	40.00000	68.24000	0.0	0.0	0.0
84.00000	40.00000	68.24000		84.00000	40.00000	68.24000	0.0	0.0	0.0
85.00000	40.00000	68.24000		85.00000	40.00000	68.24000	0.0	0.0	0.0
86.00000	40.00000	68.24000		86.00000	40.00000	68.24000	0.0	0.0	0.0
87.00000	40.00000	68.24000		87.00000	40.00000	68.24000	0.0	0.0	0.0
88.00000	40.00000	68.24000		88.00000	40.00000	68.24000	0.0	0.0	0.0
89.00000	40.00000	68.24000		89.00000	40.00000	68.24000	0.0	0.0	0.0
90.00000	40.00000	68.24000		90.00000	40.00000	68.24000	0.0	0.0	0.0
91.00000	40.00000	68.24000		91.00000	40.00000	68.24000	0.0	0.0	0.0
92.00000	40.00000	68.24000		92.00000	40.00000	68.24000	0.0	0.0	0.0
93.00000	40.00000	68.24000		93.00000	40.00000	68.24000	0.0	0.0	0.0
94.00000	40.00000	68.24000		94.00000	40.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				95.00000	40.00000	68.24000	0.0	0.0	0.0
				96.00000	40.00000	68.24000	0.0	0.0	0.0
				97.00000	40.00000	68.24000	0.0	0.0	0.0
				98.00000	40.00000	68.24000	0.0	0.0	0.0
				99.00000	40.00000	68.24000	0.0	0.0	0.0
				100.00000	40.00000	68.24000	0.0	0.0	0.0
				0.00000	41.00000	68.24000	0.0	0.0	0.0
				1.00000	41.00000	68.24000	0.0	0.0	0.0
				2.00000	41.00000	68.24000	0.0	0.0	0.0
				3.00000	41.00000	68.24000	0.0	0.0	0.0
				4.00000	41.00000	68.24000	0.0	0.0	0.0
				5.00000	41.00000	68.24000	0.0	0.0	0.0
				6.00000	41.00000	68.24000	0.0	0.0	0.0
				7.00000	41.00000	68.24000	0.0	0.0	0.0
				8.00000	41.00000	68.24000	0.0	0.0	0.0
				9.00000	41.00000	68.24000	0.0	0.0	0.0
				10.00000	41.00000	68.24000	0.0	0.0	0.0
				11.00000	41.00000	68.24000	0.0	0.0	0.0
				12.00000	41.00000	68.24000	0.0	0.0	0.0
				13.00000	41.00000	68.24000	0.0	0.0	0.0
				14.00000	41.00000	68.24000	0.0	0.0	0.0
				15.00000	41.00000	68.24000	0.0	0.0	0.0
				16.00000	41.00000	68.24000	0.0	0.0	0.0
				17.00000	41.00000	68.24000	0.0	0.0	0.0
				18.00000	41.00000	68.24000	0.0	0.0	0.0
				19.00000	41.00000	68.24000	0.0	0.0	0.0
				20.00000	41.00000	68.24000	0.0	0.0	0.0
				21.00000	41.00000	68.24000	0.0	0.0	0.0
				22.00000	41.00000	68.24000	0.0	0.0	0.0
				23.00000	41.00000	68.24000	0.0	0.0	0.0
				24.00000	41.00000	68.24000	0.0	0.0	0.0
				25.00000	41.00000	68.24000	0.0	0.0	0.0
				26.00000	41.00000	68.24000	0.0	0.0	0.0
				27.00000	41.00000	68.24000	0.0	0.0	0.0
				28.00000	41.00000	68.24000	0.0	0.0	0.0
				29.00000	41.00000	68.24000	0.0	0.0	0.0
				30.00000	41.00000	68.24000	0.0	0.0	0.0
				31.00000	41.00000	68.24000	0.0	0.0	0.0
				32.00000	41.00000	68.24000	0.0	0.0	0.0
				33.00000	41.00000	68.24000	0.0	0.0	0.0
				34.00000	41.00000	68.24000	0.0	0.0	0.0
				35.00000	41.00000	68.24000	0.0	0.0	0.0
				36.00000	41.00000	68.24000	0.0	0.0	0.0
				37.00000	41.00000	68.24000	0.0	0.0	0.0
				38.00000	41.00000	68.24000	0.0	0.0	0.0
				39.00000	41.00000	68.24000	0.0	0.0	0.0
				40.00000	41.00000	68.24000	0.0	0.0	0.0
				41.00000	41.00000	68.24000	0.0	0.0	0.0
				42.00000	41.00000	68.24000	0.0	0.0	0.0
				43.00000	41.00000	68.24000	0.0	0.0	0.0
				44.00000	41.00000	68.24000	0.0	0.0	0.0
				45.00000	41.00000	68.24000	0.0	0.0	0.0
				46.00000	41.00000	68.24000	0.0	0.0	0.0
				47.00000	41.00000	68.24000	0.0	0.0	0.0
				48.00000	41.00000	68.24000	0.0	0.0	0.0
				49.00000	41.00000	68.24000	0.0	0.0	0.0
				50.00000	41.00000	68.24000	0.0	0.18235	0.34636
				51.00000	41.00000	68.24000	0.0	0.52540	0.99796
				52.00000	41.00000	68.24000	0.0	0.52540	0.99796
				53.00000	41.00000	68.24000	0.0	0.52540	0.99796
				54.00000	41.00000	68.24000	0.0	0.52540	0.99796
				55.00000	41.00000	68.24000	0.0	0.52540	0.99796
				56.00000	41.00000	68.24000	0.0	0.52540	0.99796
				57.00000	41.00000	68.24000	0.0	0.52540	0.99796
				58.00000	41.00000	68.24000	0.0	0.52540	0.99796
				59.00000	41.00000	68.24000	0.0	0.0	0.0
				60.00000	41.00000	68.24000	0.0	0.0	0.0
				61.00000	41.00000	68.24000	0.0	0.0	0.0
				62.00000	41.00000	68.24000	0.0	0.0	0.0
				63.00000	41.00000	68.24000	0.0	0.0	0.0
				64.00000	41.00000	68.24000	-0.0034913	0.0057682	0.11611
				65.00000	41.00000	68.24000	0.0	0.0	0.0
				66.00000	41.00000	68.24000	-0.12918	0.87845	0.97598
				67.00000	41.00000	68.24000	-0.12167	0.82735	0.98483
				68.00000	41.00000	68.24000	-0.11415	0.77624	0.99353
				69.00000	41.00000	68.24000	0.0	0.0	0.0
				70.00000	41.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				71.00000	41.00000	68.24000	0.0	0.0	0.0
				72.00000	41.00000	68.24000	0.0	0.0	0.0
				73.00000	41.00000	68.24000	0.0	0.0	0.0
				74.00000	41.00000	68.24000	0.0	0.0	0.0
				75.00000	41.00000	68.24000	0.0	0.0	0.0
				76.00000	41.00000	68.24000	0.0	0.0	0.0
				77.00000	41.00000	68.24000	0.0	0.0	0.0
				78.00000	41.00000	68.24000	0.0	0.0	0.0
				79.00000	41.00000	68.24000	0.0	0.0	0.0
				80.00000	41.00000	68.24000	0.0	0.0	0.0
				81.00000	41.00000	68.24000	0.0	0.0	0.0
				82.00000	41.00000	68.24000	0.0	0.0	0.0
				83.00000	41.00000	68.24000	0.0	0.0	0.0
				84.00000	41.00000	68.24000	0.0	0.0	0.0
				85.00000	41.00000	68.24000	0.0	0.0	0.0
				86.00000	41.00000	68.24000	0.0	0.0	0.0
				87.00000	41.00000	68.24000	0.0	0.0	0.0
				88.00000	41.00000	68.24000	0.0	0.0	0.0
				89.00000	41.00000	68.24000	0.0	0.0	0.0
				90.00000	41.00000	68.24000	0.0	0.0	0.0
				91.00000	41.00000	68.24000	0.0	0.0	0.0
				92.00000	41.00000	68.24000	0.0	0.0	0.0
				93.00000	41.00000	68.24000	0.0	0.0	0.0
				94.00000	41.00000	68.24000	0.0	0.0	0.0
				95.00000	41.00000	68.24000	0.0	0.0	0.0
				96.00000	41.00000	68.24000	0.0	0.0	0.0
				97.00000	41.00000	68.24000	0.0	0.0	0.0
				98.00000	41.00000	68.24000	0.0	0.0	0.0
				99.00000	41.00000	68.24000	0.0	0.0	0.0
				100.00000	41.00000	68.24000	0.0	0.0	0.0
				0.00000	42.00000	68.24000	0.0	0.0	0.0
				1.00000	42.00000	68.24000	0.0	0.0	0.0
				2.00000	42.00000	68.24000	0.0	0.0	0.0
				3.00000	42.00000	68.24000	0.0	0.0	0.0
				4.00000	42.00000	68.24000	0.0	0.0	0.0
				5.00000	42.00000	68.24000	0.0	0.0	0.0
				6.00000	42.00000	68.24000	0.0	0.0	0.0
				7.00000	42.00000	68.24000	0.0	0.0	0.0
				8.00000	42.00000	68.24000	0.0	0.0	0.0
				9.00000	42.00000	68.24000	0.0	0.0	0.0
				10.00000	42.00000	68.24000	0.0	0.0	0.0
				11.00000	42.00000	68.24000	0.0	0.0	0.0
				12.00000	42.00000	68.24000	0.0	0.0	0.0
				13.00000	42.00000	68.24000	0.0	0.0	0.0
				14.00000	42.00000	68.24000	0.0	0.0	0.0
				15.00000	42.00000	68.24000	0.0	0.0	0.0
				16.00000	42.00000	68.24000	0.0	0.0	0.0
				17.00000	42.00000	68.24000	0.0	0.0	0.0
				18.00000	42.00000	68.24000	0.0	0.0	0.0
				19.00000	42.00000	68.24000	0.0	0.0	0.0
				20.00000	42.00000	68.24000	0.0	0.0	0.0
				21.00000	42.00000	68.24000	0.0	0.0	0.0
				22.00000	42.00000	68.24000	0.0	0.0	0.0
				23.00000	42.00000	68.24000	0.0	0.0	0.0
				24.00000	42.00000	68.24000	0.0	0.0	0.0
				25.00000	42.00000	68.24000	0.0	0.0	0.0
				26.00000	42.00000	68.24000	0.0	0.0	0.0
				27.00000	42.00000	68.24000	0.0	0.0	0.0
				28.00000	42.00000	68.24000	0.0	0.0	0.0
				29.00000	42.00000	68.24000	0.0	0.0	0.0
				30.00000	42.00000	68.24000	0.0	0.0	0.0
				31.00000	42.00000	68.24000	0.0	0.0	0.0
				32.00000	42.00000	68.24000	0.0	0.0	0.0
				33.00000	42.00000	68.24000	0.0	0.0	0.0
				34.00000	42.00000	68.24000	0.0	0.0	0.0
				35.00000	42.00000	68.24000	0.0	0.0	0.0
				36.00000	42.00000	68.24000	0.0	0.0	0.0
				37.00000	42.00000	68.24000	0.0	0.0	0.0
				38.00000	42.00000	68.24000	0.0	0.0	0.0
				39.00000	42.00000	68.24000	0.0	0.0	0.0
				40.00000	42.00000	68.24000	0.0	0.0	0.0
				41.00000	42.00000	68.24000	0.0	0.0	0.0
				42.00000	42.00000	68.24000	0.0	0.0	0.0
				43.00000	42.00000	68.24000	0.0	0.0	0.0
				44.00000	42.00000	68.24000	0.0	0.0	0.0
				45.00000	42.00000	68.24000	0.0	0.0	0.0
				46.00000	42.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
47.00000		42.00000		68.24000			0.0	0.0	0.0
48.00000		42.00000		68.24000			0.0	0.0	0.0
49.00000		42.00000		68.24000			-428.18E-6	0.0040677	0.27053
50.00000		42.00000		68.24000			0.0	0.30556	0.33917
51.00000		42.00000		68.24000			0.0	0.88040	0.97724
52.00000		42.00000		68.24000			0.0	0.88040	0.97724
53.00000		42.00000		68.24000			0.0	0.88040	0.97724
54.00000		42.00000		68.24000			0.0	0.88040	0.97724
55.00000		42.00000		68.24000			0.0	0.88040	0.97724
56.00000		42.00000		68.24000			0.0	0.88040	0.97724
57.00000		42.00000		68.24000			0.0	0.88040	0.97724
58.00000		42.00000		68.24000			0.0	0.88040	0.97724
59.00000		42.00000		68.24000			0.17708	0.17000	0.37306
60.00000		42.00000		68.24000			0.0	0.0	0.0
61.00000		42.00000		68.24000			0.0	0.0	0.0
62.00000		42.00000		68.24000			0.0	0.0	0.0
63.00000		42.00000		68.24000			-0.25593	0.42284	0.37393
64.00000		42.00000		68.24000			-0.16075	0.26559	0.36447
65.00000		42.00000		68.24000			-0.065567	0.10833	0.33429
66.00000		42.00000		68.24000			-0.18028	1.2259	0.97533
67.00000		42.00000		68.24000			-0.17277	1.1748	0.96435
68.00000		42.00000		68.24000			-0.16525	1.1237	0.95815
69.00000		42.00000		68.24000			0.0	0.0	0.0
70.00000		42.00000		68.24000			0.0	0.0	0.0
71.00000		42.00000		68.24000			0.0	0.0	0.0
72.00000		42.00000		68.24000			0.0	0.0	0.0
73.00000		42.00000		68.24000			0.0	0.0	0.0
74.00000		42.00000		68.24000			0.0	0.0	0.0
75.00000		42.00000		68.24000			0.0	0.0	0.0
76.00000		42.00000		68.24000			0.0	0.0	0.0
77.00000		42.00000		68.24000			0.0	0.0	0.0
78.00000		42.00000		68.24000			0.0	0.0	0.0
79.00000		42.00000		68.24000			0.0	0.0	0.0
80.00000		42.00000		68.24000			0.0	0.0	0.0
81.00000		42.00000		68.24000			0.0	0.0	0.0
82.00000		42.00000		68.24000			0.0	0.0	0.0
83.00000		42.00000		68.24000			0.0	0.0	0.0
84.00000		42.00000		68.24000			0.0	0.0	0.0
85.00000		42.00000		68.24000			0.0	0.0	0.0
86.00000		42.00000		68.24000			0.0	0.0	0.0
87.00000		42.00000		68.24000			0.0	0.0	0.0
88.00000		42.00000		68.24000			0.0	0.0	0.0
89.00000		42.00000		68.24000			0.0	0.0	0.0
90.00000		42.00000		68.24000			0.0	0.0	0.0
91.00000		42.00000		68.24000			0.0	0.0	0.0
92.00000		42.00000		68.24000			0.0	0.0	0.0
93.00000		42.00000		68.24000			0.0	0.0	0.0
94.00000		42.00000		68.24000			0.0	0.0	0.0
95.00000		42.00000		68.24000			0.0	0.0	0.0
96.00000		42.00000		68.24000			0.0	0.0	0.0
97.00000		42.00000		68.24000			0.0	0.0	0.0
98.00000		42.00000		68.24000			0.0	0.0	0.0
99.00000		42.00000		68.24000			0.0	0.0	0.0
100.00000		42.00000		68.24000			0.0	0.0	0.0
0.00000		43.00000		68.24000			0.0	0.0	0.0
1.00000		43.00000		68.24000			0.0	0.0	0.0
2.00000		43.00000		68.24000			0.0	0.0	0.0
3.00000		43.00000		68.24000			0.0	0.0	0.0
4.00000		43.00000		68.24000			0.0	0.0	0.0
5.00000		43.00000		68.24000			0.0	0.0	0.0
6.00000		43.00000		68.24000			0.0	0.0	0.0
7.00000		43.00000		68.24000			0.0	0.0	0.0
8.00000		43.00000		68.24000			0.0	0.0	0.0
9.00000		43.00000		68.24000			0.0	0.0	0.0
10.00000		43.00000		68.24000			0.0	0.0	0.0
11.00000		43.00000		68.24000			0.0	0.0	0.0
12.00000		43.00000		68.24000			0.0	0.0	0.0
13.00000		43.00000		68.24000			0.0	0.0	0.0
14.00000		43.00000		68.24000			0.0	0.0	0.0
15.00000		43.00000		68.24000			0.0	0.0	0.0
16.00000		43.00000		68.24000			0.0	0.0	0.0
17.00000		43.00000		68.24000			0.0	0.0	0.0
18.00000		43.00000		68.24000			0.0	0.0	0.0
19.00000		43.00000		68.24000			0.0	0.0	0.0
20.00000		43.00000		68.24000			0.0	0.0	0.0
21.00000		43.00000		68.24000			0.0	0.0	0.0
22.00000		43.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
23.00000	43.00000	68.24000		23.00000	43.00000	68.24000	0.0	0.0	0.0
24.00000	43.00000	68.24000		24.00000	43.00000	68.24000	0.0	0.0	0.0
25.00000	43.00000	68.24000		25.00000	43.00000	68.24000	0.0	0.0	0.0
26.00000	43.00000	68.24000		26.00000	43.00000	68.24000	0.0	0.0	0.0
27.00000	43.00000	68.24000		27.00000	43.00000	68.24000	0.0	0.0	0.0
28.00000	43.00000	68.24000		28.00000	43.00000	68.24000	0.0	0.0	0.0
29.00000	43.00000	68.24000		29.00000	43.00000	68.24000	0.0	0.0	0.0
30.00000	43.00000	68.24000		30.00000	43.00000	68.24000	0.0	0.0	0.0
31.00000	43.00000	68.24000		31.00000	43.00000	68.24000	0.0	0.0	0.0
32.00000	43.00000	68.24000		32.00000	43.00000	68.24000	0.0	0.0	0.0
33.00000	43.00000	68.24000		33.00000	43.00000	68.24000	0.0	0.0	0.0
34.00000	43.00000	68.24000		34.00000	43.00000	68.24000	0.0	0.0	0.0
35.00000	43.00000	68.24000		35.00000	43.00000	68.24000	0.0	0.0	0.0
36.00000	43.00000	68.24000		36.00000	43.00000	68.24000	0.0	0.0	0.0
37.00000	43.00000	68.24000		37.00000	43.00000	68.24000	0.0	0.0	0.0
38.00000	43.00000	68.24000		38.00000	43.00000	68.24000	0.0	0.0	0.0
39.00000	43.00000	68.24000		39.00000	43.00000	68.24000	0.0	0.0	0.0
40.00000	43.00000	68.24000		40.00000	43.00000	68.24000	0.0	0.0	0.0
41.00000	43.00000	68.24000		41.00000	43.00000	68.24000	0.0	0.0	0.0
42.00000	43.00000	68.24000		42.00000	43.00000	68.24000	0.0	0.0	0.0
43.00000	43.00000	68.24000		43.00000	43.00000	68.24000	0.0	0.0	0.0
44.00000	43.00000	68.24000		44.00000	43.00000	68.24000	0.0	0.0	0.0
45.00000	43.00000	68.24000		45.00000	43.00000	68.24000	0.0	0.0	0.0
46.00000	43.00000	68.24000		46.00000	43.00000	68.24000	0.0	0.0	0.0
47.00000	43.00000	68.24000		47.00000	43.00000	68.24000	0.0	0.0	0.0
48.00000	43.00000	68.24000		48.00000	43.00000	68.24000	0.0	0.0	0.0
49.00000	43.00000	68.24000		49.00000	43.00000	68.24000	-0.037387	0.35518	0.91562
50.00000	43.00000	68.24000		50.00000	43.00000	68.24000	-0.033497	0.74698	1.2207
51.00000	43.00000	68.24000		51.00000	43.00000	68.24000	0.0	1.2354	0.97437
52.00000	43.00000	68.24000		52.00000	43.00000	68.24000	0.0	1.2354	0.97437
53.00000	43.00000	68.24000		53.00000	43.00000	68.24000	0.0	1.2354	0.97437
54.00000	43.00000	68.24000		54.00000	43.00000	68.24000	0.0	1.2354	0.97437
55.00000	43.00000	68.24000		55.00000	43.00000	68.24000	0.0	1.2354	0.97437
56.00000	43.00000	68.24000		56.00000	43.00000	68.24000	0.0	1.2354	0.97437
57.00000	43.00000	68.24000		57.00000	43.00000	68.24000	0.0	1.2354	0.97437
58.00000	43.00000	68.24000		58.00000	43.00000	68.24000	0.16969	1.3983	1.3478
59.00000	43.00000	68.24000		59.00000	43.00000	68.24000	0.35443	0.34025	0.37259
60.00000	43.00000	68.24000		60.00000	43.00000	68.24000	0.53917	0.51761	0.70214
61.00000	43.00000	68.24000		61.00000	43.00000	68.24000	0.0	0.0	0.0
62.00000	43.00000	68.24000		62.00000	43.00000	68.24000	0.0	0.0	0.0
63.00000	43.00000	68.24000		63.00000	43.00000	68.24000	-0.41319	0.68266	0.81237
64.00000	43.00000	68.24000		64.00000	43.00000	68.24000	-0.31801	0.52540	0.47664
65.00000	43.00000	68.24000		65.00000	43.00000	68.24000	-0.22282	0.36815	0.35570
66.00000	43.00000	68.24000		66.00000	43.00000	68.24000	-0.35903	1.7843	1.5798
67.00000	43.00000	68.24000		67.00000	43.00000	68.24000	-0.25633	1.5759	1.4035
68.00000	43.00000	68.24000		68.00000	43.00000	68.24000	-0.21636	1.4712	1.1078
69.00000	43.00000	68.24000		69.00000	43.00000	68.24000	0.0	0.0	0.0
70.00000	43.00000	68.24000		70.00000	43.00000	68.24000	0.0	0.0	0.0
71.00000	43.00000	68.24000		71.00000	43.00000	68.24000	0.0	0.0	0.0
72.00000	43.00000	68.24000		72.00000	43.00000	68.24000	0.0	0.0	0.0
73.00000	43.00000	68.24000		73.00000	43.00000	68.24000	0.0	0.0	0.0
74.00000	43.00000	68.24000		74.00000	43.00000	68.24000	0.0	0.0	0.0
75.00000	43.00000	68.24000		75.00000	43.00000	68.24000	0.0	0.0	0.0
76.00000	43.00000	68.24000		76.00000	43.00000	68.24000	0.0	0.0	0.0
77.00000	43.00000	68.24000		77.00000	43.00000	68.24000	0.0	0.0	0.0
78.00000	43.00000	68.24000		78.00000	43.00000	68.24000	0.0	0.0	0.0
79.00000	43.00000	68.24000		79.00000	43.00000	68.24000	0.0	0.0	0.0
80.00000	43.00000	68.24000		80.00000	43.00000	68.24000	0.0	0.0	0.0
81.00000	43.00000	68.24000		81.00000	43.00000	68.24000	0.0	0.0	0.0
82.00000	43.00000	68.24000		82.00000	43.00000	68.24000	0.0	0.0	0.0
83.00000	43.00000	68.24000		83.00000	43.00000	68.24000	0.0	0.0	0.0
84.00000	43.00000	68.24000		84.00000	43.00000	68.24000	0.0	0.0	0.0
85.00000	43.00000	68.24000		85.00000	43.00000	68.24000	0.0	0.0	0.0
86.00000	43.00000	68.24000		86.00000	43.00000	68.24000	0.0	0.0	0.0
87.00000	43.00000	68.24000		87.00000	43.00000	68.24000	0.0	0.0	0.0
88.00000	43.00000	68.24000		88.00000	43.00000	68.24000	0.0	0.0	0.0
89.00000	43.00000	68.24000		89.00000	43.00000	68.24000	0.0	0.0	0.0
90.00000	43.00000	68.24000		90.00000	43.00000	68.24000	0.0	0.0	0.0
91.00000	43.00000	68.24000		91.00000	43.00000	68.24000	0.0	0.0	0.0
92.00000	43.00000	68.24000		92.00000	43.00000	68.24000	0.0	0.0	0.0
93.00000	43.00000	68.24000		93.00000	43.00000	68.24000	0.0	0.0	0.0
94.00000	43.00000	68.24000		94.00000	43.00000	68.24000	0.0	0.0	0.0
95.00000	43.00000	68.24000		95.00000	43.00000	68.24000	0.0	0.0	0.0
96.00000	43.00000	68.24000		96.00000	43.00000	68.24000	0.0	0.0	0.0
97.00000	43.00000	68.24000		97.00000	43.00000	68.24000	0.0	0.0	0.0
98.00000	43.00000	68.24000		98.00000	43.00000	68.24000	0.0	0.0	0.0
99.00000	43.00000	68.24000		99.00000	43.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				100.00000	43.00000	68.24000	0.0	0.0	0.0
				0.00000	44.00000	68.24000	0.0	0.0	0.0
				1.00000	44.00000	68.24000	0.0	0.0	0.0
				2.00000	44.00000	68.24000	0.0	0.0	0.0
				3.00000	44.00000	68.24000	0.0	0.0	0.0
				4.00000	44.00000	68.24000	0.0	0.0	0.0
				5.00000	44.00000	68.24000	0.0	0.0	0.0
				6.00000	44.00000	68.24000	0.0	0.0	0.0
				7.00000	44.00000	68.24000	0.0	0.0	0.0
				8.00000	44.00000	68.24000	0.0	0.0	0.0
				9.00000	44.00000	68.24000	0.0	0.0	0.0
				10.00000	44.00000	68.24000	0.0	0.0	0.0
				11.00000	44.00000	68.24000	0.0	0.0	0.0
				12.00000	44.00000	68.24000	0.0	0.0	0.0
				13.00000	44.00000	68.24000	0.0	0.0	0.0
				14.00000	44.00000	68.24000	0.0	0.0	0.0
				15.00000	44.00000	68.24000	0.0	0.0	0.0
				16.00000	44.00000	68.24000	0.0	0.0	0.0
				17.00000	44.00000	68.24000	0.0	0.0	0.0
				18.00000	44.00000	68.24000	0.0	0.0	0.0
				19.00000	44.00000	68.24000	0.0	0.0	0.0
				20.00000	44.00000	68.24000	0.0	0.0	0.0
				21.00000	44.00000	68.24000	0.0	0.0	0.0
				22.00000	44.00000	68.24000	0.0	0.0	0.0
				23.00000	44.00000	68.24000	0.0	0.0	0.0
				24.00000	44.00000	68.24000	0.0	0.0	0.0
				25.00000	44.00000	68.24000	0.0	0.0	0.0
				26.00000	44.00000	68.24000	0.0	0.0	0.0
				27.00000	44.00000	68.24000	0.0	0.0	0.0
				28.00000	44.00000	68.24000	0.0	0.0	0.0
				29.00000	44.00000	68.24000	0.0	0.0	0.0
				30.00000	44.00000	68.24000	0.0	0.0	0.0
				31.00000	44.00000	68.24000	0.0	0.0	0.0
				32.00000	44.00000	68.24000	0.0	0.0	0.0
				33.00000	44.00000	68.24000	0.0	0.0	0.0
				34.00000	44.00000	68.24000	0.0	0.0	0.0
				35.00000	44.00000	68.24000	0.0	0.0	0.0
				36.00000	44.00000	68.24000	0.0	0.0	0.0
				37.00000	44.00000	68.24000	0.0	0.0	0.0
				38.00000	44.00000	68.24000	0.0	0.0	0.0
				39.00000	44.00000	68.24000	0.0	0.0	0.0
				40.00000	44.00000	68.24000	0.0	0.0	0.0
				41.00000	44.00000	68.24000	0.0	0.0	0.0
				42.00000	44.00000	68.24000	0.0	0.0	0.0
				43.00000	44.00000	68.24000	0.0	0.0	0.0
				44.00000	44.00000	68.24000	0.0	0.0	0.0
				45.00000	44.00000	68.24000	0.0	0.0	0.0
				46.00000	44.00000	68.24000	0.0	0.0	0.0
				47.00000	44.00000	68.24000	0.0	0.0	0.0
				48.00000	44.00000	68.24000	0.0	0.0	0.0
				49.00000	44.00000	68.24000	-0.074346	0.70629	1.0038
				50.00000	44.00000	68.24000	-0.070456	1.2213	1.4259
				51.00000	44.00000	68.24000	0.0	1.5904	1.2069
				52.00000	44.00000	68.24000	0.0	1.5904	1.2069
				53.00000	44.00000	68.24000	0.0	1.5904	1.2069
				54.00000	44.00000	68.24000	0.0	1.5904	1.2069
				55.00000	44.00000	68.24000	0.0	1.5904	1.2069
				56.00000	44.00000	68.24000	0.0	1.5904	1.2069
				57.00000	44.00000	68.24000	0.16230	1.7462	1.5801
				58.00000	44.00000	68.24000	0.34704	1.9236	1.5752
				59.00000	44.00000	68.24000	0.53178	0.51051	0.68116
				60.00000	44.00000	68.24000	0.80620	0.77395	1.2833
				61.00000	44.00000	68.24000	1.1644	1.1178	1.5505
				62.00000	44.00000	68.24000	-0.87208	1.4408	1.4890
				63.00000	44.00000	68.24000	-0.68752	1.1359	1.4954
				64.00000	44.00000	68.24000	-0.50297	0.83099	1.1035
				65.00000	44.00000	68.24000	-0.67008	2.6000	2.5189
				66.00000	44.00000	68.24000	-0.56739	2.3916	2.1518
				67.00000	44.00000	68.24000	-0.27497	1.8698	1.6452
				68.00000	44.00000	68.24000	-0.26746	1.8187	1.5543
				69.00000	44.00000	68.24000	0.0	0.0	0.0
				70.00000	44.00000	68.24000	0.0	0.0	0.0
				71.00000	44.00000	68.24000	0.0	0.0	0.0
				72.00000	44.00000	68.24000	0.0	0.0	0.0
				73.00000	44.00000	68.24000	0.0	0.0	0.0
				74.00000	44.00000	68.24000	0.0	0.0	0.0
				75.00000	44.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				76.00000	44.00000	68.24000	0.0	0.0	0.0
				77.00000	44.00000	68.24000	0.0	0.0	0.0
				78.00000	44.00000	68.24000	0.0	0.0	0.0
				79.00000	44.00000	68.24000	0.0	0.0	0.0
				80.00000	44.00000	68.24000	0.0	0.0	0.0
				81.00000	44.00000	68.24000	0.0	0.0	0.0
				82.00000	44.00000	68.24000	0.0	0.0	0.0
				83.00000	44.00000	68.24000	0.0	0.0	0.0
				84.00000	44.00000	68.24000	0.0	0.0	0.0
				85.00000	44.00000	68.24000	0.0	0.0	0.0
				86.00000	44.00000	68.24000	0.0	0.0	0.0
				87.00000	44.00000	68.24000	0.0	0.0	0.0
				88.00000	44.00000	68.24000	0.0	0.0	0.0
				89.00000	44.00000	68.24000	0.0	0.0	0.0
				90.00000	44.00000	68.24000	0.0	0.0	0.0
				91.00000	44.00000	68.24000	0.0	0.0	0.0
				92.00000	44.00000	68.24000	0.0	0.0	0.0
				93.00000	44.00000	68.24000	0.0	0.0	0.0
				94.00000	44.00000	68.24000	0.0	0.0	0.0
				95.00000	44.00000	68.24000	0.0	0.0	0.0
				96.00000	44.00000	68.24000	0.0	0.0	0.0
				97.00000	44.00000	68.24000	0.0	0.0	0.0
				98.00000	44.00000	68.24000	0.0	0.0	0.0
				99.00000	44.00000	68.24000	0.0	0.0	0.0
				100.00000	44.00000	68.24000	0.0	0.0	0.0
				0.00000	45.00000	68.24000	0.0	0.0	0.0
				1.00000	45.00000	68.24000	0.0	0.0	0.0
				2.00000	45.00000	68.24000	0.0	0.0	0.0
				3.00000	45.00000	68.24000	0.0	0.0	0.0
				4.00000	45.00000	68.24000	0.0	0.0	0.0
				5.00000	45.00000	68.24000	0.0	0.0	0.0
				6.00000	45.00000	68.24000	0.0	0.0	0.0
				7.00000	45.00000	68.24000	0.0	0.0	0.0
				8.00000	45.00000	68.24000	0.0	0.0	0.0
				9.00000	45.00000	68.24000	0.0	0.0	0.0
				10.00000	45.00000	68.24000	0.0	0.0	0.0
				11.00000	45.00000	68.24000	0.0	0.0	0.0
				12.00000	45.00000	68.24000	0.0	0.0	0.0
				13.00000	45.00000	68.24000	0.0	0.0	0.0
				14.00000	45.00000	68.24000	0.0	0.0	0.0
				15.00000	45.00000	68.24000	0.0	0.0	0.0
				16.00000	45.00000	68.24000	0.0	0.0	0.0
				17.00000	45.00000	68.24000	0.0	0.0	0.0
				18.00000	45.00000	68.24000	0.0	0.0	0.0
				19.00000	45.00000	68.24000	0.0	0.0	0.0
				20.00000	45.00000	68.24000	0.0	0.0	0.0
				21.00000	45.00000	68.24000	0.0	0.0	0.0
				22.00000	45.00000	68.24000	0.0	0.0	0.0
				23.00000	45.00000	68.24000	0.0	0.0	0.0
				24.00000	45.00000	68.24000	0.0	0.0	0.0
				25.00000	45.00000	68.24000	0.0	0.0	0.0
				26.00000	45.00000	68.24000	0.0	0.0	0.0
				27.00000	45.00000	68.24000	0.0	0.0	0.0
				28.00000	45.00000	68.24000	0.0	0.0	0.0
				29.00000	45.00000	68.24000	0.0	0.0	0.0
				30.00000	45.00000	68.24000	0.0	0.0	0.0
				31.00000	45.00000	68.24000	0.0	0.0	0.0
				32.00000	45.00000	68.24000	0.0	0.0	0.0
				33.00000	45.00000	68.24000	0.0	0.0	0.0
				34.00000	45.00000	68.24000	0.0	0.0	0.0
				35.00000	45.00000	68.24000	0.0	0.0	0.0
				36.00000	45.00000	68.24000	0.0	0.0	0.0
				37.00000	45.00000	68.24000	0.0	0.0	0.0
				38.00000	45.00000	68.24000	0.0	0.0	0.0
				39.00000	45.00000	68.24000	0.0	0.0	0.0
				40.00000	45.00000	68.24000	0.0	0.0	0.0
				41.00000	45.00000	68.24000	0.0	0.0	0.0
				42.00000	45.00000	68.24000	0.0	0.0	0.0
				43.00000	45.00000	68.24000	0.0	0.0	0.0
				44.00000	45.00000	68.24000	0.0	0.0	0.0
				45.00000	45.00000	68.24000	0.0	0.0	0.0
				46.00000	45.00000	68.24000	0.0	0.0	0.0
				47.00000	45.00000	68.24000	0.0	0.0	0.0
				48.00000	45.00000	68.24000	0.0	0.0	0.0
				49.00000	45.00000	68.24000	-0.11130	1.0574	0.95647
				50.00000	45.00000	68.24000	-0.099568	1.6972	1.8175
				51.00000	45.00000	68.24000	0.34919	2.0152	2.5858

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
52.00000		45.00000		68.24000			0.0	1.9454	1.7494
53.00000		45.00000		68.24000			0.0	1.9454	1.7494
54.00000		45.00000		68.24000			0.0	1.9454	1.7494
55.00000		45.00000		68.24000			0.0	1.9454	1.7494
56.00000		45.00000		68.24000			0.0	1.9454	1.7494
57.00000		45.00000		68.24000			0.0	1.9454	1.7494
58.00000		45.00000		68.24000			0.52439	2.4488	2.4101
59.00000		45.00000		68.24000			0.79187	0.76020	1.2598
60.00000		45.00000		68.24000			1.1501	1.1041	1.5612
61.00000		45.00000		68.24000			Point lies within an excavation.		
62.00000		45.00000		68.24000			Point lies within an excavation.		
63.00000		45.00000		68.24000			Point lies within an excavation.		
64.00000		45.00000		68.24000			-0.80788	1.3348	1.5732
65.00000		45.00000		68.24000			-0.96705	3.3672	4.0220
66.00000		45.00000		68.24000			-0.77574	2.9989	3.4588
67.00000		45.00000		68.24000			-0.32607	2.2173	2.3931
68.00000		45.00000		68.24000			-0.31856	2.1662	2.2725
69.00000		45.00000		68.24000			0.0	0.0	0.0
70.00000		45.00000		68.24000			0.0	0.0	0.0
71.00000		45.00000		68.24000			0.0	0.0	0.0
72.00000		45.00000		68.24000			0.0	0.0	0.0
73.00000		45.00000		68.24000			0.0	0.0	0.0
74.00000		45.00000		68.24000			0.0	0.0	0.0
75.00000		45.00000		68.24000			0.0	0.0	0.0
76.00000		45.00000		68.24000			0.0	0.0	0.0
77.00000		45.00000		68.24000			0.0	0.0	0.0
78.00000		45.00000		68.24000			0.0	0.0	0.0
79.00000		45.00000		68.24000			0.0	0.0	0.0
80.00000		45.00000		68.24000			0.0	0.0	0.0
81.00000		45.00000		68.24000			0.0	0.0	0.0
82.00000		45.00000		68.24000			0.0	0.0	0.0
83.00000		45.00000		68.24000			0.0	0.0	0.0
84.00000		45.00000		68.24000			0.0	0.0	0.0
85.00000		45.00000		68.24000			0.0	0.0	0.0
86.00000		45.00000		68.24000			0.0	0.0	0.0
87.00000		45.00000		68.24000			0.0	0.0	0.0
88.00000		45.00000		68.24000			0.0	0.0	0.0
89.00000		45.00000		68.24000			0.0	0.0	0.0
90.00000		45.00000		68.24000			0.0	0.0	0.0
91.00000		45.00000		68.24000			0.0	0.0	0.0
92.00000		45.00000		68.24000			0.0	0.0	0.0
93.00000		45.00000		68.24000			0.0	0.0	0.0
94.00000		45.00000		68.24000			0.0	0.0	0.0
95.00000		45.00000		68.24000			0.0	0.0	0.0
96.00000		45.00000		68.24000			0.0	0.0	0.0
97.00000		45.00000		68.24000			0.0	0.0	0.0
98.00000		45.00000		68.24000			0.0	0.0	0.0
99.00000		45.00000		68.24000			0.0	0.0	0.0
100.00000		45.00000		68.24000			0.0	0.0	0.0
0.00000		46.00000		68.24000			0.0	0.0	0.0
1.00000		46.00000		68.24000			0.0	0.0	0.0
2.00000		46.00000		68.24000			0.0	0.0	0.0
3.00000		46.00000		68.24000			0.0	0.0	0.0
4.00000		46.00000		68.24000			0.0	0.0	0.0
5.00000		46.00000		68.24000			0.0	0.0	0.0
6.00000		46.00000		68.24000			0.0	0.0	0.0
7.00000		46.00000		68.24000			0.0	0.0	0.0
8.00000		46.00000		68.24000			0.0	0.0	0.0
9.00000		46.00000		68.24000			0.0	0.0	0.0
10.00000		46.00000		68.24000			0.0	0.0	0.0
11.00000		46.00000		68.24000			0.0	0.0	0.0
12.00000		46.00000		68.24000			0.0	0.0	0.0
13.00000		46.00000		68.24000			0.0	0.0	0.0
14.00000		46.00000		68.24000			0.0	0.0	0.0
15.00000		46.00000		68.24000			0.0	0.0	0.0
16.00000		46.00000		68.24000			0.0	0.0	0.0
17.00000		46.00000		68.24000			0.0	0.0	0.0
18.00000		46.00000		68.24000			0.0	0.0	0.0
19.00000		46.00000		68.24000			0.0	0.0	0.0
20.00000		46.00000		68.24000			0.0	0.0	0.0
21.00000		46.00000		68.24000			0.0	0.0	0.0
22.00000		46.00000		68.24000			0.0	0.0	0.0
23.00000		46.00000		68.24000			0.0	0.0	0.0
24.00000		46.00000		68.24000			0.0	0.0	0.0
25.00000		46.00000		68.24000			0.0	0.0	0.0
26.00000		46.00000		68.24000			0.0	0.0	0.0
27.00000		46.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				28.00000	46.00000	68.24000	0.0	0.0	0.0
				29.00000	46.00000	68.24000	0.0	0.0	0.0
				30.00000	46.00000	68.24000	0.0	0.0	0.0
				31.00000	46.00000	68.24000	0.0	0.0	0.0
				32.00000	46.00000	68.24000	0.0	0.0	0.0
				33.00000	46.00000	68.24000	0.0	0.0	0.0
				34.00000	46.00000	68.24000	0.0	0.0	0.0
				35.00000	46.00000	68.24000	0.0	0.0	0.0
				36.00000	46.00000	68.24000	0.0	0.0	0.0
				37.00000	46.00000	68.24000	0.0	0.0	0.0
				38.00000	46.00000	68.24000	0.0	0.0	0.0
				39.00000	46.00000	68.24000	0.0	0.0	0.0
				40.00000	46.00000	68.24000	0.0	0.0	0.0
				41.00000	46.00000	68.24000	0.0	0.0	0.0
				42.00000	46.00000	68.24000	0.0	0.0	0.0
				43.00000	46.00000	68.24000	0.0	0.0	0.0
				44.00000	46.00000	68.24000	0.0	0.0	0.0
				45.00000	46.00000	68.24000	0.0	0.0	0.0
				46.00000	46.00000	68.24000	0.0	0.0	0.0
				47.00000	46.00000	68.24000	0.0	0.0	0.0
				48.00000	46.00000	68.24000	0.0	0.0	0.0
				49.00000	46.00000	68.24000	-0.14826	1.4085	1.0554
				50.00000	46.00000	68.24000	-0.068257	2.1852	2.3546
				51.00000	46.00000	68.24000	0.41746	2.3839	3.4030
				52.00000	46.00000	68.24000	0.75881	2.4522	3.3956
				53.00000	46.00000	68.24000	1.1002	2.5204	3.4023
				54.00000	46.00000	68.24000	1.4415	2.5887	3.6783
				55.00000	46.00000	68.24000	1.7828	2.6570	4.2864
				56.00000	46.00000	68.24000	2.2311	2.7466	5.1132
				57.00000	46.00000	68.24000	0.0	2.3004	2.5336
				58.00000	46.00000	68.24000	0.0	2.3004	2.5336
				59.00000	46.00000	68.24000	1.1358	1.0903	1.5691
				60.00000	46.00000	68.24000	Point lies within an excavation.		
				61.00000	46.00000	68.24000	Point lies within an excavation.		
				62.00000	46.00000	68.24000	Point lies within an excavation.		
				63.00000	46.00000	68.24000	Point lies within an excavation.		
				64.00000	46.00000	68.24000	Point lies within an excavation.		
				65.00000	46.00000	68.24000	-1.3711	4.5447	4.8023
				66.00000	46.00000	68.24000	-0.42823	2.9120	3.3770
				67.00000	46.00000	68.24000	-0.41366	2.8129	3.2556
				68.00000	46.00000	68.24000	-0.39909	2.7138	3.1314
				69.00000	46.00000	68.24000	0.0	0.0	0.0
				70.00000	46.00000	68.24000	0.0	0.0	0.0
				71.00000	46.00000	68.24000	0.0	0.0	0.0
				72.00000	46.00000	68.24000	0.0	0.0	0.0
				73.00000	46.00000	68.24000	0.0	0.0	0.0
				74.00000	46.00000	68.24000	0.0	0.0	0.0
				75.00000	46.00000	68.24000	0.0	0.0	0.0
				76.00000	46.00000	68.24000	0.0	0.0	0.0
				77.00000	46.00000	68.24000	0.0	0.0	0.0
				78.00000	46.00000	68.24000	0.0	0.0	0.0
				79.00000	46.00000	68.24000	0.0	0.0	0.0
				80.00000	46.00000	68.24000	0.0	0.0	0.0
				81.00000	46.00000	68.24000	0.0	0.0	0.0
				82.00000	46.00000	68.24000	0.0	0.0	0.0
				83.00000	46.00000	68.24000	0.0	0.0	0.0
				84.00000	46.00000	68.24000	0.0	0.0	0.0
				85.00000	46.00000	68.24000	0.0	0.0	0.0
				86.00000	46.00000	68.24000	0.0	0.0	0.0
				87.00000	46.00000	68.24000	0.0	0.0	0.0
				88.00000	46.00000	68.24000	0.0	0.0	0.0
				89.00000	46.00000	68.24000	0.0	0.0	0.0
				90.00000	46.00000	68.24000	0.0	0.0	0.0
				91.00000	46.00000	68.24000	0.0	0.0	0.0
				92.00000	46.00000	68.24000	0.0	0.0	0.0
				93.00000	46.00000	68.24000	0.0	0.0	0.0
				94.00000	46.00000	68.24000	0.0	0.0	0.0
				95.00000	46.00000	68.24000	0.0	0.0	0.0
				96.00000	46.00000	68.24000	0.0	0.0	0.0
				97.00000	46.00000	68.24000	0.0	0.0	0.0
				98.00000	46.00000	68.24000	0.0	0.0	0.0
				99.00000	46.00000	68.24000	0.0	0.0	0.0
				100.00000	46.00000	68.24000	0.0	0.0	0.0
				0.00000	47.00000	68.24000	0.0	0.0	0.0
				1.00000	47.00000	68.24000	0.0	0.0	0.0
				2.00000	47.00000	68.24000	0.0	0.0	0.0
				3.00000	47.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
4.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
5.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
6.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
7.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
8.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
9.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
10.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
11.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
12.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
13.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
14.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
15.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
16.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
17.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
18.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
19.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
20.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
21.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
22.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
23.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
24.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
25.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
26.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
27.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
28.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
29.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
30.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
31.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
32.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
33.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
34.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
35.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
36.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
37.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
38.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
39.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
40.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
41.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
42.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
43.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
44.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
45.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
46.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
47.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
48.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
49.00000		47.00000	68.24000	47.00000	68.24000	68.24000	-0.18522	1.7596	1.4425
50.00000		47.00000	68.24000	47.00000	68.24000	68.24000	-0.036947	2.7807	3.1588
51.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.48573	3.0625	4.2889
52.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.82708	3.1308	4.2547
53.00000		47.00000	68.24000	47.00000	68.24000	68.24000	1.1684	3.1991	4.3009
54.00000		47.00000	68.24000	47.00000	68.24000	68.24000	1.5098	3.2674	4.6445
55.00000		47.00000	68.24000	47.00000	68.24000	68.24000	1.8511	3.3356	5.3096
56.00000		47.00000	68.24000	47.00000	68.24000	68.24000	2.3635	3.4381	6.1541
57.00000		47.00000	68.24000	47.00000	68.24000	68.24000	3.0254	3.5705	6.9010
58.00000		47.00000	68.24000	47.00000	68.24000	68.24000	3.6872	3.7028	7.1364
59.00000		47.00000	68.24000	47.00000	68.24000	68.24000	4.3491	0.86981	2.6746
60.00000		47.00000	68.24000	47.00000	68.24000	68.24000	Point lies	within an	excavation.
61.00000		47.00000	68.24000	47.00000	68.24000	68.24000	Point lies	within an	excavation.
62.00000		47.00000	68.24000	47.00000	68.24000	68.24000	Point lies	within an	excavation.
63.00000		47.00000	68.24000	47.00000	68.24000	68.24000	Point lies	within an	excavation.
64.00000		47.00000	68.24000	47.00000	68.24000	68.24000	Point lies	within an	excavation.
65.00000		47.00000	68.24000	47.00000	68.24000	68.24000	-1.9872	2.6842	5.5146
66.00000		47.00000	68.24000	47.00000	68.24000	68.24000	-1.5073	2.9073	5.4351
67.00000		47.00000	68.24000	47.00000	68.24000	68.24000	-0.51275	3.4867	3.9883
68.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
69.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
70.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
71.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
72.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
73.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
74.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
75.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
76.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
77.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
78.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
79.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0
80.00000		47.00000	68.24000	47.00000	68.24000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
81.00000		47.00000		68.24000			0.0	0.0	0.0
82.00000		47.00000		68.24000			0.0	0.0	0.0
83.00000		47.00000		68.24000			0.0	0.0	0.0
84.00000		47.00000		68.24000			0.0	0.0	0.0
85.00000		47.00000		68.24000			0.0	0.0	0.0
86.00000		47.00000		68.24000			0.0	0.0	0.0
87.00000		47.00000		68.24000			0.0	0.0	0.0
88.00000		47.00000		68.24000			0.0	0.0	0.0
89.00000		47.00000		68.24000			0.0	0.0	0.0
90.00000		47.00000		68.24000			0.0	0.0	0.0
91.00000		47.00000		68.24000			0.0	0.0	0.0
92.00000		47.00000		68.24000			0.0	0.0	0.0
93.00000		47.00000		68.24000			0.0	0.0	0.0
94.00000		47.00000		68.24000			0.0	0.0	0.0
95.00000		47.00000		68.24000			0.0	0.0	0.0
96.00000		47.00000		68.24000			0.0	0.0	0.0
97.00000		47.00000		68.24000			0.0	0.0	0.0
98.00000		47.00000		68.24000			0.0	0.0	0.0
99.00000		47.00000		68.24000			0.0	0.0	0.0
100.00000		47.00000		68.24000			0.0	0.0	0.0
0.00000		48.00000		68.24000			0.0	0.0	0.0
1.00000		48.00000		68.24000			0.0	0.0	0.0
2.00000		48.00000		68.24000			0.0	0.0	0.0
3.00000		48.00000		68.24000			0.0	0.0	0.0
4.00000		48.00000		68.24000			0.0	0.0	0.0
5.00000		48.00000		68.24000			0.0	0.0	0.0
6.00000		48.00000		68.24000			0.0	0.0	0.0
7.00000		48.00000		68.24000			0.0	0.0	0.0
8.00000		48.00000		68.24000			0.0	0.0	0.0
9.00000		48.00000		68.24000			0.0	0.0	0.0
10.00000		48.00000		68.24000			0.0	0.0	0.0
11.00000		48.00000		68.24000			0.0	0.0	0.0
12.00000		48.00000		68.24000			0.0	0.0	0.0
13.00000		48.00000		68.24000			0.0	0.0	0.0
14.00000		48.00000		68.24000			0.0	0.0	0.0
15.00000		48.00000		68.24000			0.0	0.0	0.0
16.00000		48.00000		68.24000			0.0	0.0	0.0
17.00000		48.00000		68.24000			0.0	0.0	0.0
18.00000		48.00000		68.24000			0.0	0.0	0.0
19.00000		48.00000		68.24000			0.0	0.0	0.0
20.00000		48.00000		68.24000			0.0	0.0	0.0
21.00000		48.00000		68.24000			0.0	0.0	0.0
22.00000		48.00000		68.24000			0.0	0.0	0.0
23.00000		48.00000		68.24000			0.0	0.0	0.0
24.00000		48.00000		68.24000			0.0	0.0	0.0
25.00000		48.00000		68.24000			0.0	0.0	0.0
26.00000		48.00000		68.24000			0.0	0.0	0.0
27.00000		48.00000		68.24000			0.0	0.0	0.0
28.00000		48.00000		68.24000			0.0	0.0	0.0
29.00000		48.00000		68.24000			0.0	0.0	0.0
30.00000		48.00000		68.24000			0.0	0.0	0.0
31.00000		48.00000		68.24000			0.0	0.0	0.0
32.00000		48.00000		68.24000			0.0	0.0	0.0
33.00000		48.00000		68.24000			0.0	0.0	0.0
34.00000		48.00000		68.24000			0.0	0.0	0.0
35.00000		48.00000		68.24000			0.0	0.0	0.0
36.00000		48.00000		68.24000			0.0	0.0	0.0
37.00000		48.00000		68.24000			0.0	0.0	0.0
38.00000		48.00000		68.24000			0.0	0.0	0.0
39.00000		48.00000		68.24000			0.0	0.0	0.0
40.00000		48.00000		68.24000			0.0	0.0	0.0
41.00000		48.00000		68.24000			0.0	0.0	0.0
42.00000		48.00000		68.24000			0.0	0.0	0.0
43.00000		48.00000		68.24000			0.0	0.0	0.0
44.00000		48.00000		68.24000			0.0	0.0	0.0
45.00000		48.00000		68.24000			0.0	0.0	0.0
46.00000		48.00000		68.24000			0.0	0.0	0.0
47.00000		48.00000		68.24000			0.0	0.0	0.0
48.00000		48.00000		68.24000			0.0	0.0	0.0
49.00000		48.00000		68.24000			-0.22218	2.1107	2.1200
50.00000		48.00000		68.24000			-0.0056366	3.3844	4.1593
51.00000		48.00000		68.24000			0.55400	3.7645	4.9785
52.00000		48.00000		68.24000			0.89535	3.8328	4.9337
53.00000		48.00000		68.24000			1.2367	3.9011	5.0282
54.00000		48.00000		68.24000			1.5780	3.9693	5.4403
55.00000		48.00000		68.24000			1.9194	4.0376	6.1557
56.00000		48.00000		68.24000			2.4959	4.1529	7.0068

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
57.00000		48.00000		48.00000	68.24000	68.24000	3.1577	4.2853	7.6940
58.00000		48.00000		48.00000	68.24000	68.24000	3.8196	4.4177	7.7464
59.00000		48.00000		48.00000	68.24000	68.24000	Point lies within an excavation.		
60.00000		48.00000		48.00000	68.24000	68.24000	Point lies within an excavation.		
61.00000		48.00000		48.00000	68.24000	68.24000	Point lies within an excavation.		
62.00000		48.00000		48.00000	68.24000	68.24000	Point lies within an excavation.		
63.00000		48.00000		48.00000	68.24000	68.24000	Point lies within an excavation.		
64.00000		48.00000		48.00000	68.24000	68.24000	Point lies within an excavation.		
65.00000		48.00000		48.00000	68.24000	68.24000	-3.2136	3.5810	7.2464
66.00000		48.00000		48.00000	68.24000	68.24000	-2.1179	3.7873	5.9413
67.00000		48.00000		48.00000	68.24000	68.24000	-1.5083	3.8544	5.0115
68.00000		48.00000		48.00000	68.24000	68.24000	-0.099400	0.0	0.30566
69.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
70.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
71.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
72.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
73.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
74.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
75.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
76.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
77.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
78.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
79.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
80.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
81.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
82.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
83.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
84.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
85.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
86.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
87.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
88.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
89.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
90.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
91.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
92.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
93.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
94.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
95.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
96.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
97.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
98.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
99.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
100.00000		48.00000		48.00000	68.24000	68.24000	0.0	0.0	0.0
0.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
1.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
2.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
3.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
4.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
5.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
6.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
7.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
8.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
9.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
10.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
11.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
12.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
13.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
14.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
15.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
16.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
17.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
18.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
19.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
20.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
21.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
22.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
23.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
24.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
25.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
26.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
27.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
28.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
29.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
30.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
31.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0
32.00000		49.00000		49.00000	68.24000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
33.00000	49.00000	68.24000		33.00000	49.00000	68.24000	0.0	0.0	0.0
34.00000	49.00000	68.24000		34.00000	49.00000	68.24000	0.0	0.0	0.0
35.00000	49.00000	68.24000		35.00000	49.00000	68.24000	0.0	0.0	0.0
36.00000	49.00000	68.24000		36.00000	49.00000	68.24000	0.0	0.0	0.0
37.00000	49.00000	68.24000		37.00000	49.00000	68.24000	0.0	0.0	0.0
38.00000	49.00000	68.24000		38.00000	49.00000	68.24000	0.0	0.0	0.0
39.00000	49.00000	68.24000		39.00000	49.00000	68.24000	0.0	0.0	0.0
40.00000	49.00000	68.24000		40.00000	49.00000	68.24000	0.15210	0.017550	0.64355
41.00000	49.00000	68.24000		41.00000	49.00000	68.24000	0.50243	0.057973	0.99310
42.00000	49.00000	68.24000		42.00000	49.00000	68.24000	0.0	0.0	0.0
43.00000	49.00000	68.24000		43.00000	49.00000	68.24000	0.0	0.0	0.0
44.00000	49.00000	68.24000		44.00000	49.00000	68.24000	0.0	0.0	0.0
45.00000	49.00000	68.24000		45.00000	49.00000	68.24000	0.0	0.0	0.0
46.00000	49.00000	68.24000		46.00000	49.00000	68.24000	0.0	0.0	0.0
47.00000	49.00000	68.24000		47.00000	49.00000	68.24000	0.0	0.0	0.0
48.00000	49.00000	68.24000		48.00000	49.00000	68.24000	0.0	0.0	0.0
49.00000	49.00000	68.24000		49.00000	49.00000	68.24000	-0.27390	2.6021	2.9715
50.00000	49.00000	68.24000		50.00000	49.00000	68.24000	-0.26636	4.0374	4.3362
51.00000	49.00000	68.24000		51.00000	49.00000	68.24000	0.0	4.3421	4.1983
52.00000	49.00000	68.24000		52.00000	49.00000	68.24000	0.0	4.3421	4.1983
53.00000	49.00000	68.24000		53.00000	49.00000	68.24000	0.0	4.3421	4.1983
54.00000	49.00000	68.24000		54.00000	49.00000	68.24000	1.6463	4.6713	5.6719
55.00000	49.00000	68.24000		55.00000	49.00000	68.24000	1.9877	4.7396	6.4293
56.00000	49.00000	68.24000		56.00000	49.00000	68.24000	2.6282	4.8677	7.2763
57.00000	49.00000	68.24000		57.00000	49.00000	68.24000	3.2901	5.0001	7.8859
58.00000	49.00000	68.24000		58.00000	49.00000	68.24000	3.9520	5.1325	7.7209
59.00000	49.00000	68.24000		59.00000	49.00000	68.24000	Point lies within an excavation.		
60.00000	49.00000	68.24000		60.00000	49.00000	68.24000	Point lies within an excavation.		
61.00000	49.00000	68.24000		61.00000	49.00000	68.24000	Point lies within an excavation.		
62.00000	49.00000	68.24000		62.00000	49.00000	68.24000	Point lies within an excavation.		
63.00000	49.00000	68.24000		63.00000	49.00000	68.24000	Point lies within an excavation.		
64.00000	49.00000	68.24000		64.00000	49.00000	68.24000	Point lies within an excavation.		
65.00000	49.00000	68.24000		65.00000	49.00000	68.24000	Point lies within an excavation.		
66.00000	49.00000	68.24000		66.00000	49.00000	68.24000	-0.72548	4.9333	3.1641
67.00000	49.00000	68.24000		67.00000	49.00000	68.24000	-0.98685	4.6432	3.7883
68.00000	49.00000	68.24000		68.00000	49.00000	68.24000	-0.035964	-0.024898	0.21151
69.00000	49.00000	68.24000		69.00000	49.00000	68.24000	0.0	0.0	0.0
70.00000	49.00000	68.24000		70.00000	49.00000	68.24000	0.0	0.0	0.0
71.00000	49.00000	68.24000		71.00000	49.00000	68.24000	0.0	0.0	0.0
72.00000	49.00000	68.24000		72.00000	49.00000	68.24000	0.0	0.0	0.0
73.00000	49.00000	68.24000		73.00000	49.00000	68.24000	0.0	0.0	0.0
74.00000	49.00000	68.24000		74.00000	49.00000	68.24000	0.0	0.0	0.0
75.00000	49.00000	68.24000		75.00000	49.00000	68.24000	0.0	0.0	0.0
76.00000	49.00000	68.24000		76.00000	49.00000	68.24000	0.0	0.0	0.0
77.00000	49.00000	68.24000		77.00000	49.00000	68.24000	0.0	0.0	0.0
78.00000	49.00000	68.24000		78.00000	49.00000	68.24000	0.0	0.0	0.0
79.00000	49.00000	68.24000		79.00000	49.00000	68.24000	0.0	0.0	0.0
80.00000	49.00000	68.24000		80.00000	49.00000	68.24000	0.0	0.0	0.0
81.00000	49.00000	68.24000		81.00000	49.00000	68.24000	0.0	0.0	0.0
82.00000	49.00000	68.24000		82.00000	49.00000	68.24000	0.0	0.0	0.0
83.00000	49.00000	68.24000		83.00000	49.00000	68.24000	0.0	0.0	0.0
84.00000	49.00000	68.24000		84.00000	49.00000	68.24000	0.0	0.0	0.0
85.00000	49.00000	68.24000		85.00000	49.00000	68.24000	0.0	0.0	0.0
86.00000	49.00000	68.24000		86.00000	49.00000	68.24000	0.0	0.0	0.0
87.00000	49.00000	68.24000		87.00000	49.00000	68.24000	0.0	0.0	0.0
88.00000	49.00000	68.24000		88.00000	49.00000	68.24000	0.0	0.0	0.0
89.00000	49.00000	68.24000		89.00000	49.00000	68.24000	0.0	0.0	0.0
90.00000	49.00000	68.24000		90.00000	49.00000	68.24000	0.0	0.0	0.0
91.00000	49.00000	68.24000		91.00000	49.00000	68.24000	0.0	0.0	0.0
92.00000	49.00000	68.24000		92.00000	49.00000	68.24000	0.0	0.0	0.0
93.00000	49.00000	68.24000		93.00000	49.00000	68.24000	0.0	0.0	0.0
94.00000	49.00000	68.24000		94.00000	49.00000	68.24000	0.0	0.0	0.0
95.00000	49.00000	68.24000		95.00000	49.00000	68.24000	0.0	0.0	0.0
96.00000	49.00000	68.24000		96.00000	49.00000	68.24000	0.0	0.0	0.0
97.00000	49.00000	68.24000		97.00000	49.00000	68.24000	0.0	0.0	0.0
98.00000	49.00000	68.24000		98.00000	49.00000	68.24000	0.0	0.0	0.0
99.00000	49.00000	68.24000		99.00000	49.00000	68.24000	0.0	0.0	0.0
100.00000	49.00000	68.24000		100.00000	49.00000	68.24000	0.0	0.0	0.0
0.00000	50.00000	68.24000		0.00000	50.00000	68.24000	0.0	0.0	0.0
1.00000	50.00000	68.24000		1.00000	50.00000	68.24000	0.0	0.0	0.0
2.00000	50.00000	68.24000		2.00000	50.00000	68.24000	0.0	0.0	0.0
3.00000	50.00000	68.24000		3.00000	50.00000	68.24000	0.0	0.0	0.0
4.00000	50.00000	68.24000		4.00000	50.00000	68.24000	0.0	0.0	0.0
5.00000	50.00000	68.24000		5.00000	50.00000	68.24000	0.0	0.0	0.0
6.00000	50.00000	68.24000		6.00000	50.00000	68.24000	0.0	0.0	0.0
7.00000	50.00000	68.24000		7.00000	50.00000	68.24000	0.0	0.0	0.0
8.00000	50.00000	68.24000		8.00000	50.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				9.00000	50.00000	68.24000	0.0	0.0	0.0
				10.00000	50.00000	68.24000	0.0	0.0	0.0
				11.00000	50.00000	68.24000	0.0	0.0	0.0
				12.00000	50.00000	68.24000	0.0	0.0	0.0
				13.00000	50.00000	68.24000	0.0	0.0	0.0
				14.00000	50.00000	68.24000	0.0	0.0	0.0
				15.00000	50.00000	68.24000	0.0	0.0	0.0
				16.00000	50.00000	68.24000	0.0	0.0	0.0
				17.00000	50.00000	68.24000	0.0	0.0	0.0
				18.00000	50.00000	68.24000	0.0	0.0	0.0
				19.00000	50.00000	68.24000	0.0	0.0	0.0
				20.00000	50.00000	68.24000	0.0	0.0	0.0
				21.00000	50.00000	68.24000	0.0	0.0	0.0
				22.00000	50.00000	68.24000	0.0	0.0	0.0
				23.00000	50.00000	68.24000	0.0	0.0	0.0
				24.00000	50.00000	68.24000	0.0	0.0	0.0
				25.00000	50.00000	68.24000	0.0	0.0	0.0
				26.00000	50.00000	68.24000	0.0	0.0	0.0
				27.00000	50.00000	68.24000	0.0	0.0	0.0
				28.00000	50.00000	68.24000	0.0	0.0	0.0
				29.00000	50.00000	68.24000	0.0	0.0	0.0
				30.00000	50.00000	68.24000	0.0	0.0	0.0
				31.00000	50.00000	68.24000	0.0	0.0	0.0
				32.00000	50.00000	68.24000	0.0	0.0	0.0
				33.00000	50.00000	68.24000	0.0	0.0	0.0
				34.00000	50.00000	68.24000	0.0	0.0	0.0
				35.00000	50.00000	68.24000	0.0	0.0	0.0
				36.00000	50.00000	68.24000	0.0	0.0	0.0
				37.00000	50.00000	68.24000	0.0	0.0	0.0
				38.00000	50.00000	68.24000	0.0	0.0	0.0
				39.00000	50.00000	68.24000	0.0	0.0	0.0
				40.00000	50.00000	68.24000	0.19252	0.022214	0.71715
				41.00000	50.00000	68.24000	0.54286	0.062637	1.0021
				42.00000	50.00000	68.24000	0.89319	0.10306	0.97413
				43.00000	50.00000	68.24000	1.2435	0.14348	0.97881
				44.00000	50.00000	68.24000	1.5939	0.18391	1.2224
				45.00000	50.00000	68.24000	1.9442	0.22433	1.7721
				46.00000	50.00000	68.24000	2.2945	0.26475	2.5560
				47.00000	50.00000	68.24000	2.9594	0.34147	3.4196
				48.00000	50.00000	68.24000	3.6387	0.41985	4.0957
				49.00000	50.00000	68.24000	3.9724	3.7811	7.9739
				50.00000	50.00000	68.24000	1.7344	1.9460	2.1057
				51.00000	50.00000	68.24000	0.0	5.0304	3.0335
				52.00000	50.00000	68.24000	0.0	5.0304	3.0335
				53.00000	50.00000	68.24000	0.0	5.0304	3.0335
				54.00000	50.00000	68.24000	0.0	5.0304	3.0335
				55.00000	50.00000	68.24000	0.0	5.0304	3.0335
				56.00000	50.00000	68.24000	0.0	5.0304	3.0335
				57.00000	50.00000	68.24000	0.0	5.0304	3.0335
				58.00000	50.00000	68.24000	0.0	5.0304	3.0335
				59.00000	50.00000	68.24000	Point lies	within an	excavation.
				60.00000	50.00000	68.24000	Point lies	within an	excavation.
				61.00000	50.00000	68.24000	Point lies	within an	excavation.
				62.00000	50.00000	68.24000	Point lies	within an	excavation.
				63.00000	50.00000	68.24000	Point lies	within an	excavation.
				64.00000	50.00000	68.24000	Point lies	within an	excavation.
				65.00000	50.00000	68.24000	Point lies	within an	excavation.
				66.00000	50.00000	68.24000	Point lies	within an	excavation.
				67.00000	50.00000	68.24000	Point lies	within an	excavation.
				68.00000	50.00000	68.24000	-3.9852	-2.2080	4.0135
				69.00000	50.00000	68.24000	0.0	0.0	0.0
				70.00000	50.00000	68.24000	0.0	0.0	0.0
				71.00000	50.00000	68.24000	0.0	0.0	0.0
				72.00000	50.00000	68.24000	0.0	0.0	0.0
				73.00000	50.00000	68.24000	0.0	0.0	0.0
				74.00000	50.00000	68.24000	0.0	0.0	0.0
				75.00000	50.00000	68.24000	0.0	0.0	0.0
				76.00000	50.00000	68.24000	0.0	0.0	0.0
				77.00000	50.00000	68.24000	0.0	0.0	0.0
				78.00000	50.00000	68.24000	0.0	0.0	0.0
				79.00000	50.00000	68.24000	0.0	0.0	0.0
				80.00000	50.00000	68.24000	0.0	0.0	0.0
				81.00000	50.00000	68.24000	0.0	0.0	0.0
				82.00000	50.00000	68.24000	0.0	0.0	0.0
				83.00000	50.00000	68.24000	0.0	0.0	0.0
				84.00000	50.00000	68.24000	0.0	0.0	0.0
				85.00000	50.00000	68.24000	0.0	0.0	0.0

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Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				86.00000	50.00000	68.24000	0.0	0.0	0.0
				87.00000	50.00000	68.24000	0.0	0.0	0.0
				88.00000	50.00000	68.24000	0.0	0.0	0.0
				89.00000	50.00000	68.24000	0.0	0.0	0.0
				90.00000	50.00000	68.24000	0.0	0.0	0.0
				91.00000	50.00000	68.24000	0.0	0.0	0.0
				92.00000	50.00000	68.24000	0.0	0.0	0.0
				93.00000	50.00000	68.24000	0.0	0.0	0.0
				94.00000	50.00000	68.24000	0.0	0.0	0.0
				95.00000	50.00000	68.24000	0.0	0.0	0.0
				96.00000	50.00000	68.24000	0.0	0.0	0.0
				97.00000	50.00000	68.24000	0.0	0.0	0.0
				98.00000	50.00000	68.24000	0.0	0.0	0.0
				99.00000	50.00000	68.24000	0.0	0.0	0.0
				100.00000	50.00000	68.24000	0.0	0.0	0.0
				0.00000	51.00000	68.24000	0.0	0.0	0.0
				1.00000	51.00000	68.24000	0.0	0.0	0.0
				2.00000	51.00000	68.24000	0.0	0.0	0.0
				3.00000	51.00000	68.24000	0.0	0.0	0.0
				4.00000	51.00000	68.24000	0.0	0.0	0.0
				5.00000	51.00000	68.24000	0.0	0.0	0.0
				6.00000	51.00000	68.24000	0.0	0.0	0.0
				7.00000	51.00000	68.24000	0.0	0.0	0.0
				8.00000	51.00000	68.24000	0.0	0.0	0.0
				9.00000	51.00000	68.24000	0.0	0.0	0.0
				10.00000	51.00000	68.24000	0.0	0.0	0.0
				11.00000	51.00000	68.24000	0.0	0.0	0.0
				12.00000	51.00000	68.24000	0.0	0.0	0.0
				13.00000	51.00000	68.24000	0.0	0.0	0.0
				14.00000	51.00000	68.24000	0.0	0.0	0.0
				15.00000	51.00000	68.24000	0.0	0.0	0.0
				16.00000	51.00000	68.24000	0.0	0.0	0.0
				17.00000	51.00000	68.24000	0.0	0.0	0.0
				18.00000	51.00000	68.24000	0.0	0.0	0.0
				19.00000	51.00000	68.24000	0.0	0.0	0.0
				20.00000	51.00000	68.24000	0.0	0.0	0.0
				21.00000	51.00000	68.24000	0.0	0.0	0.0
				22.00000	51.00000	68.24000	0.0	0.0	0.0
				23.00000	51.00000	68.24000	0.0	0.0	0.0
				24.00000	51.00000	68.24000	0.0	0.0	0.0
				25.00000	51.00000	68.24000	0.0	0.0	0.0
				26.00000	51.00000	68.24000	0.0	0.0	0.0
				27.00000	51.00000	68.24000	0.0	0.0	0.0
				28.00000	51.00000	68.24000	0.0	0.0	0.0
				29.00000	51.00000	68.24000	0.0	0.0	0.0
				30.00000	51.00000	68.24000	0.0	0.0	0.0
				31.00000	51.00000	68.24000	0.0	0.0	0.0
				32.00000	51.00000	68.24000	0.0	0.0	0.0
				33.00000	51.00000	68.24000	0.0	0.0	0.0
				34.00000	51.00000	68.24000	0.0	0.0	0.0
				35.00000	51.00000	68.24000	0.0	0.0	0.0
				36.00000	51.00000	68.24000	0.0	0.0	0.0
				37.00000	51.00000	68.24000	0.0	0.0	0.0
				38.00000	51.00000	68.24000	0.20525	0.037317	0.74129
				39.00000	51.00000	68.24000	0.54889	0.099797	1.0038
				40.00000	51.00000	68.24000	1.1255	0.18916	1.7531
				41.00000	51.00000	68.24000	0.58328	0.067302	1.0070
				42.00000	51.00000	68.24000	0.93362	0.10772	0.96784
				43.00000	51.00000	68.24000	1.2840	0.14815	0.99221
				44.00000	51.00000	68.24000	1.6343	0.18857	1.2703
				45.00000	51.00000	68.24000	1.9846	0.22899	1.8534
				46.00000	51.00000	68.24000	2.3585	0.27213	2.6577
				47.00000	51.00000	68.24000	3.0378	0.35051	3.5119
				48.00000	51.00000	68.24000	3.2923	4.4642	8.4079
				49.00000	51.00000	68.24000	3.9791	4.4709	8.3917
				50.00000	51.00000	68.24000			Point lies within an excavation.
				51.00000	51.00000	68.24000			Point lies within an excavation.
				52.00000	51.00000	68.24000			Point lies within an excavation.
				53.00000	51.00000	68.24000			Point lies within an excavation.
				54.00000	51.00000	68.24000			Point lies within an excavation.
				55.00000	51.00000	68.24000			Point lies within an excavation.
				56.00000	51.00000	68.24000			Point lies within an excavation.
				57.00000	51.00000	68.24000			Point lies within an excavation.
				58.00000	51.00000	68.24000			Point lies within an excavation.
				59.00000	51.00000	68.24000			Point lies within an excavation.
				60.00000	51.00000	68.24000			Point lies within an excavation.
				61.00000	51.00000	68.24000			Point lies within an excavation.

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				62.00000	51.00000	68.24000	Point lies within an excavation.		
				63.00000	51.00000	68.24000	Point lies within an excavation.		
				64.00000	51.00000	68.24000	Point lies within an excavation.		
				65.00000	51.00000	68.24000	Point lies within an excavation.		
				66.00000	51.00000	68.24000	Point lies within an excavation.		
				67.00000	51.00000	68.24000	-4.2201	-2.3382	3.5691
				68.00000	51.00000	68.24000	-3.6934	-2.0464	4.2473
				69.00000	51.00000	68.24000	-3.1668	-1.7546	4.0650
				70.00000	51.00000	68.24000	-2.6401	-1.4628	3.4658
				71.00000	51.00000	68.24000	0.0	0.0	0.0
				72.00000	51.00000	68.24000	0.0	0.0	0.0
				73.00000	51.00000	68.24000	0.0	0.0	0.0
				74.00000	51.00000	68.24000	0.0	0.0	0.0
				75.00000	51.00000	68.24000	0.0	0.0	0.0
				76.00000	51.00000	68.24000	0.0	0.0	0.0
				77.00000	51.00000	68.24000	0.0	0.0	0.0
				78.00000	51.00000	68.24000	0.0	0.0	0.0
				79.00000	51.00000	68.24000	0.0	0.0	0.0
				80.00000	51.00000	68.24000	0.0	0.0	0.0
				81.00000	51.00000	68.24000	0.0	0.0	0.0
				82.00000	51.00000	68.24000	0.0	0.0	0.0
				83.00000	51.00000	68.24000	0.0	0.0	0.0
				84.00000	51.00000	68.24000	0.0	0.0	0.0
				85.00000	51.00000	68.24000	0.0	0.0	0.0
				86.00000	51.00000	68.24000	0.0	0.0	0.0
				87.00000	51.00000	68.24000	0.0	0.0	0.0
				88.00000	51.00000	68.24000	0.0	0.0	0.0
				89.00000	51.00000	68.24000	0.0	0.0	0.0
				90.00000	51.00000	68.24000	0.0	0.0	0.0
				91.00000	51.00000	68.24000	0.0	0.0	0.0
				92.00000	51.00000	68.24000	0.0	0.0	0.0
				93.00000	51.00000	68.24000	0.0	0.0	0.0
				94.00000	51.00000	68.24000	0.0	0.0	0.0
				95.00000	51.00000	68.24000	0.0	0.0	0.0
				96.00000	51.00000	68.24000	0.0	0.0	0.0
				97.00000	51.00000	68.24000	0.0	0.0	0.0
				98.00000	51.00000	68.24000	0.0	0.0	0.0
				99.00000	51.00000	68.24000	0.0	0.0	0.0
				100.00000	51.00000	68.24000	0.0	0.0	0.0
				0.00000	52.00000	68.24000	0.0	0.0	0.0
				1.00000	52.00000	68.24000	0.0	0.0	0.0
				2.00000	52.00000	68.24000	0.0	0.0	0.0
				3.00000	52.00000	68.24000	0.0	0.0	0.0
				4.00000	52.00000	68.24000	0.0	0.0	0.0
				5.00000	52.00000	68.24000	0.0	0.0	0.0
				6.00000	52.00000	68.24000	0.0	0.0	0.0
				7.00000	52.00000	68.24000	0.0	0.0	0.0
				8.00000	52.00000	68.24000	0.0	0.0	0.0
				9.00000	52.00000	68.24000	0.0	0.0	0.0
				10.00000	52.00000	68.24000	0.0	0.0	0.0
				11.00000	52.00000	68.24000	0.0	0.0	0.0
				12.00000	52.00000	68.24000	0.0	0.0	0.0
				13.00000	52.00000	68.24000	0.0	0.0	0.0
				14.00000	52.00000	68.24000	0.0	0.0	0.0
				15.00000	52.00000	68.24000	0.0	0.0	0.0
				16.00000	52.00000	68.24000	0.0	0.0	0.0
				17.00000	52.00000	68.24000	0.0	0.0	0.0
				18.00000	52.00000	68.24000	0.0	0.0	0.0
				19.00000	52.00000	68.24000	0.0	0.0	0.0
				20.00000	52.00000	68.24000	0.0	0.0	0.0
				21.00000	52.00000	68.24000	0.0	0.0	0.0
				22.00000	52.00000	68.24000	0.0	0.0	0.0
				23.00000	52.00000	68.24000	0.0	0.0	0.0
				24.00000	52.00000	68.24000	0.0	0.0	0.0
				25.00000	52.00000	68.24000	0.0	0.0	0.0
				26.00000	52.00000	68.24000	0.0	0.0	0.0
				27.00000	52.00000	68.24000	0.0	0.0	0.0
				28.00000	52.00000	68.24000	0.0	0.0	0.0
				29.00000	52.00000	68.24000	0.0	0.0	0.0
				30.00000	52.00000	68.24000	0.0	0.0	0.0
				31.00000	52.00000	68.24000	0.0	0.0	0.0
				32.00000	52.00000	68.24000	0.0	0.0	0.0
				33.00000	52.00000	68.24000	0.0	0.0	0.0
				34.00000	52.00000	68.24000	0.0	0.0	0.0
				35.00000	52.00000	68.24000	0.0	0.0	0.0
				36.00000	52.00000	68.24000	0.0	0.0	0.0
				37.00000	52.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
38.00000		52.00000		68.24000			0.26773	0.048677	0.83007
39.00000		52.00000		68.24000			0.61137	0.11116	1.0085
40.00000		52.00000		68.24000			0.95501	0.17364	0.96373
41.00000		52.00000		68.24000			1.2986	0.23612	1.0032
42.00000		52.00000		68.24000			1.6423	0.29860	1.3007
43.00000		52.00000		68.24000			1.9859	0.36108	1.8959
44.00000		52.00000		68.24000			2.3688	0.43070	2.7017
45.00000		52.00000		68.24000			5.0602	0.78550	5.4806
46.00000		52.00000		68.24000			2.4368	0.28117	2.7609
47.00000		52.00000		68.24000			3.1161	0.35955	3.6017
48.00000		52.00000		68.24000			3.2990	5.1540	7.9237
49.00000		52.00000		68.24000			3.9858	5.1608	7.9271
50.00000		52.00000		68.24000			Point lies	within an	excavation.
51.00000		52.00000		68.24000			Point lies	within an	excavation.
52.00000		52.00000		68.24000			Point lies	within an	excavation.
53.00000		52.00000		68.24000			Point lies	within an	excavation.
54.00000		52.00000		68.24000			Point lies	within an	excavation.
55.00000		52.00000		68.24000			Point lies	within an	excavation.
56.00000		52.00000		68.24000			Point lies	within an	excavation.
57.00000		52.00000		68.24000			Point lies	within an	excavation.
58.00000		52.00000		68.24000			Point lies	within an	excavation.
59.00000		52.00000		68.24000			Point lies	within an	excavation.
60.00000		52.00000		68.24000			Point lies	within an	excavation.
61.00000		52.00000		68.24000			Point lies	within an	excavation.
62.00000		52.00000		68.24000			Point lies	within an	excavation.
63.00000		52.00000		68.24000			Point lies	within an	excavation.
64.00000		52.00000		68.24000			Point lies	within an	excavation.
65.00000		52.00000		68.24000			Point lies	within an	excavation.
66.00000		52.00000		68.24000			Point lies	within an	excavation.
67.00000		52.00000		68.24000			-3.9283	-2.1765	4.0841
68.00000		52.00000		68.24000			-3.4016	-1.8847	4.2200
69.00000		52.00000		68.24000			-2.8750	-1.5929	3.7635
70.00000		52.00000		68.24000			-2.3483	-1.3011	3.0581
71.00000		52.00000		68.24000			-1.9245	-1.0663	2.2971
72.00000		52.00000		68.24000			-1.6528	-0.91576	1.6446
73.00000		52.00000		68.24000			0.0	0.0	0.0
74.00000		52.00000		68.24000			0.0	0.0	0.0
75.00000		52.00000		68.24000			0.0	0.0	0.0
76.00000		52.00000		68.24000			0.0	0.0	0.0
77.00000		52.00000		68.24000			0.0	0.0	0.0
78.00000		52.00000		68.24000			0.0	0.0	0.0
79.00000		52.00000		68.24000			0.0	0.0	0.0
80.00000		52.00000		68.24000			0.0	0.0	0.0
81.00000		52.00000		68.24000			0.0	0.0	0.0
82.00000		52.00000		68.24000			0.0	0.0	0.0
83.00000		52.00000		68.24000			0.0	0.0	0.0
84.00000		52.00000		68.24000			0.0	0.0	0.0
85.00000		52.00000		68.24000			0.0	0.0	0.0
86.00000		52.00000		68.24000			0.0	0.0	0.0
87.00000		52.00000		68.24000			0.0	0.0	0.0
88.00000		52.00000		68.24000			0.0	0.0	0.0
89.00000		52.00000		68.24000			0.0	0.0	0.0
90.00000		52.00000		68.24000			0.0	0.0	0.0
91.00000		52.00000		68.24000			0.0	0.0	0.0
92.00000		52.00000		68.24000			0.0	0.0	0.0
93.00000		52.00000		68.24000			0.0	0.0	0.0
94.00000		52.00000		68.24000			0.0	0.0	0.0
95.00000		52.00000		68.24000			0.0	0.0	0.0
96.00000		52.00000		68.24000			0.0	0.0	0.0
97.00000		52.00000		68.24000			0.0	0.0	0.0
98.00000		52.00000		68.24000			0.0	0.0	0.0
99.00000		52.00000		68.24000			0.0	0.0	0.0
100.00000		52.00000		68.24000			0.0	0.0	0.0
0.00000		53.00000		68.24000			0.0	0.0	0.0
1.00000		53.00000		68.24000			0.0	0.0	0.0
2.00000		53.00000		68.24000			0.0	0.0	0.0
3.00000		53.00000		68.24000			0.0	0.0	0.0
4.00000		53.00000		68.24000			0.0	0.0	0.0
5.00000		53.00000		68.24000			0.0	0.0	0.0
6.00000		53.00000		68.24000			0.0	0.0	0.0
7.00000		53.00000		68.24000			0.0	0.0	0.0
8.00000		53.00000		68.24000			0.0	0.0	0.0
9.00000		53.00000		68.24000			0.0	0.0	0.0
10.00000		53.00000		68.24000			0.0	0.0	0.0
11.00000		53.00000		68.24000			0.0	0.0	0.0
12.00000		53.00000		68.24000			0.0	0.0	0.0
13.00000		53.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
14.00000		53.00000		68.24000			0.0	0.0	0.0
15.00000		53.00000		68.24000			0.0	0.0	0.0
16.00000		53.00000		68.24000			0.0	0.0	0.0
17.00000		53.00000		68.24000			0.0	0.0	0.0
18.00000		53.00000		68.24000			0.0	0.0	0.0
19.00000		53.00000		68.24000			0.0	0.0	0.0
20.00000		53.00000		68.24000			0.0	0.0	0.0
21.00000		53.00000		68.24000			0.0	0.0	0.0
22.00000		53.00000		68.24000			0.0	0.0	0.0
23.00000		53.00000		68.24000			0.0	0.0	0.0
24.00000		53.00000		68.24000			0.0	0.0	0.0
25.00000		53.00000		68.24000			0.0	0.0	0.0
26.00000		53.00000		68.24000			0.0	0.0	0.0
27.00000		53.00000		68.24000			0.0	0.0	0.0
28.00000		53.00000		68.24000			0.0	0.0	0.0
29.00000		53.00000		68.24000			0.0	0.0	0.0
30.00000		53.00000		68.24000			0.0	0.0	0.0
31.00000		53.00000		68.24000			0.0	0.0	0.0
32.00000		53.00000		68.24000			0.0	0.0	0.0
33.00000		53.00000		68.24000			0.0	0.0	0.0
34.00000		53.00000		68.24000			0.0	0.0	0.0
35.00000		53.00000		68.24000			0.0	0.0	0.0
36.00000		53.00000		68.24000			0.0	0.0	0.0
37.00000		53.00000		68.24000			0.0	0.0	0.0
38.00000		53.00000		68.24000			0.33021	0.060037	0.89723
39.00000		53.00000		68.24000			0.67385	0.12252	1.0062
40.00000		53.00000		68.24000			1.0175	0.18500	0.95777
41.00000		53.00000		68.24000			1.3611	0.24748	1.0352
42.00000		53.00000		68.24000			1.7048	0.30996	1.3877
43.00000		53.00000		68.24000			2.0484	0.37244	2.0309
44.00000		53.00000		68.24000			2.4900	0.45272	2.8617
45.00000		53.00000		68.24000			3.1563	0.57387	3.6801
46.00000		53.00000		68.24000			3.8226	0.69502	4.2186
47.00000		53.00000		68.24000			4.4889	0.81616	4.0058
48.00000		53.00000		68.24000					Point lies within an excavation.
49.00000		53.00000		68.24000					Point lies within an excavation.
50.00000		53.00000		68.24000					Point lies within an excavation.
51.00000		53.00000		68.24000					Point lies within an excavation.
52.00000		53.00000		68.24000					Point lies within an excavation.
53.00000		53.00000		68.24000					Point lies within an excavation.
54.00000		53.00000		68.24000					Point lies within an excavation.
55.00000		53.00000		68.24000					Point lies within an excavation.
56.00000		53.00000		68.24000					Point lies within an excavation.
57.00000		53.00000		68.24000					Point lies within an excavation.
58.00000		53.00000		68.24000					Point lies within an excavation.
59.00000		53.00000		68.24000					Point lies within an excavation.
60.00000		53.00000		68.24000					Point lies within an excavation.
61.00000		53.00000		68.24000					Point lies within an excavation.
62.00000		53.00000		68.24000					Point lies within an excavation.
63.00000		53.00000		68.24000					Point lies within an excavation.
64.00000		53.00000		68.24000					Point lies within an excavation.
65.00000		53.00000		68.24000					Point lies within an excavation.
66.00000		53.00000		68.24000			-4.1632	-2.3066	3.7013
67.00000		53.00000		68.24000			-3.6365	-2.0148	4.2596
68.00000		53.00000		68.24000			-3.1098	-1.7230	4.0142
69.00000		53.00000		68.24000			-2.5832	-1.4312	3.3888
70.00000		53.00000		68.24000			-2.0565	-1.1394	2.6274
71.00000		53.00000		68.24000			-1.7740	-0.98287	1.9158
72.00000		53.00000		68.24000			-1.5023	-0.83238	1.3660
73.00000		53.00000		68.24000			-1.2307	-0.68189	1.0494
74.00000		53.00000		68.24000			-0.95910	-0.53139	0.95630
75.00000		53.00000		68.24000			0.0	0.0	0.0
76.00000		53.00000		68.24000			0.0	0.0	0.0
77.00000		53.00000		68.24000			0.0	0.0	0.0
78.00000		53.00000		68.24000			0.0	0.0	0.0
79.00000		53.00000		68.24000			0.0	0.0	0.0
80.00000		53.00000		68.24000			0.0	0.0	0.0
81.00000		53.00000		68.24000			0.0	0.0	0.0
82.00000		53.00000		68.24000			0.0	0.0	0.0
83.00000		53.00000		68.24000			0.0	0.0	0.0
84.00000		53.00000		68.24000			0.0	0.0	0.0
85.00000		53.00000		68.24000			0.0	0.0	0.0
86.00000		53.00000		68.24000			0.0	0.0	0.0
87.00000		53.00000		68.24000			0.0	0.0	0.0
88.00000		53.00000		68.24000			0.0	0.0	0.0
89.00000		53.00000		68.24000			0.0	0.0	0.0
90.00000		53.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
91.00000		53.00000		68.24000			0.0	0.0	0.0
92.00000		53.00000		68.24000			0.0	0.0	0.0
93.00000		53.00000		68.24000			0.0	0.0	0.0
94.00000		53.00000		68.24000			0.0	0.0	0.0
95.00000		53.00000		68.24000			0.0	0.0	0.0
96.00000		53.00000		68.24000			0.0	0.0	0.0
97.00000		53.00000		68.24000			0.0	0.0	0.0
98.00000		53.00000		68.24000			0.0	0.0	0.0
99.00000		53.00000		68.24000			0.0	0.0	0.0
100.00000		53.00000		68.24000			0.0	0.0	0.0
0.00000		54.00000		68.24000			0.0	0.0	0.0
1.00000		54.00000		68.24000			0.0	0.0	0.0
2.00000		54.00000		68.24000			0.0	0.0	0.0
3.00000		54.00000		68.24000			0.0	0.0	0.0
4.00000		54.00000		68.24000			0.0	0.0	0.0
5.00000		54.00000		68.24000			0.0	0.0	0.0
6.00000		54.00000		68.24000			0.0	0.0	0.0
7.00000		54.00000		68.24000			0.0	0.0	0.0
8.00000		54.00000		68.24000			0.0	0.0	0.0
9.00000		54.00000		68.24000			0.0	0.0	0.0
10.00000		54.00000		68.24000			0.0	0.0	0.0
11.00000		54.00000		68.24000			0.0	0.0	0.0
12.00000		54.00000		68.24000			0.0	0.0	0.0
13.00000		54.00000		68.24000			0.0	0.0	0.0
14.00000		54.00000		68.24000			0.0	0.0	0.0
15.00000		54.00000		68.24000			0.0	0.0	0.0
16.00000		54.00000		68.24000			0.0	0.0	0.0
17.00000		54.00000		68.24000			0.0	0.0	0.0
18.00000		54.00000		68.24000			0.0	0.0	0.0
19.00000		54.00000		68.24000			0.0	0.0	0.0
20.00000		54.00000		68.24000			0.0	0.0	0.0
21.00000		54.00000		68.24000			0.0	0.0	0.0
22.00000		54.00000		68.24000			0.0	0.0	0.0
23.00000		54.00000		68.24000			0.0	0.0	0.0
24.00000		54.00000		68.24000			0.0	0.0	0.0
25.00000		54.00000		68.24000			0.0	0.0	0.0
26.00000		54.00000		68.24000			0.0	0.0	0.0
27.00000		54.00000		68.24000			0.0	0.0	0.0
28.00000		54.00000		68.24000			0.0	0.0	0.0
29.00000		54.00000		68.24000			0.0	0.0	0.0
30.00000		54.00000		68.24000			0.0	0.0	0.0
31.00000		54.00000		68.24000			0.0	0.0	0.0
32.00000		54.00000		68.24000			0.0	0.0	0.0
33.00000		54.00000		68.24000			0.0	0.0	0.0
34.00000		54.00000		68.24000			0.0	0.0	0.0
35.00000		54.00000		68.24000			0.0	0.0	0.0
36.00000		54.00000		68.24000			0.0	0.0	0.0
37.00000		54.00000		68.24000			0.049046	0.0089174	0.40390
38.00000		54.00000		68.24000			0.39269	0.071397	0.94576
39.00000		54.00000		68.24000			0.73633	0.13388	0.99900
40.00000		54.00000		68.24000			1.0800	0.19636	0.95633
41.00000		54.00000		68.24000			1.4236	0.25884	1.0766
42.00000		54.00000		68.24000			1.7672	0.32132	1.4847
43.00000		54.00000		68.24000			2.1109	0.38380	2.1719
44.00000		54.00000		68.24000			2.6111	0.47475	3.0192
45.00000		54.00000		68.24000			3.2774	0.59590	3.8088
46.00000		54.00000		68.24000			3.9437	0.71704	4.2543
47.00000		54.00000		68.24000			4.6100	0.83819	3.8316
48.00000		54.00000		68.24000					Point lies within an excavation.
49.00000		54.00000		68.24000					Point lies within an excavation.
50.00000		54.00000		68.24000					Point lies within an excavation.
51.00000		54.00000		68.24000					Point lies within an excavation.
52.00000		54.00000		68.24000					Point lies within an excavation.
53.00000		54.00000		68.24000					Point lies within an excavation.
54.00000		54.00000		68.24000					Point lies within an excavation.
55.00000		54.00000		68.24000					Point lies within an excavation.
56.00000		54.00000		68.24000					Point lies within an excavation.
57.00000		54.00000		68.24000					Point lies within an excavation.
58.00000		54.00000		68.24000			-2.2802	-4.9112	7.5093
59.00000		54.00000		68.24000					Point lies within an excavation.
60.00000		54.00000		68.24000					Point lies within an excavation.
61.00000		54.00000		68.24000					Point lies within an excavation.
62.00000		54.00000		68.24000					Point lies within an excavation.
63.00000		54.00000		68.24000					Point lies within an excavation.
64.00000		54.00000		68.24000					Point lies within an excavation.
65.00000		54.00000		68.24000			-4.3980	-2.4367	3.0410
66.00000		54.00000		68.24000			-3.8714	-2.1449	4.1417

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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.00000	54.00000	68.24000	-3.3447	-1.8531	4.1916
				68.00000	54.00000	68.24000	-2.8180	-1.5613	3.6948
				69.00000	54.00000	68.24000	-2.2914	-1.2696	2.9755
				70.00000	54.00000	68.24000	-1.8951	-1.0500	2.2198
				71.00000	54.00000	68.24000	-1.6235	-0.89949	1.5848
				72.00000	54.00000	68.24000	-1.3519	-0.74900	1.1605
				73.00000	54.00000	68.24000	-1.0802	-0.59851	0.97426
				74.00000	54.00000	68.24000	-0.80861	-0.44801	0.97012
				75.00000	54.00000	68.24000	-0.53699	-0.29752	1.0084
				76.00000	54.00000	68.24000	-0.26537	-0.14703	0.86565
				77.00000	54.00000	68.24000	0.0	0.0	0.0
				78.00000	54.00000	68.24000	0.0	0.0	0.0
				79.00000	54.00000	68.24000	0.0	0.0	0.0
				80.00000	54.00000	68.24000	0.0	0.0	0.0
				81.00000	54.00000	68.24000	0.0	0.0	0.0
				82.00000	54.00000	68.24000	0.0	0.0	0.0
				83.00000	54.00000	68.24000	0.0	0.0	0.0
				84.00000	54.00000	68.24000	0.0	0.0	0.0
				85.00000	54.00000	68.24000	0.0	0.0	0.0
				86.00000	54.00000	68.24000	0.0	0.0	0.0
				87.00000	54.00000	68.24000	0.0	0.0	0.0
				88.00000	54.00000	68.24000	0.0	0.0	0.0
				89.00000	54.00000	68.24000	0.0	0.0	0.0
				90.00000	54.00000	68.24000	0.0	0.0	0.0
				91.00000	54.00000	68.24000	0.0	0.0	0.0
				92.00000	54.00000	68.24000	0.0	0.0	0.0
				93.00000	54.00000	68.24000	0.0	0.0	0.0
				94.00000	54.00000	68.24000	0.0	0.0	0.0
				95.00000	54.00000	68.24000	0.0	0.0	0.0
				96.00000	54.00000	68.24000	0.0	0.0	0.0
				97.00000	54.00000	68.24000	0.0	0.0	0.0
				98.00000	54.00000	68.24000	0.0	0.0	0.0
				99.00000	54.00000	68.24000	0.0	0.0	0.0
				100.00000	54.00000	68.24000	0.0	0.0	0.0
				0.00000	55.00000	68.24000	0.0	0.0	0.0
				1.00000	55.00000	68.24000	0.0	0.0	0.0
				2.00000	55.00000	68.24000	0.0	0.0	0.0
				3.00000	55.00000	68.24000	0.0	0.0	0.0
				4.00000	55.00000	68.24000	0.0	0.0	0.0
				5.00000	55.00000	68.24000	0.0	0.0	0.0
				6.00000	55.00000	68.24000	0.0	0.0	0.0
				7.00000	55.00000	68.24000	0.0	0.0	0.0
				8.00000	55.00000	68.24000	0.0	0.0	0.0
				9.00000	55.00000	68.24000	0.0	0.0	0.0
				10.00000	55.00000	68.24000	0.0	0.0	0.0
				11.00000	55.00000	68.24000	0.0	0.0	0.0
				12.00000	55.00000	68.24000	0.0	0.0	0.0
				13.00000	55.00000	68.24000	0.0	0.0	0.0
				14.00000	55.00000	68.24000	0.0	0.0	0.0
				15.00000	55.00000	68.24000	0.0	0.0	0.0
				16.00000	55.00000	68.24000	0.0	0.0	0.0
				17.00000	55.00000	68.24000	0.0	0.0	0.0
				18.00000	55.00000	68.24000	0.0	0.0	0.0
				19.00000	55.00000	68.24000	0.0	0.0	0.0
				20.00000	55.00000	68.24000	0.0	0.0	0.0
				21.00000	55.00000	68.24000	0.0	0.0	0.0
				22.00000	55.00000	68.24000	0.0	0.0	0.0
				23.00000	55.00000	68.24000	0.0	0.0	0.0
				24.00000	55.00000	68.24000	0.0	0.0	0.0
				25.00000	55.00000	68.24000	0.0	0.0	0.0
				26.00000	55.00000	68.24000	0.0	0.0	0.0
				27.00000	55.00000	68.24000	0.0	0.0	0.0
				28.00000	55.00000	68.24000	0.0	0.0	0.0
				29.00000	55.00000	68.24000	0.0	0.0	0.0
				30.00000	55.00000	68.24000	0.0	0.0	0.0
				31.00000	55.00000	68.24000	0.0	0.0	0.0
				32.00000	55.00000	68.24000	0.0	0.0	0.0
				33.00000	55.00000	68.24000	0.0	0.0	0.0
				34.00000	55.00000	68.24000	0.0	0.0	0.0
				35.00000	55.00000	68.24000	0.0	0.0	0.0
				36.00000	55.00000	68.24000	0.0	0.0	0.0
				37.00000	55.00000	68.24000	0.0	0.0	0.0
				38.00000	55.00000	68.24000	0.45517	0.082757	0.97850
				39.00000	55.00000	68.24000	0.79881	0.14524	0.98901
				40.00000	55.00000	68.24000	1.1424	0.20772	0.96063
				41.00000	55.00000	68.24000	1.4861	0.27020	1.1279
				42.00000	55.00000	68.24000	1.8297	0.33268	1.5913



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
43.00000		55.00000		68.24000			2.1734	0.39516	2.3178
44.00000		55.00000		68.24000			2.7323	0.49678	3.1739
45.00000		55.00000		68.24000			3.3986	0.61792	3.9269
46.00000		55.00000		68.24000			4.0649	0.73907	4.2619
47.00000		55.00000		68.24000			4.7312	0.86022	3.6027
48.00000		55.00000		68.24000			Point lies	within an	excavation.
49.00000		55.00000		68.24000			Point lies	within an	excavation.
50.00000		55.00000		68.24000			Point lies	within an	excavation.
51.00000		55.00000		68.24000			Point lies	within an	excavation.
52.00000		55.00000		68.24000			Point lies	within an	excavation.
53.00000		55.00000		68.24000			Point lies	within an	excavation.
54.00000		55.00000		68.24000			Point lies	within an	excavation.
55.00000		55.00000		68.24000			Point lies	within an	excavation.
56.00000		55.00000		68.24000			Point lies	within an	excavation.
57.00000		55.00000		68.24000			Point lies	within an	excavation.
58.00000		55.00000		68.24000			-2.4605	-4.3773	8.1934
59.00000		55.00000		68.24000			-1.6178	-4.5576	8.3392
60.00000		55.00000		68.24000			-0.77499	-4.7379	7.3164
61.00000		55.00000		68.24000			Point lies	within an	excavation.
62.00000		55.00000		68.24000			Point lies	within an	excavation.
63.00000		55.00000		68.24000			Point lies	within an	excavation.
64.00000		55.00000		68.24000			Point lies	within an	excavation.
65.00000		55.00000		68.24000			-5.1524	-2.4634	4.7737
66.00000		55.00000		68.24000			-4.2819	-2.1097	5.2662
67.00000		55.00000		68.24000			-3.4114	-1.7560	4.8802
68.00000		55.00000		68.24000			-2.5262	-1.3997	3.3104
69.00000		55.00000		68.24000			-2.0162	-1.1171	2.5446
70.00000		55.00000		68.24000			-1.7446	-0.96660	1.8466
71.00000		55.00000		68.24000			-1.4730	-0.81611	1.3200
72.00000		55.00000		68.24000			-1.2014	-0.66562	1.0295
73.00000		55.00000		68.24000			-0.92974	-0.51513	0.95648
74.00000		55.00000		68.24000			-0.65812	-0.36463	0.99844
75.00000		55.00000		68.24000			-0.38650	-0.21414	0.96936
76.00000		55.00000		68.24000			-0.11488	-0.063650	0.59958
77.00000		55.00000		68.24000			0.0	0.0	0.0
78.00000		55.00000		68.24000			0.0	0.0	0.0
79.00000		55.00000		68.24000			0.0	0.0	0.0
80.00000		55.00000		68.24000			0.0	0.0	0.0
81.00000		55.00000		68.24000			0.0	0.0	0.0
82.00000		55.00000		68.24000			0.0	0.0	0.0
83.00000		55.00000		68.24000			0.0	0.0	0.0
84.00000		55.00000		68.24000			0.0	0.0	0.0
85.00000		55.00000		68.24000			0.0	0.0	0.0
86.00000		55.00000		68.24000			0.0	0.0	0.0
87.00000		55.00000		68.24000			0.0	0.0	0.0
88.00000		55.00000		68.24000			0.0	0.0	0.0
89.00000		55.00000		68.24000			0.0	0.0	0.0
90.00000		55.00000		68.24000			0.0	0.0	0.0
91.00000		55.00000		68.24000			0.0	0.0	0.0
92.00000		55.00000		68.24000			0.0	0.0	0.0
93.00000		55.00000		68.24000			0.0	0.0	0.0
94.00000		55.00000		68.24000			0.0	0.0	0.0
95.00000		55.00000		68.24000			0.0	0.0	0.0
96.00000		55.00000		68.24000			0.0	0.0	0.0
97.00000		55.00000		68.24000			0.0	0.0	0.0
98.00000		55.00000		68.24000			0.0	0.0	0.0
99.00000		55.00000		68.24000			0.0	0.0	0.0
100.00000		55.00000		68.24000			0.0	0.0	0.0
0.00000		56.00000		68.24000			0.0	0.0	0.0
1.00000		56.00000		68.24000			0.0	0.0	0.0
2.00000		56.00000		68.24000			0.0	0.0	0.0
3.00000		56.00000		68.24000			0.0	0.0	0.0
4.00000		56.00000		68.24000			0.0	0.0	0.0
5.00000		56.00000		68.24000			0.0	0.0	0.0
6.00000		56.00000		68.24000			0.0	0.0	0.0
7.00000		56.00000		68.24000			0.0	0.0	0.0
8.00000		56.00000		68.24000			0.0	0.0	0.0
9.00000		56.00000		68.24000			0.0	0.0	0.0
10.00000		56.00000		68.24000			0.0	0.0	0.0
11.00000		56.00000		68.24000			0.0	0.0	0.0
12.00000		56.00000		68.24000			0.0	0.0	0.0
13.00000		56.00000		68.24000			0.0	0.0	0.0
14.00000		56.00000		68.24000			0.0	0.0	0.0
15.00000		56.00000		68.24000			0.0	0.0	0.0
16.00000		56.00000		68.24000			0.0	0.0	0.0
17.00000		56.00000		68.24000			0.0	0.0	0.0
18.00000		56.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
19.00000		56.00000		68.24000			0.0	0.0	0.0
20.00000		56.00000		68.24000			0.0	0.0	0.0
21.00000		56.00000		68.24000			0.0	0.0	0.0
22.00000		56.00000		68.24000			0.0	0.0	0.0
23.00000		56.00000		68.24000			0.0	0.0	0.0
24.00000		56.00000		68.24000			0.0	0.0	0.0
25.00000		56.00000		68.24000			0.0	0.0	0.0
26.00000		56.00000		68.24000			0.0	0.0	0.0
27.00000		56.00000		68.24000			0.0	0.0	0.0
28.00000		56.00000		68.24000			0.0	0.0	0.0
29.00000		56.00000		68.24000			0.0	0.0	0.0
30.00000		56.00000		68.24000			0.0	0.0	0.0
31.00000		56.00000		68.24000			0.0	0.0	0.0
32.00000		56.00000		68.24000			0.0	0.0	0.0
33.00000		56.00000		68.24000			0.0	0.0	0.0
34.00000		56.00000		68.24000			0.0	0.0	0.0
35.00000		56.00000		68.24000			0.0	0.0	0.0
36.00000		56.00000		68.24000			0.0	0.0	0.0
37.00000		56.00000		68.24000			0.0	0.0	0.0
38.00000		56.00000		68.24000			0.0	0.0	0.0
39.00000		56.00000		68.24000			0.0	0.0	0.0
40.00000		56.00000		68.24000			0.0	0.0	0.0
41.00000		56.00000		68.24000			0.0	0.0	0.0
42.00000		56.00000		68.24000			0.0	0.0	0.0
43.00000		56.00000		68.24000			2.2358	0.40652	2.4672
44.00000		56.00000		68.24000			2.8534	0.51880	3.3251
45.00000		56.00000		68.24000			3.5197	0.63995	4.0320
46.00000		56.00000		68.24000			4.1860	0.76110	4.2375
47.00000		56.00000		68.24000			4.8523	0.88224	3.3131
48.00000		56.00000		68.24000			Point lies	within an	excavation.
49.00000		56.00000		68.24000			Point lies	within an	excavation.
50.00000		56.00000		68.24000			Point lies	within an	excavation.
51.00000		56.00000		68.24000			Point lies	within an	excavation.
52.00000		56.00000		68.24000			Point lies	within an	excavation.
53.00000		56.00000		68.24000			Point lies	within an	excavation.
54.00000		56.00000		68.24000			Point lies	within an	excavation.
55.00000		56.00000		68.24000			Point lies	within an	excavation.
56.00000		56.00000		68.24000			Point lies	within an	excavation.
57.00000		56.00000		68.24000			Point lies	within an	excavation.
58.00000		56.00000		68.24000			-2.6408	-3.8434	8.0716
59.00000		56.00000		68.24000			-1.7981	-4.0237	8.4064
60.00000		56.00000		68.24000			-0.95529	-4.2040	7.8545
61.00000		56.00000		68.24000			-0.11251	-4.3843	6.7667
62.00000		56.00000		68.24000			0.47428	-4.6107	5.2921
63.00000		56.00000		68.24000			Point lies	within an	excavation.
64.00000		56.00000		68.24000			-5.6692	-2.6443	4.2469
65.00000		56.00000		68.24000			-4.7987	-2.2906	5.1478
66.00000		56.00000		68.24000			-3.9282	-1.9369	5.1652
67.00000		56.00000		68.24000			-3.0577	-1.5832	4.4872
68.00000		56.00000		68.24000			-2.2344	-1.2380	2.8922
69.00000		56.00000		68.24000			-1.8657	-1.0337	2.1436
70.00000		56.00000		68.24000			-1.5941	-0.88322	1.5276
71.00000		56.00000		68.24000			-1.3225	-0.73273	1.1291
72.00000		56.00000		68.24000			-1.0509	-0.58224	0.96682
73.00000		56.00000		68.24000			-0.77925	-0.43174	0.97549
74.00000		56.00000		68.24000			-0.50763	-0.28125	1.0064
75.00000		56.00000		68.24000			-0.23601	-0.13076	0.82725
76.00000		56.00000		68.24000			0.0	0.0	0.0
77.00000		56.00000		68.24000			0.0	0.0	0.0
78.00000		56.00000		68.24000			0.0	0.0	0.0
79.00000		56.00000		68.24000			0.0	0.0	0.0
80.00000		56.00000		68.24000			0.0	0.0	0.0
81.00000		56.00000		68.24000			0.0	0.0	0.0
82.00000		56.00000		68.24000			0.0	0.0	0.0
83.00000		56.00000		68.24000			0.0	0.0	0.0
84.00000		56.00000		68.24000			0.0	0.0	0.0
85.00000		56.00000		68.24000			0.0	0.0	0.0
86.00000		56.00000		68.24000			0.0	0.0	0.0
87.00000		56.00000		68.24000			0.0	0.0	0.0
88.00000		56.00000		68.24000			0.0	0.0	0.0
89.00000		56.00000		68.24000			0.0	0.0	0.0
90.00000		56.00000		68.24000			0.0	0.0	0.0
91.00000		56.00000		68.24000			0.0	0.0	0.0
92.00000		56.00000		68.24000			0.0	0.0	0.0
93.00000		56.00000		68.24000			0.0	0.0	0.0
94.00000		56.00000		68.24000			0.0	0.0	0.0
95.00000		56.00000		68.24000			0.0	0.0	0.0

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

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
96.00000		56.00000		68.24000			0.0	0.0	0.0
97.00000		56.00000		68.24000			0.0	0.0	0.0
98.00000		56.00000		68.24000			0.0	0.0	0.0
99.00000		56.00000		68.24000			0.0	0.0	0.0
100.00000		56.00000		68.24000			0.0	0.0	0.0
0.00000		57.00000		68.24000			0.0	0.0	0.0
1.00000		57.00000		68.24000			0.0	0.0	0.0
2.00000		57.00000		68.24000			0.0	0.0	0.0
3.00000		57.00000		68.24000			0.0	0.0	0.0
4.00000		57.00000		68.24000			0.0	0.0	0.0
5.00000		57.00000		68.24000			0.0	0.0	0.0
6.00000		57.00000		68.24000			0.0	0.0	0.0
7.00000		57.00000		68.24000			0.0	0.0	0.0
8.00000		57.00000		68.24000			0.0	0.0	0.0
9.00000		57.00000		68.24000			0.0	0.0	0.0
10.00000		57.00000		68.24000			0.0	0.0	0.0
11.00000		57.00000		68.24000			0.0	0.0	0.0
12.00000		57.00000		68.24000			0.0	0.0	0.0
13.00000		57.00000		68.24000			0.0	0.0	0.0
14.00000		57.00000		68.24000			0.0	0.0	0.0
15.00000		57.00000		68.24000			0.0	0.0	0.0
16.00000		57.00000		68.24000			0.0	0.0	0.0
17.00000		57.00000		68.24000			0.0	0.0	0.0
18.00000		57.00000		68.24000			0.0	0.0	0.0
19.00000		57.00000		68.24000			0.0	0.0	0.0
20.00000		57.00000		68.24000			0.0	0.0	0.0
21.00000		57.00000		68.24000			0.0	0.0	0.0
22.00000		57.00000		68.24000			0.0	0.0	0.0
23.00000		57.00000		68.24000			0.0	0.0	0.0
24.00000		57.00000		68.24000			0.0	0.0	0.0
25.00000		57.00000		68.24000			0.0	0.0	0.0
26.00000		57.00000		68.24000			0.0	0.0	0.0
27.00000		57.00000		68.24000			0.0	0.0	0.0
28.00000		57.00000		68.24000			0.0	0.0	0.0
29.00000		57.00000		68.24000			0.0	0.0	0.0
30.00000		57.00000		68.24000			0.0	0.0	0.0
31.00000		57.00000		68.24000			0.0	0.0	0.0
32.00000		57.00000		68.24000			0.0	0.0	0.0
33.00000		57.00000		68.24000			0.0	0.0	0.0
34.00000		57.00000		68.24000			0.0	0.0	0.0
35.00000		57.00000		68.24000			0.0	0.0	0.0
36.00000		57.00000		68.24000			0.0	0.0	0.0
37.00000		57.00000		68.24000			0.0	0.0	0.0
38.00000		57.00000		68.24000			0.0	0.0	0.0
39.00000		57.00000		68.24000			0.0	0.0	0.0
40.00000		57.00000		68.24000			0.0	0.0	0.0
41.00000		57.00000		68.24000			0.0	0.0	0.0
42.00000		57.00000		68.24000			0.0	0.0	0.0
43.00000		57.00000		68.24000			0.0	0.0	0.0
44.00000		57.00000		68.24000			0.0	0.0	0.0
45.00000		57.00000		68.24000			0.0	0.0	0.0
46.00000		57.00000		68.24000			0.0	0.0	0.0
47.00000		57.00000		68.24000			0.98720	-4.7950	3.4052
48.00000		57.00000		68.24000			Point lies within an excavation.		
49.00000		57.00000		68.24000			Point lies within an excavation.		
50.00000		57.00000		68.24000			Point lies within an excavation.		
51.00000		57.00000		68.24000			Point lies within an excavation.		
52.00000		57.00000		68.24000			Point lies within an excavation.		
53.00000		57.00000		68.24000			Point lies within an excavation.		
54.00000		57.00000		68.24000			Point lies within an excavation.		
55.00000		57.00000		68.24000			Point lies within an excavation.		
56.00000		57.00000		68.24000			Point lies within an excavation.		
57.00000		57.00000		68.24000			Point lies within an excavation.		
58.00000		57.00000		68.24000			-2.8211	-3.3096	7.5480
59.00000		57.00000		68.24000			-1.9784	-3.4898	7.8824
60.00000		57.00000		68.24000			-1.1356	-3.6701	7.5442
61.00000		57.00000		68.24000			-0.29281	-3.8504	6.8664
62.00000		57.00000		68.24000			0.23586	-4.0873	6.0330
63.00000		57.00000		68.24000			0.75576	-4.3257	5.1028
64.00000		57.00000		68.24000			-1.2662	-0.22792	0.99005
65.00000		57.00000		68.24000			-4.4450	-2.1178	5.2256
66.00000		57.00000		68.24000			-3.5745	-1.7641	4.9071
67.00000		57.00000		68.24000			-2.7040	-1.4104	4.0166
68.00000		57.00000		68.24000			-1.9869	-1.1008	2.4647
69.00000		57.00000		68.24000			-1.7152	-0.95033	1.7796
70.00000		57.00000		68.24000			-1.4436	-0.79984	1.2768
71.00000		57.00000		68.24000			-1.1720	-0.64935	1.0123



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Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				72.00000	57.00000	68.24000	-0.90037	-0.49886	0.95808
				73.00000	57.00000	68.24000	-0.62876	-0.34836	1.0028
				74.00000	57.00000	68.24000	-0.35714	-0.19787	0.95140
				75.00000	57.00000	68.24000	-0.085516	-0.047381	0.52511
				76.00000	57.00000	68.24000	0.0	0.0	0.0
				77.00000	57.00000	68.24000	0.0	0.0	0.0
				78.00000	57.00000	68.24000	0.0	0.0	0.0
				79.00000	57.00000	68.24000	0.0	0.0	0.0
				80.00000	57.00000	68.24000	0.0	0.0	0.0
				81.00000	57.00000	68.24000	0.0	0.0	0.0
				82.00000	57.00000	68.24000	0.0	0.0	0.0
				83.00000	57.00000	68.24000	0.0	0.0	0.0
				84.00000	57.00000	68.24000	0.0	0.0	0.0
				85.00000	57.00000	68.24000	0.0	0.0	0.0
				86.00000	57.00000	68.24000	0.0	0.0	0.0
				87.00000	57.00000	68.24000	0.0	0.0	0.0
				88.00000	57.00000	68.24000	0.0	0.0	0.0
				89.00000	57.00000	68.24000	0.0	0.0	0.0
				90.00000	57.00000	68.24000	0.0	0.0	0.0
				91.00000	57.00000	68.24000	0.0	0.0	0.0
				92.00000	57.00000	68.24000	0.0	0.0	0.0
				93.00000	57.00000	68.24000	0.0	0.0	0.0
				94.00000	57.00000	68.24000	0.0	0.0	0.0
				95.00000	57.00000	68.24000	0.0	0.0	0.0
				96.00000	57.00000	68.24000	0.0	0.0	0.0
				97.00000	57.00000	68.24000	0.0	0.0	0.0
				98.00000	57.00000	68.24000	0.0	0.0	0.0
				99.00000	57.00000	68.24000	0.0	0.0	0.0
				100.00000	57.00000	68.24000	0.0	0.0	0.0
				0.00000	58.00000	68.24000	0.0	0.0	0.0
				1.00000	58.00000	68.24000	0.0	0.0	0.0
				2.00000	58.00000	68.24000	0.0	0.0	0.0
				3.00000	58.00000	68.24000	0.0	0.0	0.0
				4.00000	58.00000	68.24000	0.0	0.0	0.0
				5.00000	58.00000	68.24000	0.0	0.0	0.0
				6.00000	58.00000	68.24000	0.0	0.0	0.0
				7.00000	58.00000	68.24000	0.0	0.0	0.0
				8.00000	58.00000	68.24000	0.0	0.0	0.0
				9.00000	58.00000	68.24000	0.0	0.0	0.0
				10.00000	58.00000	68.24000	0.0	0.0	0.0
				11.00000	58.00000	68.24000	0.0	0.0	0.0
				12.00000	58.00000	68.24000	0.0	0.0	0.0
				13.00000	58.00000	68.24000	0.0	0.0	0.0
				14.00000	58.00000	68.24000	0.0	0.0	0.0
				15.00000	58.00000	68.24000	0.0	0.0	0.0
				16.00000	58.00000	68.24000	0.0	0.0	0.0
				17.00000	58.00000	68.24000	0.0	0.0	0.0
				18.00000	58.00000	68.24000	0.0	0.0	0.0
				19.00000	58.00000	68.24000	0.0	0.0	0.0
				20.00000	58.00000	68.24000	0.0	0.0	0.0
				21.00000	58.00000	68.24000	0.0	0.0	0.0
				22.00000	58.00000	68.24000	0.0	0.0	0.0
				23.00000	58.00000	68.24000	0.0	0.0	0.0
				24.00000	58.00000	68.24000	0.0	0.0	0.0
				25.00000	58.00000	68.24000	0.0	0.0	0.0
				26.00000	58.00000	68.24000	0.0	0.0	0.0
				27.00000	58.00000	68.24000	0.0	0.0	0.0
				28.00000	58.00000	68.24000	0.0	0.0	0.0
				29.00000	58.00000	68.24000	0.0	0.0	0.0
				30.00000	58.00000	68.24000	0.0	0.0	0.0
				31.00000	58.00000	68.24000	0.0	0.0	0.0
				32.00000	58.00000	68.24000	0.0	0.0	0.0
				33.00000	58.00000	68.24000	0.0	0.0	0.0
				34.00000	58.00000	68.24000	0.0	0.0	0.0
				35.00000	58.00000	68.24000	0.0	0.0	0.0
				36.00000	58.00000	68.24000	0.0	0.0	0.0
				37.00000	58.00000	68.24000	0.0	0.0	0.0
				38.00000	58.00000	68.24000	0.0	0.0	0.0
				39.00000	58.00000	68.24000	0.0	0.0	0.0
				40.00000	58.00000	68.24000	0.028400	0.0	0.34361
				41.00000	58.00000	68.24000	0.38340	0.0	0.93532
				42.00000	58.00000	68.24000	0.73840	0.0	1.0004
				43.00000	58.00000	68.24000	1.0934	0.0	0.95626
				44.00000	58.00000	68.24000	1.4484	0.0	1.0776
				45.00000	58.00000	68.24000	1.8034	0.0	1.4963
				46.00000	58.00000	68.24000	2.1584	0.0	2.2012
				47.00000	58.00000	68.24000	3.5413	-4.1346	7.3125



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
48.00000	58.00000	68.24000		48.00000	58.00000	68.24000	4.2576	-4.2706	8.0432
49.00000	58.00000	68.24000		49.00000	58.00000	68.24000	4.9740	-4.4066	8.3377
50.00000	58.00000	68.24000		50.00000	58.00000	68.24000	5.6903	-4.5425	7.6152
51.00000	58.00000	68.24000		51.00000	58.00000	68.24000			Point lies within an excavation.
52.00000	58.00000	68.24000		52.00000	58.00000	68.24000			Point lies within an excavation.
53.00000	58.00000	68.24000		53.00000	58.00000	68.24000			Point lies within an excavation.
54.00000	58.00000	68.24000		54.00000	58.00000	68.24000			Point lies within an excavation.
55.00000	58.00000	68.24000		55.00000	58.00000	68.24000			Point lies within an excavation.
56.00000	58.00000	68.24000		56.00000	58.00000	68.24000			Point lies within an excavation.
57.00000	58.00000	68.24000		57.00000	58.00000	68.24000	-3.7635	-2.7330	5.5083
58.00000	58.00000	68.24000		58.00000	58.00000	68.24000	-3.0014	-2.7757	6.8556
59.00000	58.00000	68.24000		59.00000	58.00000	68.24000	-2.1587	-2.9560	7.0986
60.00000	58.00000	68.24000		60.00000	58.00000	68.24000	-1.3159	-3.1363	6.8151
61.00000	58.00000	68.24000		61.00000	58.00000	68.24000	-0.52245	-3.3254	6.3307
62.00000	58.00000	68.24000		62.00000	58.00000	68.24000	-0.0025509	-3.5638	5.8492
63.00000	58.00000	68.24000		63.00000	58.00000	68.24000	-1.5482	-0.27868	1.1884
64.00000	58.00000	68.24000		64.00000	58.00000	68.24000	-1.2043	-0.21678	0.97152
65.00000	58.00000	68.24000		65.00000	58.00000	68.24000	-0.86048	-0.15489	0.97827
66.00000	58.00000	68.24000		66.00000	58.00000	68.24000	-3.2208	-1.5912	4.5483
67.00000	58.00000	68.24000		67.00000	58.00000	68.24000	-2.3503	-1.2376	3.4936
68.00000	58.00000	68.24000		68.00000	58.00000	68.24000	-1.8364	-1.0174	2.0690
69.00000	58.00000	68.24000		69.00000	58.00000	68.24000	-1.5647	-0.86695	1.4730
70.00000	58.00000	68.24000		70.00000	58.00000	68.24000	-1.2931	-0.71646	1.1007
71.00000	58.00000	68.24000		71.00000	58.00000	68.24000	-1.0215	-0.56597	0.96145
72.00000	58.00000	68.24000		72.00000	58.00000	68.24000	-0.74988	-0.41548	0.98119
73.00000	58.00000	68.24000		73.00000	58.00000	68.24000	-0.47826	-0.26498	1.0021
74.00000	58.00000	68.24000		74.00000	58.00000	68.24000	-0.20664	-0.11449	0.78277
75.00000	58.00000	68.24000		75.00000	58.00000	68.24000	0.0	0.0	0.0
76.00000	58.00000	68.24000		76.00000	58.00000	68.24000	0.0	0.0	0.0
77.00000	58.00000	68.24000		77.00000	58.00000	68.24000	0.0	0.0	0.0
78.00000	58.00000	68.24000		78.00000	58.00000	68.24000	0.0	0.0	0.0
79.00000	58.00000	68.24000		79.00000	58.00000	68.24000	0.0	0.0	0.0
80.00000	58.00000	68.24000		80.00000	58.00000	68.24000	0.0	0.0	0.0
81.00000	58.00000	68.24000		81.00000	58.00000	68.24000	0.0	0.0	0.0
82.00000	58.00000	68.24000		82.00000	58.00000	68.24000	0.0	0.0	0.0
83.00000	58.00000	68.24000		83.00000	58.00000	68.24000	0.0	0.0	0.0
84.00000	58.00000	68.24000		84.00000	58.00000	68.24000	0.0	0.0	0.0
85.00000	58.00000	68.24000		85.00000	58.00000	68.24000	0.0	0.0	0.0
86.00000	58.00000	68.24000		86.00000	58.00000	68.24000	0.0	0.0	0.0
87.00000	58.00000	68.24000		87.00000	58.00000	68.24000	0.0	0.0	0.0
88.00000	58.00000	68.24000		88.00000	58.00000	68.24000	0.0	0.0	0.0
89.00000	58.00000	68.24000		89.00000	58.00000	68.24000	0.0	0.0	0.0
90.00000	58.00000	68.24000		90.00000	58.00000	68.24000	0.0	0.0	0.0
91.00000	58.00000	68.24000		91.00000	58.00000	68.24000	0.0	0.0	0.0
92.00000	58.00000	68.24000		92.00000	58.00000	68.24000	0.0	0.0	0.0
93.00000	58.00000	68.24000		93.00000	58.00000	68.24000	0.0	0.0	0.0
94.00000	58.00000	68.24000		94.00000	58.00000	68.24000	0.0	0.0	0.0
95.00000	58.00000	68.24000		95.00000	58.00000	68.24000	0.0	0.0	0.0
96.00000	58.00000	68.24000		96.00000	58.00000	68.24000	0.0	0.0	0.0
97.00000	58.00000	68.24000		97.00000	58.00000	68.24000	0.0	0.0	0.0
98.00000	58.00000	68.24000		98.00000	58.00000	68.24000	0.0	0.0	0.0
99.00000	58.00000	68.24000		99.00000	58.00000	68.24000	0.0	0.0	0.0
100.00000	58.00000	68.24000		100.00000	58.00000	68.24000	0.0	0.0	0.0
0.00000	59.00000	68.24000		0.00000	59.00000	68.24000	0.0	0.0	0.0
1.00000	59.00000	68.24000		1.00000	59.00000	68.24000	0.0	0.0	0.0
2.00000	59.00000	68.24000		2.00000	59.00000	68.24000	0.0	0.0	0.0
3.00000	59.00000	68.24000		3.00000	59.00000	68.24000	0.0	0.0	0.0
4.00000	59.00000	68.24000		4.00000	59.00000	68.24000	0.0	0.0	0.0
5.00000	59.00000	68.24000		5.00000	59.00000	68.24000	0.0	0.0	0.0
6.00000	59.00000	68.24000		6.00000	59.00000	68.24000	0.0	0.0	0.0
7.00000	59.00000	68.24000		7.00000	59.00000	68.24000	0.0	0.0	0.0
8.00000	59.00000	68.24000		8.00000	59.00000	68.24000	0.0	0.0	0.0
9.00000	59.00000	68.24000		9.00000	59.00000	68.24000	0.0	0.0	0.0
10.00000	59.00000	68.24000		10.00000	59.00000	68.24000	0.0	0.0	0.0
11.00000	59.00000	68.24000		11.00000	59.00000	68.24000	0.0	0.0	0.0
12.00000	59.00000	68.24000		12.00000	59.00000	68.24000	0.0	0.0	0.0
13.00000	59.00000	68.24000		13.00000	59.00000	68.24000	0.0	0.0	0.0
14.00000	59.00000	68.24000		14.00000	59.00000	68.24000	0.0	0.0	0.0
15.00000	59.00000	68.24000		15.00000	59.00000	68.24000	0.0	0.0	0.0
16.00000	59.00000	68.24000		16.00000	59.00000	68.24000	0.0	0.0	0.0
17.00000	59.00000	68.24000		17.00000	59.00000	68.24000	0.0	0.0	0.0
18.00000	59.00000	68.24000		18.00000	59.00000	68.24000	0.0	0.0	0.0
19.00000	59.00000	68.24000		19.00000	59.00000	68.24000	0.0	0.0	0.0
20.00000	59.00000	68.24000		20.00000	59.00000	68.24000	0.0	0.0	0.0
21.00000	59.00000	68.24000		21.00000	59.00000	68.24000	0.0	0.0	0.0
22.00000	59.00000	68.24000		22.00000	59.00000	68.24000	0.0	0.0	0.0
23.00000	59.00000	68.24000		23.00000	59.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				24.00000	59.00000	68.24000	0.0	0.0	0.0
				25.00000	59.00000	68.24000	0.0	0.0	0.0
				26.00000	59.00000	68.24000	0.0	0.0	0.0
				27.00000	59.00000	68.24000	0.0	0.0	0.0
				28.00000	59.00000	68.24000	0.0	0.0	0.0
				29.00000	59.00000	68.24000	0.0	0.0	0.0
				30.00000	59.00000	68.24000	0.0	0.0	0.0
				31.00000	59.00000	68.24000	0.0	0.0	0.0
				32.00000	59.00000	68.24000	0.0	0.0	0.0
				33.00000	59.00000	68.24000	0.0	0.0	0.0
				34.00000	59.00000	68.24000	0.0	0.0	0.0
				35.00000	59.00000	68.24000	0.0	0.0	0.0
				36.00000	59.00000	68.24000	0.0	0.0	0.0
				37.00000	59.00000	68.24000	0.0	0.0	0.0
				38.00000	59.00000	68.24000	0.0	0.0	0.0
				39.00000	59.00000	68.24000	0.0	0.0	0.0
				40.00000	59.00000	68.24000	0.0	0.0	0.0
				41.00000	59.00000	68.24000	0.0	0.0	0.0
				42.00000	59.00000	68.24000	0.0	0.0	0.0
				43.00000	59.00000	68.24000	0.0	0.0	0.0
				44.00000	59.00000	68.24000	0.0	0.0	0.0
				45.00000	59.00000	68.24000	0.0	0.0	0.0
				46.00000	59.00000	68.24000	0.0	0.0	0.0
				47.00000	59.00000	68.24000	0.71530	-3.4743	4.0075
				48.00000	59.00000	68.24000	0.74329	-3.6103	4.1116
				49.00000	59.00000	68.24000	0.77128	-3.7462	4.1921
				50.00000	59.00000	68.24000	0.79927	-3.8822	4.2443
				51.00000	59.00000	68.24000	0.15200	-4.5601	4.0057
				52.00000	59.00000	68.24000	0.15277	-4.5830	3.9771
				53.00000	59.00000	68.24000	0.15353	-4.6059	3.9468
				54.00000	59.00000	68.24000	-0.13540	-4.6034	3.9509
				55.00000	59.00000	68.24000	0.61872	-5.8686	5.0878
				56.00000	59.00000	68.24000	0.71011	-6.0033	5.3039
				57.00000	59.00000	68.24000	0.93511	-1.5952	1.5728
				58.00000	59.00000	68.24000	1.0259	-1.7501	1.9169
				59.00000	59.00000	68.24000	1.1167	-1.9049	2.3158
				60.00000	59.00000	68.24000	1.2371	-2.1104	2.7520
				61.00000	59.00000	68.24000	-0.76087	-2.8020	5.5131
				62.00000	59.00000	68.24000	-0.24096	-3.0404	5.1991
				63.00000	59.00000	68.24000	-1.4863	-0.26753	1.1276
				64.00000	59.00000	68.24000	-1.1424	-0.20564	0.96058
				65.00000	59.00000	68.24000	-0.79859	-0.14375	0.98909
				66.00000	59.00000	68.24000	-0.45473	-0.081851	0.97825
				67.00000	59.00000	68.24000	-0.11087	-0.019956	0.55915
				68.00000	59.00000	68.24000	-1.6859	-0.93406	1.7147
				69.00000	59.00000	68.24000	-1.4142	-0.78357	1.2365
				70.00000	59.00000	68.24000	-1.1426	-0.63308	0.99755
				71.00000	59.00000	68.24000	-0.87101	-0.48259	0.96091
				72.00000	59.00000	68.24000	-0.59939	-0.33209	1.0062
				73.00000	59.00000	68.24000	-0.32777	-0.18160	0.92913
				74.00000	59.00000	68.24000	-0.056152	-0.031111	0.44210
				75.00000	59.00000	68.24000	0.0	0.0	0.0
				76.00000	59.00000	68.24000	0.0	0.0	0.0
				77.00000	59.00000	68.24000	0.0	0.0	0.0
				78.00000	59.00000	68.24000	0.0	0.0	0.0
				79.00000	59.00000	68.24000	0.0	0.0	0.0
				80.00000	59.00000	68.24000	0.0	0.0	0.0
				81.00000	59.00000	68.24000	0.0	0.0	0.0
				82.00000	59.00000	68.24000	0.0	0.0	0.0
				83.00000	59.00000	68.24000	0.0	0.0	0.0
				84.00000	59.00000	68.24000	0.0	0.0	0.0
				85.00000	59.00000	68.24000	0.0	0.0	0.0
				86.00000	59.00000	68.24000	0.0	0.0	0.0
				87.00000	59.00000	68.24000	0.0	0.0	0.0
				88.00000	59.00000	68.24000	0.0	0.0	0.0
				89.00000	59.00000	68.24000	0.0	0.0	0.0
				90.00000	59.00000	68.24000	0.0	0.0	0.0
				91.00000	59.00000	68.24000	0.0	0.0	0.0
				92.00000	59.00000	68.24000	0.0	0.0	0.0
				93.00000	59.00000	68.24000	0.0	0.0	0.0
				94.00000	59.00000	68.24000	0.0	0.0	0.0
				95.00000	59.00000	68.24000	0.0	0.0	0.0
				96.00000	59.00000	68.24000	0.0	0.0	0.0
				97.00000	59.00000	68.24000	0.0	0.0	0.0
				98.00000	59.00000	68.24000	0.0	0.0	0.0
				99.00000	59.00000	68.24000	0.0	0.0	0.0
				100.00000	59.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
1.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
2.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
3.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
4.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
5.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
6.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
7.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
8.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
9.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
10.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
11.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
12.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
13.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
14.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
15.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
16.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
17.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
18.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
19.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
20.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
21.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
22.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
23.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
24.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
25.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
26.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
27.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
28.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
29.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
30.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
31.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
32.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
33.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
34.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
35.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
36.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
37.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
38.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
39.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
40.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
41.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
42.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
43.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
44.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
45.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
46.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
47.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.57935	-2.8140	3.2920
48.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.60734	-2.9499	3.4582
49.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.63533	-3.0859	3.6171
50.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
51.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.12908	-3.8725	4.2144
52.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.12985	-3.8954	4.2233
53.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.13061	-3.9183	4.2315
54.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.39268	-4.7820	5.1905
55.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.48407	-4.9167	5.1869
56.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.57545	-5.0513	5.2394
57.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.78022	-1.3310	1.1579
58.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.87102	-1.4859	1.3728
59.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.96181	-1.6407	1.6671
60.00000	60.00000	68.24000		0.00000	60.00000	68.24000	1.0526	-1.7956	2.0296
61.00000	60.00000	68.24000		0.00000	60.00000	68.24000	1.1434	-1.9505	2.4398
62.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
63.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
64.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
65.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
66.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
67.00000	60.00000	68.24000		0.00000	60.00000	68.24000	-0.048973	-0.0088152	0.40366
68.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
69.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
70.00000	60.00000	68.24000		0.00000	60.00000	68.24000	-0.99214	-0.54970	0.95803
71.00000	60.00000	68.24000		0.00000	60.00000	68.24000	-0.72052	-0.39921	0.98699
72.00000	60.00000	68.24000		0.00000	60.00000	68.24000	-0.44890	-0.24871	0.99506
73.00000	60.00000	68.24000		0.00000	60.00000	68.24000	-0.17728	-0.098223	0.73178
74.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
75.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0
76.00000	60.00000	68.24000		0.00000	60.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				77.00000	60.00000	68.24000	0.0	0.0	0.0
				78.00000	60.00000	68.24000	0.0	0.0	0.0
				79.00000	60.00000	68.24000	0.0	0.0	0.0
				80.00000	60.00000	68.24000	0.0	0.0	0.0
				81.00000	60.00000	68.24000	0.0	0.0	0.0
				82.00000	60.00000	68.24000	0.0	0.0	0.0
				83.00000	60.00000	68.24000	0.0	0.0	0.0
				84.00000	60.00000	68.24000	0.0	0.0	0.0
				85.00000	60.00000	68.24000	0.0	0.0	0.0
				86.00000	60.00000	68.24000	0.0	0.0	0.0
				87.00000	60.00000	68.24000	0.0	0.0	0.0
				88.00000	60.00000	68.24000	0.0	0.0	0.0
				89.00000	60.00000	68.24000	0.0	0.0	0.0
				90.00000	60.00000	68.24000	0.0	0.0	0.0
				91.00000	60.00000	68.24000	0.0	0.0	0.0
				92.00000	60.00000	68.24000	0.0	0.0	0.0
				93.00000	60.00000	68.24000	0.0	0.0	0.0
				94.00000	60.00000	68.24000	0.0	0.0	0.0
				95.00000	60.00000	68.24000	0.0	0.0	0.0
				96.00000	60.00000	68.24000	0.0	0.0	0.0
				97.00000	60.00000	68.24000	0.0	0.0	0.0
				98.00000	60.00000	68.24000	0.0	0.0	0.0
				99.00000	60.00000	68.24000	0.0	0.0	0.0
				100.00000	60.00000	68.24000	0.0	0.0	0.0
				0.00000	61.00000	68.24000	0.0	0.0	0.0
				1.00000	61.00000	68.24000	0.0	0.0	0.0
				2.00000	61.00000	68.24000	0.0	0.0	0.0
				3.00000	61.00000	68.24000	0.0	0.0	0.0
				4.00000	61.00000	68.24000	0.0	0.0	0.0
				5.00000	61.00000	68.24000	0.0	0.0	0.0
				6.00000	61.00000	68.24000	0.0	0.0	0.0
				7.00000	61.00000	68.24000	0.0	0.0	0.0
				8.00000	61.00000	68.24000	0.0	0.0	0.0
				9.00000	61.00000	68.24000	0.0	0.0	0.0
				10.00000	61.00000	68.24000	0.0	0.0	0.0
				11.00000	61.00000	68.24000	0.0	0.0	0.0
				12.00000	61.00000	68.24000	0.0	0.0	0.0
				13.00000	61.00000	68.24000	0.0	0.0	0.0
				14.00000	61.00000	68.24000	0.0	0.0	0.0
				15.00000	61.00000	68.24000	0.0	0.0	0.0
				16.00000	61.00000	68.24000	0.0	0.0	0.0
				17.00000	61.00000	68.24000	0.0	0.0	0.0
				18.00000	61.00000	68.24000	0.0	0.0	0.0
				19.00000	61.00000	68.24000	0.0	0.0	0.0
				20.00000	61.00000	68.24000	0.0	0.0	0.0
				21.00000	61.00000	68.24000	0.0	0.0	0.0
				22.00000	61.00000	68.24000	0.0	0.0	0.0
				23.00000	61.00000	68.24000	0.0	0.0	0.0
				24.00000	61.00000	68.24000	0.0	0.0	0.0
				25.00000	61.00000	68.24000	0.0	0.0	0.0
				26.00000	61.00000	68.24000	0.0	0.0	0.0
				27.00000	61.00000	68.24000	0.0	0.0	0.0
				28.00000	61.00000	68.24000	0.0	0.0	0.0
				29.00000	61.00000	68.24000	0.0	0.0	0.0
				30.00000	61.00000	68.24000	0.0	0.0	0.0
				31.00000	61.00000	68.24000	0.0	0.0	0.0
				32.00000	61.00000	68.24000	0.0	0.0	0.0
				33.00000	61.00000	68.24000	0.0	0.0	0.0
				34.00000	61.00000	68.24000	0.0	0.0	0.0
				35.00000	61.00000	68.24000	0.0	0.0	0.0
				36.00000	61.00000	68.24000	0.0	0.0	0.0
				37.00000	61.00000	68.24000	0.0	0.0	0.0
				38.00000	61.00000	68.24000	0.0	0.0	0.0
				39.00000	61.00000	68.24000	0.0	0.0	0.0
				40.00000	61.00000	68.24000	0.0	0.0	0.0
				41.00000	61.00000	68.24000	0.0	0.0	0.0
				42.00000	61.00000	68.24000	0.0	0.0	0.0
				43.00000	61.00000	68.24000	0.0	0.0	0.0
				44.00000	61.00000	68.24000	0.0	0.0	0.0
				45.00000	61.00000	68.24000	0.0	0.0	0.0
				46.00000	61.00000	68.24000	0.0	0.0	0.0
				47.00000	61.00000	68.24000	0.45574	-2.2136	2.4377
				48.00000	61.00000	68.24000	0.47138	-2.2896	2.6096
				49.00000	61.00000	68.24000	0.49937	-2.4255	2.7913
				50.00000	61.00000	68.24000	0.0	0.0	0.0
				51.00000	61.00000	68.24000	0.10616	-3.1849	3.6569
				52.00000	61.00000	68.24000	0.10693	-3.2078	3.6819



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				53.00000	61.00000	68.24000	0.10769	-3.2308	3.7065
				54.00000	61.00000	68.24000	0.25803	-3.8301	4.7081
				55.00000	61.00000	68.24000	0.34941	-3.9647	4.6591
				56.00000	61.00000	68.24000	0.44080	-4.0994	4.6160
				57.00000	61.00000	68.24000	0.62534	-1.0668	0.97466
				58.00000	61.00000	68.24000	0.71614	-1.2216	1.0552
				59.00000	61.00000	68.24000	0.80693	-1.3765	1.2126
				60.00000	61.00000	68.24000	0.89772	-1.5314	1.4514
				61.00000	61.00000	68.24000	0.0	0.0	0.0
				62.00000	61.00000	68.24000	0.0	0.0	0.0
				63.00000	61.00000	68.24000	0.0	0.0	0.0
				64.00000	61.00000	68.24000	0.0	0.0	0.0
				65.00000	61.00000	68.24000	0.0	0.0	0.0
				66.00000	61.00000	68.24000	0.0	0.0	0.0
				67.00000	61.00000	68.24000	0.0	0.0	0.0
				68.00000	61.00000	68.24000	0.0	0.0	0.0
				69.00000	61.00000	68.24000	0.0	0.0	0.0
				70.00000	61.00000	68.24000	0.0	0.0	0.0
				71.00000	61.00000	68.24000	0.0	0.0	0.0
				72.00000	61.00000	68.24000	-0.29841	-0.16533	0.90216
				73.00000	61.00000	68.24000	-0.026788	-0.014842	0.35004
				74.00000	61.00000	68.24000	0.0	0.0	0.0
				75.00000	61.00000	68.24000	0.0	0.0	0.0
				76.00000	61.00000	68.24000	0.0	0.0	0.0
				77.00000	61.00000	68.24000	0.0	0.0	0.0
				78.00000	61.00000	68.24000	0.0	0.0	0.0
				79.00000	61.00000	68.24000	0.0	0.0	0.0
				80.00000	61.00000	68.24000	0.0	0.0	0.0
				81.00000	61.00000	68.24000	0.0	0.0	0.0
				82.00000	61.00000	68.24000	0.0	0.0	0.0
				83.00000	61.00000	68.24000	0.0	0.0	0.0
				84.00000	61.00000	68.24000	0.0	0.0	0.0
				85.00000	61.00000	68.24000	0.0	0.0	0.0
				86.00000	61.00000	68.24000	0.0	0.0	0.0
				87.00000	61.00000	68.24000	0.0	0.0	0.0
				88.00000	61.00000	68.24000	0.0	0.0	0.0
				89.00000	61.00000	68.24000	0.0	0.0	0.0
				90.00000	61.00000	68.24000	0.0	0.0	0.0
				91.00000	61.00000	68.24000	0.0	0.0	0.0
				92.00000	61.00000	68.24000	0.0	0.0	0.0
				93.00000	61.00000	68.24000	0.0	0.0	0.0
				94.00000	61.00000	68.24000	0.0	0.0	0.0
				95.00000	61.00000	68.24000	0.0	0.0	0.0
				96.00000	61.00000	68.24000	0.0	0.0	0.0
				97.00000	61.00000	68.24000	0.0	0.0	0.0
				98.00000	61.00000	68.24000	0.0	0.0	0.0
				99.00000	61.00000	68.24000	0.0	0.0	0.0
				100.00000	61.00000	68.24000	0.0	0.0	0.0
				0.00000	62.00000	68.24000	0.0	0.0	0.0
				1.00000	62.00000	68.24000	0.0	0.0	0.0
				2.00000	62.00000	68.24000	0.0	0.0	0.0
				3.00000	62.00000	68.24000	0.0	0.0	0.0
				4.00000	62.00000	68.24000	0.0	0.0	0.0
				5.00000	62.00000	68.24000	0.0	0.0	0.0
				6.00000	62.00000	68.24000	0.0	0.0	0.0
				7.00000	62.00000	68.24000	0.0	0.0	0.0
				8.00000	62.00000	68.24000	0.0	0.0	0.0
				9.00000	62.00000	68.24000	0.0	0.0	0.0
				10.00000	62.00000	68.24000	0.0	0.0	0.0
				11.00000	62.00000	68.24000	0.0	0.0	0.0
				12.00000	62.00000	68.24000	0.0	0.0	0.0
				13.00000	62.00000	68.24000	0.0	0.0	0.0
				14.00000	62.00000	68.24000	0.0	0.0	0.0
				15.00000	62.00000	68.24000	0.0	0.0	0.0
				16.00000	62.00000	68.24000	0.0	0.0	0.0
				17.00000	62.00000	68.24000	0.0	0.0	0.0
				18.00000	62.00000	68.24000	0.0	0.0	0.0
				19.00000	62.00000	68.24000	0.0	0.0	0.0
				20.00000	62.00000	68.24000	0.0	0.0	0.0
				21.00000	62.00000	68.24000	0.0	0.0	0.0
				22.00000	62.00000	68.24000	0.0	0.0	0.0
				23.00000	62.00000	68.24000	0.0	0.0	0.0
				24.00000	62.00000	68.24000	0.0	0.0	0.0
				25.00000	62.00000	68.24000	0.0	0.0	0.0
				26.00000	62.00000	68.24000	0.0	0.0	0.0
				27.00000	62.00000	68.24000	0.0	0.0	0.0
				28.00000	62.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
29.00000		62.00000		68.24000			0.0	0.0	0.0
30.00000		62.00000		68.24000			0.0	0.0	0.0
31.00000		62.00000		68.24000			0.0	0.0	0.0
32.00000		62.00000		68.24000			0.0	0.0	0.0
33.00000		62.00000		68.24000			0.0	0.0	0.0
34.00000		62.00000		68.24000			0.0	0.0	0.0
35.00000		62.00000		68.24000			0.0	0.0	0.0
36.00000		62.00000		68.24000			0.0	0.0	0.0
37.00000		62.00000		68.24000			0.0	0.0	0.0
38.00000		62.00000		68.24000			0.0	0.0	0.0
39.00000		62.00000		68.24000			0.0	0.0	0.0
40.00000		62.00000		68.24000			0.0	0.0	0.0
41.00000		62.00000		68.24000			0.0	0.0	0.0
42.00000		62.00000		68.24000			0.0	0.0	0.0
43.00000		62.00000		68.24000			0.0	0.0	0.0
44.00000		62.00000		68.24000			0.0	0.0	0.0
45.00000		62.00000		68.24000			0.0	0.0	0.0
46.00000		62.00000		68.24000			0.37119	-1.8029	1.5585
47.00000		62.00000		68.24000			0.38563	-1.8730	1.6865
48.00000		62.00000		68.24000			0.40006	-1.9432	1.8253
49.00000		62.00000		68.24000			0.41450	-2.0133	1.9738
50.00000		62.00000		68.24000			0.0	0.0	0.0
51.00000		62.00000		68.24000			0.083245	-2.4974	2.8202
52.00000		62.00000		68.24000			0.084009	-2.5203	2.8499
53.00000		62.00000		68.24000			0.19207	-2.7262	3.6263
54.00000		62.00000		68.24000			0.12338	-2.8781	3.8162
55.00000		62.00000		68.24000			0.21476	-3.0128	3.8546
56.00000		62.00000		68.24000			0.30615	-3.1475	3.8216
57.00000		62.00000		68.24000			0.47046	-0.80256	0.96924
58.00000		62.00000		68.24000			0.56126	-0.95744	0.95667
59.00000		62.00000		68.24000			0.65205	-1.1123	0.99106
60.00000		62.00000		68.24000			0.74284	-1.2672	1.0932
61.00000		62.00000		68.24000			0.0	0.0	0.0
62.00000		62.00000		68.24000			0.0	0.0	0.0
63.00000		62.00000		68.24000			0.0	0.0	0.0
64.00000		62.00000		68.24000			0.0	0.0	0.0
65.00000		62.00000		68.24000			0.0	0.0	0.0
66.00000		62.00000		68.24000			0.0	0.0	0.0
67.00000		62.00000		68.24000			0.0	0.0	0.0
68.00000		62.00000		68.24000			0.0	0.0	0.0
69.00000		62.00000		68.24000			0.0	0.0	0.0
70.00000		62.00000		68.24000			0.0	0.0	0.0
71.00000		62.00000		68.24000			0.0	0.0	0.0
72.00000		62.00000		68.24000			0.0	0.0	0.0
73.00000		62.00000		68.24000			0.0	0.0	0.0
74.00000		62.00000		68.24000			0.0	0.0	0.0
75.00000		62.00000		68.24000			0.0	0.0	0.0
76.00000		62.00000		68.24000			0.0	0.0	0.0
77.00000		62.00000		68.24000			0.0	0.0	0.0
78.00000		62.00000		68.24000			0.0	0.0	0.0
79.00000		62.00000		68.24000			0.0	0.0	0.0
80.00000		62.00000		68.24000			0.0	0.0	0.0
81.00000		62.00000		68.24000			0.0	0.0	0.0
82.00000		62.00000		68.24000			0.0	0.0	0.0
83.00000		62.00000		68.24000			0.0	0.0	0.0
84.00000		62.00000		68.24000			0.0	0.0	0.0
85.00000		62.00000		68.24000			0.0	0.0	0.0
86.00000		62.00000		68.24000			0.0	0.0	0.0
87.00000		62.00000		68.24000			0.0	0.0	0.0
88.00000		62.00000		68.24000			0.0	0.0	0.0
89.00000		62.00000		68.24000			0.0	0.0	0.0
90.00000		62.00000		68.24000			0.0	0.0	0.0
91.00000		62.00000		68.24000			0.0	0.0	0.0
92.00000		62.00000		68.24000			0.0	0.0	0.0
93.00000		62.00000		68.24000			0.0	0.0	0.0
94.00000		62.00000		68.24000			0.0	0.0	0.0
95.00000		62.00000		68.24000			0.0	0.0	0.0
96.00000		62.00000		68.24000			0.0	0.0	0.0
97.00000		62.00000		68.24000			0.0	0.0	0.0
98.00000		62.00000		68.24000			0.0	0.0	0.0
99.00000		62.00000		68.24000			0.0	0.0	0.0
100.00000		62.00000		68.24000			0.0	0.0	0.0
0.00000		63.00000		68.24000			0.0	0.0	0.0
1.00000		63.00000		68.24000			0.0	0.0	0.0
2.00000		63.00000		68.24000			0.0	0.0	0.0
3.00000		63.00000		68.24000			0.0	0.0	0.0
4.00000		63.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
5.00000		63.00000		68.24000			0.0	0.0	0.0
6.00000		63.00000		68.24000			0.0	0.0	0.0
7.00000		63.00000		68.24000			0.0	0.0	0.0
8.00000		63.00000		68.24000			0.0	0.0	0.0
9.00000		63.00000		68.24000			0.0	0.0	0.0
10.00000		63.00000		68.24000			0.0	0.0	0.0
11.00000		63.00000		68.24000			0.0	0.0	0.0
12.00000		63.00000		68.24000			0.0	0.0	0.0
13.00000		63.00000		68.24000			0.0	0.0	0.0
14.00000		63.00000		68.24000			0.0	0.0	0.0
15.00000		63.00000		68.24000			0.0	0.0	0.0
16.00000		63.00000		68.24000			0.0	0.0	0.0
17.00000		63.00000		68.24000			0.0	0.0	0.0
18.00000		63.00000		68.24000			0.0	0.0	0.0
19.00000		63.00000		68.24000			0.0	0.0	0.0
20.00000		63.00000		68.24000			0.0	0.0	0.0
21.00000		63.00000		68.24000			0.0	0.0	0.0
22.00000		63.00000		68.24000			0.0	0.0	0.0
23.00000		63.00000		68.24000			0.0	0.0	0.0
24.00000		63.00000		68.24000			0.0	0.0	0.0
25.00000		63.00000		68.24000			0.0	0.0	0.0
26.00000		63.00000		68.24000			0.0	0.0	0.0
27.00000		63.00000		68.24000			0.0	0.0	0.0
28.00000		63.00000		68.24000			0.0	0.0	0.0
29.00000		63.00000		68.24000			0.0	0.0	0.0
30.00000		63.00000		68.24000			0.0	0.0	0.0
31.00000		63.00000		68.24000			0.0	0.0	0.0
32.00000		63.00000		68.24000			0.0	0.0	0.0
33.00000		63.00000		68.24000			0.0	0.0	0.0
34.00000		63.00000		68.24000			0.0	0.0	0.0
35.00000		63.00000		68.24000			0.0	0.0	0.0
36.00000		63.00000		68.24000			0.0	0.0	0.0
37.00000		63.00000		68.24000			0.0	0.0	0.0
38.00000		63.00000		68.24000			0.0	0.0	0.0
39.00000		63.00000		68.24000			0.0	0.0	0.0
40.00000		63.00000		68.24000			0.0	0.0	0.0
41.00000		63.00000		68.24000			0.0	0.0	0.0
42.00000		63.00000		68.24000			0.0	0.0	0.0
43.00000		63.00000		68.24000			0.0	0.0	0.0
44.00000		63.00000		68.24000			0.0	0.0	0.0
45.00000		63.00000		68.24000			0.0	0.0	0.0
46.00000		63.00000		68.24000			0.30107	-1.4624	1.1128
47.00000		63.00000		68.24000			0.31551	-1.5325	1.1796
48.00000		63.00000		68.24000			0.32994	-1.6026	1.2595
49.00000		63.00000		68.24000			0.34438	-1.6727	1.3524
50.00000		63.00000		68.24000			0.0	0.0	0.0
51.00000		63.00000		68.24000			0.068626	-2.0588	1.9832
52.00000		63.00000		68.24000			0.069020	-2.0706	2.0087
53.00000		63.00000		68.24000			0.069414	-2.0824	2.0343
54.00000		63.00000		68.24000			-0.017997	-2.1547	2.5262
55.00000		63.00000		68.24000			0.073102	-2.2991	2.8291
56.00000		63.00000		68.24000			0.16420	-2.4435	2.9561
57.00000		63.00000		68.24000			0.31558	-0.53835	1.0085
58.00000		63.00000		68.24000			0.40638	-0.69323	0.99041
59.00000		63.00000		68.24000			0.49717	-0.84811	0.96227
60.00000		63.00000		68.24000			0.0	0.0	0.0
61.00000		63.00000		68.24000			0.0	0.0	0.0
62.00000		63.00000		68.24000			0.0	0.0	0.0
63.00000		63.00000		68.24000			0.0	0.0	0.0
64.00000		63.00000		68.24000			0.0	0.0	0.0
65.00000		63.00000		68.24000			0.0	0.0	0.0
66.00000		63.00000		68.24000			0.0	0.0	0.0
67.00000		63.00000		68.24000			0.0	0.0	0.0
68.00000		63.00000		68.24000			0.0	0.0	0.0
69.00000		63.00000		68.24000			0.0	0.0	0.0
70.00000		63.00000		68.24000			0.0	0.0	0.0
71.00000		63.00000		68.24000			0.0	0.0	0.0
72.00000		63.00000		68.24000			0.0	0.0	0.0
73.00000		63.00000		68.24000			0.0	0.0	0.0
74.00000		63.00000		68.24000			0.0	0.0	0.0
75.00000		63.00000		68.24000			0.0	0.0	0.0
76.00000		63.00000		68.24000			0.0	0.0	0.0
77.00000		63.00000		68.24000			0.0	0.0	0.0
78.00000		63.00000		68.24000			0.0	0.0	0.0
79.00000		63.00000		68.24000			0.0	0.0	0.0
80.00000		63.00000		68.24000			0.0	0.0	0.0
81.00000		63.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				82.00000	63.00000	68.24000	0.0	0.0	0.0
				83.00000	63.00000	68.24000	0.0	0.0	0.0
				84.00000	63.00000	68.24000	0.0	0.0	0.0
				85.00000	63.00000	68.24000	0.0	0.0	0.0
				86.00000	63.00000	68.24000	0.0	0.0	0.0
				87.00000	63.00000	68.24000	0.0	0.0	0.0
				88.00000	63.00000	68.24000	0.0	0.0	0.0
				89.00000	63.00000	68.24000	0.0	0.0	0.0
				90.00000	63.00000	68.24000	0.0	0.0	0.0
				91.00000	63.00000	68.24000	0.0	0.0	0.0
				92.00000	63.00000	68.24000	0.0	0.0	0.0
				93.00000	63.00000	68.24000	0.0	0.0	0.0
				94.00000	63.00000	68.24000	0.0	0.0	0.0
				95.00000	63.00000	68.24000	0.0	0.0	0.0
				96.00000	63.00000	68.24000	0.0	0.0	0.0
				97.00000	63.00000	68.24000	0.0	0.0	0.0
				98.00000	63.00000	68.24000	0.0	0.0	0.0
				99.00000	63.00000	68.24000	0.0	0.0	0.0
				100.00000	63.00000	68.24000	0.0	0.0	0.0
				0.00000	64.00000	68.24000	0.0	0.0	0.0
				1.00000	64.00000	68.24000	0.0	0.0	0.0
				2.00000	64.00000	68.24000	0.0	0.0	0.0
				3.00000	64.00000	68.24000	0.0	0.0	0.0
				4.00000	64.00000	68.24000	0.0	0.0	0.0
				5.00000	64.00000	68.24000	0.0	0.0	0.0
				6.00000	64.00000	68.24000	0.0	0.0	0.0
				7.00000	64.00000	68.24000	0.0	0.0	0.0
				8.00000	64.00000	68.24000	0.0	0.0	0.0
				9.00000	64.00000	68.24000	0.0	0.0	0.0
				10.00000	64.00000	68.24000	0.0	0.0	0.0
				11.00000	64.00000	68.24000	0.0	0.0	0.0
				12.00000	64.00000	68.24000	0.0	0.0	0.0
				13.00000	64.00000	68.24000	0.0	0.0	0.0
				14.00000	64.00000	68.24000	0.0	0.0	0.0
				15.00000	64.00000	68.24000	0.0	0.0	0.0
				16.00000	64.00000	68.24000	0.0	0.0	0.0
				17.00000	64.00000	68.24000	0.0	0.0	0.0
				18.00000	64.00000	68.24000	0.0	0.0	0.0
				19.00000	64.00000	68.24000	0.0	0.0	0.0
				20.00000	64.00000	68.24000	0.0	0.0	0.0
				21.00000	64.00000	68.24000	0.0	0.0	0.0
				22.00000	64.00000	68.24000	0.0	0.0	0.0
				23.00000	64.00000	68.24000	0.0	0.0	0.0
				24.00000	64.00000	68.24000	0.0	0.0	0.0
				25.00000	64.00000	68.24000	0.0	0.0	0.0
				26.00000	64.00000	68.24000	0.0	0.0	0.0
				27.00000	64.00000	68.24000	0.0	0.0	0.0
				28.00000	64.00000	68.24000	0.0	0.0	0.0
				29.00000	64.00000	68.24000	0.0	0.0	0.0
				30.00000	64.00000	68.24000	0.0	0.0	0.0
				31.00000	64.00000	68.24000	0.0	0.0	0.0
				32.00000	64.00000	68.24000	0.0	0.0	0.0
				33.00000	64.00000	68.24000	0.0	0.0	0.0
				34.00000	64.00000	68.24000	0.0	0.0	0.0
				35.00000	64.00000	68.24000	0.0	0.0	0.0
				36.00000	64.00000	68.24000	0.0	0.0	0.0
				37.00000	64.00000	68.24000	0.0	0.0	0.0
				38.00000	64.00000	68.24000	0.0	0.0	0.0
				39.00000	64.00000	68.24000	0.0	0.0	0.0
				40.00000	64.00000	68.24000	0.0	0.0	0.0
				41.00000	64.00000	68.24000	0.0	0.0	0.0
				42.00000	64.00000	68.24000	0.0	0.0	0.0
				43.00000	64.00000	68.24000	0.0	0.0	0.0
				44.00000	64.00000	68.24000	0.0	0.0	0.0
				45.00000	64.00000	68.24000	0.0	0.0	0.0
				46.00000	64.00000	68.24000	0.23096	-1.1218	0.95895
				47.00000	64.00000	68.24000	0.24539	-1.1919	0.96999
				48.00000	64.00000	68.24000	0.25983	-1.2620	0.99074
				49.00000	64.00000	68.24000	0.27426	-1.3321	1.0224
				50.00000	64.00000	68.24000	0.0	0.0	0.0
				51.00000	64.00000	68.24000	0.056806	-1.7042	1.3487
				52.00000	64.00000	68.24000	0.057200	-1.7160	1.3652
				53.00000	64.00000	68.24000	0.057594	-1.7278	1.3820
				54.00000	64.00000	68.24000	-0.050772	-1.7263	1.3795
				55.00000	64.00000	68.24000	-0.050465	-1.7158	1.3646
				56.00000	64.00000	68.24000	0.019752	-1.8246	1.9639
				57.00000	64.00000	68.24000	0.16070	-0.27414	0.88036



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
LTD		
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				58.00000	64.00000	68.24000	0.25149	-0.42902	0.99067
				59.00000	64.00000	68.24000	0.34229	-0.58390	1.0068
				60.00000	64.00000	68.24000	0.0	0.0	0.0
				61.00000	64.00000	68.24000	0.0	0.0	0.0
				62.00000	64.00000	68.24000	0.0	0.0	0.0
				63.00000	64.00000	68.24000	0.0	0.0	0.0
				64.00000	64.00000	68.24000	0.0	0.0	0.0
				65.00000	64.00000	68.24000	0.0	0.0	0.0
				66.00000	64.00000	68.24000	0.0	0.0	0.0
				67.00000	64.00000	68.24000	0.0	0.0	0.0
				68.00000	64.00000	68.24000	0.0	0.0	0.0
				69.00000	64.00000	68.24000	0.0	0.0	0.0
				70.00000	64.00000	68.24000	0.0	0.0	0.0
				71.00000	64.00000	68.24000	0.0	0.0	0.0
				72.00000	64.00000	68.24000	0.0	0.0	0.0
				73.00000	64.00000	68.24000	0.0	0.0	0.0
				74.00000	64.00000	68.24000	0.0	0.0	0.0
				75.00000	64.00000	68.24000	0.0	0.0	0.0
				76.00000	64.00000	68.24000	0.0	0.0	0.0
				77.00000	64.00000	68.24000	0.0	0.0	0.0
				78.00000	64.00000	68.24000	0.0	0.0	0.0
				79.00000	64.00000	68.24000	0.0	0.0	0.0
				80.00000	64.00000	68.24000	0.0	0.0	0.0
				81.00000	64.00000	68.24000	0.0	0.0	0.0
				82.00000	64.00000	68.24000	0.0	0.0	0.0
				83.00000	64.00000	68.24000	0.0	0.0	0.0
				84.00000	64.00000	68.24000	0.0	0.0	0.0
				85.00000	64.00000	68.24000	0.0	0.0	0.0
				86.00000	64.00000	68.24000	0.0	0.0	0.0
				87.00000	64.00000	68.24000	0.0	0.0	0.0
				88.00000	64.00000	68.24000	0.0	0.0	0.0
				89.00000	64.00000	68.24000	0.0	0.0	0.0
				90.00000	64.00000	68.24000	0.0	0.0	0.0
				91.00000	64.00000	68.24000	0.0	0.0	0.0
				92.00000	64.00000	68.24000	0.0	0.0	0.0
				93.00000	64.00000	68.24000	0.0	0.0	0.0
				94.00000	64.00000	68.24000	0.0	0.0	0.0
				95.00000	64.00000	68.24000	0.0	0.0	0.0
				96.00000	64.00000	68.24000	0.0	0.0	0.0
				97.00000	64.00000	68.24000	0.0	0.0	0.0
				98.00000	64.00000	68.24000	0.0	0.0	0.0
				99.00000	64.00000	68.24000	0.0	0.0	0.0
				100.00000	64.00000	68.24000	0.0	0.0	0.0
				0.00000	65.00000	68.24000	0.0	0.0	0.0
				1.00000	65.00000	68.24000	0.0	0.0	0.0
				2.00000	65.00000	68.24000	0.0	0.0	0.0
				3.00000	65.00000	68.24000	0.0	0.0	0.0
				4.00000	65.00000	68.24000	0.0	0.0	0.0
				5.00000	65.00000	68.24000	0.0	0.0	0.0
				6.00000	65.00000	68.24000	0.0	0.0	0.0
				7.00000	65.00000	68.24000	0.0	0.0	0.0
				8.00000	65.00000	68.24000	0.0	0.0	0.0
				9.00000	65.00000	68.24000	0.0	0.0	0.0
				10.00000	65.00000	68.24000	0.0	0.0	0.0
				11.00000	65.00000	68.24000	0.0	0.0	0.0
				12.00000	65.00000	68.24000	0.0	0.0	0.0
				13.00000	65.00000	68.24000	0.0	0.0	0.0
				14.00000	65.00000	68.24000	0.0	0.0	0.0
				15.00000	65.00000	68.24000	0.0	0.0	0.0
				16.00000	65.00000	68.24000	0.0	0.0	0.0
				17.00000	65.00000	68.24000	0.0	0.0	0.0
				18.00000	65.00000	68.24000	0.0	0.0	0.0
				19.00000	65.00000	68.24000	0.0	0.0	0.0
				20.00000	65.00000	68.24000	0.0	0.0	0.0
				21.00000	65.00000	68.24000	0.0	0.0	0.0
				22.00000	65.00000	68.24000	0.0	0.0	0.0
				23.00000	65.00000	68.24000	0.0	0.0	0.0
				24.00000	65.00000	68.24000	0.0	0.0	0.0
				25.00000	65.00000	68.24000	0.0	0.0	0.0
				26.00000	65.00000	68.24000	0.0	0.0	0.0
				27.00000	65.00000	68.24000	0.0	0.0	0.0
				28.00000	65.00000	68.24000	0.0	0.0	0.0
				29.00000	65.00000	68.24000	0.0	0.0	0.0
				30.00000	65.00000	68.24000	0.0	0.0	0.0
				31.00000	65.00000	68.24000	0.0	0.0	0.0
				32.00000	65.00000	68.24000	0.0	0.0	0.0
				33.00000	65.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				34.00000	65.00000	68.24000	0.0	0.0	0.0
				35.00000	65.00000	68.24000	0.0	0.0	0.0
				36.00000	65.00000	68.24000	0.0	0.0	0.0
				37.00000	65.00000	68.24000	0.0	0.0	0.0
				38.00000	65.00000	68.24000	0.0	0.0	0.0
				39.00000	65.00000	68.24000	0.0	0.0	0.0
				40.00000	65.00000	68.24000	0.0	0.0	0.0
				41.00000	65.00000	68.24000	0.0	0.0	0.0
				42.00000	65.00000	68.24000	0.0	0.0	0.0
				43.00000	65.00000	68.24000	0.0	0.0	0.0
				44.00000	65.00000	68.24000	0.0	0.0	0.0
				45.00000	65.00000	68.24000	0.0	0.0	0.0
				46.00000	65.00000	68.24000	0.16084	-0.78123	0.99140
				47.00000	65.00000	68.24000	0.17528	-0.85134	0.97914
				48.00000	65.00000	68.24000	0.18971	-0.92146	0.96770
				49.00000	65.00000	68.24000	0.0	0.0	0.0
				50.00000	65.00000	68.24000	0.0	0.0	0.0
				51.00000	65.00000	68.24000	0.044986	-1.3496	1.0174
				52.00000	65.00000	68.24000	0.045380	-1.3614	1.0234
				53.00000	65.00000	68.24000	0.045774	-1.3732	1.0298
				54.00000	65.00000	68.24000	-0.040340	-1.3716	1.0288
				55.00000	65.00000	68.24000	-0.040033	-1.3611	1.0232
				56.00000	65.00000	68.24000	-0.039726	-1.3507	1.0179
				57.00000	65.00000	68.24000	0.0058222	-0.0099320	0.29339
				58.00000	65.00000	68.24000	0.096614	-0.16481	0.71250
				59.00000	65.00000	68.24000	0.0	0.0	0.0
				60.00000	65.00000	68.24000	0.0	0.0	0.0
				61.00000	65.00000	68.24000	0.0	0.0	0.0
				62.00000	65.00000	68.24000	0.0	0.0	0.0
				63.00000	65.00000	68.24000	0.0	0.0	0.0
				64.00000	65.00000	68.24000	0.0	0.0	0.0
				65.00000	65.00000	68.24000	0.0	0.0	0.0
				66.00000	65.00000	68.24000	0.0	0.0	0.0
				67.00000	65.00000	68.24000	0.0	0.0	0.0
				68.00000	65.00000	68.24000	0.0	0.0	0.0
				69.00000	65.00000	68.24000	0.0	0.0	0.0
				70.00000	65.00000	68.24000	0.0	0.0	0.0
				71.00000	65.00000	68.24000	0.0	0.0	0.0
				72.00000	65.00000	68.24000	0.0	0.0	0.0
				73.00000	65.00000	68.24000	0.0	0.0	0.0
				74.00000	65.00000	68.24000	0.0	0.0	0.0
				75.00000	65.00000	68.24000	0.0	0.0	0.0
				76.00000	65.00000	68.24000	0.0	0.0	0.0
				77.00000	65.00000	68.24000	0.0	0.0	0.0
				78.00000	65.00000	68.24000	0.0	0.0	0.0
				79.00000	65.00000	68.24000	0.0	0.0	0.0
				80.00000	65.00000	68.24000	0.0	0.0	0.0
				81.00000	65.00000	68.24000	0.0	0.0	0.0
				82.00000	65.00000	68.24000	0.0	0.0	0.0
				83.00000	65.00000	68.24000	0.0	0.0	0.0
				84.00000	65.00000	68.24000	0.0	0.0	0.0
				85.00000	65.00000	68.24000	0.0	0.0	0.0
				86.00000	65.00000	68.24000	0.0	0.0	0.0
				87.00000	65.00000	68.24000	0.0	0.0	0.0
				88.00000	65.00000	68.24000	0.0	0.0	0.0
				89.00000	65.00000	68.24000	0.0	0.0	0.0
				90.00000	65.00000	68.24000	0.0	0.0	0.0
				91.00000	65.00000	68.24000	0.0	0.0	0.0
				92.00000	65.00000	68.24000	0.0	0.0	0.0
				93.00000	65.00000	68.24000	0.0	0.0	0.0
				94.00000	65.00000	68.24000	0.0	0.0	0.0
				95.00000	65.00000	68.24000	0.0	0.0	0.0
				96.00000	65.00000	68.24000	0.0	0.0	0.0
				97.00000	65.00000	68.24000	0.0	0.0	0.0
				98.00000	65.00000	68.24000	0.0	0.0	0.0
				99.00000	65.00000	68.24000	0.0	0.0	0.0
				100.00000	65.00000	68.24000	0.0	0.0	0.0
				0.00000	66.00000	68.24000	0.0	0.0	0.0
				1.00000	66.00000	68.24000	0.0	0.0	0.0
				2.00000	66.00000	68.24000	0.0	0.0	0.0
				3.00000	66.00000	68.24000	0.0	0.0	0.0
				4.00000	66.00000	68.24000	0.0	0.0	0.0
				5.00000	66.00000	68.24000	0.0	0.0	0.0
				6.00000	66.00000	68.24000	0.0	0.0	0.0
				7.00000	66.00000	68.24000	0.0	0.0	0.0
				8.00000	66.00000	68.24000	0.0	0.0	0.0
				9.00000	66.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
10.00000		66.00000		68.24000			0.0	0.0	0.0
11.00000		66.00000		68.24000			0.0	0.0	0.0
12.00000		66.00000		68.24000			0.0	0.0	0.0
13.00000		66.00000		68.24000			0.0	0.0	0.0
14.00000		66.00000		68.24000			0.0	0.0	0.0
15.00000		66.00000		68.24000			0.0	0.0	0.0
16.00000		66.00000		68.24000			0.0	0.0	0.0
17.00000		66.00000		68.24000			0.0	0.0	0.0
18.00000		66.00000		68.24000			0.0	0.0	0.0
19.00000		66.00000		68.24000			0.0	0.0	0.0
20.00000		66.00000		68.24000			0.0	0.0	0.0
21.00000		66.00000		68.24000			0.0	0.0	0.0
22.00000		66.00000		68.24000			0.0	0.0	0.0
23.00000		66.00000		68.24000			0.0	0.0	0.0
24.00000		66.00000		68.24000			0.0	0.0	0.0
25.00000		66.00000		68.24000			0.0	0.0	0.0
26.00000		66.00000		68.24000			0.0	0.0	0.0
27.00000		66.00000		68.24000			0.0	0.0	0.0
28.00000		66.00000		68.24000			0.0	0.0	0.0
29.00000		66.00000		68.24000			0.0	0.0	0.0
30.00000		66.00000		68.24000			0.0	0.0	0.0
31.00000		66.00000		68.24000			0.0	0.0	0.0
32.00000		66.00000		68.24000			0.0	0.0	0.0
33.00000		66.00000		68.24000			0.0	0.0	0.0
34.00000		66.00000		68.24000			0.0	0.0	0.0
35.00000		66.00000		68.24000			0.0	0.0	0.0
36.00000		66.00000		68.24000			0.0	0.0	0.0
37.00000		66.00000		68.24000			0.0	0.0	0.0
38.00000		66.00000		68.24000			0.0	0.0	0.0
39.00000		66.00000		68.24000			0.0	0.0	0.0
40.00000		66.00000		68.24000			0.0	0.0	0.0
41.00000		66.00000		68.24000			0.0	0.0	0.0
42.00000		66.00000		68.24000			0.0	0.0	0.0
43.00000		66.00000		68.24000			0.0	0.0	0.0
44.00000		66.00000		68.24000			0.0	0.0	0.0
45.00000		66.00000		68.24000			0.0	0.0	0.0
46.00000		66.00000		68.24000			0.090725	-0.44066	0.97307
47.00000		66.00000		68.24000			0.10516	-0.51078	0.99708
48.00000		66.00000		68.24000			0.11960	-0.58090	1.0074
49.00000		66.00000		68.24000			0.0	0.0	0.0
50.00000		66.00000		68.24000			0.0	0.0	0.0
51.00000		66.00000		68.24000			0.033165	-0.99496	0.96094
52.00000		66.00000		68.24000			0.033559	-1.0068	0.95981
53.00000		66.00000		68.24000			0.033953	-1.0186	0.95882
54.00000		66.00000		68.24000			-0.029908	-1.0169	0.95896
55.00000		66.00000		68.24000			-0.029601	-1.0064	0.95985
56.00000		66.00000		68.24000			-0.029294	-0.99600	0.96085
57.00000		66.00000		68.24000			-0.028987	-0.98557	0.96194
58.00000		66.00000		68.24000			0.0	0.0	0.0
59.00000		66.00000		68.24000			0.0	0.0	0.0
60.00000		66.00000		68.24000			0.0	0.0	0.0
61.00000		66.00000		68.24000			0.0	0.0	0.0
62.00000		66.00000		68.24000			0.0	0.0	0.0
63.00000		66.00000		68.24000			0.0	0.0	0.0
64.00000		66.00000		68.24000			0.0	0.0	0.0
65.00000		66.00000		68.24000			0.0	0.0	0.0
66.00000		66.00000		68.24000			0.0	0.0	0.0
67.00000		66.00000		68.24000			0.0	0.0	0.0
68.00000		66.00000		68.24000			0.0	0.0	0.0
69.00000		66.00000		68.24000			0.0	0.0	0.0
70.00000		66.00000		68.24000			0.0	0.0	0.0
71.00000		66.00000		68.24000			0.0	0.0	0.0
72.00000		66.00000		68.24000			0.0	0.0	0.0
73.00000		66.00000		68.24000			0.0	0.0	0.0
74.00000		66.00000		68.24000			0.0	0.0	0.0
75.00000		66.00000		68.24000			0.0	0.0	0.0
76.00000		66.00000		68.24000			0.0	0.0	0.0
77.00000		66.00000		68.24000			0.0	0.0	0.0
78.00000		66.00000		68.24000			0.0	0.0	0.0
79.00000		66.00000		68.24000			0.0	0.0	0.0
80.00000		66.00000		68.24000			0.0	0.0	0.0
81.00000		66.00000		68.24000			0.0	0.0	0.0
82.00000		66.00000		68.24000			0.0	0.0	0.0
83.00000		66.00000		68.24000			0.0	0.0	0.0
84.00000		66.00000		68.24000			0.0	0.0	0.0
85.00000		66.00000		68.24000			0.0	0.0	0.0
86.00000		66.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				87.00000	66.00000	68.24000	0.0	0.0	0.0
				88.00000	66.00000	68.24000	0.0	0.0	0.0
				89.00000	66.00000	68.24000	0.0	0.0	0.0
				90.00000	66.00000	68.24000	0.0	0.0	0.0
				91.00000	66.00000	68.24000	0.0	0.0	0.0
				92.00000	66.00000	68.24000	0.0	0.0	0.0
				93.00000	66.00000	68.24000	0.0	0.0	0.0
				94.00000	66.00000	68.24000	0.0	0.0	0.0
				95.00000	66.00000	68.24000	0.0	0.0	0.0
				96.00000	66.00000	68.24000	0.0	0.0	0.0
				97.00000	66.00000	68.24000	0.0	0.0	0.0
				98.00000	66.00000	68.24000	0.0	0.0	0.0
				99.00000	66.00000	68.24000	0.0	0.0	0.0
				100.00000	66.00000	68.24000	0.0	0.0	0.0
				0.00000	67.00000	68.24000	0.0	0.0	0.0
				1.00000	67.00000	68.24000	0.0	0.0	0.0
				2.00000	67.00000	68.24000	0.0	0.0	0.0
				3.00000	67.00000	68.24000	0.0	0.0	0.0
				4.00000	67.00000	68.24000	0.0	0.0	0.0
				5.00000	67.00000	68.24000	0.0	0.0	0.0
				6.00000	67.00000	68.24000	0.0	0.0	0.0
				7.00000	67.00000	68.24000	0.0	0.0	0.0
				8.00000	67.00000	68.24000	0.0	0.0	0.0
				9.00000	67.00000	68.24000	0.0	0.0	0.0
				10.00000	67.00000	68.24000	0.0	0.0	0.0
				11.00000	67.00000	68.24000	0.0	0.0	0.0
				12.00000	67.00000	68.24000	0.0	0.0	0.0
				13.00000	67.00000	68.24000	0.0	0.0	0.0
				14.00000	67.00000	68.24000	0.0	0.0	0.0
				15.00000	67.00000	68.24000	0.0	0.0	0.0
				16.00000	67.00000	68.24000	0.0	0.0	0.0
				17.00000	67.00000	68.24000	0.0	0.0	0.0
				18.00000	67.00000	68.24000	0.0	0.0	0.0
				19.00000	67.00000	68.24000	0.0	0.0	0.0
				20.00000	67.00000	68.24000	0.0	0.0	0.0
				21.00000	67.00000	68.24000	0.0	0.0	0.0
				22.00000	67.00000	68.24000	0.0	0.0	0.0
				23.00000	67.00000	68.24000	0.0	0.0	0.0
				24.00000	67.00000	68.24000	0.0	0.0	0.0
				25.00000	67.00000	68.24000	0.0	0.0	0.0
				26.00000	67.00000	68.24000	0.0	0.0	0.0
				27.00000	67.00000	68.24000	0.0	0.0	0.0
				28.00000	67.00000	68.24000	0.0	0.0	0.0
				29.00000	67.00000	68.24000	0.0	0.0	0.0
				30.00000	67.00000	68.24000	0.0	0.0	0.0
				31.00000	67.00000	68.24000	0.0	0.0	0.0
				32.00000	67.00000	68.24000	0.0	0.0	0.0
				33.00000	67.00000	68.24000	0.0	0.0	0.0
				34.00000	67.00000	68.24000	0.0	0.0	0.0
				35.00000	67.00000	68.24000	0.0	0.0	0.0
				36.00000	67.00000	68.24000	0.0	0.0	0.0
				37.00000	67.00000	68.24000	0.0	0.0	0.0
				38.00000	67.00000	68.24000	0.0	0.0	0.0
				39.00000	67.00000	68.24000	0.0	0.0	0.0
				40.00000	67.00000	68.24000	0.0	0.0	0.0
				41.00000	67.00000	68.24000	0.0	0.0	0.0
				42.00000	67.00000	68.24000	0.0	0.0	0.0
				43.00000	67.00000	68.24000	0.0	0.0	0.0
				44.00000	67.00000	68.24000	0.0	0.0	0.0
				45.00000	67.00000	68.24000	0.0061731	-0.029984	0.35001
				46.00000	67.00000	68.24000	0.020609	-0.10010	0.53542
				47.00000	67.00000	68.24000	0.035044	-0.17022	0.68231
				48.00000	67.00000	68.24000	0.049480	-0.24033	0.79550
				49.00000	67.00000	68.24000	0.0	0.0	0.0
				50.00000	67.00000	68.24000	0.0	0.0	0.0
				51.00000	67.00000	68.24000	0.021345	-0.64035	1.0084
				52.00000	67.00000	68.24000	0.021739	-0.65218	1.0081
				53.00000	67.00000	68.24000	0.022133	-0.66400	1.0076
				54.00000	67.00000	68.24000	-0.019476	-0.66217	1.0077
				55.00000	67.00000	68.24000	-0.019169	-0.65174	1.0081
				56.00000	67.00000	68.24000	-0.018862	-0.64131	1.0084
				57.00000	67.00000	68.24000	-0.018555	-0.63087	1.0086
				58.00000	67.00000	68.24000	0.0	0.0	0.0
				59.00000	67.00000	68.24000	0.0	0.0	0.0
				60.00000	67.00000	68.24000	0.0	0.0	0.0
				61.00000	67.00000	68.24000	0.0	0.0	0.0
				62.00000	67.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				63.00000	67.00000	68.24000	0.0	0.0	0.0
				64.00000	67.00000	68.24000	0.0	0.0	0.0
				65.00000	67.00000	68.24000	0.0	0.0	0.0
				66.00000	67.00000	68.24000	0.0	0.0	0.0
				67.00000	67.00000	68.24000	0.0	0.0	0.0
				68.00000	67.00000	68.24000	0.0	0.0	0.0
				69.00000	67.00000	68.24000	0.0	0.0	0.0
				70.00000	67.00000	68.24000	0.0	0.0	0.0
				71.00000	67.00000	68.24000	0.0	0.0	0.0
				72.00000	67.00000	68.24000	0.0	0.0	0.0
				73.00000	67.00000	68.24000	0.0	0.0	0.0
				74.00000	67.00000	68.24000	0.0	0.0	0.0
				75.00000	67.00000	68.24000	0.0	0.0	0.0
				76.00000	67.00000	68.24000	0.0	0.0	0.0
				77.00000	67.00000	68.24000	0.0	0.0	0.0
				78.00000	67.00000	68.24000	0.0	0.0	0.0
				79.00000	67.00000	68.24000	0.0	0.0	0.0
				80.00000	67.00000	68.24000	0.0	0.0	0.0
				81.00000	67.00000	68.24000	0.0	0.0	0.0
				82.00000	67.00000	68.24000	0.0	0.0	0.0
				83.00000	67.00000	68.24000	0.0	0.0	0.0
				84.00000	67.00000	68.24000	0.0	0.0	0.0
				85.00000	67.00000	68.24000	0.0	0.0	0.0
				86.00000	67.00000	68.24000	0.0	0.0	0.0
				87.00000	67.00000	68.24000	0.0	0.0	0.0
				88.00000	67.00000	68.24000	0.0	0.0	0.0
				89.00000	67.00000	68.24000	0.0	0.0	0.0
				90.00000	67.00000	68.24000	0.0	0.0	0.0
				91.00000	67.00000	68.24000	0.0	0.0	0.0
				92.00000	67.00000	68.24000	0.0	0.0	0.0
				93.00000	67.00000	68.24000	0.0	0.0	0.0
				94.00000	67.00000	68.24000	0.0	0.0	0.0
				95.00000	67.00000	68.24000	0.0	0.0	0.0
				96.00000	67.00000	68.24000	0.0	0.0	0.0
				97.00000	67.00000	68.24000	0.0	0.0	0.0
				98.00000	67.00000	68.24000	0.0	0.0	0.0
				99.00000	67.00000	68.24000	0.0	0.0	0.0
				100.00000	67.00000	68.24000	0.0	0.0	0.0
				0.00000	68.00000	68.24000	0.0	0.0	0.0
				1.00000	68.00000	68.24000	0.0	0.0	0.0
				2.00000	68.00000	68.24000	0.0	0.0	0.0
				3.00000	68.00000	68.24000	0.0	0.0	0.0
				4.00000	68.00000	68.24000	0.0	0.0	0.0
				5.00000	68.00000	68.24000	0.0	0.0	0.0
				6.00000	68.00000	68.24000	0.0	0.0	0.0
				7.00000	68.00000	68.24000	0.0	0.0	0.0
				8.00000	68.00000	68.24000	0.0	0.0	0.0
				9.00000	68.00000	68.24000	0.0	0.0	0.0
				10.00000	68.00000	68.24000	0.0	0.0	0.0
				11.00000	68.00000	68.24000	0.0	0.0	0.0
				12.00000	68.00000	68.24000	0.0	0.0	0.0
				13.00000	68.00000	68.24000	0.0	0.0	0.0
				14.00000	68.00000	68.24000	0.0	0.0	0.0
				15.00000	68.00000	68.24000	0.0	0.0	0.0
				16.00000	68.00000	68.24000	0.0	0.0	0.0
				17.00000	68.00000	68.24000	0.0	0.0	0.0
				18.00000	68.00000	68.24000	0.0	0.0	0.0
				19.00000	68.00000	68.24000	0.0	0.0	0.0
				20.00000	68.00000	68.24000	0.0	0.0	0.0
				21.00000	68.00000	68.24000	0.0	0.0	0.0
				22.00000	68.00000	68.24000	0.0	0.0	0.0
				23.00000	68.00000	68.24000	0.0	0.0	0.0
				24.00000	68.00000	68.24000	0.0	0.0	0.0
				25.00000	68.00000	68.24000	0.0	0.0	0.0
				26.00000	68.00000	68.24000	0.0	0.0	0.0
				27.00000	68.00000	68.24000	0.0	0.0	0.0
				28.00000	68.00000	68.24000	0.0	0.0	0.0
				29.00000	68.00000	68.24000	0.0	0.0	0.0
				30.00000	68.00000	68.24000	0.0	0.0	0.0
				31.00000	68.00000	68.24000	0.0	0.0	0.0
				32.00000	68.00000	68.24000	0.0	0.0	0.0
				33.00000	68.00000	68.24000	0.0	0.0	0.0
				34.00000	68.00000	68.24000	0.0	0.0	0.0
				35.00000	68.00000	68.24000	0.0	0.0	0.0
				36.00000	68.00000	68.24000	0.0	0.0	0.0
				37.00000	68.00000	68.24000	0.0	0.0	0.0
				38.00000	68.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
39.00000		68.00000		68.24000			0.0	0.0	0.0
40.00000		68.00000		68.24000			0.0	0.0	0.0
41.00000		68.00000		68.24000			0.0	0.0	0.0
42.00000		68.00000		68.24000			0.0	0.0	0.0
43.00000		68.00000		68.24000			0.0	0.0	0.0
44.00000		68.00000		68.24000			0.0	0.0	0.0
45.00000		68.00000		68.24000			0.0	0.0	0.0
46.00000		68.00000		68.24000			0.0	0.0	0.0
47.00000		68.00000		68.24000			0.0	0.0	0.0
48.00000		68.00000		68.24000			0.0	0.0	0.0
49.00000		68.00000		68.24000			0.0	0.0	0.0
50.00000		68.00000		68.24000			0.0	0.0	0.0
51.00000		68.00000		68.24000			0.0095250	-0.28575	0.84639
52.00000		68.00000		68.24000			0.0099190	-0.29757	0.85959
53.00000		68.00000		68.24000			0.010313	-0.30939	0.87209
54.00000		68.00000		68.24000			-0.0090435	-0.30748	0.87008
55.00000		68.00000		68.24000			-0.0087366	-0.29705	0.85899
56.00000		68.00000		68.24000			-0.0084298	-0.28661	0.84734
57.00000		68.00000		68.24000			-0.0081230	-0.27618	0.83513
58.00000		68.00000		68.24000			0.0	0.0	0.0
59.00000		68.00000		68.24000			0.0	0.0	0.0
60.00000		68.00000		68.24000			0.0	0.0	0.0
61.00000		68.00000		68.24000			0.0	0.0	0.0
62.00000		68.00000		68.24000			0.0	0.0	0.0
63.00000		68.00000		68.24000			0.0	0.0	0.0
64.00000		68.00000		68.24000			0.0	0.0	0.0
65.00000		68.00000		68.24000			0.0	0.0	0.0
66.00000		68.00000		68.24000			0.0	0.0	0.0
67.00000		68.00000		68.24000			0.0	0.0	0.0
68.00000		68.00000		68.24000			0.0	0.0	0.0
69.00000		68.00000		68.24000			0.0	0.0	0.0
70.00000		68.00000		68.24000			0.0	0.0	0.0
71.00000		68.00000		68.24000			0.0	0.0	0.0
72.00000		68.00000		68.24000			0.0	0.0	0.0
73.00000		68.00000		68.24000			0.0	0.0	0.0
74.00000		68.00000		68.24000			0.0	0.0	0.0
75.00000		68.00000		68.24000			0.0	0.0	0.0
76.00000		68.00000		68.24000			0.0	0.0	0.0
77.00000		68.00000		68.24000			0.0	0.0	0.0
78.00000		68.00000		68.24000			0.0	0.0	0.0
79.00000		68.00000		68.24000			0.0	0.0	0.0
80.00000		68.00000		68.24000			0.0	0.0	0.0
81.00000		68.00000		68.24000			0.0	0.0	0.0
82.00000		68.00000		68.24000			0.0	0.0	0.0
83.00000		68.00000		68.24000			0.0	0.0	0.0
84.00000		68.00000		68.24000			0.0	0.0	0.0
85.00000		68.00000		68.24000			0.0	0.0	0.0
86.00000		68.00000		68.24000			0.0	0.0	0.0
87.00000		68.00000		68.24000			0.0	0.0	0.0
88.00000		68.00000		68.24000			0.0	0.0	0.0
89.00000		68.00000		68.24000			0.0	0.0	0.0
90.00000		68.00000		68.24000			0.0	0.0	0.0
91.00000		68.00000		68.24000			0.0	0.0	0.0
92.00000		68.00000		68.24000			0.0	0.0	0.0
93.00000		68.00000		68.24000			0.0	0.0	0.0
94.00000		68.00000		68.24000			0.0	0.0	0.0
95.00000		68.00000		68.24000			0.0	0.0	0.0
96.00000		68.00000		68.24000			0.0	0.0	0.0
97.00000		68.00000		68.24000			0.0	0.0	0.0
98.00000		68.00000		68.24000			0.0	0.0	0.0
99.00000		68.00000		68.24000			0.0	0.0	0.0
100.00000		68.00000		68.24000			0.0	0.0	0.0
0.00000		69.00000		68.24000			0.0	0.0	0.0
1.00000		69.00000		68.24000			0.0	0.0	0.0
2.00000		69.00000		68.24000			0.0	0.0	0.0
3.00000		69.00000		68.24000			0.0	0.0	0.0
4.00000		69.00000		68.24000			0.0	0.0	0.0
5.00000		69.00000		68.24000			0.0	0.0	0.0
6.00000		69.00000		68.24000			0.0	0.0	0.0
7.00000		69.00000		68.24000			0.0	0.0	0.0
8.00000		69.00000		68.24000			0.0	0.0	0.0
9.00000		69.00000		68.24000			0.0	0.0	0.0
10.00000		69.00000		68.24000			0.0	0.0	0.0
11.00000		69.00000		68.24000			0.0	0.0	0.0
12.00000		69.00000		68.24000			0.0	0.0	0.0
13.00000		69.00000		68.24000			0.0	0.0	0.0
14.00000		69.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	69.00000	68.24000	0.0	0.0	0.0
				16.00000	69.00000	68.24000	0.0	0.0	0.0
				17.00000	69.00000	68.24000	0.0	0.0	0.0
				18.00000	69.00000	68.24000	0.0	0.0	0.0
				19.00000	69.00000	68.24000	0.0	0.0	0.0
				20.00000	69.00000	68.24000	0.0	0.0	0.0
				21.00000	69.00000	68.24000	0.0	0.0	0.0
				22.00000	69.00000	68.24000	0.0	0.0	0.0
				23.00000	69.00000	68.24000	0.0	0.0	0.0
				24.00000	69.00000	68.24000	0.0	0.0	0.0
				25.00000	69.00000	68.24000	0.0	0.0	0.0
				26.00000	69.00000	68.24000	0.0	0.0	0.0
				27.00000	69.00000	68.24000	0.0	0.0	0.0
				28.00000	69.00000	68.24000	0.0	0.0	0.0
				29.00000	69.00000	68.24000	0.0	0.0	0.0
				30.00000	69.00000	68.24000	0.0	0.0	0.0
				31.00000	69.00000	68.24000	0.0	0.0	0.0
				32.00000	69.00000	68.24000	0.0	0.0	0.0
				33.00000	69.00000	68.24000	0.0	0.0	0.0
				34.00000	69.00000	68.24000	0.0	0.0	0.0
				35.00000	69.00000	68.24000	0.0	0.0	0.0
				36.00000	69.00000	68.24000	0.0	0.0	0.0
				37.00000	69.00000	68.24000	0.0	0.0	0.0
				38.00000	69.00000	68.24000	0.0	0.0	0.0
				39.00000	69.00000	68.24000	0.0	0.0	0.0
				40.00000	69.00000	68.24000	0.0	0.0	0.0
				41.00000	69.00000	68.24000	0.0	0.0	0.0
				42.00000	69.00000	68.24000	0.0	0.0	0.0
				43.00000	69.00000	68.24000	0.0	0.0	0.0
				44.00000	69.00000	68.24000	0.0	0.0	0.0
				45.00000	69.00000	68.24000	0.0	0.0	0.0
				46.00000	69.00000	68.24000	0.0	0.0	0.0
				47.00000	69.00000	68.24000	0.0	0.0	0.0
				48.00000	69.00000	68.24000	0.0	0.0	0.0
				49.00000	69.00000	68.24000	0.0	0.0	0.0
				50.00000	69.00000	68.24000	0.0	0.0	0.0
				51.00000	69.00000	68.24000	0.0	0.0	0.0
				52.00000	69.00000	68.24000	0.0	0.0	0.0
				53.00000	69.00000	68.24000	0.0	0.0	0.0
				54.00000	69.00000	68.24000	0.0	0.0	0.0
				55.00000	69.00000	68.24000	0.0	0.0	0.0
				56.00000	69.00000	68.24000	0.0	0.0	0.0
				57.00000	69.00000	68.24000	0.0	0.0	0.0
				58.00000	69.00000	68.24000	0.0	0.0	0.0
				59.00000	69.00000	68.24000	0.0	0.0	0.0
				60.00000	69.00000	68.24000	0.0	0.0	0.0
				61.00000	69.00000	68.24000	0.0	0.0	0.0
				62.00000	69.00000	68.24000	0.0	0.0	0.0
				63.00000	69.00000	68.24000	0.0	0.0	0.0
				64.00000	69.00000	68.24000	0.0	0.0	0.0
				65.00000	69.00000	68.24000	0.0	0.0	0.0
				66.00000	69.00000	68.24000	0.0	0.0	0.0
				67.00000	69.00000	68.24000	0.0	0.0	0.0
				68.00000	69.00000	68.24000	0.0	0.0	0.0
				69.00000	69.00000	68.24000	0.0	0.0	0.0
				70.00000	69.00000	68.24000	0.0	0.0	0.0
				71.00000	69.00000	68.24000	0.0	0.0	0.0
				72.00000	69.00000	68.24000	0.0	0.0	0.0
				73.00000	69.00000	68.24000	0.0	0.0	0.0
				74.00000	69.00000	68.24000	0.0	0.0	0.0
				75.00000	69.00000	68.24000	0.0	0.0	0.0
				76.00000	69.00000	68.24000	0.0	0.0	0.0
				77.00000	69.00000	68.24000	0.0	0.0	0.0
				78.00000	69.00000	68.24000	0.0	0.0	0.0
				79.00000	69.00000	68.24000	0.0	0.0	0.0
				80.00000	69.00000	68.24000	0.0	0.0	0.0
				81.00000	69.00000	68.24000	0.0	0.0	0.0
				82.00000	69.00000	68.24000	0.0	0.0	0.0
				83.00000	69.00000	68.24000	0.0	0.0	0.0
				84.00000	69.00000	68.24000	0.0	0.0	0.0
				85.00000	69.00000	68.24000	0.0	0.0	0.0
				86.00000	69.00000	68.24000	0.0	0.0	0.0
				87.00000	69.00000	68.24000	0.0	0.0	0.0
				88.00000	69.00000	68.24000	0.0	0.0	0.0
				89.00000	69.00000	68.24000	0.0	0.0	0.0
				90.00000	69.00000	68.24000	0.0	0.0	0.0
				91.00000	69.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				92.00000	69.00000	68.24000	0.0	0.0	0.0
				93.00000	69.00000	68.24000	0.0	0.0	0.0
				94.00000	69.00000	68.24000	0.0	0.0	0.0
				95.00000	69.00000	68.24000	0.0	0.0	0.0
				96.00000	69.00000	68.24000	0.0	0.0	0.0
				97.00000	69.00000	68.24000	0.0	0.0	0.0
				98.00000	69.00000	68.24000	0.0	0.0	0.0
				99.00000	69.00000	68.24000	0.0	0.0	0.0
				100.00000	69.00000	68.24000	0.0	0.0	0.0
				0.00000	70.00000	68.24000	0.0	0.0	0.0
				1.00000	70.00000	68.24000	0.0	0.0	0.0
				2.00000	70.00000	68.24000	0.0	0.0	0.0
				3.00000	70.00000	68.24000	0.0	0.0	0.0
				4.00000	70.00000	68.24000	0.0	0.0	0.0
				5.00000	70.00000	68.24000	0.0	0.0	0.0
				6.00000	70.00000	68.24000	0.0	0.0	0.0
				7.00000	70.00000	68.24000	0.0	0.0	0.0
				8.00000	70.00000	68.24000	0.0	0.0	0.0
				9.00000	70.00000	68.24000	0.0	0.0	0.0
				10.00000	70.00000	68.24000	0.0	0.0	0.0
				11.00000	70.00000	68.24000	0.0	0.0	0.0
				12.00000	70.00000	68.24000	0.0	0.0	0.0
				13.00000	70.00000	68.24000	0.0	0.0	0.0
				14.00000	70.00000	68.24000	0.0	0.0	0.0
				15.00000	70.00000	68.24000	0.0	0.0	0.0
				16.00000	70.00000	68.24000	0.0	0.0	0.0
				17.00000	70.00000	68.24000	0.0	0.0	0.0
				18.00000	70.00000	68.24000	0.0	0.0	0.0
				19.00000	70.00000	68.24000	0.0	0.0	0.0
				20.00000	70.00000	68.24000	0.0	0.0	0.0
				21.00000	70.00000	68.24000	0.0	0.0	0.0
				22.00000	70.00000	68.24000	0.0	0.0	0.0
				23.00000	70.00000	68.24000	0.0	0.0	0.0
				24.00000	70.00000	68.24000	0.0	0.0	0.0
				25.00000	70.00000	68.24000	0.0	0.0	0.0
				26.00000	70.00000	68.24000	0.0	0.0	0.0
				27.00000	70.00000	68.24000	0.0	0.0	0.0
				28.00000	70.00000	68.24000	0.0	0.0	0.0
				29.00000	70.00000	68.24000	0.0	0.0	0.0
				30.00000	70.00000	68.24000	0.0	0.0	0.0
				31.00000	70.00000	68.24000	0.0	0.0	0.0
				32.00000	70.00000	68.24000	0.0	0.0	0.0
				33.00000	70.00000	68.24000	0.0	0.0	0.0
				34.00000	70.00000	68.24000	0.0	0.0	0.0
				35.00000	70.00000	68.24000	0.0	0.0	0.0
				36.00000	70.00000	68.24000	0.0	0.0	0.0
				37.00000	70.00000	68.24000	0.0	0.0	0.0
				38.00000	70.00000	68.24000	0.0	0.0	0.0
				39.00000	70.00000	68.24000	0.0	0.0	0.0
				40.00000	70.00000	68.24000	0.0	0.0	0.0
				41.00000	70.00000	68.24000	0.0	0.0	0.0
				42.00000	70.00000	68.24000	0.0	0.0	0.0
				43.00000	70.00000	68.24000	0.0	0.0	0.0
				44.00000	70.00000	68.24000	0.0	0.0	0.0
				45.00000	70.00000	68.24000	0.0	0.0	0.0
				46.00000	70.00000	68.24000	0.0	0.0	0.0
				47.00000	70.00000	68.24000	0.0	0.0	0.0
				48.00000	70.00000	68.24000	0.0	0.0	0.0
				49.00000	70.00000	68.24000	0.0	0.0	0.0
				50.00000	70.00000	68.24000	0.0	0.0	0.0
				51.00000	70.00000	68.24000	0.0	0.0	0.0
				52.00000	70.00000	68.24000	0.0	0.0	0.0
				53.00000	70.00000	68.24000	0.0	0.0	0.0
				54.00000	70.00000	68.24000	0.0	0.0	0.0
				55.00000	70.00000	68.24000	0.0	0.0	0.0
				56.00000	70.00000	68.24000	0.0	0.0	0.0
				57.00000	70.00000	68.24000	0.0	0.0	0.0
				58.00000	70.00000	68.24000	0.0	0.0	0.0
				59.00000	70.00000	68.24000	0.0	0.0	0.0
				60.00000	70.00000	68.24000	0.0	0.0	0.0
				61.00000	70.00000	68.24000	0.0	0.0	0.0
				62.00000	70.00000	68.24000	0.0	0.0	0.0
				63.00000	70.00000	68.24000	0.0	0.0	0.0
				64.00000	70.00000	68.24000	0.0	0.0	0.0
				65.00000	70.00000	68.24000	0.0	0.0	0.0
				66.00000	70.00000	68.24000	0.0	0.0	0.0
				67.00000	70.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				68.00000	70.00000	68.24000	0.0	0.0	0.0
				69.00000	70.00000	68.24000	0.0	0.0	0.0
				70.00000	70.00000	68.24000	0.0	0.0	0.0
				71.00000	70.00000	68.24000	0.0	0.0	0.0
				72.00000	70.00000	68.24000	0.0	0.0	0.0
				73.00000	70.00000	68.24000	0.0	0.0	0.0
				74.00000	70.00000	68.24000	0.0	0.0	0.0
				75.00000	70.00000	68.24000	0.0	0.0	0.0
				76.00000	70.00000	68.24000	0.0	0.0	0.0
				77.00000	70.00000	68.24000	0.0	0.0	0.0
				78.00000	70.00000	68.24000	0.0	0.0	0.0
				79.00000	70.00000	68.24000	0.0	0.0	0.0
				80.00000	70.00000	68.24000	0.0	0.0	0.0
				81.00000	70.00000	68.24000	0.0	0.0	0.0
				82.00000	70.00000	68.24000	0.0	0.0	0.0
				83.00000	70.00000	68.24000	0.0	0.0	0.0
				84.00000	70.00000	68.24000	0.0	0.0	0.0
				85.00000	70.00000	68.24000	0.0	0.0	0.0
				86.00000	70.00000	68.24000	0.0	0.0	0.0
				87.00000	70.00000	68.24000	0.0	0.0	0.0
				88.00000	70.00000	68.24000	0.0	0.0	0.0
				89.00000	70.00000	68.24000	0.0	0.0	0.0
				90.00000	70.00000	68.24000	0.0	0.0	0.0
				91.00000	70.00000	68.24000	0.0	0.0	0.0
				92.00000	70.00000	68.24000	0.0	0.0	0.0
				93.00000	70.00000	68.24000	0.0	0.0	0.0
				94.00000	70.00000	68.24000	0.0	0.0	0.0
				95.00000	70.00000	68.24000	0.0	0.0	0.0
				96.00000	70.00000	68.24000	0.0	0.0	0.0
				97.00000	70.00000	68.24000	0.0	0.0	0.0
				98.00000	70.00000	68.24000	0.0	0.0	0.0
				99.00000	70.00000	68.24000	0.0	0.0	0.0
				100.00000	70.00000	68.24000	0.0	0.0	0.0
				0.00000	71.00000	68.24000	0.0	0.0	0.0
				1.00000	71.00000	68.24000	0.0	0.0	0.0
				2.00000	71.00000	68.24000	0.0	0.0	0.0
				3.00000	71.00000	68.24000	0.0	0.0	0.0
				4.00000	71.00000	68.24000	0.0	0.0	0.0
				5.00000	71.00000	68.24000	0.0	0.0	0.0
				6.00000	71.00000	68.24000	0.0	0.0	0.0
				7.00000	71.00000	68.24000	0.0	0.0	0.0
				8.00000	71.00000	68.24000	0.0	0.0	0.0
				9.00000	71.00000	68.24000	0.0	0.0	0.0
				10.00000	71.00000	68.24000	0.0	0.0	0.0
				11.00000	71.00000	68.24000	0.0	0.0	0.0
				12.00000	71.00000	68.24000	0.0	0.0	0.0
				13.00000	71.00000	68.24000	0.0	0.0	0.0
				14.00000	71.00000	68.24000	0.0	0.0	0.0
				15.00000	71.00000	68.24000	0.0	0.0	0.0
				16.00000	71.00000	68.24000	0.0	0.0	0.0
				17.00000	71.00000	68.24000	0.0	0.0	0.0
				18.00000	71.00000	68.24000	0.0	0.0	0.0
				19.00000	71.00000	68.24000	0.0	0.0	0.0
				20.00000	71.00000	68.24000	0.0	0.0	0.0
				21.00000	71.00000	68.24000	0.0	0.0	0.0
				22.00000	71.00000	68.24000	0.0	0.0	0.0
				23.00000	71.00000	68.24000	0.0	0.0	0.0
				24.00000	71.00000	68.24000	0.0	0.0	0.0
				25.00000	71.00000	68.24000	0.0	0.0	0.0
				26.00000	71.00000	68.24000	0.0	0.0	0.0
				27.00000	71.00000	68.24000	0.0	0.0	0.0
				28.00000	71.00000	68.24000	0.0	0.0	0.0
				29.00000	71.00000	68.24000	0.0	0.0	0.0
				30.00000	71.00000	68.24000	0.0	0.0	0.0
				31.00000	71.00000	68.24000	0.0	0.0	0.0
				32.00000	71.00000	68.24000	0.0	0.0	0.0
				33.00000	71.00000	68.24000	0.0	0.0	0.0
				34.00000	71.00000	68.24000	0.0	0.0	0.0
				35.00000	71.00000	68.24000	0.0	0.0	0.0
				36.00000	71.00000	68.24000	0.0	0.0	0.0
				37.00000	71.00000	68.24000	0.0	0.0	0.0
				38.00000	71.00000	68.24000	0.0	0.0	0.0
				39.00000	71.00000	68.24000	0.0	0.0	0.0
				40.00000	71.00000	68.24000	0.0	0.0	0.0
				41.00000	71.00000	68.24000	0.0	0.0	0.0
				42.00000	71.00000	68.24000	0.0	0.0	0.0
				43.00000	71.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				44.00000	71.00000	68.24000	0.0	0.0	0.0
				45.00000	71.00000	68.24000	0.0	0.0	0.0
				46.00000	71.00000	68.24000	0.0	0.0	0.0
				47.00000	71.00000	68.24000	0.0	0.0	0.0
				48.00000	71.00000	68.24000	0.0	0.0	0.0
				49.00000	71.00000	68.24000	0.0	0.0	0.0
				50.00000	71.00000	68.24000	0.0	0.0	0.0
				51.00000	71.00000	68.24000	0.0	0.0	0.0
				52.00000	71.00000	68.24000	0.0	0.0	0.0
				53.00000	71.00000	68.24000	0.0	0.0	0.0
				54.00000	71.00000	68.24000	0.0	0.0	0.0
				55.00000	71.00000	68.24000	0.0	0.0	0.0
				56.00000	71.00000	68.24000	0.0	0.0	0.0
				57.00000	71.00000	68.24000	0.0	0.0	0.0
				58.00000	71.00000	68.24000	0.0	0.0	0.0
				59.00000	71.00000	68.24000	0.0	0.0	0.0
				60.00000	71.00000	68.24000	0.0	0.0	0.0
				61.00000	71.00000	68.24000	0.0	0.0	0.0
				62.00000	71.00000	68.24000	0.0	0.0	0.0
				63.00000	71.00000	68.24000	0.0	0.0	0.0
				64.00000	71.00000	68.24000	0.0	0.0	0.0
				65.00000	71.00000	68.24000	0.0	0.0	0.0
				66.00000	71.00000	68.24000	0.0	0.0	0.0
				67.00000	71.00000	68.24000	0.0	0.0	0.0
				68.00000	71.00000	68.24000	0.0	0.0	0.0
				69.00000	71.00000	68.24000	0.0	0.0	0.0
				70.00000	71.00000	68.24000	0.0	0.0	0.0
				71.00000	71.00000	68.24000	0.0	0.0	0.0
				72.00000	71.00000	68.24000	0.0	0.0	0.0
				73.00000	71.00000	68.24000	0.0	0.0	0.0
				74.00000	71.00000	68.24000	0.0	0.0	0.0
				75.00000	71.00000	68.24000	0.0	0.0	0.0
				76.00000	71.00000	68.24000	0.0	0.0	0.0
				77.00000	71.00000	68.24000	0.0	0.0	0.0
				78.00000	71.00000	68.24000	0.0	0.0	0.0
				79.00000	71.00000	68.24000	0.0	0.0	0.0
				80.00000	71.00000	68.24000	0.0	0.0	0.0
				81.00000	71.00000	68.24000	0.0	0.0	0.0
				82.00000	71.00000	68.24000	0.0	0.0	0.0
				83.00000	71.00000	68.24000	0.0	0.0	0.0
				84.00000	71.00000	68.24000	0.0	0.0	0.0
				85.00000	71.00000	68.24000	0.0	0.0	0.0
				86.00000	71.00000	68.24000	0.0	0.0	0.0
				87.00000	71.00000	68.24000	0.0	0.0	0.0
				88.00000	71.00000	68.24000	0.0	0.0	0.0
				89.00000	71.00000	68.24000	0.0	0.0	0.0
				90.00000	71.00000	68.24000	0.0	0.0	0.0
				91.00000	71.00000	68.24000	0.0	0.0	0.0
				92.00000	71.00000	68.24000	0.0	0.0	0.0
				93.00000	71.00000	68.24000	0.0	0.0	0.0
				94.00000	71.00000	68.24000	0.0	0.0	0.0
				95.00000	71.00000	68.24000	0.0	0.0	0.0
				96.00000	71.00000	68.24000	0.0	0.0	0.0
				97.00000	71.00000	68.24000	0.0	0.0	0.0
				98.00000	71.00000	68.24000	0.0	0.0	0.0
				99.00000	71.00000	68.24000	0.0	0.0	0.0
				100.00000	71.00000	68.24000	0.0	0.0	0.0
				0.00000	72.00000	68.24000	0.0	0.0	0.0
				1.00000	72.00000	68.24000	0.0	0.0	0.0
				2.00000	72.00000	68.24000	0.0	0.0	0.0
				3.00000	72.00000	68.24000	0.0	0.0	0.0
				4.00000	72.00000	68.24000	0.0	0.0	0.0
				5.00000	72.00000	68.24000	0.0	0.0	0.0
				6.00000	72.00000	68.24000	0.0	0.0	0.0
				7.00000	72.00000	68.24000	0.0	0.0	0.0
				8.00000	72.00000	68.24000	0.0	0.0	0.0
				9.00000	72.00000	68.24000	0.0	0.0	0.0
				10.00000	72.00000	68.24000	0.0	0.0	0.0
				11.00000	72.00000	68.24000	0.0	0.0	0.0
				12.00000	72.00000	68.24000	0.0	0.0	0.0
				13.00000	72.00000	68.24000	0.0	0.0	0.0
				14.00000	72.00000	68.24000	0.0	0.0	0.0
				15.00000	72.00000	68.24000	0.0	0.0	0.0
				16.00000	72.00000	68.24000	0.0	0.0	0.0
				17.00000	72.00000	68.24000	0.0	0.0	0.0
				18.00000	72.00000	68.24000	0.0	0.0	0.0
				19.00000	72.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
20.00000		72.00000		68.24000			0.0	0.0	0.0
21.00000		72.00000		68.24000			0.0	0.0	0.0
22.00000		72.00000		68.24000			0.0	0.0	0.0
23.00000		72.00000		68.24000			0.0	0.0	0.0
24.00000		72.00000		68.24000			0.0	0.0	0.0
25.00000		72.00000		68.24000			0.0	0.0	0.0
26.00000		72.00000		68.24000			0.0	0.0	0.0
27.00000		72.00000		68.24000			0.0	0.0	0.0
28.00000		72.00000		68.24000			0.0	0.0	0.0
29.00000		72.00000		68.24000			0.0	0.0	0.0
30.00000		72.00000		68.24000			0.0	0.0	0.0
31.00000		72.00000		68.24000			0.0	0.0	0.0
32.00000		72.00000		68.24000			0.0	0.0	0.0
33.00000		72.00000		68.24000			0.0	0.0	0.0
34.00000		72.00000		68.24000			0.0	0.0	0.0
35.00000		72.00000		68.24000			0.0	0.0	0.0
36.00000		72.00000		68.24000			0.0	0.0	0.0
37.00000		72.00000		68.24000			0.0	0.0	0.0
38.00000		72.00000		68.24000			0.0	0.0	0.0
39.00000		72.00000		68.24000			0.0	0.0	0.0
40.00000		72.00000		68.24000			0.0	0.0	0.0
41.00000		72.00000		68.24000			0.0	0.0	0.0
42.00000		72.00000		68.24000			0.0	0.0	0.0
43.00000		72.00000		68.24000			0.0	0.0	0.0
44.00000		72.00000		68.24000			0.0	0.0	0.0
45.00000		72.00000		68.24000			0.0	0.0	0.0
46.00000		72.00000		68.24000			0.0	0.0	0.0
47.00000		72.00000		68.24000			0.0	0.0	0.0
48.00000		72.00000		68.24000			0.0	0.0	0.0
49.00000		72.00000		68.24000			0.0	0.0	0.0
50.00000		72.00000		68.24000			0.0	0.0	0.0
51.00000		72.00000		68.24000			0.0	0.0	0.0
52.00000		72.00000		68.24000			0.0	0.0	0.0
53.00000		72.00000		68.24000			0.0	0.0	0.0
54.00000		72.00000		68.24000			0.0	0.0	0.0
55.00000		72.00000		68.24000			0.0	0.0	0.0
56.00000		72.00000		68.24000			0.0	0.0	0.0
57.00000		72.00000		68.24000			0.0	0.0	0.0
58.00000		72.00000		68.24000			0.0	0.0	0.0
59.00000		72.00000		68.24000			0.0	0.0	0.0
60.00000		72.00000		68.24000			0.0	0.0	0.0
61.00000		72.00000		68.24000			0.0	0.0	0.0
62.00000		72.00000		68.24000			0.0	0.0	0.0
63.00000		72.00000		68.24000			0.0	0.0	0.0
64.00000		72.00000		68.24000			0.0	0.0	0.0
65.00000		72.00000		68.24000			0.0	0.0	0.0
66.00000		72.00000		68.24000			0.0	0.0	0.0
67.00000		72.00000		68.24000			0.0	0.0	0.0
68.00000		72.00000		68.24000			0.0	0.0	0.0
69.00000		72.00000		68.24000			0.0	0.0	0.0
70.00000		72.00000		68.24000			0.0	0.0	0.0
71.00000		72.00000		68.24000			0.0	0.0	0.0
72.00000		72.00000		68.24000			0.0	0.0	0.0
73.00000		72.00000		68.24000			0.0	0.0	0.0
74.00000		72.00000		68.24000			0.0	0.0	0.0
75.00000		72.00000		68.24000			0.0	0.0	0.0
76.00000		72.00000		68.24000			0.0	0.0	0.0
77.00000		72.00000		68.24000			0.0	0.0	0.0
78.00000		72.00000		68.24000			0.0	0.0	0.0
79.00000		72.00000		68.24000			0.0	0.0	0.0
80.00000		72.00000		68.24000			0.0	0.0	0.0
81.00000		72.00000		68.24000			0.0	0.0	0.0
82.00000		72.00000		68.24000			0.0	0.0	0.0
83.00000		72.00000		68.24000			0.0	0.0	0.0
84.00000		72.00000		68.24000			0.0	0.0	0.0
85.00000		72.00000		68.24000			0.0	0.0	0.0
86.00000		72.00000		68.24000			0.0	0.0	0.0
87.00000		72.00000		68.24000			0.0	0.0	0.0
88.00000		72.00000		68.24000			0.0	0.0	0.0
89.00000		72.00000		68.24000			0.0	0.0	0.0
90.00000		72.00000		68.24000			0.0	0.0	0.0
91.00000		72.00000		68.24000			0.0	0.0	0.0
92.00000		72.00000		68.24000			0.0	0.0	0.0
93.00000		72.00000		68.24000			0.0	0.0	0.0
94.00000		72.00000		68.24000			0.0	0.0	0.0
95.00000		72.00000		68.24000			0.0	0.0	0.0
96.00000		72.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				97.00000	72.00000	68.24000	0.0	0.0	0.0
				98.00000	72.00000	68.24000	0.0	0.0	0.0
				99.00000	72.00000	68.24000	0.0	0.0	0.0
				100.00000	72.00000	68.24000	0.0	0.0	0.0
				0.00000	73.00000	68.24000	0.0	0.0	0.0
				1.00000	73.00000	68.24000	0.0	0.0	0.0
				2.00000	73.00000	68.24000	0.0	0.0	0.0
				3.00000	73.00000	68.24000	0.0	0.0	0.0
				4.00000	73.00000	68.24000	0.0	0.0	0.0
				5.00000	73.00000	68.24000	0.0	0.0	0.0
				6.00000	73.00000	68.24000	0.0	0.0	0.0
				7.00000	73.00000	68.24000	0.0	0.0	0.0
				8.00000	73.00000	68.24000	0.0	0.0	0.0
				9.00000	73.00000	68.24000	0.0	0.0	0.0
				10.00000	73.00000	68.24000	0.0	0.0	0.0
				11.00000	73.00000	68.24000	0.0	0.0	0.0
				12.00000	73.00000	68.24000	0.0	0.0	0.0
				13.00000	73.00000	68.24000	0.0	0.0	0.0
				14.00000	73.00000	68.24000	0.0	0.0	0.0
				15.00000	73.00000	68.24000	0.0	0.0	0.0
				16.00000	73.00000	68.24000	0.0	0.0	0.0
				17.00000	73.00000	68.24000	0.0	0.0	0.0
				18.00000	73.00000	68.24000	0.0	0.0	0.0
				19.00000	73.00000	68.24000	0.0	0.0	0.0
				20.00000	73.00000	68.24000	0.0	0.0	0.0
				21.00000	73.00000	68.24000	0.0	0.0	0.0
				22.00000	73.00000	68.24000	0.0	0.0	0.0
				23.00000	73.00000	68.24000	0.0	0.0	0.0
				24.00000	73.00000	68.24000	0.0	0.0	0.0
				25.00000	73.00000	68.24000	0.0	0.0	0.0
				26.00000	73.00000	68.24000	0.0	0.0	0.0
				27.00000	73.00000	68.24000	0.0	0.0	0.0
				28.00000	73.00000	68.24000	0.0	0.0	0.0
				29.00000	73.00000	68.24000	0.0	0.0	0.0
				30.00000	73.00000	68.24000	0.0	0.0	0.0
				31.00000	73.00000	68.24000	0.0	0.0	0.0
				32.00000	73.00000	68.24000	0.0	0.0	0.0
				33.00000	73.00000	68.24000	0.0	0.0	0.0
				34.00000	73.00000	68.24000	0.0	0.0	0.0
				35.00000	73.00000	68.24000	0.0	0.0	0.0
				36.00000	73.00000	68.24000	0.0	0.0	0.0
				37.00000	73.00000	68.24000	0.0	0.0	0.0
				38.00000	73.00000	68.24000	0.0	0.0	0.0
				39.00000	73.00000	68.24000	0.0	0.0	0.0
				40.00000	73.00000	68.24000	0.0	0.0	0.0
				41.00000	73.00000	68.24000	0.0	0.0	0.0
				42.00000	73.00000	68.24000	0.0	0.0	0.0
				43.00000	73.00000	68.24000	0.0	0.0	0.0
				44.00000	73.00000	68.24000	0.0	0.0	0.0
				45.00000	73.00000	68.24000	0.0	0.0	0.0
				46.00000	73.00000	68.24000	0.0	0.0	0.0
				47.00000	73.00000	68.24000	0.0	0.0	0.0
				48.00000	73.00000	68.24000	0.0	0.0	0.0
				49.00000	73.00000	68.24000	0.0	0.0	0.0
				50.00000	73.00000	68.24000	0.0	0.0	0.0
				51.00000	73.00000	68.24000	0.0	0.0	0.0
				52.00000	73.00000	68.24000	0.0	0.0	0.0
				53.00000	73.00000	68.24000	0.0	0.0	0.0
				54.00000	73.00000	68.24000	0.0	0.0	0.0
				55.00000	73.00000	68.24000	0.0	0.0	0.0
				56.00000	73.00000	68.24000	0.0	0.0	0.0
				57.00000	73.00000	68.24000	0.0	0.0	0.0
				58.00000	73.00000	68.24000	0.0	0.0	0.0
				59.00000	73.00000	68.24000	0.0	0.0	0.0
				60.00000	73.00000	68.24000	0.0	0.0	0.0
				61.00000	73.00000	68.24000	0.0	0.0	0.0
				62.00000	73.00000	68.24000	0.0	0.0	0.0
				63.00000	73.00000	68.24000	0.0	0.0	0.0
				64.00000	73.00000	68.24000	0.0	0.0	0.0
				65.00000	73.00000	68.24000	0.0	0.0	0.0
				66.00000	73.00000	68.24000	0.0	0.0	0.0
				67.00000	73.00000	68.24000	0.0	0.0	0.0
				68.00000	73.00000	68.24000	0.0	0.0	0.0
				69.00000	73.00000	68.24000	0.0	0.0	0.0
				70.00000	73.00000	68.24000	0.0	0.0	0.0
				71.00000	73.00000	68.24000	0.0	0.0	0.0
				72.00000	73.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				73.00000	73.00000	68.24000	0.0	0.0	0.0
				74.00000	73.00000	68.24000	0.0	0.0	0.0
				75.00000	73.00000	68.24000	0.0	0.0	0.0
				76.00000	73.00000	68.24000	0.0	0.0	0.0
				77.00000	73.00000	68.24000	0.0	0.0	0.0
				78.00000	73.00000	68.24000	0.0	0.0	0.0
				79.00000	73.00000	68.24000	0.0	0.0	0.0
				80.00000	73.00000	68.24000	0.0	0.0	0.0
				81.00000	73.00000	68.24000	0.0	0.0	0.0
				82.00000	73.00000	68.24000	0.0	0.0	0.0
				83.00000	73.00000	68.24000	0.0	0.0	0.0
				84.00000	73.00000	68.24000	0.0	0.0	0.0
				85.00000	73.00000	68.24000	0.0	0.0	0.0
				86.00000	73.00000	68.24000	0.0	0.0	0.0
				87.00000	73.00000	68.24000	0.0	0.0	0.0
				88.00000	73.00000	68.24000	0.0	0.0	0.0
				89.00000	73.00000	68.24000	0.0	0.0	0.0
				90.00000	73.00000	68.24000	0.0	0.0	0.0
				91.00000	73.00000	68.24000	0.0	0.0	0.0
				92.00000	73.00000	68.24000	0.0	0.0	0.0
				93.00000	73.00000	68.24000	0.0	0.0	0.0
				94.00000	73.00000	68.24000	0.0	0.0	0.0
				95.00000	73.00000	68.24000	0.0	0.0	0.0
				96.00000	73.00000	68.24000	0.0	0.0	0.0
				97.00000	73.00000	68.24000	0.0	0.0	0.0
				98.00000	73.00000	68.24000	0.0	0.0	0.0
				99.00000	73.00000	68.24000	0.0	0.0	0.0
				100.00000	73.00000	68.24000	0.0	0.0	0.0
				0.00000	74.00000	68.24000	0.0	0.0	0.0
				1.00000	74.00000	68.24000	0.0	0.0	0.0
				2.00000	74.00000	68.24000	0.0	0.0	0.0
				3.00000	74.00000	68.24000	0.0	0.0	0.0
				4.00000	74.00000	68.24000	0.0	0.0	0.0
				5.00000	74.00000	68.24000	0.0	0.0	0.0
				6.00000	74.00000	68.24000	0.0	0.0	0.0
				7.00000	74.00000	68.24000	0.0	0.0	0.0
				8.00000	74.00000	68.24000	0.0	0.0	0.0
				9.00000	74.00000	68.24000	0.0	0.0	0.0
				10.00000	74.00000	68.24000	0.0	0.0	0.0
				11.00000	74.00000	68.24000	0.0	0.0	0.0
				12.00000	74.00000	68.24000	0.0	0.0	0.0
				13.00000	74.00000	68.24000	0.0	0.0	0.0
				14.00000	74.00000	68.24000	0.0	0.0	0.0
				15.00000	74.00000	68.24000	0.0	0.0	0.0
				16.00000	74.00000	68.24000	0.0	0.0	0.0
				17.00000	74.00000	68.24000	0.0	0.0	0.0
				18.00000	74.00000	68.24000	0.0	0.0	0.0
				19.00000	74.00000	68.24000	0.0	0.0	0.0
				20.00000	74.00000	68.24000	0.0	0.0	0.0
				21.00000	74.00000	68.24000	0.0	0.0	0.0
				22.00000	74.00000	68.24000	0.0	0.0	0.0
				23.00000	74.00000	68.24000	0.0	0.0	0.0
				24.00000	74.00000	68.24000	0.0	0.0	0.0
				25.00000	74.00000	68.24000	0.0	0.0	0.0
				26.00000	74.00000	68.24000	0.0	0.0	0.0
				27.00000	74.00000	68.24000	0.0	0.0	0.0
				28.00000	74.00000	68.24000	0.0	0.0	0.0
				29.00000	74.00000	68.24000	0.0	0.0	0.0
				30.00000	74.00000	68.24000	0.0	0.0	0.0
				31.00000	74.00000	68.24000	0.0	0.0	0.0
				32.00000	74.00000	68.24000	0.0	0.0	0.0
				33.00000	74.00000	68.24000	0.0	0.0	0.0
				34.00000	74.00000	68.24000	0.0	0.0	0.0
				35.00000	74.00000	68.24000	0.0	0.0	0.0
				36.00000	74.00000	68.24000	0.0	0.0	0.0
				37.00000	74.00000	68.24000	0.0	0.0	0.0
				38.00000	74.00000	68.24000	0.0	0.0	0.0
				39.00000	74.00000	68.24000	0.0	0.0	0.0
				40.00000	74.00000	68.24000	0.0	0.0	0.0
				41.00000	74.00000	68.24000	0.0	0.0	0.0
				42.00000	74.00000	68.24000	0.0	0.0	0.0
				43.00000	74.00000	68.24000	0.0	0.0	0.0
				44.00000	74.00000	68.24000	0.0	0.0	0.0
				45.00000	74.00000	68.24000	0.0	0.0	0.0
				46.00000	74.00000	68.24000	0.0	0.0	0.0
				47.00000	74.00000	68.24000	0.0	0.0	0.0
				48.00000	74.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				49.00000	74.00000	68.24000	0.0	0.0	0.0
				50.00000	74.00000	68.24000	0.0	0.0	0.0
				51.00000	74.00000	68.24000	0.0	0.0	0.0
				52.00000	74.00000	68.24000	0.0	0.0	0.0
				53.00000	74.00000	68.24000	0.0	0.0	0.0
				54.00000	74.00000	68.24000	0.0	0.0	0.0
				55.00000	74.00000	68.24000	0.0	0.0	0.0
				56.00000	74.00000	68.24000	0.0	0.0	0.0
				57.00000	74.00000	68.24000	0.0	0.0	0.0
				58.00000	74.00000	68.24000	0.0	0.0	0.0
				59.00000	74.00000	68.24000	0.0	0.0	0.0
				60.00000	74.00000	68.24000	0.0	0.0	0.0
				61.00000	74.00000	68.24000	0.0	0.0	0.0
				62.00000	74.00000	68.24000	0.0	0.0	0.0
				63.00000	74.00000	68.24000	0.0	0.0	0.0
				64.00000	74.00000	68.24000	0.0	0.0	0.0
				65.00000	74.00000	68.24000	0.0	0.0	0.0
				66.00000	74.00000	68.24000	0.0	0.0	0.0
				67.00000	74.00000	68.24000	0.0	0.0	0.0
				68.00000	74.00000	68.24000	0.0	0.0	0.0
				69.00000	74.00000	68.24000	0.0	0.0	0.0
				70.00000	74.00000	68.24000	0.0	0.0	0.0
				71.00000	74.00000	68.24000	0.0	0.0	0.0
				72.00000	74.00000	68.24000	0.0	0.0	0.0
				73.00000	74.00000	68.24000	0.0	0.0	0.0
				74.00000	74.00000	68.24000	0.0	0.0	0.0
				75.00000	74.00000	68.24000	0.0	0.0	0.0
				76.00000	74.00000	68.24000	0.0	0.0	0.0
				77.00000	74.00000	68.24000	0.0	0.0	0.0
				78.00000	74.00000	68.24000	0.0	0.0	0.0
				79.00000	74.00000	68.24000	0.0	0.0	0.0
				80.00000	74.00000	68.24000	0.0	0.0	0.0
				81.00000	74.00000	68.24000	0.0	0.0	0.0
				82.00000	74.00000	68.24000	0.0	0.0	0.0
				83.00000	74.00000	68.24000	0.0	0.0	0.0
				84.00000	74.00000	68.24000	0.0	0.0	0.0
				85.00000	74.00000	68.24000	0.0	0.0	0.0
				86.00000	74.00000	68.24000	0.0	0.0	0.0
				87.00000	74.00000	68.24000	0.0	0.0	0.0
				88.00000	74.00000	68.24000	0.0	0.0	0.0
				89.00000	74.00000	68.24000	0.0	0.0	0.0
				90.00000	74.00000	68.24000	0.0	0.0	0.0
				91.00000	74.00000	68.24000	0.0	0.0	0.0
				92.00000	74.00000	68.24000	0.0	0.0	0.0
				93.00000	74.00000	68.24000	0.0	0.0	0.0
				94.00000	74.00000	68.24000	0.0	0.0	0.0
				95.00000	74.00000	68.24000	0.0	0.0	0.0
				96.00000	74.00000	68.24000	0.0	0.0	0.0
				97.00000	74.00000	68.24000	0.0	0.0	0.0
				98.00000	74.00000	68.24000	0.0	0.0	0.0
				99.00000	74.00000	68.24000	0.0	0.0	0.0
				100.00000	74.00000	68.24000	0.0	0.0	0.0
				0.00000	75.00000	68.24000	0.0	0.0	0.0
				1.00000	75.00000	68.24000	0.0	0.0	0.0
				2.00000	75.00000	68.24000	0.0	0.0	0.0
				3.00000	75.00000	68.24000	0.0	0.0	0.0
				4.00000	75.00000	68.24000	0.0	0.0	0.0
				5.00000	75.00000	68.24000	0.0	0.0	0.0
				6.00000	75.00000	68.24000	0.0	0.0	0.0
				7.00000	75.00000	68.24000	0.0	0.0	0.0
				8.00000	75.00000	68.24000	0.0	0.0	0.0
				9.00000	75.00000	68.24000	0.0	0.0	0.0
				10.00000	75.00000	68.24000	0.0	0.0	0.0
				11.00000	75.00000	68.24000	0.0	0.0	0.0
				12.00000	75.00000	68.24000	0.0	0.0	0.0
				13.00000	75.00000	68.24000	0.0	0.0	0.0
				14.00000	75.00000	68.24000	0.0	0.0	0.0
				15.00000	75.00000	68.24000	0.0	0.0	0.0
				16.00000	75.00000	68.24000	0.0	0.0	0.0
				17.00000	75.00000	68.24000	0.0	0.0	0.0
				18.00000	75.00000	68.24000	0.0	0.0	0.0
				19.00000	75.00000	68.24000	0.0	0.0	0.0
				20.00000	75.00000	68.24000	0.0	0.0	0.0
				21.00000	75.00000	68.24000	0.0	0.0	0.0
				22.00000	75.00000	68.24000	0.0	0.0	0.0
				23.00000	75.00000	68.24000	0.0	0.0	0.0
				24.00000	75.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				25.00000	75.00000	68.24000	0.0	0.0	0.0
				26.00000	75.00000	68.24000	0.0	0.0	0.0
				27.00000	75.00000	68.24000	0.0	0.0	0.0
				28.00000	75.00000	68.24000	0.0	0.0	0.0
				29.00000	75.00000	68.24000	0.0	0.0	0.0
				30.00000	75.00000	68.24000	0.0	0.0	0.0
				31.00000	75.00000	68.24000	0.0	0.0	0.0
				32.00000	75.00000	68.24000	0.0	0.0	0.0
				33.00000	75.00000	68.24000	0.0	0.0	0.0
				34.00000	75.00000	68.24000	0.0	0.0	0.0
				35.00000	75.00000	68.24000	0.0	0.0	0.0
				36.00000	75.00000	68.24000	0.0	0.0	0.0
				37.00000	75.00000	68.24000	0.0	0.0	0.0
				38.00000	75.00000	68.24000	0.0	0.0	0.0
				39.00000	75.00000	68.24000	0.0	0.0	0.0
				40.00000	75.00000	68.24000	0.0	0.0	0.0
				41.00000	75.00000	68.24000	0.0	0.0	0.0
				42.00000	75.00000	68.24000	0.0	0.0	0.0
				43.00000	75.00000	68.24000	0.0	0.0	0.0
				44.00000	75.00000	68.24000	0.0	0.0	0.0
				45.00000	75.00000	68.24000	0.0	0.0	0.0
				46.00000	75.00000	68.24000	0.0	0.0	0.0
				47.00000	75.00000	68.24000	0.0	0.0	0.0
				48.00000	75.00000	68.24000	0.0	0.0	0.0
				49.00000	75.00000	68.24000	0.0	0.0	0.0
				50.00000	75.00000	68.24000	0.0	0.0	0.0
				51.00000	75.00000	68.24000	0.0	0.0	0.0
				52.00000	75.00000	68.24000	0.0	0.0	0.0
				53.00000	75.00000	68.24000	0.0	0.0	0.0
				54.00000	75.00000	68.24000	0.0	0.0	0.0
				55.00000	75.00000	68.24000	0.0	0.0	0.0
				56.00000	75.00000	68.24000	0.0	0.0	0.0
				57.00000	75.00000	68.24000	0.0	0.0	0.0
				58.00000	75.00000	68.24000	0.0	0.0	0.0
				59.00000	75.00000	68.24000	0.0	0.0	0.0
				60.00000	75.00000	68.24000	0.0	0.0	0.0
				61.00000	75.00000	68.24000	0.0	0.0	0.0
				62.00000	75.00000	68.24000	0.0	0.0	0.0
				63.00000	75.00000	68.24000	0.0	0.0	0.0
				64.00000	75.00000	68.24000	0.0	0.0	0.0
				65.00000	75.00000	68.24000	0.0	0.0	0.0
				66.00000	75.00000	68.24000	0.0	0.0	0.0
				67.00000	75.00000	68.24000	0.0	0.0	0.0
				68.00000	75.00000	68.24000	0.0	0.0	0.0
				69.00000	75.00000	68.24000	0.0	0.0	0.0
				70.00000	75.00000	68.24000	0.0	0.0	0.0
				71.00000	75.00000	68.24000	0.0	0.0	0.0
				72.00000	75.00000	68.24000	0.0	0.0	0.0
				73.00000	75.00000	68.24000	0.0	0.0	0.0
				74.00000	75.00000	68.24000	0.0	0.0	0.0
				75.00000	75.00000	68.24000	0.0	0.0	0.0
				76.00000	75.00000	68.24000	0.0	0.0	0.0
				77.00000	75.00000	68.24000	0.0	0.0	0.0
				78.00000	75.00000	68.24000	0.0	0.0	0.0
				79.00000	75.00000	68.24000	0.0	0.0	0.0
				80.00000	75.00000	68.24000	0.0	0.0	0.0
				81.00000	75.00000	68.24000	0.0	0.0	0.0
				82.00000	75.00000	68.24000	0.0	0.0	0.0
				83.00000	75.00000	68.24000	0.0	0.0	0.0
				84.00000	75.00000	68.24000	0.0	0.0	0.0
				85.00000	75.00000	68.24000	0.0	0.0	0.0
				86.00000	75.00000	68.24000	0.0	0.0	0.0
				87.00000	75.00000	68.24000	0.0	0.0	0.0
				88.00000	75.00000	68.24000	0.0	0.0	0.0
				89.00000	75.00000	68.24000	0.0	0.0	0.0
				90.00000	75.00000	68.24000	0.0	0.0	0.0
				91.00000	75.00000	68.24000	0.0	0.0	0.0
				92.00000	75.00000	68.24000	0.0	0.0	0.0
				93.00000	75.00000	68.24000	0.0	0.0	0.0
				94.00000	75.00000	68.24000	0.0	0.0	0.0
				95.00000	75.00000	68.24000	0.0	0.0	0.0
				96.00000	75.00000	68.24000	0.0	0.0	0.0
				97.00000	75.00000	68.24000	0.0	0.0	0.0
				98.00000	75.00000	68.24000	0.0	0.0	0.0
				99.00000	75.00000	68.24000	0.0	0.0	0.0
				100.00000	75.00000	68.24000	0.0	0.0	0.0
				0.00000	76.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
2.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
3.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
4.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
5.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
6.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
7.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
8.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
9.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
10.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
11.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
12.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
13.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
14.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
15.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
16.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
17.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
18.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
19.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
20.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
21.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
22.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
23.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
24.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
25.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
26.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
27.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
28.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
29.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
30.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
31.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
32.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
33.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
34.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
35.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
36.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
37.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
38.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
39.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
40.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
41.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
42.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
43.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
44.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
45.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
46.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
47.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
48.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
49.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
50.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
51.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
52.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
53.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
54.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
55.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
56.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
57.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
58.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
59.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
60.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
61.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
62.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
63.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
64.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
65.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
66.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
67.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
68.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
69.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
70.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
71.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
72.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
73.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
74.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
75.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
76.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0
77.00000		76.00000		76.00000	68.24000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				78.00000	76.00000	68.24000	0.0	0.0	0.0
				79.00000	76.00000	68.24000	0.0	0.0	0.0
				80.00000	76.00000	68.24000	0.0	0.0	0.0
				81.00000	76.00000	68.24000	0.0	0.0	0.0
				82.00000	76.00000	68.24000	0.0	0.0	0.0
				83.00000	76.00000	68.24000	0.0	0.0	0.0
				84.00000	76.00000	68.24000	0.0	0.0	0.0
				85.00000	76.00000	68.24000	0.0	0.0	0.0
				86.00000	76.00000	68.24000	0.0	0.0	0.0
				87.00000	76.00000	68.24000	0.0	0.0	0.0
				88.00000	76.00000	68.24000	0.0	0.0	0.0
				89.00000	76.00000	68.24000	0.0	0.0	0.0
				90.00000	76.00000	68.24000	0.0	0.0	0.0
				91.00000	76.00000	68.24000	0.0	0.0	0.0
				92.00000	76.00000	68.24000	0.0	0.0	0.0
				93.00000	76.00000	68.24000	0.0	0.0	0.0
				94.00000	76.00000	68.24000	0.0	0.0	0.0
				95.00000	76.00000	68.24000	0.0	0.0	0.0
				96.00000	76.00000	68.24000	0.0	0.0	0.0
				97.00000	76.00000	68.24000	0.0	0.0	0.0
				98.00000	76.00000	68.24000	0.0	0.0	0.0
				99.00000	76.00000	68.24000	0.0	0.0	0.0
				100.00000	76.00000	68.24000	0.0	0.0	0.0
				0.00000	77.00000	68.24000	0.0	0.0	0.0
				1.00000	77.00000	68.24000	0.0	0.0	0.0
				2.00000	77.00000	68.24000	0.0	0.0	0.0
				3.00000	77.00000	68.24000	0.0	0.0	0.0
				4.00000	77.00000	68.24000	0.0	0.0	0.0
				5.00000	77.00000	68.24000	0.0	0.0	0.0
				6.00000	77.00000	68.24000	0.0	0.0	0.0
				7.00000	77.00000	68.24000	0.0	0.0	0.0
				8.00000	77.00000	68.24000	0.0	0.0	0.0
				9.00000	77.00000	68.24000	0.0	0.0	0.0
				10.00000	77.00000	68.24000	0.0	0.0	0.0
				11.00000	77.00000	68.24000	0.0	0.0	0.0
				12.00000	77.00000	68.24000	0.0	0.0	0.0
				13.00000	77.00000	68.24000	0.0	0.0	0.0
				14.00000	77.00000	68.24000	0.0	0.0	0.0
				15.00000	77.00000	68.24000	0.0	0.0	0.0
				16.00000	77.00000	68.24000	0.0	0.0	0.0
				17.00000	77.00000	68.24000	0.0	0.0	0.0
				18.00000	77.00000	68.24000	0.0	0.0	0.0
				19.00000	77.00000	68.24000	0.0	0.0	0.0
				20.00000	77.00000	68.24000	0.0	0.0	0.0
				21.00000	77.00000	68.24000	0.0	0.0	0.0
				22.00000	77.00000	68.24000	0.0	0.0	0.0
				23.00000	77.00000	68.24000	0.0	0.0	0.0
				24.00000	77.00000	68.24000	0.0	0.0	0.0
				25.00000	77.00000	68.24000	0.0	0.0	0.0
				26.00000	77.00000	68.24000	0.0	0.0	0.0
				27.00000	77.00000	68.24000	0.0	0.0	0.0
				28.00000	77.00000	68.24000	0.0	0.0	0.0
				29.00000	77.00000	68.24000	0.0	0.0	0.0
				30.00000	77.00000	68.24000	0.0	0.0	0.0
				31.00000	77.00000	68.24000	0.0	0.0	0.0
				32.00000	77.00000	68.24000	0.0	0.0	0.0
				33.00000	77.00000	68.24000	0.0	0.0	0.0
				34.00000	77.00000	68.24000	0.0	0.0	0.0
				35.00000	77.00000	68.24000	0.0	0.0	0.0
				36.00000	77.00000	68.24000	0.0	0.0	0.0
				37.00000	77.00000	68.24000	0.0	0.0	0.0
				38.00000	77.00000	68.24000	0.0	0.0	0.0
				39.00000	77.00000	68.24000	0.0	0.0	0.0
				40.00000	77.00000	68.24000	0.0	0.0	0.0
				41.00000	77.00000	68.24000	0.0	0.0	0.0
				42.00000	77.00000	68.24000	0.0	0.0	0.0
				43.00000	77.00000	68.24000	0.0	0.0	0.0
				44.00000	77.00000	68.24000	0.0	0.0	0.0
				45.00000	77.00000	68.24000	0.0	0.0	0.0
				46.00000	77.00000	68.24000	0.0	0.0	0.0
				47.00000	77.00000	68.24000	0.0	0.0	0.0
				48.00000	77.00000	68.24000	0.0	0.0	0.0
				49.00000	77.00000	68.24000	0.0	0.0	0.0
				50.00000	77.00000	68.24000	0.0	0.0	0.0
				51.00000	77.00000	68.24000	0.0	0.0	0.0
				52.00000	77.00000	68.24000	0.0	0.0	0.0
				53.00000	77.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				54.00000	77.00000	68.24000	0.0	0.0	0.0
				55.00000	77.00000	68.24000	0.0	0.0	0.0
				56.00000	77.00000	68.24000	0.0	0.0	0.0
				57.00000	77.00000	68.24000	0.0	0.0	0.0
				58.00000	77.00000	68.24000	0.0	0.0	0.0
				59.00000	77.00000	68.24000	0.0	0.0	0.0
				60.00000	77.00000	68.24000	0.0	0.0	0.0
				61.00000	77.00000	68.24000	0.0	0.0	0.0
				62.00000	77.00000	68.24000	0.0	0.0	0.0
				63.00000	77.00000	68.24000	0.0	0.0	0.0
				64.00000	77.00000	68.24000	0.0	0.0	0.0
				65.00000	77.00000	68.24000	0.0	0.0	0.0
				66.00000	77.00000	68.24000	0.0	0.0	0.0
				67.00000	77.00000	68.24000	0.0	0.0	0.0
				68.00000	77.00000	68.24000	0.0	0.0	0.0
				69.00000	77.00000	68.24000	0.0	0.0	0.0
				70.00000	77.00000	68.24000	0.0	0.0	0.0
				71.00000	77.00000	68.24000	0.0	0.0	0.0
				72.00000	77.00000	68.24000	0.0	0.0	0.0
				73.00000	77.00000	68.24000	0.0	0.0	0.0
				74.00000	77.00000	68.24000	0.0	0.0	0.0
				75.00000	77.00000	68.24000	0.0	0.0	0.0
				76.00000	77.00000	68.24000	0.0	0.0	0.0
				77.00000	77.00000	68.24000	0.0	0.0	0.0
				78.00000	77.00000	68.24000	0.0	0.0	0.0
				79.00000	77.00000	68.24000	0.0	0.0	0.0
				80.00000	77.00000	68.24000	0.0	0.0	0.0
				81.00000	77.00000	68.24000	0.0	0.0	0.0
				82.00000	77.00000	68.24000	0.0	0.0	0.0
				83.00000	77.00000	68.24000	0.0	0.0	0.0
				84.00000	77.00000	68.24000	0.0	0.0	0.0
				85.00000	77.00000	68.24000	0.0	0.0	0.0
				86.00000	77.00000	68.24000	0.0	0.0	0.0
				87.00000	77.00000	68.24000	0.0	0.0	0.0
				88.00000	77.00000	68.24000	0.0	0.0	0.0
				89.00000	77.00000	68.24000	0.0	0.0	0.0
				90.00000	77.00000	68.24000	0.0	0.0	0.0
				91.00000	77.00000	68.24000	0.0	0.0	0.0
				92.00000	77.00000	68.24000	0.0	0.0	0.0
				93.00000	77.00000	68.24000	0.0	0.0	0.0
				94.00000	77.00000	68.24000	0.0	0.0	0.0
				95.00000	77.00000	68.24000	0.0	0.0	0.0
				96.00000	77.00000	68.24000	0.0	0.0	0.0
				97.00000	77.00000	68.24000	0.0	0.0	0.0
				98.00000	77.00000	68.24000	0.0	0.0	0.0
				99.00000	77.00000	68.24000	0.0	0.0	0.0
				100.00000	77.00000	68.24000	0.0	0.0	0.0
				0.00000	78.00000	68.24000	0.0	0.0	0.0
				1.00000	78.00000	68.24000	0.0	0.0	0.0
				2.00000	78.00000	68.24000	0.0	0.0	0.0
				3.00000	78.00000	68.24000	0.0	0.0	0.0
				4.00000	78.00000	68.24000	0.0	0.0	0.0
				5.00000	78.00000	68.24000	0.0	0.0	0.0
				6.00000	78.00000	68.24000	0.0	0.0	0.0
				7.00000	78.00000	68.24000	0.0	0.0	0.0
				8.00000	78.00000	68.24000	0.0	0.0	0.0
				9.00000	78.00000	68.24000	0.0	0.0	0.0
				10.00000	78.00000	68.24000	0.0	0.0	0.0
				11.00000	78.00000	68.24000	0.0	0.0	0.0
				12.00000	78.00000	68.24000	0.0	0.0	0.0
				13.00000	78.00000	68.24000	0.0	0.0	0.0
				14.00000	78.00000	68.24000	0.0	0.0	0.0
				15.00000	78.00000	68.24000	0.0	0.0	0.0
				16.00000	78.00000	68.24000	0.0	0.0	0.0
				17.00000	78.00000	68.24000	0.0	0.0	0.0
				18.00000	78.00000	68.24000	0.0	0.0	0.0
				19.00000	78.00000	68.24000	0.0	0.0	0.0
				20.00000	78.00000	68.24000	0.0	0.0	0.0
				21.00000	78.00000	68.24000	0.0	0.0	0.0
				22.00000	78.00000	68.24000	0.0	0.0	0.0
				23.00000	78.00000	68.24000	0.0	0.0	0.0
				24.00000	78.00000	68.24000	0.0	0.0	0.0
				25.00000	78.00000	68.24000	0.0	0.0	0.0
				26.00000	78.00000	68.24000	0.0	0.0	0.0
				27.00000	78.00000	68.24000	0.0	0.0	0.0
				28.00000	78.00000	68.24000	0.0	0.0	0.0
				29.00000	78.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				30.00000	78.00000	68.24000	0.0	0.0	0.0
				31.00000	78.00000	68.24000	0.0	0.0	0.0
				32.00000	78.00000	68.24000	0.0	0.0	0.0
				33.00000	78.00000	68.24000	0.0	0.0	0.0
				34.00000	78.00000	68.24000	0.0	0.0	0.0
				35.00000	78.00000	68.24000	0.0	0.0	0.0
				36.00000	78.00000	68.24000	0.0	0.0	0.0
				37.00000	78.00000	68.24000	0.0	0.0	0.0
				38.00000	78.00000	68.24000	0.0	0.0	0.0
				39.00000	78.00000	68.24000	0.0	0.0	0.0
				40.00000	78.00000	68.24000	0.0	0.0	0.0
				41.00000	78.00000	68.24000	0.0	0.0	0.0
				42.00000	78.00000	68.24000	0.0	0.0	0.0
				43.00000	78.00000	68.24000	0.0	0.0	0.0
				44.00000	78.00000	68.24000	0.0	0.0	0.0
				45.00000	78.00000	68.24000	0.0	0.0	0.0
				46.00000	78.00000	68.24000	0.0	0.0	0.0
				47.00000	78.00000	68.24000	0.0	0.0	0.0
				48.00000	78.00000	68.24000	0.0	0.0	0.0
				49.00000	78.00000	68.24000	0.0	0.0	0.0
				50.00000	78.00000	68.24000	0.0	0.0	0.0
				51.00000	78.00000	68.24000	0.0	0.0	0.0
				52.00000	78.00000	68.24000	0.0	0.0	0.0
				53.00000	78.00000	68.24000	0.0	0.0	0.0
				54.00000	78.00000	68.24000	0.0	0.0	0.0
				55.00000	78.00000	68.24000	0.0	0.0	0.0
				56.00000	78.00000	68.24000	0.0	0.0	0.0
				57.00000	78.00000	68.24000	0.0	0.0	0.0
				58.00000	78.00000	68.24000	0.0	0.0	0.0
				59.00000	78.00000	68.24000	0.0	0.0	0.0
				60.00000	78.00000	68.24000	0.0	0.0	0.0
				61.00000	78.00000	68.24000	0.0	0.0	0.0
				62.00000	78.00000	68.24000	0.0	0.0	0.0
				63.00000	78.00000	68.24000	0.0	0.0	0.0
				64.00000	78.00000	68.24000	0.0	0.0	0.0
				65.00000	78.00000	68.24000	0.0	0.0	0.0
				66.00000	78.00000	68.24000	0.0	0.0	0.0
				67.00000	78.00000	68.24000	0.0	0.0	0.0
				68.00000	78.00000	68.24000	0.0	0.0	0.0
				69.00000	78.00000	68.24000	0.0	0.0	0.0
				70.00000	78.00000	68.24000	0.0	0.0	0.0
				71.00000	78.00000	68.24000	0.0	0.0	0.0
				72.00000	78.00000	68.24000	0.0	0.0	0.0
				73.00000	78.00000	68.24000	0.0	0.0	0.0
				74.00000	78.00000	68.24000	0.0	0.0	0.0
				75.00000	78.00000	68.24000	0.0	0.0	0.0
				76.00000	78.00000	68.24000	0.0	0.0	0.0
				77.00000	78.00000	68.24000	0.0	0.0	0.0
				78.00000	78.00000	68.24000	0.0	0.0	0.0
				79.00000	78.00000	68.24000	0.0	0.0	0.0
				80.00000	78.00000	68.24000	0.0	0.0	0.0
				81.00000	78.00000	68.24000	0.0	0.0	0.0
				82.00000	78.00000	68.24000	0.0	0.0	0.0
				83.00000	78.00000	68.24000	0.0	0.0	0.0
				84.00000	78.00000	68.24000	0.0	0.0	0.0
				85.00000	78.00000	68.24000	0.0	0.0	0.0
				86.00000	78.00000	68.24000	0.0	0.0	0.0
				87.00000	78.00000	68.24000	0.0	0.0	0.0
				88.00000	78.00000	68.24000	0.0	0.0	0.0
				89.00000	78.00000	68.24000	0.0	0.0	0.0
				90.00000	78.00000	68.24000	0.0	0.0	0.0
				91.00000	78.00000	68.24000	0.0	0.0	0.0
				92.00000	78.00000	68.24000	0.0	0.0	0.0
				93.00000	78.00000	68.24000	0.0	0.0	0.0
				94.00000	78.00000	68.24000	0.0	0.0	0.0
				95.00000	78.00000	68.24000	0.0	0.0	0.0
				96.00000	78.00000	68.24000	0.0	0.0	0.0
				97.00000	78.00000	68.24000	0.0	0.0	0.0
				98.00000	78.00000	68.24000	0.0	0.0	0.0
				99.00000	78.00000	68.24000	0.0	0.0	0.0
				100.00000	78.00000	68.24000	0.0	0.0	0.0
				0.00000	79.00000	68.24000	0.0	0.0	0.0
				1.00000	79.00000	68.24000	0.0	0.0	0.0
				2.00000	79.00000	68.24000	0.0	0.0	0.0
				3.00000	79.00000	68.24000	0.0	0.0	0.0
				4.00000	79.00000	68.24000	0.0	0.0	0.0
				5.00000	79.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				6.00000	79.00000	68.24000	0.0	0.0	0.0
				7.00000	79.00000	68.24000	0.0	0.0	0.0
				8.00000	79.00000	68.24000	0.0	0.0	0.0
				9.00000	79.00000	68.24000	0.0	0.0	0.0
				10.00000	79.00000	68.24000	0.0	0.0	0.0
				11.00000	79.00000	68.24000	0.0	0.0	0.0
				12.00000	79.00000	68.24000	0.0	0.0	0.0
				13.00000	79.00000	68.24000	0.0	0.0	0.0
				14.00000	79.00000	68.24000	0.0	0.0	0.0
				15.00000	79.00000	68.24000	0.0	0.0	0.0
				16.00000	79.00000	68.24000	0.0	0.0	0.0
				17.00000	79.00000	68.24000	0.0	0.0	0.0
				18.00000	79.00000	68.24000	0.0	0.0	0.0
				19.00000	79.00000	68.24000	0.0	0.0	0.0
				20.00000	79.00000	68.24000	0.0	0.0	0.0
				21.00000	79.00000	68.24000	0.0	0.0	0.0
				22.00000	79.00000	68.24000	0.0	0.0	0.0
				23.00000	79.00000	68.24000	0.0	0.0	0.0
				24.00000	79.00000	68.24000	0.0	0.0	0.0
				25.00000	79.00000	68.24000	0.0	0.0	0.0
				26.00000	79.00000	68.24000	0.0	0.0	0.0
				27.00000	79.00000	68.24000	0.0	0.0	0.0
				28.00000	79.00000	68.24000	0.0	0.0	0.0
				29.00000	79.00000	68.24000	0.0	0.0	0.0
				30.00000	79.00000	68.24000	0.0	0.0	0.0
				31.00000	79.00000	68.24000	0.0	0.0	0.0
				32.00000	79.00000	68.24000	0.0	0.0	0.0
				33.00000	79.00000	68.24000	0.0	0.0	0.0
				34.00000	79.00000	68.24000	0.0	0.0	0.0
				35.00000	79.00000	68.24000	0.0	0.0	0.0
				36.00000	79.00000	68.24000	0.0	0.0	0.0
				37.00000	79.00000	68.24000	0.0	0.0	0.0
				38.00000	79.00000	68.24000	0.0	0.0	0.0
				39.00000	79.00000	68.24000	0.0	0.0	0.0
				40.00000	79.00000	68.24000	0.0	0.0	0.0
				41.00000	79.00000	68.24000	0.0	0.0	0.0
				42.00000	79.00000	68.24000	0.0	0.0	0.0
				43.00000	79.00000	68.24000	0.0	0.0	0.0
				44.00000	79.00000	68.24000	0.0	0.0	0.0
				45.00000	79.00000	68.24000	0.0	0.0	0.0
				46.00000	79.00000	68.24000	0.0	0.0	0.0
				47.00000	79.00000	68.24000	0.0	0.0	0.0
				48.00000	79.00000	68.24000	0.0	0.0	0.0
				49.00000	79.00000	68.24000	0.0	0.0	0.0
				50.00000	79.00000	68.24000	0.0	0.0	0.0
				51.00000	79.00000	68.24000	0.0	0.0	0.0
				52.00000	79.00000	68.24000	0.0	0.0	0.0
				53.00000	79.00000	68.24000	0.0	0.0	0.0
				54.00000	79.00000	68.24000	0.0	0.0	0.0
				55.00000	79.00000	68.24000	0.0	0.0	0.0
				56.00000	79.00000	68.24000	0.0	0.0	0.0
				57.00000	79.00000	68.24000	0.0	0.0	0.0
				58.00000	79.00000	68.24000	0.0	0.0	0.0
				59.00000	79.00000	68.24000	0.0	0.0	0.0
				60.00000	79.00000	68.24000	0.0	0.0	0.0
				61.00000	79.00000	68.24000	0.0	0.0	0.0
				62.00000	79.00000	68.24000	0.0	0.0	0.0
				63.00000	79.00000	68.24000	0.0	0.0	0.0
				64.00000	79.00000	68.24000	0.0	0.0	0.0
				65.00000	79.00000	68.24000	0.0	0.0	0.0
				66.00000	79.00000	68.24000	0.0	0.0	0.0
				67.00000	79.00000	68.24000	0.0	0.0	0.0
				68.00000	79.00000	68.24000	0.0	0.0	0.0
				69.00000	79.00000	68.24000	0.0	0.0	0.0
				70.00000	79.00000	68.24000	0.0	0.0	0.0
				71.00000	79.00000	68.24000	0.0	0.0	0.0
				72.00000	79.00000	68.24000	0.0	0.0	0.0
				73.00000	79.00000	68.24000	0.0	0.0	0.0
				74.00000	79.00000	68.24000	0.0	0.0	0.0
				75.00000	79.00000	68.24000	0.0	0.0	0.0
				76.00000	79.00000	68.24000	0.0	0.0	0.0
				77.00000	79.00000	68.24000	0.0	0.0	0.0
				78.00000	79.00000	68.24000	0.0	0.0	0.0
				79.00000	79.00000	68.24000	0.0	0.0	0.0
				80.00000	79.00000	68.24000	0.0	0.0	0.0
				81.00000	79.00000	68.24000	0.0	0.0	0.0
				82.00000	79.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				83.00000	79.00000	68.24000	0.0	0.0	0.0
				84.00000	79.00000	68.24000	0.0	0.0	0.0
				85.00000	79.00000	68.24000	0.0	0.0	0.0
				86.00000	79.00000	68.24000	0.0	0.0	0.0
				87.00000	79.00000	68.24000	0.0	0.0	0.0
				88.00000	79.00000	68.24000	0.0	0.0	0.0
				89.00000	79.00000	68.24000	0.0	0.0	0.0
				90.00000	79.00000	68.24000	0.0	0.0	0.0
				91.00000	79.00000	68.24000	0.0	0.0	0.0
				92.00000	79.00000	68.24000	0.0	0.0	0.0
				93.00000	79.00000	68.24000	0.0	0.0	0.0
				94.00000	79.00000	68.24000	0.0	0.0	0.0
				95.00000	79.00000	68.24000	0.0	0.0	0.0
				96.00000	79.00000	68.24000	0.0	0.0	0.0
				97.00000	79.00000	68.24000	0.0	0.0	0.0
				98.00000	79.00000	68.24000	0.0	0.0	0.0
				99.00000	79.00000	68.24000	0.0	0.0	0.0
				100.00000	79.00000	68.24000	0.0	0.0	0.0
				0.00000	80.00000	68.24000	0.0	0.0	0.0
				1.00000	80.00000	68.24000	0.0	0.0	0.0
				2.00000	80.00000	68.24000	0.0	0.0	0.0
				3.00000	80.00000	68.24000	0.0	0.0	0.0
				4.00000	80.00000	68.24000	0.0	0.0	0.0
				5.00000	80.00000	68.24000	0.0	0.0	0.0
				6.00000	80.00000	68.24000	0.0	0.0	0.0
				7.00000	80.00000	68.24000	0.0	0.0	0.0
				8.00000	80.00000	68.24000	0.0	0.0	0.0
				9.00000	80.00000	68.24000	0.0	0.0	0.0
				10.00000	80.00000	68.24000	0.0	0.0	0.0
				11.00000	80.00000	68.24000	0.0	0.0	0.0
				12.00000	80.00000	68.24000	0.0	0.0	0.0
				13.00000	80.00000	68.24000	0.0	0.0	0.0
				14.00000	80.00000	68.24000	0.0	0.0	0.0
				15.00000	80.00000	68.24000	0.0	0.0	0.0
				16.00000	80.00000	68.24000	0.0	0.0	0.0
				17.00000	80.00000	68.24000	0.0	0.0	0.0
				18.00000	80.00000	68.24000	0.0	0.0	0.0
				19.00000	80.00000	68.24000	0.0	0.0	0.0
				20.00000	80.00000	68.24000	0.0	0.0	0.0
				21.00000	80.00000	68.24000	0.0	0.0	0.0
				22.00000	80.00000	68.24000	0.0	0.0	0.0
				23.00000	80.00000	68.24000	0.0	0.0	0.0
				24.00000	80.00000	68.24000	0.0	0.0	0.0
				25.00000	80.00000	68.24000	0.0	0.0	0.0
				26.00000	80.00000	68.24000	0.0	0.0	0.0
				27.00000	80.00000	68.24000	0.0	0.0	0.0
				28.00000	80.00000	68.24000	0.0	0.0	0.0
				29.00000	80.00000	68.24000	0.0	0.0	0.0
				30.00000	80.00000	68.24000	0.0	0.0	0.0
				31.00000	80.00000	68.24000	0.0	0.0	0.0
				32.00000	80.00000	68.24000	0.0	0.0	0.0
				33.00000	80.00000	68.24000	0.0	0.0	0.0
				34.00000	80.00000	68.24000	0.0	0.0	0.0
				35.00000	80.00000	68.24000	0.0	0.0	0.0
				36.00000	80.00000	68.24000	0.0	0.0	0.0
				37.00000	80.00000	68.24000	0.0	0.0	0.0
				38.00000	80.00000	68.24000	0.0	0.0	0.0
				39.00000	80.00000	68.24000	0.0	0.0	0.0
				40.00000	80.00000	68.24000	0.0	0.0	0.0
				41.00000	80.00000	68.24000	0.0	0.0	0.0
				42.00000	80.00000	68.24000	0.0	0.0	0.0
				43.00000	80.00000	68.24000	0.0	0.0	0.0
				44.00000	80.00000	68.24000	0.0	0.0	0.0
				45.00000	80.00000	68.24000	0.0	0.0	0.0
				46.00000	80.00000	68.24000	0.0	0.0	0.0
				47.00000	80.00000	68.24000	0.0	0.0	0.0
				48.00000	80.00000	68.24000	0.0	0.0	0.0
				49.00000	80.00000	68.24000	0.0	0.0	0.0
				50.00000	80.00000	68.24000	0.0	0.0	0.0
				51.00000	80.00000	68.24000	0.0	0.0	0.0
				52.00000	80.00000	68.24000	0.0	0.0	0.0
				53.00000	80.00000	68.24000	0.0	0.0	0.0
				54.00000	80.00000	68.24000	0.0	0.0	0.0
				55.00000	80.00000	68.24000	0.0	0.0	0.0
				56.00000	80.00000	68.24000	0.0	0.0	0.0
				57.00000	80.00000	68.24000	0.0	0.0	0.0
				58.00000	80.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.00000	80.00000	68.24000	0.0	0.0	0.0
				60.00000	80.00000	68.24000	0.0	0.0	0.0
				61.00000	80.00000	68.24000	0.0	0.0	0.0
				62.00000	80.00000	68.24000	0.0	0.0	0.0
				63.00000	80.00000	68.24000	0.0	0.0	0.0
				64.00000	80.00000	68.24000	0.0	0.0	0.0
				65.00000	80.00000	68.24000	0.0	0.0	0.0
				66.00000	80.00000	68.24000	0.0	0.0	0.0
				67.00000	80.00000	68.24000	0.0	0.0	0.0
				68.00000	80.00000	68.24000	0.0	0.0	0.0
				69.00000	80.00000	68.24000	0.0	0.0	0.0
				70.00000	80.00000	68.24000	0.0	0.0	0.0
				71.00000	80.00000	68.24000	0.0	0.0	0.0
				72.00000	80.00000	68.24000	0.0	0.0	0.0
				73.00000	80.00000	68.24000	0.0	0.0	0.0
				74.00000	80.00000	68.24000	0.0	0.0	0.0
				75.00000	80.00000	68.24000	0.0	0.0	0.0
				76.00000	80.00000	68.24000	0.0	0.0	0.0
				77.00000	80.00000	68.24000	0.0	0.0	0.0
				78.00000	80.00000	68.24000	0.0	0.0	0.0
				79.00000	80.00000	68.24000	0.0	0.0	0.0
				80.00000	80.00000	68.24000	0.0	0.0	0.0
				81.00000	80.00000	68.24000	0.0	0.0	0.0
				82.00000	80.00000	68.24000	0.0	0.0	0.0
				83.00000	80.00000	68.24000	0.0	0.0	0.0
				84.00000	80.00000	68.24000	0.0	0.0	0.0
				85.00000	80.00000	68.24000	0.0	0.0	0.0
				86.00000	80.00000	68.24000	0.0	0.0	0.0
				87.00000	80.00000	68.24000	0.0	0.0	0.0
				88.00000	80.00000	68.24000	0.0	0.0	0.0
				89.00000	80.00000	68.24000	0.0	0.0	0.0
				90.00000	80.00000	68.24000	0.0	0.0	0.0
				91.00000	80.00000	68.24000	0.0	0.0	0.0
				92.00000	80.00000	68.24000	0.0	0.0	0.0
				93.00000	80.00000	68.24000	0.0	0.0	0.0
				94.00000	80.00000	68.24000	0.0	0.0	0.0
				95.00000	80.00000	68.24000	0.0	0.0	0.0
				96.00000	80.00000	68.24000	0.0	0.0	0.0
				97.00000	80.00000	68.24000	0.0	0.0	0.0
				98.00000	80.00000	68.24000	0.0	0.0	0.0
				99.00000	80.00000	68.24000	0.0	0.0	0.0
				100.00000	80.00000	68.24000	0.0	0.0	0.0
				0.00000	81.00000	68.24000	0.0	0.0	0.0
				1.00000	81.00000	68.24000	0.0	0.0	0.0
				2.00000	81.00000	68.24000	0.0	0.0	0.0
				3.00000	81.00000	68.24000	0.0	0.0	0.0
				4.00000	81.00000	68.24000	0.0	0.0	0.0
				5.00000	81.00000	68.24000	0.0	0.0	0.0
				6.00000	81.00000	68.24000	0.0	0.0	0.0
				7.00000	81.00000	68.24000	0.0	0.0	0.0
				8.00000	81.00000	68.24000	0.0	0.0	0.0
				9.00000	81.00000	68.24000	0.0	0.0	0.0
				10.00000	81.00000	68.24000	0.0	0.0	0.0
				11.00000	81.00000	68.24000	0.0	0.0	0.0
				12.00000	81.00000	68.24000	0.0	0.0	0.0
				13.00000	81.00000	68.24000	0.0	0.0	0.0
				14.00000	81.00000	68.24000	0.0	0.0	0.0
				15.00000	81.00000	68.24000	0.0	0.0	0.0
				16.00000	81.00000	68.24000	0.0	0.0	0.0
				17.00000	81.00000	68.24000	0.0	0.0	0.0
				18.00000	81.00000	68.24000	0.0	0.0	0.0
				19.00000	81.00000	68.24000	0.0	0.0	0.0
				20.00000	81.00000	68.24000	0.0	0.0	0.0
				21.00000	81.00000	68.24000	0.0	0.0	0.0
				22.00000	81.00000	68.24000	0.0	0.0	0.0
				23.00000	81.00000	68.24000	0.0	0.0	0.0
				24.00000	81.00000	68.24000	0.0	0.0	0.0
				25.00000	81.00000	68.24000	0.0	0.0	0.0
				26.00000	81.00000	68.24000	0.0	0.0	0.0
				27.00000	81.00000	68.24000	0.0	0.0	0.0
				28.00000	81.00000	68.24000	0.0	0.0	0.0
				29.00000	81.00000	68.24000	0.0	0.0	0.0
				30.00000	81.00000	68.24000	0.0	0.0	0.0
				31.00000	81.00000	68.24000	0.0	0.0	0.0
				32.00000	81.00000	68.24000	0.0	0.0	0.0
				33.00000	81.00000	68.24000	0.0	0.0	0.0
				34.00000	81.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				35.00000	81.00000	68.24000	0.0	0.0	0.0
				36.00000	81.00000	68.24000	0.0	0.0	0.0
				37.00000	81.00000	68.24000	0.0	0.0	0.0
				38.00000	81.00000	68.24000	0.0	0.0	0.0
				39.00000	81.00000	68.24000	0.0	0.0	0.0
				40.00000	81.00000	68.24000	0.0	0.0	0.0
				41.00000	81.00000	68.24000	0.0	0.0	0.0
				42.00000	81.00000	68.24000	0.0	0.0	0.0
				43.00000	81.00000	68.24000	0.0	0.0	0.0
				44.00000	81.00000	68.24000	0.0	0.0	0.0
				45.00000	81.00000	68.24000	0.0	0.0	0.0
				46.00000	81.00000	68.24000	0.0	0.0	0.0
				47.00000	81.00000	68.24000	0.0	0.0	0.0
				48.00000	81.00000	68.24000	0.0	0.0	0.0
				49.00000	81.00000	68.24000	0.0	0.0	0.0
				50.00000	81.00000	68.24000	0.0	0.0	0.0
				51.00000	81.00000	68.24000	0.0	0.0	0.0
				52.00000	81.00000	68.24000	0.0	0.0	0.0
				53.00000	81.00000	68.24000	0.0	0.0	0.0
				54.00000	81.00000	68.24000	0.0	0.0	0.0
				55.00000	81.00000	68.24000	0.0	0.0	0.0
				56.00000	81.00000	68.24000	0.0	0.0	0.0
				57.00000	81.00000	68.24000	0.0	0.0	0.0
				58.00000	81.00000	68.24000	0.0	0.0	0.0
				59.00000	81.00000	68.24000	0.0	0.0	0.0
				60.00000	81.00000	68.24000	0.0	0.0	0.0
				61.00000	81.00000	68.24000	0.0	0.0	0.0
				62.00000	81.00000	68.24000	0.0	0.0	0.0
				63.00000	81.00000	68.24000	0.0	0.0	0.0
				64.00000	81.00000	68.24000	0.0	0.0	0.0
				65.00000	81.00000	68.24000	0.0	0.0	0.0
				66.00000	81.00000	68.24000	0.0	0.0	0.0
				67.00000	81.00000	68.24000	0.0	0.0	0.0
				68.00000	81.00000	68.24000	0.0	0.0	0.0
				69.00000	81.00000	68.24000	0.0	0.0	0.0
				70.00000	81.00000	68.24000	0.0	0.0	0.0
				71.00000	81.00000	68.24000	0.0	0.0	0.0
				72.00000	81.00000	68.24000	0.0	0.0	0.0
				73.00000	81.00000	68.24000	0.0	0.0	0.0
				74.00000	81.00000	68.24000	0.0	0.0	0.0
				75.00000	81.00000	68.24000	0.0	0.0	0.0
				76.00000	81.00000	68.24000	0.0	0.0	0.0
				77.00000	81.00000	68.24000	0.0	0.0	0.0
				78.00000	81.00000	68.24000	0.0	0.0	0.0
				79.00000	81.00000	68.24000	0.0	0.0	0.0
				80.00000	81.00000	68.24000	0.0	0.0	0.0
				81.00000	81.00000	68.24000	0.0	0.0	0.0
				82.00000	81.00000	68.24000	0.0	0.0	0.0
				83.00000	81.00000	68.24000	0.0	0.0	0.0
				84.00000	81.00000	68.24000	0.0	0.0	0.0
				85.00000	81.00000	68.24000	0.0	0.0	0.0
				86.00000	81.00000	68.24000	0.0	0.0	0.0
				87.00000	81.00000	68.24000	0.0	0.0	0.0
				88.00000	81.00000	68.24000	0.0	0.0	0.0
				89.00000	81.00000	68.24000	0.0	0.0	0.0
				90.00000	81.00000	68.24000	0.0	0.0	0.0
				91.00000	81.00000	68.24000	0.0	0.0	0.0
				92.00000	81.00000	68.24000	0.0	0.0	0.0
				93.00000	81.00000	68.24000	0.0	0.0	0.0
				94.00000	81.00000	68.24000	0.0	0.0	0.0
				95.00000	81.00000	68.24000	0.0	0.0	0.0
				96.00000	81.00000	68.24000	0.0	0.0	0.0
				97.00000	81.00000	68.24000	0.0	0.0	0.0
				98.00000	81.00000	68.24000	0.0	0.0	0.0
				99.00000	81.00000	68.24000	0.0	0.0	0.0
				100.00000	81.00000	68.24000	0.0	0.0	0.0
				0.00000	82.00000	68.24000	0.0	0.0	0.0
				1.00000	82.00000	68.24000	0.0	0.0	0.0
				2.00000	82.00000	68.24000	0.0	0.0	0.0
				3.00000	82.00000	68.24000	0.0	0.0	0.0
				4.00000	82.00000	68.24000	0.0	0.0	0.0
				5.00000	82.00000	68.24000	0.0	0.0	0.0
				6.00000	82.00000	68.24000	0.0	0.0	0.0
				7.00000	82.00000	68.24000	0.0	0.0	0.0
				8.00000	82.00000	68.24000	0.0	0.0	0.0
				9.00000	82.00000	68.24000	0.0	0.0	0.0
				10.00000	82.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
Drg. Ref.		
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	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				11.00000	82.00000	68.24000	0.0	0.0	0.0
				12.00000	82.00000	68.24000	0.0	0.0	0.0
				13.00000	82.00000	68.24000	0.0	0.0	0.0
				14.00000	82.00000	68.24000	0.0	0.0	0.0
				15.00000	82.00000	68.24000	0.0	0.0	0.0
				16.00000	82.00000	68.24000	0.0	0.0	0.0
				17.00000	82.00000	68.24000	0.0	0.0	0.0
				18.00000	82.00000	68.24000	0.0	0.0	0.0
				19.00000	82.00000	68.24000	0.0	0.0	0.0
				20.00000	82.00000	68.24000	0.0	0.0	0.0
				21.00000	82.00000	68.24000	0.0	0.0	0.0
				22.00000	82.00000	68.24000	0.0	0.0	0.0
				23.00000	82.00000	68.24000	0.0	0.0	0.0
				24.00000	82.00000	68.24000	0.0	0.0	0.0
				25.00000	82.00000	68.24000	0.0	0.0	0.0
				26.00000	82.00000	68.24000	0.0	0.0	0.0
				27.00000	82.00000	68.24000	0.0	0.0	0.0
				28.00000	82.00000	68.24000	0.0	0.0	0.0
				29.00000	82.00000	68.24000	0.0	0.0	0.0
				30.00000	82.00000	68.24000	0.0	0.0	0.0
				31.00000	82.00000	68.24000	0.0	0.0	0.0
				32.00000	82.00000	68.24000	0.0	0.0	0.0
				33.00000	82.00000	68.24000	0.0	0.0	0.0
				34.00000	82.00000	68.24000	0.0	0.0	0.0
				35.00000	82.00000	68.24000	0.0	0.0	0.0
				36.00000	82.00000	68.24000	0.0	0.0	0.0
				37.00000	82.00000	68.24000	0.0	0.0	0.0
				38.00000	82.00000	68.24000	0.0	0.0	0.0
				39.00000	82.00000	68.24000	0.0	0.0	0.0
				40.00000	82.00000	68.24000	0.0	0.0	0.0
				41.00000	82.00000	68.24000	0.0	0.0	0.0
				42.00000	82.00000	68.24000	0.0	0.0	0.0
				43.00000	82.00000	68.24000	0.0	0.0	0.0
				44.00000	82.00000	68.24000	0.0	0.0	0.0
				45.00000	82.00000	68.24000	0.0	0.0	0.0
				46.00000	82.00000	68.24000	0.0	0.0	0.0
				47.00000	82.00000	68.24000	0.0	0.0	0.0
				48.00000	82.00000	68.24000	0.0	0.0	0.0
				49.00000	82.00000	68.24000	0.0	0.0	0.0
				50.00000	82.00000	68.24000	0.0	0.0	0.0
				51.00000	82.00000	68.24000	0.0	0.0	0.0
				52.00000	82.00000	68.24000	0.0	0.0	0.0
				53.00000	82.00000	68.24000	0.0	0.0	0.0
				54.00000	82.00000	68.24000	0.0	0.0	0.0
				55.00000	82.00000	68.24000	0.0	0.0	0.0
				56.00000	82.00000	68.24000	0.0	0.0	0.0
				57.00000	82.00000	68.24000	0.0	0.0	0.0
				58.00000	82.00000	68.24000	0.0	0.0	0.0
				59.00000	82.00000	68.24000	0.0	0.0	0.0
				60.00000	82.00000	68.24000	0.0	0.0	0.0
				61.00000	82.00000	68.24000	0.0	0.0	0.0
				62.00000	82.00000	68.24000	0.0	0.0	0.0
				63.00000	82.00000	68.24000	0.0	0.0	0.0
				64.00000	82.00000	68.24000	0.0	0.0	0.0
				65.00000	82.00000	68.24000	0.0	0.0	0.0
				66.00000	82.00000	68.24000	0.0	0.0	0.0
				67.00000	82.00000	68.24000	0.0	0.0	0.0
				68.00000	82.00000	68.24000	0.0	0.0	0.0
				69.00000	82.00000	68.24000	0.0	0.0	0.0
				70.00000	82.00000	68.24000	0.0	0.0	0.0
				71.00000	82.00000	68.24000	0.0	0.0	0.0
				72.00000	82.00000	68.24000	0.0	0.0	0.0
				73.00000	82.00000	68.24000	0.0	0.0	0.0
				74.00000	82.00000	68.24000	0.0	0.0	0.0
				75.00000	82.00000	68.24000	0.0	0.0	0.0
				76.00000	82.00000	68.24000	0.0	0.0	0.0
				77.00000	82.00000	68.24000	0.0	0.0	0.0
				78.00000	82.00000	68.24000	0.0	0.0	0.0
				79.00000	82.00000	68.24000	0.0	0.0	0.0
				80.00000	82.00000	68.24000	0.0	0.0	0.0
				81.00000	82.00000	68.24000	0.0	0.0	0.0
				82.00000	82.00000	68.24000	0.0	0.0	0.0
				83.00000	82.00000	68.24000	0.0	0.0	0.0
				84.00000	82.00000	68.24000	0.0	0.0	0.0
				85.00000	82.00000	68.24000	0.0	0.0	0.0
				86.00000	82.00000	68.24000	0.0	0.0	0.0
				87.00000	82.00000	68.24000	0.0	0.0	0.0



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Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
88.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
89.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
90.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
91.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
92.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
93.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
94.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
95.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
96.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
97.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
98.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
99.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
100.00000				82.00000	82.00000	68.24000	0.0	0.0	0.0
0.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
1.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
2.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
3.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
4.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
5.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
6.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
7.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
8.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
9.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
10.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
11.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
12.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
13.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
14.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
15.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
16.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
17.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
18.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
19.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
20.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
21.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
22.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
23.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
24.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
25.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
26.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
27.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
28.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
29.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
30.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
31.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
32.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
33.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
34.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
35.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
36.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
37.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
38.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
39.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
40.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
41.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
42.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
43.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
44.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
45.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
46.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
47.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
48.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
49.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
50.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
51.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
52.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
53.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
54.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
55.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
56.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
57.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
58.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
59.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
60.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
61.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
62.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0
63.00000				83.00000	83.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				64.00000	83.00000	68.24000	0.0	0.0	0.0
				65.00000	83.00000	68.24000	0.0	0.0	0.0
				66.00000	83.00000	68.24000	0.0	0.0	0.0
				67.00000	83.00000	68.24000	0.0	0.0	0.0
				68.00000	83.00000	68.24000	0.0	0.0	0.0
				69.00000	83.00000	68.24000	0.0	0.0	0.0
				70.00000	83.00000	68.24000	0.0	0.0	0.0
				71.00000	83.00000	68.24000	0.0	0.0	0.0
				72.00000	83.00000	68.24000	0.0	0.0	0.0
				73.00000	83.00000	68.24000	0.0	0.0	0.0
				74.00000	83.00000	68.24000	0.0	0.0	0.0
				75.00000	83.00000	68.24000	0.0	0.0	0.0
				76.00000	83.00000	68.24000	0.0	0.0	0.0
				77.00000	83.00000	68.24000	0.0	0.0	0.0
				78.00000	83.00000	68.24000	0.0	0.0	0.0
				79.00000	83.00000	68.24000	0.0	0.0	0.0
				80.00000	83.00000	68.24000	0.0	0.0	0.0
				81.00000	83.00000	68.24000	0.0	0.0	0.0
				82.00000	83.00000	68.24000	0.0	0.0	0.0
				83.00000	83.00000	68.24000	0.0	0.0	0.0
				84.00000	83.00000	68.24000	0.0	0.0	0.0
				85.00000	83.00000	68.24000	0.0	0.0	0.0
				86.00000	83.00000	68.24000	0.0	0.0	0.0
				87.00000	83.00000	68.24000	0.0	0.0	0.0
				88.00000	83.00000	68.24000	0.0	0.0	0.0
				89.00000	83.00000	68.24000	0.0	0.0	0.0
				90.00000	83.00000	68.24000	0.0	0.0	0.0
				91.00000	83.00000	68.24000	0.0	0.0	0.0
				92.00000	83.00000	68.24000	0.0	0.0	0.0
				93.00000	83.00000	68.24000	0.0	0.0	0.0
				94.00000	83.00000	68.24000	0.0	0.0	0.0
				95.00000	83.00000	68.24000	0.0	0.0	0.0
				96.00000	83.00000	68.24000	0.0	0.0	0.0
				97.00000	83.00000	68.24000	0.0	0.0	0.0
				98.00000	83.00000	68.24000	0.0	0.0	0.0
				99.00000	83.00000	68.24000	0.0	0.0	0.0
				100.00000	83.00000	68.24000	0.0	0.0	0.0
				0.00000	84.00000	68.24000	0.0	0.0	0.0
				1.00000	84.00000	68.24000	0.0	0.0	0.0
				2.00000	84.00000	68.24000	0.0	0.0	0.0
				3.00000	84.00000	68.24000	0.0	0.0	0.0
				4.00000	84.00000	68.24000	0.0	0.0	0.0
				5.00000	84.00000	68.24000	0.0	0.0	0.0
				6.00000	84.00000	68.24000	0.0	0.0	0.0
				7.00000	84.00000	68.24000	0.0	0.0	0.0
				8.00000	84.00000	68.24000	0.0	0.0	0.0
				9.00000	84.00000	68.24000	0.0	0.0	0.0
				10.00000	84.00000	68.24000	0.0	0.0	0.0
				11.00000	84.00000	68.24000	0.0	0.0	0.0
				12.00000	84.00000	68.24000	0.0	0.0	0.0
				13.00000	84.00000	68.24000	0.0	0.0	0.0
				14.00000	84.00000	68.24000	0.0	0.0	0.0
				15.00000	84.00000	68.24000	0.0	0.0	0.0
				16.00000	84.00000	68.24000	0.0	0.0	0.0
				17.00000	84.00000	68.24000	0.0	0.0	0.0
				18.00000	84.00000	68.24000	0.0	0.0	0.0
				19.00000	84.00000	68.24000	0.0	0.0	0.0
				20.00000	84.00000	68.24000	0.0	0.0	0.0
				21.00000	84.00000	68.24000	0.0	0.0	0.0
				22.00000	84.00000	68.24000	0.0	0.0	0.0
				23.00000	84.00000	68.24000	0.0	0.0	0.0
				24.00000	84.00000	68.24000	0.0	0.0	0.0
				25.00000	84.00000	68.24000	0.0	0.0	0.0
				26.00000	84.00000	68.24000	0.0	0.0	0.0
				27.00000	84.00000	68.24000	0.0	0.0	0.0
				28.00000	84.00000	68.24000	0.0	0.0	0.0
				29.00000	84.00000	68.24000	0.0	0.0	0.0
				30.00000	84.00000	68.24000	0.0	0.0	0.0
				31.00000	84.00000	68.24000	0.0	0.0	0.0
				32.00000	84.00000	68.24000	0.0	0.0	0.0
				33.00000	84.00000	68.24000	0.0	0.0	0.0
				34.00000	84.00000	68.24000	0.0	0.0	0.0
				35.00000	84.00000	68.24000	0.0	0.0	0.0
				36.00000	84.00000	68.24000	0.0	0.0	0.0
				37.00000	84.00000	68.24000	0.0	0.0	0.0
				38.00000	84.00000	68.24000	0.0	0.0	0.0
				39.00000	84.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
40.00000		84.00000		68.24000			0.0	0.0	0.0
41.00000		84.00000		68.24000			0.0	0.0	0.0
42.00000		84.00000		68.24000			0.0	0.0	0.0
43.00000		84.00000		68.24000			0.0	0.0	0.0
44.00000		84.00000		68.24000			0.0	0.0	0.0
45.00000		84.00000		68.24000			0.0	0.0	0.0
46.00000		84.00000		68.24000			0.0	0.0	0.0
47.00000		84.00000		68.24000			0.0	0.0	0.0
48.00000		84.00000		68.24000			0.0	0.0	0.0
49.00000		84.00000		68.24000			0.0	0.0	0.0
50.00000		84.00000		68.24000			0.0	0.0	0.0
51.00000		84.00000		68.24000			0.0	0.0	0.0
52.00000		84.00000		68.24000			0.0	0.0	0.0
53.00000		84.00000		68.24000			0.0	0.0	0.0
54.00000		84.00000		68.24000			0.0	0.0	0.0
55.00000		84.00000		68.24000			0.0	0.0	0.0
56.00000		84.00000		68.24000			0.0	0.0	0.0
57.00000		84.00000		68.24000			0.0	0.0	0.0
58.00000		84.00000		68.24000			0.0	0.0	0.0
59.00000		84.00000		68.24000			0.0	0.0	0.0
60.00000		84.00000		68.24000			0.0	0.0	0.0
61.00000		84.00000		68.24000			0.0	0.0	0.0
62.00000		84.00000		68.24000			0.0	0.0	0.0
63.00000		84.00000		68.24000			0.0	0.0	0.0
64.00000		84.00000		68.24000			0.0	0.0	0.0
65.00000		84.00000		68.24000			0.0	0.0	0.0
66.00000		84.00000		68.24000			0.0	0.0	0.0
67.00000		84.00000		68.24000			0.0	0.0	0.0
68.00000		84.00000		68.24000			0.0	0.0	0.0
69.00000		84.00000		68.24000			0.0	0.0	0.0
70.00000		84.00000		68.24000			0.0	0.0	0.0
71.00000		84.00000		68.24000			0.0	0.0	0.0
72.00000		84.00000		68.24000			0.0	0.0	0.0
73.00000		84.00000		68.24000			0.0	0.0	0.0
74.00000		84.00000		68.24000			0.0	0.0	0.0
75.00000		84.00000		68.24000			0.0	0.0	0.0
76.00000		84.00000		68.24000			0.0	0.0	0.0
77.00000		84.00000		68.24000			0.0	0.0	0.0
78.00000		84.00000		68.24000			0.0	0.0	0.0
79.00000		84.00000		68.24000			0.0	0.0	0.0
80.00000		84.00000		68.24000			0.0	0.0	0.0
81.00000		84.00000		68.24000			0.0	0.0	0.0
82.00000		84.00000		68.24000			0.0	0.0	0.0
83.00000		84.00000		68.24000			0.0	0.0	0.0
84.00000		84.00000		68.24000			0.0	0.0	0.0
85.00000		84.00000		68.24000			0.0	0.0	0.0
86.00000		84.00000		68.24000			0.0	0.0	0.0
87.00000		84.00000		68.24000			0.0	0.0	0.0
88.00000		84.00000		68.24000			0.0	0.0	0.0
89.00000		84.00000		68.24000			0.0	0.0	0.0
90.00000		84.00000		68.24000			0.0	0.0	0.0
91.00000		84.00000		68.24000			0.0	0.0	0.0
92.00000		84.00000		68.24000			0.0	0.0	0.0
93.00000		84.00000		68.24000			0.0	0.0	0.0
94.00000		84.00000		68.24000			0.0	0.0	0.0
95.00000		84.00000		68.24000			0.0	0.0	0.0
96.00000		84.00000		68.24000			0.0	0.0	0.0
97.00000		84.00000		68.24000			0.0	0.0	0.0
98.00000		84.00000		68.24000			0.0	0.0	0.0
99.00000		84.00000		68.24000			0.0	0.0	0.0
100.00000		84.00000		68.24000			0.0	0.0	0.0
0.00000		85.00000		68.24000			0.0	0.0	0.0
1.00000		85.00000		68.24000			0.0	0.0	0.0
2.00000		85.00000		68.24000			0.0	0.0	0.0
3.00000		85.00000		68.24000			0.0	0.0	0.0
4.00000		85.00000		68.24000			0.0	0.0	0.0
5.00000		85.00000		68.24000			0.0	0.0	0.0
6.00000		85.00000		68.24000			0.0	0.0	0.0
7.00000		85.00000		68.24000			0.0	0.0	0.0
8.00000		85.00000		68.24000			0.0	0.0	0.0
9.00000		85.00000		68.24000			0.0	0.0	0.0
10.00000		85.00000		68.24000			0.0	0.0	0.0
11.00000		85.00000		68.24000			0.0	0.0	0.0
12.00000		85.00000		68.24000			0.0	0.0	0.0
13.00000		85.00000		68.24000			0.0	0.0	0.0
14.00000		85.00000		68.24000			0.0	0.0	0.0
15.00000		85.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				16.00000	85.00000	68.24000	0.0	0.0	0.0
				17.00000	85.00000	68.24000	0.0	0.0	0.0
				18.00000	85.00000	68.24000	0.0	0.0	0.0
				19.00000	85.00000	68.24000	0.0	0.0	0.0
				20.00000	85.00000	68.24000	0.0	0.0	0.0
				21.00000	85.00000	68.24000	0.0	0.0	0.0
				22.00000	85.00000	68.24000	0.0	0.0	0.0
				23.00000	85.00000	68.24000	0.0	0.0	0.0
				24.00000	85.00000	68.24000	0.0	0.0	0.0
				25.00000	85.00000	68.24000	0.0	0.0	0.0
				26.00000	85.00000	68.24000	0.0	0.0	0.0
				27.00000	85.00000	68.24000	0.0	0.0	0.0
				28.00000	85.00000	68.24000	0.0	0.0	0.0
				29.00000	85.00000	68.24000	0.0	0.0	0.0
				30.00000	85.00000	68.24000	0.0	0.0	0.0
				31.00000	85.00000	68.24000	0.0	0.0	0.0
				32.00000	85.00000	68.24000	0.0	0.0	0.0
				33.00000	85.00000	68.24000	0.0	0.0	0.0
				34.00000	85.00000	68.24000	0.0	0.0	0.0
				35.00000	85.00000	68.24000	0.0	0.0	0.0
				36.00000	85.00000	68.24000	0.0	0.0	0.0
				37.00000	85.00000	68.24000	0.0	0.0	0.0
				38.00000	85.00000	68.24000	0.0	0.0	0.0
				39.00000	85.00000	68.24000	0.0	0.0	0.0
				40.00000	85.00000	68.24000	0.0	0.0	0.0
				41.00000	85.00000	68.24000	0.0	0.0	0.0
				42.00000	85.00000	68.24000	0.0	0.0	0.0
				43.00000	85.00000	68.24000	0.0	0.0	0.0
				44.00000	85.00000	68.24000	0.0	0.0	0.0
				45.00000	85.00000	68.24000	0.0	0.0	0.0
				46.00000	85.00000	68.24000	0.0	0.0	0.0
				47.00000	85.00000	68.24000	0.0	0.0	0.0
				48.00000	85.00000	68.24000	0.0	0.0	0.0
				49.00000	85.00000	68.24000	0.0	0.0	0.0
				50.00000	85.00000	68.24000	0.0	0.0	0.0
				51.00000	85.00000	68.24000	0.0	0.0	0.0
				52.00000	85.00000	68.24000	0.0	0.0	0.0
				53.00000	85.00000	68.24000	0.0	0.0	0.0
				54.00000	85.00000	68.24000	0.0	0.0	0.0
				55.00000	85.00000	68.24000	0.0	0.0	0.0
				56.00000	85.00000	68.24000	0.0	0.0	0.0
				57.00000	85.00000	68.24000	0.0	0.0	0.0
				58.00000	85.00000	68.24000	0.0	0.0	0.0
				59.00000	85.00000	68.24000	0.0	0.0	0.0
				60.00000	85.00000	68.24000	0.0	0.0	0.0
				61.00000	85.00000	68.24000	0.0	0.0	0.0
				62.00000	85.00000	68.24000	0.0	0.0	0.0
				63.00000	85.00000	68.24000	0.0	0.0	0.0
				64.00000	85.00000	68.24000	0.0	0.0	0.0
				65.00000	85.00000	68.24000	0.0	0.0	0.0
				66.00000	85.00000	68.24000	0.0	0.0	0.0
				67.00000	85.00000	68.24000	0.0	0.0	0.0
				68.00000	85.00000	68.24000	0.0	0.0	0.0
				69.00000	85.00000	68.24000	0.0	0.0	0.0
				70.00000	85.00000	68.24000	0.0	0.0	0.0
				71.00000	85.00000	68.24000	0.0	0.0	0.0
				72.00000	85.00000	68.24000	0.0	0.0	0.0
				73.00000	85.00000	68.24000	0.0	0.0	0.0
				74.00000	85.00000	68.24000	0.0	0.0	0.0
				75.00000	85.00000	68.24000	0.0	0.0	0.0
				76.00000	85.00000	68.24000	0.0	0.0	0.0
				77.00000	85.00000	68.24000	0.0	0.0	0.0
				78.00000	85.00000	68.24000	0.0	0.0	0.0
				79.00000	85.00000	68.24000	0.0	0.0	0.0
				80.00000	85.00000	68.24000	0.0	0.0	0.0
				81.00000	85.00000	68.24000	0.0	0.0	0.0
				82.00000	85.00000	68.24000	0.0	0.0	0.0
				83.00000	85.00000	68.24000	0.0	0.0	0.0
				84.00000	85.00000	68.24000	0.0	0.0	0.0
				85.00000	85.00000	68.24000	0.0	0.0	0.0
				86.00000	85.00000	68.24000	0.0	0.0	0.0
				87.00000	85.00000	68.24000	0.0	0.0	0.0
				88.00000	85.00000	68.24000	0.0	0.0	0.0
				89.00000	85.00000	68.24000	0.0	0.0	0.0
				90.00000	85.00000	68.24000	0.0	0.0	0.0
				91.00000	85.00000	68.24000	0.0	0.0	0.0
				92.00000	85.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				93.00000	85.00000	68.24000	0.0	0.0	0.0
				94.00000	85.00000	68.24000	0.0	0.0	0.0
				95.00000	85.00000	68.24000	0.0	0.0	0.0
				96.00000	85.00000	68.24000	0.0	0.0	0.0
				97.00000	85.00000	68.24000	0.0	0.0	0.0
				98.00000	85.00000	68.24000	0.0	0.0	0.0
				99.00000	85.00000	68.24000	0.0	0.0	0.0
				100.00000	85.00000	68.24000	0.0	0.0	0.0
				0.00000	86.00000	68.24000	0.0	0.0	0.0
				1.00000	86.00000	68.24000	0.0	0.0	0.0
				2.00000	86.00000	68.24000	0.0	0.0	0.0
				3.00000	86.00000	68.24000	0.0	0.0	0.0
				4.00000	86.00000	68.24000	0.0	0.0	0.0
				5.00000	86.00000	68.24000	0.0	0.0	0.0
				6.00000	86.00000	68.24000	0.0	0.0	0.0
				7.00000	86.00000	68.24000	0.0	0.0	0.0
				8.00000	86.00000	68.24000	0.0	0.0	0.0
				9.00000	86.00000	68.24000	0.0	0.0	0.0
				10.00000	86.00000	68.24000	0.0	0.0	0.0
				11.00000	86.00000	68.24000	0.0	0.0	0.0
				12.00000	86.00000	68.24000	0.0	0.0	0.0
				13.00000	86.00000	68.24000	0.0	0.0	0.0
				14.00000	86.00000	68.24000	0.0	0.0	0.0
				15.00000	86.00000	68.24000	0.0	0.0	0.0
				16.00000	86.00000	68.24000	0.0	0.0	0.0
				17.00000	86.00000	68.24000	0.0	0.0	0.0
				18.00000	86.00000	68.24000	0.0	0.0	0.0
				19.00000	86.00000	68.24000	0.0	0.0	0.0
				20.00000	86.00000	68.24000	0.0	0.0	0.0
				21.00000	86.00000	68.24000	0.0	0.0	0.0
				22.00000	86.00000	68.24000	0.0	0.0	0.0
				23.00000	86.00000	68.24000	0.0	0.0	0.0
				24.00000	86.00000	68.24000	0.0	0.0	0.0
				25.00000	86.00000	68.24000	0.0	0.0	0.0
				26.00000	86.00000	68.24000	0.0	0.0	0.0
				27.00000	86.00000	68.24000	0.0	0.0	0.0
				28.00000	86.00000	68.24000	0.0	0.0	0.0
				29.00000	86.00000	68.24000	0.0	0.0	0.0
				30.00000	86.00000	68.24000	0.0	0.0	0.0
				31.00000	86.00000	68.24000	0.0	0.0	0.0
				32.00000	86.00000	68.24000	0.0	0.0	0.0
				33.00000	86.00000	68.24000	0.0	0.0	0.0
				34.00000	86.00000	68.24000	0.0	0.0	0.0
				35.00000	86.00000	68.24000	0.0	0.0	0.0
				36.00000	86.00000	68.24000	0.0	0.0	0.0
				37.00000	86.00000	68.24000	0.0	0.0	0.0
				38.00000	86.00000	68.24000	0.0	0.0	0.0
				39.00000	86.00000	68.24000	0.0	0.0	0.0
				40.00000	86.00000	68.24000	0.0	0.0	0.0
				41.00000	86.00000	68.24000	0.0	0.0	0.0
				42.00000	86.00000	68.24000	0.0	0.0	0.0
				43.00000	86.00000	68.24000	0.0	0.0	0.0
				44.00000	86.00000	68.24000	0.0	0.0	0.0
				45.00000	86.00000	68.24000	0.0	0.0	0.0
				46.00000	86.00000	68.24000	0.0	0.0	0.0
				47.00000	86.00000	68.24000	0.0	0.0	0.0
				48.00000	86.00000	68.24000	0.0	0.0	0.0
				49.00000	86.00000	68.24000	0.0	0.0	0.0
				50.00000	86.00000	68.24000	0.0	0.0	0.0
				51.00000	86.00000	68.24000	0.0	0.0	0.0
				52.00000	86.00000	68.24000	0.0	0.0	0.0
				53.00000	86.00000	68.24000	0.0	0.0	0.0
				54.00000	86.00000	68.24000	0.0	0.0	0.0
				55.00000	86.00000	68.24000	0.0	0.0	0.0
				56.00000	86.00000	68.24000	0.0	0.0	0.0
				57.00000	86.00000	68.24000	0.0	0.0	0.0
				58.00000	86.00000	68.24000	0.0	0.0	0.0
				59.00000	86.00000	68.24000	0.0	0.0	0.0
				60.00000	86.00000	68.24000	0.0	0.0	0.0
				61.00000	86.00000	68.24000	0.0	0.0	0.0
				62.00000	86.00000	68.24000	0.0	0.0	0.0
				63.00000	86.00000	68.24000	0.0	0.0	0.0
				64.00000	86.00000	68.24000	0.0	0.0	0.0
				65.00000	86.00000	68.24000	0.0	0.0	0.0
				66.00000	86.00000	68.24000	0.0	0.0	0.0
				67.00000	86.00000	68.24000	0.0	0.0	0.0
				68.00000	86.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
Drg. Ref.		
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		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				69.00000	86.00000	68.24000	0.0	0.0	0.0
				70.00000	86.00000	68.24000	0.0	0.0	0.0
				71.00000	86.00000	68.24000	0.0	0.0	0.0
				72.00000	86.00000	68.24000	0.0	0.0	0.0
				73.00000	86.00000	68.24000	0.0	0.0	0.0
				74.00000	86.00000	68.24000	0.0	0.0	0.0
				75.00000	86.00000	68.24000	0.0	0.0	0.0
				76.00000	86.00000	68.24000	0.0	0.0	0.0
				77.00000	86.00000	68.24000	0.0	0.0	0.0
				78.00000	86.00000	68.24000	0.0	0.0	0.0
				79.00000	86.00000	68.24000	0.0	0.0	0.0
				80.00000	86.00000	68.24000	0.0	0.0	0.0
				81.00000	86.00000	68.24000	0.0	0.0	0.0
				82.00000	86.00000	68.24000	0.0	0.0	0.0
				83.00000	86.00000	68.24000	0.0	0.0	0.0
				84.00000	86.00000	68.24000	0.0	0.0	0.0
				85.00000	86.00000	68.24000	0.0	0.0	0.0
				86.00000	86.00000	68.24000	0.0	0.0	0.0
				87.00000	86.00000	68.24000	0.0	0.0	0.0
				88.00000	86.00000	68.24000	0.0	0.0	0.0
				89.00000	86.00000	68.24000	0.0	0.0	0.0
				90.00000	86.00000	68.24000	0.0	0.0	0.0
				91.00000	86.00000	68.24000	0.0	0.0	0.0
				92.00000	86.00000	68.24000	0.0	0.0	0.0
				93.00000	86.00000	68.24000	0.0	0.0	0.0
				94.00000	86.00000	68.24000	0.0	0.0	0.0
				95.00000	86.00000	68.24000	0.0	0.0	0.0
				96.00000	86.00000	68.24000	0.0	0.0	0.0
				97.00000	86.00000	68.24000	0.0	0.0	0.0
				98.00000	86.00000	68.24000	0.0	0.0	0.0
				99.00000	86.00000	68.24000	0.0	0.0	0.0
				100.00000	86.00000	68.24000	0.0	0.0	0.0
				0.00000	87.00000	68.24000	0.0	0.0	0.0
				1.00000	87.00000	68.24000	0.0	0.0	0.0
				2.00000	87.00000	68.24000	0.0	0.0	0.0
				3.00000	87.00000	68.24000	0.0	0.0	0.0
				4.00000	87.00000	68.24000	0.0	0.0	0.0
				5.00000	87.00000	68.24000	0.0	0.0	0.0
				6.00000	87.00000	68.24000	0.0	0.0	0.0
				7.00000	87.00000	68.24000	0.0	0.0	0.0
				8.00000	87.00000	68.24000	0.0	0.0	0.0
				9.00000	87.00000	68.24000	0.0	0.0	0.0
				10.00000	87.00000	68.24000	0.0	0.0	0.0
				11.00000	87.00000	68.24000	0.0	0.0	0.0
				12.00000	87.00000	68.24000	0.0	0.0	0.0
				13.00000	87.00000	68.24000	0.0	0.0	0.0
				14.00000	87.00000	68.24000	0.0	0.0	0.0
				15.00000	87.00000	68.24000	0.0	0.0	0.0
				16.00000	87.00000	68.24000	0.0	0.0	0.0
				17.00000	87.00000	68.24000	0.0	0.0	0.0
				18.00000	87.00000	68.24000	0.0	0.0	0.0
				19.00000	87.00000	68.24000	0.0	0.0	0.0
				20.00000	87.00000	68.24000	0.0	0.0	0.0
				21.00000	87.00000	68.24000	0.0	0.0	0.0
				22.00000	87.00000	68.24000	0.0	0.0	0.0
				23.00000	87.00000	68.24000	0.0	0.0	0.0
				24.00000	87.00000	68.24000	0.0	0.0	0.0
				25.00000	87.00000	68.24000	0.0	0.0	0.0
				26.00000	87.00000	68.24000	0.0	0.0	0.0
				27.00000	87.00000	68.24000	0.0	0.0	0.0
				28.00000	87.00000	68.24000	0.0	0.0	0.0
				29.00000	87.00000	68.24000	0.0	0.0	0.0
				30.00000	87.00000	68.24000	0.0	0.0	0.0
				31.00000	87.00000	68.24000	0.0	0.0	0.0
				32.00000	87.00000	68.24000	0.0	0.0	0.0
				33.00000	87.00000	68.24000	0.0	0.0	0.0
				34.00000	87.00000	68.24000	0.0	0.0	0.0
				35.00000	87.00000	68.24000	0.0	0.0	0.0
				36.00000	87.00000	68.24000	0.0	0.0	0.0
				37.00000	87.00000	68.24000	0.0	0.0	0.0
				38.00000	87.00000	68.24000	0.0	0.0	0.0
				39.00000	87.00000	68.24000	0.0	0.0	0.0
				40.00000	87.00000	68.24000	0.0	0.0	0.0
				41.00000	87.00000	68.24000	0.0	0.0	0.0
				42.00000	87.00000	68.24000	0.0	0.0	0.0
				43.00000	87.00000	68.24000	0.0	0.0	0.0
				44.00000	87.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				45.00000	87.00000	68.24000	0.0	0.0	0.0
				46.00000	87.00000	68.24000	0.0	0.0	0.0
				47.00000	87.00000	68.24000	0.0	0.0	0.0
				48.00000	87.00000	68.24000	0.0	0.0	0.0
				49.00000	87.00000	68.24000	0.0	0.0	0.0
				50.00000	87.00000	68.24000	0.0	0.0	0.0
				51.00000	87.00000	68.24000	0.0	0.0	0.0
				52.00000	87.00000	68.24000	0.0	0.0	0.0
				53.00000	87.00000	68.24000	0.0	0.0	0.0
				54.00000	87.00000	68.24000	0.0	0.0	0.0
				55.00000	87.00000	68.24000	0.0	0.0	0.0
				56.00000	87.00000	68.24000	0.0	0.0	0.0
				57.00000	87.00000	68.24000	0.0	0.0	0.0
				58.00000	87.00000	68.24000	0.0	0.0	0.0
				59.00000	87.00000	68.24000	0.0	0.0	0.0
				60.00000	87.00000	68.24000	0.0	0.0	0.0
				61.00000	87.00000	68.24000	0.0	0.0	0.0
				62.00000	87.00000	68.24000	0.0	0.0	0.0
				63.00000	87.00000	68.24000	0.0	0.0	0.0
				64.00000	87.00000	68.24000	0.0	0.0	0.0
				65.00000	87.00000	68.24000	0.0	0.0	0.0
				66.00000	87.00000	68.24000	0.0	0.0	0.0
				67.00000	87.00000	68.24000	0.0	0.0	0.0
				68.00000	87.00000	68.24000	0.0	0.0	0.0
				69.00000	87.00000	68.24000	0.0	0.0	0.0
				70.00000	87.00000	68.24000	0.0	0.0	0.0
				71.00000	87.00000	68.24000	0.0	0.0	0.0
				72.00000	87.00000	68.24000	0.0	0.0	0.0
				73.00000	87.00000	68.24000	0.0	0.0	0.0
				74.00000	87.00000	68.24000	0.0	0.0	0.0
				75.00000	87.00000	68.24000	0.0	0.0	0.0
				76.00000	87.00000	68.24000	0.0	0.0	0.0
				77.00000	87.00000	68.24000	0.0	0.0	0.0
				78.00000	87.00000	68.24000	0.0	0.0	0.0
				79.00000	87.00000	68.24000	0.0	0.0	0.0
				80.00000	87.00000	68.24000	0.0	0.0	0.0
				81.00000	87.00000	68.24000	0.0	0.0	0.0
				82.00000	87.00000	68.24000	0.0	0.0	0.0
				83.00000	87.00000	68.24000	0.0	0.0	0.0
				84.00000	87.00000	68.24000	0.0	0.0	0.0
				85.00000	87.00000	68.24000	0.0	0.0	0.0
				86.00000	87.00000	68.24000	0.0	0.0	0.0
				87.00000	87.00000	68.24000	0.0	0.0	0.0
				88.00000	87.00000	68.24000	0.0	0.0	0.0
				89.00000	87.00000	68.24000	0.0	0.0	0.0
				90.00000	87.00000	68.24000	0.0	0.0	0.0
				91.00000	87.00000	68.24000	0.0	0.0	0.0
				92.00000	87.00000	68.24000	0.0	0.0	0.0
				93.00000	87.00000	68.24000	0.0	0.0	0.0
				94.00000	87.00000	68.24000	0.0	0.0	0.0
				95.00000	87.00000	68.24000	0.0	0.0	0.0
				96.00000	87.00000	68.24000	0.0	0.0	0.0
				97.00000	87.00000	68.24000	0.0	0.0	0.0
				98.00000	87.00000	68.24000	0.0	0.0	0.0
				99.00000	87.00000	68.24000	0.0	0.0	0.0
				100.00000	87.00000	68.24000	0.0	0.0	0.0
				0.00000	88.00000	68.24000	0.0	0.0	0.0
				1.00000	88.00000	68.24000	0.0	0.0	0.0
				2.00000	88.00000	68.24000	0.0	0.0	0.0
				3.00000	88.00000	68.24000	0.0	0.0	0.0
				4.00000	88.00000	68.24000	0.0	0.0	0.0
				5.00000	88.00000	68.24000	0.0	0.0	0.0
				6.00000	88.00000	68.24000	0.0	0.0	0.0
				7.00000	88.00000	68.24000	0.0	0.0	0.0
				8.00000	88.00000	68.24000	0.0	0.0	0.0
				9.00000	88.00000	68.24000	0.0	0.0	0.0
				10.00000	88.00000	68.24000	0.0	0.0	0.0
				11.00000	88.00000	68.24000	0.0	0.0	0.0
				12.00000	88.00000	68.24000	0.0	0.0	0.0
				13.00000	88.00000	68.24000	0.0	0.0	0.0
				14.00000	88.00000	68.24000	0.0	0.0	0.0
				15.00000	88.00000	68.24000	0.0	0.0	0.0
				16.00000	88.00000	68.24000	0.0	0.0	0.0
				17.00000	88.00000	68.24000	0.0	0.0	0.0
				18.00000	88.00000	68.24000	0.0	0.0	0.0
				19.00000	88.00000	68.24000	0.0	0.0	0.0
				20.00000	88.00000	68.24000	0.0	0.0	0.0



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Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				21.00000	88.00000	68.24000	0.0	0.0	0.0
				22.00000	88.00000	68.24000	0.0	0.0	0.0
				23.00000	88.00000	68.24000	0.0	0.0	0.0
				24.00000	88.00000	68.24000	0.0	0.0	0.0
				25.00000	88.00000	68.24000	0.0	0.0	0.0
				26.00000	88.00000	68.24000	0.0	0.0	0.0
				27.00000	88.00000	68.24000	0.0	0.0	0.0
				28.00000	88.00000	68.24000	0.0	0.0	0.0
				29.00000	88.00000	68.24000	0.0	0.0	0.0
				30.00000	88.00000	68.24000	0.0	0.0	0.0
				31.00000	88.00000	68.24000	0.0	0.0	0.0
				32.00000	88.00000	68.24000	0.0	0.0	0.0
				33.00000	88.00000	68.24000	0.0	0.0	0.0
				34.00000	88.00000	68.24000	0.0	0.0	0.0
				35.00000	88.00000	68.24000	0.0	0.0	0.0
				36.00000	88.00000	68.24000	0.0	0.0	0.0
				37.00000	88.00000	68.24000	0.0	0.0	0.0
				38.00000	88.00000	68.24000	0.0	0.0	0.0
				39.00000	88.00000	68.24000	0.0	0.0	0.0
				40.00000	88.00000	68.24000	0.0	0.0	0.0
				41.00000	88.00000	68.24000	0.0	0.0	0.0
				42.00000	88.00000	68.24000	0.0	0.0	0.0
				43.00000	88.00000	68.24000	0.0	0.0	0.0
				44.00000	88.00000	68.24000	0.0	0.0	0.0
				45.00000	88.00000	68.24000	0.0	0.0	0.0
				46.00000	88.00000	68.24000	0.0	0.0	0.0
				47.00000	88.00000	68.24000	0.0	0.0	0.0
				48.00000	88.00000	68.24000	0.0	0.0	0.0
				49.00000	88.00000	68.24000	0.0	0.0	0.0
				50.00000	88.00000	68.24000	0.0	0.0	0.0
				51.00000	88.00000	68.24000	0.0	0.0	0.0
				52.00000	88.00000	68.24000	0.0	0.0	0.0
				53.00000	88.00000	68.24000	0.0	0.0	0.0
				54.00000	88.00000	68.24000	0.0	0.0	0.0
				55.00000	88.00000	68.24000	0.0	0.0	0.0
				56.00000	88.00000	68.24000	0.0	0.0	0.0
				57.00000	88.00000	68.24000	0.0	0.0	0.0
				58.00000	88.00000	68.24000	0.0	0.0	0.0
				59.00000	88.00000	68.24000	0.0	0.0	0.0
				60.00000	88.00000	68.24000	0.0	0.0	0.0
				61.00000	88.00000	68.24000	0.0	0.0	0.0
				62.00000	88.00000	68.24000	0.0	0.0	0.0
				63.00000	88.00000	68.24000	0.0	0.0	0.0
				64.00000	88.00000	68.24000	0.0	0.0	0.0
				65.00000	88.00000	68.24000	0.0	0.0	0.0
				66.00000	88.00000	68.24000	0.0	0.0	0.0
				67.00000	88.00000	68.24000	0.0	0.0	0.0
				68.00000	88.00000	68.24000	0.0	0.0	0.0
				69.00000	88.00000	68.24000	0.0	0.0	0.0
				70.00000	88.00000	68.24000	0.0	0.0	0.0
				71.00000	88.00000	68.24000	0.0	0.0	0.0
				72.00000	88.00000	68.24000	0.0	0.0	0.0
				73.00000	88.00000	68.24000	0.0	0.0	0.0
				74.00000	88.00000	68.24000	0.0	0.0	0.0
				75.00000	88.00000	68.24000	0.0	0.0	0.0
				76.00000	88.00000	68.24000	0.0	0.0	0.0
				77.00000	88.00000	68.24000	0.0	0.0	0.0
				78.00000	88.00000	68.24000	0.0	0.0	0.0
				79.00000	88.00000	68.24000	0.0	0.0	0.0
				80.00000	88.00000	68.24000	0.0	0.0	0.0
				81.00000	88.00000	68.24000	0.0	0.0	0.0
				82.00000	88.00000	68.24000	0.0	0.0	0.0
				83.00000	88.00000	68.24000	0.0	0.0	0.0
				84.00000	88.00000	68.24000	0.0	0.0	0.0
				85.00000	88.00000	68.24000	0.0	0.0	0.0
				86.00000	88.00000	68.24000	0.0	0.0	0.0
				87.00000	88.00000	68.24000	0.0	0.0	0.0
				88.00000	88.00000	68.24000	0.0	0.0	0.0
				89.00000	88.00000	68.24000	0.0	0.0	0.0
				90.00000	88.00000	68.24000	0.0	0.0	0.0
				91.00000	88.00000	68.24000	0.0	0.0	0.0
				92.00000	88.00000	68.24000	0.0	0.0	0.0
				93.00000	88.00000	68.24000	0.0	0.0	0.0
				94.00000	88.00000	68.24000	0.0	0.0	0.0
				95.00000	88.00000	68.24000	0.0	0.0	0.0
				96.00000	88.00000	68.24000	0.0	0.0	0.0
				97.00000	88.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
98.00000		88.00000		68.24000			0.0	0.0	0.0
99.00000		88.00000		68.24000			0.0	0.0	0.0
100.00000		88.00000		68.24000			0.0	0.0	0.0
0.00000		89.00000		68.24000			0.0	0.0	0.0
1.00000		89.00000		68.24000			0.0	0.0	0.0
2.00000		89.00000		68.24000			0.0	0.0	0.0
3.00000		89.00000		68.24000			0.0	0.0	0.0
4.00000		89.00000		68.24000			0.0	0.0	0.0
5.00000		89.00000		68.24000			0.0	0.0	0.0
6.00000		89.00000		68.24000			0.0	0.0	0.0
7.00000		89.00000		68.24000			0.0	0.0	0.0
8.00000		89.00000		68.24000			0.0	0.0	0.0
9.00000		89.00000		68.24000			0.0	0.0	0.0
10.00000		89.00000		68.24000			0.0	0.0	0.0
11.00000		89.00000		68.24000			0.0	0.0	0.0
12.00000		89.00000		68.24000			0.0	0.0	0.0
13.00000		89.00000		68.24000			0.0	0.0	0.0
14.00000		89.00000		68.24000			0.0	0.0	0.0
15.00000		89.00000		68.24000			0.0	0.0	0.0
16.00000		89.00000		68.24000			0.0	0.0	0.0
17.00000		89.00000		68.24000			0.0	0.0	0.0
18.00000		89.00000		68.24000			0.0	0.0	0.0
19.00000		89.00000		68.24000			0.0	0.0	0.0
20.00000		89.00000		68.24000			0.0	0.0	0.0
21.00000		89.00000		68.24000			0.0	0.0	0.0
22.00000		89.00000		68.24000			0.0	0.0	0.0
23.00000		89.00000		68.24000			0.0	0.0	0.0
24.00000		89.00000		68.24000			0.0	0.0	0.0
25.00000		89.00000		68.24000			0.0	0.0	0.0
26.00000		89.00000		68.24000			0.0	0.0	0.0
27.00000		89.00000		68.24000			0.0	0.0	0.0
28.00000		89.00000		68.24000			0.0	0.0	0.0
29.00000		89.00000		68.24000			0.0	0.0	0.0
30.00000		89.00000		68.24000			0.0	0.0	0.0
31.00000		89.00000		68.24000			0.0	0.0	0.0
32.00000		89.00000		68.24000			0.0	0.0	0.0
33.00000		89.00000		68.24000			0.0	0.0	0.0
34.00000		89.00000		68.24000			0.0	0.0	0.0
35.00000		89.00000		68.24000			0.0	0.0	0.0
36.00000		89.00000		68.24000			0.0	0.0	0.0
37.00000		89.00000		68.24000			0.0	0.0	0.0
38.00000		89.00000		68.24000			0.0	0.0	0.0
39.00000		89.00000		68.24000			0.0	0.0	0.0
40.00000		89.00000		68.24000			0.0	0.0	0.0
41.00000		89.00000		68.24000			0.0	0.0	0.0
42.00000		89.00000		68.24000			0.0	0.0	0.0
43.00000		89.00000		68.24000			0.0	0.0	0.0
44.00000		89.00000		68.24000			0.0	0.0	0.0
45.00000		89.00000		68.24000			0.0	0.0	0.0
46.00000		89.00000		68.24000			0.0	0.0	0.0
47.00000		89.00000		68.24000			0.0	0.0	0.0
48.00000		89.00000		68.24000			0.0	0.0	0.0
49.00000		89.00000		68.24000			0.0	0.0	0.0
50.00000		89.00000		68.24000			0.0	0.0	0.0
51.00000		89.00000		68.24000			0.0	0.0	0.0
52.00000		89.00000		68.24000			0.0	0.0	0.0
53.00000		89.00000		68.24000			0.0	0.0	0.0
54.00000		89.00000		68.24000			0.0	0.0	0.0
55.00000		89.00000		68.24000			0.0	0.0	0.0
56.00000		89.00000		68.24000			0.0	0.0	0.0
57.00000		89.00000		68.24000			0.0	0.0	0.0
58.00000		89.00000		68.24000			0.0	0.0	0.0
59.00000		89.00000		68.24000			0.0	0.0	0.0
60.00000		89.00000		68.24000			0.0	0.0	0.0
61.00000		89.00000		68.24000			0.0	0.0	0.0
62.00000		89.00000		68.24000			0.0	0.0	0.0
63.00000		89.00000		68.24000			0.0	0.0	0.0
64.00000		89.00000		68.24000			0.0	0.0	0.0
65.00000		89.00000		68.24000			0.0	0.0	0.0
66.00000		89.00000		68.24000			0.0	0.0	0.0
67.00000		89.00000		68.24000			0.0	0.0	0.0
68.00000		89.00000		68.24000			0.0	0.0	0.0
69.00000		89.00000		68.24000			0.0	0.0	0.0
70.00000		89.00000		68.24000			0.0	0.0	0.0
71.00000		89.00000		68.24000			0.0	0.0	0.0
72.00000		89.00000		68.24000			0.0	0.0	0.0
73.00000		89.00000		68.24000			0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				74.00000	89.00000	68.24000	0.0	0.0	0.0
				75.00000	89.00000	68.24000	0.0	0.0	0.0
				76.00000	89.00000	68.24000	0.0	0.0	0.0
				77.00000	89.00000	68.24000	0.0	0.0	0.0
				78.00000	89.00000	68.24000	0.0	0.0	0.0
				79.00000	89.00000	68.24000	0.0	0.0	0.0
				80.00000	89.00000	68.24000	0.0	0.0	0.0
				81.00000	89.00000	68.24000	0.0	0.0	0.0
				82.00000	89.00000	68.24000	0.0	0.0	0.0
				83.00000	89.00000	68.24000	0.0	0.0	0.0
				84.00000	89.00000	68.24000	0.0	0.0	0.0
				85.00000	89.00000	68.24000	0.0	0.0	0.0
				86.00000	89.00000	68.24000	0.0	0.0	0.0
				87.00000	89.00000	68.24000	0.0	0.0	0.0
				88.00000	89.00000	68.24000	0.0	0.0	0.0
				89.00000	89.00000	68.24000	0.0	0.0	0.0
				90.00000	89.00000	68.24000	0.0	0.0	0.0
				91.00000	89.00000	68.24000	0.0	0.0	0.0
				92.00000	89.00000	68.24000	0.0	0.0	0.0
				93.00000	89.00000	68.24000	0.0	0.0	0.0
				94.00000	89.00000	68.24000	0.0	0.0	0.0
				95.00000	89.00000	68.24000	0.0	0.0	0.0
				96.00000	89.00000	68.24000	0.0	0.0	0.0
				97.00000	89.00000	68.24000	0.0	0.0	0.0
				98.00000	89.00000	68.24000	0.0	0.0	0.0
				99.00000	89.00000	68.24000	0.0	0.0	0.0
				100.00000	89.00000	68.24000	0.0	0.0	0.0
				0.00000	90.00000	68.24000	0.0	0.0	0.0
				1.00000	90.00000	68.24000	0.0	0.0	0.0
				2.00000	90.00000	68.24000	0.0	0.0	0.0
				3.00000	90.00000	68.24000	0.0	0.0	0.0
				4.00000	90.00000	68.24000	0.0	0.0	0.0
				5.00000	90.00000	68.24000	0.0	0.0	0.0
				6.00000	90.00000	68.24000	0.0	0.0	0.0
				7.00000	90.00000	68.24000	0.0	0.0	0.0
				8.00000	90.00000	68.24000	0.0	0.0	0.0
				9.00000	90.00000	68.24000	0.0	0.0	0.0
				10.00000	90.00000	68.24000	0.0	0.0	0.0
				11.00000	90.00000	68.24000	0.0	0.0	0.0
				12.00000	90.00000	68.24000	0.0	0.0	0.0
				13.00000	90.00000	68.24000	0.0	0.0	0.0
				14.00000	90.00000	68.24000	0.0	0.0	0.0
				15.00000	90.00000	68.24000	0.0	0.0	0.0
				16.00000	90.00000	68.24000	0.0	0.0	0.0
				17.00000	90.00000	68.24000	0.0	0.0	0.0
				18.00000	90.00000	68.24000	0.0	0.0	0.0
				19.00000	90.00000	68.24000	0.0	0.0	0.0
				20.00000	90.00000	68.24000	0.0	0.0	0.0
				21.00000	90.00000	68.24000	0.0	0.0	0.0
				22.00000	90.00000	68.24000	0.0	0.0	0.0
				23.00000	90.00000	68.24000	0.0	0.0	0.0
				24.00000	90.00000	68.24000	0.0	0.0	0.0
				25.00000	90.00000	68.24000	0.0	0.0	0.0
				26.00000	90.00000	68.24000	0.0	0.0	0.0
				27.00000	90.00000	68.24000	0.0	0.0	0.0
				28.00000	90.00000	68.24000	0.0	0.0	0.0
				29.00000	90.00000	68.24000	0.0	0.0	0.0
				30.00000	90.00000	68.24000	0.0	0.0	0.0
				31.00000	90.00000	68.24000	0.0	0.0	0.0
				32.00000	90.00000	68.24000	0.0	0.0	0.0
				33.00000	90.00000	68.24000	0.0	0.0	0.0
				34.00000	90.00000	68.24000	0.0	0.0	0.0
				35.00000	90.00000	68.24000	0.0	0.0	0.0
				36.00000	90.00000	68.24000	0.0	0.0	0.0
				37.00000	90.00000	68.24000	0.0	0.0	0.0
				38.00000	90.00000	68.24000	0.0	0.0	0.0
				39.00000	90.00000	68.24000	0.0	0.0	0.0
				40.00000	90.00000	68.24000	0.0	0.0	0.0
				41.00000	90.00000	68.24000	0.0	0.0	0.0
				42.00000	90.00000	68.24000	0.0	0.0	0.0
				43.00000	90.00000	68.24000	0.0	0.0	0.0
				44.00000	90.00000	68.24000	0.0	0.0	0.0
				45.00000	90.00000	68.24000	0.0	0.0	0.0
				46.00000	90.00000	68.24000	0.0	0.0	0.0
				47.00000	90.00000	68.24000	0.0	0.0	0.0
				48.00000	90.00000	68.24000	0.0	0.0	0.0
				49.00000	90.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				50.00000	90.00000	68.24000	0.0	0.0	0.0
				51.00000	90.00000	68.24000	0.0	0.0	0.0
				52.00000	90.00000	68.24000	0.0	0.0	0.0
				53.00000	90.00000	68.24000	0.0	0.0	0.0
				54.00000	90.00000	68.24000	0.0	0.0	0.0
				55.00000	90.00000	68.24000	0.0	0.0	0.0
				56.00000	90.00000	68.24000	0.0	0.0	0.0
				57.00000	90.00000	68.24000	0.0	0.0	0.0
				58.00000	90.00000	68.24000	0.0	0.0	0.0
				59.00000	90.00000	68.24000	0.0	0.0	0.0
				60.00000	90.00000	68.24000	0.0	0.0	0.0
				61.00000	90.00000	68.24000	0.0	0.0	0.0
				62.00000	90.00000	68.24000	0.0	0.0	0.0
				63.00000	90.00000	68.24000	0.0	0.0	0.0
				64.00000	90.00000	68.24000	0.0	0.0	0.0
				65.00000	90.00000	68.24000	0.0	0.0	0.0
				66.00000	90.00000	68.24000	0.0	0.0	0.0
				67.00000	90.00000	68.24000	0.0	0.0	0.0
				68.00000	90.00000	68.24000	0.0	0.0	0.0
				69.00000	90.00000	68.24000	0.0	0.0	0.0
				70.00000	90.00000	68.24000	0.0	0.0	0.0
				71.00000	90.00000	68.24000	0.0	0.0	0.0
				72.00000	90.00000	68.24000	0.0	0.0	0.0
				73.00000	90.00000	68.24000	0.0	0.0	0.0
				74.00000	90.00000	68.24000	0.0	0.0	0.0
				75.00000	90.00000	68.24000	0.0	0.0	0.0
				76.00000	90.00000	68.24000	0.0	0.0	0.0
				77.00000	90.00000	68.24000	0.0	0.0	0.0
				78.00000	90.00000	68.24000	0.0	0.0	0.0
				79.00000	90.00000	68.24000	0.0	0.0	0.0
				80.00000	90.00000	68.24000	0.0	0.0	0.0
				81.00000	90.00000	68.24000	0.0	0.0	0.0
				82.00000	90.00000	68.24000	0.0	0.0	0.0
				83.00000	90.00000	68.24000	0.0	0.0	0.0
				84.00000	90.00000	68.24000	0.0	0.0	0.0
				85.00000	90.00000	68.24000	0.0	0.0	0.0
				86.00000	90.00000	68.24000	0.0	0.0	0.0
				87.00000	90.00000	68.24000	0.0	0.0	0.0
				88.00000	90.00000	68.24000	0.0	0.0	0.0
				89.00000	90.00000	68.24000	0.0	0.0	0.0
				90.00000	90.00000	68.24000	0.0	0.0	0.0
				91.00000	90.00000	68.24000	0.0	0.0	0.0
				92.00000	90.00000	68.24000	0.0	0.0	0.0
				93.00000	90.00000	68.24000	0.0	0.0	0.0
				94.00000	90.00000	68.24000	0.0	0.0	0.0
				95.00000	90.00000	68.24000	0.0	0.0	0.0
				96.00000	90.00000	68.24000	0.0	0.0	0.0
				97.00000	90.00000	68.24000	0.0	0.0	0.0
				98.00000	90.00000	68.24000	0.0	0.0	0.0
				99.00000	90.00000	68.24000	0.0	0.0	0.0
				100.00000	90.00000	68.24000	0.0	0.0	0.0
				0.00000	91.00000	68.24000	0.0	0.0	0.0
				1.00000	91.00000	68.24000	0.0	0.0	0.0
				2.00000	91.00000	68.24000	0.0	0.0	0.0
				3.00000	91.00000	68.24000	0.0	0.0	0.0
				4.00000	91.00000	68.24000	0.0	0.0	0.0
				5.00000	91.00000	68.24000	0.0	0.0	0.0
				6.00000	91.00000	68.24000	0.0	0.0	0.0
				7.00000	91.00000	68.24000	0.0	0.0	0.0
				8.00000	91.00000	68.24000	0.0	0.0	0.0
				9.00000	91.00000	68.24000	0.0	0.0	0.0
				10.00000	91.00000	68.24000	0.0	0.0	0.0
				11.00000	91.00000	68.24000	0.0	0.0	0.0
				12.00000	91.00000	68.24000	0.0	0.0	0.0
				13.00000	91.00000	68.24000	0.0	0.0	0.0
				14.00000	91.00000	68.24000	0.0	0.0	0.0
				15.00000	91.00000	68.24000	0.0	0.0	0.0
				16.00000	91.00000	68.24000	0.0	0.0	0.0
				17.00000	91.00000	68.24000	0.0	0.0	0.0
				18.00000	91.00000	68.24000	0.0	0.0	0.0
				19.00000	91.00000	68.24000	0.0	0.0	0.0
				20.00000	91.00000	68.24000	0.0	0.0	0.0
				21.00000	91.00000	68.24000	0.0	0.0	0.0
				22.00000	91.00000	68.24000	0.0	0.0	0.0
				23.00000	91.00000	68.24000	0.0	0.0	0.0
				24.00000	91.00000	68.24000	0.0	0.0	0.0
				25.00000	91.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				26.00000	91.00000	68.24000	0.0	0.0	0.0
				27.00000	91.00000	68.24000	0.0	0.0	0.0
				28.00000	91.00000	68.24000	0.0	0.0	0.0
				29.00000	91.00000	68.24000	0.0	0.0	0.0
				30.00000	91.00000	68.24000	0.0	0.0	0.0
				31.00000	91.00000	68.24000	0.0	0.0	0.0
				32.00000	91.00000	68.24000	0.0	0.0	0.0
				33.00000	91.00000	68.24000	0.0	0.0	0.0
				34.00000	91.00000	68.24000	0.0	0.0	0.0
				35.00000	91.00000	68.24000	0.0	0.0	0.0
				36.00000	91.00000	68.24000	0.0	0.0	0.0
				37.00000	91.00000	68.24000	0.0	0.0	0.0
				38.00000	91.00000	68.24000	0.0	0.0	0.0
				39.00000	91.00000	68.24000	0.0	0.0	0.0
				40.00000	91.00000	68.24000	0.0	0.0	0.0
				41.00000	91.00000	68.24000	0.0	0.0	0.0
				42.00000	91.00000	68.24000	0.0	0.0	0.0
				43.00000	91.00000	68.24000	0.0	0.0	0.0
				44.00000	91.00000	68.24000	0.0	0.0	0.0
				45.00000	91.00000	68.24000	0.0	0.0	0.0
				46.00000	91.00000	68.24000	0.0	0.0	0.0
				47.00000	91.00000	68.24000	0.0	0.0	0.0
				48.00000	91.00000	68.24000	0.0	0.0	0.0
				49.00000	91.00000	68.24000	0.0	0.0	0.0
				50.00000	91.00000	68.24000	0.0	0.0	0.0
				51.00000	91.00000	68.24000	0.0	0.0	0.0
				52.00000	91.00000	68.24000	0.0	0.0	0.0
				53.00000	91.00000	68.24000	0.0	0.0	0.0
				54.00000	91.00000	68.24000	0.0	0.0	0.0
				55.00000	91.00000	68.24000	0.0	0.0	0.0
				56.00000	91.00000	68.24000	0.0	0.0	0.0
				57.00000	91.00000	68.24000	0.0	0.0	0.0
				58.00000	91.00000	68.24000	0.0	0.0	0.0
				59.00000	91.00000	68.24000	0.0	0.0	0.0
				60.00000	91.00000	68.24000	0.0	0.0	0.0
				61.00000	91.00000	68.24000	0.0	0.0	0.0
				62.00000	91.00000	68.24000	0.0	0.0	0.0
				63.00000	91.00000	68.24000	0.0	0.0	0.0
				64.00000	91.00000	68.24000	0.0	0.0	0.0
				65.00000	91.00000	68.24000	0.0	0.0	0.0
				66.00000	91.00000	68.24000	0.0	0.0	0.0
				67.00000	91.00000	68.24000	0.0	0.0	0.0
				68.00000	91.00000	68.24000	0.0	0.0	0.0
				69.00000	91.00000	68.24000	0.0	0.0	0.0
				70.00000	91.00000	68.24000	0.0	0.0	0.0
				71.00000	91.00000	68.24000	0.0	0.0	0.0
				72.00000	91.00000	68.24000	0.0	0.0	0.0
				73.00000	91.00000	68.24000	0.0	0.0	0.0
				74.00000	91.00000	68.24000	0.0	0.0	0.0
				75.00000	91.00000	68.24000	0.0	0.0	0.0
				76.00000	91.00000	68.24000	0.0	0.0	0.0
				77.00000	91.00000	68.24000	0.0	0.0	0.0
				78.00000	91.00000	68.24000	0.0	0.0	0.0
				79.00000	91.00000	68.24000	0.0	0.0	0.0
				80.00000	91.00000	68.24000	0.0	0.0	0.0
				81.00000	91.00000	68.24000	0.0	0.0	0.0
				82.00000	91.00000	68.24000	0.0	0.0	0.0
				83.00000	91.00000	68.24000	0.0	0.0	0.0
				84.00000	91.00000	68.24000	0.0	0.0	0.0
				85.00000	91.00000	68.24000	0.0	0.0	0.0
				86.00000	91.00000	68.24000	0.0	0.0	0.0
				87.00000	91.00000	68.24000	0.0	0.0	0.0
				88.00000	91.00000	68.24000	0.0	0.0	0.0
				89.00000	91.00000	68.24000	0.0	0.0	0.0
				90.00000	91.00000	68.24000	0.0	0.0	0.0
				91.00000	91.00000	68.24000	0.0	0.0	0.0
				92.00000	91.00000	68.24000	0.0	0.0	0.0
				93.00000	91.00000	68.24000	0.0	0.0	0.0
				94.00000	91.00000	68.24000	0.0	0.0	0.0
				95.00000	91.00000	68.24000	0.0	0.0	0.0
				96.00000	91.00000	68.24000	0.0	0.0	0.0
				97.00000	91.00000	68.24000	0.0	0.0	0.0
				98.00000	91.00000	68.24000	0.0	0.0	0.0
				99.00000	91.00000	68.24000	0.0	0.0	0.0
				100.00000	91.00000	68.24000	0.0	0.0	0.0
				0.00000	92.00000	68.24000	0.0	0.0	0.0
				1.00000	92.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
3.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
4.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
5.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
6.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
7.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
8.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
9.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
10.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
11.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
12.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
13.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
14.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
15.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
16.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
17.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
18.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
19.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
20.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
21.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
22.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
23.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
24.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
25.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
26.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
27.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
28.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
29.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
30.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
31.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
32.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
33.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
34.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
35.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
36.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
37.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
38.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
39.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
40.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
41.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
42.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
43.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
44.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
45.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
46.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
47.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
48.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
49.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
50.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
51.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
52.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
53.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
54.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				79.00000	92.00000	68.24000	0.0	0.0	0.0
				80.00000	92.00000	68.24000	0.0	0.0	0.0
				81.00000	92.00000	68.24000	0.0	0.0	0.0
				82.00000	92.00000	68.24000	0.0	0.0	0.0
				83.00000	92.00000	68.24000	0.0	0.0	0.0
				84.00000	92.00000	68.24000	0.0	0.0	0.0
				85.00000	92.00000	68.24000	0.0	0.0	0.0
				86.00000	92.00000	68.24000	0.0	0.0	0.0
				87.00000	92.00000	68.24000	0.0	0.0	0.0
				88.00000	92.00000	68.24000	0.0	0.0	0.0
				89.00000	92.00000	68.24000	0.0	0.0	0.0
				90.00000	92.00000	68.24000	0.0	0.0	0.0
				91.00000	92.00000	68.24000	0.0	0.0	0.0
				92.00000	92.00000	68.24000	0.0	0.0	0.0
				93.00000	92.00000	68.24000	0.0	0.0	0.0
				94.00000	92.00000	68.24000	0.0	0.0	0.0
				95.00000	92.00000	68.24000	0.0	0.0	0.0
				96.00000	92.00000	68.24000	0.0	0.0	0.0
				97.00000	92.00000	68.24000	0.0	0.0	0.0
				98.00000	92.00000	68.24000	0.0	0.0	0.0
				99.00000	92.00000	68.24000	0.0	0.0	0.0
				100.00000	92.00000	68.24000	0.0	0.0	0.0
				0.00000	93.00000	68.24000	0.0	0.0	0.0
				1.00000	93.00000	68.24000	0.0	0.0	0.0
				2.00000	93.00000	68.24000	0.0	0.0	0.0
				3.00000	93.00000	68.24000	0.0	0.0	0.0
				4.00000	93.00000	68.24000	0.0	0.0	0.0
				5.00000	93.00000	68.24000	0.0	0.0	0.0
				6.00000	93.00000	68.24000	0.0	0.0	0.0
				7.00000	93.00000	68.24000	0.0	0.0	0.0
				8.00000	93.00000	68.24000	0.0	0.0	0.0
				9.00000	93.00000	68.24000	0.0	0.0	0.0
				10.00000	93.00000	68.24000	0.0	0.0	0.0
				11.00000	93.00000	68.24000	0.0	0.0	0.0
				12.00000	93.00000	68.24000	0.0	0.0	0.0
				13.00000	93.00000	68.24000	0.0	0.0	0.0
				14.00000	93.00000	68.24000	0.0	0.0	0.0
				15.00000	93.00000	68.24000	0.0	0.0	0.0
				16.00000	93.00000	68.24000	0.0	0.0	0.0
				17.00000	93.00000	68.24000	0.0	0.0	0.0
				18.00000	93.00000	68.24000	0.0	0.0	0.0
				19.00000	93.00000	68.24000	0.0	0.0	0.0
				20.00000	93.00000	68.24000	0.0	0.0	0.0
				21.00000	93.00000	68.24000	0.0	0.0	0.0
				22.00000	93.00000	68.24000	0.0	0.0	0.0
				23.00000	93.00000	68.24000	0.0	0.0	0.0
				24.00000	93.00000	68.24000	0.0	0.0	0.0
				25.00000	93.00000	68.24000	0.0	0.0	0.0
				26.00000	93.00000	68.24000	0.0	0.0	0.0
				27.00000	93.00000	68.24000	0.0	0.0	0.0
				28.00000	93.00000	68.24000	0.0	0.0	0.0
				29.00000	93.00000	68.24000	0.0	0.0	0.0
				30.00000	93.00000	68.24000	0.0	0.0	0.0
				31.00000	93.00000	68.24000	0.0	0.0	0.0
				32.00000	93.00000	68.24000	0.0	0.0	0.0
				33.00000	93.00000	68.24000	0.0	0.0	0.0
				34.00000	93.00000	68.24000	0.0	0.0	0.0
				35.00000	93.00000	68.24000	0.0	0.0	0.0
				36.00000	93.00000	68.24000	0.0	0.0	0.0
				37.00000	93.00000	68.24000	0.0	0.0	0.0
				38.00000	93.00000	68.24000	0.0	0.0	0.0
				39.00000	93.00000	68.24000	0.0	0.0	0.0
				40.00000	93.00000	68.24000	0.0	0.0	0.0
				41.00000	93.00000	68.24000	0.0	0.0	0.0
				42.00000	93.00000	68.24000	0.0	0.0	0.0
				43.00000	93.00000	68.24000	0.0	0.0	0.0
				44.00000	93.00000	68.24000	0.0	0.0	0.0
				45.00000	93.00000	68.24000	0.0	0.0	0.0
				46.00000	93.00000	68.24000	0.0	0.0	0.0
				47.00000	93.00000	68.24000	0.0	0.0	0.0
				48.00000	93.00000	68.24000	0.0	0.0	0.0
				49.00000	93.00000	68.24000	0.0	0.0	0.0
				50.00000	93.00000	68.24000	0.0	0.0	0.0
				51.00000	93.00000	68.24000	0.0	0.0	0.0
				52.00000	93.00000	68.24000	0.0	0.0	0.0
				53.00000	93.00000	68.24000	0.0	0.0	0.0
				54.00000	93.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				55.00000	93.00000	68.24000	0.0	0.0	0.0
				56.00000	93.00000	68.24000	0.0	0.0	0.0
				57.00000	93.00000	68.24000	0.0	0.0	0.0
				58.00000	93.00000	68.24000	0.0	0.0	0.0
				59.00000	93.00000	68.24000	0.0	0.0	0.0
				60.00000	93.00000	68.24000	0.0	0.0	0.0
				61.00000	93.00000	68.24000	0.0	0.0	0.0
				62.00000	93.00000	68.24000	0.0	0.0	0.0
				63.00000	93.00000	68.24000	0.0	0.0	0.0
				64.00000	93.00000	68.24000	0.0	0.0	0.0
				65.00000	93.00000	68.24000	0.0	0.0	0.0
				66.00000	93.00000	68.24000	0.0	0.0	0.0
				67.00000	93.00000	68.24000	0.0	0.0	0.0
				68.00000	93.00000	68.24000	0.0	0.0	0.0
				69.00000	93.00000	68.24000	0.0	0.0	0.0
				70.00000	93.00000	68.24000	0.0	0.0	0.0
				71.00000	93.00000	68.24000	0.0	0.0	0.0
				72.00000	93.00000	68.24000	0.0	0.0	0.0
				73.00000	93.00000	68.24000	0.0	0.0	0.0
				74.00000	93.00000	68.24000	0.0	0.0	0.0
				75.00000	93.00000	68.24000	0.0	0.0	0.0
				76.00000	93.00000	68.24000	0.0	0.0	0.0
				77.00000	93.00000	68.24000	0.0	0.0	0.0
				78.00000	93.00000	68.24000	0.0	0.0	0.0
				79.00000	93.00000	68.24000	0.0	0.0	0.0
				80.00000	93.00000	68.24000	0.0	0.0	0.0
				81.00000	93.00000	68.24000	0.0	0.0	0.0
				82.00000	93.00000	68.24000	0.0	0.0	0.0
				83.00000	93.00000	68.24000	0.0	0.0	0.0
				84.00000	93.00000	68.24000	0.0	0.0	0.0
				85.00000	93.00000	68.24000	0.0	0.0	0.0
				86.00000	93.00000	68.24000	0.0	0.0	0.0
				87.00000	93.00000	68.24000	0.0	0.0	0.0
				88.00000	93.00000	68.24000	0.0	0.0	0.0
				89.00000	93.00000	68.24000	0.0	0.0	0.0
				90.00000	93.00000	68.24000	0.0	0.0	0.0
				91.00000	93.00000	68.24000	0.0	0.0	0.0
				92.00000	93.00000	68.24000	0.0	0.0	0.0
				93.00000	93.00000	68.24000	0.0	0.0	0.0
				94.00000	93.00000	68.24000	0.0	0.0	0.0
				95.00000	93.00000	68.24000	0.0	0.0	0.0
				96.00000	93.00000	68.24000	0.0	0.0	0.0
				97.00000	93.00000	68.24000	0.0	0.0	0.0
				98.00000	93.00000	68.24000	0.0	0.0	0.0
				99.00000	93.00000	68.24000	0.0	0.0	0.0
				100.00000	93.00000	68.24000	0.0	0.0	0.0
				0.00000	94.00000	68.24000	0.0	0.0	0.0
				1.00000	94.00000	68.24000	0.0	0.0	0.0
				2.00000	94.00000	68.24000	0.0	0.0	0.0
				3.00000	94.00000	68.24000	0.0	0.0	0.0
				4.00000	94.00000	68.24000	0.0	0.0	0.0
				5.00000	94.00000	68.24000	0.0	0.0	0.0
				6.00000	94.00000	68.24000	0.0	0.0	0.0
				7.00000	94.00000	68.24000	0.0	0.0	0.0
				8.00000	94.00000	68.24000	0.0	0.0	0.0
				9.00000	94.00000	68.24000	0.0	0.0	0.0
				10.00000	94.00000	68.24000	0.0	0.0	0.0
				11.00000	94.00000	68.24000	0.0	0.0	0.0
				12.00000	94.00000	68.24000	0.0	0.0	0.0
				13.00000	94.00000	68.24000	0.0	0.0	0.0
				14.00000	94.00000	68.24000	0.0	0.0	0.0
				15.00000	94.00000	68.24000	0.0	0.0	0.0
				16.00000	94.00000	68.24000	0.0	0.0	0.0
				17.00000	94.00000	68.24000	0.0	0.0	0.0
				18.00000	94.00000	68.24000	0.0	0.0	0.0
				19.00000	94.00000	68.24000	0.0	0.0	0.0
				20.00000	94.00000	68.24000	0.0	0.0	0.0
				21.00000	94.00000	68.24000	0.0	0.0	0.0
				22.00000	94.00000	68.24000	0.0	0.0	0.0
				23.00000	94.00000	68.24000	0.0	0.0	0.0
				24.00000	94.00000	68.24000	0.0	0.0	0.0
				25.00000	94.00000	68.24000	0.0	0.0	0.0
				26.00000	94.00000	68.24000	0.0	0.0	0.0
				27.00000	94.00000	68.24000	0.0	0.0	0.0
				28.00000	94.00000	68.24000	0.0	0.0	0.0
				29.00000	94.00000	68.24000	0.0	0.0	0.0
				30.00000	94.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				31.00000	94.00000	68.24000	0.0	0.0	0.0
				32.00000	94.00000	68.24000	0.0	0.0	0.0
				33.00000	94.00000	68.24000	0.0	0.0	0.0
				34.00000	94.00000	68.24000	0.0	0.0	0.0
				35.00000	94.00000	68.24000	0.0	0.0	0.0
				36.00000	94.00000	68.24000	0.0	0.0	0.0
				37.00000	94.00000	68.24000	0.0	0.0	0.0
				38.00000	94.00000	68.24000	0.0	0.0	0.0
				39.00000	94.00000	68.24000	0.0	0.0	0.0
				40.00000	94.00000	68.24000	0.0	0.0	0.0
				41.00000	94.00000	68.24000	0.0	0.0	0.0
				42.00000	94.00000	68.24000	0.0	0.0	0.0
				43.00000	94.00000	68.24000	0.0	0.0	0.0
				44.00000	94.00000	68.24000	0.0	0.0	0.0
				45.00000	94.00000	68.24000	0.0	0.0	0.0
				46.00000	94.00000	68.24000	0.0	0.0	0.0
				47.00000	94.00000	68.24000	0.0	0.0	0.0
				48.00000	94.00000	68.24000	0.0	0.0	0.0
				49.00000	94.00000	68.24000	0.0	0.0	0.0
				50.00000	94.00000	68.24000	0.0	0.0	0.0
				51.00000	94.00000	68.24000	0.0	0.0	0.0
				52.00000	94.00000	68.24000	0.0	0.0	0.0
				53.00000	94.00000	68.24000	0.0	0.0	0.0
				54.00000	94.00000	68.24000	0.0	0.0	0.0
				55.00000	94.00000	68.24000	0.0	0.0	0.0
				56.00000	94.00000	68.24000	0.0	0.0	0.0
				57.00000	94.00000	68.24000	0.0	0.0	0.0
				58.00000	94.00000	68.24000	0.0	0.0	0.0
				59.00000	94.00000	68.24000	0.0	0.0	0.0
				60.00000	94.00000	68.24000	0.0	0.0	0.0
				61.00000	94.00000	68.24000	0.0	0.0	0.0
				62.00000	94.00000	68.24000	0.0	0.0	0.0
				63.00000	94.00000	68.24000	0.0	0.0	0.0
				64.00000	94.00000	68.24000	0.0	0.0	0.0
				65.00000	94.00000	68.24000	0.0	0.0	0.0
				66.00000	94.00000	68.24000	0.0	0.0	0.0
				67.00000	94.00000	68.24000	0.0	0.0	0.0
				68.00000	94.00000	68.24000	0.0	0.0	0.0
				69.00000	94.00000	68.24000	0.0	0.0	0.0
				70.00000	94.00000	68.24000	0.0	0.0	0.0
				71.00000	94.00000	68.24000	0.0	0.0	0.0
				72.00000	94.00000	68.24000	0.0	0.0	0.0
				73.00000	94.00000	68.24000	0.0	0.0	0.0
				74.00000	94.00000	68.24000	0.0	0.0	0.0
				75.00000	94.00000	68.24000	0.0	0.0	0.0
				76.00000	94.00000	68.24000	0.0	0.0	0.0
				77.00000	94.00000	68.24000	0.0	0.0	0.0
				78.00000	94.00000	68.24000	0.0	0.0	0.0
				79.00000	94.00000	68.24000	0.0	0.0	0.0
				80.00000	94.00000	68.24000	0.0	0.0	0.0
				81.00000	94.00000	68.24000	0.0	0.0	0.0
				82.00000	94.00000	68.24000	0.0	0.0	0.0
				83.00000	94.00000	68.24000	0.0	0.0	0.0
				84.00000	94.00000	68.24000	0.0	0.0	0.0
				85.00000	94.00000	68.24000	0.0	0.0	0.0
				86.00000	94.00000	68.24000	0.0	0.0	0.0
				87.00000	94.00000	68.24000	0.0	0.0	0.0
				88.00000	94.00000	68.24000	0.0	0.0	0.0
				89.00000	94.00000	68.24000	0.0	0.0	0.0
				90.00000	94.00000	68.24000	0.0	0.0	0.0
				91.00000	94.00000	68.24000	0.0	0.0	0.0
				92.00000	94.00000	68.24000	0.0	0.0	0.0
				93.00000	94.00000	68.24000	0.0	0.0	0.0
				94.00000	94.00000	68.24000	0.0	0.0	0.0
				95.00000	94.00000	68.24000	0.0	0.0	0.0
				96.00000	94.00000	68.24000	0.0	0.0	0.0
				97.00000	94.00000	68.24000	0.0	0.0	0.0
				98.00000	94.00000	68.24000	0.0	0.0	0.0
				99.00000	94.00000	68.24000	0.0	0.0	0.0
				100.00000	94.00000	68.24000	0.0	0.0	0.0
				0.00000	95.00000	68.24000	0.0	0.0	0.0
				1.00000	95.00000	68.24000	0.0	0.0	0.0
				2.00000	95.00000	68.24000	0.0	0.0	0.0
				3.00000	95.00000	68.24000	0.0	0.0	0.0
				4.00000	95.00000	68.24000	0.0	0.0	0.0
				5.00000	95.00000	68.24000	0.0	0.0	0.0
				6.00000	95.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
7.00000	95.00000	68.24000		7.00000	95.00000	68.24000	0.0	0.0	0.0
8.00000	95.00000	68.24000		8.00000	95.00000	68.24000	0.0	0.0	0.0
9.00000	95.00000	68.24000		9.00000	95.00000	68.24000	0.0	0.0	0.0
10.00000	95.00000	68.24000		10.00000	95.00000	68.24000	0.0	0.0	0.0
11.00000	95.00000	68.24000		11.00000	95.00000	68.24000	0.0	0.0	0.0
12.00000	95.00000	68.24000		12.00000	95.00000	68.24000	0.0	0.0	0.0
13.00000	95.00000	68.24000		13.00000	95.00000	68.24000	0.0	0.0	0.0
14.00000	95.00000	68.24000		14.00000	95.00000	68.24000	0.0	0.0	0.0
15.00000	95.00000	68.24000		15.00000	95.00000	68.24000	0.0	0.0	0.0
16.00000	95.00000	68.24000		16.00000	95.00000	68.24000	0.0	0.0	0.0
17.00000	95.00000	68.24000		17.00000	95.00000	68.24000	0.0	0.0	0.0
18.00000	95.00000	68.24000		18.00000	95.00000	68.24000	0.0	0.0	0.0
19.00000	95.00000	68.24000		19.00000	95.00000	68.24000	0.0	0.0	0.0
20.00000	95.00000	68.24000		20.00000	95.00000	68.24000	0.0	0.0	0.0
21.00000	95.00000	68.24000		21.00000	95.00000	68.24000	0.0	0.0	0.0
22.00000	95.00000	68.24000		22.00000	95.00000	68.24000	0.0	0.0	0.0
23.00000	95.00000	68.24000		23.00000	95.00000	68.24000	0.0	0.0	0.0
24.00000	95.00000	68.24000		24.00000	95.00000	68.24000	0.0	0.0	0.0
25.00000	95.00000	68.24000		25.00000	95.00000	68.24000	0.0	0.0	0.0
26.00000	95.00000	68.24000		26.00000	95.00000	68.24000	0.0	0.0	0.0
27.00000	95.00000	68.24000		27.00000	95.00000	68.24000	0.0	0.0	0.0
28.00000	95.00000	68.24000		28.00000	95.00000	68.24000	0.0	0.0	0.0
29.00000	95.00000	68.24000		29.00000	95.00000	68.24000	0.0	0.0	0.0
30.00000	95.00000	68.24000		30.00000	95.00000	68.24000	0.0	0.0	0.0
31.00000	95.00000	68.24000		31.00000	95.00000	68.24000	0.0	0.0	0.0
32.00000	95.00000	68.24000		32.00000	95.00000	68.24000	0.0	0.0	0.0
33.00000	95.00000	68.24000		33.00000	95.00000	68.24000	0.0	0.0	0.0
34.00000	95.00000	68.24000		34.00000	95.00000	68.24000	0.0	0.0	0.0
35.00000	95.00000	68.24000		35.00000	95.00000	68.24000	0.0	0.0	0.0
36.00000	95.00000	68.24000		36.00000	95.00000	68.24000	0.0	0.0	0.0
37.00000	95.00000	68.24000		37.00000	95.00000	68.24000	0.0	0.0	0.0
38.00000	95.00000	68.24000		38.00000	95.00000	68.24000	0.0	0.0	0.0
39.00000	95.00000	68.24000		39.00000	95.00000	68.24000	0.0	0.0	0.0
40.00000	95.00000	68.24000		40.00000	95.00000	68.24000	0.0	0.0	0.0
41.00000	95.00000	68.24000		41.00000	95.00000	68.24000	0.0	0.0	0.0
42.00000	95.00000	68.24000		42.00000	95.00000	68.24000	0.0	0.0	0.0
43.00000	95.00000	68.24000		43.00000	95.00000	68.24000	0.0	0.0	0.0
44.00000	95.00000	68.24000		44.00000	95.00000	68.24000	0.0	0.0	0.0
45.00000	95.00000	68.24000		45.00000	95.00000	68.24000	0.0	0.0	0.0
46.00000	95.00000	68.24000		46.00000	95.00000	68.24000	0.0	0.0	0.0
47.00000	95.00000	68.24000		47.00000	95.00000	68.24000	0.0	0.0	0.0
48.00000	95.00000	68.24000		48.00000	95.00000	68.24000	0.0	0.0	0.0
49.00000	95.00000	68.24000		49.00000	95.00000	68.24000	0.0	0.0	0.0
50.00000	95.00000	68.24000		50.00000	95.00000	68.24000	0.0	0.0	0.0
51.00000	95.00000	68.24000		51.00000	95.00000	68.24000	0.0	0.0	0.0
52.00000	95.00000	68.24000		52.00000	95.00000	68.24000	0.0	0.0	0.0
53.00000	95.00000	68.24000		53.00000	95.00000	68.24000	0.0	0.0	0.0
54.00000	95.00000	68.24000		54.00000	95.00000	68.24000	0.0	0.0	0.0
55.00000	95.00000	68.24000		55.00000	95.00000	68.24000	0.0	0.0	0.0
56.00000	95.00000	68.24000		56.00000	95.00000	68.24000	0.0	0.0	0.0
57.00000	95.00000	68.24000		57.00000	95.00000	68.24000	0.0	0.0	0.0
58.00000	95.00000	68.24000		58.00000	95.00000	68.24000	0.0	0.0	0.0
59.00000	95.00000	68.24000		59.00000	95.00000	68.24000	0.0	0.0	0.0
60.00000	95.00000	68.24000		60.00000	95.00000	68.24000	0.0	0.0	0.0
61.00000	95.00000	68.24000		61.00000	95.00000	68.24000	0.0	0.0	0.0
62.00000	95.00000	68.24000		62.00000	95.00000	68.24000	0.0	0.0	0.0
63.00000	95.00000	68.24000		63.00000	95.00000	68.24000	0.0	0.0	0.0
64.00000	95.00000	68.24000		64.00000	95.00000	68.24000	0.0	0.0	0.0
65.00000	95.00000	68.24000		65.00000	95.00000	68.24000	0.0	0.0	0.0
66.00000	95.00000	68.24000		66.00000	95.00000	68.24000	0.0	0.0	0.0
67.00000	95.00000	68.24000		67.00000	95.00000	68.24000	0.0	0.0	0.0
68.00000	95.00000	68.24000		68.00000	95.00000	68.24000	0.0	0.0	0.0
69.00000	95.00000	68.24000		69.00000	95.00000	68.24000	0.0	0.0	0.0
70.00000	95.00000	68.24000		70.00000	95.00000	68.24000	0.0	0.0	0.0
71.00000	95.00000	68.24000		71.00000	95.00000	68.24000	0.0	0.0	0.0
72.00000	95.00000	68.24000		72.00000	95.00000	68.24000	0.0	0.0	0.0
73.00000	95.00000	68.24000		73.00000	95.00000	68.24000	0.0	0.0	0.0
74.00000	95.00000	68.24000		74.00000	95.00000	68.24000	0.0	0.0	0.0
75.00000	95.00000	68.24000		75.00000	95.00000	68.24000	0.0	0.0	0.0
76.00000	95.00000	68.24000		76.00000	95.00000	68.24000	0.0	0.0	0.0
77.00000	95.00000	68.24000		77.00000	95.00000	68.24000	0.0	0.0	0.0
78.00000	95.00000	68.24000		78.00000	95.00000	68.24000	0.0	0.0	0.0
79.00000	95.00000	68.24000		79.00000	95.00000	68.24000	0.0	0.0	0.0
80.00000	95.00000	68.24000		80.00000	95.00000	68.24000	0.0	0.0	0.0
81.00000	95.00000	68.24000		81.00000	95.00000	68.24000	0.0	0.0	0.0
82.00000	95.00000	68.24000		82.00000	95.00000	68.24000	0.0	0.0	0.0
83.00000	95.00000	68.24000		83.00000	95.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				84.00000	95.00000	68.24000	0.0	0.0	0.0
				85.00000	95.00000	68.24000	0.0	0.0	0.0
				86.00000	95.00000	68.24000	0.0	0.0	0.0
				87.00000	95.00000	68.24000	0.0	0.0	0.0
				88.00000	95.00000	68.24000	0.0	0.0	0.0
				89.00000	95.00000	68.24000	0.0	0.0	0.0
				90.00000	95.00000	68.24000	0.0	0.0	0.0
				91.00000	95.00000	68.24000	0.0	0.0	0.0
				92.00000	95.00000	68.24000	0.0	0.0	0.0
				93.00000	95.00000	68.24000	0.0	0.0	0.0
				94.00000	95.00000	68.24000	0.0	0.0	0.0
				95.00000	95.00000	68.24000	0.0	0.0	0.0
				96.00000	95.00000	68.24000	0.0	0.0	0.0
				97.00000	95.00000	68.24000	0.0	0.0	0.0
				98.00000	95.00000	68.24000	0.0	0.0	0.0
				99.00000	95.00000	68.24000	0.0	0.0	0.0
				100.00000	95.00000	68.24000	0.0	0.0	0.0
				0.00000	96.00000	68.24000	0.0	0.0	0.0
				1.00000	96.00000	68.24000	0.0	0.0	0.0
				2.00000	96.00000	68.24000	0.0	0.0	0.0
				3.00000	96.00000	68.24000	0.0	0.0	0.0
				4.00000	96.00000	68.24000	0.0	0.0	0.0
				5.00000	96.00000	68.24000	0.0	0.0	0.0
				6.00000	96.00000	68.24000	0.0	0.0	0.0
				7.00000	96.00000	68.24000	0.0	0.0	0.0
				8.00000	96.00000	68.24000	0.0	0.0	0.0
				9.00000	96.00000	68.24000	0.0	0.0	0.0
				10.00000	96.00000	68.24000	0.0	0.0	0.0
				11.00000	96.00000	68.24000	0.0	0.0	0.0
				12.00000	96.00000	68.24000	0.0	0.0	0.0
				13.00000	96.00000	68.24000	0.0	0.0	0.0
				14.00000	96.00000	68.24000	0.0	0.0	0.0
				15.00000	96.00000	68.24000	0.0	0.0	0.0
				16.00000	96.00000	68.24000	0.0	0.0	0.0
				17.00000	96.00000	68.24000	0.0	0.0	0.0
				18.00000	96.00000	68.24000	0.0	0.0	0.0
				19.00000	96.00000	68.24000	0.0	0.0	0.0
				20.00000	96.00000	68.24000	0.0	0.0	0.0
				21.00000	96.00000	68.24000	0.0	0.0	0.0
				22.00000	96.00000	68.24000	0.0	0.0	0.0
				23.00000	96.00000	68.24000	0.0	0.0	0.0
				24.00000	96.00000	68.24000	0.0	0.0	0.0
				25.00000	96.00000	68.24000	0.0	0.0	0.0
				26.00000	96.00000	68.24000	0.0	0.0	0.0
				27.00000	96.00000	68.24000	0.0	0.0	0.0
				28.00000	96.00000	68.24000	0.0	0.0	0.0
				29.00000	96.00000	68.24000	0.0	0.0	0.0
				30.00000	96.00000	68.24000	0.0	0.0	0.0
				31.00000	96.00000	68.24000	0.0	0.0	0.0
				32.00000	96.00000	68.24000	0.0	0.0	0.0
				33.00000	96.00000	68.24000	0.0	0.0	0.0
				34.00000	96.00000	68.24000	0.0	0.0	0.0
				35.00000	96.00000	68.24000	0.0	0.0	0.0
				36.00000	96.00000	68.24000	0.0	0.0	0.0
				37.00000	96.00000	68.24000	0.0	0.0	0.0
				38.00000	96.00000	68.24000	0.0	0.0	0.0
				39.00000	96.00000	68.24000	0.0	0.0	0.0
				40.00000	96.00000	68.24000	0.0	0.0	0.0
				41.00000	96.00000	68.24000	0.0	0.0	0.0
				42.00000	96.00000	68.24000	0.0	0.0	0.0
				43.00000	96.00000	68.24000	0.0	0.0	0.0
				44.00000	96.00000	68.24000	0.0	0.0	0.0
				45.00000	96.00000	68.24000	0.0	0.0	0.0
				46.00000	96.00000	68.24000	0.0	0.0	0.0
				47.00000	96.00000	68.24000	0.0	0.0	0.0
				48.00000	96.00000	68.24000	0.0	0.0	0.0
				49.00000	96.00000	68.24000	0.0	0.0	0.0
				50.00000	96.00000	68.24000	0.0	0.0	0.0
				51.00000	96.00000	68.24000	0.0	0.0	0.0
				52.00000	96.00000	68.24000	0.0	0.0	0.0
				53.00000	96.00000	68.24000	0.0	0.0	0.0
				54.00000	96.00000	68.24000	0.0	0.0	0.0
				55.00000	96.00000	68.24000	0.0	0.0	0.0
				56.00000	96.00000	68.24000	0.0	0.0	0.0
				57.00000	96.00000	68.24000	0.0	0.0	0.0
				58.00000	96.00000	68.24000	0.0	0.0	0.0
				59.00000	96.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				60.00000	96.00000	68.24000	0.0	0.0	0.0
				61.00000	96.00000	68.24000	0.0	0.0	0.0
				62.00000	96.00000	68.24000	0.0	0.0	0.0
				63.00000	96.00000	68.24000	0.0	0.0	0.0
				64.00000	96.00000	68.24000	0.0	0.0	0.0
				65.00000	96.00000	68.24000	0.0	0.0	0.0
				66.00000	96.00000	68.24000	0.0	0.0	0.0
				67.00000	96.00000	68.24000	0.0	0.0	0.0
				68.00000	96.00000	68.24000	0.0	0.0	0.0
				69.00000	96.00000	68.24000	0.0	0.0	0.0
				70.00000	96.00000	68.24000	0.0	0.0	0.0
				71.00000	96.00000	68.24000	0.0	0.0	0.0
				72.00000	96.00000	68.24000	0.0	0.0	0.0
				73.00000	96.00000	68.24000	0.0	0.0	0.0
				74.00000	96.00000	68.24000	0.0	0.0	0.0
				75.00000	96.00000	68.24000	0.0	0.0	0.0
				76.00000	96.00000	68.24000	0.0	0.0	0.0
				77.00000	96.00000	68.24000	0.0	0.0	0.0
				78.00000	96.00000	68.24000	0.0	0.0	0.0
				79.00000	96.00000	68.24000	0.0	0.0	0.0
				80.00000	96.00000	68.24000	0.0	0.0	0.0
				81.00000	96.00000	68.24000	0.0	0.0	0.0
				82.00000	96.00000	68.24000	0.0	0.0	0.0
				83.00000	96.00000	68.24000	0.0	0.0	0.0
				84.00000	96.00000	68.24000	0.0	0.0	0.0
				85.00000	96.00000	68.24000	0.0	0.0	0.0
				86.00000	96.00000	68.24000	0.0	0.0	0.0
				87.00000	96.00000	68.24000	0.0	0.0	0.0
				88.00000	96.00000	68.24000	0.0	0.0	0.0
				89.00000	96.00000	68.24000	0.0	0.0	0.0
				90.00000	96.00000	68.24000	0.0	0.0	0.0
				91.00000	96.00000	68.24000	0.0	0.0	0.0
				92.00000	96.00000	68.24000	0.0	0.0	0.0
				93.00000	96.00000	68.24000	0.0	0.0	0.0
				94.00000	96.00000	68.24000	0.0	0.0	0.0
				95.00000	96.00000	68.24000	0.0	0.0	0.0
				96.00000	96.00000	68.24000	0.0	0.0	0.0
				97.00000	96.00000	68.24000	0.0	0.0	0.0
				98.00000	96.00000	68.24000	0.0	0.0	0.0
				99.00000	96.00000	68.24000	0.0	0.0	0.0
				100.00000	96.00000	68.24000	0.0	0.0	0.0
				0.00000	97.00000	68.24000	0.0	0.0	0.0
				1.00000	97.00000	68.24000	0.0	0.0	0.0
				2.00000	97.00000	68.24000	0.0	0.0	0.0
				3.00000	97.00000	68.24000	0.0	0.0	0.0
				4.00000	97.00000	68.24000	0.0	0.0	0.0
				5.00000	97.00000	68.24000	0.0	0.0	0.0
				6.00000	97.00000	68.24000	0.0	0.0	0.0
				7.00000	97.00000	68.24000	0.0	0.0	0.0
				8.00000	97.00000	68.24000	0.0	0.0	0.0
				9.00000	97.00000	68.24000	0.0	0.0	0.0
				10.00000	97.00000	68.24000	0.0	0.0	0.0
				11.00000	97.00000	68.24000	0.0	0.0	0.0
				12.00000	97.00000	68.24000	0.0	0.0	0.0
				13.00000	97.00000	68.24000	0.0	0.0	0.0
				14.00000	97.00000	68.24000	0.0	0.0	0.0
				15.00000	97.00000	68.24000	0.0	0.0	0.0
				16.00000	97.00000	68.24000	0.0	0.0	0.0
				17.00000	97.00000	68.24000	0.0	0.0	0.0
				18.00000	97.00000	68.24000	0.0	0.0	0.0
				19.00000	97.00000	68.24000	0.0	0.0	0.0
				20.00000	97.00000	68.24000	0.0	0.0	0.0
				21.00000	97.00000	68.24000	0.0	0.0	0.0
				22.00000	97.00000	68.24000	0.0	0.0	0.0
				23.00000	97.00000	68.24000	0.0	0.0	0.0
				24.00000	97.00000	68.24000	0.0	0.0	0.0
				25.00000	97.00000	68.24000	0.0	0.0	0.0
				26.00000	97.00000	68.24000	0.0	0.0	0.0
				27.00000	97.00000	68.24000	0.0	0.0	0.0
				28.00000	97.00000	68.24000	0.0	0.0	0.0
				29.00000	97.00000	68.24000	0.0	0.0	0.0
				30.00000	97.00000	68.24000	0.0	0.0	0.0
				31.00000	97.00000	68.24000	0.0	0.0	0.0
				32.00000	97.00000	68.24000	0.0	0.0	0.0
				33.00000	97.00000	68.24000	0.0	0.0	0.0
				34.00000	97.00000	68.24000	0.0	0.0	0.0
				35.00000	97.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				36.00000	97.00000	68.24000	0.0	0.0	0.0
				37.00000	97.00000	68.24000	0.0	0.0	0.0
				38.00000	97.00000	68.24000	0.0	0.0	0.0
				39.00000	97.00000	68.24000	0.0	0.0	0.0
				40.00000	97.00000	68.24000	0.0	0.0	0.0
				41.00000	97.00000	68.24000	0.0	0.0	0.0
				42.00000	97.00000	68.24000	0.0	0.0	0.0
				43.00000	97.00000	68.24000	0.0	0.0	0.0
				44.00000	97.00000	68.24000	0.0	0.0	0.0
				45.00000	97.00000	68.24000	0.0	0.0	0.0
				46.00000	97.00000	68.24000	0.0	0.0	0.0
				47.00000	97.00000	68.24000	0.0	0.0	0.0
				48.00000	97.00000	68.24000	0.0	0.0	0.0
				49.00000	97.00000	68.24000	0.0	0.0	0.0
				50.00000	97.00000	68.24000	0.0	0.0	0.0
				51.00000	97.00000	68.24000	0.0	0.0	0.0
				52.00000	97.00000	68.24000	0.0	0.0	0.0
				53.00000	97.00000	68.24000	0.0	0.0	0.0
				54.00000	97.00000	68.24000	0.0	0.0	0.0
				55.00000	97.00000	68.24000	0.0	0.0	0.0
				56.00000	97.00000	68.24000	0.0	0.0	0.0
				57.00000	97.00000	68.24000	0.0	0.0	0.0
				58.00000	97.00000	68.24000	0.0	0.0	0.0
				59.00000	97.00000	68.24000	0.0	0.0	0.0
				60.00000	97.00000	68.24000	0.0	0.0	0.0
				61.00000	97.00000	68.24000	0.0	0.0	0.0
				62.00000	97.00000	68.24000	0.0	0.0	0.0
				63.00000	97.00000	68.24000	0.0	0.0	0.0
				64.00000	97.00000	68.24000	0.0	0.0	0.0
				65.00000	97.00000	68.24000	0.0	0.0	0.0
				66.00000	97.00000	68.24000	0.0	0.0	0.0
				67.00000	97.00000	68.24000	0.0	0.0	0.0
				68.00000	97.00000	68.24000	0.0	0.0	0.0
				69.00000	97.00000	68.24000	0.0	0.0	0.0
				70.00000	97.00000	68.24000	0.0	0.0	0.0
				71.00000	97.00000	68.24000	0.0	0.0	0.0
				72.00000	97.00000	68.24000	0.0	0.0	0.0
				73.00000	97.00000	68.24000	0.0	0.0	0.0
				74.00000	97.00000	68.24000	0.0	0.0	0.0
				75.00000	97.00000	68.24000	0.0	0.0	0.0
				76.00000	97.00000	68.24000	0.0	0.0	0.0
				77.00000	97.00000	68.24000	0.0	0.0	0.0
				78.00000	97.00000	68.24000	0.0	0.0	0.0
				79.00000	97.00000	68.24000	0.0	0.0	0.0
				80.00000	97.00000	68.24000	0.0	0.0	0.0
				81.00000	97.00000	68.24000	0.0	0.0	0.0
				82.00000	97.00000	68.24000	0.0	0.0	0.0
				83.00000	97.00000	68.24000	0.0	0.0	0.0
				84.00000	97.00000	68.24000	0.0	0.0	0.0
				85.00000	97.00000	68.24000	0.0	0.0	0.0
				86.00000	97.00000	68.24000	0.0	0.0	0.0
				87.00000	97.00000	68.24000	0.0	0.0	0.0
				88.00000	97.00000	68.24000	0.0	0.0	0.0
				89.00000	97.00000	68.24000	0.0	0.0	0.0
				90.00000	97.00000	68.24000	0.0	0.0	0.0
				91.00000	97.00000	68.24000	0.0	0.0	0.0
				92.00000	97.00000	68.24000	0.0	0.0	0.0
				93.00000	97.00000	68.24000	0.0	0.0	0.0
				94.00000	97.00000	68.24000	0.0	0.0	0.0
				95.00000	97.00000	68.24000	0.0	0.0	0.0
				96.00000	97.00000	68.24000	0.0	0.0	0.0
				97.00000	97.00000	68.24000	0.0	0.0	0.0
				98.00000	97.00000	68.24000	0.0	0.0	0.0
				99.00000	97.00000	68.24000	0.0	0.0	0.0
				100.00000	97.00000	68.24000	0.0	0.0	0.0
				0.00000	98.00000	68.24000	0.0	0.0	0.0
				1.00000	98.00000	68.24000	0.0	0.0	0.0
				2.00000	98.00000	68.24000	0.0	0.0	0.0
				3.00000	98.00000	68.24000	0.0	0.0	0.0
				4.00000	98.00000	68.24000	0.0	0.0	0.0
				5.00000	98.00000	68.24000	0.0	0.0	0.0
				6.00000	98.00000	68.24000	0.0	0.0	0.0
				7.00000	98.00000	68.24000	0.0	0.0	0.0
				8.00000	98.00000	68.24000	0.0	0.0	0.0
				9.00000	98.00000	68.24000	0.0	0.0	0.0
				10.00000	98.00000	68.24000	0.0	0.0	0.0
				11.00000	98.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				12.00000	98.00000	68.24000	0.0	0.0	0.0
				13.00000	98.00000	68.24000	0.0	0.0	0.0
				14.00000	98.00000	68.24000	0.0	0.0	0.0
				15.00000	98.00000	68.24000	0.0	0.0	0.0
				16.00000	98.00000	68.24000	0.0	0.0	0.0
				17.00000	98.00000	68.24000	0.0	0.0	0.0
				18.00000	98.00000	68.24000	0.0	0.0	0.0
				19.00000	98.00000	68.24000	0.0	0.0	0.0
				20.00000	98.00000	68.24000	0.0	0.0	0.0
				21.00000	98.00000	68.24000	0.0	0.0	0.0
				22.00000	98.00000	68.24000	0.0	0.0	0.0
				23.00000	98.00000	68.24000	0.0	0.0	0.0
				24.00000	98.00000	68.24000	0.0	0.0	0.0
				25.00000	98.00000	68.24000	0.0	0.0	0.0
				26.00000	98.00000	68.24000	0.0	0.0	0.0
				27.00000	98.00000	68.24000	0.0	0.0	0.0
				28.00000	98.00000	68.24000	0.0	0.0	0.0
				29.00000	98.00000	68.24000	0.0	0.0	0.0
				30.00000	98.00000	68.24000	0.0	0.0	0.0
				31.00000	98.00000	68.24000	0.0	0.0	0.0
				32.00000	98.00000	68.24000	0.0	0.0	0.0
				33.00000	98.00000	68.24000	0.0	0.0	0.0
				34.00000	98.00000	68.24000	0.0	0.0	0.0
				35.00000	98.00000	68.24000	0.0	0.0	0.0
				36.00000	98.00000	68.24000	0.0	0.0	0.0
				37.00000	98.00000	68.24000	0.0	0.0	0.0
				38.00000	98.00000	68.24000	0.0	0.0	0.0
				39.00000	98.00000	68.24000	0.0	0.0	0.0
				40.00000	98.00000	68.24000	0.0	0.0	0.0
				41.00000	98.00000	68.24000	0.0	0.0	0.0
				42.00000	98.00000	68.24000	0.0	0.0	0.0
				43.00000	98.00000	68.24000	0.0	0.0	0.0
				44.00000	98.00000	68.24000	0.0	0.0	0.0
				45.00000	98.00000	68.24000	0.0	0.0	0.0
				46.00000	98.00000	68.24000	0.0	0.0	0.0
				47.00000	98.00000	68.24000	0.0	0.0	0.0
				48.00000	98.00000	68.24000	0.0	0.0	0.0
				49.00000	98.00000	68.24000	0.0	0.0	0.0
				50.00000	98.00000	68.24000	0.0	0.0	0.0
				51.00000	98.00000	68.24000	0.0	0.0	0.0
				52.00000	98.00000	68.24000	0.0	0.0	0.0
				53.00000	98.00000	68.24000	0.0	0.0	0.0
				54.00000	98.00000	68.24000	0.0	0.0	0.0
				55.00000	98.00000	68.24000	0.0	0.0	0.0
				56.00000	98.00000	68.24000	0.0	0.0	0.0
				57.00000	98.00000	68.24000	0.0	0.0	0.0
				58.00000	98.00000	68.24000	0.0	0.0	0.0
				59.00000	98.00000	68.24000	0.0	0.0	0.0
				60.00000	98.00000	68.24000	0.0	0.0	0.0
				61.00000	98.00000	68.24000	0.0	0.0	0.0
				62.00000	98.00000	68.24000	0.0	0.0	0.0
				63.00000	98.00000	68.24000	0.0	0.0	0.0
				64.00000	98.00000	68.24000	0.0	0.0	0.0
				65.00000	98.00000	68.24000	0.0	0.0	0.0
				66.00000	98.00000	68.24000	0.0	0.0	0.0
				67.00000	98.00000	68.24000	0.0	0.0	0.0
				68.00000	98.00000	68.24000	0.0	0.0	0.0
				69.00000	98.00000	68.24000	0.0	0.0	0.0
				70.00000	98.00000	68.24000	0.0	0.0	0.0
				71.00000	98.00000	68.24000	0.0	0.0	0.0
				72.00000	98.00000	68.24000	0.0	0.0	0.0
				73.00000	98.00000	68.24000	0.0	0.0	0.0
				74.00000	98.00000	68.24000	0.0	0.0	0.0
				75.00000	98.00000	68.24000	0.0	0.0	0.0
				76.00000	98.00000	68.24000	0.0	0.0	0.0
				77.00000	98.00000	68.24000	0.0	0.0	0.0
				78.00000	98.00000	68.24000	0.0	0.0	0.0
				79.00000	98.00000	68.24000	0.0	0.0	0.0
				80.00000	98.00000	68.24000	0.0	0.0	0.0
				81.00000	98.00000	68.24000	0.0	0.0	0.0
				82.00000	98.00000	68.24000	0.0	0.0	0.0
				83.00000	98.00000	68.24000	0.0	0.0	0.0
				84.00000	98.00000	68.24000	0.0	0.0	0.0
				85.00000	98.00000	68.24000	0.0	0.0	0.0
				86.00000	98.00000	68.24000	0.0	0.0	0.0
				87.00000	98.00000	68.24000	0.0	0.0	0.0
				88.00000	98.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				89.00000	98.00000	68.24000	0.0	0.0	0.0
				90.00000	98.00000	68.24000	0.0	0.0	0.0
				91.00000	98.00000	68.24000	0.0	0.0	0.0
				92.00000	98.00000	68.24000	0.0	0.0	0.0
				93.00000	98.00000	68.24000	0.0	0.0	0.0
				94.00000	98.00000	68.24000	0.0	0.0	0.0
				95.00000	98.00000	68.24000	0.0	0.0	0.0
				96.00000	98.00000	68.24000	0.0	0.0	0.0
				97.00000	98.00000	68.24000	0.0	0.0	0.0
				98.00000	98.00000	68.24000	0.0	0.0	0.0
				99.00000	98.00000	68.24000	0.0	0.0	0.0
				100.00000	98.00000	68.24000	0.0	0.0	0.0
				0.00000	99.00000	68.24000	0.0	0.0	0.0
				1.00000	99.00000	68.24000	0.0	0.0	0.0
				2.00000	99.00000	68.24000	0.0	0.0	0.0
				3.00000	99.00000	68.24000	0.0	0.0	0.0
				4.00000	99.00000	68.24000	0.0	0.0	0.0
				5.00000	99.00000	68.24000	0.0	0.0	0.0
				6.00000	99.00000	68.24000	0.0	0.0	0.0
				7.00000	99.00000	68.24000	0.0	0.0	0.0
				8.00000	99.00000	68.24000	0.0	0.0	0.0
				9.00000	99.00000	68.24000	0.0	0.0	0.0
				10.00000	99.00000	68.24000	0.0	0.0	0.0
				11.00000	99.00000	68.24000	0.0	0.0	0.0
				12.00000	99.00000	68.24000	0.0	0.0	0.0
				13.00000	99.00000	68.24000	0.0	0.0	0.0
				14.00000	99.00000	68.24000	0.0	0.0	0.0
				15.00000	99.00000	68.24000	0.0	0.0	0.0
				16.00000	99.00000	68.24000	0.0	0.0	0.0
				17.00000	99.00000	68.24000	0.0	0.0	0.0
				18.00000	99.00000	68.24000	0.0	0.0	0.0
				19.00000	99.00000	68.24000	0.0	0.0	0.0
				20.00000	99.00000	68.24000	0.0	0.0	0.0
				21.00000	99.00000	68.24000	0.0	0.0	0.0
				22.00000	99.00000	68.24000	0.0	0.0	0.0
				23.00000	99.00000	68.24000	0.0	0.0	0.0
				24.00000	99.00000	68.24000	0.0	0.0	0.0
				25.00000	99.00000	68.24000	0.0	0.0	0.0
				26.00000	99.00000	68.24000	0.0	0.0	0.0
				27.00000	99.00000	68.24000	0.0	0.0	0.0
				28.00000	99.00000	68.24000	0.0	0.0	0.0
				29.00000	99.00000	68.24000	0.0	0.0	0.0
				30.00000	99.00000	68.24000	0.0	0.0	0.0
				31.00000	99.00000	68.24000	0.0	0.0	0.0
				32.00000	99.00000	68.24000	0.0	0.0	0.0
				33.00000	99.00000	68.24000	0.0	0.0	0.0
				34.00000	99.00000	68.24000	0.0	0.0	0.0
				35.00000	99.00000	68.24000	0.0	0.0	0.0
				36.00000	99.00000	68.24000	0.0	0.0	0.0
				37.00000	99.00000	68.24000	0.0	0.0	0.0
				38.00000	99.00000	68.24000	0.0	0.0	0.0
				39.00000	99.00000	68.24000	0.0	0.0	0.0
				40.00000	99.00000	68.24000	0.0	0.0	0.0
				41.00000	99.00000	68.24000	0.0	0.0	0.0
				42.00000	99.00000	68.24000	0.0	0.0	0.0
				43.00000	99.00000	68.24000	0.0	0.0	0.0
				44.00000	99.00000	68.24000	0.0	0.0	0.0
				45.00000	99.00000	68.24000	0.0	0.0	0.0
				46.00000	99.00000	68.24000	0.0	0.0	0.0
				47.00000	99.00000	68.24000	0.0	0.0	0.0
				48.00000	99.00000	68.24000	0.0	0.0	0.0
				49.00000	99.00000	68.24000	0.0	0.0	0.0
				50.00000	99.00000	68.24000	0.0	0.0	0.0
				51.00000	99.00000	68.24000	0.0	0.0	0.0
				52.00000	99.00000	68.24000	0.0	0.0	0.0
				53.00000	99.00000	68.24000	0.0	0.0	0.0
				54.00000	99.00000	68.24000	0.0	0.0	0.0
				55.00000	99.00000	68.24000	0.0	0.0	0.0
				56.00000	99.00000	68.24000	0.0	0.0	0.0
				57.00000	99.00000	68.24000	0.0	0.0	0.0
				58.00000	99.00000	68.24000	0.0	0.0	0.0
				59.00000	99.00000	68.24000	0.0	0.0	0.0
				60.00000	99.00000	68.24000	0.0	0.0	0.0
				61.00000	99.00000	68.24000	0.0	0.0	0.0
				62.00000	99.00000	68.24000	0.0	0.0	0.0
				63.00000	99.00000	68.24000	0.0	0.0	0.0
				64.00000	99.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				65.00000	99.00000	68.24000	0.0	0.0	0.0
				66.00000	99.00000	68.24000	0.0	0.0	0.0
				67.00000	99.00000	68.24000	0.0	0.0	0.0
				68.00000	99.00000	68.24000	0.0	0.0	0.0
				69.00000	99.00000	68.24000	0.0	0.0	0.0
				70.00000	99.00000	68.24000	0.0	0.0	0.0
				71.00000	99.00000	68.24000	0.0	0.0	0.0
				72.00000	99.00000	68.24000	0.0	0.0	0.0
				73.00000	99.00000	68.24000	0.0	0.0	0.0
				74.00000	99.00000	68.24000	0.0	0.0	0.0
				75.00000	99.00000	68.24000	0.0	0.0	0.0
				76.00000	99.00000	68.24000	0.0	0.0	0.0
				77.00000	99.00000	68.24000	0.0	0.0	0.0
				78.00000	99.00000	68.24000	0.0	0.0	0.0
				79.00000	99.00000	68.24000	0.0	0.0	0.0
				80.00000	99.00000	68.24000	0.0	0.0	0.0
				81.00000	99.00000	68.24000	0.0	0.0	0.0
				82.00000	99.00000	68.24000	0.0	0.0	0.0
				83.00000	99.00000	68.24000	0.0	0.0	0.0
				84.00000	99.00000	68.24000	0.0	0.0	0.0
				85.00000	99.00000	68.24000	0.0	0.0	0.0
				86.00000	99.00000	68.24000	0.0	0.0	0.0
				87.00000	99.00000	68.24000	0.0	0.0	0.0
				88.00000	99.00000	68.24000	0.0	0.0	0.0
				89.00000	99.00000	68.24000	0.0	0.0	0.0
				90.00000	99.00000	68.24000	0.0	0.0	0.0
				91.00000	99.00000	68.24000	0.0	0.0	0.0
				92.00000	99.00000	68.24000	0.0	0.0	0.0
				93.00000	99.00000	68.24000	0.0	0.0	0.0
				94.00000	99.00000	68.24000	0.0	0.0	0.0
				95.00000	99.00000	68.24000	0.0	0.0	0.0
				96.00000	99.00000	68.24000	0.0	0.0	0.0
				97.00000	99.00000	68.24000	0.0	0.0	0.0
				98.00000	99.00000	68.24000	0.0	0.0	0.0
				99.00000	99.00000	68.24000	0.0	0.0	0.0
				100.00000	99.00000	68.24000	0.0	0.0	0.0
				0.00000	100.00000	68.24000	0.0	0.0	0.0
				1.00000	100.00000	68.24000	0.0	0.0	0.0
				2.00000	100.00000	68.24000	0.0	0.0	0.0
				3.00000	100.00000	68.24000	0.0	0.0	0.0
				4.00000	100.00000	68.24000	0.0	0.0	0.0
				5.00000	100.00000	68.24000	0.0	0.0	0.0
				6.00000	100.00000	68.24000	0.0	0.0	0.0
				7.00000	100.00000	68.24000	0.0	0.0	0.0
				8.00000	100.00000	68.24000	0.0	0.0	0.0
				9.00000	100.00000	68.24000	0.0	0.0	0.0
				10.00000	100.00000	68.24000	0.0	0.0	0.0
				11.00000	100.00000	68.24000	0.0	0.0	0.0
				12.00000	100.00000	68.24000	0.0	0.0	0.0
				13.00000	100.00000	68.24000	0.0	0.0	0.0
				14.00000	100.00000	68.24000	0.0	0.0	0.0
				15.00000	100.00000	68.24000	0.0	0.0	0.0
				16.00000	100.00000	68.24000	0.0	0.0	0.0
				17.00000	100.00000	68.24000	0.0	0.0	0.0
				18.00000	100.00000	68.24000	0.0	0.0	0.0
				19.00000	100.00000	68.24000	0.0	0.0	0.0
				20.00000	100.00000	68.24000	0.0	0.0	0.0
				21.00000	100.00000	68.24000	0.0	0.0	0.0
				22.00000	100.00000	68.24000	0.0	0.0	0.0
				23.00000	100.00000	68.24000	0.0	0.0	0.0
				24.00000	100.00000	68.24000	0.0	0.0	0.0
				25.00000	100.00000	68.24000	0.0	0.0	0.0
				26.00000	100.00000	68.24000	0.0	0.0	0.0
				27.00000	100.00000	68.24000	0.0	0.0	0.0
				28.00000	100.00000	68.24000	0.0	0.0	0.0
				29.00000	100.00000	68.24000	0.0	0.0	0.0
				30.00000	100.00000	68.24000	0.0	0.0	0.0
				31.00000	100.00000	68.24000	0.0	0.0	0.0
				32.00000	100.00000	68.24000	0.0	0.0	0.0
				33.00000	100.00000	68.24000	0.0	0.0	0.0
				34.00000	100.00000	68.24000	0.0	0.0	0.0
				35.00000	100.00000	68.24000	0.0	0.0	0.0
				36.00000	100.00000	68.24000	0.0	0.0	0.0
				37.00000	100.00000	68.24000	0.0	0.0	0.0
				38.00000	100.00000	68.24000	0.0	0.0	0.0
				39.00000	100.00000	68.24000	0.0	0.0	0.0
				40.00000	100.00000	68.24000	0.0	0.0	0.0

Job No.	Sheet No.	Rev.
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				41.00000	100.00000	68.24000	0.0	0.0	0.0
				42.00000	100.00000	68.24000	0.0	0.0	0.0
				43.00000	100.00000	68.24000	0.0	0.0	0.0
				44.00000	100.00000	68.24000	0.0	0.0	0.0
				45.00000	100.00000	68.24000	0.0	0.0	0.0
				46.00000	100.00000	68.24000	0.0	0.0	0.0
				47.00000	100.00000	68.24000	0.0	0.0	0.0
				48.00000	100.00000	68.24000	0.0	0.0	0.0
				49.00000	100.00000	68.24000	0.0	0.0	0.0
				50.00000	100.00000	68.24000	0.0	0.0	0.0
				51.00000	100.00000	68.24000	0.0	0.0	0.0
				52.00000	100.00000	68.24000	0.0	0.0	0.0
				53.00000	100.00000	68.24000	0.0	0.0	0.0
				54.00000	100.00000	68.24000	0.0	0.0	0.0
				55.00000	100.00000	68.24000	0.0	0.0	0.0
				56.00000	100.00000	68.24000	0.0	0.0	0.0
				57.00000	100.00000	68.24000	0.0	0.0	0.0
				58.00000	100.00000	68.24000	0.0	0.0	0.0
				59.00000	100.00000	68.24000	0.0	0.0	0.0
				60.00000	100.00000	68.24000	0.0	0.0	0.0
				61.00000	100.00000	68.24000	0.0	0.0	0.0
				62.00000	100.00000	68.24000	0.0	0.0	0.0
				63.00000	100.00000	68.24000	0.0	0.0	0.0
				64.00000	100.00000	68.24000	0.0	0.0	0.0
				65.00000	100.00000	68.24000	0.0	0.0	0.0
				66.00000	100.00000	68.24000	0.0	0.0	0.0
				67.00000	100.00000	68.24000	0.0	0.0	0.0
				68.00000	100.00000	68.24000	0.0	0.0	0.0
				69.00000	100.00000	68.24000	0.0	0.0	0.0
				70.00000	100.00000	68.24000	0.0	0.0	0.0
				71.00000	100.00000	68.24000	0.0	0.0	0.0
				72.00000	100.00000	68.24000	0.0	0.0	0.0
				73.00000	100.00000	68.24000	0.0	0.0	0.0
				74.00000	100.00000	68.24000	0.0	0.0	0.0
				75.00000	100.00000	68.24000	0.0	0.0	0.0
				76.00000	100.00000	68.24000	0.0	0.0	0.0
				77.00000	100.00000	68.24000	0.0	0.0	0.0
				78.00000	100.00000	68.24000	0.0	0.0	0.0
				79.00000	100.00000	68.24000	0.0	0.0	0.0
				80.00000	100.00000	68.24000	0.0	0.0	0.0
				81.00000	100.00000	68.24000	0.0	0.0	0.0
				82.00000	100.00000	68.24000	0.0	0.0	0.0
				83.00000	100.00000	68.24000	0.0	0.0	0.0
				84.00000	100.00000	68.24000	0.0	0.0	0.0
				85.00000	100.00000	68.24000	0.0	0.0	0.0
				86.00000	100.00000	68.24000	0.0	0.0	0.0
				87.00000	100.00000	68.24000	0.0	0.0	0.0
				88.00000	100.00000	68.24000	0.0	0.0	0.0
				89.00000	100.00000	68.24000	0.0	0.0	0.0
				90.00000	100.00000	68.24000	0.0	0.0	0.0
				91.00000	100.00000	68.24000	0.0	0.0	0.0
				92.00000	100.00000	68.24000	0.0	0.0	0.0
				93.00000	100.00000	68.24000	0.0	0.0	0.0
				94.00000	100.00000	68.24000	0.0	0.0	0.0
				95.00000	100.00000	68.24000	0.0	0.0	0.0
				96.00000	100.00000	68.24000	0.0	0.0	0.0
				97.00000	100.00000	68.24000	0.0	0.0	0.0
				98.00000	100.00000	68.24000	0.0	0.0	0.0
				99.00000	100.00000	68.24000	0.0	0.0	0.0
				100.00000	100.00000	68.24000	0.0	0.0	0.0

Specific Building Damage Results - Horizontal Displacements

Stage: Ref.	Stage: Name	Name Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx
[mm]	[mm]	[mm]			[m]	[m]	[m]	[m]	[mm]
0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	70.50000	49.40000	67.85000	0.0
0.0	0.0	0.0			0.98313	69.94444	50.21111	67.85000	0.0
0.0	0.0	0.0			1.9663	69.38889	51.02222	67.85000	-2.9555
-1.6375	0.31913	3.3637							



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Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx
δy	δH//	δHperp.	Building:	Ref.	Name	Name					
Ref.			Ref.								
-1.6685	0.32516	3.4273					2.9494	68.83333	51.83333	67.85000	-3.0114
-1.6994	0.33120	3.4910					3.9325	68.27778	52.64444	67.85000	-3.0673
-1.7304	0.33724	3.5546					4.9156	67.72222	53.45556	67.85000	-3.1232
-1.7614	0.34327	3.6182					5.8988	67.16667	54.26667	67.85000	-3.1791
-1.8801	0.55234	4.1335					6.8819	66.61111	55.07778	67.85000	-3.7224
-1.9364	0.61704	4.3276					7.8650	66.05556	55.88889	67.85000	-3.9191
-1.9928	0.68174	4.5218					8.8482	65.50000	56.70000	67.85000	-4.1159
-1.9574	-4.4053	0.80966	2		35 Downshire Hill	35DS - Wall 2	0.0	65.60000	56.70000	67.85000	-4.0288
-1.6305	-3.5923	0.61761					0.84404	66.28000	57.20000	67.85000	-3.2600
-1.3035	-2.7792	0.42556					1.6881	66.96000	57.70000	67.85000	-2.4912
-1.0549	-2.1589	0.27802					2.5321	67.64000	58.20000	67.85000	-1.9040
-0.91092	-1.8642	0.24006					3.3762	68.32000	58.70000	67.85000	-1.6441
-0.76689	-1.5694	0.20211					4.2202	69.00000	59.20000	67.85000	-1.3842
-0.75185	-0.14652	-1.5444	3		35 Downshire Hill	35DS - Wall 3	0.0	69.10000	59.20000	67.85000	-1.3570
-0.73587	-0.14341	-1.5116					0.98313	69.65556	58.38889	67.85000	-1.3282
-0.71989	-0.14030	-1.4788					1.9663	70.21111	57.57778	67.85000	-1.2993
-0.70392	-0.13718	-1.4460					2.9494	70.76667	56.76667	67.85000	-1.2705
-0.68794	-0.13407	-1.4131					3.9325	71.32222	55.95556	67.85000	-1.2417
-0.67197	-0.13096	-1.3803					4.9156	71.87778	55.14444	67.85000	-1.2128
-0.65599	-0.12784	-1.3475					5.8988	72.43333	54.33333	67.85000	-1.1840
-0.64002	-0.12473	-1.3147					6.8819	72.98889	53.52222	67.85000	-1.1552
-0.62404	-0.12162	-1.2819					7.8650	73.54444	52.71111	67.85000	-1.1263
0.0	0.0	0.0					8.8482	74.10000	51.90000	67.85000	0.0
0.0	0.0	0.0	4		35 Downshire Hill	35DS - Wall 4	0.0	74.00000	51.90000	67.85000	0.0
0.0	0.0	0.0					0.84404	73.32000	51.40000	67.85000	0.0
0.0	0.0	0.0					1.6881	72.64000	50.90000	67.85000	0.0
0.0	0.0	0.0					2.5321	71.96000	50.40000	67.85000	0.0
0.0	0.0	0.0					3.3762	71.28000	49.90000	67.85000	0.0
0.0	0.0	0.0					4.2202	70.60000	49.40000	67.85000	0.0
0.0	0.0	0.0	5		14 Keats Grove	14KG - Wall 1	0.0	24.30000	44.40000	66.92500	0.0
0.0	0.0	0.0					0.92500	24.30000	45.32500	66.92500	0.0
0.0	0.0	0.0					1.8500	24.30000	46.25000	66.92500	0.0
0.0	0.0	0.0					2.7750	24.30000	47.17500	66.92500	0.0
0.0	0.0	0.0					3.7000	24.30000	48.10000	66.92500	0.0
0.0	0.0	0.0					4.6250	24.30000	49.02500	66.92500	0.0
0.0	0.0	0.0					5.5500	24.30000	49.95000	66.92500	0.0
0.0	0.0	0.0					6.4750	24.30000	50.87500	66.92500	0.0
0.0	0.0	0.0					7.4000	24.30000	51.80000	66.92500	0.0
0.0	0.0	0.0	6		14 Keats Grove	14KG - Wall 2	0.0	24.40000	51.80000	66.92500	0.0



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Stage: δy	Stage: $\delta H //$	Name Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	
0.0	0.0	0.0			0.95000	25.35000	51.80000	66.92500	0.0	
0.0	0.0	0.0			1.9000	26.30000	51.80000	66.92500	0.0	
0.0	0.0	0.0			2.8500	27.25000	51.80000	66.92500	0.0	
0.0	0.0	0.0			3.8000	28.20000	51.80000	66.92500	0.0	
0.0	0.0	0.0			4.7500	29.15000	51.80000	66.92500	0.0	
0.0	0.0	0.0			5.7000	30.10000	51.80000	66.92500	0.0	
0.0	0.0	0.0			6.6500	31.05000	51.80000	66.92500	0.0	
0.0	0.0	0.0			7.6000	32.00000	51.80000	66.92500	0.0	
0.0	0.0	0.0			8.5500	32.95000	51.80000	66.92500	0.0	
0.0	0.0	0.0			9.5000	33.90000	51.80000	66.92500	0.0	
0.0	0.0	0.0			10.450	34.85000	51.80000	66.92500	0.0	
0.0	0.0	0.0			11.400	35.80000	51.80000	66.92500	0.0	
0.0	0.0	0.0			12.350	36.75000	51.80000	66.92500	0.0	
0.0	0.0	0.0			13.300	37.70000	51.80000	66.92500	0.15214	
0.027661	0.15214	0.027661			0.0	37.80000	51.80000	66.92500	0.18650	
0.033909	-0.033909	0.18650		14 Keats Grove	14KG - Wall 3	0.92500	37.80000	50.87500	66.92500	0.12871
0.023401	-0.023401	0.12871			1.8500	37.80000	49.95000	66.92500	0.0	
0.0	0.0	0.0			2.7750	37.80000	49.02500	66.92500	0.0	
0.0	0.0	0.0			3.7000	37.80000	48.10000	66.92500	0.0	
0.0	0.0	0.0			4.6250	37.80000	47.17500	66.92500	0.0	
0.0	0.0	0.0			5.5500	37.80000	46.25000	66.92500	0.0	
0.0	0.0	0.0			6.4750	37.80000	45.32500	66.92500	0.0	
0.0	0.0	0.0			7.4000	37.80000	44.40000	66.92500	0.0	
0.0	0.0	0.0			0.0	37.70000	44.40000	66.92500	0.0	
0.0	0.0	0.0		14 Keats Grove	14KG - Wall 4	0.95000	36.75000	44.40000	66.92500	0.0
0.0	0.0	0.0			1.9000	35.80000	44.40000	66.92500	0.0	
0.0	0.0	0.0			2.8500	34.85000	44.40000	66.92500	0.0	
0.0	0.0	0.0			3.8000	33.90000	44.40000	66.92500	0.0	
0.0	0.0	0.0			4.7500	32.95000	44.40000	66.92500	0.0	
0.0	0.0	0.0			5.7000	32.00000	44.40000	66.92500	0.0	
0.0	0.0	0.0			6.6500	31.05000	44.40000	66.92500	0.0	
0.0	0.0	0.0			7.6000	30.10000	44.40000	66.92500	0.0	
0.0	0.0	0.0			8.5500	29.15000	44.40000	66.92500	0.0	
0.0	0.0	0.0			9.5000	28.20000	44.40000	66.92500	0.0	
0.0	0.0	0.0			10.450	27.25000	44.40000	66.92500	0.0	
0.0	0.0	0.0			11.400	26.30000	44.40000	66.92500	0.0	
0.0	0.0	0.0			12.350	25.35000	44.40000	66.92500	0.0	
0.0	0.0	0.0			13.300	24.40000	44.40000	66.92500	0.0	



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Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx
δy	δH//	δHperp.	Building:	Name	Name						
Ref.	Ref.	Ref.									
0.0	0.0	9	14 Keats Grove	14KG - Wall 5	0.0	27.30000	51.90000	66.92500	0.0		
		0.0			0.95000	27.30000	52.85000	66.92500	0.0		
0.0	0.0	0.0			1.9000	27.30000	53.80000	66.92500	0.0		
0.0	0.0	0.0			0.0	27.30000	53.90000	66.92500	0.0		
0.0	0.0	10	14 Keats Grove	14KG - Wall 6	0.0	27.30000	53.90000	66.92500	0.0		
		0.0			0.46000	27.76000	53.90000	66.92500	0.0		
0.0	0.0	0.0			0.92000	28.22000	53.90000	66.92500	0.0		
0.0	0.0	0.0			1.3800	28.68000	53.90000	66.92500	0.0		
0.0	0.0	0.0			1.8400	29.14000	53.90000	66.92500	0.0		
0.0	0.0	0.0			2.3000	29.60000	53.90000	66.92500	0.0		
0.0	0.0	11	14 Keats Grove	14KG - Wall 7	0.0	29.60000	53.80000	66.92500	0.0		
		0.0			0.95000	29.60000	52.85000	66.92500	0.0		
0.0	0.0	0.0			1.9000	29.60000	51.90000	66.92500	0.0		
0.0	0.0	0.0			0.0	37.90000	46.60000	66.92500	0.0		
0.0	0.0	12	14 Keats Grove	14KG - Wall 8	0.0	37.90000	46.60000	66.92500	0.0		
		0.0			1.0167	38.91667	46.60000	66.92500	0.0		
0.0	0.0	0.0			2.0333	39.93333	46.60000	66.92500	0.0		
0.0	0.0	0.0			3.0500	40.95000	46.60000	66.92500	0.0		
0.0	0.0	0.0			4.0667	41.96667	46.60000	66.92500	0.0		
0.0	0.0	0.0			5.0833	42.98333	46.60000	66.92500	0.0		
0.0	0.0	0.0			6.1000	44.00000	46.60000	66.92500	0.0		
0.0	0.0	13	14 Keats Grove	14KG - Wall 9	0.0	44.00000	46.50000	66.92500	0.0		
		0.0			1.0000	44.00000	45.50000	66.92500	0.0		
0.0	0.0	0.0			2.0000	44.00000	44.50000	66.92500	0.0		
0.0	0.0	0.0			3.0000	44.00000	43.50000	66.92500	0.0		
0.0	0.0	0.0			4.0000	44.00000	42.50000	66.92500	0.0		
0.0	0.0	0.0			5.0000	44.00000	41.50000	66.92500	0.0		
0.0	0.0	0.0			6.0000	44.00000	40.50000	66.92500	0.0		
0.0	0.0	0.0			7.0000	44.00000	39.50000	66.92500	0.0		
0.0	0.0	0.0			0.0	44.00000	39.40000	66.92500	0.0		
0.0	0.0	14	14 Keats Grove	14KG - Wall 10	0.0	44.00000	39.40000	66.92500	0.0		
		0.0			1.0429	42.95714	39.40000	66.92500	0.0		
0.0	0.0	0.0			2.0857	41.91429	39.40000	66.92500	0.0		
0.0	0.0	0.0			3.1286	40.87143	39.40000	66.92500	0.0		
0.0	0.0	0.0			4.1714	39.82857	39.40000	66.92500	0.0		
0.0	0.0	0.0			5.2143	38.78571	39.40000	66.92500	0.0		
0.0	0.0	0.0			6.2571	37.74286	39.40000	66.92500	0.0		
0.0	0.0	0.0			7.3000	36.70000	39.40000	66.92500	0.0		
0.0	0.0	0.0			0.0	36.60000	39.40000	66.92500	0.0		
0.0	0.0	15	14 Keats Grove	14KG - Wall 11	0.0	36.60000	39.40000	66.92500	0.0		
		0.0			0.98000	36.60000	40.38000	66.92500	0.0		
0.0	0.0	0.0			1.9600	36.60000	41.36000	66.92500	0.0		
0.0	0.0	0.0			2.9400	36.60000	42.34000	66.92500	0.0		

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Stage: δy	Stage: $\delta H//$	Name Specific Building: Ref.	Specific Building: Building:	Sub-building Name	Dist.	x	y	z	δx
0.0	0.0	0.0			3.9200	36.60000	43.32000	66.92500	0.0
0.0	0.0	0.0			4.9000	36.60000	44.30000	66.92500	0.0
0.0	0.0	0.0			0.0	63.70000	56.90000	67.85000	-1.3756
-0.24760	-0.45031	-1.3232	16	Garden Wall 1 Sub 16	1.0004	64.18500	56.02500	67.85000	-5.4993
-2.5745	-0.41430	-6.0580			2.0008	64.67000	55.15000	67.85000	-5.3866
-2.5542	-0.37744	-5.9495			3.0013	65.15500	54.27500	67.85000	-4.2362
-2.3471	-858.31E-6	-4.8429			4.0017	65.64000	53.40000	67.85000	-4.2360
-2.3470	-858.29E-6	-4.8428			5.0021	66.12500	52.52500	67.85000	-4.2359
-2.3469	-858.27E-6	-4.8427			6.0025	66.61000	51.65000	67.85000	-4.2358
-2.3469	-858.25E-6	-4.8425			7.0030	67.09500	50.77500	67.85000	-4.2357
-2.3468	-858.23E-6	-4.8424			8.0034	67.58000	49.90000	67.85000	-4.2356
-2.3468	-858.21E-6	-4.8423			9.0038	68.06500	49.02500	67.85000	-0.016211
-0.011223	0.0019570	-0.019620			10.004	68.55000	48.15000	67.85000	0.0
0.0	0.0	0.0			11.005	69.03500	47.27500	67.85000	0.0
0.0	0.0	0.0			12.005	69.52000	46.40000	67.85000	0.0
0.0	0.0	0.0			13.006	70.00500	45.52500	67.85000	0.0
0.0	0.0	0.0			14.006	70.49000	44.65000	67.85000	0.0
0.0	0.0	0.0			15.006	70.97500	43.77500	67.85000	0.0
0.0	0.0	0.0			16.007	71.46000	42.90000	67.85000	0.0
0.0	0.0	0.0			17.007	71.94500	42.02500	67.85000	0.0
0.0	0.0	0.0			18.008	72.43000	41.15000	67.85000	0.0
0.0	0.0	0.0			19.008	72.91500	40.27500	67.85000	0.0
0.0	0.0	0.0			20.008	73.40000	39.40000	67.85000	0.0
0.0	0.0	0.0			0.0	63.80000	57.00000	67.85000	-1.3350
-0.24030	-1.2122	0.60876	17	Garden Wall 2 Sub 17	1.0000	64.60000	57.60000	67.85000	-1.0228
-0.18410	-0.92869	0.46639			2.0000	65.40000	58.20000	67.85000	-0.71056
-0.12790	-0.64519	0.32401			3.0000	66.20000	58.80000	67.85000	-0.39833
-0.071700	-0.36169	0.18164			4.0000	67.00000	59.40000	67.85000	-0.086110
-0.015500	-0.078188	0.039266			5.0000	67.80000	60.00000	67.85000	0.0
0.0	0.0	0.0			6.0000	68.60000	60.60000	67.85000	0.0
0.0	0.0	0.0			7.0000	69.40000	61.20000	67.85000	0.0
0.0	0.0	0.0			8.0000	70.20000	61.80000	67.85000	0.0
0.0	0.0	0.0			9.0000	71.00000	62.40000	67.85000	0.0
0.0	0.0	0.0			10.000	71.80000	63.00000	67.85000	0.0

Specific Building Damage Results - Vertical Displacements

Stage: δz	Stage:	Name Specific Building: Ref.	Specific Building: Building:	Sub-building Name	Vertical Dist.	x	y	z
Ref.		Ref.		Name	Offset			

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[mm]				[m]	[m]	[m]	[m]	[m]		
0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	0.0	70.50000	49.40000	67.85000	
0.0							0.98313	69.94444	50.21111	67.85000
0.0							1.9663	69.38889	51.02222	67.85000
3.8559							2.9494	68.83333	51.83333	67.85000
3.9163							3.9325	68.27778	52.64444	67.85000
3.9733							4.9156	67.72222	53.45556	67.85000
4.0265							5.8988	67.16667	54.26667	67.85000
4.0755							6.8819	66.61111	55.07778	67.85000
5.1098							7.8650	66.05556	55.88889	67.85000
5.1675							8.8482	65.50000	56.70000	67.85000
5.1868		2	35 Downshire Hill	35DS - Wall 2	0.0	0.0	65.60000	56.70000	67.85000	
5.1604							0.84404	66.28000	57.20000	67.85000
4.6444							1.6881	66.96000	57.70000	67.85000
3.7088							2.5321	67.64000	58.20000	67.85000
2.2432							3.3762	68.32000	58.70000	67.85000
1.6265							4.2202	69.00000	59.20000	67.85000
1.1982		3	35 Downshire Hill	35DS - Wall 3	0.0	0.0	69.10000	59.20000	67.85000	
1.1662							0.98313	69.65556	58.38889	67.85000
1.1350							1.9663	70.21111	57.57778	67.85000
1.1064							2.9494	70.76667	56.76667	67.85000
1.0806							3.9325	71.32222	55.95556	67.85000
1.0575							4.9156	71.87778	55.14444	67.85000
1.0370							5.8988	72.43333	54.33333	67.85000
1.0190							6.8819	72.98889	53.52222	67.85000
1.0035							7.8650	73.54444	52.71111	67.85000
0.99043							8.8482	74.10000	51.90000	67.85000
0.0		4	35 Downshire Hill	35DS - Wall 4	0.0	0.0	74.00000	51.90000	67.85000	
0.0							0.84404	73.32000	51.40000	67.85000
0.0							1.6881	72.64000	50.90000	67.85000
0.0							2.5321	71.96000	50.40000	67.85000
0.0							3.3762	71.28000	49.90000	67.85000
0.0							4.2202	70.60000	49.40000	67.85000
0.0		5	14 Keats Grove	14KG - Wall 1	0.0	0.0	24.30000	44.40000	66.92500	
0.0							0.92500	24.30000	45.32500	66.92500
0.0							1.8500	24.30000	46.25000	66.92500
0.0							2.7750	24.30000	47.17500	66.92500
0.0							3.7000	24.30000	48.10000	66.92500
0.0										



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Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset			
0.0						4.6250	24.30000	49.02500
0.0						5.5500	24.30000	49.95000
0.0						6.4750	24.30000	50.87500
0.0						7.4000	24.30000	51.80000
0.0		6	14 Keats Grove	14KG - Wall 2	0.0	0.0	24.40000	51.80000
0.0						0.95000	25.35000	51.80000
0.0						1.9000	26.30000	51.80000
0.0						2.8500	27.25000	51.80000
0.0						3.8000	28.20000	51.80000
0.0						4.7500	29.15000	51.80000
0.0						5.7000	30.10000	51.80000
0.0						6.6500	31.05000	51.80000
0.0						7.6000	32.00000	51.80000
0.0						8.5500	32.95000	51.80000
0.0						9.5000	33.90000	51.80000
0.0						10.450	34.85000	51.80000
0.0						11.400	35.80000	51.80000
0.0						12.350	36.75000	51.80000
0.0						13.300	37.70000	51.80000
0.64651		7	14 Keats Grove	14KG - Wall 3	0.0	0.0	37.80000	51.80000
0.70998						0.92500	37.80000	50.87500
0.59849						1.8500	37.80000	49.95000
0.0						2.7750	37.80000	49.02500
0.0						3.7000	37.80000	48.10000
0.0						4.6250	37.80000	47.17500
0.0						5.5500	37.80000	46.25000
0.0						6.4750	37.80000	45.32500
0.0						7.4000	37.80000	44.40000
0.0		8	14 Keats Grove	14KG - Wall 4	0.0	0.0	37.70000	44.40000
0.0						0.95000	36.75000	44.40000
0.0						1.9000	35.80000	44.40000
0.0						2.8500	34.85000	44.40000
0.0						3.8000	33.90000	44.40000
0.0						4.7500	32.95000	44.40000
0.0						5.7000	32.00000	44.40000
0.0						6.6500	31.05000	44.40000
0.0						7.6000	30.10000	44.40000
0.0						8.5500	29.15000	44.40000
0.0						9.5000	28.20000	44.40000



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building:	Name	Name	Offset					
	Ref.	Ref.								
0.0							10.450	27.25000	44.40000	66.92500
0.0							11.400	26.30000	44.40000	66.92500
0.0							12.350	25.35000	44.40000	66.92500
0.0							13.300	24.40000	44.40000	66.92500
0.0		9	14 Keats Grove	14KG - Wall 5	0.0	0.0	27.30000	51.90000	66.92500	66.92500
0.0							0.95000	27.30000	52.85000	66.92500
0.0							1.9000	27.30000	53.80000	66.92500
0.0		10	14 Keats Grove	14KG - Wall 6	0.0	0.0	27.30000	53.90000	66.92500	66.92500
0.0							0.46000	27.76000	53.90000	66.92500
0.0							0.92000	28.22000	53.90000	66.92500
0.0							1.3800	28.68000	53.90000	66.92500
0.0							1.8400	29.14000	53.90000	66.92500
0.0							2.3000	29.60000	53.90000	66.92500
0.0		11	14 Keats Grove	14KG - Wall 7	0.0	0.0	29.60000	53.80000	66.92500	66.92500
0.0							0.95000	29.60000	52.85000	66.92500
0.0							1.9000	29.60000	51.90000	66.92500
0.0		12	14 Keats Grove	14KG - Wall 8	0.0	0.0	37.90000	46.60000	66.92500	66.92500
0.0							1.0167	38.91667	46.60000	66.92500
0.0							2.0333	39.93333	46.60000	66.92500
0.0							3.0500	40.95000	46.60000	66.92500
0.0							4.0667	41.96667	46.60000	66.92500
0.0							5.0833	42.98333	46.60000	66.92500
0.0							6.1000	44.00000	46.60000	66.92500
0.0		13	14 Keats Grove	14KG - Wall 9	0.0	0.0	44.00000	46.50000	66.92500	66.92500
0.0							1.0000	44.00000	45.50000	66.92500
0.0							2.0000	44.00000	44.50000	66.92500
0.0							3.0000	44.00000	43.50000	66.92500
0.0							4.0000	44.00000	42.50000	66.92500
0.0							5.0000	44.00000	41.50000	66.92500
0.0							6.0000	44.00000	40.50000	66.92500
0.0							7.0000	44.00000	39.50000	66.92500
0.0		14	14 Keats Grove	14KG - Wall 10	0.0	0.0	44.00000	39.40000	66.92500	66.92500
0.0							1.0429	42.95714	39.40000	66.92500
0.0							2.0857	41.91429	39.40000	66.92500
0.0							3.1286	40.87143	39.40000	66.92500
0.0							4.1714	39.82857	39.40000	66.92500
0.0							5.2143	38.78571	39.40000	66.92500
0.0							6.2571	37.74286	39.40000	66.92500
0.0										



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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Stage:	Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset				
0.0						7.3000	36.70000	39.40000	66.92500
0.0		15	14 Keats Grove	14KG - Wall 11	0.0	0.0	36.60000	39.40000	66.92500
0.0						0.98000	36.60000	40.38000	66.92500
0.0						1.9600	36.60000	41.36000	66.92500
0.0						2.9400	36.60000	42.34000	66.92500
0.0						3.9200	36.60000	43.32000	66.92500
0.0						4.9000	36.60000	44.30000	66.92500
1.0436		16	Garden Wall 1	Sub 16	0.0	0.0	63.70000	56.90000	67.85000
4.5171						1.0004	64.18500	56.02500	67.85000
4.4901						2.0008	64.67000	55.15000	67.85000
3.5287						3.0013	65.15500	54.27500	67.85000
3.5290						4.0017	65.64000	53.40000	67.85000
3.5293						5.0021	66.12500	52.52500	67.85000
3.5296						6.0025	66.61000	51.65000	67.85000
3.5298						7.0030	67.09500	50.77500	67.85000
3.5301						8.0034	67.58000	49.90000	67.85000
0.15295						9.0038	68.06500	49.02500	67.85000
0.0						10.004	68.55000	48.15000	67.85000
0.0						11.005	69.03500	47.27500	67.85000
0.0						12.005	69.52000	46.40000	67.85000
0.0						13.006	70.00500	45.52500	67.85000
0.0						14.006	70.49000	44.65000	67.85000
0.0						15.006	70.97500	43.77500	67.85000
0.0						16.007	71.46000	42.90000	67.85000
0.0						17.007	71.94500	42.02500	67.85000
0.0						18.008	72.43000	41.15000	67.85000
0.0						19.008	72.91500	40.27500	67.85000
0.0						20.008	73.40000	39.40000	67.85000
1.0205		17	Garden Wall 2	Sub 17	0.0	0.0	63.80000	57.00000	67.85000
0.95747						1.0000	64.60000	57.60000	67.85000
1.0024						2.0000	65.40000	58.20000	67.85000
0.94925						3.0000	66.20000	58.80000	67.85000
0.50064						4.0000	67.00000	59.40000	67.85000
0.0						5.0000	67.80000	60.00000	67.85000
0.0						6.0000	68.60000	60.60000	67.85000
0.0						7.0000	69.40000	61.20000	67.85000
0.0						8.0000	70.20000	61.80000	67.85000
0.0						9.0000	71.00000	62.40000	67.85000
0.0						10.000	71.80000	63.00000	67.85000

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Stage:	Name	Specific Building:	Sub-building	Vertical Dist.	x	y	z
δz							
Ref.	Building: Ref.	Name	Name	Offset			
0.0							

Specific Building Damage Results - Detail

Stage:	Name	Specific Building:	Sub-building	Vertical Offset	Segment	Start	Length
Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min	Damage Category
Ref.	Building:	Name	Name	from Line for	Vertical		
Ratio	Horizontal	Tensile	of	of Vertical	Radius of		
Strain	Strain	Horizontal	Displacement	Curvature			
Displacement	Curve						
Curve							
[%]	[%]	[%]	[m]	[m]	[m]	[m]	[m]
0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	1	1.9663
1.9815	None	88.878E-6	614.05E-6	677.74E-6	-324.50E-6	-0.0039208	1016.3 0 (Negligible)
2.4386	None	0.015956	0.0047429	0.018406	-212.60E-6	-0.0010519	3906.5 0 (Negligible)
2.0507	None	0.018449	0.010130	0.023762	-212.60E-6	-0.0010519	3544.4 0 (Negligible)
0.41094	None	0.0	0.0065814	0.0065815	-65.810E-6	-19.628E-6	4930.6 0 (Negligible)
1.9560	None	0.015857	0.093201	0.10444	-962.36E-6	0.0017351	1599.1 2 (Slight)
2.2640	None	0.021041	0.044737	0.061669	-734.40E-6	0.0017351	2018.1 1 (Very Slight)
5.9087	None	203.10E-6	316.69E-6	612.65E-6	-3.1669E-6	31.805E-6	351280. 0 (Negligible)
1.9563	None	60.668E-6	316.69E-6	359.67E-6	-123.69E-6	0.0010073	1319.8 0 (Negligible)
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
0.0	None	0.0	0.0	35.763E-9	-160.12E-6	-680.42E-6	1117.0 0 (Negligible)
0.92500	None	0.0	0.0011360	0.0011360	-25.298E-6	647.00E-6	1128.3 0 (Negligible)
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
							0.0 All vertical displacements are less than the limit sensitivity.
2.8180	Sagging	0.089360	0.013501	0.13039	-376.28E-6	-0.0034718	241.65 2 (Slight)
2.1841	None	0.0073320	0.0031586	0.011400	-376.28E-6	960.54E-6	4051.6 0 (Negligible)
3.5242	None	0.042504	41.756E-6	0.061106	-2.8140E-6	0.0033757	1134.4 1 (Very Slight)
0.47750	None	0.0	281.40E-6	281.42E-6	-2.8140E-6	0.0033757	1241.8 0 (Negligible)
1.3182	None	0.0019742	0.028350	0.029845	-283.42E-6	62.994E-6	6272.4 0 (Negligible)
2.6804	None	0.010157	0.028350	0.041289	-283.42E-6	448.48E-6	4259.0 0 (Negligible)
0.0013392	None	0.0	0.028350	0.028350	-283.42E-6	500.60E-6	3.1711E+6 0 (Negligible)

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

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Stage	Stage	Name	Specific	Specific	Building	Sub-building	Vertical	Segment	Start	Length
Curvature	Deflection	Average	Max	Max	Gradient	Max	Gradient	Min	Damage	Category
Ref.	Building:	Name	Name	Name	Name	Name	from	Line	for	
Ratio	Horizontal	Tensile	of	of	Vertical	Radius	of			
0	Base Model	1	35	Downshire Hill	35DS	- Wall 1	0.0	0.018449	0.010130	-0.0039208
5.1868	0.023762	-324.50E-6	-0.0039208	-	-	-	-	0 (Negligible)		
5.1604	0.10444	-962.36E-6	0.0017351	-	-	-	-	2 (Slight)	0.093201	0.0017351
1.1662	612.65E-6	-123.69E-6	0.0010073	-	-	-	-	0 (Negligible)	203.10E-6	316.69E-6
0.64651	35.763E-9	-160.12E-6	-680.42E-6	-	-	-	-	0 (Negligible)	0.0	0.0
0.70998	0.0011360	-25.298E-6	647.00E-6	-	-	-	-	0 (Negligible)	0.0011360	647.00E-6
4.5164	0.13039	-376.28E-6	-0.0034718	-	-	-	-	2 (Slight)	0.089360	0.013501
1.0205	0.041289	-283.42E-6	500.60E-6	-	-	-	-	0 (Negligible)	0.010157	0.028350

Specific Building Damage Results - Critical Segments within Each Building

Stage	Stage	Name	Specific	Specific	Building	Parameter	Critical	Critical	
Start	End	Curvature	Max	Max	Max	Min	Min	Damage	
Ref.	Building:	Radius	Radius	Radius	Radius	Radius	Radius	Category	
Settlement	Tensile	Radius	Radius	Radius	Radius	Radius	Radius	Sub-Building	
Strain	Curvature	Curvature						Segment	
(Hogging)	(Sagging)								
0	Base Model	0	35	Downshire Hill	Max Slope			35DS - Wall 1	1
1.9663	3.9477	None	0.0039208	3.9741	677.74E-6	-	-	0 (Negligible)	
8.4371	8.8480	None	19.628E-6	5.1868	0.0065815	-	-	0 (Negligible)	
0.0	1.9560	None	0.0017351	5.1604	0.10444	-	-	2 (Slight)	
-	-	-	-	-	-	-	-	(Hogging)	
-	-	-	-	-	-	-	-	(Sagging)	
13.300	13.300	None	680.42E-6	0.64651	35.763E-9	-	-	0 (Negligible)	
0.0	0.92500	None	647.00E-6	0.70998	0.0011360	-	-	0 (Negligible)	
0.0	0.92500	None	647.00E-6	0.70998	0.0011360	-	-	0 (Negligible)	
-	-	-	-	-	-	-	-	(Hogging)	
-	-	-	-	-	-	-	-	(Sagging)	
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	-	2 (Slight)	
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	-	2 (Slight)	
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	-	2 (Slight)	
-	-	-	-	-	-	-	-	(Hogging)	
-	-	-	-	-	-	-	-	(Sagging)	
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	-	2 (Slight)	
3.9987	4.0000	None	500.60E-6	0.50124	0.028350	-	-	0 (Negligible)	

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Stage	Stage	Name	Specific	Specific	Building	Parameter	Critical	Critical
Start	End	Curvature	Max	Slope	Max	Min	Min	Damage
Ref.	Building:	Building:	Radius of	Radius of	Name	Max	Min	Category
Settlement	Tensile	Tensile	Radius of	Radius of	Name	Max	Min	Sub-Building
0.0	1.3182	None	62.994E-6	1.0205	0.029845	-	-	0 (Negligible)
								Sub 17
								1
1.3182	3.9987	None	448.48E-6	1.0022	0.041289	-	-	0 (Negligible)
								Sub 17
								2
-	-	-	-	-	-	-	-	Min Radius of Curvature (Hogging)
-	-	-	-	-	-	-	-	Min Radius of Curvature (Sagging)

Specific Building Damage Results - All Combined Segments

Stage	Stage	Name	Specific	Specific	Building	Sub-building	Vertical	Combined	Start	Length
Curvature	Deflection	Average	Max	Damage	Category	Offset from	Segment	Segment		
Ref.	Building:	Building:	Name	Name	Name	Line for	Vertical			
Ratio	Horizontal	Tensile	Ref.			Calculations				
Strain	Strain					[m]	[m]	[m]		
[%]	[%]	[%]								
0	Base Model	1	35 Downshire Hill	35DS - Wall 1	1	0.0	No combined segments for this			
0.012649	0.067200	0.083172	2 (Slight)	35DS - Wall 2	2	0.0	1	0.0	4.2200	None
0.040473	0.0050231	0.056863	1 (Very Slight)	Sub 16	16	0.0	1	0.0	9.0038	Sagging

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



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Titles

Job No.:
Job Title: 14a Keats Grove
Sub-title: Re-Entrant Corner Analysis
Calculation Heading: Tabular Inputs and Outputs
Initials:
Checker:
Date Saved: 30-Sep-2024
Date Checked:
Notes:
File Name: XDisp1 - Complete Construction - 5 mm Movements - Wall 8 Movements Excluded.xdd
File Path: G:\PROJECTS\2023\J23301 - 14a Keats Grove\GMA Rev 2

History

Date	Time	By	Notes
23-Nov-2023	13:28	Alex Taylor	New
23-Nov-2023	15:48	Alex Taylor	
23-Nov-2023	20:44	Alex Taylor	
02-May-2024	14:23	Alex Taylor	
30-Sep-2024	15:23	Alex Taylor	
30-Sep-2024	16:30	Alex Taylor	Open

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
									type
									for
									tunnels
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]	
1	35 Downshire Hill - Wall 1	70.50000	49.40000	67.85000	65.50000	56.70000	67.85000	9	Surface Yes
Yes									
2	35 Downshire Hill - Wall 2	65.60000	56.70000	67.85000	69.00000	59.20000	67.85000	5	Surface Yes
Yes									
3	35 Downshire Hill - Wall 3	69.10000	59.20000	67.85000	74.10000	51.90000	67.85000	9	Surface Yes
Yes									
4	35 Downshire Hill - Wall 4	74.00000	51.90000	67.85000	70.60000	49.40000	67.85000	5	Surface Yes
Yes									
5	14 Keats Grove - Wall 1	24.30000	44.40000	66.92500	24.30000	51.80000	66.92500	8	Surface Yes
Yes									
6	14 Keats Grove - Wall 2	24.40000	51.80000	66.92500	37.70000	51.80000	66.92500	14	Surface Yes
Yes									
7	14 Keats Grove - Wall 3	37.80000	51.80000	66.92500	37.80000	44.40000	66.92500	8	Surface Yes
Yes									
8	14 Keats Grove - Wall 4	37.70000	44.40000	66.92500	24.40000	44.40000	66.92500	14	Surface Yes
Yes									
9	14 Keats Grove - Wall 5	27.30000	51.90000	66.92500	27.30000	53.80000	66.92500	2	Surface Yes
Yes									
10	14 Keats Grove - Wall 6	27.30000	53.90000	66.92500	29.60000	53.90000	66.92500	5	Surface Yes
Yes									
11	14 Keats Grove - Wall 7	29.60000	53.80000	66.92500	29.60000	51.90000	66.92500	2	Surface Yes
Yes									
12	14 Keats Grove - Wall 8	37.90000	46.60000	66.92500	44.00000	46.60000	66.92500	6	Surface Yes
Yes									
13	14 Keats Grove - Wall 9	44.00000	46.50000	66.92500	44.00000	39.50000	66.92500	7	Surface Yes
Yes									
14	14 Keats Grove - Wall 10	44.00000	39.40000	66.92500	36.70000	39.40000	66.92500	7	Surface Yes
Yes									
15	14 Keats Grove - Wall 11	36.60000	39.40000	66.92500	36.60000	44.30000	66.92500	5	Surface Yes
Yes									
16	Garden Wall 1	63.70000	56.90000	67.85000	73.40000	39.40000	67.85000	20	Surface Yes
Yes									
17	Garden Wall 2	63.80000	57.00000	67.85000	71.80000	63.00000	67.85000	10	Surface Yes
Yes									



14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
	Interpolate Calculate								
	imported								type

Displacement Grids

Ref.	Name	Extrusion:	Base	Base	Base	Base	Base	Base	Base	Extrusion:	Extrusion:
Surface	Calculate	Direction	line	line	line	line	end: Y	line	line:	Distance	Intervals
type			start:	start:	start:	end:		end:	Intervals		
for			X	Y	Z (level)	X		Z (level)			
tunnels			[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]	[No.]
1	Grid 1	Global X	0.00000	0.00000	68.24000	-	100.00000	68.24000	100	100.00000	100
	Surface	Yes									

Polygonal Excavations

Ref. 1
 Excavation Name: Basement Excavation
 Surface level [m]: 67.340
 Contribution: Positive
 Surface movement curves which are selected are applied between surface and [m]: 64.720

Corner	x	y	Base Level	Arc Enabled	Stiffened	Prev. Side:	Prev. Side:	Prev. Side:	Next Side:	Next Side:	Next Side:
	[m]	[m]	[m]			d	p1	p2*	d	p1	p2*
	[m]	[m]	[m]			[m]	[%]	[%]	[m]	[%]	[%]
1	50.000	50.000	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	49.700	52.600	64.720	No	No	-	-	-	-	-	-
3	47.800	52.400	64.720	No	No	-	-	-	-	-	-
4	47.000	56.800	64.720	No	No	-	-	-	-	-	-
5	50.400	57.500	64.720	No	No	-	-	-	-	-	-
6	50.400	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
7	53.400	58.400	64.720	Yes	No	-	-	-	-	-	-
8	56.800	58.300	64.720	Yes	No	-	-	-	-	-	-
9	57.700	53.300	64.720	Yes	No	-	-	-	-	-	-
10	63.500	56.700	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
11	67.600	49.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
12	64.200	48.800	64.720	No	No	-	-	-	-	-	-
13	64.400	48.800	66.370	No	No	-	-	-	-	-	-
14	64.400	47.600	66.370	No	No	-	-	-	-	-	-
15	65.300	46.300	66.370	No	No	-	-	-	-	-	-
16	61.500	44.000	66.370	No	No	-	-	-	-	-	-
17	59.100	46.500	66.370	No	No	-	-	-	-	-	-
18	59.100	46.500	65.030	No	No	-	-	-	-	-	-
19	58.400	50.000	65.030	No	No	-	-	-	-	-	-
20	58.400	50.000	64.720	No	No	-	-	-	-	-	-

Side	x1	y1	x2	y2	G.M. Curve:	Vertical	G.M. Curve:	Horizontal
	[m]	[m]	[m]	[m]				
1	50.000	50.000	49.700	52.600	5 mm	Movement Curve	5mm	Movement Curve
2	49.700	52.600	47.800	52.400	5 mm	Movement Curve	5mm	Movement Curve
3	47.800	52.400	47.000	56.800	5 mm	Movement Curve	5mm	Movement Curve
4	47.000	56.800	50.400	57.500	5 mm	Movement Curve	5mm	Movement Curve
5	50.400	57.500	50.400	58.300	5 mm	Movement Curve	5mm	Movement Curve
6	50.400	58.300	53.400	58.400	5 mm	Movement Curve	5mm	Movement Curve
7	53.400	58.400	56.800	58.300	5 mm	Movement Curve	5mm	Movement Curve
8	56.800	58.300	57.700	53.300	5 mm	Movement Curve	5mm	Movement Curve
9	57.700	53.300	63.500	56.700	5 mm	Movement Curve	5mm	Movement Curve
10	63.500	56.700	67.600	49.300	5 mm	Movement Curve	5mm	Movement Curve
11	67.600	49.300	64.200	48.800	5 mm	Movement Curve	5mm	Movement Curve
12	64.200	48.800	64.400	48.800	No vertical ground movement		No horizontal ground movement	
13	64.400	48.800	64.400	47.600	5 mm	Movement Curve	5mm	Movement Curve
14	64.400	47.600	65.300	46.300	5 mm	Movement Curve	5mm	Movement Curve
15	65.300	46.300	61.500	44.000	5 mm	Movement Curve	5mm	Movement Curve
16	61.500	44.000	59.100	46.500	5 mm	Movement Curve	5mm	Movement Curve
17	59.100	46.500	59.100	46.500	No vertical ground movement		No horizontal ground movement	



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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
18	59.100	46.500	58.400	50.000	5 mm Movement Curve	5mm Movement Curve
19	58.400	50.000	58.400	50.000	No vertical ground movement	No horizontal ground movement
20	58.400	50.000	50.000	50.000	5 mm Movement Curve	5mm Movement Curve

Ref. 2
Excavation Name: Retaining Wall Installation
 Surface level [m]: 67.340
 Contribution: Positive
 Surface movement curves which are selected are applied between surface and [m]: 64.720

Corner	x [m]	y [m]	Base Level [m]	Arc Enabled	Stiffened	Prev. Side [m]	Prev. Side: p1 [%]	Prev. Side: p2* [%]	Next Side [m]	Next Side: p1 [%]	Next Side: p2* [%]
1	50.000	50.000	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	49.700	52.600	64.720	No	No	-	-	-	-	-	-
3	47.800	52.400	64.720	No	No	-	-	-	-	-	-
4	47.000	56.800	64.720	No	No	-	-	-	-	-	-
5	50.400	57.500	64.720	No	No	-	-	-	-	-	-
6	50.400	58.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
7	53.400	58.400	64.720	Yes	No	-	-	-	-	-	-
8	56.800	58.300	64.720	Yes	No	-	-	-	-	-	-
9	57.700	53.300	64.720	Yes	No	-	-	-	-	-	-
10	63.500	56.700	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
11	67.600	49.300	64.720	No	Yes	0.0	67.000	25.000	0.0	67.000	25.000
12	64.200	48.800	64.720	No	No	-	-	-	-	-	-
13	64.400	48.800	66.370	No	No	-	-	-	-	-	-
14	64.400	47.600	66.370	No	No	-	-	-	-	-	-
15	65.300	46.300	66.370	No	No	-	-	-	-	-	-
16	61.500	44.000	66.370	No	No	-	-	-	-	-	-
17	59.100	46.500	66.370	No	No	-	-	-	-	-	-
18	59.100	46.500	65.030	No	No	-	-	-	-	-	-
19	58.400	50.000	65.030	No	No	-	-	-	-	-	-
20	58.400	50.000	64.720	No	No	-	-	-	-	-	-

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	50.000	50.000	49.700	52.600	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
2	49.700	52.600	47.800	52.400	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
3	47.800	52.400	47.000	56.800	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
4	47.000	56.800	50.400	57.500	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
5	50.400	57.500	50.400	58.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
6	50.400	58.300	53.400	58.400	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
7	53.400	58.400	56.800	58.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
8	56.800	58.300	57.700	53.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
9	57.700	53.300	63.500	56.700	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
10	63.500	56.700	67.600	49.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
11	67.600	49.300	64.200	48.800	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
12	64.200	48.800	64.400	48.800	No vertical ground movement	No horizontal ground movement
13	64.400	48.800	64.400	47.600	Inst. of planar diaphragm wall	Inst. of planar diaphragm wall

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
					in stiff clay (CIRIA C760 Fig. 6.9(b))	in stiff clay (CIRIA C760 Fig. 6.9(a))
14	64.400	47.600	65.300	46.300	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
15	65.300	46.300	61.500	44.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
16	61.500	44.000	59.100	46.500	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
17	59.100	46.500	59.100	46.500	No vertical ground movement	No horizontal ground movement
18	59.100	46.500	58.400	50.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
19	58.400	50.000	58.400	50.000	No vertical ground movement	No horizontal ground movement
20	58.400	50.000	50.000	50.000	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))

Circular Excavations

Vertical Ground Movement Curves

Curve Name: No vertical ground movement
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = 0.0x + 0.0
Coeff. of Determination:

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.050] [0.050,0.000,0.047] [0.100,0.000,0.043] [0.150,0.000,0.040]
 [0.200,0.000,0.037] [0.250,0.000,0.034] [0.300,0.000,0.031] [0.350,0.000,0.028]
 [0.400,0.000,0.025] [0.450,0.000,0.022] [0.500,0.000,0.020] [0.550,0.000,0.018]
 [0.600,0.000,0.015] [0.650,0.000,0.013] [0.700,0.000,0.012] [0.750,0.000,0.010]
 [0.800,0.000,0.008] [0.850,0.000,0.007] [0.900,0.000,0.006] [0.950,0.000,0.005]
 [1.000,0.000,0.004] [1.050,0.000,0.003] [1.100,0.000,0.003] [1.150,0.000,0.002]
 [1.200,0.000,0.002] [1.250,0.000,0.001] [1.300,0.000,0.001] [1.350,0.000,0.001]
 [1.400,0.000,0.001] [1.450,0.000,0.000] [1.500,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = -1.2355E-2x⁴ + 3.4814E-2x³ - 2.8885E-3x² - 6.5618E-2x + 4.9987E-2
Coeff. of Determination: 1.0000

Curve Name: Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.050] [0.050,0.000,0.047] [0.100,0.000,0.043] [0.150,0.000,0.040]
 [0.200,0.000,0.037] [0.250,0.000,0.034] [0.300,0.000,0.031] [0.350,0.000,0.028]
 [0.400,0.000,0.025] [0.450,0.000,0.022] [0.500,0.000,0.020] [0.550,0.000,0.018]
 [0.600,0.000,0.015] [0.650,0.000,0.013] [0.700,0.000,0.012] [0.750,0.000,0.010]
 [0.800,0.000,0.008] [0.850,0.000,0.007] [0.900,0.000,0.006] [0.950,0.000,0.005]
 [1.000,0.000,0.004] [1.050,0.000,0.003] [1.100,0.000,0.003] [1.150,0.000,0.002]
 [1.200,0.000,0.002] [1.250,0.000,0.001] [1.300,0.000,0.001] [1.350,0.000,0.001]
 [1.400,0.000,0.001] [1.450,0.000,0.000] [1.500,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 4
y Order: 0

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
Polynomial: $z = -1.2355E-2x^4 + 3.4814E-2x^3 - 2.8885E-3x^2 - 6.5618E-2x + 4.9987E-2$ Coeff. of Determination: 1.0000						
Curve Name: 5 mm Movement Curve Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)] [0.000,0.000,0.075] [0.100,0.000,0.095] [0.200,0.000,0.109] [0.300,0.000,0.121] [0.400,0.000,0.131] [0.500,0.000,0.136] [0.600,0.000,0.141] [0.700,0.000,0.142] [0.800,0.000,0.142] [0.900,0.000,0.141] [1.000,0.000,0.136] [1.100,0.000,0.132] [1.200,0.000,0.126] [1.300,0.000,0.119] [1.400,0.000,0.113] [1.500,0.000,0.104] [1.600,0.000,0.098] [1.700,0.000,0.089] [1.800,0.000,0.082] [1.900,0.000,0.074] [2.000,0.000,0.067] [2.100,0.000,0.059] [2.200,0.000,0.053] [2.300,0.000,0.045] [2.400,0.000,0.039] [2.500,0.000,0.033] [2.600,0.000,0.027] [2.700,0.000,0.023] [2.800,0.000,0.020] [2.900,0.000,0.016] [3.000,0.000,0.013] [3.100,0.000,0.010] [3.200,0.000,0.080] [3.300,0.000,0.080] [3.400,0.000,0.062] [3.500,0.000,0.035] [3.600,0.000,0.035] [3.700,0.000,0.035] [3.800,0.000,0.018] [3.900,0.000,0.018] [4.000,0.000,0.000]						
Curve Fitting Method: Polynomial x Order: 4 y Order: 0 Polynomial: $z = -1.0706E-2x^4 + 9.7701E-2x^3 - 2.9218E-1x^2 + 2.7669E-1x + 6.5796E-2$ Coeff. of Determination: 9.1335E-1						

Horizontal Ground Movement Curves

Curve Name:	No horizontal ground movement
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)] [0.000,0.000,0.000] [1.000,0.000,0.000] [0.000,1.000,0.000] [1.000,1.000,0.000]
Curve Fitting Method:	Polynomial
x Order:	0
y Order:	0
Polynomial: z =	0.0
Coeff. of Determination:	

Curve Name:	Inst. of planar diaphragm wall in stiff clay (CIRIA C580 Fig. 2.9(a))
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)] [0.000,0.000,0.050] [1.500,0.000,0.000]
Curve Fitting Method:	Polynomial
x Order:	1
y Order:	0
Polynomial: z =	-3.33E-2x + 5.00E-2
Coeff. of Determination:	1.00

Curve Name:	Inst. of planar diaphragm wall in stiff clay (CIRIA C760 Fig. 6.9(a))
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)] [0.000,0.000,0.050] [1.500,0.000,0.000]
Curve Fitting Method:	Polynomial
x Order:	1
y Order:	0
Polynomial: z =	-3.33E-2x + 5.00E-2
Coeff. of Determination:	1.00

Curve Name:	5mm Movement Curve
Coordinates:	[Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)] [0.000,0.000,0.142] [4.000,0.000,0.000]
Curve Fitting Method:	Polynomial
x Order:	1
y Order:	0
Polynomial: z =	-3.55E-2x + 1.42E-1
Coeff. of Determination:	1.00

Damage Category Strains

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

Specific Buildings - Geometry

Ref.	Building Name	Sub-Building	Displacement	Line	Distance	Distance	Vertical	
Vertical	Damage Category	Poisson's	E/G		Along	Along	Offsets from	Limit
Displacement	Strains	Ratio			Line: Start	Line: End	Line for Vertical Movement	
Sensitivity					[m]	[m]	Calculations [m]	[mm]
1	35 Downshire Hill	35DS - Wall 1	35 Downshire Hill - Wall 1		0.00000	8.84800	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
2	35 Downshire Hill	35DS - Wall 2	35 Downshire Hill - Wall 2		0.00000	4.22000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
3	35 Downshire Hill	35DS - Wall 3	35 Downshire Hill - Wall 3		0.00000	8.84800	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
4	35 Downshire Hill	35DS - Wall 4	35 Downshire Hill - Wall 4		0.00000	4.22000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
5	14 Keats Grove	14KG - Wall 1	14 Keats Grove - Wall 1		0.00000	7.39900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
6	14 Keats Grove	14KG - Wall 2	14 Keats Grove - Wall 2		0.00000	13.30000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
7	14 Keats Grove	14KG - Wall 3	14 Keats Grove - Wall 3		0.00000	7.39900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
8	14 Keats Grove	14KG - Wall 4	14 Keats Grove - Wall 4		0.00000	13.30000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
9	14 Keats Grove	14KG - Wall 5	14 Keats Grove - Wall 5		0.00000	1.89900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
10	14 Keats Grove	14KG - Wall 6	14 Keats Grove - Wall 6		0.00000	2.30000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
11	14 Keats Grove	14KG - Wall 7	14 Keats Grove - Wall 7		0.00000	1.89900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
12	14 Keats Grove	14KG - Wall 8	14 Keats Grove - Wall 8		0.00000	6.10000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
13	14 Keats Grove	14KG - Wall 9	14 Keats Grove - Wall 9		0.00000	7.00000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
14	14 Keats Grove	14KG - Wall 10	14 Keats Grove - Wall 10		0.00000	7.29900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
15	14 Keats Grove	14KG - Wall 11	14 Keats Grove - Wall 11		0.00000	4.89900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
16	Garden Wall 1	Sub 16	Garden Wall 1		0.00000	20.00800	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
17	Garden Wall 2	Sub 17	Garden Wall 2		0.00000	10.00000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					

Specific Buildings - Bending Parameters

Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:	
Sagging:	Name				2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of	
Dist. of					of Area	Bending	N.A. from	of Area	Bending	
N.A. from					(per unit	Strain	Edge of	(per unit	Strain	
Edge of					width)	from N.A.	Beam in	width)	from N.A.	
Beam in							Tension			
Tension					[m]	[m³]	[m]	[m]	[m³]	[m]
[m]										
1	35 Downshire Hill	35DS - Wall 1	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000	



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Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:	
Sagging:										
	Name				2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of	
2.0000	2	35 Downshire Hill	35DS - Wall 2	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000	3	35 Downshire Hill	35DS - Wall 3	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000	4	35 Downshire Hill	35DS - Wall 4	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000	5	14 Keats Grove	14KG - Wall 1	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500	6	14 Keats Grove	14KG - Wall 2	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500	7	14 Keats Grove	14KG - Wall 3	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500	8	14 Keats Grove	14KG - Wall 4	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500	9	14 Keats Grove	14KG - Wall 5	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500	10	14 Keats Grove	14KG - Wall 6	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
3.7500	11	14 Keats Grove	14KG - Wall 7	7.5000	Yes	140.63	7.5000	7.5000	35.156	3.7500
2.0000	12	14 Keats Grove	14KG - Wall 8	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000	13	14 Keats Grove	14KG - Wall 9	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000	14	14 Keats Grove	14KG - Wall 10	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
2.0000	15	14 Keats Grove	14KG - Wall 11	4.0000	Yes	21.333	4.0000	4.0000	5.3333	2.0000
1.2500	16	Garden Wall 1	Sub 16	2.5000	Yes	5.2083	2.5000	2.5000	1.3021	1.2500
1.2500	17	Garden Wall 2	Sub 17	2.5000	Yes	5.2083	2.5000	2.5000	1.3021	1.2500

Warnings

- Multiple excavations have been specified. Displacements resulting from each excavation are summed with no account taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).
- The following polygonal excavations have one or more re-entrant corners: 1, 2. The use of re-entrant corners is permitted but not recommended. CIRIA C580/C760, on which XDisp's method for modelling ground movements behind walls of excavations is based, considers only movements for points lying at right angles behind single walls. It does not consider how movements should be calculated within the zone of influence of re-entrant corners, i.e. where movements would be influenced by two walls adjacent to the re-entrant corner. By default, XDisp will merely sum the effects from both walls, making no allowance for interaction or stiffening of the corner. Please refer to help manual for artificial smoothing options. Re-entrant corners should be used with caution. Results in their vicinity should be validated independently.
- If an embedded wall excavation is assigned a 'surface' ground movement curve and if the 'allow movement calculation to level' option is checked for the excavation then displacements induced by it are calculated for points at the surface, and points below the surface to the level specified. Others are ignored. An example of such a combination, for which displacements will not be calculated is Excavation XP1/Side 1/Grid 1/Vertical. This is an example only. There are 475 others.
- If an embedded wall excavation is assigned a 'sub-surface' ground movement curve then displacements induced by it can only be calculated for those points that are level with or below the embedded wall excavation's 'surface level'. Others are ignored. An example of such a combination, for which displacements will not be calculated is Excavation XP1/Side 12/Grid 1/Vertical. This is an example only. There are 83 others.

Errors

None

Displacement Results - Displacement Lines

Stage:	Stage:	Disp.	Disp. Line: Name	Chainage	x	y	z	δx	δy
δz	δH//	δHperp.	Angle						
Ref.	Name	Line:							
		Ref.							



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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

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[mm]	[mm]	[mm]	[°]	[m]	[m]	[m]	[m]	[mm]	[mm]
0	Base Model 1	35	Downshire Hill - Wall 1	0.0	70.50000	49.40000	67.85000	0.0	0.0
0.0	0.0	0.0	124.41						
				0.98313	69.94444	50.21111	67.85000	0.0	0.0
0.0	0.0	0.0	124.41						
				1.9663	69.38889	51.02222	67.85000	-2.9555	-1.6375
3.8559	0.31913	3.3637	124.41						
				2.9494	68.83333	51.83333	67.85000	-3.0114	-1.6685
3.9163	0.32516	3.4273	124.41						
				3.9325	68.27778	52.64444	67.85000	-3.0673	-1.6994
3.9733	0.33120	3.4910	124.41						
				4.9156	67.72222	53.45556	67.85000	-3.1232	-1.7304
4.0265	0.33724	3.5546	124.41						
				5.8988	67.16667	54.26667	67.85000	-3.1791	-1.7614
4.0755	0.34327	3.6182	124.41						
				6.8819	66.61111	55.07778	67.85000	-3.7224	-1.8801
5.1098	0.55234	4.1335	124.41						
				7.8650	66.05556	55.88889	67.85000	-3.9191	-1.9364
5.1675	0.61704	4.3276	124.41						
				8.8482	65.50000	56.70000	67.85000	-4.1159	-1.9928
5.1868	0.68174	4.5218	124.41						
	2	35	Downshire Hill - Wall 2	0.0	65.60000	56.70000	67.85000	-4.0288	-1.9574
5.1604	-4.4053	0.80966	36.327						
				0.84404	66.28000	57.20000	67.85000	-3.2600	-1.6305
4.6444	-3.5923	0.61761	36.327						
				1.6881	66.96000	57.70000	67.85000	-2.4912	-1.3035
3.7088	-2.7792	0.42556	36.327						
				2.5321	67.64000	58.20000	67.85000	-1.9040	-1.0549
2.2432	-2.1589	0.27802	36.327						
				3.3762	68.32000	58.70000	67.85000	-1.6441	-0.91092
1.6265	-1.8642	0.24006	36.327						
				4.2202	69.00000	59.20000	67.85000	-1.3842	-0.76689
1.1982	-1.5694	0.20211	36.327						
	3	35	Downshire Hill - Wall 3	0.0	69.10000	59.20000	67.85000	-1.3570	-0.75185
1.1662	-0.14652	-1.5444	304.41						
				0.98313	69.65556	58.38889	67.85000	-1.3282	-0.73587
1.1350	-0.14341	-1.5116	304.41						
				1.9663	70.21111	57.57778	67.85000	-1.2993	-0.71989
1.1064	-0.14030	-1.4788	304.41						
				2.9494	70.76667	56.76667	67.85000	-1.2705	-0.70392
1.0806	-0.13718	-1.4460	304.41						
				3.9325	71.32222	55.95556	67.85000	-1.2417	-0.68794
1.0575	-0.13407	-1.4131	304.41						
				4.9156	71.87778	55.14444	67.85000	-1.2128	-0.67197
1.0370	-0.13096	-1.3803	304.41						
				5.8988	72.43333	54.33333	67.85000	-1.1840	-0.65599
1.0190	-0.12784	-1.3475	304.41						
				6.8819	72.98889	53.52222	67.85000	-1.1552	-0.64002
1.0035	-0.12473	-1.3147	304.41						
				7.8650	73.54444	52.71111	67.85000	-1.1263	-0.62404
0.99043	-0.12162	-1.2819	304.41						
				8.8482	74.10000	51.90000	67.85000	0.0	0.0
0.0	0.0	0.0	304.41						
		4	35 Downshire Hill - Wall 4	0.0	74.00000	51.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33						
				0.84404	73.32000	51.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33						
				1.6881	72.64000	50.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33						
				2.5321	71.96000	50.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33						
				3.3762	71.28000	49.90000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33						
				4.2202	70.60000	49.40000	67.85000	0.0	0.0
0.0	0.0	0.0	216.33						
		5	14 Keats Grove - Wall 1	0.0	24.30000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000						
				0.92500	24.30000	45.32500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000						
				1.8500	24.30000	46.25000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000						
				2.7750	24.30000	47.17500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000						
				3.7000	24.30000	48.10000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000						



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Tabular Inputs and Outputs

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	90.000		4.6250	24.30000	49.02500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		5.5500	24.30000	49.95000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		6.4750	24.30000	50.87500	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		7.4000	24.30000	51.80000	66.92500	0.0	0.0
0.0	0.0	6	14 Keats Grove - Wall 2	0.0	24.40000	51.80000	66.92500	0.0	0.0	
0.0	0.0	0.0	0.0		0.95000	25.35000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		1.9000	26.30000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		2.8500	27.25000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		3.8000	28.20000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		4.7500	29.15000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		5.7000	30.10000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		6.6500	31.05000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		7.6000	32.00000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		8.5500	32.95000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		9.5000	33.90000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		10.450	34.85000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		11.400	35.80000	51.80000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0		12.350	36.75000	51.80000	66.92500	0.0	0.0
0.64651	0.15214	0.027661	0.0		13.300	37.70000	51.80000	66.92500	0.15214	0.027661
0.70998	-0.033909	0.18650	270.00	7 14 Keats Grove - Wall 3	0.0	37.80000	51.80000	66.92500	0.18650	0.033909
0.59849	-0.023401	0.12871	270.00		0.92500	37.80000	50.87500	66.92500	0.12871	0.023401
0.0	0.0	0.0	270.00		1.8500	37.80000	49.95000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		2.7750	37.80000	49.02500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		3.7000	37.80000	48.10000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		4.6250	37.80000	47.17500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		5.5500	37.80000	46.25000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		6.4750	37.80000	45.32500	66.92500	0.0	0.0
0.0	0.0	0.0	270.00		7.4000	37.80000	44.40000	66.92500	0.0	0.0
0.0	0.0	8	14 Keats Grove - Wall 4	0.0	37.70000	44.40000	66.92500	0.0	0.0	
0.0	0.0	0.0	180.00		0.95000	36.75000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		1.9000	35.80000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		2.8500	34.85000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		3.8000	33.90000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		4.7500	32.95000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		5.7000	32.00000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		6.6500	31.05000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		7.6000	30.10000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		8.5500	29.15000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00		9.5000	28.20000	44.40000	66.92500	0.0	0.0



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Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	180.00							
					10.450	27.25000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					11.400	26.30000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					12.350	25.35000	44.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					13.300	24.40000	44.40000	66.92500	0.0	0.0
0.0	0.0	9	14	Keats Grove - Wall 5	0.0	27.30000	51.90000	66.92500	0.0	0.0
			90.000							
					0.95000	27.30000	52.85000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000							
					1.9000	27.30000	53.80000	66.92500	0.0	0.0
0.0	0.0	10	14	Keats Grove - Wall 6	0.0	27.30000	53.90000	66.92500	0.0	0.0
			0.0							
					0.46000	27.76000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					0.92000	28.22000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					1.3800	28.68000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					1.8400	29.14000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					2.3000	29.60000	53.90000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					0.0	29.60000	53.80000	66.92500	0.0	0.0
0.0	0.0	11	14	Keats Grove - Wall 7	0.0	29.60000	53.80000	66.92500	0.0	0.0
			270.00							
					0.95000	29.60000	52.85000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					1.9000	29.60000	51.90000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					0.0	37.90000	46.60000	66.92500	0.0	0.0
0.0	0.0	12	14	Keats Grove - Wall 8	0.0	37.90000	46.60000	66.92500	0.0	0.0
			0.0							
					1.0167	38.91667	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					2.0333	39.93333	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					3.0500	40.95000	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					4.0667	41.96667	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					5.0833	42.98333	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					6.1000	44.00000	46.60000	66.92500	0.0	0.0
0.0	0.0	0.0	0.0							
					0.0	44.00000	46.50000	66.92500	0.0	0.0
0.0	0.0	13	14	Keats Grove - Wall 9	0.0	44.00000	46.50000	66.92500	0.0	0.0
			270.00							
					1.0000	44.00000	45.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					2.0000	44.00000	44.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					3.0000	44.00000	43.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					4.0000	44.00000	42.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					5.0000	44.00000	41.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					6.0000	44.00000	40.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					7.0000	44.00000	39.50000	66.92500	0.0	0.0
0.0	0.0	0.0	270.00							
					0.0	44.00000	39.40000	66.92500	0.0	0.0
0.0	0.0	14	14	Keats Grove - Wall 10	0.0	44.00000	39.40000	66.92500	0.0	0.0
			180.00							
					1.0429	42.95714	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					2.0857	41.91429	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					3.1286	40.87143	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					4.1714	39.82857	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					5.2143	38.78571	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							
					6.2571	37.74286	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	180.00							



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Stage: δz Ref.	Stage: δH// Name	Disp. δHperp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.0	0.0	0.0	180.00		7.3000	36.70000	39.40000	66.92500	0.0	0.0
0.0	0.0	15	90.000	14 Keats Grove - Wall 11	0.0	36.60000	39.40000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		0.98000	36.60000	40.38000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		1.9600	36.60000	41.36000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		2.9400	36.60000	42.34000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		3.9200	36.60000	43.32000	66.92500	0.0	0.0
0.0	0.0	0.0	90.000		4.9000	36.60000	44.30000	66.92500	0.0	0.0
1.0436	-0.45031	16	299.00	Garden Wall 1	0.0	63.70000	56.90000	67.85000	-1.3756	-0.24760
4.5171	-0.41430	-1.3232	299.00		1.0004	64.18500	56.02500	67.85000	-5.4993	-2.5745
4.4901	-0.37744	-6.0580	299.00		2.0008	64.67000	55.15000	67.85000	-5.3866	-2.5542
3.5287	-858.31E-6	-5.9495	299.00		3.0013	65.15500	54.27500	67.85000	-4.2362	-2.3471
3.5290	-858.29E-6	-4.8429	299.00		4.0017	65.64000	53.40000	67.85000	-4.2360	-2.3470
3.5293	-858.27E-6	-4.8428	299.00		5.0021	66.12500	52.52500	67.85000	-4.2359	-2.3469
3.5296	-858.25E-6	-4.8427	299.00		6.0025	66.61000	51.65000	67.85000	-4.2358	-2.3469
3.5298	-858.23E-6	-4.8425	299.00		7.0030	67.09500	50.77500	67.85000	-4.2357	-2.3468
3.5301	-858.21E-6	-4.8424	299.00		8.0034	67.58000	49.90000	67.85000	-4.2356	-2.3468
0.15295	0.0019570	-4.8423	299.00		9.0038	68.06500	49.02500	67.85000	-0.016211	-0.011223
0.0	0.0	-0.019620	299.00		10.004	68.55000	48.15000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		11.005	69.03500	47.27500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		12.005	69.52000	46.40000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		13.006	70.00500	45.52500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		14.006	70.49000	44.65000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		15.006	70.97500	43.77500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		16.007	71.46000	42.90000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		17.007	71.94500	42.02500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		18.008	72.43000	41.15000	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		19.008	72.91500	40.27500	67.85000	0.0	0.0
0.0	0.0	0.0	299.00		20.008	73.40000	39.40000	67.85000	0.0	0.0
1.0205	-1.2122	17	36.870	Garden Wall 2	0.0	63.80000	57.00000	67.85000	-1.3350	-0.24030
0.95747	-0.92869	0.60876	36.870		1.0000	64.60000	57.60000	67.85000	-1.0228	-0.18410
1.0024	-0.64519	0.46639	36.870		2.0000	65.40000	58.20000	67.85000	-0.71056	-0.12790
0.94925	-0.36169	0.32401	36.870		3.0000	66.20000	58.80000	67.85000	-0.39833	-0.071700
0.50064	-0.078188	0.18164	36.870		4.0000	67.00000	59.40000	67.85000	-0.086110	-0.015500
0.0	0.0	0.039266	36.870		5.0000	67.80000	60.00000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		6.0000	68.60000	60.60000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		7.0000	69.40000	61.20000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		8.0000	70.20000	61.80000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		9.0000	71.00000	62.40000	67.85000	0.0	0.0
0.0	0.0	0.0	36.870		10.000	71.80000	63.00000	67.85000	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage:	Stage:	Disp.	Disp.	Line: Name	Chainage	x	y	z	δx	δy
δz	δH//	δHperp.	Angle							
Ref.	Name	Line:								
		Ref.								
0.0	0.0	0.0	36.870							

Displacement Results - Displacement Grids

Stage:	Stage:	Disp.	Disp.	x	y	z	δx	δy	δz
Ref.	Name	Grid:	Grid:						
		Ref.	Name	[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1	Grid 1	Grid 1	0.00000	0.00000	68.24000	0.0	0.0	0.0
				1.00000	0.00000	68.24000	0.0	0.0	0.0
				2.00000	0.00000	68.24000	0.0	0.0	0.0
				3.00000	0.00000	68.24000	0.0	0.0	0.0
				4.00000	0.00000	68.24000	0.0	0.0	0.0
				5.00000	0.00000	68.24000	0.0	0.0	0.0
				6.00000	0.00000	68.24000	0.0	0.0	0.0
				7.00000	0.00000	68.24000	0.0	0.0	0.0
				8.00000	0.00000	68.24000	0.0	0.0	0.0
				9.00000	0.00000	68.24000	0.0	0.0	0.0
				10.00000	0.00000	68.24000	0.0	0.0	0.0
				11.00000	0.00000	68.24000	0.0	0.0	0.0
				12.00000	0.00000	68.24000	0.0	0.0	0.0
				13.00000	0.00000	68.24000	0.0	0.0	0.0
				14.00000	0.00000	68.24000	0.0	0.0	0.0
				15.00000	0.00000	68.24000	0.0	0.0	0.0
				16.00000	0.00000	68.24000	0.0	0.0	0.0
				17.00000	0.00000	68.24000	0.0	0.0	0.0
				18.00000	0.00000	68.24000	0.0	0.0	0.0
				19.00000	0.00000	68.24000	0.0	0.0	0.0
				20.00000	0.00000	68.24000	0.0	0.0	0.0
				21.00000	0.00000	68.24000	0.0	0.0	0.0
				22.00000	0.00000	68.24000	0.0	0.0	0.0
				23.00000	0.00000	68.24000	0.0	0.0	0.0
				24.00000	0.00000	68.24000	0.0	0.0	0.0
				25.00000	0.00000	68.24000	0.0	0.0	0.0
				26.00000	0.00000	68.24000	0.0	0.0	0.0
				27.00000	0.00000	68.24000	0.0	0.0	0.0
				28.00000	0.00000	68.24000	0.0	0.0	0.0
				29.00000	0.00000	68.24000	0.0	0.0	0.0
				30.00000	0.00000	68.24000	0.0	0.0	0.0
				31.00000	0.00000	68.24000	0.0	0.0	0.0
				32.00000	0.00000	68.24000	0.0	0.0	0.0
				33.00000	0.00000	68.24000	0.0	0.0	0.0
				34.00000	0.00000	68.24000	0.0	0.0	0.0
				35.00000	0.00000	68.24000	0.0	0.0	0.0
				36.00000	0.00000	68.24000	0.0	0.0	0.0
				37.00000	0.00000	68.24000	0.0	0.0	0.0
				38.00000	0.00000	68.24000	0.0	0.0	0.0
				39.00000	0.00000	68.24000	0.0	0.0	0.0
				40.00000	0.00000	68.24000	0.0	0.0	0.0
				41.00000	0.00000	68.24000	0.0	0.0	0.0
				42.00000	0.00000	68.24000	0.0	0.0	0.0
				43.00000	0.00000	68.24000	0.0	0.0	0.0
				44.00000	0.00000	68.24000	0.0	0.0	0.0
				45.00000	0.00000	68.24000	0.0	0.0	0.0
				46.00000	0.00000	68.24000	0.0	0.0	0.0
				47.00000	0.00000	68.24000	0.0	0.0	0.0
				48.00000	0.00000	68.24000	0.0	0.0	0.0
				49.00000	0.00000	68.24000	0.0	0.0	0.0
				50.00000	0.00000	68.24000	0.0	0.0	0.0
				51.00000	0.00000	68.24000	0.0	0.0	0.0
				52.00000	0.00000	68.24000	0.0	0.0	0.0
				53.00000	0.00000	68.24000	0.0	0.0	0.0
				54.00000	0.00000	68.24000	0.0	0.0	0.0
				55.00000	0.00000	68.24000	0.0	0.0	0.0
				56.00000	0.00000	68.24000	0.0	0.0	0.0
				57.00000	0.00000	68.24000	0.0	0.0	0.0
				58.00000	0.00000	68.24000	0.0	0.0	0.0
				59.00000	0.00000	68.24000	0.0	0.0	0.0
				60.00000	0.00000	68.24000	0.0	0.0	0.0
				61.00000	0.00000	68.24000	0.0	0.0	0.0
				62.00000	0.00000	68.24000	0.0	0.0	0.0
				63.00000	0.00000	68.24000	0.0	0.0	0.0
				64.00000	0.00000	68.24000	0.0	0.0	0.0
				65.00000	0.00000	68.24000	0.0	0.0	0.0
				66.00000	0.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.00000	0.00000	68.24000	0.0	0.0	0.0
				68.00000	0.00000	68.24000	0.0	0.0	0.0
				69.00000	0.00000	68.24000	0.0	0.0	0.0
				70.00000	0.00000	68.24000	0.0	0.0	0.0
				71.00000	0.00000	68.24000	0.0	0.0	0.0
				72.00000	0.00000	68.24000	0.0	0.0	0.0
				73.00000	0.00000	68.24000	0.0	0.0	0.0
				74.00000	0.00000	68.24000	0.0	0.0	0.0
				75.00000	0.00000	68.24000	0.0	0.0	0.0
				76.00000	0.00000	68.24000	0.0	0.0	0.0
				77.00000	0.00000	68.24000	0.0	0.0	0.0
				78.00000	0.00000	68.24000	0.0	0.0	0.0
				79.00000	0.00000	68.24000	0.0	0.0	0.0
				80.00000	0.00000	68.24000	0.0	0.0	0.0
				81.00000	0.00000	68.24000	0.0	0.0	0.0
				82.00000	0.00000	68.24000	0.0	0.0	0.0
				83.00000	0.00000	68.24000	0.0	0.0	0.0
				84.00000	0.00000	68.24000	0.0	0.0	0.0
				85.00000	0.00000	68.24000	0.0	0.0	0.0
				86.00000	0.00000	68.24000	0.0	0.0	0.0
				87.00000	0.00000	68.24000	0.0	0.0	0.0
				88.00000	0.00000	68.24000	0.0	0.0	0.0
				89.00000	0.00000	68.24000	0.0	0.0	0.0
				90.00000	0.00000	68.24000	0.0	0.0	0.0
				91.00000	0.00000	68.24000	0.0	0.0	0.0
				92.00000	0.00000	68.24000	0.0	0.0	0.0
				93.00000	0.00000	68.24000	0.0	0.0	0.0
				94.00000	0.00000	68.24000	0.0	0.0	0.0
				95.00000	0.00000	68.24000	0.0	0.0	0.0
				96.00000	0.00000	68.24000	0.0	0.0	0.0
				97.00000	0.00000	68.24000	0.0	0.0	0.0
				98.00000	0.00000	68.24000	0.0	0.0	0.0
				99.00000	0.00000	68.24000	0.0	0.0	0.0
				100.00000	0.00000	68.24000	0.0	0.0	0.0
				0.00000	1.00000	68.24000	0.0	0.0	0.0
				1.00000	1.00000	68.24000	0.0	0.0	0.0
				2.00000	1.00000	68.24000	0.0	0.0	0.0
				3.00000	1.00000	68.24000	0.0	0.0	0.0
				4.00000	1.00000	68.24000	0.0	0.0	0.0
				5.00000	1.00000	68.24000	0.0	0.0	0.0
				6.00000	1.00000	68.24000	0.0	0.0	0.0
				7.00000	1.00000	68.24000	0.0	0.0	0.0
				8.00000	1.00000	68.24000	0.0	0.0	0.0
				9.00000	1.00000	68.24000	0.0	0.0	0.0
				10.00000	1.00000	68.24000	0.0	0.0	0.0
				11.00000	1.00000	68.24000	0.0	0.0	0.0
				12.00000	1.00000	68.24000	0.0	0.0	0.0
				13.00000	1.00000	68.24000	0.0	0.0	0.0
				14.00000	1.00000	68.24000	0.0	0.0	0.0
				15.00000	1.00000	68.24000	0.0	0.0	0.0
				16.00000	1.00000	68.24000	0.0	0.0	0.0
				17.00000	1.00000	68.24000	0.0	0.0	0.0
				18.00000	1.00000	68.24000	0.0	0.0	0.0
				19.00000	1.00000	68.24000	0.0	0.0	0.0
				20.00000	1.00000	68.24000	0.0	0.0	0.0
				21.00000	1.00000	68.24000	0.0	0.0	0.0
				22.00000	1.00000	68.24000	0.0	0.0	0.0
				23.00000	1.00000	68.24000	0.0	0.0	0.0
				24.00000	1.00000	68.24000	0.0	0.0	0.0
				25.00000	1.00000	68.24000	0.0	0.0	0.0
				26.00000	1.00000	68.24000	0.0	0.0	0.0
				27.00000	1.00000	68.24000	0.0	0.0	0.0
				28.00000	1.00000	68.24000	0.0	0.0	0.0
				29.00000	1.00000	68.24000	0.0	0.0	0.0
				30.00000	1.00000	68.24000	0.0	0.0	0.0
				31.00000	1.00000	68.24000	0.0	0.0	0.0
				32.00000	1.00000	68.24000	0.0	0.0	0.0
				33.00000	1.00000	68.24000	0.0	0.0	0.0
				34.00000	1.00000	68.24000	0.0	0.0	0.0
				35.00000	1.00000	68.24000	0.0	0.0	0.0
				36.00000	1.00000	68.24000	0.0	0.0	0.0
				37.00000	1.00000	68.24000	0.0	0.0	0.0
				38.00000	1.00000	68.24000	0.0	0.0	0.0
				39.00000	1.00000	68.24000	0.0	0.0	0.0
				40.00000	1.00000	68.24000	0.0	0.0	0.0
				41.00000	1.00000	68.24000	0.0	0.0	0.0
				42.00000	1.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				43.00000	1.00000	68.24000	0.0	0.0	0.0
				44.00000	1.00000	68.24000	0.0	0.0	0.0
				45.00000	1.00000	68.24000	0.0	0.0	0.0
				46.00000	1.00000	68.24000	0.0	0.0	0.0
				47.00000	1.00000	68.24000	0.0	0.0	0.0
				48.00000	1.00000	68.24000	0.0	0.0	0.0
				49.00000	1.00000	68.24000	0.0	0.0	0.0
				50.00000	1.00000	68.24000	0.0	0.0	0.0
				51.00000	1.00000	68.24000	0.0	0.0	0.0
				52.00000	1.00000	68.24000	0.0	0.0	0.0
				53.00000	1.00000	68.24000	0.0	0.0	0.0
				54.00000	1.00000	68.24000	0.0	0.0	0.0
				55.00000	1.00000	68.24000	0.0	0.0	0.0
				56.00000	1.00000	68.24000	0.0	0.0	0.0
				57.00000	1.00000	68.24000	0.0	0.0	0.0
				58.00000	1.00000	68.24000	0.0	0.0	0.0
				59.00000	1.00000	68.24000	0.0	0.0	0.0
				60.00000	1.00000	68.24000	0.0	0.0	0.0
				61.00000	1.00000	68.24000	0.0	0.0	0.0
				62.00000	1.00000	68.24000	0.0	0.0	0.0
				63.00000	1.00000	68.24000	0.0	0.0	0.0
				64.00000	1.00000	68.24000	0.0	0.0	0.0
				65.00000	1.00000	68.24000	0.0	0.0	0.0
				66.00000	1.00000	68.24000	0.0	0.0	0.0
				67.00000	1.00000	68.24000	0.0	0.0	0.0
				68.00000	1.00000	68.24000	0.0	0.0	0.0
				69.00000	1.00000	68.24000	0.0	0.0	0.0
				70.00000	1.00000	68.24000	0.0	0.0	0.0
				71.00000	1.00000	68.24000	0.0	0.0	0.0
				72.00000	1.00000	68.24000	0.0	0.0	0.0
				73.00000	1.00000	68.24000	0.0	0.0	0.0
				74.00000	1.00000	68.24000	0.0	0.0	0.0
				75.00000	1.00000	68.24000	0.0	0.0	0.0
				76.00000	1.00000	68.24000	0.0	0.0	0.0
				77.00000	1.00000	68.24000	0.0	0.0	0.0
				78.00000	1.00000	68.24000	0.0	0.0	0.0
				79.00000	1.00000	68.24000	0.0	0.0	0.0
				80.00000	1.00000	68.24000	0.0	0.0	0.0
				81.00000	1.00000	68.24000	0.0	0.0	0.0
				82.00000	1.00000	68.24000	0.0	0.0	0.0
				83.00000	1.00000	68.24000	0.0	0.0	0.0
				84.00000	1.00000	68.24000	0.0	0.0	0.0
				85.00000	1.00000	68.24000	0.0	0.0	0.0
				86.00000	1.00000	68.24000	0.0	0.0	0.0
				87.00000	1.00000	68.24000	0.0	0.0	0.0
				88.00000	1.00000	68.24000	0.0	0.0	0.0
				89.00000	1.00000	68.24000	0.0	0.0	0.0
				90.00000	1.00000	68.24000	0.0	0.0	0.0
				91.00000	1.00000	68.24000	0.0	0.0	0.0
				92.00000	1.00000	68.24000	0.0	0.0	0.0
				93.00000	1.00000	68.24000	0.0	0.0	0.0
				94.00000	1.00000	68.24000	0.0	0.0	0.0
				95.00000	1.00000	68.24000	0.0	0.0	0.0
				96.00000	1.00000	68.24000	0.0	0.0	0.0
				97.00000	1.00000	68.24000	0.0	0.0	0.0
				98.00000	1.00000	68.24000	0.0	0.0	0.0
				99.00000	1.00000	68.24000	0.0	0.0	0.0
				100.00000	1.00000	68.24000	0.0	0.0	0.0
				0.00000	2.00000	68.24000	0.0	0.0	0.0
				1.00000	2.00000	68.24000	0.0	0.0	0.0
				2.00000	2.00000	68.24000	0.0	0.0	0.0
				3.00000	2.00000	68.24000	0.0	0.0	0.0
				4.00000	2.00000	68.24000	0.0	0.0	0.0
				5.00000	2.00000	68.24000	0.0	0.0	0.0
				6.00000	2.00000	68.24000	0.0	0.0	0.0
				7.00000	2.00000	68.24000	0.0	0.0	0.0
				8.00000	2.00000	68.24000	0.0	0.0	0.0
				9.00000	2.00000	68.24000	0.0	0.0	0.0
				10.00000	2.00000	68.24000	0.0	0.0	0.0
				11.00000	2.00000	68.24000	0.0	0.0	0.0
				12.00000	2.00000	68.24000	0.0	0.0	0.0
				13.00000	2.00000	68.24000	0.0	0.0	0.0
				14.00000	2.00000	68.24000	0.0	0.0	0.0
				15.00000	2.00000	68.24000	0.0	0.0	0.0
				16.00000	2.00000	68.24000	0.0	0.0	0.0
				17.00000	2.00000	68.24000	0.0	0.0	0.0
				18.00000	2.00000	68.24000	0.0	0.0	0.0



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
19.00000		2.00000		68.24000			0.0	0.0	0.0
20.00000		2.00000		68.24000			0.0	0.0	0.0
21.00000		2.00000		68.24000			0.0	0.0	0.0
22.00000		2.00000		68.24000			0.0	0.0	0.0
23.00000		2.00000		68.24000			0.0	0.0	0.0
24.00000		2.00000		68.24000			0.0	0.0	0.0
25.00000		2.00000		68.24000			0.0	0.0	0.0
26.00000		2.00000		68.24000			0.0	0.0	0.0
27.00000		2.00000		68.24000			0.0	0.0	0.0
28.00000		2.00000		68.24000			0.0	0.0	0.0
29.00000		2.00000		68.24000			0.0	0.0	0.0
30.00000		2.00000		68.24000			0.0	0.0	0.0
31.00000		2.00000		68.24000			0.0	0.0	0.0
32.00000		2.00000		68.24000			0.0	0.0	0.0
33.00000		2.00000		68.24000			0.0	0.0	0.0
34.00000		2.00000		68.24000			0.0	0.0	0.0
35.00000		2.00000		68.24000			0.0	0.0	0.0
36.00000		2.00000		68.24000			0.0	0.0	0.0
37.00000		2.00000		68.24000			0.0	0.0	0.0
38.00000		2.00000		68.24000			0.0	0.0	0.0
39.00000		2.00000		68.24000			0.0	0.0	0.0
40.00000		2.00000		68.24000			0.0	0.0	0.0
41.00000		2.00000		68.24000			0.0	0.0	0.0
42.00000		2.00000		68.24000			0.0	0.0	0.0
43.00000		2.00000		68.24000			0.0	0.0	0.0
44.00000		2.00000		68.24000			0.0	0.0	0.0
45.00000		2.00000		68.24000			0.0	0.0	0.0
46.00000		2.00000		68.24000			0.0	0.0	0.0
47.00000		2.00000		68.24000			0.0	0.0	0.0
48.00000		2.00000		68.24000			0.0	0.0	0.0
49.00000		2.00000		68.24000			0.0	0.0	0.0
50.00000		2.00000		68.24000			0.0	0.0	0.0
51.00000		2.00000		68.24000			0.0	0.0	0.0
52.00000		2.00000		68.24000			0.0	0.0	0.0
53.00000		2.00000		68.24000			0.0	0.0	0.0
54.00000		2.00000		68.24000			0.0	0.0	0.0
55.00000		2.00000		68.24000			0.0	0.0	0.0
56.00000		2.00000		68.24000			0.0	0.0	0.0
57.00000		2.00000		68.24000			0.0	0.0	0.0
58.00000		2.00000		68.24000			0.0	0.0	0.0
59.00000		2.00000		68.24000			0.0	0.0	0.0
60.00000		2.00000		68.24000			0.0	0.0	0.0
61.00000		2.00000		68.24000			0.0	0.0	0.0
62.00000		2.00000		68.24000			0.0	0.0	0.0
63.00000		2.00000		68.24000			0.0	0.0	0.0
64.00000		2.00000		68.24000			0.0	0.0	0.0
65.00000		2.00000		68.24000			0.0	0.0	0.0
66.00000		2.00000		68.24000			0.0	0.0	0.0
67.00000		2.00000		68.24000			0.0	0.0	0.0
68.00000		2.00000		68.24000			0.0	0.0	0.0
69.00000		2.00000		68.24000			0.0	0.0	0.0
70.00000		2.00000		68.24000			0.0	0.0	0.0
71.00000		2.00000		68.24000			0.0	0.0	0.0
72.00000		2.00000		68.24000			0.0	0.0	0.0
73.00000		2.00000		68.24000			0.0	0.0	0.0
74.00000		2.00000		68.24000			0.0	0.0	0.0
75.00000		2.00000		68.24000			0.0	0.0	0.0
76.00000		2.00000		68.24000			0.0	0.0	0.0
77.00000		2.00000		68.24000			0.0	0.0	0.0
78.00000		2.00000		68.24000			0.0	0.0	0.0
79.00000		2.00000		68.24000			0.0	0.0	0.0
80.00000		2.00000		68.24000			0.0	0.0	0.0
81.00000		2.00000		68.24000			0.0	0.0	0.0
82.00000		2.00000		68.24000			0.0	0.0	0.0
83.00000		2.00000		68.24000			0.0	0.0	0.0
84.00000		2.00000		68.24000			0.0	0.0	0.0
85.00000		2.00000		68.24000			0.0	0.0	0.0
86.00000		2.00000		68.24000			0.0	0.0	0.0
87.00000		2.00000		68.24000			0.0	0.0	0.0
88.00000		2.00000		68.24000			0.0	0.0	0.0
89.00000		2.00000		68.24000			0.0	0.0	0.0
90.00000		2.00000		68.24000			0.0	0.0	0.0
91.00000		2.00000		68.24000			0.0	0.0	0.0
92.00000		2.00000		68.24000			0.0	0.0	0.0
93.00000		2.00000		68.24000			0.0	0.0	0.0
94.00000		2.00000		68.24000			0.0	0.0	0.0
95.00000		2.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
96.00000		2.00000		68.24000			0.0	0.0	0.0
97.00000		2.00000		68.24000			0.0	0.0	0.0
98.00000		2.00000		68.24000			0.0	0.0	0.0
99.00000		2.00000		68.24000			0.0	0.0	0.0
100.00000		2.00000		68.24000			0.0	0.0	0.0
0.00000		3.00000		68.24000			0.0	0.0	0.0
1.00000		3.00000		68.24000			0.0	0.0	0.0
2.00000		3.00000		68.24000			0.0	0.0	0.0
3.00000		3.00000		68.24000			0.0	0.0	0.0
4.00000		3.00000		68.24000			0.0	0.0	0.0
5.00000		3.00000		68.24000			0.0	0.0	0.0
6.00000		3.00000		68.24000			0.0	0.0	0.0
7.00000		3.00000		68.24000			0.0	0.0	0.0
8.00000		3.00000		68.24000			0.0	0.0	0.0
9.00000		3.00000		68.24000			0.0	0.0	0.0
10.00000		3.00000		68.24000			0.0	0.0	0.0
11.00000		3.00000		68.24000			0.0	0.0	0.0
12.00000		3.00000		68.24000			0.0	0.0	0.0
13.00000		3.00000		68.24000			0.0	0.0	0.0
14.00000		3.00000		68.24000			0.0	0.0	0.0
15.00000		3.00000		68.24000			0.0	0.0	0.0
16.00000		3.00000		68.24000			0.0	0.0	0.0
17.00000		3.00000		68.24000			0.0	0.0	0.0
18.00000		3.00000		68.24000			0.0	0.0	0.0
19.00000		3.00000		68.24000			0.0	0.0	0.0
20.00000		3.00000		68.24000			0.0	0.0	0.0
21.00000		3.00000		68.24000			0.0	0.0	0.0
22.00000		3.00000		68.24000			0.0	0.0	0.0
23.00000		3.00000		68.24000			0.0	0.0	0.0
24.00000		3.00000		68.24000			0.0	0.0	0.0
25.00000		3.00000		68.24000			0.0	0.0	0.0
26.00000		3.00000		68.24000			0.0	0.0	0.0
27.00000		3.00000		68.24000			0.0	0.0	0.0
28.00000		3.00000		68.24000			0.0	0.0	0.0
29.00000		3.00000		68.24000			0.0	0.0	0.0
30.00000		3.00000		68.24000			0.0	0.0	0.0
31.00000		3.00000		68.24000			0.0	0.0	0.0
32.00000		3.00000		68.24000			0.0	0.0	0.0
33.00000		3.00000		68.24000			0.0	0.0	0.0
34.00000		3.00000		68.24000			0.0	0.0	0.0
35.00000		3.00000		68.24000			0.0	0.0	0.0
36.00000		3.00000		68.24000			0.0	0.0	0.0
37.00000		3.00000		68.24000			0.0	0.0	0.0
38.00000		3.00000		68.24000			0.0	0.0	0.0
39.00000		3.00000		68.24000			0.0	0.0	0.0
40.00000		3.00000		68.24000			0.0	0.0	0.0
41.00000		3.00000		68.24000			0.0	0.0	0.0
42.00000		3.00000		68.24000			0.0	0.0	0.0
43.00000		3.00000		68.24000			0.0	0.0	0.0
44.00000		3.00000		68.24000			0.0	0.0	0.0
45.00000		3.00000		68.24000			0.0	0.0	0.0
46.00000		3.00000		68.24000			0.0	0.0	0.0
47.00000		3.00000		68.24000			0.0	0.0	0.0
48.00000		3.00000		68.24000			0.0	0.0	0.0
49.00000		3.00000		68.24000			0.0	0.0	0.0
50.00000		3.00000		68.24000			0.0	0.0	0.0
51.00000		3.00000		68.24000			0.0	0.0	0.0
52.00000		3.00000		68.24000			0.0	0.0	0.0
53.00000		3.00000		68.24000			0.0	0.0	0.0
54.00000		3.00000		68.24000			0.0	0.0	0.0
55.00000		3.00000		68.24000			0.0	0.0	0.0
56.00000		3.00000		68.24000			0.0	0.0	0.0
57.00000		3.00000		68.24000			0.0	0.0	0.0
58.00000		3.00000		68.24000			0.0	0.0	0.0
59.00000		3.00000		68.24000			0.0	0.0	0.0
60.00000		3.00000		68.24000			0.0	0.0	0.0
61.00000		3.00000		68.24000			0.0	0.0	0.0
62.00000		3.00000		68.24000			0.0	0.0	0.0
63.00000		3.00000		68.24000			0.0	0.0	0.0
64.00000		3.00000		68.24000			0.0	0.0	0.0
65.00000		3.00000		68.24000			0.0	0.0	0.0
66.00000		3.00000		68.24000			0.0	0.0	0.0
67.00000		3.00000		68.24000			0.0	0.0	0.0
68.00000		3.00000		68.24000			0.0	0.0	0.0
69.00000		3.00000		68.24000			0.0	0.0	0.0
70.00000		3.00000		68.24000			0.0	0.0	0.0
71.00000		3.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				72.00000	3.00000	68.24000	0.0	0.0	0.0
				73.00000	3.00000	68.24000	0.0	0.0	0.0
				74.00000	3.00000	68.24000	0.0	0.0	0.0
				75.00000	3.00000	68.24000	0.0	0.0	0.0
				76.00000	3.00000	68.24000	0.0	0.0	0.0
				77.00000	3.00000	68.24000	0.0	0.0	0.0
				78.00000	3.00000	68.24000	0.0	0.0	0.0
				79.00000	3.00000	68.24000	0.0	0.0	0.0
				80.00000	3.00000	68.24000	0.0	0.0	0.0
				81.00000	3.00000	68.24000	0.0	0.0	0.0
				82.00000	3.00000	68.24000	0.0	0.0	0.0
				83.00000	3.00000	68.24000	0.0	0.0	0.0
				84.00000	3.00000	68.24000	0.0	0.0	0.0
				85.00000	3.00000	68.24000	0.0	0.0	0.0
				86.00000	3.00000	68.24000	0.0	0.0	0.0
				87.00000	3.00000	68.24000	0.0	0.0	0.0
				88.00000	3.00000	68.24000	0.0	0.0	0.0
				89.00000	3.00000	68.24000	0.0	0.0	0.0
				90.00000	3.00000	68.24000	0.0	0.0	0.0
				91.00000	3.00000	68.24000	0.0	0.0	0.0
				92.00000	3.00000	68.24000	0.0	0.0	0.0
				93.00000	3.00000	68.24000	0.0	0.0	0.0
				94.00000	3.00000	68.24000	0.0	0.0	0.0
				95.00000	3.00000	68.24000	0.0	0.0	0.0
				96.00000	3.00000	68.24000	0.0	0.0	0.0
				97.00000	3.00000	68.24000	0.0	0.0	0.0
				98.00000	3.00000	68.24000	0.0	0.0	0.0
				99.00000	3.00000	68.24000	0.0	0.0	0.0
				100.00000	3.00000	68.24000	0.0	0.0	0.0
				0.00000	4.00000	68.24000	0.0	0.0	0.0
				1.00000	4.00000	68.24000	0.0	0.0	0.0
				2.00000	4.00000	68.24000	0.0	0.0	0.0
				3.00000	4.00000	68.24000	0.0	0.0	0.0
				4.00000	4.00000	68.24000	0.0	0.0	0.0
				5.00000	4.00000	68.24000	0.0	0.0	0.0
				6.00000	4.00000	68.24000	0.0	0.0	0.0
				7.00000	4.00000	68.24000	0.0	0.0	0.0
				8.00000	4.00000	68.24000	0.0	0.0	0.0
				9.00000	4.00000	68.24000	0.0	0.0	0.0
				10.00000	4.00000	68.24000	0.0	0.0	0.0
				11.00000	4.00000	68.24000	0.0	0.0	0.0
				12.00000	4.00000	68.24000	0.0	0.0	0.0
				13.00000	4.00000	68.24000	0.0	0.0	0.0
				14.00000	4.00000	68.24000	0.0	0.0	0.0
				15.00000	4.00000	68.24000	0.0	0.0	0.0
				16.00000	4.00000	68.24000	0.0	0.0	0.0
				17.00000	4.00000	68.24000	0.0	0.0	0.0
				18.00000	4.00000	68.24000	0.0	0.0	0.0
				19.00000	4.00000	68.24000	0.0	0.0	0.0
				20.00000	4.00000	68.24000	0.0	0.0	0.0
				21.00000	4.00000	68.24000	0.0	0.0	0.0
				22.00000	4.00000	68.24000	0.0	0.0	0.0
				23.00000	4.00000	68.24000	0.0	0.0	0.0
				24.00000	4.00000	68.24000	0.0	0.0	0.0
				25.00000	4.00000	68.24000	0.0	0.0	0.0
				26.00000	4.00000	68.24000	0.0	0.0	0.0
				27.00000	4.00000	68.24000	0.0	0.0	0.0
				28.00000	4.00000	68.24000	0.0	0.0	0.0
				29.00000	4.00000	68.24000	0.0	0.0	0.0
				30.00000	4.00000	68.24000	0.0	0.0	0.0
				31.00000	4.00000	68.24000	0.0	0.0	0.0
				32.00000	4.00000	68.24000	0.0	0.0	0.0
				33.00000	4.00000	68.24000	0.0	0.0	0.0
				34.00000	4.00000	68.24000	0.0	0.0	0.0
				35.00000	4.00000	68.24000	0.0	0.0	0.0
				36.00000	4.00000	68.24000	0.0	0.0	0.0
				37.00000	4.00000	68.24000	0.0	0.0	0.0
				38.00000	4.00000	68.24000	0.0	0.0	0.0
				39.00000	4.00000	68.24000	0.0	0.0	0.0
				40.00000	4.00000	68.24000	0.0	0.0	0.0
				41.00000	4.00000	68.24000	0.0	0.0	0.0
				42.00000	4.00000	68.24000	0.0	0.0	0.0
				43.00000	4.00000	68.24000	0.0	0.0	0.0
				44.00000	4.00000	68.24000	0.0	0.0	0.0
				45.00000	4.00000	68.24000	0.0	0.0	0.0
				46.00000	4.00000	68.24000	0.0	0.0	0.0
				47.00000	4.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				48.00000	4.00000	68.24000	0.0	0.0	0.0
				49.00000	4.00000	68.24000	0.0	0.0	0.0
				50.00000	4.00000	68.24000	0.0	0.0	0.0
				51.00000	4.00000	68.24000	0.0	0.0	0.0
				52.00000	4.00000	68.24000	0.0	0.0	0.0
				53.00000	4.00000	68.24000	0.0	0.0	0.0
				54.00000	4.00000	68.24000	0.0	0.0	0.0
				55.00000	4.00000	68.24000	0.0	0.0	0.0
				56.00000	4.00000	68.24000	0.0	0.0	0.0
				57.00000	4.00000	68.24000	0.0	0.0	0.0
				58.00000	4.00000	68.24000	0.0	0.0	0.0
				59.00000	4.00000	68.24000	0.0	0.0	0.0
				60.00000	4.00000	68.24000	0.0	0.0	0.0
				61.00000	4.00000	68.24000	0.0	0.0	0.0
				62.00000	4.00000	68.24000	0.0	0.0	0.0
				63.00000	4.00000	68.24000	0.0	0.0	0.0
				64.00000	4.00000	68.24000	0.0	0.0	0.0
				65.00000	4.00000	68.24000	0.0	0.0	0.0
				66.00000	4.00000	68.24000	0.0	0.0	0.0
				67.00000	4.00000	68.24000	0.0	0.0	0.0
				68.00000	4.00000	68.24000	0.0	0.0	0.0
				69.00000	4.00000	68.24000	0.0	0.0	0.0
				70.00000	4.00000	68.24000	0.0	0.0	0.0
				71.00000	4.00000	68.24000	0.0	0.0	0.0
				72.00000	4.00000	68.24000	0.0	0.0	0.0
				73.00000	4.00000	68.24000	0.0	0.0	0.0
				74.00000	4.00000	68.24000	0.0	0.0	0.0
				75.00000	4.00000	68.24000	0.0	0.0	0.0
				76.00000	4.00000	68.24000	0.0	0.0	0.0
				77.00000	4.00000	68.24000	0.0	0.0	0.0
				78.00000	4.00000	68.24000	0.0	0.0	0.0
				79.00000	4.00000	68.24000	0.0	0.0	0.0
				80.00000	4.00000	68.24000	0.0	0.0	0.0
				81.00000	4.00000	68.24000	0.0	0.0	0.0
				82.00000	4.00000	68.24000	0.0	0.0	0.0
				83.00000	4.00000	68.24000	0.0	0.0	0.0
				84.00000	4.00000	68.24000	0.0	0.0	0.0
				85.00000	4.00000	68.24000	0.0	0.0	0.0
				86.00000	4.00000	68.24000	0.0	0.0	0.0
				87.00000	4.00000	68.24000	0.0	0.0	0.0
				88.00000	4.00000	68.24000	0.0	0.0	0.0
				89.00000	4.00000	68.24000	0.0	0.0	0.0
				90.00000	4.00000	68.24000	0.0	0.0	0.0
				91.00000	4.00000	68.24000	0.0	0.0	0.0
				92.00000	4.00000	68.24000	0.0	0.0	0.0
				93.00000	4.00000	68.24000	0.0	0.0	0.0
				94.00000	4.00000	68.24000	0.0	0.0	0.0
				95.00000	4.00000	68.24000	0.0	0.0	0.0
				96.00000	4.00000	68.24000	0.0	0.0	0.0
				97.00000	4.00000	68.24000	0.0	0.0	0.0
				98.00000	4.00000	68.24000	0.0	0.0	0.0
				99.00000	4.00000	68.24000	0.0	0.0	0.0
				100.00000	4.00000	68.24000	0.0	0.0	0.0
				0.00000	5.00000	68.24000	0.0	0.0	0.0
				1.00000	5.00000	68.24000	0.0	0.0	0.0
				2.00000	5.00000	68.24000	0.0	0.0	0.0
				3.00000	5.00000	68.24000	0.0	0.0	0.0
				4.00000	5.00000	68.24000	0.0	0.0	0.0
				5.00000	5.00000	68.24000	0.0	0.0	0.0
				6.00000	5.00000	68.24000	0.0	0.0	0.0
				7.00000	5.00000	68.24000	0.0	0.0	0.0
				8.00000	5.00000	68.24000	0.0	0.0	0.0
				9.00000	5.00000	68.24000	0.0	0.0	0.0
				10.00000	5.00000	68.24000	0.0	0.0	0.0
				11.00000	5.00000	68.24000	0.0	0.0	0.0
				12.00000	5.00000	68.24000	0.0	0.0	0.0
				13.00000	5.00000	68.24000	0.0	0.0	0.0
				14.00000	5.00000	68.24000	0.0	0.0	0.0
				15.00000	5.00000	68.24000	0.0	0.0	0.0
				16.00000	5.00000	68.24000	0.0	0.0	0.0
				17.00000	5.00000	68.24000	0.0	0.0	0.0
				18.00000	5.00000	68.24000	0.0	0.0	0.0
				19.00000	5.00000	68.24000	0.0	0.0	0.0
				20.00000	5.00000	68.24000	0.0	0.0	0.0
				21.00000	5.00000	68.24000	0.0	0.0	0.0
				22.00000	5.00000	68.24000	0.0	0.0	0.0
				23.00000	5.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				24.00000	5.00000	68.24000	0.0	0.0	0.0
				25.00000	5.00000	68.24000	0.0	0.0	0.0
				26.00000	5.00000	68.24000	0.0	0.0	0.0
				27.00000	5.00000	68.24000	0.0	0.0	0.0
				28.00000	5.00000	68.24000	0.0	0.0	0.0
				29.00000	5.00000	68.24000	0.0	0.0	0.0
				30.00000	5.00000	68.24000	0.0	0.0	0.0
				31.00000	5.00000	68.24000	0.0	0.0	0.0
				32.00000	5.00000	68.24000	0.0	0.0	0.0
				33.00000	5.00000	68.24000	0.0	0.0	0.0
				34.00000	5.00000	68.24000	0.0	0.0	0.0
				35.00000	5.00000	68.24000	0.0	0.0	0.0
				36.00000	5.00000	68.24000	0.0	0.0	0.0
				37.00000	5.00000	68.24000	0.0	0.0	0.0
				38.00000	5.00000	68.24000	0.0	0.0	0.0
				39.00000	5.00000	68.24000	0.0	0.0	0.0
				40.00000	5.00000	68.24000	0.0	0.0	0.0
				41.00000	5.00000	68.24000	0.0	0.0	0.0
				42.00000	5.00000	68.24000	0.0	0.0	0.0
				43.00000	5.00000	68.24000	0.0	0.0	0.0
				44.00000	5.00000	68.24000	0.0	0.0	0.0
				45.00000	5.00000	68.24000	0.0	0.0	0.0
				46.00000	5.00000	68.24000	0.0	0.0	0.0
				47.00000	5.00000	68.24000	0.0	0.0	0.0
				48.00000	5.00000	68.24000	0.0	0.0	0.0
				49.00000	5.00000	68.24000	0.0	0.0	0.0
				50.00000	5.00000	68.24000	0.0	0.0	0.0
				51.00000	5.00000	68.24000	0.0	0.0	0.0
				52.00000	5.00000	68.24000	0.0	0.0	0.0
				53.00000	5.00000	68.24000	0.0	0.0	0.0
				54.00000	5.00000	68.24000	0.0	0.0	0.0
				55.00000	5.00000	68.24000	0.0	0.0	0.0
				56.00000	5.00000	68.24000	0.0	0.0	0.0
				57.00000	5.00000	68.24000	0.0	0.0	0.0
				58.00000	5.00000	68.24000	0.0	0.0	0.0
				59.00000	5.00000	68.24000	0.0	0.0	0.0
				60.00000	5.00000	68.24000	0.0	0.0	0.0
				61.00000	5.00000	68.24000	0.0	0.0	0.0
				62.00000	5.00000	68.24000	0.0	0.0	0.0
				63.00000	5.00000	68.24000	0.0	0.0	0.0
				64.00000	5.00000	68.24000	0.0	0.0	0.0
				65.00000	5.00000	68.24000	0.0	0.0	0.0
				66.00000	5.00000	68.24000	0.0	0.0	0.0
				67.00000	5.00000	68.24000	0.0	0.0	0.0
				68.00000	5.00000	68.24000	0.0	0.0	0.0
				69.00000	5.00000	68.24000	0.0	0.0	0.0
				70.00000	5.00000	68.24000	0.0	0.0	0.0
				71.00000	5.00000	68.24000	0.0	0.0	0.0
				72.00000	5.00000	68.24000	0.0	0.0	0.0
				73.00000	5.00000	68.24000	0.0	0.0	0.0
				74.00000	5.00000	68.24000	0.0	0.0	0.0
				75.00000	5.00000	68.24000	0.0	0.0	0.0
				76.00000	5.00000	68.24000	0.0	0.0	0.0
				77.00000	5.00000	68.24000	0.0	0.0	0.0
				78.00000	5.00000	68.24000	0.0	0.0	0.0
				79.00000	5.00000	68.24000	0.0	0.0	0.0
				80.00000	5.00000	68.24000	0.0	0.0	0.0
				81.00000	5.00000	68.24000	0.0	0.0	0.0
				82.00000	5.00000	68.24000	0.0	0.0	0.0
				83.00000	5.00000	68.24000	0.0	0.0	0.0
				84.00000	5.00000	68.24000	0.0	0.0	0.0
				85.00000	5.00000	68.24000	0.0	0.0	0.0
				86.00000	5.00000	68.24000	0.0	0.0	0.0
				87.00000	5.00000	68.24000	0.0	0.0	0.0
				88.00000	5.00000	68.24000	0.0	0.0	0.0
				89.00000	5.00000	68.24000	0.0	0.0	0.0
				90.00000	5.00000	68.24000	0.0	0.0	0.0
				91.00000	5.00000	68.24000	0.0	0.0	0.0
				92.00000	5.00000	68.24000	0.0	0.0	0.0
				93.00000	5.00000	68.24000	0.0	0.0	0.0
				94.00000	5.00000	68.24000	0.0	0.0	0.0
				95.00000	5.00000	68.24000	0.0	0.0	0.0
				96.00000	5.00000	68.24000	0.0	0.0	0.0
				97.00000	5.00000	68.24000	0.0	0.0	0.0
				98.00000	5.00000	68.24000	0.0	0.0	0.0
				99.00000	5.00000	68.24000	0.0	0.0	0.0
				100.00000	5.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
1.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
2.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
3.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
4.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
5.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
6.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
7.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
8.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
9.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
10.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
11.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
12.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
13.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
14.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
15.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
16.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
17.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
18.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
19.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
20.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
21.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
22.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
23.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
24.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
25.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
26.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
27.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
28.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
29.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
30.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
31.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
32.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
33.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
34.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
35.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
36.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
37.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
38.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
39.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
40.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
41.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
42.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
43.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
44.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
45.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
46.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
47.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
48.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
49.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
50.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
51.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
52.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
53.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
54.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
55.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
56.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
57.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
58.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
59.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
60.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
61.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
62.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
63.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
64.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
65.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
66.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
67.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
68.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
69.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
70.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
71.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
72.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
73.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
74.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
75.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0
76.00000	6.00000	68.24000		0.00000	6.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				77.00000	6.00000	68.24000	0.0	0.0	0.0
				78.00000	6.00000	68.24000	0.0	0.0	0.0
				79.00000	6.00000	68.24000	0.0	0.0	0.0
				80.00000	6.00000	68.24000	0.0	0.0	0.0
				81.00000	6.00000	68.24000	0.0	0.0	0.0
				82.00000	6.00000	68.24000	0.0	0.0	0.0
				83.00000	6.00000	68.24000	0.0	0.0	0.0
				84.00000	6.00000	68.24000	0.0	0.0	0.0
				85.00000	6.00000	68.24000	0.0	0.0	0.0
				86.00000	6.00000	68.24000	0.0	0.0	0.0
				87.00000	6.00000	68.24000	0.0	0.0	0.0
				88.00000	6.00000	68.24000	0.0	0.0	0.0
				89.00000	6.00000	68.24000	0.0	0.0	0.0
				90.00000	6.00000	68.24000	0.0	0.0	0.0
				91.00000	6.00000	68.24000	0.0	0.0	0.0
				92.00000	6.00000	68.24000	0.0	0.0	0.0
				93.00000	6.00000	68.24000	0.0	0.0	0.0
				94.00000	6.00000	68.24000	0.0	0.0	0.0
				95.00000	6.00000	68.24000	0.0	0.0	0.0
				96.00000	6.00000	68.24000	0.0	0.0	0.0
				97.00000	6.00000	68.24000	0.0	0.0	0.0
				98.00000	6.00000	68.24000	0.0	0.0	0.0
				99.00000	6.00000	68.24000	0.0	0.0	0.0
				100.00000	6.00000	68.24000	0.0	0.0	0.0
				0.00000	7.00000	68.24000	0.0	0.0	0.0
				1.00000	7.00000	68.24000	0.0	0.0	0.0
				2.00000	7.00000	68.24000	0.0	0.0	0.0
				3.00000	7.00000	68.24000	0.0	0.0	0.0
				4.00000	7.00000	68.24000	0.0	0.0	0.0
				5.00000	7.00000	68.24000	0.0	0.0	0.0
				6.00000	7.00000	68.24000	0.0	0.0	0.0
				7.00000	7.00000	68.24000	0.0	0.0	0.0
				8.00000	7.00000	68.24000	0.0	0.0	0.0
				9.00000	7.00000	68.24000	0.0	0.0	0.0
				10.00000	7.00000	68.24000	0.0	0.0	0.0
				11.00000	7.00000	68.24000	0.0	0.0	0.0
				12.00000	7.00000	68.24000	0.0	0.0	0.0
				13.00000	7.00000	68.24000	0.0	0.0	0.0
				14.00000	7.00000	68.24000	0.0	0.0	0.0
				15.00000	7.00000	68.24000	0.0	0.0	0.0
				16.00000	7.00000	68.24000	0.0	0.0	0.0
				17.00000	7.00000	68.24000	0.0	0.0	0.0
				18.00000	7.00000	68.24000	0.0	0.0	0.0
				19.00000	7.00000	68.24000	0.0	0.0	0.0
				20.00000	7.00000	68.24000	0.0	0.0	0.0
				21.00000	7.00000	68.24000	0.0	0.0	0.0
				22.00000	7.00000	68.24000	0.0	0.0	0.0
				23.00000	7.00000	68.24000	0.0	0.0	0.0
				24.00000	7.00000	68.24000	0.0	0.0	0.0
				25.00000	7.00000	68.24000	0.0	0.0	0.0
				26.00000	7.00000	68.24000	0.0	0.0	0.0
				27.00000	7.00000	68.24000	0.0	0.0	0.0
				28.00000	7.00000	68.24000	0.0	0.0	0.0
				29.00000	7.00000	68.24000	0.0	0.0	0.0
				30.00000	7.00000	68.24000	0.0	0.0	0.0
				31.00000	7.00000	68.24000	0.0	0.0	0.0
				32.00000	7.00000	68.24000	0.0	0.0	0.0
				33.00000	7.00000	68.24000	0.0	0.0	0.0
				34.00000	7.00000	68.24000	0.0	0.0	0.0
				35.00000	7.00000	68.24000	0.0	0.0	0.0
				36.00000	7.00000	68.24000	0.0	0.0	0.0
				37.00000	7.00000	68.24000	0.0	0.0	0.0
				38.00000	7.00000	68.24000	0.0	0.0	0.0
				39.00000	7.00000	68.24000	0.0	0.0	0.0
				40.00000	7.00000	68.24000	0.0	0.0	0.0
				41.00000	7.00000	68.24000	0.0	0.0	0.0
				42.00000	7.00000	68.24000	0.0	0.0	0.0
				43.00000	7.00000	68.24000	0.0	0.0	0.0
				44.00000	7.00000	68.24000	0.0	0.0	0.0
				45.00000	7.00000	68.24000	0.0	0.0	0.0
				46.00000	7.00000	68.24000	0.0	0.0	0.0
				47.00000	7.00000	68.24000	0.0	0.0	0.0
				48.00000	7.00000	68.24000	0.0	0.0	0.0
				49.00000	7.00000	68.24000	0.0	0.0	0.0
				50.00000	7.00000	68.24000	0.0	0.0	0.0
				51.00000	7.00000	68.24000	0.0	0.0	0.0
				52.00000	7.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				53.00000	7.00000	68.24000	0.0	0.0	0.0
				54.00000	7.00000	68.24000	0.0	0.0	0.0
				55.00000	7.00000	68.24000	0.0	0.0	0.0
				56.00000	7.00000	68.24000	0.0	0.0	0.0
				57.00000	7.00000	68.24000	0.0	0.0	0.0
				58.00000	7.00000	68.24000	0.0	0.0	0.0
				59.00000	7.00000	68.24000	0.0	0.0	0.0
				60.00000	7.00000	68.24000	0.0	0.0	0.0
				61.00000	7.00000	68.24000	0.0	0.0	0.0
				62.00000	7.00000	68.24000	0.0	0.0	0.0
				63.00000	7.00000	68.24000	0.0	0.0	0.0
				64.00000	7.00000	68.24000	0.0	0.0	0.0
				65.00000	7.00000	68.24000	0.0	0.0	0.0
				66.00000	7.00000	68.24000	0.0	0.0	0.0
				67.00000	7.00000	68.24000	0.0	0.0	0.0
				68.00000	7.00000	68.24000	0.0	0.0	0.0
				69.00000	7.00000	68.24000	0.0	0.0	0.0
				70.00000	7.00000	68.24000	0.0	0.0	0.0
				71.00000	7.00000	68.24000	0.0	0.0	0.0
				72.00000	7.00000	68.24000	0.0	0.0	0.0
				73.00000	7.00000	68.24000	0.0	0.0	0.0
				74.00000	7.00000	68.24000	0.0	0.0	0.0
				75.00000	7.00000	68.24000	0.0	0.0	0.0
				76.00000	7.00000	68.24000	0.0	0.0	0.0
				77.00000	7.00000	68.24000	0.0	0.0	0.0
				78.00000	7.00000	68.24000	0.0	0.0	0.0
				79.00000	7.00000	68.24000	0.0	0.0	0.0
				80.00000	7.00000	68.24000	0.0	0.0	0.0
				81.00000	7.00000	68.24000	0.0	0.0	0.0
				82.00000	7.00000	68.24000	0.0	0.0	0.0
				83.00000	7.00000	68.24000	0.0	0.0	0.0
				84.00000	7.00000	68.24000	0.0	0.0	0.0
				85.00000	7.00000	68.24000	0.0	0.0	0.0
				86.00000	7.00000	68.24000	0.0	0.0	0.0
				87.00000	7.00000	68.24000	0.0	0.0	0.0
				88.00000	7.00000	68.24000	0.0	0.0	0.0
				89.00000	7.00000	68.24000	0.0	0.0	0.0
				90.00000	7.00000	68.24000	0.0	0.0	0.0
				91.00000	7.00000	68.24000	0.0	0.0	0.0
				92.00000	7.00000	68.24000	0.0	0.0	0.0
				93.00000	7.00000	68.24000	0.0	0.0	0.0
				94.00000	7.00000	68.24000	0.0	0.0	0.0
				95.00000	7.00000	68.24000	0.0	0.0	0.0
				96.00000	7.00000	68.24000	0.0	0.0	0.0
				97.00000	7.00000	68.24000	0.0	0.0	0.0
				98.00000	7.00000	68.24000	0.0	0.0	0.0
				99.00000	7.00000	68.24000	0.0	0.0	0.0
				100.00000	7.00000	68.24000	0.0	0.0	0.0
				0.00000	8.00000	68.24000	0.0	0.0	0.0
				1.00000	8.00000	68.24000	0.0	0.0	0.0
				2.00000	8.00000	68.24000	0.0	0.0	0.0
				3.00000	8.00000	68.24000	0.0	0.0	0.0
				4.00000	8.00000	68.24000	0.0	0.0	0.0
				5.00000	8.00000	68.24000	0.0	0.0	0.0
				6.00000	8.00000	68.24000	0.0	0.0	0.0
				7.00000	8.00000	68.24000	0.0	0.0	0.0
				8.00000	8.00000	68.24000	0.0	0.0	0.0
				9.00000	8.00000	68.24000	0.0	0.0	0.0
				10.00000	8.00000	68.24000	0.0	0.0	0.0
				11.00000	8.00000	68.24000	0.0	0.0	0.0
				12.00000	8.00000	68.24000	0.0	0.0	0.0
				13.00000	8.00000	68.24000	0.0	0.0	0.0
				14.00000	8.00000	68.24000	0.0	0.0	0.0
				15.00000	8.00000	68.24000	0.0	0.0	0.0
				16.00000	8.00000	68.24000	0.0	0.0	0.0
				17.00000	8.00000	68.24000	0.0	0.0	0.0
				18.00000	8.00000	68.24000	0.0	0.0	0.0
				19.00000	8.00000	68.24000	0.0	0.0	0.0
				20.00000	8.00000	68.24000	0.0	0.0	0.0
				21.00000	8.00000	68.24000	0.0	0.0	0.0
				22.00000	8.00000	68.24000	0.0	0.0	0.0
				23.00000	8.00000	68.24000	0.0	0.0	0.0
				24.00000	8.00000	68.24000	0.0	0.0	0.0
				25.00000	8.00000	68.24000	0.0	0.0	0.0
				26.00000	8.00000	68.24000	0.0	0.0	0.0
				27.00000	8.00000	68.24000	0.0	0.0	0.0
				28.00000	8.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				29.00000	8.00000	68.24000	0.0	0.0	0.0
				30.00000	8.00000	68.24000	0.0	0.0	0.0
				31.00000	8.00000	68.24000	0.0	0.0	0.0
				32.00000	8.00000	68.24000	0.0	0.0	0.0
				33.00000	8.00000	68.24000	0.0	0.0	0.0
				34.00000	8.00000	68.24000	0.0	0.0	0.0
				35.00000	8.00000	68.24000	0.0	0.0	0.0
				36.00000	8.00000	68.24000	0.0	0.0	0.0
				37.00000	8.00000	68.24000	0.0	0.0	0.0
				38.00000	8.00000	68.24000	0.0	0.0	0.0
				39.00000	8.00000	68.24000	0.0	0.0	0.0
				40.00000	8.00000	68.24000	0.0	0.0	0.0
				41.00000	8.00000	68.24000	0.0	0.0	0.0
				42.00000	8.00000	68.24000	0.0	0.0	0.0
				43.00000	8.00000	68.24000	0.0	0.0	0.0
				44.00000	8.00000	68.24000	0.0	0.0	0.0
				45.00000	8.00000	68.24000	0.0	0.0	0.0
				46.00000	8.00000	68.24000	0.0	0.0	0.0
				47.00000	8.00000	68.24000	0.0	0.0	0.0
				48.00000	8.00000	68.24000	0.0	0.0	0.0
				49.00000	8.00000	68.24000	0.0	0.0	0.0
				50.00000	8.00000	68.24000	0.0	0.0	0.0
				51.00000	8.00000	68.24000	0.0	0.0	0.0
				52.00000	8.00000	68.24000	0.0	0.0	0.0
				53.00000	8.00000	68.24000	0.0	0.0	0.0
				54.00000	8.00000	68.24000	0.0	0.0	0.0
				55.00000	8.00000	68.24000	0.0	0.0	0.0
				56.00000	8.00000	68.24000	0.0	0.0	0.0
				57.00000	8.00000	68.24000	0.0	0.0	0.0
				58.00000	8.00000	68.24000	0.0	0.0	0.0
				59.00000	8.00000	68.24000	0.0	0.0	0.0
				60.00000	8.00000	68.24000	0.0	0.0	0.0
				61.00000	8.00000	68.24000	0.0	0.0	0.0
				62.00000	8.00000	68.24000	0.0	0.0	0.0
				63.00000	8.00000	68.24000	0.0	0.0	0.0
				64.00000	8.00000	68.24000	0.0	0.0	0.0
				65.00000	8.00000	68.24000	0.0	0.0	0.0
				66.00000	8.00000	68.24000	0.0	0.0	0.0
				67.00000	8.00000	68.24000	0.0	0.0	0.0
				68.00000	8.00000	68.24000	0.0	0.0	0.0
				69.00000	8.00000	68.24000	0.0	0.0	0.0
				70.00000	8.00000	68.24000	0.0	0.0	0.0
				71.00000	8.00000	68.24000	0.0	0.0	0.0
				72.00000	8.00000	68.24000	0.0	0.0	0.0
				73.00000	8.00000	68.24000	0.0	0.0	0.0
				74.00000	8.00000	68.24000	0.0	0.0	0.0
				75.00000	8.00000	68.24000	0.0	0.0	0.0
				76.00000	8.00000	68.24000	0.0	0.0	0.0
				77.00000	8.00000	68.24000	0.0	0.0	0.0
				78.00000	8.00000	68.24000	0.0	0.0	0.0
				79.00000	8.00000	68.24000	0.0	0.0	0.0
				80.00000	8.00000	68.24000	0.0	0.0	0.0
				81.00000	8.00000	68.24000	0.0	0.0	0.0
				82.00000	8.00000	68.24000	0.0	0.0	0.0
				83.00000	8.00000	68.24000	0.0	0.0	0.0
				84.00000	8.00000	68.24000	0.0	0.0	0.0
				85.00000	8.00000	68.24000	0.0	0.0	0.0
				86.00000	8.00000	68.24000	0.0	0.0	0.0
				87.00000	8.00000	68.24000	0.0	0.0	0.0
				88.00000	8.00000	68.24000	0.0	0.0	0.0
				89.00000	8.00000	68.24000	0.0	0.0	0.0
				90.00000	8.00000	68.24000	0.0	0.0	0.0
				91.00000	8.00000	68.24000	0.0	0.0	0.0
				92.00000	8.00000	68.24000	0.0	0.0	0.0
				93.00000	8.00000	68.24000	0.0	0.0	0.0
				94.00000	8.00000	68.24000	0.0	0.0	0.0
				95.00000	8.00000	68.24000	0.0	0.0	0.0
				96.00000	8.00000	68.24000	0.0	0.0	0.0
				97.00000	8.00000	68.24000	0.0	0.0	0.0
				98.00000	8.00000	68.24000	0.0	0.0	0.0
				99.00000	8.00000	68.24000	0.0	0.0	0.0
				100.00000	8.00000	68.24000	0.0	0.0	0.0
				0.00000	9.00000	68.24000	0.0	0.0	0.0
				1.00000	9.00000	68.24000	0.0	0.0	0.0
				2.00000	9.00000	68.24000	0.0	0.0	0.0
				3.00000	9.00000	68.24000	0.0	0.0	0.0
				4.00000	9.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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Drg. Ref.		
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		Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
5.00000	9.00000	68.24000		5.00000	9.00000	68.24000	0.0	0.0	0.0
6.00000	9.00000	68.24000		6.00000	9.00000	68.24000	0.0	0.0	0.0
7.00000	9.00000	68.24000		7.00000	9.00000	68.24000	0.0	0.0	0.0
8.00000	9.00000	68.24000		8.00000	9.00000	68.24000	0.0	0.0	0.0
9.00000	9.00000	68.24000		9.00000	9.00000	68.24000	0.0	0.0	0.0
10.00000	9.00000	68.24000		10.00000	9.00000	68.24000	0.0	0.0	0.0
11.00000	9.00000	68.24000		11.00000	9.00000	68.24000	0.0	0.0	0.0
12.00000	9.00000	68.24000		12.00000	9.00000	68.24000	0.0	0.0	0.0
13.00000	9.00000	68.24000		13.00000	9.00000	68.24000	0.0	0.0	0.0
14.00000	9.00000	68.24000		14.00000	9.00000	68.24000	0.0	0.0	0.0
15.00000	9.00000	68.24000		15.00000	9.00000	68.24000	0.0	0.0	0.0
16.00000	9.00000	68.24000		16.00000	9.00000	68.24000	0.0	0.0	0.0
17.00000	9.00000	68.24000		17.00000	9.00000	68.24000	0.0	0.0	0.0
18.00000	9.00000	68.24000		18.00000	9.00000	68.24000	0.0	0.0	0.0
19.00000	9.00000	68.24000		19.00000	9.00000	68.24000	0.0	0.0	0.0
20.00000	9.00000	68.24000		20.00000	9.00000	68.24000	0.0	0.0	0.0
21.00000	9.00000	68.24000		21.00000	9.00000	68.24000	0.0	0.0	0.0
22.00000	9.00000	68.24000		22.00000	9.00000	68.24000	0.0	0.0	0.0
23.00000	9.00000	68.24000		23.00000	9.00000	68.24000	0.0	0.0	0.0
24.00000	9.00000	68.24000		24.00000	9.00000	68.24000	0.0	0.0	0.0
25.00000	9.00000	68.24000		25.00000	9.00000	68.24000	0.0	0.0	0.0
26.00000	9.00000	68.24000		26.00000	9.00000	68.24000	0.0	0.0	0.0
27.00000	9.00000	68.24000		27.00000	9.00000	68.24000	0.0	0.0	0.0
28.00000	9.00000	68.24000		28.00000	9.00000	68.24000	0.0	0.0	0.0
29.00000	9.00000	68.24000		29.00000	9.00000	68.24000	0.0	0.0	0.0
30.00000	9.00000	68.24000		30.00000	9.00000	68.24000	0.0	0.0	0.0
31.00000	9.00000	68.24000		31.00000	9.00000	68.24000	0.0	0.0	0.0
32.00000	9.00000	68.24000		32.00000	9.00000	68.24000	0.0	0.0	0.0
33.00000	9.00000	68.24000		33.00000	9.00000	68.24000	0.0	0.0	0.0
34.00000	9.00000	68.24000		34.00000	9.00000	68.24000	0.0	0.0	0.0
35.00000	9.00000	68.24000		35.00000	9.00000	68.24000	0.0	0.0	0.0
36.00000	9.00000	68.24000		36.00000	9.00000	68.24000	0.0	0.0	0.0
37.00000	9.00000	68.24000		37.00000	9.00000	68.24000	0.0	0.0	0.0
38.00000	9.00000	68.24000		38.00000	9.00000	68.24000	0.0	0.0	0.0
39.00000	9.00000	68.24000		39.00000	9.00000	68.24000	0.0	0.0	0.0
40.00000	9.00000	68.24000		40.00000	9.00000	68.24000	0.0	0.0	0.0
41.00000	9.00000	68.24000		41.00000	9.00000	68.24000	0.0	0.0	0.0
42.00000	9.00000	68.24000		42.00000	9.00000	68.24000	0.0	0.0	0.0
43.00000	9.00000	68.24000		43.00000	9.00000	68.24000	0.0	0.0	0.0
44.00000	9.00000	68.24000		44.00000	9.00000	68.24000	0.0	0.0	0.0
45.00000	9.00000	68.24000		45.00000	9.00000	68.24000	0.0	0.0	0.0
46.00000	9.00000	68.24000		46.00000	9.00000	68.24000	0.0	0.0	0.0
47.00000	9.00000	68.24000		47.00000	9.00000	68.24000	0.0	0.0	0.0
48.00000	9.00000	68.24000		48.00000	9.00000	68.24000	0.0	0.0	0.0
49.00000	9.00000	68.24000		49.00000	9.00000	68.24000	0.0	0.0	0.0
50.00000	9.00000	68.24000		50.00000	9.00000	68.24000	0.0	0.0	0.0
51.00000	9.00000	68.24000		51.00000	9.00000	68.24000	0.0	0.0	0.0
52.00000	9.00000	68.24000		52.00000	9.00000	68.24000	0.0	0.0	0.0
53.00000	9.00000	68.24000		53.00000	9.00000	68.24000	0.0	0.0	0.0
54.00000	9.00000	68.24000		54.00000	9.00000	68.24000	0.0	0.0	0.0
55.00000	9.00000	68.24000		55.00000	9.00000	68.24000	0.0	0.0	0.0
56.00000	9.00000	68.24000		56.00000	9.00000	68.24000	0.0	0.0	0.0
57.00000	9.00000	68.24000		57.00000	9.00000	68.24000	0.0	0.0	0.0
58.00000	9.00000	68.24000		58.00000	9.00000	68.24000	0.0	0.0	0.0
59.00000	9.00000	68.24000		59.00000	9.00000	68.24000	0.0	0.0	0.0
60.00000	9.00000	68.24000		60.00000	9.00000	68.24000	0.0	0.0	0.0
61.00000	9.00000	68.24000		61.00000	9.00000	68.24000	0.0	0.0	0.0
62.00000	9.00000	68.24000		62.00000	9.00000	68.24000	0.0	0.0	0.0
63.00000	9.00000	68.24000		63.00000	9.00000	68.24000	0.0	0.0	0.0
64.00000	9.00000	68.24000		64.00000	9.00000	68.24000	0.0	0.0	0.0
65.00000	9.00000	68.24000		65.00000	9.00000	68.24000	0.0	0.0	0.0
66.00000	9.00000	68.24000		66.00000	9.00000	68.24000	0.0	0.0	0.0
67.00000	9.00000	68.24000		67.00000	9.00000	68.24000	0.0	0.0	0.0
68.00000	9.00000	68.24000		68.00000	9.00000	68.24000	0.0	0.0	0.0
69.00000	9.00000	68.24000		69.00000	9.00000	68.24000	0.0	0.0	0.0
70.00000	9.00000	68.24000		70.00000	9.00000	68.24000	0.0	0.0	0.0
71.00000	9.00000	68.24000		71.00000	9.00000	68.24000	0.0	0.0	0.0
72.00000	9.00000	68.24000		72.00000	9.00000	68.24000	0.0	0.0	0.0
73.00000	9.00000	68.24000		73.00000	9.00000	68.24000	0.0	0.0	0.0
74.00000	9.00000	68.24000		74.00000	9.00000	68.24000	0.0	0.0	0.0
75.00000	9.00000	68.24000		75.00000	9.00000	68.24000	0.0	0.0	0.0
76.00000	9.00000	68.24000		76.00000	9.00000	68.24000	0.0	0.0	0.0
77.00000	9.00000	68.24000		77.00000	9.00000	68.24000	0.0	0.0	0.0
78.00000	9.00000	68.24000		78.00000	9.00000	68.24000	0.0	0.0	0.0
79.00000	9.00000	68.24000		79.00000	9.00000	68.24000	0.0	0.0	0.0
80.00000	9.00000	68.24000		80.00000	9.00000	68.24000	0.0	0.0	0.0
81.00000	9.00000	68.24000		81.00000	9.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date 30-Sep-2024 Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				82.00000	9.00000	68.24000	0.0	0.0	0.0
				83.00000	9.00000	68.24000	0.0	0.0	0.0
				84.00000	9.00000	68.24000	0.0	0.0	0.0
				85.00000	9.00000	68.24000	0.0	0.0	0.0
				86.00000	9.00000	68.24000	0.0	0.0	0.0
				87.00000	9.00000	68.24000	0.0	0.0	0.0
				88.00000	9.00000	68.24000	0.0	0.0	0.0
				89.00000	9.00000	68.24000	0.0	0.0	0.0
				90.00000	9.00000	68.24000	0.0	0.0	0.0
				91.00000	9.00000	68.24000	0.0	0.0	0.0
				92.00000	9.00000	68.24000	0.0	0.0	0.0
				93.00000	9.00000	68.24000	0.0	0.0	0.0
				94.00000	9.00000	68.24000	0.0	0.0	0.0
				95.00000	9.00000	68.24000	0.0	0.0	0.0
				96.00000	9.00000	68.24000	0.0	0.0	0.0
				97.00000	9.00000	68.24000	0.0	0.0	0.0
				98.00000	9.00000	68.24000	0.0	0.0	0.0
				99.00000	9.00000	68.24000	0.0	0.0	0.0
				100.00000	9.00000	68.24000	0.0	0.0	0.0
				0.00000	10.00000	68.24000	0.0	0.0	0.0
				1.00000	10.00000	68.24000	0.0	0.0	0.0
				2.00000	10.00000	68.24000	0.0	0.0	0.0
				3.00000	10.00000	68.24000	0.0	0.0	0.0
				4.00000	10.00000	68.24000	0.0	0.0	0.0
				5.00000	10.00000	68.24000	0.0	0.0	0.0
				6.00000	10.00000	68.24000	0.0	0.0	0.0
				7.00000	10.00000	68.24000	0.0	0.0	0.0
				8.00000	10.00000	68.24000	0.0	0.0	0.0
				9.00000	10.00000	68.24000	0.0	0.0	0.0
				10.00000	10.00000	68.24000	0.0	0.0	0.0
				11.00000	10.00000	68.24000	0.0	0.0	0.0
				12.00000	10.00000	68.24000	0.0	0.0	0.0
				13.00000	10.00000	68.24000	0.0	0.0	0.0
				14.00000	10.00000	68.24000	0.0	0.0	0.0
				15.00000	10.00000	68.24000	0.0	0.0	0.0
				16.00000	10.00000	68.24000	0.0	0.0	0.0
				17.00000	10.00000	68.24000	0.0	0.0	0.0
				18.00000	10.00000	68.24000	0.0	0.0	0.0
				19.00000	10.00000	68.24000	0.0	0.0	0.0
				20.00000	10.00000	68.24000	0.0	0.0	0.0
				21.00000	10.00000	68.24000	0.0	0.0	0.0
				22.00000	10.00000	68.24000	0.0	0.0	0.0
				23.00000	10.00000	68.24000	0.0	0.0	0.0
				24.00000	10.00000	68.24000	0.0	0.0	0.0
				25.00000	10.00000	68.24000	0.0	0.0	0.0
				26.00000	10.00000	68.24000	0.0	0.0	0.0
				27.00000	10.00000	68.24000	0.0	0.0	0.0
				28.00000	10.00000	68.24000	0.0	0.0	0.0
				29.00000	10.00000	68.24000	0.0	0.0	0.0
				30.00000	10.00000	68.24000	0.0	0.0	0.0
				31.00000	10.00000	68.24000	0.0	0.0	0.0
				32.00000	10.00000	68.24000	0.0	0.0	0.0
				33.00000	10.00000	68.24000	0.0	0.0	0.0
				34.00000	10.00000	68.24000	0.0	0.0	0.0
				35.00000	10.00000	68.24000	0.0	0.0	0.0
				36.00000	10.00000	68.24000	0.0	0.0	0.0
				37.00000	10.00000	68.24000	0.0	0.0	0.0
				38.00000	10.00000	68.24000	0.0	0.0	0.0
				39.00000	10.00000	68.24000	0.0	0.0	0.0
				40.00000	10.00000	68.24000	0.0	0.0	0.0
				41.00000	10.00000	68.24000	0.0	0.0	0.0
				42.00000	10.00000	68.24000	0.0	0.0	0.0
				43.00000	10.00000	68.24000	0.0	0.0	0.0
				44.00000	10.00000	68.24000	0.0	0.0	0.0
				45.00000	10.00000	68.24000	0.0	0.0	0.0
				46.00000	10.00000	68.24000	0.0	0.0	0.0
				47.00000	10.00000	68.24000	0.0	0.0	0.0
				48.00000	10.00000	68.24000	0.0	0.0	0.0
				49.00000	10.00000	68.24000	0.0	0.0	0.0
				50.00000	10.00000	68.24000	0.0	0.0	0.0
				51.00000	10.00000	68.24000	0.0	0.0	0.0
				52.00000	10.00000	68.24000	0.0	0.0	0.0
				53.00000	10.00000	68.24000	0.0	0.0	0.0
				54.00000	10.00000	68.24000	0.0	0.0	0.0
				55.00000	10.00000	68.24000	0.0	0.0	0.0
				56.00000	10.00000	68.24000	0.0	0.0	0.0
				57.00000	10.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				58.00000	10.00000	68.24000	0.0	0.0	0.0
				59.00000	10.00000	68.24000	0.0	0.0	0.0
				60.00000	10.00000	68.24000	0.0	0.0	0.0
				61.00000	10.00000	68.24000	0.0	0.0	0.0
				62.00000	10.00000	68.24000	0.0	0.0	0.0
				63.00000	10.00000	68.24000	0.0	0.0	0.0
				64.00000	10.00000	68.24000	0.0	0.0	0.0
				65.00000	10.00000	68.24000	0.0	0.0	0.0
				66.00000	10.00000	68.24000	0.0	0.0	0.0
				67.00000	10.00000	68.24000	0.0	0.0	0.0
				68.00000	10.00000	68.24000	0.0	0.0	0.0
				69.00000	10.00000	68.24000	0.0	0.0	0.0
				70.00000	10.00000	68.24000	0.0	0.0	0.0
				71.00000	10.00000	68.24000	0.0	0.0	0.0
				72.00000	10.00000	68.24000	0.0	0.0	0.0
				73.00000	10.00000	68.24000	0.0	0.0	0.0
				74.00000	10.00000	68.24000	0.0	0.0	0.0
				75.00000	10.00000	68.24000	0.0	0.0	0.0
				76.00000	10.00000	68.24000	0.0	0.0	0.0
				77.00000	10.00000	68.24000	0.0	0.0	0.0
				78.00000	10.00000	68.24000	0.0	0.0	0.0
				79.00000	10.00000	68.24000	0.0	0.0	0.0
				80.00000	10.00000	68.24000	0.0	0.0	0.0
				81.00000	10.00000	68.24000	0.0	0.0	0.0
				82.00000	10.00000	68.24000	0.0	0.0	0.0
				83.00000	10.00000	68.24000	0.0	0.0	0.0
				84.00000	10.00000	68.24000	0.0	0.0	0.0
				85.00000	10.00000	68.24000	0.0	0.0	0.0
				86.00000	10.00000	68.24000	0.0	0.0	0.0
				87.00000	10.00000	68.24000	0.0	0.0	0.0
				88.00000	10.00000	68.24000	0.0	0.0	0.0
				89.00000	10.00000	68.24000	0.0	0.0	0.0
				90.00000	10.00000	68.24000	0.0	0.0	0.0
				91.00000	10.00000	68.24000	0.0	0.0	0.0
				92.00000	10.00000	68.24000	0.0	0.0	0.0
				93.00000	10.00000	68.24000	0.0	0.0	0.0
				94.00000	10.00000	68.24000	0.0	0.0	0.0
				95.00000	10.00000	68.24000	0.0	0.0	0.0
				96.00000	10.00000	68.24000	0.0	0.0	0.0
				97.00000	10.00000	68.24000	0.0	0.0	0.0
				98.00000	10.00000	68.24000	0.0	0.0	0.0
				99.00000	10.00000	68.24000	0.0	0.0	0.0
				100.00000	10.00000	68.24000	0.0	0.0	0.0
				0.00000	11.00000	68.24000	0.0	0.0	0.0
				1.00000	11.00000	68.24000	0.0	0.0	0.0
				2.00000	11.00000	68.24000	0.0	0.0	0.0
				3.00000	11.00000	68.24000	0.0	0.0	0.0
				4.00000	11.00000	68.24000	0.0	0.0	0.0
				5.00000	11.00000	68.24000	0.0	0.0	0.0
				6.00000	11.00000	68.24000	0.0	0.0	0.0
				7.00000	11.00000	68.24000	0.0	0.0	0.0
				8.00000	11.00000	68.24000	0.0	0.0	0.0
				9.00000	11.00000	68.24000	0.0	0.0	0.0
				10.00000	11.00000	68.24000	0.0	0.0	0.0
				11.00000	11.00000	68.24000	0.0	0.0	0.0
				12.00000	11.00000	68.24000	0.0	0.0	0.0
				13.00000	11.00000	68.24000	0.0	0.0	0.0
				14.00000	11.00000	68.24000	0.0	0.0	0.0
				15.00000	11.00000	68.24000	0.0	0.0	0.0
				16.00000	11.00000	68.24000	0.0	0.0	0.0
				17.00000	11.00000	68.24000	0.0	0.0	0.0
				18.00000	11.00000	68.24000	0.0	0.0	0.0
				19.00000	11.00000	68.24000	0.0	0.0	0.0
				20.00000	11.00000	68.24000	0.0	0.0	0.0
				21.00000	11.00000	68.24000	0.0	0.0	0.0
				22.00000	11.00000	68.24000	0.0	0.0	0.0
				23.00000	11.00000	68.24000	0.0	0.0	0.0
				24.00000	11.00000	68.24000	0.0	0.0	0.0
				25.00000	11.00000	68.24000	0.0	0.0	0.0
				26.00000	11.00000	68.24000	0.0	0.0	0.0
				27.00000	11.00000	68.24000	0.0	0.0	0.0
				28.00000	11.00000	68.24000	0.0	0.0	0.0
				29.00000	11.00000	68.24000	0.0	0.0	0.0
				30.00000	11.00000	68.24000	0.0	0.0	0.0
				31.00000	11.00000	68.24000	0.0	0.0	0.0
				32.00000	11.00000	68.24000	0.0	0.0	0.0
				33.00000	11.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				34.00000	11.00000	68.24000	0.0	0.0	0.0
				35.00000	11.00000	68.24000	0.0	0.0	0.0
				36.00000	11.00000	68.24000	0.0	0.0	0.0
				37.00000	11.00000	68.24000	0.0	0.0	0.0
				38.00000	11.00000	68.24000	0.0	0.0	0.0
				39.00000	11.00000	68.24000	0.0	0.0	0.0
				40.00000	11.00000	68.24000	0.0	0.0	0.0
				41.00000	11.00000	68.24000	0.0	0.0	0.0
				42.00000	11.00000	68.24000	0.0	0.0	0.0
				43.00000	11.00000	68.24000	0.0	0.0	0.0
				44.00000	11.00000	68.24000	0.0	0.0	0.0
				45.00000	11.00000	68.24000	0.0	0.0	0.0
				46.00000	11.00000	68.24000	0.0	0.0	0.0
				47.00000	11.00000	68.24000	0.0	0.0	0.0
				48.00000	11.00000	68.24000	0.0	0.0	0.0
				49.00000	11.00000	68.24000	0.0	0.0	0.0
				50.00000	11.00000	68.24000	0.0	0.0	0.0
				51.00000	11.00000	68.24000	0.0	0.0	0.0
				52.00000	11.00000	68.24000	0.0	0.0	0.0
				53.00000	11.00000	68.24000	0.0	0.0	0.0
				54.00000	11.00000	68.24000	0.0	0.0	0.0
				55.00000	11.00000	68.24000	0.0	0.0	0.0
				56.00000	11.00000	68.24000	0.0	0.0	0.0
				57.00000	11.00000	68.24000	0.0	0.0	0.0
				58.00000	11.00000	68.24000	0.0	0.0	0.0
				59.00000	11.00000	68.24000	0.0	0.0	0.0
				60.00000	11.00000	68.24000	0.0	0.0	0.0
				61.00000	11.00000	68.24000	0.0	0.0	0.0
				62.00000	11.00000	68.24000	0.0	0.0	0.0
				63.00000	11.00000	68.24000	0.0	0.0	0.0
				64.00000	11.00000	68.24000	0.0	0.0	0.0
				65.00000	11.00000	68.24000	0.0	0.0	0.0
				66.00000	11.00000	68.24000	0.0	0.0	0.0
				67.00000	11.00000	68.24000	0.0	0.0	0.0
				68.00000	11.00000	68.24000	0.0	0.0	0.0
				69.00000	11.00000	68.24000	0.0	0.0	0.0
				70.00000	11.00000	68.24000	0.0	0.0	0.0
				71.00000	11.00000	68.24000	0.0	0.0	0.0
				72.00000	11.00000	68.24000	0.0	0.0	0.0
				73.00000	11.00000	68.24000	0.0	0.0	0.0
				74.00000	11.00000	68.24000	0.0	0.0	0.0
				75.00000	11.00000	68.24000	0.0	0.0	0.0
				76.00000	11.00000	68.24000	0.0	0.0	0.0
				77.00000	11.00000	68.24000	0.0	0.0	0.0
				78.00000	11.00000	68.24000	0.0	0.0	0.0
				79.00000	11.00000	68.24000	0.0	0.0	0.0
				80.00000	11.00000	68.24000	0.0	0.0	0.0
				81.00000	11.00000	68.24000	0.0	0.0	0.0
				82.00000	11.00000	68.24000	0.0	0.0	0.0
				83.00000	11.00000	68.24000	0.0	0.0	0.0
				84.00000	11.00000	68.24000	0.0	0.0	0.0
				85.00000	11.00000	68.24000	0.0	0.0	0.0
				86.00000	11.00000	68.24000	0.0	0.0	0.0
				87.00000	11.00000	68.24000	0.0	0.0	0.0
				88.00000	11.00000	68.24000	0.0	0.0	0.0
				89.00000	11.00000	68.24000	0.0	0.0	0.0
				90.00000	11.00000	68.24000	0.0	0.0	0.0
				91.00000	11.00000	68.24000	0.0	0.0	0.0
				92.00000	11.00000	68.24000	0.0	0.0	0.0
				93.00000	11.00000	68.24000	0.0	0.0	0.0
				94.00000	11.00000	68.24000	0.0	0.0	0.0
				95.00000	11.00000	68.24000	0.0	0.0	0.0
				96.00000	11.00000	68.24000	0.0	0.0	0.0
				97.00000	11.00000	68.24000	0.0	0.0	0.0
				98.00000	11.00000	68.24000	0.0	0.0	0.0
				99.00000	11.00000	68.24000	0.0	0.0	0.0
				100.00000	11.00000	68.24000	0.0	0.0	0.0
				0.00000	12.00000	68.24000	0.0	0.0	0.0
				1.00000	12.00000	68.24000	0.0	0.0	0.0
				2.00000	12.00000	68.24000	0.0	0.0	0.0
				3.00000	12.00000	68.24000	0.0	0.0	0.0
				4.00000	12.00000	68.24000	0.0	0.0	0.0
				5.00000	12.00000	68.24000	0.0	0.0	0.0
				6.00000	12.00000	68.24000	0.0	0.0	0.0
				7.00000	12.00000	68.24000	0.0	0.0	0.0
				8.00000	12.00000	68.24000	0.0	0.0	0.0
				9.00000	12.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
10.00000		12.00000		68.24000			0.0	0.0	0.0
11.00000		12.00000		68.24000			0.0	0.0	0.0
12.00000		12.00000		68.24000			0.0	0.0	0.0
13.00000		12.00000		68.24000			0.0	0.0	0.0
14.00000		12.00000		68.24000			0.0	0.0	0.0
15.00000		12.00000		68.24000			0.0	0.0	0.0
16.00000		12.00000		68.24000			0.0	0.0	0.0
17.00000		12.00000		68.24000			0.0	0.0	0.0
18.00000		12.00000		68.24000			0.0	0.0	0.0
19.00000		12.00000		68.24000			0.0	0.0	0.0
20.00000		12.00000		68.24000			0.0	0.0	0.0
21.00000		12.00000		68.24000			0.0	0.0	0.0
22.00000		12.00000		68.24000			0.0	0.0	0.0
23.00000		12.00000		68.24000			0.0	0.0	0.0
24.00000		12.00000		68.24000			0.0	0.0	0.0
25.00000		12.00000		68.24000			0.0	0.0	0.0
26.00000		12.00000		68.24000			0.0	0.0	0.0
27.00000		12.00000		68.24000			0.0	0.0	0.0
28.00000		12.00000		68.24000			0.0	0.0	0.0
29.00000		12.00000		68.24000			0.0	0.0	0.0
30.00000		12.00000		68.24000			0.0	0.0	0.0
31.00000		12.00000		68.24000			0.0	0.0	0.0
32.00000		12.00000		68.24000			0.0	0.0	0.0
33.00000		12.00000		68.24000			0.0	0.0	0.0
34.00000		12.00000		68.24000			0.0	0.0	0.0
35.00000		12.00000		68.24000			0.0	0.0	0.0
36.00000		12.00000		68.24000			0.0	0.0	0.0
37.00000		12.00000		68.24000			0.0	0.0	0.0
38.00000		12.00000		68.24000			0.0	0.0	0.0
39.00000		12.00000		68.24000			0.0	0.0	0.0
40.00000		12.00000		68.24000			0.0	0.0	0.0
41.00000		12.00000		68.24000			0.0	0.0	0.0
42.00000		12.00000		68.24000			0.0	0.0	0.0
43.00000		12.00000		68.24000			0.0	0.0	0.0
44.00000		12.00000		68.24000			0.0	0.0	0.0
45.00000		12.00000		68.24000			0.0	0.0	0.0
46.00000		12.00000		68.24000			0.0	0.0	0.0
47.00000		12.00000		68.24000			0.0	0.0	0.0
48.00000		12.00000		68.24000			0.0	0.0	0.0
49.00000		12.00000		68.24000			0.0	0.0	0.0
50.00000		12.00000		68.24000			0.0	0.0	0.0
51.00000		12.00000		68.24000			0.0	0.0	0.0
52.00000		12.00000		68.24000			0.0	0.0	0.0
53.00000		12.00000		68.24000			0.0	0.0	0.0
54.00000		12.00000		68.24000			0.0	0.0	0.0
55.00000		12.00000		68.24000			0.0	0.0	0.0
56.00000		12.00000		68.24000			0.0	0.0	0.0
57.00000		12.00000		68.24000			0.0	0.0	0.0
58.00000		12.00000		68.24000			0.0	0.0	0.0
59.00000		12.00000		68.24000			0.0	0.0	0.0
60.00000		12.00000		68.24000			0.0	0.0	0.0
61.00000		12.00000		68.24000			0.0	0.0	0.0
62.00000		12.00000		68.24000			0.0	0.0	0.0
63.00000		12.00000		68.24000			0.0	0.0	0.0
64.00000		12.00000		68.24000			0.0	0.0	0.0
65.00000		12.00000		68.24000			0.0	0.0	0.0
66.00000		12.00000		68.24000			0.0	0.0	0.0
67.00000		12.00000		68.24000			0.0	0.0	0.0
68.00000		12.00000		68.24000			0.0	0.0	0.0
69.00000		12.00000		68.24000			0.0	0.0	0.0
70.00000		12.00000		68.24000			0.0	0.0	0.0
71.00000		12.00000		68.24000			0.0	0.0	0.0
72.00000		12.00000		68.24000			0.0	0.0	0.0
73.00000		12.00000		68.24000			0.0	0.0	0.0
74.00000		12.00000		68.24000			0.0	0.0	0.0
75.00000		12.00000		68.24000			0.0	0.0	0.0
76.00000		12.00000		68.24000			0.0	0.0	0.0
77.00000		12.00000		68.24000			0.0	0.0	0.0
78.00000		12.00000		68.24000			0.0	0.0	0.0
79.00000		12.00000		68.24000			0.0	0.0	0.0
80.00000		12.00000		68.24000			0.0	0.0	0.0
81.00000		12.00000		68.24000			0.0	0.0	0.0
82.00000		12.00000		68.24000			0.0	0.0	0.0
83.00000		12.00000		68.24000			0.0	0.0	0.0
84.00000		12.00000		68.24000			0.0	0.0	0.0
85.00000		12.00000		68.24000			0.0	0.0	0.0
86.00000		12.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
87.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
88.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
89.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
90.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
91.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
92.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
93.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
94.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
95.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
96.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
97.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
98.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
99.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
100.00000		12.00000		12.00000	68.24000	68.24000	0.0	0.0	0.0
0.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
1.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
2.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
3.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
4.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
5.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
6.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
7.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
8.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
9.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
10.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
11.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
12.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
13.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
14.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
15.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
16.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
17.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
18.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
19.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
20.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
21.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
22.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
23.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
24.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
25.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
26.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
27.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
28.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
29.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
30.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
31.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
32.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
33.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
34.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
35.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
36.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
37.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
38.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
39.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
40.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
41.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
42.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
43.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
44.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
45.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
46.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
47.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
48.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
49.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
50.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
51.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
52.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
53.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
54.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
55.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
56.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
57.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
58.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
59.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
60.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
61.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0
62.00000		13.00000		13.00000	68.24000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				63.00000	13.00000	68.24000	0.0	0.0	0.0
				64.00000	13.00000	68.24000	0.0	0.0	0.0
				65.00000	13.00000	68.24000	0.0	0.0	0.0
				66.00000	13.00000	68.24000	0.0	0.0	0.0
				67.00000	13.00000	68.24000	0.0	0.0	0.0
				68.00000	13.00000	68.24000	0.0	0.0	0.0
				69.00000	13.00000	68.24000	0.0	0.0	0.0
				70.00000	13.00000	68.24000	0.0	0.0	0.0
				71.00000	13.00000	68.24000	0.0	0.0	0.0
				72.00000	13.00000	68.24000	0.0	0.0	0.0
				73.00000	13.00000	68.24000	0.0	0.0	0.0
				74.00000	13.00000	68.24000	0.0	0.0	0.0
				75.00000	13.00000	68.24000	0.0	0.0	0.0
				76.00000	13.00000	68.24000	0.0	0.0	0.0
				77.00000	13.00000	68.24000	0.0	0.0	0.0
				78.00000	13.00000	68.24000	0.0	0.0	0.0
				79.00000	13.00000	68.24000	0.0	0.0	0.0
				80.00000	13.00000	68.24000	0.0	0.0	0.0
				81.00000	13.00000	68.24000	0.0	0.0	0.0
				82.00000	13.00000	68.24000	0.0	0.0	0.0
				83.00000	13.00000	68.24000	0.0	0.0	0.0
				84.00000	13.00000	68.24000	0.0	0.0	0.0
				85.00000	13.00000	68.24000	0.0	0.0	0.0
				86.00000	13.00000	68.24000	0.0	0.0	0.0
				87.00000	13.00000	68.24000	0.0	0.0	0.0
				88.00000	13.00000	68.24000	0.0	0.0	0.0
				89.00000	13.00000	68.24000	0.0	0.0	0.0
				90.00000	13.00000	68.24000	0.0	0.0	0.0
				91.00000	13.00000	68.24000	0.0	0.0	0.0
				92.00000	13.00000	68.24000	0.0	0.0	0.0
				93.00000	13.00000	68.24000	0.0	0.0	0.0
				94.00000	13.00000	68.24000	0.0	0.0	0.0
				95.00000	13.00000	68.24000	0.0	0.0	0.0
				96.00000	13.00000	68.24000	0.0	0.0	0.0
				97.00000	13.00000	68.24000	0.0	0.0	0.0
				98.00000	13.00000	68.24000	0.0	0.0	0.0
				99.00000	13.00000	68.24000	0.0	0.0	0.0
				100.00000	13.00000	68.24000	0.0	0.0	0.0
				0.00000	14.00000	68.24000	0.0	0.0	0.0
				1.00000	14.00000	68.24000	0.0	0.0	0.0
				2.00000	14.00000	68.24000	0.0	0.0	0.0
				3.00000	14.00000	68.24000	0.0	0.0	0.0
				4.00000	14.00000	68.24000	0.0	0.0	0.0
				5.00000	14.00000	68.24000	0.0	0.0	0.0
				6.00000	14.00000	68.24000	0.0	0.0	0.0
				7.00000	14.00000	68.24000	0.0	0.0	0.0
				8.00000	14.00000	68.24000	0.0	0.0	0.0
				9.00000	14.00000	68.24000	0.0	0.0	0.0
				10.00000	14.00000	68.24000	0.0	0.0	0.0
				11.00000	14.00000	68.24000	0.0	0.0	0.0
				12.00000	14.00000	68.24000	0.0	0.0	0.0
				13.00000	14.00000	68.24000	0.0	0.0	0.0
				14.00000	14.00000	68.24000	0.0	0.0	0.0
				15.00000	14.00000	68.24000	0.0	0.0	0.0
				16.00000	14.00000	68.24000	0.0	0.0	0.0
				17.00000	14.00000	68.24000	0.0	0.0	0.0
				18.00000	14.00000	68.24000	0.0	0.0	0.0
				19.00000	14.00000	68.24000	0.0	0.0	0.0
				20.00000	14.00000	68.24000	0.0	0.0	0.0
				21.00000	14.00000	68.24000	0.0	0.0	0.0
				22.00000	14.00000	68.24000	0.0	0.0	0.0
				23.00000	14.00000	68.24000	0.0	0.0	0.0
				24.00000	14.00000	68.24000	0.0	0.0	0.0
				25.00000	14.00000	68.24000	0.0	0.0	0.0
				26.00000	14.00000	68.24000	0.0	0.0	0.0
				27.00000	14.00000	68.24000	0.0	0.0	0.0
				28.00000	14.00000	68.24000	0.0	0.0	0.0
				29.00000	14.00000	68.24000	0.0	0.0	0.0
				30.00000	14.00000	68.24000	0.0	0.0	0.0
				31.00000	14.00000	68.24000	0.0	0.0	0.0
				32.00000	14.00000	68.24000	0.0	0.0	0.0
				33.00000	14.00000	68.24000	0.0	0.0	0.0
				34.00000	14.00000	68.24000	0.0	0.0	0.0
				35.00000	14.00000	68.24000	0.0	0.0	0.0
				36.00000	14.00000	68.24000	0.0	0.0	0.0
				37.00000	14.00000	68.24000	0.0	0.0	0.0
				38.00000	14.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				39.00000	14.00000	68.24000	0.0	0.0	0.0
				40.00000	14.00000	68.24000	0.0	0.0	0.0
				41.00000	14.00000	68.24000	0.0	0.0	0.0
				42.00000	14.00000	68.24000	0.0	0.0	0.0
				43.00000	14.00000	68.24000	0.0	0.0	0.0
				44.00000	14.00000	68.24000	0.0	0.0	0.0
				45.00000	14.00000	68.24000	0.0	0.0	0.0
				46.00000	14.00000	68.24000	0.0	0.0	0.0
				47.00000	14.00000	68.24000	0.0	0.0	0.0
				48.00000	14.00000	68.24000	0.0	0.0	0.0
				49.00000	14.00000	68.24000	0.0	0.0	0.0
				50.00000	14.00000	68.24000	0.0	0.0	0.0
				51.00000	14.00000	68.24000	0.0	0.0	0.0
				52.00000	14.00000	68.24000	0.0	0.0	0.0
				53.00000	14.00000	68.24000	0.0	0.0	0.0
				54.00000	14.00000	68.24000	0.0	0.0	0.0
				55.00000	14.00000	68.24000	0.0	0.0	0.0
				56.00000	14.00000	68.24000	0.0	0.0	0.0
				57.00000	14.00000	68.24000	0.0	0.0	0.0
				58.00000	14.00000	68.24000	0.0	0.0	0.0
				59.00000	14.00000	68.24000	0.0	0.0	0.0
				60.00000	14.00000	68.24000	0.0	0.0	0.0
				61.00000	14.00000	68.24000	0.0	0.0	0.0
				62.00000	14.00000	68.24000	0.0	0.0	0.0
				63.00000	14.00000	68.24000	0.0	0.0	0.0
				64.00000	14.00000	68.24000	0.0	0.0	0.0
				65.00000	14.00000	68.24000	0.0	0.0	0.0
				66.00000	14.00000	68.24000	0.0	0.0	0.0
				67.00000	14.00000	68.24000	0.0	0.0	0.0
				68.00000	14.00000	68.24000	0.0	0.0	0.0
				69.00000	14.00000	68.24000	0.0	0.0	0.0
				70.00000	14.00000	68.24000	0.0	0.0	0.0
				71.00000	14.00000	68.24000	0.0	0.0	0.0
				72.00000	14.00000	68.24000	0.0	0.0	0.0
				73.00000	14.00000	68.24000	0.0	0.0	0.0
				74.00000	14.00000	68.24000	0.0	0.0	0.0
				75.00000	14.00000	68.24000	0.0	0.0	0.0
				76.00000	14.00000	68.24000	0.0	0.0	0.0
				77.00000	14.00000	68.24000	0.0	0.0	0.0
				78.00000	14.00000	68.24000	0.0	0.0	0.0
				79.00000	14.00000	68.24000	0.0	0.0	0.0
				80.00000	14.00000	68.24000	0.0	0.0	0.0
				81.00000	14.00000	68.24000	0.0	0.0	0.0
				82.00000	14.00000	68.24000	0.0	0.0	0.0
				83.00000	14.00000	68.24000	0.0	0.0	0.0
				84.00000	14.00000	68.24000	0.0	0.0	0.0
				85.00000	14.00000	68.24000	0.0	0.0	0.0
				86.00000	14.00000	68.24000	0.0	0.0	0.0
				87.00000	14.00000	68.24000	0.0	0.0	0.0
				88.00000	14.00000	68.24000	0.0	0.0	0.0
				89.00000	14.00000	68.24000	0.0	0.0	0.0
				90.00000	14.00000	68.24000	0.0	0.0	0.0
				91.00000	14.00000	68.24000	0.0	0.0	0.0
				92.00000	14.00000	68.24000	0.0	0.0	0.0
				93.00000	14.00000	68.24000	0.0	0.0	0.0
				94.00000	14.00000	68.24000	0.0	0.0	0.0
				95.00000	14.00000	68.24000	0.0	0.0	0.0
				96.00000	14.00000	68.24000	0.0	0.0	0.0
				97.00000	14.00000	68.24000	0.0	0.0	0.0
				98.00000	14.00000	68.24000	0.0	0.0	0.0
				99.00000	14.00000	68.24000	0.0	0.0	0.0
				100.00000	14.00000	68.24000	0.0	0.0	0.0
				0.00000	15.00000	68.24000	0.0	0.0	0.0
				1.00000	15.00000	68.24000	0.0	0.0	0.0
				2.00000	15.00000	68.24000	0.0	0.0	0.0
				3.00000	15.00000	68.24000	0.0	0.0	0.0
				4.00000	15.00000	68.24000	0.0	0.0	0.0
				5.00000	15.00000	68.24000	0.0	0.0	0.0
				6.00000	15.00000	68.24000	0.0	0.0	0.0
				7.00000	15.00000	68.24000	0.0	0.0	0.0
				8.00000	15.00000	68.24000	0.0	0.0	0.0
				9.00000	15.00000	68.24000	0.0	0.0	0.0
				10.00000	15.00000	68.24000	0.0	0.0	0.0
				11.00000	15.00000	68.24000	0.0	0.0	0.0
				12.00000	15.00000	68.24000	0.0	0.0	0.0
				13.00000	15.00000	68.24000	0.0	0.0	0.0
				14.00000	15.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
15.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
16.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
17.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
18.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
19.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
20.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
21.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
22.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
23.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
24.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
25.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
26.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
27.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
28.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
29.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
30.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
31.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
32.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
33.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
34.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
35.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
36.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
37.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
38.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
39.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
40.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
41.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
42.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
43.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
44.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
45.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
46.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
47.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
48.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
49.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
50.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
51.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
52.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
53.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
54.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
55.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
56.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
57.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
58.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
59.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
60.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
61.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
62.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
63.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
64.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
65.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
66.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
67.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
68.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
69.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
70.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
71.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
72.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
73.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
74.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
75.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
76.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
77.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
78.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
79.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
80.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
81.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
82.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
83.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
84.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
85.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
86.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
87.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
88.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
89.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
90.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0
91.00000				15.00000	15.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				92.00000	15.00000	68.24000	0.0	0.0	0.0
				93.00000	15.00000	68.24000	0.0	0.0	0.0
				94.00000	15.00000	68.24000	0.0	0.0	0.0
				95.00000	15.00000	68.24000	0.0	0.0	0.0
				96.00000	15.00000	68.24000	0.0	0.0	0.0
				97.00000	15.00000	68.24000	0.0	0.0	0.0
				98.00000	15.00000	68.24000	0.0	0.0	0.0
				99.00000	15.00000	68.24000	0.0	0.0	0.0
				100.00000	15.00000	68.24000	0.0	0.0	0.0
				0.00000	16.00000	68.24000	0.0	0.0	0.0
				1.00000	16.00000	68.24000	0.0	0.0	0.0
				2.00000	16.00000	68.24000	0.0	0.0	0.0
				3.00000	16.00000	68.24000	0.0	0.0	0.0
				4.00000	16.00000	68.24000	0.0	0.0	0.0
				5.00000	16.00000	68.24000	0.0	0.0	0.0
				6.00000	16.00000	68.24000	0.0	0.0	0.0
				7.00000	16.00000	68.24000	0.0	0.0	0.0
				8.00000	16.00000	68.24000	0.0	0.0	0.0
				9.00000	16.00000	68.24000	0.0	0.0	0.0
				10.00000	16.00000	68.24000	0.0	0.0	0.0
				11.00000	16.00000	68.24000	0.0	0.0	0.0
				12.00000	16.00000	68.24000	0.0	0.0	0.0
				13.00000	16.00000	68.24000	0.0	0.0	0.0
				14.00000	16.00000	68.24000	0.0	0.0	0.0
				15.00000	16.00000	68.24000	0.0	0.0	0.0
				16.00000	16.00000	68.24000	0.0	0.0	0.0
				17.00000	16.00000	68.24000	0.0	0.0	0.0
				18.00000	16.00000	68.24000	0.0	0.0	0.0
				19.00000	16.00000	68.24000	0.0	0.0	0.0
				20.00000	16.00000	68.24000	0.0	0.0	0.0
				21.00000	16.00000	68.24000	0.0	0.0	0.0
				22.00000	16.00000	68.24000	0.0	0.0	0.0
				23.00000	16.00000	68.24000	0.0	0.0	0.0
				24.00000	16.00000	68.24000	0.0	0.0	0.0
				25.00000	16.00000	68.24000	0.0	0.0	0.0
				26.00000	16.00000	68.24000	0.0	0.0	0.0
				27.00000	16.00000	68.24000	0.0	0.0	0.0
				28.00000	16.00000	68.24000	0.0	0.0	0.0
				29.00000	16.00000	68.24000	0.0	0.0	0.0
				30.00000	16.00000	68.24000	0.0	0.0	0.0
				31.00000	16.00000	68.24000	0.0	0.0	0.0
				32.00000	16.00000	68.24000	0.0	0.0	0.0
				33.00000	16.00000	68.24000	0.0	0.0	0.0
				34.00000	16.00000	68.24000	0.0	0.0	0.0
				35.00000	16.00000	68.24000	0.0	0.0	0.0
				36.00000	16.00000	68.24000	0.0	0.0	0.0
				37.00000	16.00000	68.24000	0.0	0.0	0.0
				38.00000	16.00000	68.24000	0.0	0.0	0.0
				39.00000	16.00000	68.24000	0.0	0.0	0.0
				40.00000	16.00000	68.24000	0.0	0.0	0.0
				41.00000	16.00000	68.24000	0.0	0.0	0.0
				42.00000	16.00000	68.24000	0.0	0.0	0.0
				43.00000	16.00000	68.24000	0.0	0.0	0.0
				44.00000	16.00000	68.24000	0.0	0.0	0.0
				45.00000	16.00000	68.24000	0.0	0.0	0.0
				46.00000	16.00000	68.24000	0.0	0.0	0.0
				47.00000	16.00000	68.24000	0.0	0.0	0.0
				48.00000	16.00000	68.24000	0.0	0.0	0.0
				49.00000	16.00000	68.24000	0.0	0.0	0.0
				50.00000	16.00000	68.24000	0.0	0.0	0.0
				51.00000	16.00000	68.24000	0.0	0.0	0.0
				52.00000	16.00000	68.24000	0.0	0.0	0.0
				53.00000	16.00000	68.24000	0.0	0.0	0.0
				54.00000	16.00000	68.24000	0.0	0.0	0.0
				55.00000	16.00000	68.24000	0.0	0.0	0.0
				56.00000	16.00000	68.24000	0.0	0.0	0.0
				57.00000	16.00000	68.24000	0.0	0.0	0.0
				58.00000	16.00000	68.24000	0.0	0.0	0.0
				59.00000	16.00000	68.24000	0.0	0.0	0.0
				60.00000	16.00000	68.24000	0.0	0.0	0.0
				61.00000	16.00000	68.24000	0.0	0.0	0.0
				62.00000	16.00000	68.24000	0.0	0.0	0.0
				63.00000	16.00000	68.24000	0.0	0.0	0.0
				64.00000	16.00000	68.24000	0.0	0.0	0.0
				65.00000	16.00000	68.24000	0.0	0.0	0.0
				66.00000	16.00000	68.24000	0.0	0.0	0.0
				67.00000	16.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				68.00000	16.00000	68.24000	0.0	0.0	0.0
				69.00000	16.00000	68.24000	0.0	0.0	0.0
				70.00000	16.00000	68.24000	0.0	0.0	0.0
				71.00000	16.00000	68.24000	0.0	0.0	0.0
				72.00000	16.00000	68.24000	0.0	0.0	0.0
				73.00000	16.00000	68.24000	0.0	0.0	0.0
				74.00000	16.00000	68.24000	0.0	0.0	0.0
				75.00000	16.00000	68.24000	0.0	0.0	0.0
				76.00000	16.00000	68.24000	0.0	0.0	0.0
				77.00000	16.00000	68.24000	0.0	0.0	0.0
				78.00000	16.00000	68.24000	0.0	0.0	0.0
				79.00000	16.00000	68.24000	0.0	0.0	0.0
				80.00000	16.00000	68.24000	0.0	0.0	0.0
				81.00000	16.00000	68.24000	0.0	0.0	0.0
				82.00000	16.00000	68.24000	0.0	0.0	0.0
				83.00000	16.00000	68.24000	0.0	0.0	0.0
				84.00000	16.00000	68.24000	0.0	0.0	0.0
				85.00000	16.00000	68.24000	0.0	0.0	0.0
				86.00000	16.00000	68.24000	0.0	0.0	0.0
				87.00000	16.00000	68.24000	0.0	0.0	0.0
				88.00000	16.00000	68.24000	0.0	0.0	0.0
				89.00000	16.00000	68.24000	0.0	0.0	0.0
				90.00000	16.00000	68.24000	0.0	0.0	0.0
				91.00000	16.00000	68.24000	0.0	0.0	0.0
				92.00000	16.00000	68.24000	0.0	0.0	0.0
				93.00000	16.00000	68.24000	0.0	0.0	0.0
				94.00000	16.00000	68.24000	0.0	0.0	0.0
				95.00000	16.00000	68.24000	0.0	0.0	0.0
				96.00000	16.00000	68.24000	0.0	0.0	0.0
				97.00000	16.00000	68.24000	0.0	0.0	0.0
				98.00000	16.00000	68.24000	0.0	0.0	0.0
				99.00000	16.00000	68.24000	0.0	0.0	0.0
				100.00000	16.00000	68.24000	0.0	0.0	0.0
				0.00000	17.00000	68.24000	0.0	0.0	0.0
				1.00000	17.00000	68.24000	0.0	0.0	0.0
				2.00000	17.00000	68.24000	0.0	0.0	0.0
				3.00000	17.00000	68.24000	0.0	0.0	0.0
				4.00000	17.00000	68.24000	0.0	0.0	0.0
				5.00000	17.00000	68.24000	0.0	0.0	0.0
				6.00000	17.00000	68.24000	0.0	0.0	0.0
				7.00000	17.00000	68.24000	0.0	0.0	0.0
				8.00000	17.00000	68.24000	0.0	0.0	0.0
				9.00000	17.00000	68.24000	0.0	0.0	0.0
				10.00000	17.00000	68.24000	0.0	0.0	0.0
				11.00000	17.00000	68.24000	0.0	0.0	0.0
				12.00000	17.00000	68.24000	0.0	0.0	0.0
				13.00000	17.00000	68.24000	0.0	0.0	0.0
				14.00000	17.00000	68.24000	0.0	0.0	0.0
				15.00000	17.00000	68.24000	0.0	0.0	0.0
				16.00000	17.00000	68.24000	0.0	0.0	0.0
				17.00000	17.00000	68.24000	0.0	0.0	0.0
				18.00000	17.00000	68.24000	0.0	0.0	0.0
				19.00000	17.00000	68.24000	0.0	0.0	0.0
				20.00000	17.00000	68.24000	0.0	0.0	0.0
				21.00000	17.00000	68.24000	0.0	0.0	0.0
				22.00000	17.00000	68.24000	0.0	0.0	0.0
				23.00000	17.00000	68.24000	0.0	0.0	0.0
				24.00000	17.00000	68.24000	0.0	0.0	0.0
				25.00000	17.00000	68.24000	0.0	0.0	0.0
				26.00000	17.00000	68.24000	0.0	0.0	0.0
				27.00000	17.00000	68.24000	0.0	0.0	0.0
				28.00000	17.00000	68.24000	0.0	0.0	0.0
				29.00000	17.00000	68.24000	0.0	0.0	0.0
				30.00000	17.00000	68.24000	0.0	0.0	0.0
				31.00000	17.00000	68.24000	0.0	0.0	0.0
				32.00000	17.00000	68.24000	0.0	0.0	0.0
				33.00000	17.00000	68.24000	0.0	0.0	0.0
				34.00000	17.00000	68.24000	0.0	0.0	0.0
				35.00000	17.00000	68.24000	0.0	0.0	0.0
				36.00000	17.00000	68.24000	0.0	0.0	0.0
				37.00000	17.00000	68.24000	0.0	0.0	0.0
				38.00000	17.00000	68.24000	0.0	0.0	0.0
				39.00000	17.00000	68.24000	0.0	0.0	0.0
				40.00000	17.00000	68.24000	0.0	0.0	0.0
				41.00000	17.00000	68.24000	0.0	0.0	0.0
				42.00000	17.00000	68.24000	0.0	0.0	0.0
				43.00000	17.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				44.00000	17.00000	68.24000	0.0	0.0	0.0
				45.00000	17.00000	68.24000	0.0	0.0	0.0
				46.00000	17.00000	68.24000	0.0	0.0	0.0
				47.00000	17.00000	68.24000	0.0	0.0	0.0
				48.00000	17.00000	68.24000	0.0	0.0	0.0
				49.00000	17.00000	68.24000	0.0	0.0	0.0
				50.00000	17.00000	68.24000	0.0	0.0	0.0
				51.00000	17.00000	68.24000	0.0	0.0	0.0
				52.00000	17.00000	68.24000	0.0	0.0	0.0
				53.00000	17.00000	68.24000	0.0	0.0	0.0
				54.00000	17.00000	68.24000	0.0	0.0	0.0
				55.00000	17.00000	68.24000	0.0	0.0	0.0
				56.00000	17.00000	68.24000	0.0	0.0	0.0
				57.00000	17.00000	68.24000	0.0	0.0	0.0
				58.00000	17.00000	68.24000	0.0	0.0	0.0
				59.00000	17.00000	68.24000	0.0	0.0	0.0
				60.00000	17.00000	68.24000	0.0	0.0	0.0
				61.00000	17.00000	68.24000	0.0	0.0	0.0
				62.00000	17.00000	68.24000	0.0	0.0	0.0
				63.00000	17.00000	68.24000	0.0	0.0	0.0
				64.00000	17.00000	68.24000	0.0	0.0	0.0
				65.00000	17.00000	68.24000	0.0	0.0	0.0
				66.00000	17.00000	68.24000	0.0	0.0	0.0
				67.00000	17.00000	68.24000	0.0	0.0	0.0
				68.00000	17.00000	68.24000	0.0	0.0	0.0
				69.00000	17.00000	68.24000	0.0	0.0	0.0
				70.00000	17.00000	68.24000	0.0	0.0	0.0
				71.00000	17.00000	68.24000	0.0	0.0	0.0
				72.00000	17.00000	68.24000	0.0	0.0	0.0
				73.00000	17.00000	68.24000	0.0	0.0	0.0
				74.00000	17.00000	68.24000	0.0	0.0	0.0
				75.00000	17.00000	68.24000	0.0	0.0	0.0
				76.00000	17.00000	68.24000	0.0	0.0	0.0
				77.00000	17.00000	68.24000	0.0	0.0	0.0
				78.00000	17.00000	68.24000	0.0	0.0	0.0
				79.00000	17.00000	68.24000	0.0	0.0	0.0
				80.00000	17.00000	68.24000	0.0	0.0	0.0
				81.00000	17.00000	68.24000	0.0	0.0	0.0
				82.00000	17.00000	68.24000	0.0	0.0	0.0
				83.00000	17.00000	68.24000	0.0	0.0	0.0
				84.00000	17.00000	68.24000	0.0	0.0	0.0
				85.00000	17.00000	68.24000	0.0	0.0	0.0
				86.00000	17.00000	68.24000	0.0	0.0	0.0
				87.00000	17.00000	68.24000	0.0	0.0	0.0
				88.00000	17.00000	68.24000	0.0	0.0	0.0
				89.00000	17.00000	68.24000	0.0	0.0	0.0
				90.00000	17.00000	68.24000	0.0	0.0	0.0
				91.00000	17.00000	68.24000	0.0	0.0	0.0
				92.00000	17.00000	68.24000	0.0	0.0	0.0
				93.00000	17.00000	68.24000	0.0	0.0	0.0
				94.00000	17.00000	68.24000	0.0	0.0	0.0
				95.00000	17.00000	68.24000	0.0	0.0	0.0
				96.00000	17.00000	68.24000	0.0	0.0	0.0
				97.00000	17.00000	68.24000	0.0	0.0	0.0
				98.00000	17.00000	68.24000	0.0	0.0	0.0
				99.00000	17.00000	68.24000	0.0	0.0	0.0
				100.00000	17.00000	68.24000	0.0	0.0	0.0
				0.00000	18.00000	68.24000	0.0	0.0	0.0
				1.00000	18.00000	68.24000	0.0	0.0	0.0
				2.00000	18.00000	68.24000	0.0	0.0	0.0
				3.00000	18.00000	68.24000	0.0	0.0	0.0
				4.00000	18.00000	68.24000	0.0	0.0	0.0
				5.00000	18.00000	68.24000	0.0	0.0	0.0
				6.00000	18.00000	68.24000	0.0	0.0	0.0
				7.00000	18.00000	68.24000	0.0	0.0	0.0
				8.00000	18.00000	68.24000	0.0	0.0	0.0
				9.00000	18.00000	68.24000	0.0	0.0	0.0
				10.00000	18.00000	68.24000	0.0	0.0	0.0
				11.00000	18.00000	68.24000	0.0	0.0	0.0
				12.00000	18.00000	68.24000	0.0	0.0	0.0
				13.00000	18.00000	68.24000	0.0	0.0	0.0
				14.00000	18.00000	68.24000	0.0	0.0	0.0
				15.00000	18.00000	68.24000	0.0	0.0	0.0
				16.00000	18.00000	68.24000	0.0	0.0	0.0
				17.00000	18.00000	68.24000	0.0	0.0	0.0
				18.00000	18.00000	68.24000	0.0	0.0	0.0
				19.00000	18.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				20.00000	18.00000	68.24000	0.0	0.0	0.0
				21.00000	18.00000	68.24000	0.0	0.0	0.0
				22.00000	18.00000	68.24000	0.0	0.0	0.0
				23.00000	18.00000	68.24000	0.0	0.0	0.0
				24.00000	18.00000	68.24000	0.0	0.0	0.0
				25.00000	18.00000	68.24000	0.0	0.0	0.0
				26.00000	18.00000	68.24000	0.0	0.0	0.0
				27.00000	18.00000	68.24000	0.0	0.0	0.0
				28.00000	18.00000	68.24000	0.0	0.0	0.0
				29.00000	18.00000	68.24000	0.0	0.0	0.0
				30.00000	18.00000	68.24000	0.0	0.0	0.0
				31.00000	18.00000	68.24000	0.0	0.0	0.0
				32.00000	18.00000	68.24000	0.0	0.0	0.0
				33.00000	18.00000	68.24000	0.0	0.0	0.0
				34.00000	18.00000	68.24000	0.0	0.0	0.0
				35.00000	18.00000	68.24000	0.0	0.0	0.0
				36.00000	18.00000	68.24000	0.0	0.0	0.0
				37.00000	18.00000	68.24000	0.0	0.0	0.0
				38.00000	18.00000	68.24000	0.0	0.0	0.0
				39.00000	18.00000	68.24000	0.0	0.0	0.0
				40.00000	18.00000	68.24000	0.0	0.0	0.0
				41.00000	18.00000	68.24000	0.0	0.0	0.0
				42.00000	18.00000	68.24000	0.0	0.0	0.0
				43.00000	18.00000	68.24000	0.0	0.0	0.0
				44.00000	18.00000	68.24000	0.0	0.0	0.0
				45.00000	18.00000	68.24000	0.0	0.0	0.0
				46.00000	18.00000	68.24000	0.0	0.0	0.0
				47.00000	18.00000	68.24000	0.0	0.0	0.0
				48.00000	18.00000	68.24000	0.0	0.0	0.0
				49.00000	18.00000	68.24000	0.0	0.0	0.0
				50.00000	18.00000	68.24000	0.0	0.0	0.0
				51.00000	18.00000	68.24000	0.0	0.0	0.0
				52.00000	18.00000	68.24000	0.0	0.0	0.0
				53.00000	18.00000	68.24000	0.0	0.0	0.0
				54.00000	18.00000	68.24000	0.0	0.0	0.0
				55.00000	18.00000	68.24000	0.0	0.0	0.0
				56.00000	18.00000	68.24000	0.0	0.0	0.0
				57.00000	18.00000	68.24000	0.0	0.0	0.0
				58.00000	18.00000	68.24000	0.0	0.0	0.0
				59.00000	18.00000	68.24000	0.0	0.0	0.0
				60.00000	18.00000	68.24000	0.0	0.0	0.0
				61.00000	18.00000	68.24000	0.0	0.0	0.0
				62.00000	18.00000	68.24000	0.0	0.0	0.0
				63.00000	18.00000	68.24000	0.0	0.0	0.0
				64.00000	18.00000	68.24000	0.0	0.0	0.0
				65.00000	18.00000	68.24000	0.0	0.0	0.0
				66.00000	18.00000	68.24000	0.0	0.0	0.0
				67.00000	18.00000	68.24000	0.0	0.0	0.0
				68.00000	18.00000	68.24000	0.0	0.0	0.0
				69.00000	18.00000	68.24000	0.0	0.0	0.0
				70.00000	18.00000	68.24000	0.0	0.0	0.0
				71.00000	18.00000	68.24000	0.0	0.0	0.0
				72.00000	18.00000	68.24000	0.0	0.0	0.0
				73.00000	18.00000	68.24000	0.0	0.0	0.0
				74.00000	18.00000	68.24000	0.0	0.0	0.0
				75.00000	18.00000	68.24000	0.0	0.0	0.0
				76.00000	18.00000	68.24000	0.0	0.0	0.0
				77.00000	18.00000	68.24000	0.0	0.0	0.0
				78.00000	18.00000	68.24000	0.0	0.0	0.0
				79.00000	18.00000	68.24000	0.0	0.0	0.0
				80.00000	18.00000	68.24000	0.0	0.0	0.0
				81.00000	18.00000	68.24000	0.0	0.0	0.0
				82.00000	18.00000	68.24000	0.0	0.0	0.0
				83.00000	18.00000	68.24000	0.0	0.0	0.0
				84.00000	18.00000	68.24000	0.0	0.0	0.0
				85.00000	18.00000	68.24000	0.0	0.0	0.0
				86.00000	18.00000	68.24000	0.0	0.0	0.0
				87.00000	18.00000	68.24000	0.0	0.0	0.0
				88.00000	18.00000	68.24000	0.0	0.0	0.0
				89.00000	18.00000	68.24000	0.0	0.0	0.0
				90.00000	18.00000	68.24000	0.0	0.0	0.0
				91.00000	18.00000	68.24000	0.0	0.0	0.0
				92.00000	18.00000	68.24000	0.0	0.0	0.0
				93.00000	18.00000	68.24000	0.0	0.0	0.0
				94.00000	18.00000	68.24000	0.0	0.0	0.0
				95.00000	18.00000	68.24000	0.0	0.0	0.0
				96.00000	18.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				97.00000	18.00000	68.24000	0.0	0.0	0.0
				98.00000	18.00000	68.24000	0.0	0.0	0.0
				99.00000	18.00000	68.24000	0.0	0.0	0.0
				100.00000	18.00000	68.24000	0.0	0.0	0.0
				0.00000	19.00000	68.24000	0.0	0.0	0.0
				1.00000	19.00000	68.24000	0.0	0.0	0.0
				2.00000	19.00000	68.24000	0.0	0.0	0.0
				3.00000	19.00000	68.24000	0.0	0.0	0.0
				4.00000	19.00000	68.24000	0.0	0.0	0.0
				5.00000	19.00000	68.24000	0.0	0.0	0.0
				6.00000	19.00000	68.24000	0.0	0.0	0.0
				7.00000	19.00000	68.24000	0.0	0.0	0.0
				8.00000	19.00000	68.24000	0.0	0.0	0.0
				9.00000	19.00000	68.24000	0.0	0.0	0.0
				10.00000	19.00000	68.24000	0.0	0.0	0.0
				11.00000	19.00000	68.24000	0.0	0.0	0.0
				12.00000	19.00000	68.24000	0.0	0.0	0.0
				13.00000	19.00000	68.24000	0.0	0.0	0.0
				14.00000	19.00000	68.24000	0.0	0.0	0.0
				15.00000	19.00000	68.24000	0.0	0.0	0.0
				16.00000	19.00000	68.24000	0.0	0.0	0.0
				17.00000	19.00000	68.24000	0.0	0.0	0.0
				18.00000	19.00000	68.24000	0.0	0.0	0.0
				19.00000	19.00000	68.24000	0.0	0.0	0.0
				20.00000	19.00000	68.24000	0.0	0.0	0.0
				21.00000	19.00000	68.24000	0.0	0.0	0.0
				22.00000	19.00000	68.24000	0.0	0.0	0.0
				23.00000	19.00000	68.24000	0.0	0.0	0.0
				24.00000	19.00000	68.24000	0.0	0.0	0.0
				25.00000	19.00000	68.24000	0.0	0.0	0.0
				26.00000	19.00000	68.24000	0.0	0.0	0.0
				27.00000	19.00000	68.24000	0.0	0.0	0.0
				28.00000	19.00000	68.24000	0.0	0.0	0.0
				29.00000	19.00000	68.24000	0.0	0.0	0.0
				30.00000	19.00000	68.24000	0.0	0.0	0.0
				31.00000	19.00000	68.24000	0.0	0.0	0.0
				32.00000	19.00000	68.24000	0.0	0.0	0.0
				33.00000	19.00000	68.24000	0.0	0.0	0.0
				34.00000	19.00000	68.24000	0.0	0.0	0.0
				35.00000	19.00000	68.24000	0.0	0.0	0.0
				36.00000	19.00000	68.24000	0.0	0.0	0.0
				37.00000	19.00000	68.24000	0.0	0.0	0.0
				38.00000	19.00000	68.24000	0.0	0.0	0.0
				39.00000	19.00000	68.24000	0.0	0.0	0.0
				40.00000	19.00000	68.24000	0.0	0.0	0.0
				41.00000	19.00000	68.24000	0.0	0.0	0.0
				42.00000	19.00000	68.24000	0.0	0.0	0.0
				43.00000	19.00000	68.24000	0.0	0.0	0.0
				44.00000	19.00000	68.24000	0.0	0.0	0.0
				45.00000	19.00000	68.24000	0.0	0.0	0.0
				46.00000	19.00000	68.24000	0.0	0.0	0.0
				47.00000	19.00000	68.24000	0.0	0.0	0.0
				48.00000	19.00000	68.24000	0.0	0.0	0.0
				49.00000	19.00000	68.24000	0.0	0.0	0.0
				50.00000	19.00000	68.24000	0.0	0.0	0.0
				51.00000	19.00000	68.24000	0.0	0.0	0.0
				52.00000	19.00000	68.24000	0.0	0.0	0.0
				53.00000	19.00000	68.24000	0.0	0.0	0.0
				54.00000	19.00000	68.24000	0.0	0.0	0.0
				55.00000	19.00000	68.24000	0.0	0.0	0.0
				56.00000	19.00000	68.24000	0.0	0.0	0.0
				57.00000	19.00000	68.24000	0.0	0.0	0.0
				58.00000	19.00000	68.24000	0.0	0.0	0.0
				59.00000	19.00000	68.24000	0.0	0.0	0.0
				60.00000	19.00000	68.24000	0.0	0.0	0.0
				61.00000	19.00000	68.24000	0.0	0.0	0.0
				62.00000	19.00000	68.24000	0.0	0.0	0.0
				63.00000	19.00000	68.24000	0.0	0.0	0.0
				64.00000	19.00000	68.24000	0.0	0.0	0.0
				65.00000	19.00000	68.24000	0.0	0.0	0.0
				66.00000	19.00000	68.24000	0.0	0.0	0.0
				67.00000	19.00000	68.24000	0.0	0.0	0.0
				68.00000	19.00000	68.24000	0.0	0.0	0.0
				69.00000	19.00000	68.24000	0.0	0.0	0.0
				70.00000	19.00000	68.24000	0.0	0.0	0.0
				71.00000	19.00000	68.24000	0.0	0.0	0.0
				72.00000	19.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				73.00000	19.00000	68.24000	0.0	0.0	0.0
				74.00000	19.00000	68.24000	0.0	0.0	0.0
				75.00000	19.00000	68.24000	0.0	0.0	0.0
				76.00000	19.00000	68.24000	0.0	0.0	0.0
				77.00000	19.00000	68.24000	0.0	0.0	0.0
				78.00000	19.00000	68.24000	0.0	0.0	0.0
				79.00000	19.00000	68.24000	0.0	0.0	0.0
				80.00000	19.00000	68.24000	0.0	0.0	0.0
				81.00000	19.00000	68.24000	0.0	0.0	0.0
				82.00000	19.00000	68.24000	0.0	0.0	0.0
				83.00000	19.00000	68.24000	0.0	0.0	0.0
				84.00000	19.00000	68.24000	0.0	0.0	0.0
				85.00000	19.00000	68.24000	0.0	0.0	0.0
				86.00000	19.00000	68.24000	0.0	0.0	0.0
				87.00000	19.00000	68.24000	0.0	0.0	0.0
				88.00000	19.00000	68.24000	0.0	0.0	0.0
				89.00000	19.00000	68.24000	0.0	0.0	0.0
				90.00000	19.00000	68.24000	0.0	0.0	0.0
				91.00000	19.00000	68.24000	0.0	0.0	0.0
				92.00000	19.00000	68.24000	0.0	0.0	0.0
				93.00000	19.00000	68.24000	0.0	0.0	0.0
				94.00000	19.00000	68.24000	0.0	0.0	0.0
				95.00000	19.00000	68.24000	0.0	0.0	0.0
				96.00000	19.00000	68.24000	0.0	0.0	0.0
				97.00000	19.00000	68.24000	0.0	0.0	0.0
				98.00000	19.00000	68.24000	0.0	0.0	0.0
				99.00000	19.00000	68.24000	0.0	0.0	0.0
				100.00000	19.00000	68.24000	0.0	0.0	0.0
				0.00000	20.00000	68.24000	0.0	0.0	0.0
				1.00000	20.00000	68.24000	0.0	0.0	0.0
				2.00000	20.00000	68.24000	0.0	0.0	0.0
				3.00000	20.00000	68.24000	0.0	0.0	0.0
				4.00000	20.00000	68.24000	0.0	0.0	0.0
				5.00000	20.00000	68.24000	0.0	0.0	0.0
				6.00000	20.00000	68.24000	0.0	0.0	0.0
				7.00000	20.00000	68.24000	0.0	0.0	0.0
				8.00000	20.00000	68.24000	0.0	0.0	0.0
				9.00000	20.00000	68.24000	0.0	0.0	0.0
				10.00000	20.00000	68.24000	0.0	0.0	0.0
				11.00000	20.00000	68.24000	0.0	0.0	0.0
				12.00000	20.00000	68.24000	0.0	0.0	0.0
				13.00000	20.00000	68.24000	0.0	0.0	0.0
				14.00000	20.00000	68.24000	0.0	0.0	0.0
				15.00000	20.00000	68.24000	0.0	0.0	0.0
				16.00000	20.00000	68.24000	0.0	0.0	0.0
				17.00000	20.00000	68.24000	0.0	0.0	0.0
				18.00000	20.00000	68.24000	0.0	0.0	0.0
				19.00000	20.00000	68.24000	0.0	0.0	0.0
				20.00000	20.00000	68.24000	0.0	0.0	0.0
				21.00000	20.00000	68.24000	0.0	0.0	0.0
				22.00000	20.00000	68.24000	0.0	0.0	0.0
				23.00000	20.00000	68.24000	0.0	0.0	0.0
				24.00000	20.00000	68.24000	0.0	0.0	0.0
				25.00000	20.00000	68.24000	0.0	0.0	0.0
				26.00000	20.00000	68.24000	0.0	0.0	0.0
				27.00000	20.00000	68.24000	0.0	0.0	0.0
				28.00000	20.00000	68.24000	0.0	0.0	0.0
				29.00000	20.00000	68.24000	0.0	0.0	0.0
				30.00000	20.00000	68.24000	0.0	0.0	0.0
				31.00000	20.00000	68.24000	0.0	0.0	0.0
				32.00000	20.00000	68.24000	0.0	0.0	0.0
				33.00000	20.00000	68.24000	0.0	0.0	0.0
				34.00000	20.00000	68.24000	0.0	0.0	0.0
				35.00000	20.00000	68.24000	0.0	0.0	0.0
				36.00000	20.00000	68.24000	0.0	0.0	0.0
				37.00000	20.00000	68.24000	0.0	0.0	0.0
				38.00000	20.00000	68.24000	0.0	0.0	0.0
				39.00000	20.00000	68.24000	0.0	0.0	0.0
				40.00000	20.00000	68.24000	0.0	0.0	0.0
				41.00000	20.00000	68.24000	0.0	0.0	0.0
				42.00000	20.00000	68.24000	0.0	0.0	0.0
				43.00000	20.00000	68.24000	0.0	0.0	0.0
				44.00000	20.00000	68.24000	0.0	0.0	0.0
				45.00000	20.00000	68.24000	0.0	0.0	0.0
				46.00000	20.00000	68.24000	0.0	0.0	0.0
				47.00000	20.00000	68.24000	0.0	0.0	0.0
				48.00000	20.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				49.00000	20.00000	68.24000	0.0	0.0	0.0
				50.00000	20.00000	68.24000	0.0	0.0	0.0
				51.00000	20.00000	68.24000	0.0	0.0	0.0
				52.00000	20.00000	68.24000	0.0	0.0	0.0
				53.00000	20.00000	68.24000	0.0	0.0	0.0
				54.00000	20.00000	68.24000	0.0	0.0	0.0
				55.00000	20.00000	68.24000	0.0	0.0	0.0
				56.00000	20.00000	68.24000	0.0	0.0	0.0
				57.00000	20.00000	68.24000	0.0	0.0	0.0
				58.00000	20.00000	68.24000	0.0	0.0	0.0
				59.00000	20.00000	68.24000	0.0	0.0	0.0
				60.00000	20.00000	68.24000	0.0	0.0	0.0
				61.00000	20.00000	68.24000	0.0	0.0	0.0
				62.00000	20.00000	68.24000	0.0	0.0	0.0
				63.00000	20.00000	68.24000	0.0	0.0	0.0
				64.00000	20.00000	68.24000	0.0	0.0	0.0
				65.00000	20.00000	68.24000	0.0	0.0	0.0
				66.00000	20.00000	68.24000	0.0	0.0	0.0
				67.00000	20.00000	68.24000	0.0	0.0	0.0
				68.00000	20.00000	68.24000	0.0	0.0	0.0
				69.00000	20.00000	68.24000	0.0	0.0	0.0
				70.00000	20.00000	68.24000	0.0	0.0	0.0
				71.00000	20.00000	68.24000	0.0	0.0	0.0
				72.00000	20.00000	68.24000	0.0	0.0	0.0
				73.00000	20.00000	68.24000	0.0	0.0	0.0
				74.00000	20.00000	68.24000	0.0	0.0	0.0
				75.00000	20.00000	68.24000	0.0	0.0	0.0
				76.00000	20.00000	68.24000	0.0	0.0	0.0
				77.00000	20.00000	68.24000	0.0	0.0	0.0
				78.00000	20.00000	68.24000	0.0	0.0	0.0
				79.00000	20.00000	68.24000	0.0	0.0	0.0
				80.00000	20.00000	68.24000	0.0	0.0	0.0
				81.00000	20.00000	68.24000	0.0	0.0	0.0
				82.00000	20.00000	68.24000	0.0	0.0	0.0
				83.00000	20.00000	68.24000	0.0	0.0	0.0
				84.00000	20.00000	68.24000	0.0	0.0	0.0
				85.00000	20.00000	68.24000	0.0	0.0	0.0
				86.00000	20.00000	68.24000	0.0	0.0	0.0
				87.00000	20.00000	68.24000	0.0	0.0	0.0
				88.00000	20.00000	68.24000	0.0	0.0	0.0
				89.00000	20.00000	68.24000	0.0	0.0	0.0
				90.00000	20.00000	68.24000	0.0	0.0	0.0
				91.00000	20.00000	68.24000	0.0	0.0	0.0
				92.00000	20.00000	68.24000	0.0	0.0	0.0
				93.00000	20.00000	68.24000	0.0	0.0	0.0
				94.00000	20.00000	68.24000	0.0	0.0	0.0
				95.00000	20.00000	68.24000	0.0	0.0	0.0
				96.00000	20.00000	68.24000	0.0	0.0	0.0
				97.00000	20.00000	68.24000	0.0	0.0	0.0
				98.00000	20.00000	68.24000	0.0	0.0	0.0
				99.00000	20.00000	68.24000	0.0	0.0	0.0
				100.00000	20.00000	68.24000	0.0	0.0	0.0
				0.00000	21.00000	68.24000	0.0	0.0	0.0
				1.00000	21.00000	68.24000	0.0	0.0	0.0
				2.00000	21.00000	68.24000	0.0	0.0	0.0
				3.00000	21.00000	68.24000	0.0	0.0	0.0
				4.00000	21.00000	68.24000	0.0	0.0	0.0
				5.00000	21.00000	68.24000	0.0	0.0	0.0
				6.00000	21.00000	68.24000	0.0	0.0	0.0
				7.00000	21.00000	68.24000	0.0	0.0	0.0
				8.00000	21.00000	68.24000	0.0	0.0	0.0
				9.00000	21.00000	68.24000	0.0	0.0	0.0
				10.00000	21.00000	68.24000	0.0	0.0	0.0
				11.00000	21.00000	68.24000	0.0	0.0	0.0
				12.00000	21.00000	68.24000	0.0	0.0	0.0
				13.00000	21.00000	68.24000	0.0	0.0	0.0
				14.00000	21.00000	68.24000	0.0	0.0	0.0
				15.00000	21.00000	68.24000	0.0	0.0	0.0
				16.00000	21.00000	68.24000	0.0	0.0	0.0
				17.00000	21.00000	68.24000	0.0	0.0	0.0
				18.00000	21.00000	68.24000	0.0	0.0	0.0
				19.00000	21.00000	68.24000	0.0	0.0	0.0
				20.00000	21.00000	68.24000	0.0	0.0	0.0
				21.00000	21.00000	68.24000	0.0	0.0	0.0
				22.00000	21.00000	68.24000	0.0	0.0	0.0
				23.00000	21.00000	68.24000	0.0	0.0	0.0
				24.00000	21.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				25.00000	21.00000	68.24000	0.0	0.0	0.0
				26.00000	21.00000	68.24000	0.0	0.0	0.0
				27.00000	21.00000	68.24000	0.0	0.0	0.0
				28.00000	21.00000	68.24000	0.0	0.0	0.0
				29.00000	21.00000	68.24000	0.0	0.0	0.0
				30.00000	21.00000	68.24000	0.0	0.0	0.0
				31.00000	21.00000	68.24000	0.0	0.0	0.0
				32.00000	21.00000	68.24000	0.0	0.0	0.0
				33.00000	21.00000	68.24000	0.0	0.0	0.0
				34.00000	21.00000	68.24000	0.0	0.0	0.0
				35.00000	21.00000	68.24000	0.0	0.0	0.0
				36.00000	21.00000	68.24000	0.0	0.0	0.0
				37.00000	21.00000	68.24000	0.0	0.0	0.0
				38.00000	21.00000	68.24000	0.0	0.0	0.0
				39.00000	21.00000	68.24000	0.0	0.0	0.0
				40.00000	21.00000	68.24000	0.0	0.0	0.0
				41.00000	21.00000	68.24000	0.0	0.0	0.0
				42.00000	21.00000	68.24000	0.0	0.0	0.0
				43.00000	21.00000	68.24000	0.0	0.0	0.0
				44.00000	21.00000	68.24000	0.0	0.0	0.0
				45.00000	21.00000	68.24000	0.0	0.0	0.0
				46.00000	21.00000	68.24000	0.0	0.0	0.0
				47.00000	21.00000	68.24000	0.0	0.0	0.0
				48.00000	21.00000	68.24000	0.0	0.0	0.0
				49.00000	21.00000	68.24000	0.0	0.0	0.0
				50.00000	21.00000	68.24000	0.0	0.0	0.0
				51.00000	21.00000	68.24000	0.0	0.0	0.0
				52.00000	21.00000	68.24000	0.0	0.0	0.0
				53.00000	21.00000	68.24000	0.0	0.0	0.0
				54.00000	21.00000	68.24000	0.0	0.0	0.0
				55.00000	21.00000	68.24000	0.0	0.0	0.0
				56.00000	21.00000	68.24000	0.0	0.0	0.0
				57.00000	21.00000	68.24000	0.0	0.0	0.0
				58.00000	21.00000	68.24000	0.0	0.0	0.0
				59.00000	21.00000	68.24000	0.0	0.0	0.0
				60.00000	21.00000	68.24000	0.0	0.0	0.0
				61.00000	21.00000	68.24000	0.0	0.0	0.0
				62.00000	21.00000	68.24000	0.0	0.0	0.0
				63.00000	21.00000	68.24000	0.0	0.0	0.0
				64.00000	21.00000	68.24000	0.0	0.0	0.0
				65.00000	21.00000	68.24000	0.0	0.0	0.0
				66.00000	21.00000	68.24000	0.0	0.0	0.0
				67.00000	21.00000	68.24000	0.0	0.0	0.0
				68.00000	21.00000	68.24000	0.0	0.0	0.0
				69.00000	21.00000	68.24000	0.0	0.0	0.0
				70.00000	21.00000	68.24000	0.0	0.0	0.0
				71.00000	21.00000	68.24000	0.0	0.0	0.0
				72.00000	21.00000	68.24000	0.0	0.0	0.0
				73.00000	21.00000	68.24000	0.0	0.0	0.0
				74.00000	21.00000	68.24000	0.0	0.0	0.0
				75.00000	21.00000	68.24000	0.0	0.0	0.0
				76.00000	21.00000	68.24000	0.0	0.0	0.0
				77.00000	21.00000	68.24000	0.0	0.0	0.0
				78.00000	21.00000	68.24000	0.0	0.0	0.0
				79.00000	21.00000	68.24000	0.0	0.0	0.0
				80.00000	21.00000	68.24000	0.0	0.0	0.0
				81.00000	21.00000	68.24000	0.0	0.0	0.0
				82.00000	21.00000	68.24000	0.0	0.0	0.0
				83.00000	21.00000	68.24000	0.0	0.0	0.0
				84.00000	21.00000	68.24000	0.0	0.0	0.0
				85.00000	21.00000	68.24000	0.0	0.0	0.0
				86.00000	21.00000	68.24000	0.0	0.0	0.0
				87.00000	21.00000	68.24000	0.0	0.0	0.0
				88.00000	21.00000	68.24000	0.0	0.0	0.0
				89.00000	21.00000	68.24000	0.0	0.0	0.0
				90.00000	21.00000	68.24000	0.0	0.0	0.0
				91.00000	21.00000	68.24000	0.0	0.0	0.0
				92.00000	21.00000	68.24000	0.0	0.0	0.0
				93.00000	21.00000	68.24000	0.0	0.0	0.0
				94.00000	21.00000	68.24000	0.0	0.0	0.0
				95.00000	21.00000	68.24000	0.0	0.0	0.0
				96.00000	21.00000	68.24000	0.0	0.0	0.0
				97.00000	21.00000	68.24000	0.0	0.0	0.0
				98.00000	21.00000	68.24000	0.0	0.0	0.0
				99.00000	21.00000	68.24000	0.0	0.0	0.0
				100.00000	21.00000	68.24000	0.0	0.0	0.0
				0.00000	22.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.00000		22.00000		68.24000			0.0	0.0	0.0
2.00000		22.00000		68.24000			0.0	0.0	0.0
3.00000		22.00000		68.24000			0.0	0.0	0.0
4.00000		22.00000		68.24000			0.0	0.0	0.0
5.00000		22.00000		68.24000			0.0	0.0	0.0
6.00000		22.00000		68.24000			0.0	0.0	0.0
7.00000		22.00000		68.24000			0.0	0.0	0.0
8.00000		22.00000		68.24000			0.0	0.0	0.0
9.00000		22.00000		68.24000			0.0	0.0	0.0
10.00000		22.00000		68.24000			0.0	0.0	0.0
11.00000		22.00000		68.24000			0.0	0.0	0.0
12.00000		22.00000		68.24000			0.0	0.0	0.0
13.00000		22.00000		68.24000			0.0	0.0	0.0
14.00000		22.00000		68.24000			0.0	0.0	0.0
15.00000		22.00000		68.24000			0.0	0.0	0.0
16.00000		22.00000		68.24000			0.0	0.0	0.0
17.00000		22.00000		68.24000			0.0	0.0	0.0
18.00000		22.00000		68.24000			0.0	0.0	0.0
19.00000		22.00000		68.24000			0.0	0.0	0.0
20.00000		22.00000		68.24000			0.0	0.0	0.0
21.00000		22.00000		68.24000			0.0	0.0	0.0
22.00000		22.00000		68.24000			0.0	0.0	0.0
23.00000		22.00000		68.24000			0.0	0.0	0.0
24.00000		22.00000		68.24000			0.0	0.0	0.0
25.00000		22.00000		68.24000			0.0	0.0	0.0
26.00000		22.00000		68.24000			0.0	0.0	0.0
27.00000		22.00000		68.24000			0.0	0.0	0.0
28.00000		22.00000		68.24000			0.0	0.0	0.0
29.00000		22.00000		68.24000			0.0	0.0	0.0
30.00000		22.00000		68.24000			0.0	0.0	0.0
31.00000		22.00000		68.24000			0.0	0.0	0.0
32.00000		22.00000		68.24000			0.0	0.0	0.0
33.00000		22.00000		68.24000			0.0	0.0	0.0
34.00000		22.00000		68.24000			0.0	0.0	0.0
35.00000		22.00000		68.24000			0.0	0.0	0.0
36.00000		22.00000		68.24000			0.0	0.0	0.0
37.00000		22.00000		68.24000			0.0	0.0	0.0
38.00000		22.00000		68.24000			0.0	0.0	0.0
39.00000		22.00000		68.24000			0.0	0.0	0.0
40.00000		22.00000		68.24000			0.0	0.0	0.0
41.00000		22.00000		68.24000			0.0	0.0	0.0
42.00000		22.00000		68.24000			0.0	0.0	0.0
43.00000		22.00000		68.24000			0.0	0.0	0.0
44.00000		22.00000		68.24000			0.0	0.0	0.0
45.00000		22.00000		68.24000			0.0	0.0	0.0
46.00000		22.00000		68.24000			0.0	0.0	0.0
47.00000		22.00000		68.24000			0.0	0.0	0.0
48.00000		22.00000		68.24000			0.0	0.0	0.0
49.00000		22.00000		68.24000			0.0	0.0	0.0
50.00000		22.00000		68.24000			0.0	0.0	0.0
51.00000		22.00000		68.24000			0.0	0.0	0.0
52.00000		22.00000		68.24000			0.0	0.0	0.0
53.00000		22.00000		68.24000			0.0	0.0	0.0
54.00000		22.00000		68.24000			0.0	0.0	0.0
55.00000		22.00000		68.24000			0.0	0.0	0.0
56.00000		22.00000		68.24000			0.0	0.0	0.0
57.00000		22.00000		68.24000			0.0	0.0	0.0
58.00000		22.00000		68.24000			0.0	0.0	0.0
59.00000		22.00000		68.24000			0.0	0.0	0.0
60.00000		22.00000		68.24000			0.0	0.0	0.0
61.00000		22.00000		68.24000			0.0	0.0	0.0
62.00000		22.00000		68.24000			0.0	0.0	0.0
63.00000		22.00000		68.24000			0.0	0.0	0.0
64.00000		22.00000		68.24000			0.0	0.0	0.0
65.00000		22.00000		68.24000			0.0	0.0	0.0
66.00000		22.00000		68.24000			0.0	0.0	0.0
67.00000		22.00000		68.24000			0.0	0.0	0.0
68.00000		22.00000		68.24000			0.0	0.0	0.0
69.00000		22.00000		68.24000			0.0	0.0	0.0
70.00000		22.00000		68.24000			0.0	0.0	0.0
71.00000		22.00000		68.24000			0.0	0.0	0.0
72.00000		22.00000		68.24000			0.0	0.0	0.0
73.00000		22.00000		68.24000			0.0	0.0	0.0
74.00000		22.00000		68.24000			0.0	0.0	0.0
75.00000		22.00000		68.24000			0.0	0.0	0.0
76.00000		22.00000		68.24000			0.0	0.0	0.0
77.00000		22.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				78.00000	22.00000	68.24000	0.0	0.0	0.0
				79.00000	22.00000	68.24000	0.0	0.0	0.0
				80.00000	22.00000	68.24000	0.0	0.0	0.0
				81.00000	22.00000	68.24000	0.0	0.0	0.0
				82.00000	22.00000	68.24000	0.0	0.0	0.0
				83.00000	22.00000	68.24000	0.0	0.0	0.0
				84.00000	22.00000	68.24000	0.0	0.0	0.0
				85.00000	22.00000	68.24000	0.0	0.0	0.0
				86.00000	22.00000	68.24000	0.0	0.0	0.0
				87.00000	22.00000	68.24000	0.0	0.0	0.0
				88.00000	22.00000	68.24000	0.0	0.0	0.0
				89.00000	22.00000	68.24000	0.0	0.0	0.0
				90.00000	22.00000	68.24000	0.0	0.0	0.0
				91.00000	22.00000	68.24000	0.0	0.0	0.0
				92.00000	22.00000	68.24000	0.0	0.0	0.0
				93.00000	22.00000	68.24000	0.0	0.0	0.0
				94.00000	22.00000	68.24000	0.0	0.0	0.0
				95.00000	22.00000	68.24000	0.0	0.0	0.0
				96.00000	22.00000	68.24000	0.0	0.0	0.0
				97.00000	22.00000	68.24000	0.0	0.0	0.0
				98.00000	22.00000	68.24000	0.0	0.0	0.0
				99.00000	22.00000	68.24000	0.0	0.0	0.0
				100.00000	22.00000	68.24000	0.0	0.0	0.0
				0.00000	23.00000	68.24000	0.0	0.0	0.0
				1.00000	23.00000	68.24000	0.0	0.0	0.0
				2.00000	23.00000	68.24000	0.0	0.0	0.0
				3.00000	23.00000	68.24000	0.0	0.0	0.0
				4.00000	23.00000	68.24000	0.0	0.0	0.0
				5.00000	23.00000	68.24000	0.0	0.0	0.0
				6.00000	23.00000	68.24000	0.0	0.0	0.0
				7.00000	23.00000	68.24000	0.0	0.0	0.0
				8.00000	23.00000	68.24000	0.0	0.0	0.0
				9.00000	23.00000	68.24000	0.0	0.0	0.0
				10.00000	23.00000	68.24000	0.0	0.0	0.0
				11.00000	23.00000	68.24000	0.0	0.0	0.0
				12.00000	23.00000	68.24000	0.0	0.0	0.0
				13.00000	23.00000	68.24000	0.0	0.0	0.0
				14.00000	23.00000	68.24000	0.0	0.0	0.0
				15.00000	23.00000	68.24000	0.0	0.0	0.0
				16.00000	23.00000	68.24000	0.0	0.0	0.0
				17.00000	23.00000	68.24000	0.0	0.0	0.0
				18.00000	23.00000	68.24000	0.0	0.0	0.0
				19.00000	23.00000	68.24000	0.0	0.0	0.0
				20.00000	23.00000	68.24000	0.0	0.0	0.0
				21.00000	23.00000	68.24000	0.0	0.0	0.0
				22.00000	23.00000	68.24000	0.0	0.0	0.0
				23.00000	23.00000	68.24000	0.0	0.0	0.0
				24.00000	23.00000	68.24000	0.0	0.0	0.0
				25.00000	23.00000	68.24000	0.0	0.0	0.0
				26.00000	23.00000	68.24000	0.0	0.0	0.0
				27.00000	23.00000	68.24000	0.0	0.0	0.0
				28.00000	23.00000	68.24000	0.0	0.0	0.0
				29.00000	23.00000	68.24000	0.0	0.0	0.0
				30.00000	23.00000	68.24000	0.0	0.0	0.0
				31.00000	23.00000	68.24000	0.0	0.0	0.0
				32.00000	23.00000	68.24000	0.0	0.0	0.0
				33.00000	23.00000	68.24000	0.0	0.0	0.0
				34.00000	23.00000	68.24000	0.0	0.0	0.0
				35.00000	23.00000	68.24000	0.0	0.0	0.0
				36.00000	23.00000	68.24000	0.0	0.0	0.0
				37.00000	23.00000	68.24000	0.0	0.0	0.0
				38.00000	23.00000	68.24000	0.0	0.0	0.0
				39.00000	23.00000	68.24000	0.0	0.0	0.0
				40.00000	23.00000	68.24000	0.0	0.0	0.0
				41.00000	23.00000	68.24000	0.0	0.0	0.0
				42.00000	23.00000	68.24000	0.0	0.0	0.0
				43.00000	23.00000	68.24000	0.0	0.0	0.0
				44.00000	23.00000	68.24000	0.0	0.0	0.0
				45.00000	23.00000	68.24000	0.0	0.0	0.0
				46.00000	23.00000	68.24000	0.0	0.0	0.0
				47.00000	23.00000	68.24000	0.0	0.0	0.0
				48.00000	23.00000	68.24000	0.0	0.0	0.0
				49.00000	23.00000	68.24000	0.0	0.0	0.0
				50.00000	23.00000	68.24000	0.0	0.0	0.0
				51.00000	23.00000	68.24000	0.0	0.0	0.0
				52.00000	23.00000	68.24000	0.0	0.0	0.0
				53.00000	23.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				54.00000	23.00000	68.24000	0.0	0.0	0.0
				55.00000	23.00000	68.24000	0.0	0.0	0.0
				56.00000	23.00000	68.24000	0.0	0.0	0.0
				57.00000	23.00000	68.24000	0.0	0.0	0.0
				58.00000	23.00000	68.24000	0.0	0.0	0.0
				59.00000	23.00000	68.24000	0.0	0.0	0.0
				60.00000	23.00000	68.24000	0.0	0.0	0.0
				61.00000	23.00000	68.24000	0.0	0.0	0.0
				62.00000	23.00000	68.24000	0.0	0.0	0.0
				63.00000	23.00000	68.24000	0.0	0.0	0.0
				64.00000	23.00000	68.24000	0.0	0.0	0.0
				65.00000	23.00000	68.24000	0.0	0.0	0.0
				66.00000	23.00000	68.24000	0.0	0.0	0.0
				67.00000	23.00000	68.24000	0.0	0.0	0.0
				68.00000	23.00000	68.24000	0.0	0.0	0.0
				69.00000	23.00000	68.24000	0.0	0.0	0.0
				70.00000	23.00000	68.24000	0.0	0.0	0.0
				71.00000	23.00000	68.24000	0.0	0.0	0.0
				72.00000	23.00000	68.24000	0.0	0.0	0.0
				73.00000	23.00000	68.24000	0.0	0.0	0.0
				74.00000	23.00000	68.24000	0.0	0.0	0.0
				75.00000	23.00000	68.24000	0.0	0.0	0.0
				76.00000	23.00000	68.24000	0.0	0.0	0.0
				77.00000	23.00000	68.24000	0.0	0.0	0.0
				78.00000	23.00000	68.24000	0.0	0.0	0.0
				79.00000	23.00000	68.24000	0.0	0.0	0.0
				80.00000	23.00000	68.24000	0.0	0.0	0.0
				81.00000	23.00000	68.24000	0.0	0.0	0.0
				82.00000	23.00000	68.24000	0.0	0.0	0.0
				83.00000	23.00000	68.24000	0.0	0.0	0.0
				84.00000	23.00000	68.24000	0.0	0.0	0.0
				85.00000	23.00000	68.24000	0.0	0.0	0.0
				86.00000	23.00000	68.24000	0.0	0.0	0.0
				87.00000	23.00000	68.24000	0.0	0.0	0.0
				88.00000	23.00000	68.24000	0.0	0.0	0.0
				89.00000	23.00000	68.24000	0.0	0.0	0.0
				90.00000	23.00000	68.24000	0.0	0.0	0.0
				91.00000	23.00000	68.24000	0.0	0.0	0.0
				92.00000	23.00000	68.24000	0.0	0.0	0.0
				93.00000	23.00000	68.24000	0.0	0.0	0.0
				94.00000	23.00000	68.24000	0.0	0.0	0.0
				95.00000	23.00000	68.24000	0.0	0.0	0.0
				96.00000	23.00000	68.24000	0.0	0.0	0.0
				97.00000	23.00000	68.24000	0.0	0.0	0.0
				98.00000	23.00000	68.24000	0.0	0.0	0.0
				99.00000	23.00000	68.24000	0.0	0.0	0.0
				100.00000	23.00000	68.24000	0.0	0.0	0.0
				0.00000	24.00000	68.24000	0.0	0.0	0.0
				1.00000	24.00000	68.24000	0.0	0.0	0.0
				2.00000	24.00000	68.24000	0.0	0.0	0.0
				3.00000	24.00000	68.24000	0.0	0.0	0.0
				4.00000	24.00000	68.24000	0.0	0.0	0.0
				5.00000	24.00000	68.24000	0.0	0.0	0.0
				6.00000	24.00000	68.24000	0.0	0.0	0.0
				7.00000	24.00000	68.24000	0.0	0.0	0.0
				8.00000	24.00000	68.24000	0.0	0.0	0.0
				9.00000	24.00000	68.24000	0.0	0.0	0.0
				10.00000	24.00000	68.24000	0.0	0.0	0.0
				11.00000	24.00000	68.24000	0.0	0.0	0.0
				12.00000	24.00000	68.24000	0.0	0.0	0.0
				13.00000	24.00000	68.24000	0.0	0.0	0.0
				14.00000	24.00000	68.24000	0.0	0.0	0.0
				15.00000	24.00000	68.24000	0.0	0.0	0.0
				16.00000	24.00000	68.24000	0.0	0.0	0.0
				17.00000	24.00000	68.24000	0.0	0.0	0.0
				18.00000	24.00000	68.24000	0.0	0.0	0.0
				19.00000	24.00000	68.24000	0.0	0.0	0.0
				20.00000	24.00000	68.24000	0.0	0.0	0.0
				21.00000	24.00000	68.24000	0.0	0.0	0.0
				22.00000	24.00000	68.24000	0.0	0.0	0.0
				23.00000	24.00000	68.24000	0.0	0.0	0.0
				24.00000	24.00000	68.24000	0.0	0.0	0.0
				25.00000	24.00000	68.24000	0.0	0.0	0.0
				26.00000	24.00000	68.24000	0.0	0.0	0.0
				27.00000	24.00000	68.24000	0.0	0.0	0.0
				28.00000	24.00000	68.24000	0.0	0.0	0.0
				29.00000	24.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				30.00000	24.00000	68.24000	0.0	0.0	0.0
				31.00000	24.00000	68.24000	0.0	0.0	0.0
				32.00000	24.00000	68.24000	0.0	0.0	0.0
				33.00000	24.00000	68.24000	0.0	0.0	0.0
				34.00000	24.00000	68.24000	0.0	0.0	0.0
				35.00000	24.00000	68.24000	0.0	0.0	0.0
				36.00000	24.00000	68.24000	0.0	0.0	0.0
				37.00000	24.00000	68.24000	0.0	0.0	0.0
				38.00000	24.00000	68.24000	0.0	0.0	0.0
				39.00000	24.00000	68.24000	0.0	0.0	0.0
				40.00000	24.00000	68.24000	0.0	0.0	0.0
				41.00000	24.00000	68.24000	0.0	0.0	0.0
				42.00000	24.00000	68.24000	0.0	0.0	0.0
				43.00000	24.00000	68.24000	0.0	0.0	0.0
				44.00000	24.00000	68.24000	0.0	0.0	0.0
				45.00000	24.00000	68.24000	0.0	0.0	0.0
				46.00000	24.00000	68.24000	0.0	0.0	0.0
				47.00000	24.00000	68.24000	0.0	0.0	0.0
				48.00000	24.00000	68.24000	0.0	0.0	0.0
				49.00000	24.00000	68.24000	0.0	0.0	0.0
				50.00000	24.00000	68.24000	0.0	0.0	0.0
				51.00000	24.00000	68.24000	0.0	0.0	0.0
				52.00000	24.00000	68.24000	0.0	0.0	0.0
				53.00000	24.00000	68.24000	0.0	0.0	0.0
				54.00000	24.00000	68.24000	0.0	0.0	0.0
				55.00000	24.00000	68.24000	0.0	0.0	0.0
				56.00000	24.00000	68.24000	0.0	0.0	0.0
				57.00000	24.00000	68.24000	0.0	0.0	0.0
				58.00000	24.00000	68.24000	0.0	0.0	0.0
				59.00000	24.00000	68.24000	0.0	0.0	0.0
				60.00000	24.00000	68.24000	0.0	0.0	0.0
				61.00000	24.00000	68.24000	0.0	0.0	0.0
				62.00000	24.00000	68.24000	0.0	0.0	0.0
				63.00000	24.00000	68.24000	0.0	0.0	0.0
				64.00000	24.00000	68.24000	0.0	0.0	0.0
				65.00000	24.00000	68.24000	0.0	0.0	0.0
				66.00000	24.00000	68.24000	0.0	0.0	0.0
				67.00000	24.00000	68.24000	0.0	0.0	0.0
				68.00000	24.00000	68.24000	0.0	0.0	0.0
				69.00000	24.00000	68.24000	0.0	0.0	0.0
				70.00000	24.00000	68.24000	0.0	0.0	0.0
				71.00000	24.00000	68.24000	0.0	0.0	0.0
				72.00000	24.00000	68.24000	0.0	0.0	0.0
				73.00000	24.00000	68.24000	0.0	0.0	0.0
				74.00000	24.00000	68.24000	0.0	0.0	0.0
				75.00000	24.00000	68.24000	0.0	0.0	0.0
				76.00000	24.00000	68.24000	0.0	0.0	0.0
				77.00000	24.00000	68.24000	0.0	0.0	0.0
				78.00000	24.00000	68.24000	0.0	0.0	0.0
				79.00000	24.00000	68.24000	0.0	0.0	0.0
				80.00000	24.00000	68.24000	0.0	0.0	0.0
				81.00000	24.00000	68.24000	0.0	0.0	0.0
				82.00000	24.00000	68.24000	0.0	0.0	0.0
				83.00000	24.00000	68.24000	0.0	0.0	0.0
				84.00000	24.00000	68.24000	0.0	0.0	0.0
				85.00000	24.00000	68.24000	0.0	0.0	0.0
				86.00000	24.00000	68.24000	0.0	0.0	0.0
				87.00000	24.00000	68.24000	0.0	0.0	0.0
				88.00000	24.00000	68.24000	0.0	0.0	0.0
				89.00000	24.00000	68.24000	0.0	0.0	0.0
				90.00000	24.00000	68.24000	0.0	0.0	0.0
				91.00000	24.00000	68.24000	0.0	0.0	0.0
				92.00000	24.00000	68.24000	0.0	0.0	0.0
				93.00000	24.00000	68.24000	0.0	0.0	0.0
				94.00000	24.00000	68.24000	0.0	0.0	0.0
				95.00000	24.00000	68.24000	0.0	0.0	0.0
				96.00000	24.00000	68.24000	0.0	0.0	0.0
				97.00000	24.00000	68.24000	0.0	0.0	0.0
				98.00000	24.00000	68.24000	0.0	0.0	0.0
				99.00000	24.00000	68.24000	0.0	0.0	0.0
				100.00000	24.00000	68.24000	0.0	0.0	0.0
				0.00000	25.00000	68.24000	0.0	0.0	0.0
				1.00000	25.00000	68.24000	0.0	0.0	0.0
				2.00000	25.00000	68.24000	0.0	0.0	0.0
				3.00000	25.00000	68.24000	0.0	0.0	0.0
				4.00000	25.00000	68.24000	0.0	0.0	0.0
				5.00000	25.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
6.00000		25.00000		68.24000			0.0	0.0	0.0
7.00000		25.00000		68.24000			0.0	0.0	0.0
8.00000		25.00000		68.24000			0.0	0.0	0.0
9.00000		25.00000		68.24000			0.0	0.0	0.0
10.00000		25.00000		68.24000			0.0	0.0	0.0
11.00000		25.00000		68.24000			0.0	0.0	0.0
12.00000		25.00000		68.24000			0.0	0.0	0.0
13.00000		25.00000		68.24000			0.0	0.0	0.0
14.00000		25.00000		68.24000			0.0	0.0	0.0
15.00000		25.00000		68.24000			0.0	0.0	0.0
16.00000		25.00000		68.24000			0.0	0.0	0.0
17.00000		25.00000		68.24000			0.0	0.0	0.0
18.00000		25.00000		68.24000			0.0	0.0	0.0
19.00000		25.00000		68.24000			0.0	0.0	0.0
20.00000		25.00000		68.24000			0.0	0.0	0.0
21.00000		25.00000		68.24000			0.0	0.0	0.0
22.00000		25.00000		68.24000			0.0	0.0	0.0
23.00000		25.00000		68.24000			0.0	0.0	0.0
24.00000		25.00000		68.24000			0.0	0.0	0.0
25.00000		25.00000		68.24000			0.0	0.0	0.0
26.00000		25.00000		68.24000			0.0	0.0	0.0
27.00000		25.00000		68.24000			0.0	0.0	0.0
28.00000		25.00000		68.24000			0.0	0.0	0.0
29.00000		25.00000		68.24000			0.0	0.0	0.0
30.00000		25.00000		68.24000			0.0	0.0	0.0
31.00000		25.00000		68.24000			0.0	0.0	0.0
32.00000		25.00000		68.24000			0.0	0.0	0.0
33.00000		25.00000		68.24000			0.0	0.0	0.0
34.00000		25.00000		68.24000			0.0	0.0	0.0
35.00000		25.00000		68.24000			0.0	0.0	0.0
36.00000		25.00000		68.24000			0.0	0.0	0.0
37.00000		25.00000		68.24000			0.0	0.0	0.0
38.00000		25.00000		68.24000			0.0	0.0	0.0
39.00000		25.00000		68.24000			0.0	0.0	0.0
40.00000		25.00000		68.24000			0.0	0.0	0.0
41.00000		25.00000		68.24000			0.0	0.0	0.0
42.00000		25.00000		68.24000			0.0	0.0	0.0
43.00000		25.00000		68.24000			0.0	0.0	0.0
44.00000		25.00000		68.24000			0.0	0.0	0.0
45.00000		25.00000		68.24000			0.0	0.0	0.0
46.00000		25.00000		68.24000			0.0	0.0	0.0
47.00000		25.00000		68.24000			0.0	0.0	0.0
48.00000		25.00000		68.24000			0.0	0.0	0.0
49.00000		25.00000		68.24000			0.0	0.0	0.0
50.00000		25.00000		68.24000			0.0	0.0	0.0
51.00000		25.00000		68.24000			0.0	0.0	0.0
52.00000		25.00000		68.24000			0.0	0.0	0.0
53.00000		25.00000		68.24000			0.0	0.0	0.0
54.00000		25.00000		68.24000			0.0	0.0	0.0
55.00000		25.00000		68.24000			0.0	0.0	0.0
56.00000		25.00000		68.24000			0.0	0.0	0.0
57.00000		25.00000		68.24000			0.0	0.0	0.0
58.00000		25.00000		68.24000			0.0	0.0	0.0
59.00000		25.00000		68.24000			0.0	0.0	0.0
60.00000		25.00000		68.24000			0.0	0.0	0.0
61.00000		25.00000		68.24000			0.0	0.0	0.0
62.00000		25.00000		68.24000			0.0	0.0	0.0
63.00000		25.00000		68.24000			0.0	0.0	0.0
64.00000		25.00000		68.24000			0.0	0.0	0.0
65.00000		25.00000		68.24000			0.0	0.0	0.0
66.00000		25.00000		68.24000			0.0	0.0	0.0
67.00000		25.00000		68.24000			0.0	0.0	0.0
68.00000		25.00000		68.24000			0.0	0.0	0.0
69.00000		25.00000		68.24000			0.0	0.0	0.0
70.00000		25.00000		68.24000			0.0	0.0	0.0
71.00000		25.00000		68.24000			0.0	0.0	0.0
72.00000		25.00000		68.24000			0.0	0.0	0.0
73.00000		25.00000		68.24000			0.0	0.0	0.0
74.00000		25.00000		68.24000			0.0	0.0	0.0
75.00000		25.00000		68.24000			0.0	0.0	0.0
76.00000		25.00000		68.24000			0.0	0.0	0.0
77.00000		25.00000		68.24000			0.0	0.0	0.0
78.00000		25.00000		68.24000			0.0	0.0	0.0
79.00000		25.00000		68.24000			0.0	0.0	0.0
80.00000		25.00000		68.24000			0.0	0.0	0.0
81.00000		25.00000		68.24000			0.0	0.0	0.0
82.00000		25.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				83.00000	25.00000	68.24000	0.0	0.0	0.0
				84.00000	25.00000	68.24000	0.0	0.0	0.0
				85.00000	25.00000	68.24000	0.0	0.0	0.0
				86.00000	25.00000	68.24000	0.0	0.0	0.0
				87.00000	25.00000	68.24000	0.0	0.0	0.0
				88.00000	25.00000	68.24000	0.0	0.0	0.0
				89.00000	25.00000	68.24000	0.0	0.0	0.0
				90.00000	25.00000	68.24000	0.0	0.0	0.0
				91.00000	25.00000	68.24000	0.0	0.0	0.0
				92.00000	25.00000	68.24000	0.0	0.0	0.0
				93.00000	25.00000	68.24000	0.0	0.0	0.0
				94.00000	25.00000	68.24000	0.0	0.0	0.0
				95.00000	25.00000	68.24000	0.0	0.0	0.0
				96.00000	25.00000	68.24000	0.0	0.0	0.0
				97.00000	25.00000	68.24000	0.0	0.0	0.0
				98.00000	25.00000	68.24000	0.0	0.0	0.0
				99.00000	25.00000	68.24000	0.0	0.0	0.0
				100.00000	25.00000	68.24000	0.0	0.0	0.0
				0.00000	26.00000	68.24000	0.0	0.0	0.0
				1.00000	26.00000	68.24000	0.0	0.0	0.0
				2.00000	26.00000	68.24000	0.0	0.0	0.0
				3.00000	26.00000	68.24000	0.0	0.0	0.0
				4.00000	26.00000	68.24000	0.0	0.0	0.0
				5.00000	26.00000	68.24000	0.0	0.0	0.0
				6.00000	26.00000	68.24000	0.0	0.0	0.0
				7.00000	26.00000	68.24000	0.0	0.0	0.0
				8.00000	26.00000	68.24000	0.0	0.0	0.0
				9.00000	26.00000	68.24000	0.0	0.0	0.0
				10.00000	26.00000	68.24000	0.0	0.0	0.0
				11.00000	26.00000	68.24000	0.0	0.0	0.0
				12.00000	26.00000	68.24000	0.0	0.0	0.0
				13.00000	26.00000	68.24000	0.0	0.0	0.0
				14.00000	26.00000	68.24000	0.0	0.0	0.0
				15.00000	26.00000	68.24000	0.0	0.0	0.0
				16.00000	26.00000	68.24000	0.0	0.0	0.0
				17.00000	26.00000	68.24000	0.0	0.0	0.0
				18.00000	26.00000	68.24000	0.0	0.0	0.0
				19.00000	26.00000	68.24000	0.0	0.0	0.0
				20.00000	26.00000	68.24000	0.0	0.0	0.0
				21.00000	26.00000	68.24000	0.0	0.0	0.0
				22.00000	26.00000	68.24000	0.0	0.0	0.0
				23.00000	26.00000	68.24000	0.0	0.0	0.0
				24.00000	26.00000	68.24000	0.0	0.0	0.0
				25.00000	26.00000	68.24000	0.0	0.0	0.0
				26.00000	26.00000	68.24000	0.0	0.0	0.0
				27.00000	26.00000	68.24000	0.0	0.0	0.0
				28.00000	26.00000	68.24000	0.0	0.0	0.0
				29.00000	26.00000	68.24000	0.0	0.0	0.0
				30.00000	26.00000	68.24000	0.0	0.0	0.0
				31.00000	26.00000	68.24000	0.0	0.0	0.0
				32.00000	26.00000	68.24000	0.0	0.0	0.0
				33.00000	26.00000	68.24000	0.0	0.0	0.0
				34.00000	26.00000	68.24000	0.0	0.0	0.0
				35.00000	26.00000	68.24000	0.0	0.0	0.0
				36.00000	26.00000	68.24000	0.0	0.0	0.0
				37.00000	26.00000	68.24000	0.0	0.0	0.0
				38.00000	26.00000	68.24000	0.0	0.0	0.0
				39.00000	26.00000	68.24000	0.0	0.0	0.0
				40.00000	26.00000	68.24000	0.0	0.0	0.0
				41.00000	26.00000	68.24000	0.0	0.0	0.0
				42.00000	26.00000	68.24000	0.0	0.0	0.0
				43.00000	26.00000	68.24000	0.0	0.0	0.0
				44.00000	26.00000	68.24000	0.0	0.0	0.0
				45.00000	26.00000	68.24000	0.0	0.0	0.0
				46.00000	26.00000	68.24000	0.0	0.0	0.0
				47.00000	26.00000	68.24000	0.0	0.0	0.0
				48.00000	26.00000	68.24000	0.0	0.0	0.0
				49.00000	26.00000	68.24000	0.0	0.0	0.0
				50.00000	26.00000	68.24000	0.0	0.0	0.0
				51.00000	26.00000	68.24000	0.0	0.0	0.0
				52.00000	26.00000	68.24000	0.0	0.0	0.0
				53.00000	26.00000	68.24000	0.0	0.0	0.0
				54.00000	26.00000	68.24000	0.0	0.0	0.0
				55.00000	26.00000	68.24000	0.0	0.0	0.0
				56.00000	26.00000	68.24000	0.0	0.0	0.0
				57.00000	26.00000	68.24000	0.0	0.0	0.0
				58.00000	26.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				59.00000	26.00000	68.24000	0.0	0.0	0.0
				60.00000	26.00000	68.24000	0.0	0.0	0.0
				61.00000	26.00000	68.24000	0.0	0.0	0.0
				62.00000	26.00000	68.24000	0.0	0.0	0.0
				63.00000	26.00000	68.24000	0.0	0.0	0.0
				64.00000	26.00000	68.24000	0.0	0.0	0.0
				65.00000	26.00000	68.24000	0.0	0.0	0.0
				66.00000	26.00000	68.24000	0.0	0.0	0.0
				67.00000	26.00000	68.24000	0.0	0.0	0.0
				68.00000	26.00000	68.24000	0.0	0.0	0.0
				69.00000	26.00000	68.24000	0.0	0.0	0.0
				70.00000	26.00000	68.24000	0.0	0.0	0.0
				71.00000	26.00000	68.24000	0.0	0.0	0.0
				72.00000	26.00000	68.24000	0.0	0.0	0.0
				73.00000	26.00000	68.24000	0.0	0.0	0.0
				74.00000	26.00000	68.24000	0.0	0.0	0.0
				75.00000	26.00000	68.24000	0.0	0.0	0.0
				76.00000	26.00000	68.24000	0.0	0.0	0.0
				77.00000	26.00000	68.24000	0.0	0.0	0.0
				78.00000	26.00000	68.24000	0.0	0.0	0.0
				79.00000	26.00000	68.24000	0.0	0.0	0.0
				80.00000	26.00000	68.24000	0.0	0.0	0.0
				81.00000	26.00000	68.24000	0.0	0.0	0.0
				82.00000	26.00000	68.24000	0.0	0.0	0.0
				83.00000	26.00000	68.24000	0.0	0.0	0.0
				84.00000	26.00000	68.24000	0.0	0.0	0.0
				85.00000	26.00000	68.24000	0.0	0.0	0.0
				86.00000	26.00000	68.24000	0.0	0.0	0.0
				87.00000	26.00000	68.24000	0.0	0.0	0.0
				88.00000	26.00000	68.24000	0.0	0.0	0.0
				89.00000	26.00000	68.24000	0.0	0.0	0.0
				90.00000	26.00000	68.24000	0.0	0.0	0.0
				91.00000	26.00000	68.24000	0.0	0.0	0.0
				92.00000	26.00000	68.24000	0.0	0.0	0.0
				93.00000	26.00000	68.24000	0.0	0.0	0.0
				94.00000	26.00000	68.24000	0.0	0.0	0.0
				95.00000	26.00000	68.24000	0.0	0.0	0.0
				96.00000	26.00000	68.24000	0.0	0.0	0.0
				97.00000	26.00000	68.24000	0.0	0.0	0.0
				98.00000	26.00000	68.24000	0.0	0.0	0.0
				99.00000	26.00000	68.24000	0.0	0.0	0.0
				100.00000	26.00000	68.24000	0.0	0.0	0.0
				0.00000	27.00000	68.24000	0.0	0.0	0.0
				1.00000	27.00000	68.24000	0.0	0.0	0.0
				2.00000	27.00000	68.24000	0.0	0.0	0.0
				3.00000	27.00000	68.24000	0.0	0.0	0.0
				4.00000	27.00000	68.24000	0.0	0.0	0.0
				5.00000	27.00000	68.24000	0.0	0.0	0.0
				6.00000	27.00000	68.24000	0.0	0.0	0.0
				7.00000	27.00000	68.24000	0.0	0.0	0.0
				8.00000	27.00000	68.24000	0.0	0.0	0.0
				9.00000	27.00000	68.24000	0.0	0.0	0.0
				10.00000	27.00000	68.24000	0.0	0.0	0.0
				11.00000	27.00000	68.24000	0.0	0.0	0.0
				12.00000	27.00000	68.24000	0.0	0.0	0.0
				13.00000	27.00000	68.24000	0.0	0.0	0.0
				14.00000	27.00000	68.24000	0.0	0.0	0.0
				15.00000	27.00000	68.24000	0.0	0.0	0.0
				16.00000	27.00000	68.24000	0.0	0.0	0.0
				17.00000	27.00000	68.24000	0.0	0.0	0.0
				18.00000	27.00000	68.24000	0.0	0.0	0.0
				19.00000	27.00000	68.24000	0.0	0.0	0.0
				20.00000	27.00000	68.24000	0.0	0.0	0.0
				21.00000	27.00000	68.24000	0.0	0.0	0.0
				22.00000	27.00000	68.24000	0.0	0.0	0.0
				23.00000	27.00000	68.24000	0.0	0.0	0.0
				24.00000	27.00000	68.24000	0.0	0.0	0.0
				25.00000	27.00000	68.24000	0.0	0.0	0.0
				26.00000	27.00000	68.24000	0.0	0.0	0.0
				27.00000	27.00000	68.24000	0.0	0.0	0.0
				28.00000	27.00000	68.24000	0.0	0.0	0.0
				29.00000	27.00000	68.24000	0.0	0.0	0.0
				30.00000	27.00000	68.24000	0.0	0.0	0.0
				31.00000	27.00000	68.24000	0.0	0.0	0.0
				32.00000	27.00000	68.24000	0.0	0.0	0.0
				33.00000	27.00000	68.24000	0.0	0.0	0.0
				34.00000	27.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				35.00000	27.00000	68.24000	0.0	0.0	0.0
				36.00000	27.00000	68.24000	0.0	0.0	0.0
				37.00000	27.00000	68.24000	0.0	0.0	0.0
				38.00000	27.00000	68.24000	0.0	0.0	0.0
				39.00000	27.00000	68.24000	0.0	0.0	0.0
				40.00000	27.00000	68.24000	0.0	0.0	0.0
				41.00000	27.00000	68.24000	0.0	0.0	0.0
				42.00000	27.00000	68.24000	0.0	0.0	0.0
				43.00000	27.00000	68.24000	0.0	0.0	0.0
				44.00000	27.00000	68.24000	0.0	0.0	0.0
				45.00000	27.00000	68.24000	0.0	0.0	0.0
				46.00000	27.00000	68.24000	0.0	0.0	0.0
				47.00000	27.00000	68.24000	0.0	0.0	0.0
				48.00000	27.00000	68.24000	0.0	0.0	0.0
				49.00000	27.00000	68.24000	0.0	0.0	0.0
				50.00000	27.00000	68.24000	0.0	0.0	0.0
				51.00000	27.00000	68.24000	0.0	0.0	0.0
				52.00000	27.00000	68.24000	0.0	0.0	0.0
				53.00000	27.00000	68.24000	0.0	0.0	0.0
				54.00000	27.00000	68.24000	0.0	0.0	0.0
				55.00000	27.00000	68.24000	0.0	0.0	0.0
				56.00000	27.00000	68.24000	0.0	0.0	0.0
				57.00000	27.00000	68.24000	0.0	0.0	0.0
				58.00000	27.00000	68.24000	0.0	0.0	0.0
				59.00000	27.00000	68.24000	0.0	0.0	0.0
				60.00000	27.00000	68.24000	0.0	0.0	0.0
				61.00000	27.00000	68.24000	0.0	0.0	0.0
				62.00000	27.00000	68.24000	0.0	0.0	0.0
				63.00000	27.00000	68.24000	0.0	0.0	0.0
				64.00000	27.00000	68.24000	0.0	0.0	0.0
				65.00000	27.00000	68.24000	0.0	0.0	0.0
				66.00000	27.00000	68.24000	0.0	0.0	0.0
				67.00000	27.00000	68.24000	0.0	0.0	0.0
				68.00000	27.00000	68.24000	0.0	0.0	0.0
				69.00000	27.00000	68.24000	0.0	0.0	0.0
				70.00000	27.00000	68.24000	0.0	0.0	0.0
				71.00000	27.00000	68.24000	0.0	0.0	0.0
				72.00000	27.00000	68.24000	0.0	0.0	0.0
				73.00000	27.00000	68.24000	0.0	0.0	0.0
				74.00000	27.00000	68.24000	0.0	0.0	0.0
				75.00000	27.00000	68.24000	0.0	0.0	0.0
				76.00000	27.00000	68.24000	0.0	0.0	0.0
				77.00000	27.00000	68.24000	0.0	0.0	0.0
				78.00000	27.00000	68.24000	0.0	0.0	0.0
				79.00000	27.00000	68.24000	0.0	0.0	0.0
				80.00000	27.00000	68.24000	0.0	0.0	0.0
				81.00000	27.00000	68.24000	0.0	0.0	0.0
				82.00000	27.00000	68.24000	0.0	0.0	0.0
				83.00000	27.00000	68.24000	0.0	0.0	0.0
				84.00000	27.00000	68.24000	0.0	0.0	0.0
				85.00000	27.00000	68.24000	0.0	0.0	0.0
				86.00000	27.00000	68.24000	0.0	0.0	0.0
				87.00000	27.00000	68.24000	0.0	0.0	0.0
				88.00000	27.00000	68.24000	0.0	0.0	0.0
				89.00000	27.00000	68.24000	0.0	0.0	0.0
				90.00000	27.00000	68.24000	0.0	0.0	0.0
				91.00000	27.00000	68.24000	0.0	0.0	0.0
				92.00000	27.00000	68.24000	0.0	0.0	0.0
				93.00000	27.00000	68.24000	0.0	0.0	0.0
				94.00000	27.00000	68.24000	0.0	0.0	0.0
				95.00000	27.00000	68.24000	0.0	0.0	0.0
				96.00000	27.00000	68.24000	0.0	0.0	0.0
				97.00000	27.00000	68.24000	0.0	0.0	0.0
				98.00000	27.00000	68.24000	0.0	0.0	0.0
				99.00000	27.00000	68.24000	0.0	0.0	0.0
				100.00000	27.00000	68.24000	0.0	0.0	0.0
				0.00000	28.00000	68.24000	0.0	0.0	0.0
				1.00000	28.00000	68.24000	0.0	0.0	0.0
				2.00000	28.00000	68.24000	0.0	0.0	0.0
				3.00000	28.00000	68.24000	0.0	0.0	0.0
				4.00000	28.00000	68.24000	0.0	0.0	0.0
				5.00000	28.00000	68.24000	0.0	0.0	0.0
				6.00000	28.00000	68.24000	0.0	0.0	0.0
				7.00000	28.00000	68.24000	0.0	0.0	0.0
				8.00000	28.00000	68.24000	0.0	0.0	0.0
				9.00000	28.00000	68.24000	0.0	0.0	0.0
				10.00000	28.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
11.00000	28.00000	68.24000		11.00000	28.00000	68.24000	0.0	0.0	0.0
12.00000	28.00000	68.24000		12.00000	28.00000	68.24000	0.0	0.0	0.0
13.00000	28.00000	68.24000		13.00000	28.00000	68.24000	0.0	0.0	0.0
14.00000	28.00000	68.24000		14.00000	28.00000	68.24000	0.0	0.0	0.0
15.00000	28.00000	68.24000		15.00000	28.00000	68.24000	0.0	0.0	0.0
16.00000	28.00000	68.24000		16.00000	28.00000	68.24000	0.0	0.0	0.0
17.00000	28.00000	68.24000		17.00000	28.00000	68.24000	0.0	0.0	0.0
18.00000	28.00000	68.24000		18.00000	28.00000	68.24000	0.0	0.0	0.0
19.00000	28.00000	68.24000		19.00000	28.00000	68.24000	0.0	0.0	0.0
20.00000	28.00000	68.24000		20.00000	28.00000	68.24000	0.0	0.0	0.0
21.00000	28.00000	68.24000		21.00000	28.00000	68.24000	0.0	0.0	0.0
22.00000	28.00000	68.24000		22.00000	28.00000	68.24000	0.0	0.0	0.0
23.00000	28.00000	68.24000		23.00000	28.00000	68.24000	0.0	0.0	0.0
24.00000	28.00000	68.24000		24.00000	28.00000	68.24000	0.0	0.0	0.0
25.00000	28.00000	68.24000		25.00000	28.00000	68.24000	0.0	0.0	0.0
26.00000	28.00000	68.24000		26.00000	28.00000	68.24000	0.0	0.0	0.0
27.00000	28.00000	68.24000		27.00000	28.00000	68.24000	0.0	0.0	0.0
28.00000	28.00000	68.24000		28.00000	28.00000	68.24000	0.0	0.0	0.0
29.00000	28.00000	68.24000		29.00000	28.00000	68.24000	0.0	0.0	0.0
30.00000	28.00000	68.24000		30.00000	28.00000	68.24000	0.0	0.0	0.0
31.00000	28.00000	68.24000		31.00000	28.00000	68.24000	0.0	0.0	0.0
32.00000	28.00000	68.24000		32.00000	28.00000	68.24000	0.0	0.0	0.0
33.00000	28.00000	68.24000		33.00000	28.00000	68.24000	0.0	0.0	0.0
34.00000	28.00000	68.24000		34.00000	28.00000	68.24000	0.0	0.0	0.0
35.00000	28.00000	68.24000		35.00000	28.00000	68.24000	0.0	0.0	0.0
36.00000	28.00000	68.24000		36.00000	28.00000	68.24000	0.0	0.0	0.0
37.00000	28.00000	68.24000		37.00000	28.00000	68.24000	0.0	0.0	0.0
38.00000	28.00000	68.24000		38.00000	28.00000	68.24000	0.0	0.0	0.0
39.00000	28.00000	68.24000		39.00000	28.00000	68.24000	0.0	0.0	0.0
40.00000	28.00000	68.24000		40.00000	28.00000	68.24000	0.0	0.0	0.0
41.00000	28.00000	68.24000		41.00000	28.00000	68.24000	0.0	0.0	0.0
42.00000	28.00000	68.24000		42.00000	28.00000	68.24000	0.0	0.0	0.0
43.00000	28.00000	68.24000		43.00000	28.00000	68.24000	0.0	0.0	0.0
44.00000	28.00000	68.24000		44.00000	28.00000	68.24000	0.0	0.0	0.0
45.00000	28.00000	68.24000		45.00000	28.00000	68.24000	0.0	0.0	0.0
46.00000	28.00000	68.24000		46.00000	28.00000	68.24000	0.0	0.0	0.0
47.00000	28.00000	68.24000		47.00000	28.00000	68.24000	0.0	0.0	0.0
48.00000	28.00000	68.24000		48.00000	28.00000	68.24000	0.0	0.0	0.0
49.00000	28.00000	68.24000		49.00000	28.00000	68.24000	0.0	0.0	0.0
50.00000	28.00000	68.24000		50.00000	28.00000	68.24000	0.0	0.0	0.0
51.00000	28.00000	68.24000		51.00000	28.00000	68.24000	0.0	0.0	0.0
52.00000	28.00000	68.24000		52.00000	28.00000	68.24000	0.0	0.0	0.0
53.00000	28.00000	68.24000		53.00000	28.00000	68.24000	0.0	0.0	0.0
54.00000	28.00000	68.24000		54.00000	28.00000	68.24000	0.0	0.0	0.0
55.00000	28.00000	68.24000		55.00000	28.00000	68.24000	0.0	0.0	0.0
56.00000	28.00000	68.24000		56.00000	28.00000	68.24000	0.0	0.0	0.0
57.00000	28.00000	68.24000		57.00000	28.00000	68.24000	0.0	0.0	0.0
58.00000	28.00000	68.24000		58.00000	28.00000	68.24000	0.0	0.0	0.0
59.00000	28.00000	68.24000		59.00000	28.00000	68.24000	0.0	0.0	0.0
60.00000	28.00000	68.24000		60.00000	28.00000	68.24000	0.0	0.0	0.0
61.00000	28.00000	68.24000		61.00000	28.00000	68.24000	0.0	0.0	0.0
62.00000	28.00000	68.24000		62.00000	28.00000	68.24000	0.0	0.0	0.0
63.00000	28.00000	68.24000		63.00000	28.00000	68.24000	0.0	0.0	0.0
64.00000	28.00000	68.24000		64.00000	28.00000	68.24000	0.0	0.0	0.0
65.00000	28.00000	68.24000		65.00000	28.00000	68.24000	0.0	0.0	0.0
66.00000	28.00000	68.24000		66.00000	28.00000	68.24000	0.0	0.0	0.0
67.00000	28.00000	68.24000		67.00000	28.00000	68.24000	0.0	0.0	0.0
68.00000	28.00000	68.24000		68.00000	28.00000	68.24000	0.0	0.0	0.0
69.00000	28.00000	68.24000		69.00000	28.00000	68.24000	0.0	0.0	0.0
70.00000	28.00000	68.24000		70.00000	28.00000	68.24000	0.0	0.0	0.0
71.00000	28.00000	68.24000		71.00000	28.00000	68.24000	0.0	0.0	0.0
72.00000	28.00000	68.24000		72.00000	28.00000	68.24000	0.0	0.0	0.0
73.00000	28.00000	68.24000		73.00000	28.00000	68.24000	0.0	0.0	0.0
74.00000	28.00000	68.24000		74.00000	28.00000	68.24000	0.0	0.0	0.0
75.00000	28.00000	68.24000		75.00000	28.00000	68.24000	0.0	0.0	0.0
76.00000	28.00000	68.24000		76.00000	28.00000	68.24000	0.0	0.0	0.0
77.00000	28.00000	68.24000		77.00000	28.00000	68.24000	0.0	0.0	0.0
78.00000	28.00000	68.24000		78.00000	28.00000	68.24000	0.0	0.0	0.0
79.00000	28.00000	68.24000		79.00000	28.00000	68.24000	0.0	0.0	0.0
80.00000	28.00000	68.24000		80.00000	28.00000	68.24000	0.0	0.0	0.0
81.00000	28.00000	68.24000		81.00000	28.00000	68.24000	0.0	0.0	0.0
82.00000	28.00000	68.24000		82.00000	28.00000	68.24000	0.0	0.0	0.0
83.00000	28.00000	68.24000		83.00000	28.00000	68.24000	0.0	0.0	0.0
84.00000	28.00000	68.24000		84.00000	28.00000	68.24000	0.0	0.0	0.0
85.00000	28.00000	68.24000		85.00000	28.00000	68.24000	0.0	0.0	0.0
86.00000	28.00000	68.24000		86.00000	28.00000	68.24000	0.0	0.0	0.0
87.00000	28.00000	68.24000		87.00000	28.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				88.00000	28.00000	68.24000	0.0	0.0	0.0
				89.00000	28.00000	68.24000	0.0	0.0	0.0
				90.00000	28.00000	68.24000	0.0	0.0	0.0
				91.00000	28.00000	68.24000	0.0	0.0	0.0
				92.00000	28.00000	68.24000	0.0	0.0	0.0
				93.00000	28.00000	68.24000	0.0	0.0	0.0
				94.00000	28.00000	68.24000	0.0	0.0	0.0
				95.00000	28.00000	68.24000	0.0	0.0	0.0
				96.00000	28.00000	68.24000	0.0	0.0	0.0
				97.00000	28.00000	68.24000	0.0	0.0	0.0
				98.00000	28.00000	68.24000	0.0	0.0	0.0
				99.00000	28.00000	68.24000	0.0	0.0	0.0
				100.00000	28.00000	68.24000	0.0	0.0	0.0
				0.00000	29.00000	68.24000	0.0	0.0	0.0
				1.00000	29.00000	68.24000	0.0	0.0	0.0
				2.00000	29.00000	68.24000	0.0	0.0	0.0
				3.00000	29.00000	68.24000	0.0	0.0	0.0
				4.00000	29.00000	68.24000	0.0	0.0	0.0
				5.00000	29.00000	68.24000	0.0	0.0	0.0
				6.00000	29.00000	68.24000	0.0	0.0	0.0
				7.00000	29.00000	68.24000	0.0	0.0	0.0
				8.00000	29.00000	68.24000	0.0	0.0	0.0
				9.00000	29.00000	68.24000	0.0	0.0	0.0
				10.00000	29.00000	68.24000	0.0	0.0	0.0
				11.00000	29.00000	68.24000	0.0	0.0	0.0
				12.00000	29.00000	68.24000	0.0	0.0	0.0
				13.00000	29.00000	68.24000	0.0	0.0	0.0
				14.00000	29.00000	68.24000	0.0	0.0	0.0
				15.00000	29.00000	68.24000	0.0	0.0	0.0
				16.00000	29.00000	68.24000	0.0	0.0	0.0
				17.00000	29.00000	68.24000	0.0	0.0	0.0
				18.00000	29.00000	68.24000	0.0	0.0	0.0
				19.00000	29.00000	68.24000	0.0	0.0	0.0
				20.00000	29.00000	68.24000	0.0	0.0	0.0
				21.00000	29.00000	68.24000	0.0	0.0	0.0
				22.00000	29.00000	68.24000	0.0	0.0	0.0
				23.00000	29.00000	68.24000	0.0	0.0	0.0
				24.00000	29.00000	68.24000	0.0	0.0	0.0
				25.00000	29.00000	68.24000	0.0	0.0	0.0
				26.00000	29.00000	68.24000	0.0	0.0	0.0
				27.00000	29.00000	68.24000	0.0	0.0	0.0
				28.00000	29.00000	68.24000	0.0	0.0	0.0
				29.00000	29.00000	68.24000	0.0	0.0	0.0
				30.00000	29.00000	68.24000	0.0	0.0	0.0
				31.00000	29.00000	68.24000	0.0	0.0	0.0
				32.00000	29.00000	68.24000	0.0	0.0	0.0
				33.00000	29.00000	68.24000	0.0	0.0	0.0
				34.00000	29.00000	68.24000	0.0	0.0	0.0
				35.00000	29.00000	68.24000	0.0	0.0	0.0
				36.00000	29.00000	68.24000	0.0	0.0	0.0
				37.00000	29.00000	68.24000	0.0	0.0	0.0
				38.00000	29.00000	68.24000	0.0	0.0	0.0
				39.00000	29.00000	68.24000	0.0	0.0	0.0
				40.00000	29.00000	68.24000	0.0	0.0	0.0
				41.00000	29.00000	68.24000	0.0	0.0	0.0
				42.00000	29.00000	68.24000	0.0	0.0	0.0
				43.00000	29.00000	68.24000	0.0	0.0	0.0
				44.00000	29.00000	68.24000	0.0	0.0	0.0
				45.00000	29.00000	68.24000	0.0	0.0	0.0
				46.00000	29.00000	68.24000	0.0	0.0	0.0
				47.00000	29.00000	68.24000	0.0	0.0	0.0
				48.00000	29.00000	68.24000	0.0	0.0	0.0
				49.00000	29.00000	68.24000	0.0	0.0	0.0
				50.00000	29.00000	68.24000	0.0	0.0	0.0
				51.00000	29.00000	68.24000	0.0	0.0	0.0
				52.00000	29.00000	68.24000	0.0	0.0	0.0
				53.00000	29.00000	68.24000	0.0	0.0	0.0
				54.00000	29.00000	68.24000	0.0	0.0	0.0
				55.00000	29.00000	68.24000	0.0	0.0	0.0
				56.00000	29.00000	68.24000	0.0	0.0	0.0
				57.00000	29.00000	68.24000	0.0	0.0	0.0
				58.00000	29.00000	68.24000	0.0	0.0	0.0
				59.00000	29.00000	68.24000	0.0	0.0	0.0
				60.00000	29.00000	68.24000	0.0	0.0	0.0
				61.00000	29.00000	68.24000	0.0	0.0	0.0
				62.00000	29.00000	68.24000	0.0	0.0	0.0
				63.00000	29.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				64.00000	29.00000	68.24000	0.0	0.0	0.0
				65.00000	29.00000	68.24000	0.0	0.0	0.0
				66.00000	29.00000	68.24000	0.0	0.0	0.0
				67.00000	29.00000	68.24000	0.0	0.0	0.0
				68.00000	29.00000	68.24000	0.0	0.0	0.0
				69.00000	29.00000	68.24000	0.0	0.0	0.0
				70.00000	29.00000	68.24000	0.0	0.0	0.0
				71.00000	29.00000	68.24000	0.0	0.0	0.0
				72.00000	29.00000	68.24000	0.0	0.0	0.0
				73.00000	29.00000	68.24000	0.0	0.0	0.0
				74.00000	29.00000	68.24000	0.0	0.0	0.0
				75.00000	29.00000	68.24000	0.0	0.0	0.0
				76.00000	29.00000	68.24000	0.0	0.0	0.0
				77.00000	29.00000	68.24000	0.0	0.0	0.0
				78.00000	29.00000	68.24000	0.0	0.0	0.0
				79.00000	29.00000	68.24000	0.0	0.0	0.0
				80.00000	29.00000	68.24000	0.0	0.0	0.0
				81.00000	29.00000	68.24000	0.0	0.0	0.0
				82.00000	29.00000	68.24000	0.0	0.0	0.0
				83.00000	29.00000	68.24000	0.0	0.0	0.0
				84.00000	29.00000	68.24000	0.0	0.0	0.0
				85.00000	29.00000	68.24000	0.0	0.0	0.0
				86.00000	29.00000	68.24000	0.0	0.0	0.0
				87.00000	29.00000	68.24000	0.0	0.0	0.0
				88.00000	29.00000	68.24000	0.0	0.0	0.0
				89.00000	29.00000	68.24000	0.0	0.0	0.0
				90.00000	29.00000	68.24000	0.0	0.0	0.0
				91.00000	29.00000	68.24000	0.0	0.0	0.0
				92.00000	29.00000	68.24000	0.0	0.0	0.0
				93.00000	29.00000	68.24000	0.0	0.0	0.0
				94.00000	29.00000	68.24000	0.0	0.0	0.0
				95.00000	29.00000	68.24000	0.0	0.0	0.0
				96.00000	29.00000	68.24000	0.0	0.0	0.0
				97.00000	29.00000	68.24000	0.0	0.0	0.0
				98.00000	29.00000	68.24000	0.0	0.0	0.0
				99.00000	29.00000	68.24000	0.0	0.0	0.0
				100.00000	29.00000	68.24000	0.0	0.0	0.0
				0.00000	30.00000	68.24000	0.0	0.0	0.0
				1.00000	30.00000	68.24000	0.0	0.0	0.0
				2.00000	30.00000	68.24000	0.0	0.0	0.0
				3.00000	30.00000	68.24000	0.0	0.0	0.0
				4.00000	30.00000	68.24000	0.0	0.0	0.0
				5.00000	30.00000	68.24000	0.0	0.0	0.0
				6.00000	30.00000	68.24000	0.0	0.0	0.0
				7.00000	30.00000	68.24000	0.0	0.0	0.0
				8.00000	30.00000	68.24000	0.0	0.0	0.0
				9.00000	30.00000	68.24000	0.0	0.0	0.0
				10.00000	30.00000	68.24000	0.0	0.0	0.0
				11.00000	30.00000	68.24000	0.0	0.0	0.0
				12.00000	30.00000	68.24000	0.0	0.0	0.0
				13.00000	30.00000	68.24000	0.0	0.0	0.0
				14.00000	30.00000	68.24000	0.0	0.0	0.0
				15.00000	30.00000	68.24000	0.0	0.0	0.0
				16.00000	30.00000	68.24000	0.0	0.0	0.0
				17.00000	30.00000	68.24000	0.0	0.0	0.0
				18.00000	30.00000	68.24000	0.0	0.0	0.0
				19.00000	30.00000	68.24000	0.0	0.0	0.0
				20.00000	30.00000	68.24000	0.0	0.0	0.0
				21.00000	30.00000	68.24000	0.0	0.0	0.0
				22.00000	30.00000	68.24000	0.0	0.0	0.0
				23.00000	30.00000	68.24000	0.0	0.0	0.0
				24.00000	30.00000	68.24000	0.0	0.0	0.0
				25.00000	30.00000	68.24000	0.0	0.0	0.0
				26.00000	30.00000	68.24000	0.0	0.0	0.0
				27.00000	30.00000	68.24000	0.0	0.0	0.0
				28.00000	30.00000	68.24000	0.0	0.0	0.0
				29.00000	30.00000	68.24000	0.0	0.0	0.0
				30.00000	30.00000	68.24000	0.0	0.0	0.0
				31.00000	30.00000	68.24000	0.0	0.0	0.0
				32.00000	30.00000	68.24000	0.0	0.0	0.0
				33.00000	30.00000	68.24000	0.0	0.0	0.0
				34.00000	30.00000	68.24000	0.0	0.0	0.0
				35.00000	30.00000	68.24000	0.0	0.0	0.0
				36.00000	30.00000	68.24000	0.0	0.0	0.0
				37.00000	30.00000	68.24000	0.0	0.0	0.0
				38.00000	30.00000	68.24000	0.0	0.0	0.0
				39.00000	30.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
40.00000	30.00000	68.24000		40.00000	30.00000	68.24000	0.0	0.0	0.0
41.00000	30.00000	68.24000		41.00000	30.00000	68.24000	0.0	0.0	0.0
42.00000	30.00000	68.24000		42.00000	30.00000	68.24000	0.0	0.0	0.0
43.00000	30.00000	68.24000		43.00000	30.00000	68.24000	0.0	0.0	0.0
44.00000	30.00000	68.24000		44.00000	30.00000	68.24000	0.0	0.0	0.0
45.00000	30.00000	68.24000		45.00000	30.00000	68.24000	0.0	0.0	0.0
46.00000	30.00000	68.24000		46.00000	30.00000	68.24000	0.0	0.0	0.0
47.00000	30.00000	68.24000		47.00000	30.00000	68.24000	0.0	0.0	0.0
48.00000	30.00000	68.24000		48.00000	30.00000	68.24000	0.0	0.0	0.0
49.00000	30.00000	68.24000		49.00000	30.00000	68.24000	0.0	0.0	0.0
50.00000	30.00000	68.24000		50.00000	30.00000	68.24000	0.0	0.0	0.0
51.00000	30.00000	68.24000		51.00000	30.00000	68.24000	0.0	0.0	0.0
52.00000	30.00000	68.24000		52.00000	30.00000	68.24000	0.0	0.0	0.0
53.00000	30.00000	68.24000		53.00000	30.00000	68.24000	0.0	0.0	0.0
54.00000	30.00000	68.24000		54.00000	30.00000	68.24000	0.0	0.0	0.0
55.00000	30.00000	68.24000		55.00000	30.00000	68.24000	0.0	0.0	0.0
56.00000	30.00000	68.24000		56.00000	30.00000	68.24000	0.0	0.0	0.0
57.00000	30.00000	68.24000		57.00000	30.00000	68.24000	0.0	0.0	0.0
58.00000	30.00000	68.24000		58.00000	30.00000	68.24000	0.0	0.0	0.0
59.00000	30.00000	68.24000		59.00000	30.00000	68.24000	0.0	0.0	0.0
60.00000	30.00000	68.24000		60.00000	30.00000	68.24000	0.0	0.0	0.0
61.00000	30.00000	68.24000		61.00000	30.00000	68.24000	0.0	0.0	0.0
62.00000	30.00000	68.24000		62.00000	30.00000	68.24000	0.0	0.0	0.0
63.00000	30.00000	68.24000		63.00000	30.00000	68.24000	0.0	0.0	0.0
64.00000	30.00000	68.24000		64.00000	30.00000	68.24000	0.0	0.0	0.0
65.00000	30.00000	68.24000		65.00000	30.00000	68.24000	0.0	0.0	0.0
66.00000	30.00000	68.24000		66.00000	30.00000	68.24000	0.0	0.0	0.0
67.00000	30.00000	68.24000		67.00000	30.00000	68.24000	0.0	0.0	0.0
68.00000	30.00000	68.24000		68.00000	30.00000	68.24000	0.0	0.0	0.0
69.00000	30.00000	68.24000		69.00000	30.00000	68.24000	0.0	0.0	0.0
70.00000	30.00000	68.24000		70.00000	30.00000	68.24000	0.0	0.0	0.0
71.00000	30.00000	68.24000		71.00000	30.00000	68.24000	0.0	0.0	0.0
72.00000	30.00000	68.24000		72.00000	30.00000	68.24000	0.0	0.0	0.0
73.00000	30.00000	68.24000		73.00000	30.00000	68.24000	0.0	0.0	0.0
74.00000	30.00000	68.24000		74.00000	30.00000	68.24000	0.0	0.0	0.0
75.00000	30.00000	68.24000		75.00000	30.00000	68.24000	0.0	0.0	0.0
76.00000	30.00000	68.24000		76.00000	30.00000	68.24000	0.0	0.0	0.0
77.00000	30.00000	68.24000		77.00000	30.00000	68.24000	0.0	0.0	0.0
78.00000	30.00000	68.24000		78.00000	30.00000	68.24000	0.0	0.0	0.0
79.00000	30.00000	68.24000		79.00000	30.00000	68.24000	0.0	0.0	0.0
80.00000	30.00000	68.24000		80.00000	30.00000	68.24000	0.0	0.0	0.0
81.00000	30.00000	68.24000		81.00000	30.00000	68.24000	0.0	0.0	0.0
82.00000	30.00000	68.24000		82.00000	30.00000	68.24000	0.0	0.0	0.0
83.00000	30.00000	68.24000		83.00000	30.00000	68.24000	0.0	0.0	0.0
84.00000	30.00000	68.24000		84.00000	30.00000	68.24000	0.0	0.0	0.0
85.00000	30.00000	68.24000		85.00000	30.00000	68.24000	0.0	0.0	0.0
86.00000	30.00000	68.24000		86.00000	30.00000	68.24000	0.0	0.0	0.0
87.00000	30.00000	68.24000		87.00000	30.00000	68.24000	0.0	0.0	0.0
88.00000	30.00000	68.24000		88.00000	30.00000	68.24000	0.0	0.0	0.0
89.00000	30.00000	68.24000		89.00000	30.00000	68.24000	0.0	0.0	0.0
90.00000	30.00000	68.24000		90.00000	30.00000	68.24000	0.0	0.0	0.0
91.00000	30.00000	68.24000		91.00000	30.00000	68.24000	0.0	0.0	0.0
92.00000	30.00000	68.24000		92.00000	30.00000	68.24000	0.0	0.0	0.0
93.00000	30.00000	68.24000		93.00000	30.00000	68.24000	0.0	0.0	0.0
94.00000	30.00000	68.24000		94.00000	30.00000	68.24000	0.0	0.0	0.0
95.00000	30.00000	68.24000		95.00000	30.00000	68.24000	0.0	0.0	0.0
96.00000	30.00000	68.24000		96.00000	30.00000	68.24000	0.0	0.0	0.0
97.00000	30.00000	68.24000		97.00000	30.00000	68.24000	0.0	0.0	0.0
98.00000	30.00000	68.24000		98.00000	30.00000	68.24000	0.0	0.0	0.0
99.00000	30.00000	68.24000		99.00000	30.00000	68.24000	0.0	0.0	0.0
100.00000	30.00000	68.24000		100.00000	30.00000	68.24000	0.0	0.0	0.0
0.00000	31.00000	68.24000		0.00000	31.00000	68.24000	0.0	0.0	0.0
1.00000	31.00000	68.24000		1.00000	31.00000	68.24000	0.0	0.0	0.0
2.00000	31.00000	68.24000		2.00000	31.00000	68.24000	0.0	0.0	0.0
3.00000	31.00000	68.24000		3.00000	31.00000	68.24000	0.0	0.0	0.0
4.00000	31.00000	68.24000		4.00000	31.00000	68.24000	0.0	0.0	0.0
5.00000	31.00000	68.24000		5.00000	31.00000	68.24000	0.0	0.0	0.0
6.00000	31.00000	68.24000		6.00000	31.00000	68.24000	0.0	0.0	0.0
7.00000	31.00000	68.24000		7.00000	31.00000	68.24000	0.0	0.0	0.0
8.00000	31.00000	68.24000		8.00000	31.00000	68.24000	0.0	0.0	0.0
9.00000	31.00000	68.24000		9.00000	31.00000	68.24000	0.0	0.0	0.0
10.00000	31.00000	68.24000		10.00000	31.00000	68.24000	0.0	0.0	0.0
11.00000	31.00000	68.24000		11.00000	31.00000	68.24000	0.0	0.0	0.0
12.00000	31.00000	68.24000		12.00000	31.00000	68.24000	0.0	0.0	0.0
13.00000	31.00000	68.24000		13.00000	31.00000	68.24000	0.0	0.0	0.0
14.00000	31.00000	68.24000		14.00000	31.00000	68.24000	0.0	0.0	0.0
15.00000	31.00000	68.24000		15.00000	31.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
16.00000	31.00000	68.24000		16.00000	31.00000	68.24000	0.0	0.0	0.0
17.00000	31.00000	68.24000		17.00000	31.00000	68.24000	0.0	0.0	0.0
18.00000	31.00000	68.24000		18.00000	31.00000	68.24000	0.0	0.0	0.0
19.00000	31.00000	68.24000		19.00000	31.00000	68.24000	0.0	0.0	0.0
20.00000	31.00000	68.24000		20.00000	31.00000	68.24000	0.0	0.0	0.0
21.00000	31.00000	68.24000		21.00000	31.00000	68.24000	0.0	0.0	0.0
22.00000	31.00000	68.24000		22.00000	31.00000	68.24000	0.0	0.0	0.0
23.00000	31.00000	68.24000		23.00000	31.00000	68.24000	0.0	0.0	0.0
24.00000	31.00000	68.24000		24.00000	31.00000	68.24000	0.0	0.0	0.0
25.00000	31.00000	68.24000		25.00000	31.00000	68.24000	0.0	0.0	0.0
26.00000	31.00000	68.24000		26.00000	31.00000	68.24000	0.0	0.0	0.0
27.00000	31.00000	68.24000		27.00000	31.00000	68.24000	0.0	0.0	0.0
28.00000	31.00000	68.24000		28.00000	31.00000	68.24000	0.0	0.0	0.0
29.00000	31.00000	68.24000		29.00000	31.00000	68.24000	0.0	0.0	0.0
30.00000	31.00000	68.24000		30.00000	31.00000	68.24000	0.0	0.0	0.0
31.00000	31.00000	68.24000		31.00000	31.00000	68.24000	0.0	0.0	0.0
32.00000	31.00000	68.24000		32.00000	31.00000	68.24000	0.0	0.0	0.0
33.00000	31.00000	68.24000		33.00000	31.00000	68.24000	0.0	0.0	0.0
34.00000	31.00000	68.24000		34.00000	31.00000	68.24000	0.0	0.0	0.0
35.00000	31.00000	68.24000		35.00000	31.00000	68.24000	0.0	0.0	0.0
36.00000	31.00000	68.24000		36.00000	31.00000	68.24000	0.0	0.0	0.0
37.00000	31.00000	68.24000		37.00000	31.00000	68.24000	0.0	0.0	0.0
38.00000	31.00000	68.24000		38.00000	31.00000	68.24000	0.0	0.0	0.0
39.00000	31.00000	68.24000		39.00000	31.00000	68.24000	0.0	0.0	0.0
40.00000	31.00000	68.24000		40.00000	31.00000	68.24000	0.0	0.0	0.0
41.00000	31.00000	68.24000		41.00000	31.00000	68.24000	0.0	0.0	0.0
42.00000	31.00000	68.24000		42.00000	31.00000	68.24000	0.0	0.0	0.0
43.00000	31.00000	68.24000		43.00000	31.00000	68.24000	0.0	0.0	0.0
44.00000	31.00000	68.24000		44.00000	31.00000	68.24000	0.0	0.0	0.0
45.00000	31.00000	68.24000		45.00000	31.00000	68.24000	0.0	0.0	0.0
46.00000	31.00000	68.24000		46.00000	31.00000	68.24000	0.0	0.0	0.0
47.00000	31.00000	68.24000		47.00000	31.00000	68.24000	0.0	0.0	0.0
48.00000	31.00000	68.24000		48.00000	31.00000	68.24000	0.0	0.0	0.0
49.00000	31.00000	68.24000		49.00000	31.00000	68.24000	0.0	0.0	0.0
50.00000	31.00000	68.24000		50.00000	31.00000	68.24000	0.0	0.0	0.0
51.00000	31.00000	68.24000		51.00000	31.00000	68.24000	0.0	0.0	0.0
52.00000	31.00000	68.24000		52.00000	31.00000	68.24000	0.0	0.0	0.0
53.00000	31.00000	68.24000		53.00000	31.00000	68.24000	0.0	0.0	0.0
54.00000	31.00000	68.24000		54.00000	31.00000	68.24000	0.0	0.0	0.0
55.00000	31.00000	68.24000		55.00000	31.00000	68.24000	0.0	0.0	0.0
56.00000	31.00000	68.24000		56.00000	31.00000	68.24000	0.0	0.0	0.0
57.00000	31.00000	68.24000		57.00000	31.00000	68.24000	0.0	0.0	0.0
58.00000	31.00000	68.24000		58.00000	31.00000	68.24000	0.0	0.0	0.0
59.00000	31.00000	68.24000		59.00000	31.00000	68.24000	0.0	0.0	0.0
60.00000	31.00000	68.24000		60.00000	31.00000	68.24000	0.0	0.0	0.0
61.00000	31.00000	68.24000		61.00000	31.00000	68.24000	0.0	0.0	0.0
62.00000	31.00000	68.24000		62.00000	31.00000	68.24000	0.0	0.0	0.0
63.00000	31.00000	68.24000		63.00000	31.00000	68.24000	0.0	0.0	0.0
64.00000	31.00000	68.24000		64.00000	31.00000	68.24000	0.0	0.0	0.0
65.00000	31.00000	68.24000		65.00000	31.00000	68.24000	0.0	0.0	0.0
66.00000	31.00000	68.24000		66.00000	31.00000	68.24000	0.0	0.0	0.0
67.00000	31.00000	68.24000		67.00000	31.00000	68.24000	0.0	0.0	0.0
68.00000	31.00000	68.24000		68.00000	31.00000	68.24000	0.0	0.0	0.0
69.00000	31.00000	68.24000		69.00000	31.00000	68.24000	0.0	0.0	0.0
70.00000	31.00000	68.24000		70.00000	31.00000	68.24000	0.0	0.0	0.0
71.00000	31.00000	68.24000		71.00000	31.00000	68.24000	0.0	0.0	0.0
72.00000	31.00000	68.24000		72.00000	31.00000	68.24000	0.0	0.0	0.0
73.00000	31.00000	68.24000		73.00000	31.00000	68.24000	0.0	0.0	0.0
74.00000	31.00000	68.24000		74.00000	31.00000	68.24000	0.0	0.0	0.0
75.00000	31.00000	68.24000		75.00000	31.00000	68.24000	0.0	0.0	0.0
76.00000	31.00000	68.24000		76.00000	31.00000	68.24000	0.0	0.0	0.0
77.00000	31.00000	68.24000		77.00000	31.00000	68.24000	0.0	0.0	0.0
78.00000	31.00000	68.24000		78.00000	31.00000	68.24000	0.0	0.0	0.0
79.00000	31.00000	68.24000		79.00000	31.00000	68.24000	0.0	0.0	0.0
80.00000	31.00000	68.24000		80.00000	31.00000	68.24000	0.0	0.0	0.0
81.00000	31.00000	68.24000		81.00000	31.00000	68.24000	0.0	0.0	0.0
82.00000	31.00000	68.24000		82.00000	31.00000	68.24000	0.0	0.0	0.0
83.00000	31.00000	68.24000		83.00000	31.00000	68.24000	0.0	0.0	0.0
84.00000	31.00000	68.24000		84.00000	31.00000	68.24000	0.0	0.0	0.0
85.00000	31.00000	68.24000		85.00000	31.00000	68.24000	0.0	0.0	0.0
86.00000	31.00000	68.24000		86.00000	31.00000	68.24000	0.0	0.0	0.0
87.00000	31.00000	68.24000		87.00000	31.00000	68.24000	0.0	0.0	0.0
88.00000	31.00000	68.24000		88.00000	31.00000	68.24000	0.0	0.0	0.0
89.00000	31.00000	68.24000		89.00000	31.00000	68.24000	0.0	0.0	0.0
90.00000	31.00000	68.24000		90.00000	31.00000	68.24000	0.0	0.0	0.0
91.00000	31.00000	68.24000		91.00000	31.00000	68.24000	0.0	0.0	0.0
92.00000	31.00000	68.24000		92.00000	31.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				93.00000	31.00000	68.24000	0.0	0.0	0.0
				94.00000	31.00000	68.24000	0.0	0.0	0.0
				95.00000	31.00000	68.24000	0.0	0.0	0.0
				96.00000	31.00000	68.24000	0.0	0.0	0.0
				97.00000	31.00000	68.24000	0.0	0.0	0.0
				98.00000	31.00000	68.24000	0.0	0.0	0.0
				99.00000	31.00000	68.24000	0.0	0.0	0.0
				100.00000	31.00000	68.24000	0.0	0.0	0.0
				0.00000	32.00000	68.24000	0.0	0.0	0.0
				1.00000	32.00000	68.24000	0.0	0.0	0.0
				2.00000	32.00000	68.24000	0.0	0.0	0.0
				3.00000	32.00000	68.24000	0.0	0.0	0.0
				4.00000	32.00000	68.24000	0.0	0.0	0.0
				5.00000	32.00000	68.24000	0.0	0.0	0.0
				6.00000	32.00000	68.24000	0.0	0.0	0.0
				7.00000	32.00000	68.24000	0.0	0.0	0.0
				8.00000	32.00000	68.24000	0.0	0.0	0.0
				9.00000	32.00000	68.24000	0.0	0.0	0.0
				10.00000	32.00000	68.24000	0.0	0.0	0.0
				11.00000	32.00000	68.24000	0.0	0.0	0.0
				12.00000	32.00000	68.24000	0.0	0.0	0.0
				13.00000	32.00000	68.24000	0.0	0.0	0.0
				14.00000	32.00000	68.24000	0.0	0.0	0.0
				15.00000	32.00000	68.24000	0.0	0.0	0.0
				16.00000	32.00000	68.24000	0.0	0.0	0.0
				17.00000	32.00000	68.24000	0.0	0.0	0.0
				18.00000	32.00000	68.24000	0.0	0.0	0.0
				19.00000	32.00000	68.24000	0.0	0.0	0.0
				20.00000	32.00000	68.24000	0.0	0.0	0.0
				21.00000	32.00000	68.24000	0.0	0.0	0.0
				22.00000	32.00000	68.24000	0.0	0.0	0.0
				23.00000	32.00000	68.24000	0.0	0.0	0.0
				24.00000	32.00000	68.24000	0.0	0.0	0.0
				25.00000	32.00000	68.24000	0.0	0.0	0.0
				26.00000	32.00000	68.24000	0.0	0.0	0.0
				27.00000	32.00000	68.24000	0.0	0.0	0.0
				28.00000	32.00000	68.24000	0.0	0.0	0.0
				29.00000	32.00000	68.24000	0.0	0.0	0.0
				30.00000	32.00000	68.24000	0.0	0.0	0.0
				31.00000	32.00000	68.24000	0.0	0.0	0.0
				32.00000	32.00000	68.24000	0.0	0.0	0.0
				33.00000	32.00000	68.24000	0.0	0.0	0.0
				34.00000	32.00000	68.24000	0.0	0.0	0.0
				35.00000	32.00000	68.24000	0.0	0.0	0.0
				36.00000	32.00000	68.24000	0.0	0.0	0.0
				37.00000	32.00000	68.24000	0.0	0.0	0.0
				38.00000	32.00000	68.24000	0.0	0.0	0.0
				39.00000	32.00000	68.24000	0.0	0.0	0.0
				40.00000	32.00000	68.24000	0.0	0.0	0.0
				41.00000	32.00000	68.24000	0.0	0.0	0.0
				42.00000	32.00000	68.24000	0.0	0.0	0.0
				43.00000	32.00000	68.24000	0.0	0.0	0.0
				44.00000	32.00000	68.24000	0.0	0.0	0.0
				45.00000	32.00000	68.24000	0.0	0.0	0.0
				46.00000	32.00000	68.24000	0.0	0.0	0.0
				47.00000	32.00000	68.24000	0.0	0.0	0.0
				48.00000	32.00000	68.24000	0.0	0.0	0.0
				49.00000	32.00000	68.24000	0.0	0.0	0.0
				50.00000	32.00000	68.24000	0.0	0.0	0.0
				51.00000	32.00000	68.24000	0.0	0.0	0.0
				52.00000	32.00000	68.24000	0.0	0.0	0.0
				53.00000	32.00000	68.24000	0.0	0.0	0.0
				54.00000	32.00000	68.24000	0.0	0.0	0.0
				55.00000	32.00000	68.24000	0.0	0.0	0.0
				56.00000	32.00000	68.24000	0.0	0.0	0.0
				57.00000	32.00000	68.24000	0.0	0.0	0.0
				58.00000	32.00000	68.24000	0.0	0.0	0.0
				59.00000	32.00000	68.24000	0.0	0.0	0.0
				60.00000	32.00000	68.24000	0.0	0.0	0.0
				61.00000	32.00000	68.24000	0.0	0.0	0.0
				62.00000	32.00000	68.24000	0.0	0.0	0.0
				63.00000	32.00000	68.24000	0.0	0.0	0.0
				64.00000	32.00000	68.24000	0.0	0.0	0.0
				65.00000	32.00000	68.24000	0.0	0.0	0.0
				66.00000	32.00000	68.24000	0.0	0.0	0.0
				67.00000	32.00000	68.24000	0.0	0.0	0.0
				68.00000	32.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date 30-Sep-2024 Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				69.00000	32.00000	68.24000	0.0	0.0	0.0
				70.00000	32.00000	68.24000	0.0	0.0	0.0
				71.00000	32.00000	68.24000	0.0	0.0	0.0
				72.00000	32.00000	68.24000	0.0	0.0	0.0
				73.00000	32.00000	68.24000	0.0	0.0	0.0
				74.00000	32.00000	68.24000	0.0	0.0	0.0
				75.00000	32.00000	68.24000	0.0	0.0	0.0
				76.00000	32.00000	68.24000	0.0	0.0	0.0
				77.00000	32.00000	68.24000	0.0	0.0	0.0
				78.00000	32.00000	68.24000	0.0	0.0	0.0
				79.00000	32.00000	68.24000	0.0	0.0	0.0
				80.00000	32.00000	68.24000	0.0	0.0	0.0
				81.00000	32.00000	68.24000	0.0	0.0	0.0
				82.00000	32.00000	68.24000	0.0	0.0	0.0
				83.00000	32.00000	68.24000	0.0	0.0	0.0
				84.00000	32.00000	68.24000	0.0	0.0	0.0
				85.00000	32.00000	68.24000	0.0	0.0	0.0
				86.00000	32.00000	68.24000	0.0	0.0	0.0
				87.00000	32.00000	68.24000	0.0	0.0	0.0
				88.00000	32.00000	68.24000	0.0	0.0	0.0
				89.00000	32.00000	68.24000	0.0	0.0	0.0
				90.00000	32.00000	68.24000	0.0	0.0	0.0
				91.00000	32.00000	68.24000	0.0	0.0	0.0
				92.00000	32.00000	68.24000	0.0	0.0	0.0
				93.00000	32.00000	68.24000	0.0	0.0	0.0
				94.00000	32.00000	68.24000	0.0	0.0	0.0
				95.00000	32.00000	68.24000	0.0	0.0	0.0
				96.00000	32.00000	68.24000	0.0	0.0	0.0
				97.00000	32.00000	68.24000	0.0	0.0	0.0
				98.00000	32.00000	68.24000	0.0	0.0	0.0
				99.00000	32.00000	68.24000	0.0	0.0	0.0
				100.00000	32.00000	68.24000	0.0	0.0	0.0
				0.00000	33.00000	68.24000	0.0	0.0	0.0
				1.00000	33.00000	68.24000	0.0	0.0	0.0
				2.00000	33.00000	68.24000	0.0	0.0	0.0
				3.00000	33.00000	68.24000	0.0	0.0	0.0
				4.00000	33.00000	68.24000	0.0	0.0	0.0
				5.00000	33.00000	68.24000	0.0	0.0	0.0
				6.00000	33.00000	68.24000	0.0	0.0	0.0
				7.00000	33.00000	68.24000	0.0	0.0	0.0
				8.00000	33.00000	68.24000	0.0	0.0	0.0
				9.00000	33.00000	68.24000	0.0	0.0	0.0
				10.00000	33.00000	68.24000	0.0	0.0	0.0
				11.00000	33.00000	68.24000	0.0	0.0	0.0
				12.00000	33.00000	68.24000	0.0	0.0	0.0
				13.00000	33.00000	68.24000	0.0	0.0	0.0
				14.00000	33.00000	68.24000	0.0	0.0	0.0
				15.00000	33.00000	68.24000	0.0	0.0	0.0
				16.00000	33.00000	68.24000	0.0	0.0	0.0
				17.00000	33.00000	68.24000	0.0	0.0	0.0
				18.00000	33.00000	68.24000	0.0	0.0	0.0
				19.00000	33.00000	68.24000	0.0	0.0	0.0
				20.00000	33.00000	68.24000	0.0	0.0	0.0
				21.00000	33.00000	68.24000	0.0	0.0	0.0
				22.00000	33.00000	68.24000	0.0	0.0	0.0
				23.00000	33.00000	68.24000	0.0	0.0	0.0
				24.00000	33.00000	68.24000	0.0	0.0	0.0
				25.00000	33.00000	68.24000	0.0	0.0	0.0
				26.00000	33.00000	68.24000	0.0	0.0	0.0
				27.00000	33.00000	68.24000	0.0	0.0	0.0
				28.00000	33.00000	68.24000	0.0	0.0	0.0
				29.00000	33.00000	68.24000	0.0	0.0	0.0
				30.00000	33.00000	68.24000	0.0	0.0	0.0
				31.00000	33.00000	68.24000	0.0	0.0	0.0
				32.00000	33.00000	68.24000	0.0	0.0	0.0
				33.00000	33.00000	68.24000	0.0	0.0	0.0
				34.00000	33.00000	68.24000	0.0	0.0	0.0
				35.00000	33.00000	68.24000	0.0	0.0	0.0
				36.00000	33.00000	68.24000	0.0	0.0	0.0
				37.00000	33.00000	68.24000	0.0	0.0	0.0
				38.00000	33.00000	68.24000	0.0	0.0	0.0
				39.00000	33.00000	68.24000	0.0	0.0	0.0
				40.00000	33.00000	68.24000	0.0	0.0	0.0
				41.00000	33.00000	68.24000	0.0	0.0	0.0
				42.00000	33.00000	68.24000	0.0	0.0	0.0
				43.00000	33.00000	68.24000	0.0	0.0	0.0
				44.00000	33.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				45.00000	33.00000	68.24000	0.0	0.0	0.0
				46.00000	33.00000	68.24000	0.0	0.0	0.0
				47.00000	33.00000	68.24000	0.0	0.0	0.0
				48.00000	33.00000	68.24000	0.0	0.0	0.0
				49.00000	33.00000	68.24000	0.0	0.0	0.0
				50.00000	33.00000	68.24000	0.0	0.0	0.0
				51.00000	33.00000	68.24000	0.0	0.0	0.0
				52.00000	33.00000	68.24000	0.0	0.0	0.0
				53.00000	33.00000	68.24000	0.0	0.0	0.0
				54.00000	33.00000	68.24000	0.0	0.0	0.0
				55.00000	33.00000	68.24000	0.0	0.0	0.0
				56.00000	33.00000	68.24000	0.0	0.0	0.0
				57.00000	33.00000	68.24000	0.0	0.0	0.0
				58.00000	33.00000	68.24000	0.0	0.0	0.0
				59.00000	33.00000	68.24000	0.0	0.0	0.0
				60.00000	33.00000	68.24000	0.0	0.0	0.0
				61.00000	33.00000	68.24000	0.0	0.0	0.0
				62.00000	33.00000	68.24000	0.0	0.0	0.0
				63.00000	33.00000	68.24000	0.0	0.0	0.0
				64.00000	33.00000	68.24000	0.0	0.0	0.0
				65.00000	33.00000	68.24000	0.0	0.0	0.0
				66.00000	33.00000	68.24000	0.0	0.0	0.0
				67.00000	33.00000	68.24000	0.0	0.0	0.0
				68.00000	33.00000	68.24000	0.0	0.0	0.0
				69.00000	33.00000	68.24000	0.0	0.0	0.0
				70.00000	33.00000	68.24000	0.0	0.0	0.0
				71.00000	33.00000	68.24000	0.0	0.0	0.0
				72.00000	33.00000	68.24000	0.0	0.0	0.0
				73.00000	33.00000	68.24000	0.0	0.0	0.0
				74.00000	33.00000	68.24000	0.0	0.0	0.0
				75.00000	33.00000	68.24000	0.0	0.0	0.0
				76.00000	33.00000	68.24000	0.0	0.0	0.0
				77.00000	33.00000	68.24000	0.0	0.0	0.0
				78.00000	33.00000	68.24000	0.0	0.0	0.0
				79.00000	33.00000	68.24000	0.0	0.0	0.0
				80.00000	33.00000	68.24000	0.0	0.0	0.0
				81.00000	33.00000	68.24000	0.0	0.0	0.0
				82.00000	33.00000	68.24000	0.0	0.0	0.0
				83.00000	33.00000	68.24000	0.0	0.0	0.0
				84.00000	33.00000	68.24000	0.0	0.0	0.0
				85.00000	33.00000	68.24000	0.0	0.0	0.0
				86.00000	33.00000	68.24000	0.0	0.0	0.0
				87.00000	33.00000	68.24000	0.0	0.0	0.0
				88.00000	33.00000	68.24000	0.0	0.0	0.0
				89.00000	33.00000	68.24000	0.0	0.0	0.0
				90.00000	33.00000	68.24000	0.0	0.0	0.0
				91.00000	33.00000	68.24000	0.0	0.0	0.0
				92.00000	33.00000	68.24000	0.0	0.0	0.0
				93.00000	33.00000	68.24000	0.0	0.0	0.0
				94.00000	33.00000	68.24000	0.0	0.0	0.0
				95.00000	33.00000	68.24000	0.0	0.0	0.0
				96.00000	33.00000	68.24000	0.0	0.0	0.0
				97.00000	33.00000	68.24000	0.0	0.0	0.0
				98.00000	33.00000	68.24000	0.0	0.0	0.0
				99.00000	33.00000	68.24000	0.0	0.0	0.0
				100.00000	33.00000	68.24000	0.0	0.0	0.0
				0.00000	34.00000	68.24000	0.0	0.0	0.0
				1.00000	34.00000	68.24000	0.0	0.0	0.0
				2.00000	34.00000	68.24000	0.0	0.0	0.0
				3.00000	34.00000	68.24000	0.0	0.0	0.0
				4.00000	34.00000	68.24000	0.0	0.0	0.0
				5.00000	34.00000	68.24000	0.0	0.0	0.0
				6.00000	34.00000	68.24000	0.0	0.0	0.0
				7.00000	34.00000	68.24000	0.0	0.0	0.0
				8.00000	34.00000	68.24000	0.0	0.0	0.0
				9.00000	34.00000	68.24000	0.0	0.0	0.0
				10.00000	34.00000	68.24000	0.0	0.0	0.0
				11.00000	34.00000	68.24000	0.0	0.0	0.0
				12.00000	34.00000	68.24000	0.0	0.0	0.0
				13.00000	34.00000	68.24000	0.0	0.0	0.0
				14.00000	34.00000	68.24000	0.0	0.0	0.0
				15.00000	34.00000	68.24000	0.0	0.0	0.0
				16.00000	34.00000	68.24000	0.0	0.0	0.0
				17.00000	34.00000	68.24000	0.0	0.0	0.0
				18.00000	34.00000	68.24000	0.0	0.0	0.0
				19.00000	34.00000	68.24000	0.0	0.0	0.0
				20.00000	34.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
21.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
22.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
23.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
24.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
25.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
26.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
27.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
28.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
29.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
30.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
31.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
32.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
33.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
34.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
35.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
36.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
37.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
38.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
39.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
40.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
41.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
42.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
43.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
44.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
45.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
46.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
47.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
48.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
49.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
50.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
51.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
52.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
53.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
54.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
79.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
80.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
81.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
82.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
83.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
84.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
85.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
86.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
87.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
88.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
89.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
90.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
91.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
92.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
93.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
94.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
95.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
96.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
97.00000	34.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				98.00000	34.00000	68.24000	0.0	0.0	0.0
				99.00000	34.00000	68.24000	0.0	0.0	0.0
				100.00000	34.00000	68.24000	0.0	0.0	0.0
				0.00000	35.00000	68.24000	0.0	0.0	0.0
				1.00000	35.00000	68.24000	0.0	0.0	0.0
				2.00000	35.00000	68.24000	0.0	0.0	0.0
				3.00000	35.00000	68.24000	0.0	0.0	0.0
				4.00000	35.00000	68.24000	0.0	0.0	0.0
				5.00000	35.00000	68.24000	0.0	0.0	0.0
				6.00000	35.00000	68.24000	0.0	0.0	0.0
				7.00000	35.00000	68.24000	0.0	0.0	0.0
				8.00000	35.00000	68.24000	0.0	0.0	0.0
				9.00000	35.00000	68.24000	0.0	0.0	0.0
				10.00000	35.00000	68.24000	0.0	0.0	0.0
				11.00000	35.00000	68.24000	0.0	0.0	0.0
				12.00000	35.00000	68.24000	0.0	0.0	0.0
				13.00000	35.00000	68.24000	0.0	0.0	0.0
				14.00000	35.00000	68.24000	0.0	0.0	0.0
				15.00000	35.00000	68.24000	0.0	0.0	0.0
				16.00000	35.00000	68.24000	0.0	0.0	0.0
				17.00000	35.00000	68.24000	0.0	0.0	0.0
				18.00000	35.00000	68.24000	0.0	0.0	0.0
				19.00000	35.00000	68.24000	0.0	0.0	0.0
				20.00000	35.00000	68.24000	0.0	0.0	0.0
				21.00000	35.00000	68.24000	0.0	0.0	0.0
				22.00000	35.00000	68.24000	0.0	0.0	0.0
				23.00000	35.00000	68.24000	0.0	0.0	0.0
				24.00000	35.00000	68.24000	0.0	0.0	0.0
				25.00000	35.00000	68.24000	0.0	0.0	0.0
				26.00000	35.00000	68.24000	0.0	0.0	0.0
				27.00000	35.00000	68.24000	0.0	0.0	0.0
				28.00000	35.00000	68.24000	0.0	0.0	0.0
				29.00000	35.00000	68.24000	0.0	0.0	0.0
				30.00000	35.00000	68.24000	0.0	0.0	0.0
				31.00000	35.00000	68.24000	0.0	0.0	0.0
				32.00000	35.00000	68.24000	0.0	0.0	0.0
				33.00000	35.00000	68.24000	0.0	0.0	0.0
				34.00000	35.00000	68.24000	0.0	0.0	0.0
				35.00000	35.00000	68.24000	0.0	0.0	0.0
				36.00000	35.00000	68.24000	0.0	0.0	0.0
				37.00000	35.00000	68.24000	0.0	0.0	0.0
				38.00000	35.00000	68.24000	0.0	0.0	0.0
				39.00000	35.00000	68.24000	0.0	0.0	0.0
				40.00000	35.00000	68.24000	0.0	0.0	0.0
				41.00000	35.00000	68.24000	0.0	0.0	0.0
				42.00000	35.00000	68.24000	0.0	0.0	0.0
				43.00000	35.00000	68.24000	0.0	0.0	0.0
				44.00000	35.00000	68.24000	0.0	0.0	0.0
				45.00000	35.00000	68.24000	0.0	0.0	0.0
				46.00000	35.00000	68.24000	0.0	0.0	0.0
				47.00000	35.00000	68.24000	0.0	0.0	0.0
				48.00000	35.00000	68.24000	0.0	0.0	0.0
				49.00000	35.00000	68.24000	0.0	0.0	0.0
				50.00000	35.00000	68.24000	0.0	0.0	0.0
				51.00000	35.00000	68.24000	0.0	0.0	0.0
				52.00000	35.00000	68.24000	0.0	0.0	0.0
				53.00000	35.00000	68.24000	0.0	0.0	0.0
				54.00000	35.00000	68.24000	0.0	0.0	0.0
				55.00000	35.00000	68.24000	0.0	0.0	0.0
				56.00000	35.00000	68.24000	0.0	0.0	0.0
				57.00000	35.00000	68.24000	0.0	0.0	0.0
				58.00000	35.00000	68.24000	0.0	0.0	0.0
				59.00000	35.00000	68.24000	0.0	0.0	0.0
				60.00000	35.00000	68.24000	0.0	0.0	0.0
				61.00000	35.00000	68.24000	0.0	0.0	0.0
				62.00000	35.00000	68.24000	0.0	0.0	0.0
				63.00000	35.00000	68.24000	0.0	0.0	0.0
				64.00000	35.00000	68.24000	0.0	0.0	0.0
				65.00000	35.00000	68.24000	0.0	0.0	0.0
				66.00000	35.00000	68.24000	0.0	0.0	0.0
				67.00000	35.00000	68.24000	0.0	0.0	0.0
				68.00000	35.00000	68.24000	0.0	0.0	0.0
				69.00000	35.00000	68.24000	0.0	0.0	0.0
				70.00000	35.00000	68.24000	0.0	0.0	0.0
				71.00000	35.00000	68.24000	0.0	0.0	0.0
				72.00000	35.00000	68.24000	0.0	0.0	0.0
				73.00000	35.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				74.00000	35.00000	68.24000	0.0	0.0	0.0
				75.00000	35.00000	68.24000	0.0	0.0	0.0
				76.00000	35.00000	68.24000	0.0	0.0	0.0
				77.00000	35.00000	68.24000	0.0	0.0	0.0
				78.00000	35.00000	68.24000	0.0	0.0	0.0
				79.00000	35.00000	68.24000	0.0	0.0	0.0
				80.00000	35.00000	68.24000	0.0	0.0	0.0
				81.00000	35.00000	68.24000	0.0	0.0	0.0
				82.00000	35.00000	68.24000	0.0	0.0	0.0
				83.00000	35.00000	68.24000	0.0	0.0	0.0
				84.00000	35.00000	68.24000	0.0	0.0	0.0
				85.00000	35.00000	68.24000	0.0	0.0	0.0
				86.00000	35.00000	68.24000	0.0	0.0	0.0
				87.00000	35.00000	68.24000	0.0	0.0	0.0
				88.00000	35.00000	68.24000	0.0	0.0	0.0
				89.00000	35.00000	68.24000	0.0	0.0	0.0
				90.00000	35.00000	68.24000	0.0	0.0	0.0
				91.00000	35.00000	68.24000	0.0	0.0	0.0
				92.00000	35.00000	68.24000	0.0	0.0	0.0
				93.00000	35.00000	68.24000	0.0	0.0	0.0
				94.00000	35.00000	68.24000	0.0	0.0	0.0
				95.00000	35.00000	68.24000	0.0	0.0	0.0
				96.00000	35.00000	68.24000	0.0	0.0	0.0
				97.00000	35.00000	68.24000	0.0	0.0	0.0
				98.00000	35.00000	68.24000	0.0	0.0	0.0
				99.00000	35.00000	68.24000	0.0	0.0	0.0
				100.00000	35.00000	68.24000	0.0	0.0	0.0
				0.00000	36.00000	68.24000	0.0	0.0	0.0
				1.00000	36.00000	68.24000	0.0	0.0	0.0
				2.00000	36.00000	68.24000	0.0	0.0	0.0
				3.00000	36.00000	68.24000	0.0	0.0	0.0
				4.00000	36.00000	68.24000	0.0	0.0	0.0
				5.00000	36.00000	68.24000	0.0	0.0	0.0
				6.00000	36.00000	68.24000	0.0	0.0	0.0
				7.00000	36.00000	68.24000	0.0	0.0	0.0
				8.00000	36.00000	68.24000	0.0	0.0	0.0
				9.00000	36.00000	68.24000	0.0	0.0	0.0
				10.00000	36.00000	68.24000	0.0	0.0	0.0
				11.00000	36.00000	68.24000	0.0	0.0	0.0
				12.00000	36.00000	68.24000	0.0	0.0	0.0
				13.00000	36.00000	68.24000	0.0	0.0	0.0
				14.00000	36.00000	68.24000	0.0	0.0	0.0
				15.00000	36.00000	68.24000	0.0	0.0	0.0
				16.00000	36.00000	68.24000	0.0	0.0	0.0
				17.00000	36.00000	68.24000	0.0	0.0	0.0
				18.00000	36.00000	68.24000	0.0	0.0	0.0
				19.00000	36.00000	68.24000	0.0	0.0	0.0
				20.00000	36.00000	68.24000	0.0	0.0	0.0
				21.00000	36.00000	68.24000	0.0	0.0	0.0
				22.00000	36.00000	68.24000	0.0	0.0	0.0
				23.00000	36.00000	68.24000	0.0	0.0	0.0
				24.00000	36.00000	68.24000	0.0	0.0	0.0
				25.00000	36.00000	68.24000	0.0	0.0	0.0
				26.00000	36.00000	68.24000	0.0	0.0	0.0
				27.00000	36.00000	68.24000	0.0	0.0	0.0
				28.00000	36.00000	68.24000	0.0	0.0	0.0
				29.00000	36.00000	68.24000	0.0	0.0	0.0
				30.00000	36.00000	68.24000	0.0	0.0	0.0
				31.00000	36.00000	68.24000	0.0	0.0	0.0
				32.00000	36.00000	68.24000	0.0	0.0	0.0
				33.00000	36.00000	68.24000	0.0	0.0	0.0
				34.00000	36.00000	68.24000	0.0	0.0	0.0
				35.00000	36.00000	68.24000	0.0	0.0	0.0
				36.00000	36.00000	68.24000	0.0	0.0	0.0
				37.00000	36.00000	68.24000	0.0	0.0	0.0
				38.00000	36.00000	68.24000	0.0	0.0	0.0
				39.00000	36.00000	68.24000	0.0	0.0	0.0
				40.00000	36.00000	68.24000	0.0	0.0	0.0
				41.00000	36.00000	68.24000	0.0	0.0	0.0
				42.00000	36.00000	68.24000	0.0	0.0	0.0
				43.00000	36.00000	68.24000	0.0	0.0	0.0
				44.00000	36.00000	68.24000	0.0	0.0	0.0
				45.00000	36.00000	68.24000	0.0	0.0	0.0
				46.00000	36.00000	68.24000	0.0	0.0	0.0
				47.00000	36.00000	68.24000	0.0	0.0	0.0
				48.00000	36.00000	68.24000	0.0	0.0	0.0
				49.00000	36.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				50.00000	36.00000	68.24000	0.0	0.0	0.0
				51.00000	36.00000	68.24000	0.0	0.0	0.0
				52.00000	36.00000	68.24000	0.0	0.0	0.0
				53.00000	36.00000	68.24000	0.0	0.0	0.0
				54.00000	36.00000	68.24000	0.0	0.0	0.0
				55.00000	36.00000	68.24000	0.0	0.0	0.0
				56.00000	36.00000	68.24000	0.0	0.0	0.0
				57.00000	36.00000	68.24000	0.0	0.0	0.0
				58.00000	36.00000	68.24000	0.0	0.0	0.0
				59.00000	36.00000	68.24000	0.0	0.0	0.0
				60.00000	36.00000	68.24000	0.0	0.0	0.0
				61.00000	36.00000	68.24000	0.0	0.0	0.0
				62.00000	36.00000	68.24000	0.0	0.0	0.0
				63.00000	36.00000	68.24000	0.0	0.0	0.0
				64.00000	36.00000	68.24000	0.0	0.0	0.0
				65.00000	36.00000	68.24000	0.0	0.0	0.0
				66.00000	36.00000	68.24000	0.0	0.0	0.0
				67.00000	36.00000	68.24000	0.0	0.0	0.0
				68.00000	36.00000	68.24000	0.0	0.0	0.0
				69.00000	36.00000	68.24000	0.0	0.0	0.0
				70.00000	36.00000	68.24000	0.0	0.0	0.0
				71.00000	36.00000	68.24000	0.0	0.0	0.0
				72.00000	36.00000	68.24000	0.0	0.0	0.0
				73.00000	36.00000	68.24000	0.0	0.0	0.0
				74.00000	36.00000	68.24000	0.0	0.0	0.0
				75.00000	36.00000	68.24000	0.0	0.0	0.0
				76.00000	36.00000	68.24000	0.0	0.0	0.0
				77.00000	36.00000	68.24000	0.0	0.0	0.0
				78.00000	36.00000	68.24000	0.0	0.0	0.0
				79.00000	36.00000	68.24000	0.0	0.0	0.0
				80.00000	36.00000	68.24000	0.0	0.0	0.0
				81.00000	36.00000	68.24000	0.0	0.0	0.0
				82.00000	36.00000	68.24000	0.0	0.0	0.0
				83.00000	36.00000	68.24000	0.0	0.0	0.0
				84.00000	36.00000	68.24000	0.0	0.0	0.0
				85.00000	36.00000	68.24000	0.0	0.0	0.0
				86.00000	36.00000	68.24000	0.0	0.0	0.0
				87.00000	36.00000	68.24000	0.0	0.0	0.0
				88.00000	36.00000	68.24000	0.0	0.0	0.0
				89.00000	36.00000	68.24000	0.0	0.0	0.0
				90.00000	36.00000	68.24000	0.0	0.0	0.0
				91.00000	36.00000	68.24000	0.0	0.0	0.0
				92.00000	36.00000	68.24000	0.0	0.0	0.0
				93.00000	36.00000	68.24000	0.0	0.0	0.0
				94.00000	36.00000	68.24000	0.0	0.0	0.0
				95.00000	36.00000	68.24000	0.0	0.0	0.0
				96.00000	36.00000	68.24000	0.0	0.0	0.0
				97.00000	36.00000	68.24000	0.0	0.0	0.0
				98.00000	36.00000	68.24000	0.0	0.0	0.0
				99.00000	36.00000	68.24000	0.0	0.0	0.0
				100.00000	36.00000	68.24000	0.0	0.0	0.0
				0.00000	37.00000	68.24000	0.0	0.0	0.0
				1.00000	37.00000	68.24000	0.0	0.0	0.0
				2.00000	37.00000	68.24000	0.0	0.0	0.0
				3.00000	37.00000	68.24000	0.0	0.0	0.0
				4.00000	37.00000	68.24000	0.0	0.0	0.0
				5.00000	37.00000	68.24000	0.0	0.0	0.0
				6.00000	37.00000	68.24000	0.0	0.0	0.0
				7.00000	37.00000	68.24000	0.0	0.0	0.0
				8.00000	37.00000	68.24000	0.0	0.0	0.0
				9.00000	37.00000	68.24000	0.0	0.0	0.0
				10.00000	37.00000	68.24000	0.0	0.0	0.0
				11.00000	37.00000	68.24000	0.0	0.0	0.0
				12.00000	37.00000	68.24000	0.0	0.0	0.0
				13.00000	37.00000	68.24000	0.0	0.0	0.0
				14.00000	37.00000	68.24000	0.0	0.0	0.0
				15.00000	37.00000	68.24000	0.0	0.0	0.0
				16.00000	37.00000	68.24000	0.0	0.0	0.0
				17.00000	37.00000	68.24000	0.0	0.0	0.0
				18.00000	37.00000	68.24000	0.0	0.0	0.0
				19.00000	37.00000	68.24000	0.0	0.0	0.0
				20.00000	37.00000	68.24000	0.0	0.0	0.0
				21.00000	37.00000	68.24000	0.0	0.0	0.0
				22.00000	37.00000	68.24000	0.0	0.0	0.0
				23.00000	37.00000	68.24000	0.0	0.0	0.0
				24.00000	37.00000	68.24000	0.0	0.0	0.0
				25.00000	37.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				26.00000	37.00000	68.24000	0.0	0.0	0.0
				27.00000	37.00000	68.24000	0.0	0.0	0.0
				28.00000	37.00000	68.24000	0.0	0.0	0.0
				29.00000	37.00000	68.24000	0.0	0.0	0.0
				30.00000	37.00000	68.24000	0.0	0.0	0.0
				31.00000	37.00000	68.24000	0.0	0.0	0.0
				32.00000	37.00000	68.24000	0.0	0.0	0.0
				33.00000	37.00000	68.24000	0.0	0.0	0.0
				34.00000	37.00000	68.24000	0.0	0.0	0.0
				35.00000	37.00000	68.24000	0.0	0.0	0.0
				36.00000	37.00000	68.24000	0.0	0.0	0.0
				37.00000	37.00000	68.24000	0.0	0.0	0.0
				38.00000	37.00000	68.24000	0.0	0.0	0.0
				39.00000	37.00000	68.24000	0.0	0.0	0.0
				40.00000	37.00000	68.24000	0.0	0.0	0.0
				41.00000	37.00000	68.24000	0.0	0.0	0.0
				42.00000	37.00000	68.24000	0.0	0.0	0.0
				43.00000	37.00000	68.24000	0.0	0.0	0.0
				44.00000	37.00000	68.24000	0.0	0.0	0.0
				45.00000	37.00000	68.24000	0.0	0.0	0.0
				46.00000	37.00000	68.24000	0.0	0.0	0.0
				47.00000	37.00000	68.24000	0.0	0.0	0.0
				48.00000	37.00000	68.24000	0.0	0.0	0.0
				49.00000	37.00000	68.24000	0.0	0.0	0.0
				50.00000	37.00000	68.24000	0.0	0.0	0.0
				51.00000	37.00000	68.24000	0.0	0.0	0.0
				52.00000	37.00000	68.24000	0.0	0.0	0.0
				53.00000	37.00000	68.24000	0.0	0.0	0.0
				54.00000	37.00000	68.24000	0.0	0.0	0.0
				55.00000	37.00000	68.24000	0.0	0.0	0.0
				56.00000	37.00000	68.24000	0.0	0.0	0.0
				57.00000	37.00000	68.24000	0.0	0.0	0.0
				58.00000	37.00000	68.24000	0.0	0.0	0.0
				59.00000	37.00000	68.24000	0.0	0.0	0.0
				60.00000	37.00000	68.24000	0.0	0.0	0.0
				61.00000	37.00000	68.24000	0.0	0.0	0.0
				62.00000	37.00000	68.24000	0.0	0.0	0.0
				63.00000	37.00000	68.24000	0.0	0.0	0.0
				64.00000	37.00000	68.24000	0.0	0.0	0.0
				65.00000	37.00000	68.24000	0.0	0.0	0.0
				66.00000	37.00000	68.24000	0.0	0.0	0.0
				67.00000	37.00000	68.24000	0.0	0.0	0.0
				68.00000	37.00000	68.24000	0.0	0.0	0.0
				69.00000	37.00000	68.24000	0.0	0.0	0.0
				70.00000	37.00000	68.24000	0.0	0.0	0.0
				71.00000	37.00000	68.24000	0.0	0.0	0.0
				72.00000	37.00000	68.24000	0.0	0.0	0.0
				73.00000	37.00000	68.24000	0.0	0.0	0.0
				74.00000	37.00000	68.24000	0.0	0.0	0.0
				75.00000	37.00000	68.24000	0.0	0.0	0.0
				76.00000	37.00000	68.24000	0.0	0.0	0.0
				77.00000	37.00000	68.24000	0.0	0.0	0.0
				78.00000	37.00000	68.24000	0.0	0.0	0.0
				79.00000	37.00000	68.24000	0.0	0.0	0.0
				80.00000	37.00000	68.24000	0.0	0.0	0.0
				81.00000	37.00000	68.24000	0.0	0.0	0.0
				82.00000	37.00000	68.24000	0.0	0.0	0.0
				83.00000	37.00000	68.24000	0.0	0.0	0.0
				84.00000	37.00000	68.24000	0.0	0.0	0.0
				85.00000	37.00000	68.24000	0.0	0.0	0.0
				86.00000	37.00000	68.24000	0.0	0.0	0.0
				87.00000	37.00000	68.24000	0.0	0.0	0.0
				88.00000	37.00000	68.24000	0.0	0.0	0.0
				89.00000	37.00000	68.24000	0.0	0.0	0.0
				90.00000	37.00000	68.24000	0.0	0.0	0.0
				91.00000	37.00000	68.24000	0.0	0.0	0.0
				92.00000	37.00000	68.24000	0.0	0.0	0.0
				93.00000	37.00000	68.24000	0.0	0.0	0.0
				94.00000	37.00000	68.24000	0.0	0.0	0.0
				95.00000	37.00000	68.24000	0.0	0.0	0.0
				96.00000	37.00000	68.24000	0.0	0.0	0.0
				97.00000	37.00000	68.24000	0.0	0.0	0.0
				98.00000	37.00000	68.24000	0.0	0.0	0.0
				99.00000	37.00000	68.24000	0.0	0.0	0.0
				100.00000	37.00000	68.24000	0.0	0.0	0.0
				0.00000	38.00000	68.24000	0.0	0.0	0.0
				1.00000	38.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				79.00000	38.00000	68.24000	0.0	0.0	0.0
				80.00000	38.00000	68.24000	0.0	0.0	0.0
				81.00000	38.00000	68.24000	0.0	0.0	0.0
				82.00000	38.00000	68.24000	0.0	0.0	0.0
				83.00000	38.00000	68.24000	0.0	0.0	0.0
				84.00000	38.00000	68.24000	0.0	0.0	0.0
				85.00000	38.00000	68.24000	0.0	0.0	0.0
				86.00000	38.00000	68.24000	0.0	0.0	0.0
				87.00000	38.00000	68.24000	0.0	0.0	0.0
				88.00000	38.00000	68.24000	0.0	0.0	0.0
				89.00000	38.00000	68.24000	0.0	0.0	0.0
				90.00000	38.00000	68.24000	0.0	0.0	0.0
				91.00000	38.00000	68.24000	0.0	0.0	0.0
				92.00000	38.00000	68.24000	0.0	0.0	0.0
				93.00000	38.00000	68.24000	0.0	0.0	0.0
				94.00000	38.00000	68.24000	0.0	0.0	0.0
				95.00000	38.00000	68.24000	0.0	0.0	0.0
				96.00000	38.00000	68.24000	0.0	0.0	0.0
				97.00000	38.00000	68.24000	0.0	0.0	0.0
				98.00000	38.00000	68.24000	0.0	0.0	0.0
				99.00000	38.00000	68.24000	0.0	0.0	0.0
				100.00000	38.00000	68.24000	0.0	0.0	0.0
				0.00000	39.00000	68.24000	0.0	0.0	0.0
				1.00000	39.00000	68.24000	0.0	0.0	0.0
				2.00000	39.00000	68.24000	0.0	0.0	0.0
				3.00000	39.00000	68.24000	0.0	0.0	0.0
				4.00000	39.00000	68.24000	0.0	0.0	0.0
				5.00000	39.00000	68.24000	0.0	0.0	0.0
				6.00000	39.00000	68.24000	0.0	0.0	0.0
				7.00000	39.00000	68.24000	0.0	0.0	0.0
				8.00000	39.00000	68.24000	0.0	0.0	0.0
				9.00000	39.00000	68.24000	0.0	0.0	0.0
				10.00000	39.00000	68.24000	0.0	0.0	0.0
				11.00000	39.00000	68.24000	0.0	0.0	0.0
				12.00000	39.00000	68.24000	0.0	0.0	0.0
				13.00000	39.00000	68.24000	0.0	0.0	0.0
				14.00000	39.00000	68.24000	0.0	0.0	0.0
				15.00000	39.00000	68.24000	0.0	0.0	0.0
				16.00000	39.00000	68.24000	0.0	0.0	0.0
				17.00000	39.00000	68.24000	0.0	0.0	0.0
				18.00000	39.00000	68.24000	0.0	0.0	0.0
				19.00000	39.00000	68.24000	0.0	0.0	0.0
				20.00000	39.00000	68.24000	0.0	0.0	0.0
				21.00000	39.00000	68.24000	0.0	0.0	0.0
				22.00000	39.00000	68.24000	0.0	0.0	0.0
				23.00000	39.00000	68.24000	0.0	0.0	0.0
				24.00000	39.00000	68.24000	0.0	0.0	0.0
				25.00000	39.00000	68.24000	0.0	0.0	0.0
				26.00000	39.00000	68.24000	0.0	0.0	0.0
				27.00000	39.00000	68.24000	0.0	0.0	0.0
				28.00000	39.00000	68.24000	0.0	0.0	0.0
				29.00000	39.00000	68.24000	0.0	0.0	0.0
				30.00000	39.00000	68.24000	0.0	0.0	0.0
				31.00000	39.00000	68.24000	0.0	0.0	0.0
				32.00000	39.00000	68.24000	0.0	0.0	0.0
				33.00000	39.00000	68.24000	0.0	0.0	0.0
				34.00000	39.00000	68.24000	0.0	0.0	0.0
				35.00000	39.00000	68.24000	0.0	0.0	0.0
				36.00000	39.00000	68.24000	0.0	0.0	0.0
				37.00000	39.00000	68.24000	0.0	0.0	0.0
				38.00000	39.00000	68.24000	0.0	0.0	0.0
				39.00000	39.00000	68.24000	0.0	0.0	0.0
				40.00000	39.00000	68.24000	0.0	0.0	0.0
				41.00000	39.00000	68.24000	0.0	0.0	0.0
				42.00000	39.00000	68.24000	0.0	0.0	0.0
				43.00000	39.00000	68.24000	0.0	0.0	0.0
				44.00000	39.00000	68.24000	0.0	0.0	0.0
				45.00000	39.00000	68.24000	0.0	0.0	0.0
				46.00000	39.00000	68.24000	0.0	0.0	0.0
				47.00000	39.00000	68.24000	0.0	0.0	0.0
				48.00000	39.00000	68.24000	0.0	0.0	0.0
				49.00000	39.00000	68.24000	0.0	0.0	0.0
				50.00000	39.00000	68.24000	0.0	0.0	0.0
				51.00000	39.00000	68.24000	0.0	0.0	0.0
				52.00000	39.00000	68.24000	0.0	0.0	0.0
				53.00000	39.00000	68.24000	0.0	0.0	0.0
				54.00000	39.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date 30-Sep-2024 Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
55.00000	39.00000	68.24000		55.00000	39.00000	68.24000	0.0	0.0	0.0
56.00000	39.00000	68.24000		56.00000	39.00000	68.24000	0.0	0.0	0.0
57.00000	39.00000	68.24000		57.00000	39.00000	68.24000	0.0	0.0	0.0
58.00000	39.00000	68.24000		58.00000	39.00000	68.24000	0.0	0.0	0.0
59.00000	39.00000	68.24000		59.00000	39.00000	68.24000	0.0	0.0	0.0
60.00000	39.00000	68.24000		60.00000	39.00000	68.24000	0.0	0.0	0.0
61.00000	39.00000	68.24000		61.00000	39.00000	68.24000	0.0	0.0	0.0
62.00000	39.00000	68.24000		62.00000	39.00000	68.24000	0.0	0.0	0.0
63.00000	39.00000	68.24000		63.00000	39.00000	68.24000	0.0	0.0	0.0
64.00000	39.00000	68.24000		64.00000	39.00000	68.24000	0.0	0.0	0.0
65.00000	39.00000	68.24000		65.00000	39.00000	68.24000	0.0	0.0	0.0
66.00000	39.00000	68.24000		66.00000	39.00000	68.24000	-0.026982	0.18348	0.70293
67.00000	39.00000	68.24000		67.00000	39.00000	68.24000	-0.019467	0.13237	0.60472
68.00000	39.00000	68.24000		68.00000	39.00000	68.24000	-0.011952	0.081274	0.48759
69.00000	39.00000	68.24000		69.00000	39.00000	68.24000	-0.0044372	0.030173	0.34968
70.00000	39.00000	68.24000		70.00000	39.00000	68.24000	0.0	0.0	0.0
71.00000	39.00000	68.24000		71.00000	39.00000	68.24000	0.0	0.0	0.0
72.00000	39.00000	68.24000		72.00000	39.00000	68.24000	0.0	0.0	0.0
73.00000	39.00000	68.24000		73.00000	39.00000	68.24000	0.0	0.0	0.0
74.00000	39.00000	68.24000		74.00000	39.00000	68.24000	0.0	0.0	0.0
75.00000	39.00000	68.24000		75.00000	39.00000	68.24000	0.0	0.0	0.0
76.00000	39.00000	68.24000		76.00000	39.00000	68.24000	0.0	0.0	0.0
77.00000	39.00000	68.24000		77.00000	39.00000	68.24000	0.0	0.0	0.0
78.00000	39.00000	68.24000		78.00000	39.00000	68.24000	0.0	0.0	0.0
79.00000	39.00000	68.24000		79.00000	39.00000	68.24000	0.0	0.0	0.0
80.00000	39.00000	68.24000		80.00000	39.00000	68.24000	0.0	0.0	0.0
81.00000	39.00000	68.24000		81.00000	39.00000	68.24000	0.0	0.0	0.0
82.00000	39.00000	68.24000		82.00000	39.00000	68.24000	0.0	0.0	0.0
83.00000	39.00000	68.24000		83.00000	39.00000	68.24000	0.0	0.0	0.0
84.00000	39.00000	68.24000		84.00000	39.00000	68.24000	0.0	0.0	0.0
85.00000	39.00000	68.24000		85.00000	39.00000	68.24000	0.0	0.0	0.0
86.00000	39.00000	68.24000		86.00000	39.00000	68.24000	0.0	0.0	0.0
87.00000	39.00000	68.24000		87.00000	39.00000	68.24000	0.0	0.0	0.0
88.00000	39.00000	68.24000		88.00000	39.00000	68.24000	0.0	0.0	0.0
89.00000	39.00000	68.24000		89.00000	39.00000	68.24000	0.0	0.0	0.0
90.00000	39.00000	68.24000		90.00000	39.00000	68.24000	0.0	0.0	0.0
91.00000	39.00000	68.24000		91.00000	39.00000	68.24000	0.0	0.0	0.0
92.00000	39.00000	68.24000		92.00000	39.00000	68.24000	0.0	0.0	0.0
93.00000	39.00000	68.24000		93.00000	39.00000	68.24000	0.0	0.0	0.0
94.00000	39.00000	68.24000		94.00000	39.00000	68.24000	0.0	0.0	0.0
95.00000	39.00000	68.24000		95.00000	39.00000	68.24000	0.0	0.0	0.0
96.00000	39.00000	68.24000		96.00000	39.00000	68.24000	0.0	0.0	0.0
97.00000	39.00000	68.24000		97.00000	39.00000	68.24000	0.0	0.0	0.0
98.00000	39.00000	68.24000		98.00000	39.00000	68.24000	0.0	0.0	0.0
99.00000	39.00000	68.24000		99.00000	39.00000	68.24000	0.0	0.0	0.0
100.00000	39.00000	68.24000		100.00000	39.00000	68.24000	0.0	0.0	0.0
0.00000	40.00000	68.24000		0.00000	40.00000	68.24000	0.0	0.0	0.0
1.00000	40.00000	68.24000		1.00000	40.00000	68.24000	0.0	0.0	0.0
2.00000	40.00000	68.24000		2.00000	40.00000	68.24000	0.0	0.0	0.0
3.00000	40.00000	68.24000		3.00000	40.00000	68.24000	0.0	0.0	0.0
4.00000	40.00000	68.24000		4.00000	40.00000	68.24000	0.0	0.0	0.0
5.00000	40.00000	68.24000		5.00000	40.00000	68.24000	0.0	0.0	0.0
6.00000	40.00000	68.24000		6.00000	40.00000	68.24000	0.0	0.0	0.0
7.00000	40.00000	68.24000		7.00000	40.00000	68.24000	0.0	0.0	0.0
8.00000	40.00000	68.24000		8.00000	40.00000	68.24000	0.0	0.0	0.0
9.00000	40.00000	68.24000		9.00000	40.00000	68.24000	0.0	0.0	0.0
10.00000	40.00000	68.24000		10.00000	40.00000	68.24000	0.0	0.0	0.0
11.00000	40.00000	68.24000		11.00000	40.00000	68.24000	0.0	0.0	0.0
12.00000	40.00000	68.24000		12.00000	40.00000	68.24000	0.0	0.0	0.0
13.00000	40.00000	68.24000		13.00000	40.00000	68.24000	0.0	0.0	0.0
14.00000	40.00000	68.24000		14.00000	40.00000	68.24000	0.0	0.0	0.0
15.00000	40.00000	68.24000		15.00000	40.00000	68.24000	0.0	0.0	0.0
16.00000	40.00000	68.24000		16.00000	40.00000	68.24000	0.0	0.0	0.0
17.00000	40.00000	68.24000		17.00000	40.00000	68.24000	0.0	0.0	0.0
18.00000	40.00000	68.24000		18.00000	40.00000	68.24000	0.0	0.0	0.0
19.00000	40.00000	68.24000		19.00000	40.00000	68.24000	0.0	0.0	0.0
20.00000	40.00000	68.24000		20.00000	40.00000	68.24000	0.0	0.0	0.0
21.00000	40.00000	68.24000		21.00000	40.00000	68.24000	0.0	0.0	0.0
22.00000	40.00000	68.24000		22.00000	40.00000	68.24000	0.0	0.0	0.0
23.00000	40.00000	68.24000		23.00000	40.00000	68.24000	0.0	0.0	0.0
24.00000	40.00000	68.24000		24.00000	40.00000	68.24000	0.0	0.0	0.0
25.00000	40.00000	68.24000		25.00000	40.00000	68.24000	0.0	0.0	0.0
26.00000	40.00000	68.24000		26.00000	40.00000	68.24000	0.0	0.0	0.0
27.00000	40.00000	68.24000		27.00000	40.00000	68.24000	0.0	0.0	0.0
28.00000	40.00000	68.24000		28.00000	40.00000	68.24000	0.0	0.0	0.0
29.00000	40.00000	68.24000		29.00000	40.00000	68.24000	0.0	0.0	0.0
30.00000	40.00000	68.24000		30.00000	40.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				31.00000	40.00000	68.24000	0.0	0.0	0.0
				32.00000	40.00000	68.24000	0.0	0.0	0.0
				33.00000	40.00000	68.24000	0.0	0.0	0.0
				34.00000	40.00000	68.24000	0.0	0.0	0.0
				35.00000	40.00000	68.24000	0.0	0.0	0.0
				36.00000	40.00000	68.24000	0.0	0.0	0.0
				37.00000	40.00000	68.24000	0.0	0.0	0.0
				38.00000	40.00000	68.24000	0.0	0.0	0.0
				39.00000	40.00000	68.24000	0.0	0.0	0.0
				40.00000	40.00000	68.24000	0.0	0.0	0.0
				41.00000	40.00000	68.24000	0.0	0.0	0.0
				42.00000	40.00000	68.24000	0.0	0.0	0.0
				43.00000	40.00000	68.24000	0.0	0.0	0.0
				44.00000	40.00000	68.24000	0.0	0.0	0.0
				45.00000	40.00000	68.24000	0.0	0.0	0.0
				46.00000	40.00000	68.24000	0.0	0.0	0.0
				47.00000	40.00000	68.24000	0.0	0.0	0.0
				48.00000	40.00000	68.24000	0.0	0.0	0.0
				49.00000	40.00000	68.24000	0.0	0.0	0.0
				50.00000	40.00000	68.24000	0.0	0.059140	0.23467
				51.00000	40.00000	68.24000	0.0	0.17040	0.67616
				52.00000	40.00000	68.24000	0.0	0.17040	0.67616
				53.00000	40.00000	68.24000	0.0	0.17040	0.67616
				54.00000	40.00000	68.24000	0.0	0.17040	0.67616
				55.00000	40.00000	68.24000	0.0	0.17040	0.67616
				56.00000	40.00000	68.24000	0.0	0.17040	0.67616
				57.00000	40.00000	68.24000	0.0	0.17040	0.67616
				58.00000	40.00000	68.24000	0.0	0.17040	0.67616
				59.00000	40.00000	68.24000	0.0	0.0	0.0
				60.00000	40.00000	68.24000	0.0	0.0	0.0
				61.00000	40.00000	68.24000	0.0	0.0	0.0
				62.00000	40.00000	68.24000	0.0	0.0	0.0
				63.00000	40.00000	68.24000	0.0	0.0	0.0
				64.00000	40.00000	68.24000	0.0	0.0	0.0
				65.00000	40.00000	68.24000	0.0	0.0	0.0
				66.00000	40.00000	68.24000	-0.078082	0.53096	1.0003
				67.00000	40.00000	68.24000	-0.070568	0.47986	0.98678
				68.00000	40.00000	68.24000	-0.063053	0.42876	0.96520
				69.00000	40.00000	68.24000	0.0	0.0	0.0
				70.00000	40.00000	68.24000	0.0	0.0	0.0
				71.00000	40.00000	68.24000	0.0	0.0	0.0
				72.00000	40.00000	68.24000	0.0	0.0	0.0
				73.00000	40.00000	68.24000	0.0	0.0	0.0
				74.00000	40.00000	68.24000	0.0	0.0	0.0
				75.00000	40.00000	68.24000	0.0	0.0	0.0
				76.00000	40.00000	68.24000	0.0	0.0	0.0
				77.00000	40.00000	68.24000	0.0	0.0	0.0
				78.00000	40.00000	68.24000	0.0	0.0	0.0
				79.00000	40.00000	68.24000	0.0	0.0	0.0
				80.00000	40.00000	68.24000	0.0	0.0	0.0
				81.00000	40.00000	68.24000	0.0	0.0	0.0
				82.00000	40.00000	68.24000	0.0	0.0	0.0
				83.00000	40.00000	68.24000	0.0	0.0	0.0
				84.00000	40.00000	68.24000	0.0	0.0	0.0
				85.00000	40.00000	68.24000	0.0	0.0	0.0
				86.00000	40.00000	68.24000	0.0	0.0	0.0
				87.00000	40.00000	68.24000	0.0	0.0	0.0
				88.00000	40.00000	68.24000	0.0	0.0	0.0
				89.00000	40.00000	68.24000	0.0	0.0	0.0
				90.00000	40.00000	68.24000	0.0	0.0	0.0
				91.00000	40.00000	68.24000	0.0	0.0	0.0
				92.00000	40.00000	68.24000	0.0	0.0	0.0
				93.00000	40.00000	68.24000	0.0	0.0	0.0
				94.00000	40.00000	68.24000	0.0	0.0	0.0
				95.00000	40.00000	68.24000	0.0	0.0	0.0
				96.00000	40.00000	68.24000	0.0	0.0	0.0
				97.00000	40.00000	68.24000	0.0	0.0	0.0
				98.00000	40.00000	68.24000	0.0	0.0	0.0
				99.00000	40.00000	68.24000	0.0	0.0	0.0
				100.00000	40.00000	68.24000	0.0	0.0	0.0
				0.00000	41.00000	68.24000	0.0	0.0	0.0
				1.00000	41.00000	68.24000	0.0	0.0	0.0
				2.00000	41.00000	68.24000	0.0	0.0	0.0
				3.00000	41.00000	68.24000	0.0	0.0	0.0
				4.00000	41.00000	68.24000	0.0	0.0	0.0
				5.00000	41.00000	68.24000	0.0	0.0	0.0
				6.00000	41.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
7.00000		41.00000		68.24000			0.0	0.0	0.0
8.00000		41.00000		68.24000			0.0	0.0	0.0
9.00000		41.00000		68.24000			0.0	0.0	0.0
10.00000		41.00000		68.24000			0.0	0.0	0.0
11.00000		41.00000		68.24000			0.0	0.0	0.0
12.00000		41.00000		68.24000			0.0	0.0	0.0
13.00000		41.00000		68.24000			0.0	0.0	0.0
14.00000		41.00000		68.24000			0.0	0.0	0.0
15.00000		41.00000		68.24000			0.0	0.0	0.0
16.00000		41.00000		68.24000			0.0	0.0	0.0
17.00000		41.00000		68.24000			0.0	0.0	0.0
18.00000		41.00000		68.24000			0.0	0.0	0.0
19.00000		41.00000		68.24000			0.0	0.0	0.0
20.00000		41.00000		68.24000			0.0	0.0	0.0
21.00000		41.00000		68.24000			0.0	0.0	0.0
22.00000		41.00000		68.24000			0.0	0.0	0.0
23.00000		41.00000		68.24000			0.0	0.0	0.0
24.00000		41.00000		68.24000			0.0	0.0	0.0
25.00000		41.00000		68.24000			0.0	0.0	0.0
26.00000		41.00000		68.24000			0.0	0.0	0.0
27.00000		41.00000		68.24000			0.0	0.0	0.0
28.00000		41.00000		68.24000			0.0	0.0	0.0
29.00000		41.00000		68.24000			0.0	0.0	0.0
30.00000		41.00000		68.24000			0.0	0.0	0.0
31.00000		41.00000		68.24000			0.0	0.0	0.0
32.00000		41.00000		68.24000			0.0	0.0	0.0
33.00000		41.00000		68.24000			0.0	0.0	0.0
34.00000		41.00000		68.24000			0.0	0.0	0.0
35.00000		41.00000		68.24000			0.0	0.0	0.0
36.00000		41.00000		68.24000			0.0	0.0	0.0
37.00000		41.00000		68.24000			0.0	0.0	0.0
38.00000		41.00000		68.24000			0.0	0.0	0.0
39.00000		41.00000		68.24000			0.0	0.0	0.0
40.00000		41.00000		68.24000			0.0	0.0	0.0
41.00000		41.00000		68.24000			0.0	0.0	0.0
42.00000		41.00000		68.24000			0.0	0.0	0.0
43.00000		41.00000		68.24000			0.0	0.0	0.0
44.00000		41.00000		68.24000			0.0	0.0	0.0
45.00000		41.00000		68.24000			0.0	0.0	0.0
46.00000		41.00000		68.24000			0.0	0.0	0.0
47.00000		41.00000		68.24000			0.0	0.0	0.0
48.00000		41.00000		68.24000			0.0	0.0	0.0
49.00000		41.00000		68.24000			0.0	0.0	0.0
50.00000		41.00000		68.24000			0.0	0.18235	0.34636
51.00000		41.00000		68.24000			0.0	0.52540	0.99796
52.00000		41.00000		68.24000			0.0	0.52540	0.99796
53.00000		41.00000		68.24000			0.0	0.52540	0.99796
54.00000		41.00000		68.24000			0.0	0.52540	0.99796
55.00000		41.00000		68.24000			0.0	0.52540	0.99796
56.00000		41.00000		68.24000			0.0	0.52540	0.99796
57.00000		41.00000		68.24000			0.0	0.52540	0.99796
58.00000		41.00000		68.24000			0.0	0.52540	0.99796
59.00000		41.00000		68.24000			0.0	0.0	0.0
60.00000		41.00000		68.24000			0.0	0.0	0.0
61.00000		41.00000		68.24000			0.0	0.0	0.0
62.00000		41.00000		68.24000			0.0	0.0	0.0
63.00000		41.00000		68.24000			0.0	0.0	0.0
64.00000		41.00000		68.24000			-0.0034913	0.0057682	0.11611
65.00000		41.00000		68.24000			0.0	0.0	0.0
66.00000		41.00000		68.24000			-0.12918	0.87845	0.97598
67.00000		41.00000		68.24000			-0.12167	0.82735	0.98483
68.00000		41.00000		68.24000			-0.11415	0.77624	0.99353
69.00000		41.00000		68.24000			0.0	0.0	0.0
70.00000		41.00000		68.24000			0.0	0.0	0.0
71.00000		41.00000		68.24000			0.0	0.0	0.0
72.00000		41.00000		68.24000			0.0	0.0	0.0
73.00000		41.00000		68.24000			0.0	0.0	0.0
74.00000		41.00000		68.24000			0.0	0.0	0.0
75.00000		41.00000		68.24000			0.0	0.0	0.0
76.00000		41.00000		68.24000			0.0	0.0	0.0
77.00000		41.00000		68.24000			0.0	0.0	0.0
78.00000		41.00000		68.24000			0.0	0.0	0.0
79.00000		41.00000		68.24000			0.0	0.0	0.0
80.00000		41.00000		68.24000			0.0	0.0	0.0
81.00000		41.00000		68.24000			0.0	0.0	0.0
82.00000		41.00000		68.24000			0.0	0.0	0.0
83.00000		41.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				84.00000	41.00000	68.24000	0.0	0.0	0.0
				85.00000	41.00000	68.24000	0.0	0.0	0.0
				86.00000	41.00000	68.24000	0.0	0.0	0.0
				87.00000	41.00000	68.24000	0.0	0.0	0.0
				88.00000	41.00000	68.24000	0.0	0.0	0.0
				89.00000	41.00000	68.24000	0.0	0.0	0.0
				90.00000	41.00000	68.24000	0.0	0.0	0.0
				91.00000	41.00000	68.24000	0.0	0.0	0.0
				92.00000	41.00000	68.24000	0.0	0.0	0.0
				93.00000	41.00000	68.24000	0.0	0.0	0.0
				94.00000	41.00000	68.24000	0.0	0.0	0.0
				95.00000	41.00000	68.24000	0.0	0.0	0.0
				96.00000	41.00000	68.24000	0.0	0.0	0.0
				97.00000	41.00000	68.24000	0.0	0.0	0.0
				98.00000	41.00000	68.24000	0.0	0.0	0.0
				99.00000	41.00000	68.24000	0.0	0.0	0.0
				100.00000	41.00000	68.24000	0.0	0.0	0.0
				0.00000	42.00000	68.24000	0.0	0.0	0.0
				1.00000	42.00000	68.24000	0.0	0.0	0.0
				2.00000	42.00000	68.24000	0.0	0.0	0.0
				3.00000	42.00000	68.24000	0.0	0.0	0.0
				4.00000	42.00000	68.24000	0.0	0.0	0.0
				5.00000	42.00000	68.24000	0.0	0.0	0.0
				6.00000	42.00000	68.24000	0.0	0.0	0.0
				7.00000	42.00000	68.24000	0.0	0.0	0.0
				8.00000	42.00000	68.24000	0.0	0.0	0.0
				9.00000	42.00000	68.24000	0.0	0.0	0.0
				10.00000	42.00000	68.24000	0.0	0.0	0.0
				11.00000	42.00000	68.24000	0.0	0.0	0.0
				12.00000	42.00000	68.24000	0.0	0.0	0.0
				13.00000	42.00000	68.24000	0.0	0.0	0.0
				14.00000	42.00000	68.24000	0.0	0.0	0.0
				15.00000	42.00000	68.24000	0.0	0.0	0.0
				16.00000	42.00000	68.24000	0.0	0.0	0.0
				17.00000	42.00000	68.24000	0.0	0.0	0.0
				18.00000	42.00000	68.24000	0.0	0.0	0.0
				19.00000	42.00000	68.24000	0.0	0.0	0.0
				20.00000	42.00000	68.24000	0.0	0.0	0.0
				21.00000	42.00000	68.24000	0.0	0.0	0.0
				22.00000	42.00000	68.24000	0.0	0.0	0.0
				23.00000	42.00000	68.24000	0.0	0.0	0.0
				24.00000	42.00000	68.24000	0.0	0.0	0.0
				25.00000	42.00000	68.24000	0.0	0.0	0.0
				26.00000	42.00000	68.24000	0.0	0.0	0.0
				27.00000	42.00000	68.24000	0.0	0.0	0.0
				28.00000	42.00000	68.24000	0.0	0.0	0.0
				29.00000	42.00000	68.24000	0.0	0.0	0.0
				30.00000	42.00000	68.24000	0.0	0.0	0.0
				31.00000	42.00000	68.24000	0.0	0.0	0.0
				32.00000	42.00000	68.24000	0.0	0.0	0.0
				33.00000	42.00000	68.24000	0.0	0.0	0.0
				34.00000	42.00000	68.24000	0.0	0.0	0.0
				35.00000	42.00000	68.24000	0.0	0.0	0.0
				36.00000	42.00000	68.24000	0.0	0.0	0.0
				37.00000	42.00000	68.24000	0.0	0.0	0.0
				38.00000	42.00000	68.24000	0.0	0.0	0.0
				39.00000	42.00000	68.24000	0.0	0.0	0.0
				40.00000	42.00000	68.24000	0.0	0.0	0.0
				41.00000	42.00000	68.24000	0.0	0.0	0.0
				42.00000	42.00000	68.24000	0.0	0.0	0.0
				43.00000	42.00000	68.24000	0.0	0.0	0.0
				44.00000	42.00000	68.24000	0.0	0.0	0.0
				45.00000	42.00000	68.24000	0.0	0.0	0.0
				46.00000	42.00000	68.24000	0.0	0.0	0.0
				47.00000	42.00000	68.24000	0.0	0.0	0.0
				48.00000	42.00000	68.24000	0.0	0.0	0.0
				49.00000	42.00000	68.24000	-428.18E-6	0.0040677	0.27053
				50.00000	42.00000	68.24000	0.0	0.30556	0.33917
				51.00000	42.00000	68.24000	0.0	0.88040	0.97724
				52.00000	42.00000	68.24000	0.0	0.88040	0.97724
				53.00000	42.00000	68.24000	0.0	0.88040	0.97724
				54.00000	42.00000	68.24000	0.0	0.88040	0.97724
				55.00000	42.00000	68.24000	0.0	0.88040	0.97724
				56.00000	42.00000	68.24000	0.0	0.88040	0.97724
				57.00000	42.00000	68.24000	0.0	0.88040	0.97724
				58.00000	42.00000	68.24000	0.0	0.88040	0.97724
				59.00000	42.00000	68.24000	0.17708	0.17000	0.37306



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
60.00000		42.00000		68.24000			0.0	0.0	0.0
61.00000		42.00000		68.24000			0.0	0.0	0.0
62.00000		42.00000		68.24000			0.0	0.0	0.0
63.00000		42.00000		68.24000			-0.25593	0.42284	0.37393
64.00000		42.00000		68.24000			-0.16075	0.26559	0.36447
65.00000		42.00000		68.24000			-0.065567	0.10833	0.33429
66.00000		42.00000		68.24000			-0.18028	1.2259	0.97533
67.00000		42.00000		68.24000			-0.17277	1.1748	0.96435
68.00000		42.00000		68.24000			-0.16525	1.1237	0.95815
69.00000		42.00000		68.24000			0.0	0.0	0.0
70.00000		42.00000		68.24000			0.0	0.0	0.0
71.00000		42.00000		68.24000			0.0	0.0	0.0
72.00000		42.00000		68.24000			0.0	0.0	0.0
73.00000		42.00000		68.24000			0.0	0.0	0.0
74.00000		42.00000		68.24000			0.0	0.0	0.0
75.00000		42.00000		68.24000			0.0	0.0	0.0
76.00000		42.00000		68.24000			0.0	0.0	0.0
77.00000		42.00000		68.24000			0.0	0.0	0.0
78.00000		42.00000		68.24000			0.0	0.0	0.0
79.00000		42.00000		68.24000			0.0	0.0	0.0
80.00000		42.00000		68.24000			0.0	0.0	0.0
81.00000		42.00000		68.24000			0.0	0.0	0.0
82.00000		42.00000		68.24000			0.0	0.0	0.0
83.00000		42.00000		68.24000			0.0	0.0	0.0
84.00000		42.00000		68.24000			0.0	0.0	0.0
85.00000		42.00000		68.24000			0.0	0.0	0.0
86.00000		42.00000		68.24000			0.0	0.0	0.0
87.00000		42.00000		68.24000			0.0	0.0	0.0
88.00000		42.00000		68.24000			0.0	0.0	0.0
89.00000		42.00000		68.24000			0.0	0.0	0.0
90.00000		42.00000		68.24000			0.0	0.0	0.0
91.00000		42.00000		68.24000			0.0	0.0	0.0
92.00000		42.00000		68.24000			0.0	0.0	0.0
93.00000		42.00000		68.24000			0.0	0.0	0.0
94.00000		42.00000		68.24000			0.0	0.0	0.0
95.00000		42.00000		68.24000			0.0	0.0	0.0
96.00000		42.00000		68.24000			0.0	0.0	0.0
97.00000		42.00000		68.24000			0.0	0.0	0.0
98.00000		42.00000		68.24000			0.0	0.0	0.0
99.00000		42.00000		68.24000			0.0	0.0	0.0
100.00000		42.00000		68.24000			0.0	0.0	0.0
0.00000		43.00000		68.24000			0.0	0.0	0.0
1.00000		43.00000		68.24000			0.0	0.0	0.0
2.00000		43.00000		68.24000			0.0	0.0	0.0
3.00000		43.00000		68.24000			0.0	0.0	0.0
4.00000		43.00000		68.24000			0.0	0.0	0.0
5.00000		43.00000		68.24000			0.0	0.0	0.0
6.00000		43.00000		68.24000			0.0	0.0	0.0
7.00000		43.00000		68.24000			0.0	0.0	0.0
8.00000		43.00000		68.24000			0.0	0.0	0.0
9.00000		43.00000		68.24000			0.0	0.0	0.0
10.00000		43.00000		68.24000			0.0	0.0	0.0
11.00000		43.00000		68.24000			0.0	0.0	0.0
12.00000		43.00000		68.24000			0.0	0.0	0.0
13.00000		43.00000		68.24000			0.0	0.0	0.0
14.00000		43.00000		68.24000			0.0	0.0	0.0
15.00000		43.00000		68.24000			0.0	0.0	0.0
16.00000		43.00000		68.24000			0.0	0.0	0.0
17.00000		43.00000		68.24000			0.0	0.0	0.0
18.00000		43.00000		68.24000			0.0	0.0	0.0
19.00000		43.00000		68.24000			0.0	0.0	0.0
20.00000		43.00000		68.24000			0.0	0.0	0.0
21.00000		43.00000		68.24000			0.0	0.0	0.0
22.00000		43.00000		68.24000			0.0	0.0	0.0
23.00000		43.00000		68.24000			0.0	0.0	0.0
24.00000		43.00000		68.24000			0.0	0.0	0.0
25.00000		43.00000		68.24000			0.0	0.0	0.0
26.00000		43.00000		68.24000			0.0	0.0	0.0
27.00000		43.00000		68.24000			0.0	0.0	0.0
28.00000		43.00000		68.24000			0.0	0.0	0.0
29.00000		43.00000		68.24000			0.0	0.0	0.0
30.00000		43.00000		68.24000			0.0	0.0	0.0
31.00000		43.00000		68.24000			0.0	0.0	0.0
32.00000		43.00000		68.24000			0.0	0.0	0.0
33.00000		43.00000		68.24000			0.0	0.0	0.0
34.00000		43.00000		68.24000			0.0	0.0	0.0
35.00000		43.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
36.00000		43.00000		68.24000			0.0	0.0	0.0
37.00000		43.00000		68.24000			0.0	0.0	0.0
38.00000		43.00000		68.24000			0.0	0.0	0.0
39.00000		43.00000		68.24000			0.0	0.0	0.0
40.00000		43.00000		68.24000			0.0	0.0	0.0
41.00000		43.00000		68.24000			0.0	0.0	0.0
42.00000		43.00000		68.24000			0.0	0.0	0.0
43.00000		43.00000		68.24000			0.0	0.0	0.0
44.00000		43.00000		68.24000			0.0	0.0	0.0
45.00000		43.00000		68.24000			0.0	0.0	0.0
46.00000		43.00000		68.24000			0.0	0.0	0.0
47.00000		43.00000		68.24000			0.0	0.0	0.0
48.00000		43.00000		68.24000			0.0	0.0	0.0
49.00000		43.00000		68.24000			-0.037387	0.35518	0.91562
50.00000		43.00000		68.24000			-0.033497	0.74698	1.2207
51.00000		43.00000		68.24000			0.0	1.2354	0.97437
52.00000		43.00000		68.24000			0.0	1.2354	0.97437
53.00000		43.00000		68.24000			0.0	1.2354	0.97437
54.00000		43.00000		68.24000			0.0	1.2354	0.97437
55.00000		43.00000		68.24000			0.0	1.2354	0.97437
56.00000		43.00000		68.24000			0.0	1.2354	0.97437
57.00000		43.00000		68.24000			0.0	1.2354	0.97437
58.00000		43.00000		68.24000			0.16969	1.3983	1.3478
59.00000		43.00000		68.24000			0.35443	0.34025	0.37259
60.00000		43.00000		68.24000			0.53917	0.51761	0.70214
61.00000		43.00000		68.24000			0.0	0.0	0.0
62.00000		43.00000		68.24000			0.0	0.0	0.0
63.00000		43.00000		68.24000			-0.41319	0.68266	0.81237
64.00000		43.00000		68.24000			-0.31801	0.52540	0.47664
65.00000		43.00000		68.24000			-0.22282	0.36815	0.35570
66.00000		43.00000		68.24000			-0.35903	1.7843	1.5798
67.00000		43.00000		68.24000			-0.25633	1.5759	1.4035
68.00000		43.00000		68.24000			-0.21636	1.4712	1.1078
69.00000		43.00000		68.24000			0.0	0.0	0.0
70.00000		43.00000		68.24000			0.0	0.0	0.0
71.00000		43.00000		68.24000			0.0	0.0	0.0
72.00000		43.00000		68.24000			0.0	0.0	0.0
73.00000		43.00000		68.24000			0.0	0.0	0.0
74.00000		43.00000		68.24000			0.0	0.0	0.0
75.00000		43.00000		68.24000			0.0	0.0	0.0
76.00000		43.00000		68.24000			0.0	0.0	0.0
77.00000		43.00000		68.24000			0.0	0.0	0.0
78.00000		43.00000		68.24000			0.0	0.0	0.0
79.00000		43.00000		68.24000			0.0	0.0	0.0
80.00000		43.00000		68.24000			0.0	0.0	0.0
81.00000		43.00000		68.24000			0.0	0.0	0.0
82.00000		43.00000		68.24000			0.0	0.0	0.0
83.00000		43.00000		68.24000			0.0	0.0	0.0
84.00000		43.00000		68.24000			0.0	0.0	0.0
85.00000		43.00000		68.24000			0.0	0.0	0.0
86.00000		43.00000		68.24000			0.0	0.0	0.0
87.00000		43.00000		68.24000			0.0	0.0	0.0
88.00000		43.00000		68.24000			0.0	0.0	0.0
89.00000		43.00000		68.24000			0.0	0.0	0.0
90.00000		43.00000		68.24000			0.0	0.0	0.0
91.00000		43.00000		68.24000			0.0	0.0	0.0
92.00000		43.00000		68.24000			0.0	0.0	0.0
93.00000		43.00000		68.24000			0.0	0.0	0.0
94.00000		43.00000		68.24000			0.0	0.0	0.0
95.00000		43.00000		68.24000			0.0	0.0	0.0
96.00000		43.00000		68.24000			0.0	0.0	0.0
97.00000		43.00000		68.24000			0.0	0.0	0.0
98.00000		43.00000		68.24000			0.0	0.0	0.0
99.00000		43.00000		68.24000			0.0	0.0	0.0
100.00000		43.00000		68.24000			0.0	0.0	0.0
0.00000		44.00000		68.24000			0.0	0.0	0.0
1.00000		44.00000		68.24000			0.0	0.0	0.0
2.00000		44.00000		68.24000			0.0	0.0	0.0
3.00000		44.00000		68.24000			0.0	0.0	0.0
4.00000		44.00000		68.24000			0.0	0.0	0.0
5.00000		44.00000		68.24000			0.0	0.0	0.0
6.00000		44.00000		68.24000			0.0	0.0	0.0
7.00000		44.00000		68.24000			0.0	0.0	0.0
8.00000		44.00000		68.24000			0.0	0.0	0.0
9.00000		44.00000		68.24000			0.0	0.0	0.0
10.00000		44.00000		68.24000			0.0	0.0	0.0
11.00000		44.00000		68.24000			0.0	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
12.00000		44.00000		68.24000			0.0	0.0	0.0
13.00000		44.00000		68.24000			0.0	0.0	0.0
14.00000		44.00000		68.24000			0.0	0.0	0.0
15.00000		44.00000		68.24000			0.0	0.0	0.0
16.00000		44.00000		68.24000			0.0	0.0	0.0
17.00000		44.00000		68.24000			0.0	0.0	0.0
18.00000		44.00000		68.24000			0.0	0.0	0.0
19.00000		44.00000		68.24000			0.0	0.0	0.0
20.00000		44.00000		68.24000			0.0	0.0	0.0
21.00000		44.00000		68.24000			0.0	0.0	0.0
22.00000		44.00000		68.24000			0.0	0.0	0.0
23.00000		44.00000		68.24000			0.0	0.0	0.0
24.00000		44.00000		68.24000			0.0	0.0	0.0
25.00000		44.00000		68.24000			0.0	0.0	0.0
26.00000		44.00000		68.24000			0.0	0.0	0.0
27.00000		44.00000		68.24000			0.0	0.0	0.0
28.00000		44.00000		68.24000			0.0	0.0	0.0
29.00000		44.00000		68.24000			0.0	0.0	0.0
30.00000		44.00000		68.24000			0.0	0.0	0.0
31.00000		44.00000		68.24000			0.0	0.0	0.0
32.00000		44.00000		68.24000			0.0	0.0	0.0
33.00000		44.00000		68.24000			0.0	0.0	0.0
34.00000		44.00000		68.24000			0.0	0.0	0.0
35.00000		44.00000		68.24000			0.0	0.0	0.0
36.00000		44.00000		68.24000			0.0	0.0	0.0
37.00000		44.00000		68.24000			0.0	0.0	0.0
38.00000		44.00000		68.24000			0.0	0.0	0.0
39.00000		44.00000		68.24000			0.0	0.0	0.0
40.00000		44.00000		68.24000			0.0	0.0	0.0
41.00000		44.00000		68.24000			0.0	0.0	0.0
42.00000		44.00000		68.24000			0.0	0.0	0.0
43.00000		44.00000		68.24000			0.0	0.0	0.0
44.00000		44.00000		68.24000			0.0	0.0	0.0
45.00000		44.00000		68.24000			0.0	0.0	0.0
46.00000		44.00000		68.24000			0.0	0.0	0.0
47.00000		44.00000		68.24000			0.0	0.0	0.0
48.00000		44.00000		68.24000			0.0	0.0	0.0
49.00000		44.00000		68.24000			-0.074346	0.70629	1.0038
50.00000		44.00000		68.24000			-0.070456	1.2213	1.4259
51.00000		44.00000		68.24000			0.0	1.5904	1.2069
52.00000		44.00000		68.24000			0.0	1.5904	1.2069
53.00000		44.00000		68.24000			0.0	1.5904	1.2069
54.00000		44.00000		68.24000			0.0	1.5904	1.2069
55.00000		44.00000		68.24000			0.0	1.5904	1.2069
56.00000		44.00000		68.24000			0.0	1.5904	1.2069
57.00000		44.00000		68.24000			0.16230	1.7462	1.5801
58.00000		44.00000		68.24000			0.34704	1.9236	1.5752
59.00000		44.00000		68.24000			0.53178	0.51051	0.68116
60.00000		44.00000		68.24000			0.11897	0.88892	2.1653
61.00000		44.00000		68.24000			0.71368	1.1884	2.3052
62.00000		44.00000		68.24000			-1.0385	1.4651	1.9788
63.00000		44.00000		68.24000			-0.68752	1.1359	1.4954
64.00000		44.00000		68.24000			-0.50297	0.83099	1.1035
65.00000		44.00000		68.24000			-0.67008	2.6000	2.5189
66.00000		44.00000		68.24000			-0.56739	2.3916	2.1518
67.00000		44.00000		68.24000			-0.27497	1.8698	1.6452
68.00000		44.00000		68.24000			-0.26746	1.8187	1.5543
69.00000		44.00000		68.24000			0.0	0.0	0.0
70.00000		44.00000		68.24000			0.0	0.0	0.0
71.00000		44.00000		68.24000			0.0	0.0	0.0
72.00000		44.00000		68.24000			0.0	0.0	0.0
73.00000		44.00000		68.24000			0.0	0.0	0.0
74.00000		44.00000		68.24000			0.0	0.0	0.0
75.00000		44.00000		68.24000			0.0	0.0	0.0
76.00000		44.00000		68.24000			0.0	0.0	0.0
77.00000		44.00000		68.24000			0.0	0.0	0.0
78.00000		44.00000		68.24000			0.0	0.0	0.0
79.00000		44.00000		68.24000			0.0	0.0	0.0
80.00000		44.00000		68.24000			0.0	0.0	0.0
81.00000		44.00000		68.24000			0.0	0.0	0.0
82.00000		44.00000		68.24000			0.0	0.0	0.0
83.00000		44.00000		68.24000			0.0	0.0	0.0
84.00000		44.00000		68.24000			0.0	0.0	0.0
85.00000		44.00000		68.24000			0.0	0.0	0.0
86.00000		44.00000		68.24000			0.0	0.0	0.0
87.00000		44.00000		68.24000			0.0	0.0	0.0
88.00000		44.00000		68.24000			0.0	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
89.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
90.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
91.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
92.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
93.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
94.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
95.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
96.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
97.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
98.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
99.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
100.00000		44.00000		44.00000	68.24000	0.0	0.0	0.0	0.0
0.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
1.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
2.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
3.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
4.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
5.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
6.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
7.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
8.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
9.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
10.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
11.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
12.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
13.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
14.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
15.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
16.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
17.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
18.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
19.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
20.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
21.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
22.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
23.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
24.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
25.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
26.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
27.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
28.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
29.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
30.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
31.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
32.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
33.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
34.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
35.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
36.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
37.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
38.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
39.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
40.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
41.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
42.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
43.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
44.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
45.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
46.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
47.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
48.00000		45.00000		45.00000	68.24000	0.0	0.0	0.0	0.0
49.00000		45.00000		45.00000	68.24000	-0.11130	1.0574	0.95647	
50.00000		45.00000		45.00000	68.24000	-0.099568	1.6972	1.8175	
51.00000		45.00000		45.00000	68.24000	0.34919	2.0152	2.5858	
52.00000		45.00000		45.00000	68.24000	0.0	1.9454	1.7494	
53.00000		45.00000		45.00000	68.24000	0.0	1.9454	1.7494	
54.00000		45.00000		45.00000	68.24000	0.0	1.9454	1.7494	
55.00000		45.00000		45.00000	68.24000	0.0	1.9454	1.7494	
56.00000		45.00000		45.00000	68.24000	0.0	1.9454	1.7494	
57.00000		45.00000		45.00000	68.24000	0.0	1.9454	1.7494	
58.00000		45.00000		45.00000	68.24000	0.52439	2.4488	2.4101	
59.00000		45.00000		45.00000	68.24000	0.79187	0.76020	1.2598	
60.00000		45.00000		45.00000	68.24000	-0.26168	1.3361	2.5688	
61.00000		45.00000		45.00000	68.24000				Point lies within an excavation.
62.00000		45.00000		45.00000	68.24000				Point lies within an excavation.
63.00000		45.00000		45.00000	68.24000				Point lies within an excavation.
64.00000		45.00000		45.00000	68.24000	-0.80788	1.3348	1.5732	



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14a Keats Grove
Re-Entrant Corner Analysis
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				65.00000	45.00000	68.24000	-0.96705	3.3672	4.0220
				66.00000	45.00000	68.24000	-0.77574	2.9989	3.4588
				67.00000	45.00000	68.24000	-0.32607	2.2173	2.3931
				68.00000	45.00000	68.24000	-0.31856	2.1662	2.2725
				69.00000	45.00000	68.24000	0.0	0.0	0.0
				70.00000	45.00000	68.24000	0.0	0.0	0.0
				71.00000	45.00000	68.24000	0.0	0.0	0.0
				72.00000	45.00000	68.24000	0.0	0.0	0.0
				73.00000	45.00000	68.24000	0.0	0.0	0.0
				74.00000	45.00000	68.24000	0.0	0.0	0.0
				75.00000	45.00000	68.24000	0.0	0.0	0.0
				76.00000	45.00000	68.24000	0.0	0.0	0.0
				77.00000	45.00000	68.24000	0.0	0.0	0.0
				78.00000	45.00000	68.24000	0.0	0.0	0.0
				79.00000	45.00000	68.24000	0.0	0.0	0.0
				80.00000	45.00000	68.24000	0.0	0.0	0.0
				81.00000	45.00000	68.24000	0.0	0.0	0.0
				82.00000	45.00000	68.24000	0.0	0.0	0.0
				83.00000	45.00000	68.24000	0.0	0.0	0.0
				84.00000	45.00000	68.24000	0.0	0.0	0.0
				85.00000	45.00000	68.24000	0.0	0.0	0.0
				86.00000	45.00000	68.24000	0.0	0.0	0.0
				87.00000	45.00000	68.24000	0.0	0.0	0.0
				88.00000	45.00000	68.24000	0.0	0.0	0.0
				89.00000	45.00000	68.24000	0.0	0.0	0.0
				90.00000	45.00000	68.24000	0.0	0.0	0.0
				91.00000	45.00000	68.24000	0.0	0.0	0.0
				92.00000	45.00000	68.24000	0.0	0.0	0.0
				93.00000	45.00000	68.24000	0.0	0.0	0.0
				94.00000	45.00000	68.24000	0.0	0.0	0.0
				95.00000	45.00000	68.24000	0.0	0.0	0.0
				96.00000	45.00000	68.24000	0.0	0.0	0.0
				97.00000	45.00000	68.24000	0.0	0.0	0.0
				98.00000	45.00000	68.24000	0.0	0.0	0.0
				99.00000	45.00000	68.24000	0.0	0.0	0.0
				100.00000	45.00000	68.24000	0.0	0.0	0.0
				0.00000	46.00000	68.24000	0.0	0.0	0.0
				1.00000	46.00000	68.24000	0.0	0.0	0.0
				2.00000	46.00000	68.24000	0.0	0.0	0.0
				3.00000	46.00000	68.24000	0.0	0.0	0.0
				4.00000	46.00000	68.24000	0.0	0.0	0.0
				5.00000	46.00000	68.24000	0.0	0.0	0.0
				6.00000	46.00000	68.24000	0.0	0.0	0.0
				7.00000	46.00000	68.24000	0.0	0.0	0.0
				8.00000	46.00000	68.24000	0.0	0.0	0.0
				9.00000	46.00000	68.24000	0.0	0.0	0.0
				10.00000	46.00000	68.24000	0.0	0.0	0.0
				11.00000	46.00000	68.24000	0.0	0.0	0.0
				12.00000	46.00000	68.24000	0.0	0.0	0.0
				13.00000	46.00000	68.24000	0.0	0.0	0.0
				14.00000	46.00000	68.24000	0.0	0.0	0.0
				15.00000	46.00000	68.24000	0.0	0.0	0.0
				16.00000	46.00000	68.24000	0.0	0.0	0.0
				17.00000	46.00000	68.24000	0.0	0.0	0.0
				18.00000	46.00000	68.24000	0.0	0.0	0.0
				19.00000	46.00000	68.24000	0.0	0.0	0.0
				20.00000	46.00000	68.24000	0.0	0.0	0.0
				21.00000	46.00000	68.24000	0.0	0.0	0.0
				22.00000	46.00000	68.24000	0.0	0.0	0.0
				23.00000	46.00000	68.24000	0.0	0.0	0.0
				24.00000	46.00000	68.24000	0.0	0.0	0.0
				25.00000	46.00000	68.24000	0.0	0.0	0.0
				26.00000	46.00000	68.24000	0.0	0.0	0.0
				27.00000	46.00000	68.24000	0.0	0.0	0.0
				28.00000	46.00000	68.24000	0.0	0.0	0.0
				29.00000	46.00000	68.24000	0.0	0.0	0.0
				30.00000	46.00000	68.24000	0.0	0.0	0.0
				31.00000	46.00000	68.24000	0.0	0.0	0.0
				32.00000	46.00000	68.24000	0.0	0.0	0.0
				33.00000	46.00000	68.24000	0.0	0.0	0.0
				34.00000	46.00000	68.24000	0.0	0.0	0.0
				35.00000	46.00000	68.24000	0.0	0.0	0.0
				36.00000	46.00000	68.24000	0.0	0.0	0.0
				37.00000	46.00000	68.24000	0.0	0.0	0.0
				38.00000	46.00000	68.24000	0.0	0.0	0.0
				39.00000	46.00000	68.24000	0.0	0.0	0.0
				40.00000	46.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
41.00000		46.00000		68.24000			0.0	0.0	0.0
42.00000		46.00000		68.24000			0.0	0.0	0.0
43.00000		46.00000		68.24000			0.0	0.0	0.0
44.00000		46.00000		68.24000			0.0	0.0	0.0
45.00000		46.00000		68.24000			0.0	0.0	0.0
46.00000		46.00000		68.24000			0.0	0.0	0.0
47.00000		46.00000		68.24000			0.0	0.0	0.0
48.00000		46.00000		68.24000			0.0	0.0	0.0
49.00000		46.00000		68.24000			-0.14826	1.4085	1.0554
50.00000		46.00000		68.24000			-0.068257	2.1852	2.3546
51.00000		46.00000		68.24000			0.41746	2.3839	3.4030
52.00000		46.00000		68.24000			0.75881	2.4522	3.3956
53.00000		46.00000		68.24000			1.1002	2.5204	3.4023
54.00000		46.00000		68.24000			1.4415	2.5887	3.6783
55.00000		46.00000		68.24000			1.7828	2.6570	4.2864
56.00000		46.00000		68.24000			2.2311	2.7466	5.1132
57.00000		46.00000		68.24000			0.0	2.3004	2.5336
58.00000		46.00000		68.24000			0.0	2.3004	2.5336
59.00000		46.00000		68.24000			1.1358	1.0903	1.5691
60.00000		46.00000		68.24000					
61.00000		46.00000		68.24000					
62.00000		46.00000		68.24000					
63.00000		46.00000		68.24000					
64.00000		46.00000		68.24000					
65.00000		46.00000		68.24000			-1.3711	4.5447	4.8023
66.00000		46.00000		68.24000			-0.42823	2.9120	3.3770
67.00000		46.00000		68.24000			-0.41366	2.8129	3.2556
68.00000		46.00000		68.24000			-0.39909	2.7138	3.1314
69.00000		46.00000		68.24000			0.0	0.0	0.0
70.00000		46.00000		68.24000			0.0	0.0	0.0
71.00000		46.00000		68.24000			0.0	0.0	0.0
72.00000		46.00000		68.24000			0.0	0.0	0.0
73.00000		46.00000		68.24000			0.0	0.0	0.0
74.00000		46.00000		68.24000			0.0	0.0	0.0
75.00000		46.00000		68.24000			0.0	0.0	0.0
76.00000		46.00000		68.24000			0.0	0.0	0.0
77.00000		46.00000		68.24000			0.0	0.0	0.0
78.00000		46.00000		68.24000			0.0	0.0	0.0
79.00000		46.00000		68.24000			0.0	0.0	0.0
80.00000		46.00000		68.24000			0.0	0.0	0.0
81.00000		46.00000		68.24000			0.0	0.0	0.0
82.00000		46.00000		68.24000			0.0	0.0	0.0
83.00000		46.00000		68.24000			0.0	0.0	0.0
84.00000		46.00000		68.24000			0.0	0.0	0.0
85.00000		46.00000		68.24000			0.0	0.0	0.0
86.00000		46.00000		68.24000			0.0	0.0	0.0
87.00000		46.00000		68.24000			0.0	0.0	0.0
88.00000		46.00000		68.24000			0.0	0.0	0.0
89.00000		46.00000		68.24000			0.0	0.0	0.0
90.00000		46.00000		68.24000			0.0	0.0	0.0
91.00000		46.00000		68.24000			0.0	0.0	0.0
92.00000		46.00000		68.24000			0.0	0.0	0.0
93.00000		46.00000		68.24000			0.0	0.0	0.0
94.00000		46.00000		68.24000			0.0	0.0	0.0
95.00000		46.00000		68.24000			0.0	0.0	0.0
96.00000		46.00000		68.24000			0.0	0.0	0.0
97.00000		46.00000		68.24000			0.0	0.0	0.0
98.00000		46.00000		68.24000			0.0	0.0	0.0
99.00000		46.00000		68.24000			0.0	0.0	0.0
100.00000		46.00000		68.24000			0.0	0.0	0.0
0.00000		47.00000		68.24000			0.0	0.0	0.0
1.00000		47.00000		68.24000			0.0	0.0	0.0
2.00000		47.00000		68.24000			0.0	0.0	0.0
3.00000		47.00000		68.24000			0.0	0.0	0.0
4.00000		47.00000		68.24000			0.0	0.0	0.0
5.00000		47.00000		68.24000			0.0	0.0	0.0
6.00000		47.00000		68.24000			0.0	0.0	0.0
7.00000		47.00000		68.24000			0.0	0.0	0.0
8.00000		47.00000		68.24000			0.0	0.0	0.0
9.00000		47.00000		68.24000			0.0	0.0	0.0
10.00000		47.00000		68.24000			0.0	0.0	0.0
11.00000		47.00000		68.24000			0.0	0.0	0.0
12.00000		47.00000		68.24000			0.0	0.0	0.0
13.00000		47.00000		68.24000			0.0	0.0	0.0
14.00000		47.00000		68.24000			0.0	0.0	0.0
15.00000		47.00000		68.24000			0.0	0.0	0.0
16.00000		47.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
17.00000		47.00000	68.24000	17.00000	47.00000	68.24000	0.0	0.0	0.0
18.00000		47.00000	68.24000	18.00000	47.00000	68.24000	0.0	0.0	0.0
19.00000		47.00000	68.24000	19.00000	47.00000	68.24000	0.0	0.0	0.0
20.00000		47.00000	68.24000	20.00000	47.00000	68.24000	0.0	0.0	0.0
21.00000		47.00000	68.24000	21.00000	47.00000	68.24000	0.0	0.0	0.0
22.00000		47.00000	68.24000	22.00000	47.00000	68.24000	0.0	0.0	0.0
23.00000		47.00000	68.24000	23.00000	47.00000	68.24000	0.0	0.0	0.0
24.00000		47.00000	68.24000	24.00000	47.00000	68.24000	0.0	0.0	0.0
25.00000		47.00000	68.24000	25.00000	47.00000	68.24000	0.0	0.0	0.0
26.00000		47.00000	68.24000	26.00000	47.00000	68.24000	0.0	0.0	0.0
27.00000		47.00000	68.24000	27.00000	47.00000	68.24000	0.0	0.0	0.0
28.00000		47.00000	68.24000	28.00000	47.00000	68.24000	0.0	0.0	0.0
29.00000		47.00000	68.24000	29.00000	47.00000	68.24000	0.0	0.0	0.0
30.00000		47.00000	68.24000	30.00000	47.00000	68.24000	0.0	0.0	0.0
31.00000		47.00000	68.24000	31.00000	47.00000	68.24000	0.0	0.0	0.0
32.00000		47.00000	68.24000	32.00000	47.00000	68.24000	0.0	0.0	0.0
33.00000		47.00000	68.24000	33.00000	47.00000	68.24000	0.0	0.0	0.0
34.00000		47.00000	68.24000	34.00000	47.00000	68.24000	0.0	0.0	0.0
35.00000		47.00000	68.24000	35.00000	47.00000	68.24000	0.0	0.0	0.0
36.00000		47.00000	68.24000	36.00000	47.00000	68.24000	0.0	0.0	0.0
37.00000		47.00000	68.24000	37.00000	47.00000	68.24000	0.0	0.0	0.0
38.00000		47.00000	68.24000	38.00000	47.00000	68.24000	0.0	0.0	0.0
39.00000		47.00000	68.24000	39.00000	47.00000	68.24000	0.0	0.0	0.0
40.00000		47.00000	68.24000	40.00000	47.00000	68.24000	0.0	0.0	0.0
41.00000		47.00000	68.24000	41.00000	47.00000	68.24000	0.0	0.0	0.0
42.00000		47.00000	68.24000	42.00000	47.00000	68.24000	0.0	0.0	0.0
43.00000		47.00000	68.24000	43.00000	47.00000	68.24000	0.0	0.0	0.0
44.00000		47.00000	68.24000	44.00000	47.00000	68.24000	0.0	0.0	0.0
45.00000		47.00000	68.24000	45.00000	47.00000	68.24000	0.0	0.0	0.0
46.00000		47.00000	68.24000	46.00000	47.00000	68.24000	0.0	0.0	0.0
47.00000		47.00000	68.24000	47.00000	47.00000	68.24000	0.0	0.0	0.0
48.00000		47.00000	68.24000	48.00000	47.00000	68.24000	0.0	0.0	0.0
49.00000		47.00000	68.24000	49.00000	47.00000	68.24000	-0.18522	1.7596	1.4425
50.00000		47.00000	68.24000	50.00000	47.00000	68.24000	-0.036947	2.7807	3.1588
51.00000		47.00000	68.24000	51.00000	47.00000	68.24000	0.48573	3.0625	4.2889
52.00000		47.00000	68.24000	52.00000	47.00000	68.24000	0.82708	3.1308	4.2547
53.00000		47.00000	68.24000	53.00000	47.00000	68.24000	1.1684	3.1991	4.3009
54.00000		47.00000	68.24000	54.00000	47.00000	68.24000	1.5098	3.2674	4.6445
55.00000		47.00000	68.24000	55.00000	47.00000	68.24000	1.8511	3.3356	5.3096
56.00000		47.00000	68.24000	56.00000	47.00000	68.24000	2.3635	3.4381	6.1541
57.00000		47.00000	68.24000	57.00000	47.00000	68.24000	3.0254	3.5705	6.9010
58.00000		47.00000	68.24000	58.00000	47.00000	68.24000	3.6872	3.7028	7.1364
59.00000		47.00000	68.24000	59.00000	47.00000	68.24000	1.2146	1.4069	3.7439
60.00000		47.00000	68.24000	60.00000	47.00000	68.24000	Point lies within an excavation.		
61.00000		47.00000	68.24000	61.00000	47.00000	68.24000	Point lies within an excavation.		
62.00000		47.00000	68.24000	62.00000	47.00000	68.24000	Point lies within an excavation.		
63.00000		47.00000	68.24000	63.00000	47.00000	68.24000	Point lies within an excavation.		
64.00000		47.00000	68.24000	64.00000	47.00000	68.24000	Point lies within an excavation.		
65.00000		47.00000	68.24000	65.00000	47.00000	68.24000	-1.9872	2.6842	5.5146
66.00000		47.00000	68.24000	66.00000	47.00000	68.24000	-1.5073	2.9073	5.4351
67.00000		47.00000	68.24000	67.00000	47.00000	68.24000	-0.51275	3.4867	3.9883
68.00000		47.00000	68.24000	68.00000	47.00000	68.24000	0.0	0.0	0.0
69.00000		47.00000	68.24000	69.00000	47.00000	68.24000	0.0	0.0	0.0
70.00000		47.00000	68.24000	70.00000	47.00000	68.24000	0.0	0.0	0.0
71.00000		47.00000	68.24000	71.00000	47.00000	68.24000	0.0	0.0	0.0
72.00000		47.00000	68.24000	72.00000	47.00000	68.24000	0.0	0.0	0.0
73.00000		47.00000	68.24000	73.00000	47.00000	68.24000	0.0	0.0	0.0
74.00000		47.00000	68.24000	74.00000	47.00000	68.24000	0.0	0.0	0.0
75.00000		47.00000	68.24000	75.00000	47.00000	68.24000	0.0	0.0	0.0
76.00000		47.00000	68.24000	76.00000	47.00000	68.24000	0.0	0.0	0.0
77.00000		47.00000	68.24000	77.00000	47.00000	68.24000	0.0	0.0	0.0
78.00000		47.00000	68.24000	78.00000	47.00000	68.24000	0.0	0.0	0.0
79.00000		47.00000	68.24000	79.00000	47.00000	68.24000	0.0	0.0	0.0
80.00000		47.00000	68.24000	80.00000	47.00000	68.24000	0.0	0.0	0.0
81.00000		47.00000	68.24000	81.00000	47.00000	68.24000	0.0	0.0	0.0
82.00000		47.00000	68.24000	82.00000	47.00000	68.24000	0.0	0.0	0.0
83.00000		47.00000	68.24000	83.00000	47.00000	68.24000	0.0	0.0	0.0
84.00000		47.00000	68.24000	84.00000	47.00000	68.24000	0.0	0.0	0.0
85.00000		47.00000	68.24000	85.00000	47.00000	68.24000	0.0	0.0	0.0
86.00000		47.00000	68.24000	86.00000	47.00000	68.24000	0.0	0.0	0.0
87.00000		47.00000	68.24000	87.00000	47.00000	68.24000	0.0	0.0	0.0
88.00000		47.00000	68.24000	88.00000	47.00000	68.24000	0.0	0.0	0.0
89.00000		47.00000	68.24000	89.00000	47.00000	68.24000	0.0	0.0	0.0
90.00000		47.00000	68.24000	90.00000	47.00000	68.24000	0.0	0.0	0.0
91.00000		47.00000	68.24000	91.00000	47.00000	68.24000	0.0	0.0	0.0
92.00000		47.00000	68.24000	92.00000	47.00000	68.24000	0.0	0.0	0.0
93.00000		47.00000	68.24000	93.00000	47.00000	68.24000	0.0	0.0	0.0



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		Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				94.00000	47.00000	68.24000	0.0	0.0	0.0
				95.00000	47.00000	68.24000	0.0	0.0	0.0
				96.00000	47.00000	68.24000	0.0	0.0	0.0
				97.00000	47.00000	68.24000	0.0	0.0	0.0
				98.00000	47.00000	68.24000	0.0	0.0	0.0
				99.00000	47.00000	68.24000	0.0	0.0	0.0
				100.00000	47.00000	68.24000	0.0	0.0	0.0
				0.00000	48.00000	68.24000	0.0	0.0	0.0
				1.00000	48.00000	68.24000	0.0	0.0	0.0
				2.00000	48.00000	68.24000	0.0	0.0	0.0
				3.00000	48.00000	68.24000	0.0	0.0	0.0
				4.00000	48.00000	68.24000	0.0	0.0	0.0
				5.00000	48.00000	68.24000	0.0	0.0	0.0
				6.00000	48.00000	68.24000	0.0	0.0	0.0
				7.00000	48.00000	68.24000	0.0	0.0	0.0
				8.00000	48.00000	68.24000	0.0	0.0	0.0
				9.00000	48.00000	68.24000	0.0	0.0	0.0
				10.00000	48.00000	68.24000	0.0	0.0	0.0
				11.00000	48.00000	68.24000	0.0	0.0	0.0
				12.00000	48.00000	68.24000	0.0	0.0	0.0
				13.00000	48.00000	68.24000	0.0	0.0	0.0
				14.00000	48.00000	68.24000	0.0	0.0	0.0
				15.00000	48.00000	68.24000	0.0	0.0	0.0
				16.00000	48.00000	68.24000	0.0	0.0	0.0
				17.00000	48.00000	68.24000	0.0	0.0	0.0
				18.00000	48.00000	68.24000	0.0	0.0	0.0
				19.00000	48.00000	68.24000	0.0	0.0	0.0
				20.00000	48.00000	68.24000	0.0	0.0	0.0
				21.00000	48.00000	68.24000	0.0	0.0	0.0
				22.00000	48.00000	68.24000	0.0	0.0	0.0
				23.00000	48.00000	68.24000	0.0	0.0	0.0
				24.00000	48.00000	68.24000	0.0	0.0	0.0
				25.00000	48.00000	68.24000	0.0	0.0	0.0
				26.00000	48.00000	68.24000	0.0	0.0	0.0
				27.00000	48.00000	68.24000	0.0	0.0	0.0
				28.00000	48.00000	68.24000	0.0	0.0	0.0
				29.00000	48.00000	68.24000	0.0	0.0	0.0
				30.00000	48.00000	68.24000	0.0	0.0	0.0
				31.00000	48.00000	68.24000	0.0	0.0	0.0
				32.00000	48.00000	68.24000	0.0	0.0	0.0
				33.00000	48.00000	68.24000	0.0	0.0	0.0
				34.00000	48.00000	68.24000	0.0	0.0	0.0
				35.00000	48.00000	68.24000	0.0	0.0	0.0
				36.00000	48.00000	68.24000	0.0	0.0	0.0
				37.00000	48.00000	68.24000	0.0	0.0	0.0
				38.00000	48.00000	68.24000	0.0	0.0	0.0
				39.00000	48.00000	68.24000	0.0	0.0	0.0
				40.00000	48.00000	68.24000	0.0	0.0	0.0
				41.00000	48.00000	68.24000	0.0	0.0	0.0
				42.00000	48.00000	68.24000	0.0	0.0	0.0
				43.00000	48.00000	68.24000	0.0	0.0	0.0
				44.00000	48.00000	68.24000	0.0	0.0	0.0
				45.00000	48.00000	68.24000	0.0	0.0	0.0
				46.00000	48.00000	68.24000	0.0	0.0	0.0
				47.00000	48.00000	68.24000	0.0	0.0	0.0
				48.00000	48.00000	68.24000	0.0	0.0	0.0
				49.00000	48.00000	68.24000	-0.22218	2.1107	2.1200
				50.00000	48.00000	68.24000	-0.0056366	3.3844	4.1593
				51.00000	48.00000	68.24000	0.55400	3.7645	4.9785
				52.00000	48.00000	68.24000	0.89535	3.8328	4.9337
				53.00000	48.00000	68.24000	1.2367	3.9011	5.0282
				54.00000	48.00000	68.24000	1.5780	3.9693	5.4403
				55.00000	48.00000	68.24000	1.9194	4.0376	6.1557
				56.00000	48.00000	68.24000	2.4959	4.1529	7.0068
				57.00000	48.00000	68.24000	3.1577	4.2853	7.6940
				58.00000	48.00000	68.24000	3.8196	4.4177	7.7464
				59.00000	48.00000	68.24000	Point lies within an excavation.		
				60.00000	48.00000	68.24000	Point lies within an excavation.		
				61.00000	48.00000	68.24000	Point lies within an excavation.		
				62.00000	48.00000	68.24000	Point lies within an excavation.		
				63.00000	48.00000	68.24000	Point lies within an excavation.		
				64.00000	48.00000	68.24000	Point lies within an excavation.		
				65.00000	48.00000	68.24000	-3.2136	3.5810	7.2464
				66.00000	48.00000	68.24000	-2.1179	3.7873	5.9413
				67.00000	48.00000	68.24000	-1.5083	3.8544	5.0115
				68.00000	48.00000	68.24000	-0.099400	0.0	0.30566
				69.00000	48.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				70.00000	48.00000	68.24000	0.0	0.0	0.0
				71.00000	48.00000	68.24000	0.0	0.0	0.0
				72.00000	48.00000	68.24000	0.0	0.0	0.0
				73.00000	48.00000	68.24000	0.0	0.0	0.0
				74.00000	48.00000	68.24000	0.0	0.0	0.0
				75.00000	48.00000	68.24000	0.0	0.0	0.0
				76.00000	48.00000	68.24000	0.0	0.0	0.0
				77.00000	48.00000	68.24000	0.0	0.0	0.0
				78.00000	48.00000	68.24000	0.0	0.0	0.0
				79.00000	48.00000	68.24000	0.0	0.0	0.0
				80.00000	48.00000	68.24000	0.0	0.0	0.0
				81.00000	48.00000	68.24000	0.0	0.0	0.0
				82.00000	48.00000	68.24000	0.0	0.0	0.0
				83.00000	48.00000	68.24000	0.0	0.0	0.0
				84.00000	48.00000	68.24000	0.0	0.0	0.0
				85.00000	48.00000	68.24000	0.0	0.0	0.0
				86.00000	48.00000	68.24000	0.0	0.0	0.0
				87.00000	48.00000	68.24000	0.0	0.0	0.0
				88.00000	48.00000	68.24000	0.0	0.0	0.0
				89.00000	48.00000	68.24000	0.0	0.0	0.0
				90.00000	48.00000	68.24000	0.0	0.0	0.0
				91.00000	48.00000	68.24000	0.0	0.0	0.0
				92.00000	48.00000	68.24000	0.0	0.0	0.0
				93.00000	48.00000	68.24000	0.0	0.0	0.0
				94.00000	48.00000	68.24000	0.0	0.0	0.0
				95.00000	48.00000	68.24000	0.0	0.0	0.0
				96.00000	48.00000	68.24000	0.0	0.0	0.0
				97.00000	48.00000	68.24000	0.0	0.0	0.0
				98.00000	48.00000	68.24000	0.0	0.0	0.0
				99.00000	48.00000	68.24000	0.0	0.0	0.0
				100.00000	48.00000	68.24000	0.0	0.0	0.0
				0.00000	49.00000	68.24000	0.0	0.0	0.0
				1.00000	49.00000	68.24000	0.0	0.0	0.0
				2.00000	49.00000	68.24000	0.0	0.0	0.0
				3.00000	49.00000	68.24000	0.0	0.0	0.0
				4.00000	49.00000	68.24000	0.0	0.0	0.0
				5.00000	49.00000	68.24000	0.0	0.0	0.0
				6.00000	49.00000	68.24000	0.0	0.0	0.0
				7.00000	49.00000	68.24000	0.0	0.0	0.0
				8.00000	49.00000	68.24000	0.0	0.0	0.0
				9.00000	49.00000	68.24000	0.0	0.0	0.0
				10.00000	49.00000	68.24000	0.0	0.0	0.0
				11.00000	49.00000	68.24000	0.0	0.0	0.0
				12.00000	49.00000	68.24000	0.0	0.0	0.0
				13.00000	49.00000	68.24000	0.0	0.0	0.0
				14.00000	49.00000	68.24000	0.0	0.0	0.0
				15.00000	49.00000	68.24000	0.0	0.0	0.0
				16.00000	49.00000	68.24000	0.0	0.0	0.0
				17.00000	49.00000	68.24000	0.0	0.0	0.0
				18.00000	49.00000	68.24000	0.0	0.0	0.0
				19.00000	49.00000	68.24000	0.0	0.0	0.0
				20.00000	49.00000	68.24000	0.0	0.0	0.0
				21.00000	49.00000	68.24000	0.0	0.0	0.0
				22.00000	49.00000	68.24000	0.0	0.0	0.0
				23.00000	49.00000	68.24000	0.0	0.0	0.0
				24.00000	49.00000	68.24000	0.0	0.0	0.0
				25.00000	49.00000	68.24000	0.0	0.0	0.0
				26.00000	49.00000	68.24000	0.0	0.0	0.0
				27.00000	49.00000	68.24000	0.0	0.0	0.0
				28.00000	49.00000	68.24000	0.0	0.0	0.0
				29.00000	49.00000	68.24000	0.0	0.0	0.0
				30.00000	49.00000	68.24000	0.0	0.0	0.0
				31.00000	49.00000	68.24000	0.0	0.0	0.0
				32.00000	49.00000	68.24000	0.0	0.0	0.0
				33.00000	49.00000	68.24000	0.0	0.0	0.0
				34.00000	49.00000	68.24000	0.0	0.0	0.0
				35.00000	49.00000	68.24000	0.0	0.0	0.0
				36.00000	49.00000	68.24000	0.0	0.0	0.0
				37.00000	49.00000	68.24000	0.0	0.0	0.0
				38.00000	49.00000	68.24000	0.0	0.0	0.0
				39.00000	49.00000	68.24000	0.0	0.0	0.0
				40.00000	49.00000	68.24000	0.15210	0.017550	0.64355
				41.00000	49.00000	68.24000	0.50243	0.057973	0.99310
				42.00000	49.00000	68.24000	0.0	0.0	0.0
				43.00000	49.00000	68.24000	0.0	0.0	0.0
				44.00000	49.00000	68.24000	0.0	0.0	0.0
				45.00000	49.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
46.00000	49.00000	68.24000		46.00000	49.00000	68.24000	0.0	0.0	0.0
47.00000	49.00000	68.24000		47.00000	49.00000	68.24000	0.0	0.0	0.0
48.00000	49.00000	68.24000		48.00000	49.00000	68.24000	0.0	0.0	0.0
49.00000	49.00000	68.24000		49.00000	49.00000	68.24000	-1.1549	2.8340	3.8054
50.00000	49.00000	68.24000		50.00000	49.00000	68.24000	-2.1303	4.5237	5.3434
51.00000	49.00000	68.24000		51.00000	49.00000	68.24000	0.0	4.3421	4.1983
52.00000	49.00000	68.24000		52.00000	49.00000	68.24000	0.0	4.3421	4.1983
53.00000	49.00000	68.24000		53.00000	49.00000	68.24000	0.0	4.3421	4.1983
54.00000	49.00000	68.24000		54.00000	49.00000	68.24000	1.6463	4.6713	5.6719
55.00000	49.00000	68.24000		55.00000	49.00000	68.24000	1.9877	4.7396	6.4293
56.00000	49.00000	68.24000		56.00000	49.00000	68.24000	2.6282	4.8677	7.2763
57.00000	49.00000	68.24000		57.00000	49.00000	68.24000	3.2901	5.0001	7.8859
58.00000	49.00000	68.24000		58.00000	49.00000	68.24000	3.9520	5.1325	7.7209
59.00000	49.00000	68.24000		59.00000	49.00000	68.24000	Point lies within an excavation.		
60.00000	49.00000	68.24000		60.00000	49.00000	68.24000	Point lies within an excavation.		
61.00000	49.00000	68.24000		61.00000	49.00000	68.24000	Point lies within an excavation.		
62.00000	49.00000	68.24000		62.00000	49.00000	68.24000	Point lies within an excavation.		
63.00000	49.00000	68.24000		63.00000	49.00000	68.24000	Point lies within an excavation.		
64.00000	49.00000	68.24000		64.00000	49.00000	68.24000	Point lies within an excavation.		
65.00000	49.00000	68.24000		65.00000	49.00000	68.24000	Point lies within an excavation.		
66.00000	49.00000	68.24000		66.00000	49.00000	68.24000	-0.72548	4.9333	3.1641
67.00000	49.00000	68.24000		67.00000	49.00000	68.24000	-0.98685	4.6432	3.7883
68.00000	49.00000	68.24000		68.00000	49.00000	68.24000	-0.035964	-0.024898	0.21151
69.00000	49.00000	68.24000		69.00000	49.00000	68.24000	0.0	0.0	0.0
70.00000	49.00000	68.24000		70.00000	49.00000	68.24000	0.0	0.0	0.0
71.00000	49.00000	68.24000		71.00000	49.00000	68.24000	0.0	0.0	0.0
72.00000	49.00000	68.24000		72.00000	49.00000	68.24000	0.0	0.0	0.0
73.00000	49.00000	68.24000		73.00000	49.00000	68.24000	0.0	0.0	0.0
74.00000	49.00000	68.24000		74.00000	49.00000	68.24000	0.0	0.0	0.0
75.00000	49.00000	68.24000		75.00000	49.00000	68.24000	0.0	0.0	0.0
76.00000	49.00000	68.24000		76.00000	49.00000	68.24000	0.0	0.0	0.0
77.00000	49.00000	68.24000		77.00000	49.00000	68.24000	0.0	0.0	0.0
78.00000	49.00000	68.24000		78.00000	49.00000	68.24000	0.0	0.0	0.0
79.00000	49.00000	68.24000		79.00000	49.00000	68.24000	0.0	0.0	0.0
80.00000	49.00000	68.24000		80.00000	49.00000	68.24000	0.0	0.0	0.0
81.00000	49.00000	68.24000		81.00000	49.00000	68.24000	0.0	0.0	0.0
82.00000	49.00000	68.24000		82.00000	49.00000	68.24000	0.0	0.0	0.0
83.00000	49.00000	68.24000		83.00000	49.00000	68.24000	0.0	0.0	0.0
84.00000	49.00000	68.24000		84.00000	49.00000	68.24000	0.0	0.0	0.0
85.00000	49.00000	68.24000		85.00000	49.00000	68.24000	0.0	0.0	0.0
86.00000	49.00000	68.24000		86.00000	49.00000	68.24000	0.0	0.0	0.0
87.00000	49.00000	68.24000		87.00000	49.00000	68.24000	0.0	0.0	0.0
88.00000	49.00000	68.24000		88.00000	49.00000	68.24000	0.0	0.0	0.0
89.00000	49.00000	68.24000		89.00000	49.00000	68.24000	0.0	0.0	0.0
90.00000	49.00000	68.24000		90.00000	49.00000	68.24000	0.0	0.0	0.0
91.00000	49.00000	68.24000		91.00000	49.00000	68.24000	0.0	0.0	0.0
92.00000	49.00000	68.24000		92.00000	49.00000	68.24000	0.0	0.0	0.0
93.00000	49.00000	68.24000		93.00000	49.00000	68.24000	0.0	0.0	0.0
94.00000	49.00000	68.24000		94.00000	49.00000	68.24000	0.0	0.0	0.0
95.00000	49.00000	68.24000		95.00000	49.00000	68.24000	0.0	0.0	0.0
96.00000	49.00000	68.24000		96.00000	49.00000	68.24000	0.0	0.0	0.0
97.00000	49.00000	68.24000		97.00000	49.00000	68.24000	0.0	0.0	0.0
98.00000	49.00000	68.24000		98.00000	49.00000	68.24000	0.0	0.0	0.0
99.00000	49.00000	68.24000		99.00000	49.00000	68.24000	0.0	0.0	0.0
100.00000	49.00000	68.24000		100.00000	49.00000	68.24000	0.0	0.0	0.0
0.00000	50.00000	68.24000		0.00000	50.00000	68.24000	0.0	0.0	0.0
1.00000	50.00000	68.24000		1.00000	50.00000	68.24000	0.0	0.0	0.0
2.00000	50.00000	68.24000		2.00000	50.00000	68.24000	0.0	0.0	0.0
3.00000	50.00000	68.24000		3.00000	50.00000	68.24000	0.0	0.0	0.0
4.00000	50.00000	68.24000		4.00000	50.00000	68.24000	0.0	0.0	0.0
5.00000	50.00000	68.24000		5.00000	50.00000	68.24000	0.0	0.0	0.0
6.00000	50.00000	68.24000		6.00000	50.00000	68.24000	0.0	0.0	0.0
7.00000	50.00000	68.24000		7.00000	50.00000	68.24000	0.0	0.0	0.0
8.00000	50.00000	68.24000		8.00000	50.00000	68.24000	0.0	0.0	0.0
9.00000	50.00000	68.24000		9.00000	50.00000	68.24000	0.0	0.0	0.0
10.00000	50.00000	68.24000		10.00000	50.00000	68.24000	0.0	0.0	0.0
11.00000	50.00000	68.24000		11.00000	50.00000	68.24000	0.0	0.0	0.0
12.00000	50.00000	68.24000		12.00000	50.00000	68.24000	0.0	0.0	0.0
13.00000	50.00000	68.24000		13.00000	50.00000	68.24000	0.0	0.0	0.0
14.00000	50.00000	68.24000		14.00000	50.00000	68.24000	0.0	0.0	0.0
15.00000	50.00000	68.24000		15.00000	50.00000	68.24000	0.0	0.0	0.0
16.00000	50.00000	68.24000		16.00000	50.00000	68.24000	0.0	0.0	0.0
17.00000	50.00000	68.24000		17.00000	50.00000	68.24000	0.0	0.0	0.0
18.00000	50.00000	68.24000		18.00000	50.00000	68.24000	0.0	0.0	0.0
19.00000	50.00000	68.24000		19.00000	50.00000	68.24000	0.0	0.0	0.0
20.00000	50.00000	68.24000		20.00000	50.00000	68.24000	0.0	0.0	0.0
21.00000	50.00000	68.24000		21.00000	50.00000	68.24000	0.0	0.0	0.0



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Job No.	Sheet No.	Rev.
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
22.00000		50.00000	68.24000	22.00000	50.00000	68.24000	0.0	0.0	0.0
23.00000		50.00000	68.24000	23.00000	50.00000	68.24000	0.0	0.0	0.0
24.00000		50.00000	68.24000	24.00000	50.00000	68.24000	0.0	0.0	0.0
25.00000		50.00000	68.24000	25.00000	50.00000	68.24000	0.0	0.0	0.0
26.00000		50.00000	68.24000	26.00000	50.00000	68.24000	0.0	0.0	0.0
27.00000		50.00000	68.24000	27.00000	50.00000	68.24000	0.0	0.0	0.0
28.00000		50.00000	68.24000	28.00000	50.00000	68.24000	0.0	0.0	0.0
29.00000		50.00000	68.24000	29.00000	50.00000	68.24000	0.0	0.0	0.0
30.00000		50.00000	68.24000	30.00000	50.00000	68.24000	0.0	0.0	0.0
31.00000		50.00000	68.24000	31.00000	50.00000	68.24000	0.0	0.0	0.0
32.00000		50.00000	68.24000	32.00000	50.00000	68.24000	0.0	0.0	0.0
33.00000		50.00000	68.24000	33.00000	50.00000	68.24000	0.0	0.0	0.0
34.00000		50.00000	68.24000	34.00000	50.00000	68.24000	0.0	0.0	0.0
35.00000		50.00000	68.24000	35.00000	50.00000	68.24000	0.0	0.0	0.0
36.00000		50.00000	68.24000	36.00000	50.00000	68.24000	0.0	0.0	0.0
37.00000		50.00000	68.24000	37.00000	50.00000	68.24000	0.0	0.0	0.0
38.00000		50.00000	68.24000	38.00000	50.00000	68.24000	0.0	0.0	0.0
39.00000		50.00000	68.24000	39.00000	50.00000	68.24000	0.0	0.0	0.0
40.00000		50.00000	68.24000	40.00000	50.00000	68.24000	0.19252	0.022214	0.71715
41.00000		50.00000	68.24000	41.00000	50.00000	68.24000	0.54286	0.062637	1.0021
42.00000		50.00000	68.24000	42.00000	50.00000	68.24000	0.89319	0.10306	0.97413
43.00000		50.00000	68.24000	43.00000	50.00000	68.24000	1.2435	0.14348	0.97881
44.00000		50.00000	68.24000	44.00000	50.00000	68.24000	1.5939	0.18391	1.2224
45.00000		50.00000	68.24000	45.00000	50.00000	68.24000	1.9442	0.22433	1.7721
46.00000		50.00000	68.24000	46.00000	50.00000	68.24000	2.2945	0.26475	2.5560
47.00000		50.00000	68.24000	47.00000	50.00000	68.24000	2.9594	0.34147	3.4196
48.00000		50.00000	68.24000	48.00000	50.00000	68.24000	3.3643	0.49374	4.5856
49.00000		50.00000	68.24000	49.00000	50.00000	68.24000	2.6059	4.1470	8.9305
50.00000		50.00000	68.24000	50.00000	50.00000	68.24000	-0.68603	2.5894	3.1049
51.00000		50.00000	68.24000	51.00000	50.00000	68.24000	-3.4228	5.9318	3.9898
52.00000		50.00000	68.24000	52.00000	50.00000	68.24000	-4.3537	6.1628	4.0680
53.00000		50.00000	68.24000	53.00000	50.00000	68.24000	0.0	5.0304	3.0335
54.00000		50.00000	68.24000	54.00000	50.00000	68.24000	0.0	5.0304	3.0335
55.00000		50.00000	68.24000	55.00000	50.00000	68.24000	0.0	5.0304	3.0335
56.00000		50.00000	68.24000	56.00000	50.00000	68.24000	0.0	5.0304	3.0335
57.00000		50.00000	68.24000	57.00000	50.00000	68.24000	0.0	5.0304	3.0335
58.00000		50.00000	68.24000	58.00000	50.00000	68.24000	0.0	5.0304	3.0335
59.00000		50.00000	68.24000	59.00000	50.00000	68.24000	Point lies within an excavation.		
60.00000		50.00000	68.24000	60.00000	50.00000	68.24000	Point lies within an excavation.		
61.00000		50.00000	68.24000	61.00000	50.00000	68.24000	Point lies within an excavation.		
62.00000		50.00000	68.24000	62.00000	50.00000	68.24000	Point lies within an excavation.		
63.00000		50.00000	68.24000	63.00000	50.00000	68.24000	Point lies within an excavation.		
64.00000		50.00000	68.24000	64.00000	50.00000	68.24000	Point lies within an excavation.		
65.00000		50.00000	68.24000	65.00000	50.00000	68.24000	Point lies within an excavation.		
66.00000		50.00000	68.24000	66.00000	50.00000	68.24000	Point lies within an excavation.		
67.00000		50.00000	68.24000	67.00000	50.00000	68.24000	Point lies within an excavation.		
68.00000		50.00000	68.24000	68.00000	50.00000	68.24000	-3.9852	-2.2080	4.0135
69.00000		50.00000	68.24000	69.00000	50.00000	68.24000	0.0	0.0	0.0
70.00000		50.00000	68.24000	70.00000	50.00000	68.24000	0.0	0.0	0.0
71.00000		50.00000	68.24000	71.00000	50.00000	68.24000	0.0	0.0	0.0
72.00000		50.00000	68.24000	72.00000	50.00000	68.24000	0.0	0.0	0.0
73.00000		50.00000	68.24000	73.00000	50.00000	68.24000	0.0	0.0	0.0
74.00000		50.00000	68.24000	74.00000	50.00000	68.24000	0.0	0.0	0.0
75.00000		50.00000	68.24000	75.00000	50.00000	68.24000	0.0	0.0	0.0
76.00000		50.00000	68.24000	76.00000	50.00000	68.24000	0.0	0.0	0.0
77.00000		50.00000	68.24000	77.00000	50.00000	68.24000	0.0	0.0	0.0
78.00000		50.00000	68.24000	78.00000	50.00000	68.24000	0.0	0.0	0.0
79.00000		50.00000	68.24000	79.00000	50.00000	68.24000	0.0	0.0	0.0
80.00000		50.00000	68.24000	80.00000	50.00000	68.24000	0.0	0.0	0.0
81.00000		50.00000	68.24000	81.00000	50.00000	68.24000	0.0	0.0	0.0
82.00000		50.00000	68.24000	82.00000	50.00000	68.24000	0.0	0.0	0.0
83.00000		50.00000	68.24000	83.00000	50.00000	68.24000	0.0	0.0	0.0
84.00000		50.00000	68.24000	84.00000	50.00000	68.24000	0.0	0.0	0.0
85.00000		50.00000	68.24000	85.00000	50.00000	68.24000	0.0	0.0	0.0
86.00000		50.00000	68.24000	86.00000	50.00000	68.24000	0.0	0.0	0.0
87.00000		50.00000	68.24000	87.00000	50.00000	68.24000	0.0	0.0	0.0
88.00000		50.00000	68.24000	88.00000	50.00000	68.24000	0.0	0.0	0.0
89.00000		50.00000	68.24000	89.00000	50.00000	68.24000	0.0	0.0	0.0
90.00000		50.00000	68.24000	90.00000	50.00000	68.24000	0.0	0.0	0.0
91.00000		50.00000	68.24000	91.00000	50.00000	68.24000	0.0	0.0	0.0
92.00000		50.00000	68.24000	92.00000	50.00000	68.24000	0.0	0.0	0.0
93.00000		50.00000	68.24000	93.00000	50.00000	68.24000	0.0	0.0	0.0
94.00000		50.00000	68.24000	94.00000	50.00000	68.24000	0.0	0.0	0.0
95.00000		50.00000	68.24000	95.00000	50.00000	68.24000	0.0	0.0	0.0
96.00000		50.00000	68.24000	96.00000	50.00000	68.24000	0.0	0.0	0.0
97.00000		50.00000	68.24000	97.00000	50.00000	68.24000	0.0	0.0	0.0
98.00000		50.00000	68.24000	98.00000	50.00000	68.24000	0.0	0.0	0.0



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Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				99.00000	50.00000	68.24000	0.0	0.0	0.0
				100.00000	50.00000	68.24000	0.0	0.0	0.0
				0.00000	51.00000	68.24000	0.0	0.0	0.0
				1.00000	51.00000	68.24000	0.0	0.0	0.0
				2.00000	51.00000	68.24000	0.0	0.0	0.0
				3.00000	51.00000	68.24000	0.0	0.0	0.0
				4.00000	51.00000	68.24000	0.0	0.0	0.0
				5.00000	51.00000	68.24000	0.0	0.0	0.0
				6.00000	51.00000	68.24000	0.0	0.0	0.0
				7.00000	51.00000	68.24000	0.0	0.0	0.0
				8.00000	51.00000	68.24000	0.0	0.0	0.0
				9.00000	51.00000	68.24000	0.0	0.0	0.0
				10.00000	51.00000	68.24000	0.0	0.0	0.0
				11.00000	51.00000	68.24000	0.0	0.0	0.0
				12.00000	51.00000	68.24000	0.0	0.0	0.0
				13.00000	51.00000	68.24000	0.0	0.0	0.0
				14.00000	51.00000	68.24000	0.0	0.0	0.0
				15.00000	51.00000	68.24000	0.0	0.0	0.0
				16.00000	51.00000	68.24000	0.0	0.0	0.0
				17.00000	51.00000	68.24000	0.0	0.0	0.0
				18.00000	51.00000	68.24000	0.0	0.0	0.0
				19.00000	51.00000	68.24000	0.0	0.0	0.0
				20.00000	51.00000	68.24000	0.0	0.0	0.0
				21.00000	51.00000	68.24000	0.0	0.0	0.0
				22.00000	51.00000	68.24000	0.0	0.0	0.0
				23.00000	51.00000	68.24000	0.0	0.0	0.0
				24.00000	51.00000	68.24000	0.0	0.0	0.0
				25.00000	51.00000	68.24000	0.0	0.0	0.0
				26.00000	51.00000	68.24000	0.0	0.0	0.0
				27.00000	51.00000	68.24000	0.0	0.0	0.0
				28.00000	51.00000	68.24000	0.0	0.0	0.0
				29.00000	51.00000	68.24000	0.0	0.0	0.0
				30.00000	51.00000	68.24000	0.0	0.0	0.0
				31.00000	51.00000	68.24000	0.0	0.0	0.0
				32.00000	51.00000	68.24000	0.0	0.0	0.0
				33.00000	51.00000	68.24000	0.0	0.0	0.0
				34.00000	51.00000	68.24000	0.0	0.0	0.0
				35.00000	51.00000	68.24000	0.0	0.0	0.0
				36.00000	51.00000	68.24000	0.0	0.0	0.0
				37.00000	51.00000	68.24000	0.0	0.0	0.0
				38.00000	51.00000	68.24000	0.20525	0.037317	0.74129
				39.00000	51.00000	68.24000	0.54889	0.099797	1.0038
				40.00000	51.00000	68.24000	1.1255	0.18916	1.7531
				41.00000	51.00000	68.24000	0.58328	0.067302	1.0070
				42.00000	51.00000	68.24000	0.93362	0.10772	0.96784
				43.00000	51.00000	68.24000	1.2840	0.14815	0.99221
				44.00000	51.00000	68.24000	1.6343	0.18857	1.2703
				45.00000	51.00000	68.24000	1.9846	0.22899	1.8534
				46.00000	51.00000	68.24000	2.3585	0.27213	2.6577
				47.00000	51.00000	68.24000	3.0378	0.35051	3.5119
				48.00000	51.00000	68.24000	2.6798	4.6317	9.1038
				49.00000	51.00000	68.24000	2.2145	4.9516	9.3897
				50.00000	51.00000	68.24000	Point lies	within an	excavation.
				51.00000	51.00000	68.24000	Point lies	within an	excavation.
				52.00000	51.00000	68.24000	Point lies	within an	excavation.
				53.00000	51.00000	68.24000	Point lies	within an	excavation.
				54.00000	51.00000	68.24000	Point lies	within an	excavation.
				55.00000	51.00000	68.24000	Point lies	within an	excavation.
				56.00000	51.00000	68.24000	Point lies	within an	excavation.
				57.00000	51.00000	68.24000	Point lies	within an	excavation.
				58.00000	51.00000	68.24000	Point lies	within an	excavation.
				59.00000	51.00000	68.24000	Point lies	within an	excavation.
				60.00000	51.00000	68.24000	Point lies	within an	excavation.
				61.00000	51.00000	68.24000	Point lies	within an	excavation.
				62.00000	51.00000	68.24000	Point lies	within an	excavation.
				63.00000	51.00000	68.24000	Point lies	within an	excavation.
				64.00000	51.00000	68.24000	Point lies	within an	excavation.
				65.00000	51.00000	68.24000	Point lies	within an	excavation.
				66.00000	51.00000	68.24000	Point lies	within an	excavation.
				67.00000	51.00000	68.24000	-4.2201	-2.3382	3.5691
				68.00000	51.00000	68.24000	-3.6934	-2.0464	4.2473
				69.00000	51.00000	68.24000	-3.1668	-1.7546	4.0650
				70.00000	51.00000	68.24000	-2.6401	-1.4628	3.4658
				71.00000	51.00000	68.24000	0.0	0.0	0.0
				72.00000	51.00000	68.24000	0.0	0.0	0.0
				73.00000	51.00000	68.24000	0.0	0.0	0.0
				74.00000	51.00000	68.24000	0.0	0.0	0.0



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 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
75.00000		51.00000		68.24000			0.0	0.0	0.0
76.00000		51.00000		68.24000			0.0	0.0	0.0
77.00000		51.00000		68.24000			0.0	0.0	0.0
78.00000		51.00000		68.24000			0.0	0.0	0.0
79.00000		51.00000		68.24000			0.0	0.0	0.0
80.00000		51.00000		68.24000			0.0	0.0	0.0
81.00000		51.00000		68.24000			0.0	0.0	0.0
82.00000		51.00000		68.24000			0.0	0.0	0.0
83.00000		51.00000		68.24000			0.0	0.0	0.0
84.00000		51.00000		68.24000			0.0	0.0	0.0
85.00000		51.00000		68.24000			0.0	0.0	0.0
86.00000		51.00000		68.24000			0.0	0.0	0.0
87.00000		51.00000		68.24000			0.0	0.0	0.0
88.00000		51.00000		68.24000			0.0	0.0	0.0
89.00000		51.00000		68.24000			0.0	0.0	0.0
90.00000		51.00000		68.24000			0.0	0.0	0.0
91.00000		51.00000		68.24000			0.0	0.0	0.0
92.00000		51.00000		68.24000			0.0	0.0	0.0
93.00000		51.00000		68.24000			0.0	0.0	0.0
94.00000		51.00000		68.24000			0.0	0.0	0.0
95.00000		51.00000		68.24000			0.0	0.0	0.0
96.00000		51.00000		68.24000			0.0	0.0	0.0
97.00000		51.00000		68.24000			0.0	0.0	0.0
98.00000		51.00000		68.24000			0.0	0.0	0.0
99.00000		51.00000		68.24000			0.0	0.0	0.0
100.00000		51.00000		68.24000			0.0	0.0	0.0
0.00000		52.00000		68.24000			0.0	0.0	0.0
1.00000		52.00000		68.24000			0.0	0.0	0.0
2.00000		52.00000		68.24000			0.0	0.0	0.0
3.00000		52.00000		68.24000			0.0	0.0	0.0
4.00000		52.00000		68.24000			0.0	0.0	0.0
5.00000		52.00000		68.24000			0.0	0.0	0.0
6.00000		52.00000		68.24000			0.0	0.0	0.0
7.00000		52.00000		68.24000			0.0	0.0	0.0
8.00000		52.00000		68.24000			0.0	0.0	0.0
9.00000		52.00000		68.24000			0.0	0.0	0.0
10.00000		52.00000		68.24000			0.0	0.0	0.0
11.00000		52.00000		68.24000			0.0	0.0	0.0
12.00000		52.00000		68.24000			0.0	0.0	0.0
13.00000		52.00000		68.24000			0.0	0.0	0.0
14.00000		52.00000		68.24000			0.0	0.0	0.0
15.00000		52.00000		68.24000			0.0	0.0	0.0
16.00000		52.00000		68.24000			0.0	0.0	0.0
17.00000		52.00000		68.24000			0.0	0.0	0.0
18.00000		52.00000		68.24000			0.0	0.0	0.0
19.00000		52.00000		68.24000			0.0	0.0	0.0
20.00000		52.00000		68.24000			0.0	0.0	0.0
21.00000		52.00000		68.24000			0.0	0.0	0.0
22.00000		52.00000		68.24000			0.0	0.0	0.0
23.00000		52.00000		68.24000			0.0	0.0	0.0
24.00000		52.00000		68.24000			0.0	0.0	0.0
25.00000		52.00000		68.24000			0.0	0.0	0.0
26.00000		52.00000		68.24000			0.0	0.0	0.0
27.00000		52.00000		68.24000			0.0	0.0	0.0
28.00000		52.00000		68.24000			0.0	0.0	0.0
29.00000		52.00000		68.24000			0.0	0.0	0.0
30.00000		52.00000		68.24000			0.0	0.0	0.0
31.00000		52.00000		68.24000			0.0	0.0	0.0
32.00000		52.00000		68.24000			0.0	0.0	0.0
33.00000		52.00000		68.24000			0.0	0.0	0.0
34.00000		52.00000		68.24000			0.0	0.0	0.0
35.00000		52.00000		68.24000			0.0	0.0	0.0
36.00000		52.00000		68.24000			0.0	0.0	0.0
37.00000		52.00000		68.24000			0.0	0.0	0.0
38.00000		52.00000		68.24000			0.26773	0.048677	0.83007
39.00000		52.00000		68.24000			0.61137	0.11116	1.0085
40.00000		52.00000		68.24000			0.95501	0.17364	0.96373
41.00000		52.00000		68.24000			1.2986	0.23612	1.0032
42.00000		52.00000		68.24000			1.6423	0.29860	1.3007
43.00000		52.00000		68.24000			1.9859	0.36108	1.8959
44.00000		52.00000		68.24000			2.3688	0.43070	2.7017
45.00000		52.00000		68.24000			5.0602	0.78550	5.4806
46.00000		52.00000		68.24000			2.4368	0.28117	2.7609
47.00000		52.00000		68.24000			3.1161	0.35955	3.6017
48.00000		52.00000		68.24000			3.2990	5.1540	7.9237
49.00000		52.00000		68.24000			3.9858	5.1608	7.9271
50.00000		52.00000		68.24000					Point lies within an excavation.



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 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				51.00000	52.00000	68.24000	Point lies within an excavation.		
				52.00000	52.00000	68.24000	Point lies within an excavation.		
				53.00000	52.00000	68.24000	Point lies within an excavation.		
				54.00000	52.00000	68.24000	Point lies within an excavation.		
				55.00000	52.00000	68.24000	Point lies within an excavation.		
				56.00000	52.00000	68.24000	Point lies within an excavation.		
				57.00000	52.00000	68.24000	Point lies within an excavation.		
				58.00000	52.00000	68.24000	Point lies within an excavation.		
				59.00000	52.00000	68.24000	Point lies within an excavation.		
				60.00000	52.00000	68.24000	Point lies within an excavation.		
				61.00000	52.00000	68.24000	Point lies within an excavation.		
				62.00000	52.00000	68.24000	Point lies within an excavation.		
				63.00000	52.00000	68.24000	Point lies within an excavation.		
				64.00000	52.00000	68.24000	Point lies within an excavation.		
				65.00000	52.00000	68.24000	Point lies within an excavation.		
				66.00000	52.00000	68.24000	Point lies within an excavation.		
				67.00000	52.00000	68.24000	-3.9283	-2.1765	4.0841
				68.00000	52.00000	68.24000	-3.4016	-1.8847	4.2200
				69.00000	52.00000	68.24000	-2.8750	-1.5929	3.7635
				70.00000	52.00000	68.24000	-2.3483	-1.3011	3.0581
				71.00000	52.00000	68.24000	-1.9245	-1.0663	2.2971
				72.00000	52.00000	68.24000	-1.6528	-0.91576	1.6446
				73.00000	52.00000	68.24000	0.0	0.0	0.0
				74.00000	52.00000	68.24000	0.0	0.0	0.0
				75.00000	52.00000	68.24000	0.0	0.0	0.0
				76.00000	52.00000	68.24000	0.0	0.0	0.0
				77.00000	52.00000	68.24000	0.0	0.0	0.0
				78.00000	52.00000	68.24000	0.0	0.0	0.0
				79.00000	52.00000	68.24000	0.0	0.0	0.0
				80.00000	52.00000	68.24000	0.0	0.0	0.0
				81.00000	52.00000	68.24000	0.0	0.0	0.0
				82.00000	52.00000	68.24000	0.0	0.0	0.0
				83.00000	52.00000	68.24000	0.0	0.0	0.0
				84.00000	52.00000	68.24000	0.0	0.0	0.0
				85.00000	52.00000	68.24000	0.0	0.0	0.0
				86.00000	52.00000	68.24000	0.0	0.0	0.0
				87.00000	52.00000	68.24000	0.0	0.0	0.0
				88.00000	52.00000	68.24000	0.0	0.0	0.0
				89.00000	52.00000	68.24000	0.0	0.0	0.0
				90.00000	52.00000	68.24000	0.0	0.0	0.0
				91.00000	52.00000	68.24000	0.0	0.0	0.0
				92.00000	52.00000	68.24000	0.0	0.0	0.0
				93.00000	52.00000	68.24000	0.0	0.0	0.0
				94.00000	52.00000	68.24000	0.0	0.0	0.0
				95.00000	52.00000	68.24000	0.0	0.0	0.0
				96.00000	52.00000	68.24000	0.0	0.0	0.0
				97.00000	52.00000	68.24000	0.0	0.0	0.0
				98.00000	52.00000	68.24000	0.0	0.0	0.0
				99.00000	52.00000	68.24000	0.0	0.0	0.0
				100.00000	52.00000	68.24000	0.0	0.0	0.0
				0.00000	53.00000	68.24000	0.0	0.0	0.0
				1.00000	53.00000	68.24000	0.0	0.0	0.0
				2.00000	53.00000	68.24000	0.0	0.0	0.0
				3.00000	53.00000	68.24000	0.0	0.0	0.0
				4.00000	53.00000	68.24000	0.0	0.0	0.0
				5.00000	53.00000	68.24000	0.0	0.0	0.0
				6.00000	53.00000	68.24000	0.0	0.0	0.0
				7.00000	53.00000	68.24000	0.0	0.0	0.0
				8.00000	53.00000	68.24000	0.0	0.0	0.0
				9.00000	53.00000	68.24000	0.0	0.0	0.0
				10.00000	53.00000	68.24000	0.0	0.0	0.0
				11.00000	53.00000	68.24000	0.0	0.0	0.0
				12.00000	53.00000	68.24000	0.0	0.0	0.0
				13.00000	53.00000	68.24000	0.0	0.0	0.0
				14.00000	53.00000	68.24000	0.0	0.0	0.0
				15.00000	53.00000	68.24000	0.0	0.0	0.0
				16.00000	53.00000	68.24000	0.0	0.0	0.0
				17.00000	53.00000	68.24000	0.0	0.0	0.0
				18.00000	53.00000	68.24000	0.0	0.0	0.0
				19.00000	53.00000	68.24000	0.0	0.0	0.0
				20.00000	53.00000	68.24000	0.0	0.0	0.0
				21.00000	53.00000	68.24000	0.0	0.0	0.0
				22.00000	53.00000	68.24000	0.0	0.0	0.0
				23.00000	53.00000	68.24000	0.0	0.0	0.0
				24.00000	53.00000	68.24000	0.0	0.0	0.0
				25.00000	53.00000	68.24000	0.0	0.0	0.0
				26.00000	53.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
27.00000		53.00000	68.24000	27.00000	53.00000	68.24000	0.0	0.0	0.0
28.00000		53.00000	68.24000	28.00000	53.00000	68.24000	0.0	0.0	0.0
29.00000		53.00000	68.24000	29.00000	53.00000	68.24000	0.0	0.0	0.0
30.00000		53.00000	68.24000	30.00000	53.00000	68.24000	0.0	0.0	0.0
31.00000		53.00000	68.24000	31.00000	53.00000	68.24000	0.0	0.0	0.0
32.00000		53.00000	68.24000	32.00000	53.00000	68.24000	0.0	0.0	0.0
33.00000		53.00000	68.24000	33.00000	53.00000	68.24000	0.0	0.0	0.0
34.00000		53.00000	68.24000	34.00000	53.00000	68.24000	0.0	0.0	0.0
35.00000		53.00000	68.24000	35.00000	53.00000	68.24000	0.0	0.0	0.0
36.00000		53.00000	68.24000	36.00000	53.00000	68.24000	0.0	0.0	0.0
37.00000		53.00000	68.24000	37.00000	53.00000	68.24000	0.0	0.0	0.0
38.00000		53.00000	68.24000	38.00000	53.00000	68.24000	0.33021	0.060037	0.89723
39.00000		53.00000	68.24000	39.00000	53.00000	68.24000	0.67385	0.12252	1.0062
40.00000		53.00000	68.24000	40.00000	53.00000	68.24000	1.0175	0.18500	0.95777
41.00000		53.00000	68.24000	41.00000	53.00000	68.24000	1.3611	0.24748	1.0352
42.00000		53.00000	68.24000	42.00000	53.00000	68.24000	1.7048	0.30996	1.3877
43.00000		53.00000	68.24000	43.00000	53.00000	68.24000	2.0484	0.37244	2.0309
44.00000		53.00000	68.24000	44.00000	53.00000	68.24000	2.4900	0.45272	2.8617
45.00000		53.00000	68.24000	45.00000	53.00000	68.24000	3.1563	0.57387	3.6801
46.00000		53.00000	68.24000	46.00000	53.00000	68.24000	3.8226	0.69502	4.2186
47.00000		53.00000	68.24000	47.00000	53.00000	68.24000	4.4889	0.81616	4.0058
48.00000		53.00000	68.24000	48.00000	53.00000	68.24000	Point lies within an excavation.		
49.00000		53.00000	68.24000	49.00000	53.00000	68.24000	Point lies within an excavation.		
50.00000		53.00000	68.24000	50.00000	53.00000	68.24000	Point lies within an excavation.		
51.00000		53.00000	68.24000	51.00000	53.00000	68.24000	Point lies within an excavation.		
52.00000		53.00000	68.24000	52.00000	53.00000	68.24000	Point lies within an excavation.		
53.00000		53.00000	68.24000	53.00000	53.00000	68.24000	Point lies within an excavation.		
54.00000		53.00000	68.24000	54.00000	53.00000	68.24000	Point lies within an excavation.		
55.00000		53.00000	68.24000	55.00000	53.00000	68.24000	Point lies within an excavation.		
56.00000		53.00000	68.24000	56.00000	53.00000	68.24000	Point lies within an excavation.		
57.00000		53.00000	68.24000	57.00000	53.00000	68.24000	Point lies within an excavation.		
58.00000		53.00000	68.24000	58.00000	53.00000	68.24000	Point lies within an excavation.		
59.00000		53.00000	68.24000	59.00000	53.00000	68.24000	Point lies within an excavation.		
60.00000		53.00000	68.24000	60.00000	53.00000	68.24000	Point lies within an excavation.		
61.00000		53.00000	68.24000	61.00000	53.00000	68.24000	Point lies within an excavation.		
62.00000		53.00000	68.24000	62.00000	53.00000	68.24000	Point lies within an excavation.		
63.00000		53.00000	68.24000	63.00000	53.00000	68.24000	Point lies within an excavation.		
64.00000		53.00000	68.24000	64.00000	53.00000	68.24000	Point lies within an excavation.		
65.00000		53.00000	68.24000	65.00000	53.00000	68.24000	Point lies within an excavation.		
66.00000		53.00000	68.24000	66.00000	53.00000	68.24000	-4.1632	-2.3066	3.7013
67.00000		53.00000	68.24000	67.00000	53.00000	68.24000	-3.6365	-2.0148	4.2596
68.00000		53.00000	68.24000	68.00000	53.00000	68.24000	-3.1098	-1.7230	4.0142
69.00000		53.00000	68.24000	69.00000	53.00000	68.24000	-2.5832	-1.4312	3.3888
70.00000		53.00000	68.24000	70.00000	53.00000	68.24000	-2.0565	-1.1394	2.6274
71.00000		53.00000	68.24000	71.00000	53.00000	68.24000	-1.7740	-0.98287	1.9158
72.00000		53.00000	68.24000	72.00000	53.00000	68.24000	-1.5023	-0.83238	1.3660
73.00000		53.00000	68.24000	73.00000	53.00000	68.24000	-1.2307	-0.68189	1.0494
74.00000		53.00000	68.24000	74.00000	53.00000	68.24000	-0.95910	-0.53139	0.95630
75.00000		53.00000	68.24000	75.00000	53.00000	68.24000	0.0	0.0	0.0
76.00000		53.00000	68.24000	76.00000	53.00000	68.24000	0.0	0.0	0.0
77.00000		53.00000	68.24000	77.00000	53.00000	68.24000	0.0	0.0	0.0
78.00000		53.00000	68.24000	78.00000	53.00000	68.24000	0.0	0.0	0.0
79.00000		53.00000	68.24000	79.00000	53.00000	68.24000	0.0	0.0	0.0
80.00000		53.00000	68.24000	80.00000	53.00000	68.24000	0.0	0.0	0.0
81.00000		53.00000	68.24000	81.00000	53.00000	68.24000	0.0	0.0	0.0
82.00000		53.00000	68.24000	82.00000	53.00000	68.24000	0.0	0.0	0.0
83.00000		53.00000	68.24000	83.00000	53.00000	68.24000	0.0	0.0	0.0
84.00000		53.00000	68.24000	84.00000	53.00000	68.24000	0.0	0.0	0.0
85.00000		53.00000	68.24000	85.00000	53.00000	68.24000	0.0	0.0	0.0
86.00000		53.00000	68.24000	86.00000	53.00000	68.24000	0.0	0.0	0.0
87.00000		53.00000	68.24000	87.00000	53.00000	68.24000	0.0	0.0	0.0
88.00000		53.00000	68.24000	88.00000	53.00000	68.24000	0.0	0.0	0.0
89.00000		53.00000	68.24000	89.00000	53.00000	68.24000	0.0	0.0	0.0
90.00000		53.00000	68.24000	90.00000	53.00000	68.24000	0.0	0.0	0.0
91.00000		53.00000	68.24000	91.00000	53.00000	68.24000	0.0	0.0	0.0
92.00000		53.00000	68.24000	92.00000	53.00000	68.24000	0.0	0.0	0.0
93.00000		53.00000	68.24000	93.00000	53.00000	68.24000	0.0	0.0	0.0
94.00000		53.00000	68.24000	94.00000	53.00000	68.24000	0.0	0.0	0.0
95.00000		53.00000	68.24000	95.00000	53.00000	68.24000	0.0	0.0	0.0
96.00000		53.00000	68.24000	96.00000	53.00000	68.24000	0.0	0.0	0.0
97.00000		53.00000	68.24000	97.00000	53.00000	68.24000	0.0	0.0	0.0
98.00000		53.00000	68.24000	98.00000	53.00000	68.24000	0.0	0.0	0.0
99.00000		53.00000	68.24000	99.00000	53.00000	68.24000	0.0	0.0	0.0
100.00000		53.00000	68.24000	100.00000	53.00000	68.24000	0.0	0.0	0.0
0.00000		54.00000	68.24000	0.00000	54.00000	68.24000	0.0	0.0	0.0
1.00000		54.00000	68.24000	1.00000	54.00000	68.24000	0.0	0.0	0.0
2.00000		54.00000	68.24000	2.00000	54.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
3.00000		54.00000		68.24000			0.0	0.0	0.0
4.00000		54.00000		68.24000			0.0	0.0	0.0
5.00000		54.00000		68.24000			0.0	0.0	0.0
6.00000		54.00000		68.24000			0.0	0.0	0.0
7.00000		54.00000		68.24000			0.0	0.0	0.0
8.00000		54.00000		68.24000			0.0	0.0	0.0
9.00000		54.00000		68.24000			0.0	0.0	0.0
10.00000		54.00000		68.24000			0.0	0.0	0.0
11.00000		54.00000		68.24000			0.0	0.0	0.0
12.00000		54.00000		68.24000			0.0	0.0	0.0
13.00000		54.00000		68.24000			0.0	0.0	0.0
14.00000		54.00000		68.24000			0.0	0.0	0.0
15.00000		54.00000		68.24000			0.0	0.0	0.0
16.00000		54.00000		68.24000			0.0	0.0	0.0
17.00000		54.00000		68.24000			0.0	0.0	0.0
18.00000		54.00000		68.24000			0.0	0.0	0.0
19.00000		54.00000		68.24000			0.0	0.0	0.0
20.00000		54.00000		68.24000			0.0	0.0	0.0
21.00000		54.00000		68.24000			0.0	0.0	0.0
22.00000		54.00000		68.24000			0.0	0.0	0.0
23.00000		54.00000		68.24000			0.0	0.0	0.0
24.00000		54.00000		68.24000			0.0	0.0	0.0
25.00000		54.00000		68.24000			0.0	0.0	0.0
26.00000		54.00000		68.24000			0.0	0.0	0.0
27.00000		54.00000		68.24000			0.0	0.0	0.0
28.00000		54.00000		68.24000			0.0	0.0	0.0
29.00000		54.00000		68.24000			0.0	0.0	0.0
30.00000		54.00000		68.24000			0.0	0.0	0.0
31.00000		54.00000		68.24000			0.0	0.0	0.0
32.00000		54.00000		68.24000			0.0	0.0	0.0
33.00000		54.00000		68.24000			0.0	0.0	0.0
34.00000		54.00000		68.24000			0.0	0.0	0.0
35.00000		54.00000		68.24000			0.0	0.0	0.0
36.00000		54.00000		68.24000			0.0	0.0	0.0
37.00000		54.00000		68.24000			0.049046	0.0089174	0.40390
38.00000		54.00000		68.24000			0.39269	0.071397	0.94576
39.00000		54.00000		68.24000			0.73633	0.13388	0.99900
40.00000		54.00000		68.24000			1.0800	0.19636	0.95633
41.00000		54.00000		68.24000			1.4236	0.25884	1.0766
42.00000		54.00000		68.24000			1.7672	0.32132	1.4847
43.00000		54.00000		68.24000			2.1109	0.38380	2.1719
44.00000		54.00000		68.24000			2.6111	0.47475	3.0192
45.00000		54.00000		68.24000			3.2774	0.59590	3.8088
46.00000		54.00000		68.24000			3.9437	0.71704	4.2543
47.00000		54.00000		68.24000			4.6100	0.83819	3.8316
48.00000		54.00000		68.24000			Point lies	within an	excavation.
49.00000		54.00000		68.24000			Point lies	within an	excavation.
50.00000		54.00000		68.24000			Point lies	within an	excavation.
51.00000		54.00000		68.24000			Point lies	within an	excavation.
52.00000		54.00000		68.24000			Point lies	within an	excavation.
53.00000		54.00000		68.24000			Point lies	within an	excavation.
54.00000		54.00000		68.24000			Point lies	within an	excavation.
55.00000		54.00000		68.24000			Point lies	within an	excavation.
56.00000		54.00000		68.24000			Point lies	within an	excavation.
57.00000		54.00000		68.24000			Point lies	within an	excavation.
58.00000		54.00000		68.24000			-2.2802	-4.9112	7.5093
59.00000		54.00000		68.24000			Point lies	within an	excavation.
60.00000		54.00000		68.24000			Point lies	within an	excavation.
61.00000		54.00000		68.24000			Point lies	within an	excavation.
62.00000		54.00000		68.24000			Point lies	within an	excavation.
63.00000		54.00000		68.24000			Point lies	within an	excavation.
64.00000		54.00000		68.24000			Point lies	within an	excavation.
65.00000		54.00000		68.24000			-4.3980	-2.4367	3.0410
66.00000		54.00000		68.24000			-3.8714	-2.1449	4.1417
67.00000		54.00000		68.24000			-3.3447	-1.8531	4.1916
68.00000		54.00000		68.24000			-2.8180	-1.5613	3.6948
69.00000		54.00000		68.24000			-2.2914	-1.2696	2.9755
70.00000		54.00000		68.24000			-1.8951	-1.0500	2.2198
71.00000		54.00000		68.24000			-1.6235	-0.89949	1.5848
72.00000		54.00000		68.24000			-1.3519	-0.74900	1.1605
73.00000		54.00000		68.24000			-1.0802	-0.59851	0.97426
74.00000		54.00000		68.24000			-0.80861	-0.44801	0.97012
75.00000		54.00000		68.24000			-0.53699	-0.29752	1.0084
76.00000		54.00000		68.24000			-0.26537	-0.14703	0.86565
77.00000		54.00000		68.24000			0.0	0.0	0.0
78.00000		54.00000		68.24000			0.0	0.0	0.0
79.00000		54.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date	Checked
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
80.00000		54.00000		68.24000			0.0	0.0	0.0
81.00000		54.00000		68.24000			0.0	0.0	0.0
82.00000		54.00000		68.24000			0.0	0.0	0.0
83.00000		54.00000		68.24000			0.0	0.0	0.0
84.00000		54.00000		68.24000			0.0	0.0	0.0
85.00000		54.00000		68.24000			0.0	0.0	0.0
86.00000		54.00000		68.24000			0.0	0.0	0.0
87.00000		54.00000		68.24000			0.0	0.0	0.0
88.00000		54.00000		68.24000			0.0	0.0	0.0
89.00000		54.00000		68.24000			0.0	0.0	0.0
90.00000		54.00000		68.24000			0.0	0.0	0.0
91.00000		54.00000		68.24000			0.0	0.0	0.0
92.00000		54.00000		68.24000			0.0	0.0	0.0
93.00000		54.00000		68.24000			0.0	0.0	0.0
94.00000		54.00000		68.24000			0.0	0.0	0.0
95.00000		54.00000		68.24000			0.0	0.0	0.0
96.00000		54.00000		68.24000			0.0	0.0	0.0
97.00000		54.00000		68.24000			0.0	0.0	0.0
98.00000		54.00000		68.24000			0.0	0.0	0.0
99.00000		54.00000		68.24000			0.0	0.0	0.0
100.00000		54.00000		68.24000			0.0	0.0	0.0
0.00000		55.00000		68.24000			0.0	0.0	0.0
1.00000		55.00000		68.24000			0.0	0.0	0.0
2.00000		55.00000		68.24000			0.0	0.0	0.0
3.00000		55.00000		68.24000			0.0	0.0	0.0
4.00000		55.00000		68.24000			0.0	0.0	0.0
5.00000		55.00000		68.24000			0.0	0.0	0.0
6.00000		55.00000		68.24000			0.0	0.0	0.0
7.00000		55.00000		68.24000			0.0	0.0	0.0
8.00000		55.00000		68.24000			0.0	0.0	0.0
9.00000		55.00000		68.24000			0.0	0.0	0.0
10.00000		55.00000		68.24000			0.0	0.0	0.0
11.00000		55.00000		68.24000			0.0	0.0	0.0
12.00000		55.00000		68.24000			0.0	0.0	0.0
13.00000		55.00000		68.24000			0.0	0.0	0.0
14.00000		55.00000		68.24000			0.0	0.0	0.0
15.00000		55.00000		68.24000			0.0	0.0	0.0
16.00000		55.00000		68.24000			0.0	0.0	0.0
17.00000		55.00000		68.24000			0.0	0.0	0.0
18.00000		55.00000		68.24000			0.0	0.0	0.0
19.00000		55.00000		68.24000			0.0	0.0	0.0
20.00000		55.00000		68.24000			0.0	0.0	0.0
21.00000		55.00000		68.24000			0.0	0.0	0.0
22.00000		55.00000		68.24000			0.0	0.0	0.0
23.00000		55.00000		68.24000			0.0	0.0	0.0
24.00000		55.00000		68.24000			0.0	0.0	0.0
25.00000		55.00000		68.24000			0.0	0.0	0.0
26.00000		55.00000		68.24000			0.0	0.0	0.0
27.00000		55.00000		68.24000			0.0	0.0	0.0
28.00000		55.00000		68.24000			0.0	0.0	0.0
29.00000		55.00000		68.24000			0.0	0.0	0.0
30.00000		55.00000		68.24000			0.0	0.0	0.0
31.00000		55.00000		68.24000			0.0	0.0	0.0
32.00000		55.00000		68.24000			0.0	0.0	0.0
33.00000		55.00000		68.24000			0.0	0.0	0.0
34.00000		55.00000		68.24000			0.0	0.0	0.0
35.00000		55.00000		68.24000			0.0	0.0	0.0
36.00000		55.00000		68.24000			0.0	0.0	0.0
37.00000		55.00000		68.24000			0.0	0.0	0.0
38.00000		55.00000		68.24000			0.45517	0.082757	0.97850
39.00000		55.00000		68.24000			0.79881	0.14524	0.98901
40.00000		55.00000		68.24000			1.1424	0.20772	0.96063
41.00000		55.00000		68.24000			1.4861	0.27020	1.1279
42.00000		55.00000		68.24000			1.8297	0.33268	1.5913
43.00000		55.00000		68.24000			2.1734	0.39516	2.3178
44.00000		55.00000		68.24000			2.7323	0.49678	3.1739
45.00000		55.00000		68.24000			3.3986	0.61792	3.9269
46.00000		55.00000		68.24000			4.0649	0.73907	4.2619
47.00000		55.00000		68.24000			4.7312	0.86022	3.6027
48.00000		55.00000		68.24000			Point lies within an excavation.		
49.00000		55.00000		68.24000			Point lies within an excavation.		
50.00000		55.00000		68.24000			Point lies within an excavation.		
51.00000		55.00000		68.24000			Point lies within an excavation.		
52.00000		55.00000		68.24000			Point lies within an excavation.		
53.00000		55.00000		68.24000			Point lies within an excavation.		
54.00000		55.00000		68.24000			Point lies within an excavation.		
55.00000		55.00000		68.24000			Point lies within an excavation.		



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				56.00000	55.00000	68.24000	Point lies within an excavation.		
				57.00000	55.00000	68.24000	Point lies within an excavation.		
				58.00000	55.00000	68.24000	-2.4605	-4.3773	8.1934
				59.00000	55.00000	68.24000	-1.6178	-4.5576	8.3392
				60.00000	55.00000	68.24000	-0.77499	-4.7379	7.3164
				61.00000	55.00000	68.24000	Point lies within an excavation.		
				62.00000	55.00000	68.24000	Point lies within an excavation.		
				63.00000	55.00000	68.24000	Point lies within an excavation.		
				64.00000	55.00000	68.24000	Point lies within an excavation.		
				65.00000	55.00000	68.24000	-5.1524	-2.4634	4.7737
				66.00000	55.00000	68.24000	-4.2819	-2.1097	5.2662
				67.00000	55.00000	68.24000	-3.4114	-1.7560	4.8802
				68.00000	55.00000	68.24000	-2.5262	-1.3997	3.3104
				69.00000	55.00000	68.24000	-2.0162	-1.1171	2.5446
				70.00000	55.00000	68.24000	-1.7446	-0.96660	1.8466
				71.00000	55.00000	68.24000	-1.4730	-0.81611	1.3200
				72.00000	55.00000	68.24000	-1.2014	-0.66562	1.0295
				73.00000	55.00000	68.24000	-0.92974	-0.51513	0.95648
				74.00000	55.00000	68.24000	-0.65812	-0.36463	0.99844
				75.00000	55.00000	68.24000	-0.38650	-0.21414	0.96936
				76.00000	55.00000	68.24000	-0.11488	-0.063650	0.59958
				77.00000	55.00000	68.24000	0.0	0.0	0.0
				78.00000	55.00000	68.24000	0.0	0.0	0.0
				79.00000	55.00000	68.24000	0.0	0.0	0.0
				80.00000	55.00000	68.24000	0.0	0.0	0.0
				81.00000	55.00000	68.24000	0.0	0.0	0.0
				82.00000	55.00000	68.24000	0.0	0.0	0.0
				83.00000	55.00000	68.24000	0.0	0.0	0.0
				84.00000	55.00000	68.24000	0.0	0.0	0.0
				85.00000	55.00000	68.24000	0.0	0.0	0.0
				86.00000	55.00000	68.24000	0.0	0.0	0.0
				87.00000	55.00000	68.24000	0.0	0.0	0.0
				88.00000	55.00000	68.24000	0.0	0.0	0.0
				89.00000	55.00000	68.24000	0.0	0.0	0.0
				90.00000	55.00000	68.24000	0.0	0.0	0.0
				91.00000	55.00000	68.24000	0.0	0.0	0.0
				92.00000	55.00000	68.24000	0.0	0.0	0.0
				93.00000	55.00000	68.24000	0.0	0.0	0.0
				94.00000	55.00000	68.24000	0.0	0.0	0.0
				95.00000	55.00000	68.24000	0.0	0.0	0.0
				96.00000	55.00000	68.24000	0.0	0.0	0.0
				97.00000	55.00000	68.24000	0.0	0.0	0.0
				98.00000	55.00000	68.24000	0.0	0.0	0.0
				99.00000	55.00000	68.24000	0.0	0.0	0.0
				100.00000	55.00000	68.24000	0.0	0.0	0.0
				0.00000	56.00000	68.24000	0.0	0.0	0.0
				1.00000	56.00000	68.24000	0.0	0.0	0.0
				2.00000	56.00000	68.24000	0.0	0.0	0.0
				3.00000	56.00000	68.24000	0.0	0.0	0.0
				4.00000	56.00000	68.24000	0.0	0.0	0.0
				5.00000	56.00000	68.24000	0.0	0.0	0.0
				6.00000	56.00000	68.24000	0.0	0.0	0.0
				7.00000	56.00000	68.24000	0.0	0.0	0.0
				8.00000	56.00000	68.24000	0.0	0.0	0.0
				9.00000	56.00000	68.24000	0.0	0.0	0.0
				10.00000	56.00000	68.24000	0.0	0.0	0.0
				11.00000	56.00000	68.24000	0.0	0.0	0.0
				12.00000	56.00000	68.24000	0.0	0.0	0.0
				13.00000	56.00000	68.24000	0.0	0.0	0.0
				14.00000	56.00000	68.24000	0.0	0.0	0.0
				15.00000	56.00000	68.24000	0.0	0.0	0.0
				16.00000	56.00000	68.24000	0.0	0.0	0.0
				17.00000	56.00000	68.24000	0.0	0.0	0.0
				18.00000	56.00000	68.24000	0.0	0.0	0.0
				19.00000	56.00000	68.24000	0.0	0.0	0.0
				20.00000	56.00000	68.24000	0.0	0.0	0.0
				21.00000	56.00000	68.24000	0.0	0.0	0.0
				22.00000	56.00000	68.24000	0.0	0.0	0.0
				23.00000	56.00000	68.24000	0.0	0.0	0.0
				24.00000	56.00000	68.24000	0.0	0.0	0.0
				25.00000	56.00000	68.24000	0.0	0.0	0.0
				26.00000	56.00000	68.24000	0.0	0.0	0.0
				27.00000	56.00000	68.24000	0.0	0.0	0.0
				28.00000	56.00000	68.24000	0.0	0.0	0.0
				29.00000	56.00000	68.24000	0.0	0.0	0.0
				30.00000	56.00000	68.24000	0.0	0.0	0.0
				31.00000	56.00000	68.24000	0.0	0.0	0.0



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 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
32.00000		56.00000		68.24000			0.0	0.0	0.0
33.00000		56.00000		68.24000			0.0	0.0	0.0
34.00000		56.00000		68.24000			0.0	0.0	0.0
35.00000		56.00000		68.24000			0.0	0.0	0.0
36.00000		56.00000		68.24000			0.0	0.0	0.0
37.00000		56.00000		68.24000			0.0	0.0	0.0
38.00000		56.00000		68.24000			0.0	0.0	0.0
39.00000		56.00000		68.24000			0.0	0.0	0.0
40.00000		56.00000		68.24000			0.0	0.0	0.0
41.00000		56.00000		68.24000			0.0	0.0	0.0
42.00000		56.00000		68.24000			0.0	0.0	0.0
43.00000		56.00000		68.24000			2.2358	0.40652	2.4672
44.00000		56.00000		68.24000			2.8534	0.51880	3.3251
45.00000		56.00000		68.24000			3.5197	0.63995	4.0320
46.00000		56.00000		68.24000			4.1860	0.76110	4.2375
47.00000		56.00000		68.24000			4.8523	0.88224	3.3131
48.00000		56.00000		68.24000			Point lies	within an	excavation.
49.00000		56.00000		68.24000			Point lies	within an	excavation.
50.00000		56.00000		68.24000			Point lies	within an	excavation.
51.00000		56.00000		68.24000			Point lies	within an	excavation.
52.00000		56.00000		68.24000			Point lies	within an	excavation.
53.00000		56.00000		68.24000			Point lies	within an	excavation.
54.00000		56.00000		68.24000			Point lies	within an	excavation.
55.00000		56.00000		68.24000			Point lies	within an	excavation.
56.00000		56.00000		68.24000			Point lies	within an	excavation.
57.00000		56.00000		68.24000			Point lies	within an	excavation.
58.00000		56.00000		68.24000			-2.6408	-3.8434	8.0716
59.00000		56.00000		68.24000			-1.7981	-4.0237	8.4064
60.00000		56.00000		68.24000			-0.95529	-4.2040	7.8545
61.00000		56.00000		68.24000			-0.11251	-4.3843	6.7667
62.00000		56.00000		68.24000			0.47428	-4.6107	5.2921
63.00000		56.00000		68.24000			Point lies	within an	excavation.
64.00000		56.00000		68.24000			-5.6692	-2.6443	4.2469
65.00000		56.00000		68.24000			-4.7987	-2.2906	5.1478
66.00000		56.00000		68.24000			-3.9282	-1.9369	5.1652
67.00000		56.00000		68.24000			-3.0577	-1.5832	4.4872
68.00000		56.00000		68.24000			-2.2344	-1.2380	2.8922
69.00000		56.00000		68.24000			-1.8657	-1.0337	2.1436
70.00000		56.00000		68.24000			-1.5941	-0.88322	1.5276
71.00000		56.00000		68.24000			-1.3225	-0.73273	1.1291
72.00000		56.00000		68.24000			-1.0509	-0.58224	0.96682
73.00000		56.00000		68.24000			-0.77925	-0.43174	0.97549
74.00000		56.00000		68.24000			-0.50763	-0.28125	1.0064
75.00000		56.00000		68.24000			-0.23601	-0.13076	0.82725
76.00000		56.00000		68.24000			0.0	0.0	0.0
77.00000		56.00000		68.24000			0.0	0.0	0.0
78.00000		56.00000		68.24000			0.0	0.0	0.0
79.00000		56.00000		68.24000			0.0	0.0	0.0
80.00000		56.00000		68.24000			0.0	0.0	0.0
81.00000		56.00000		68.24000			0.0	0.0	0.0
82.00000		56.00000		68.24000			0.0	0.0	0.0
83.00000		56.00000		68.24000			0.0	0.0	0.0
84.00000		56.00000		68.24000			0.0	0.0	0.0
85.00000		56.00000		68.24000			0.0	0.0	0.0
86.00000		56.00000		68.24000			0.0	0.0	0.0
87.00000		56.00000		68.24000			0.0	0.0	0.0
88.00000		56.00000		68.24000			0.0	0.0	0.0
89.00000		56.00000		68.24000			0.0	0.0	0.0
90.00000		56.00000		68.24000			0.0	0.0	0.0
91.00000		56.00000		68.24000			0.0	0.0	0.0
92.00000		56.00000		68.24000			0.0	0.0	0.0
93.00000		56.00000		68.24000			0.0	0.0	0.0
94.00000		56.00000		68.24000			0.0	0.0	0.0
95.00000		56.00000		68.24000			0.0	0.0	0.0
96.00000		56.00000		68.24000			0.0	0.0	0.0
97.00000		56.00000		68.24000			0.0	0.0	0.0
98.00000		56.00000		68.24000			0.0	0.0	0.0
99.00000		56.00000		68.24000			0.0	0.0	0.0
100.00000		56.00000		68.24000			0.0	0.0	0.0
0.00000		57.00000		68.24000			0.0	0.0	0.0
1.00000		57.00000		68.24000			0.0	0.0	0.0
2.00000		57.00000		68.24000			0.0	0.0	0.0
3.00000		57.00000		68.24000			0.0	0.0	0.0
4.00000		57.00000		68.24000			0.0	0.0	0.0
5.00000		57.00000		68.24000			0.0	0.0	0.0
6.00000		57.00000		68.24000			0.0	0.0	0.0
7.00000		57.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
8.00000		57.00000		68.24000			0.0	0.0	0.0
9.00000		57.00000		68.24000			0.0	0.0	0.0
10.00000		57.00000		68.24000			0.0	0.0	0.0
11.00000		57.00000		68.24000			0.0	0.0	0.0
12.00000		57.00000		68.24000			0.0	0.0	0.0
13.00000		57.00000		68.24000			0.0	0.0	0.0
14.00000		57.00000		68.24000			0.0	0.0	0.0
15.00000		57.00000		68.24000			0.0	0.0	0.0
16.00000		57.00000		68.24000			0.0	0.0	0.0
17.00000		57.00000		68.24000			0.0	0.0	0.0
18.00000		57.00000		68.24000			0.0	0.0	0.0
19.00000		57.00000		68.24000			0.0	0.0	0.0
20.00000		57.00000		68.24000			0.0	0.0	0.0
21.00000		57.00000		68.24000			0.0	0.0	0.0
22.00000		57.00000		68.24000			0.0	0.0	0.0
23.00000		57.00000		68.24000			0.0	0.0	0.0
24.00000		57.00000		68.24000			0.0	0.0	0.0
25.00000		57.00000		68.24000			0.0	0.0	0.0
26.00000		57.00000		68.24000			0.0	0.0	0.0
27.00000		57.00000		68.24000			0.0	0.0	0.0
28.00000		57.00000		68.24000			0.0	0.0	0.0
29.00000		57.00000		68.24000			0.0	0.0	0.0
30.00000		57.00000		68.24000			0.0	0.0	0.0
31.00000		57.00000		68.24000			0.0	0.0	0.0
32.00000		57.00000		68.24000			0.0	0.0	0.0
33.00000		57.00000		68.24000			0.0	0.0	0.0
34.00000		57.00000		68.24000			0.0	0.0	0.0
35.00000		57.00000		68.24000			0.0	0.0	0.0
36.00000		57.00000		68.24000			0.0	0.0	0.0
37.00000		57.00000		68.24000			0.0	0.0	0.0
38.00000		57.00000		68.24000			0.0	0.0	0.0
39.00000		57.00000		68.24000			0.0	0.0	0.0
40.00000		57.00000		68.24000			0.0	0.0	0.0
41.00000		57.00000		68.24000			0.0	0.0	0.0
42.00000		57.00000		68.24000			0.0	0.0	0.0
43.00000		57.00000		68.24000			0.0	0.0	0.0
44.00000		57.00000		68.24000			0.0	0.0	0.0
45.00000		57.00000		68.24000			0.0	0.0	0.0
46.00000		57.00000		68.24000			0.0	0.0	0.0
47.00000		57.00000		68.24000			0.98720	-4.7950	3.4052
48.00000		57.00000		68.24000			Point lies	within an	excavation.
49.00000		57.00000		68.24000			Point lies	within an	excavation.
50.00000		57.00000		68.24000			Point lies	within an	excavation.
51.00000		57.00000		68.24000			Point lies	within an	excavation.
52.00000		57.00000		68.24000			Point lies	within an	excavation.
53.00000		57.00000		68.24000			Point lies	within an	excavation.
54.00000		57.00000		68.24000			Point lies	within an	excavation.
55.00000		57.00000		68.24000			Point lies	within an	excavation.
56.00000		57.00000		68.24000			Point lies	within an	excavation.
57.00000		57.00000		68.24000			Point lies	within an	excavation.
58.00000		57.00000		68.24000			-2.8211	-3.3096	7.5480
59.00000		57.00000		68.24000			-1.9784	-3.4898	7.8824
60.00000		57.00000		68.24000			-1.1356	-3.6701	7.5442
61.00000		57.00000		68.24000			-0.29281	-3.8504	6.8664
62.00000		57.00000		68.24000			0.23586	-4.0873	6.0330
63.00000		57.00000		68.24000			0.75576	-4.3257	5.1028
64.00000		57.00000		68.24000			-1.2662	-0.22792	0.99005
65.00000		57.00000		68.24000			-4.4450	-2.1178	5.2256
66.00000		57.00000		68.24000			-3.5745	-1.7641	4.9071
67.00000		57.00000		68.24000			-2.7040	-1.4104	4.0166
68.00000		57.00000		68.24000			-1.9869	-1.1008	2.4647
69.00000		57.00000		68.24000			-1.7152	-0.95033	1.7796
70.00000		57.00000		68.24000			-1.4436	-0.79984	1.2768
71.00000		57.00000		68.24000			-1.1720	-0.64935	1.0123
72.00000		57.00000		68.24000			-0.90037	-0.49886	0.95808
73.00000		57.00000		68.24000			-0.62876	-0.34836	1.0028
74.00000		57.00000		68.24000			-0.35714	-0.19787	0.95140
75.00000		57.00000		68.24000			-0.085516	-0.047381	0.52511
76.00000		57.00000		68.24000			0.0	0.0	0.0
77.00000		57.00000		68.24000			0.0	0.0	0.0
78.00000		57.00000		68.24000			0.0	0.0	0.0
79.00000		57.00000		68.24000			0.0	0.0	0.0
80.00000		57.00000		68.24000			0.0	0.0	0.0
81.00000		57.00000		68.24000			0.0	0.0	0.0
82.00000		57.00000		68.24000			0.0	0.0	0.0
83.00000		57.00000		68.24000			0.0	0.0	0.0
84.00000		57.00000		68.24000			0.0	0.0	0.0



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 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
85.00000				85.00000	57.00000	68.24000	0.0	0.0	0.0
86.00000				86.00000	57.00000	68.24000	0.0	0.0	0.0
87.00000				87.00000	57.00000	68.24000	0.0	0.0	0.0
88.00000				88.00000	57.00000	68.24000	0.0	0.0	0.0
89.00000				89.00000	57.00000	68.24000	0.0	0.0	0.0
90.00000				90.00000	57.00000	68.24000	0.0	0.0	0.0
91.00000				91.00000	57.00000	68.24000	0.0	0.0	0.0
92.00000				92.00000	57.00000	68.24000	0.0	0.0	0.0
93.00000				93.00000	57.00000	68.24000	0.0	0.0	0.0
94.00000				94.00000	57.00000	68.24000	0.0	0.0	0.0
95.00000				95.00000	57.00000	68.24000	0.0	0.0	0.0
96.00000				96.00000	57.00000	68.24000	0.0	0.0	0.0
97.00000				97.00000	57.00000	68.24000	0.0	0.0	0.0
98.00000				98.00000	57.00000	68.24000	0.0	0.0	0.0
99.00000				99.00000	57.00000	68.24000	0.0	0.0	0.0
100.00000				100.00000	57.00000	68.24000	0.0	0.0	0.0
0.00000				0.00000	58.00000	68.24000	0.0	0.0	0.0
1.00000				1.00000	58.00000	68.24000	0.0	0.0	0.0
2.00000				2.00000	58.00000	68.24000	0.0	0.0	0.0
3.00000				3.00000	58.00000	68.24000	0.0	0.0	0.0
4.00000				4.00000	58.00000	68.24000	0.0	0.0	0.0
5.00000				5.00000	58.00000	68.24000	0.0	0.0	0.0
6.00000				6.00000	58.00000	68.24000	0.0	0.0	0.0
7.00000				7.00000	58.00000	68.24000	0.0	0.0	0.0
8.00000				8.00000	58.00000	68.24000	0.0	0.0	0.0
9.00000				9.00000	58.00000	68.24000	0.0	0.0	0.0
10.00000				10.00000	58.00000	68.24000	0.0	0.0	0.0
11.00000				11.00000	58.00000	68.24000	0.0	0.0	0.0
12.00000				12.00000	58.00000	68.24000	0.0	0.0	0.0
13.00000				13.00000	58.00000	68.24000	0.0	0.0	0.0
14.00000				14.00000	58.00000	68.24000	0.0	0.0	0.0
15.00000				15.00000	58.00000	68.24000	0.0	0.0	0.0
16.00000				16.00000	58.00000	68.24000	0.0	0.0	0.0
17.00000				17.00000	58.00000	68.24000	0.0	0.0	0.0
18.00000				18.00000	58.00000	68.24000	0.0	0.0	0.0
19.00000				19.00000	58.00000	68.24000	0.0	0.0	0.0
20.00000				20.00000	58.00000	68.24000	0.0	0.0	0.0
21.00000				21.00000	58.00000	68.24000	0.0	0.0	0.0
22.00000				22.00000	58.00000	68.24000	0.0	0.0	0.0
23.00000				23.00000	58.00000	68.24000	0.0	0.0	0.0
24.00000				24.00000	58.00000	68.24000	0.0	0.0	0.0
25.00000				25.00000	58.00000	68.24000	0.0	0.0	0.0
26.00000				26.00000	58.00000	68.24000	0.0	0.0	0.0
27.00000				27.00000	58.00000	68.24000	0.0	0.0	0.0
28.00000				28.00000	58.00000	68.24000	0.0	0.0	0.0
29.00000				29.00000	58.00000	68.24000	0.0	0.0	0.0
30.00000				30.00000	58.00000	68.24000	0.0	0.0	0.0
31.00000				31.00000	58.00000	68.24000	0.0	0.0	0.0
32.00000				32.00000	58.00000	68.24000	0.0	0.0	0.0
33.00000				33.00000	58.00000	68.24000	0.0	0.0	0.0
34.00000				34.00000	58.00000	68.24000	0.0	0.0	0.0
35.00000				35.00000	58.00000	68.24000	0.0	0.0	0.0
36.00000				36.00000	58.00000	68.24000	0.0	0.0	0.0
37.00000				37.00000	58.00000	68.24000	0.0	0.0	0.0
38.00000				38.00000	58.00000	68.24000	0.0	0.0	0.0
39.00000				39.00000	58.00000	68.24000	0.0	0.0	0.0
40.00000				40.00000	58.00000	68.24000	0.028400	0.0	0.34361
41.00000				41.00000	58.00000	68.24000	0.38340	0.0	0.93532
42.00000				42.00000	58.00000	68.24000	0.73840	0.0	1.0004
43.00000				43.00000	58.00000	68.24000	1.0934	0.0	0.95626
44.00000				44.00000	58.00000	68.24000	1.4484	0.0	1.0776
45.00000				45.00000	58.00000	68.24000	1.8034	0.0	1.4963
46.00000				46.00000	58.00000	68.24000	2.1584	0.0	2.2012
47.00000				47.00000	58.00000	68.24000	3.5413	-4.1346	7.3125
48.00000				48.00000	58.00000	68.24000	4.2576	-4.2706	8.0432
49.00000				49.00000	58.00000	68.24000	4.9740	-4.4066	8.3377
50.00000				50.00000	58.00000	68.24000	5.6903	-4.5425	7.6152
51.00000				51.00000	58.00000	68.24000	Point lies within an excavation.		
52.00000				52.00000	58.00000	68.24000	Point lies within an excavation.		
53.00000				53.00000	58.00000	68.24000	Point lies within an excavation.		
54.00000				54.00000	58.00000	68.24000	Point lies within an excavation.		
55.00000				55.00000	58.00000	68.24000	Point lies within an excavation.		
56.00000				56.00000	58.00000	68.24000	Point lies within an excavation.		
57.00000				57.00000	58.00000	68.24000	-3.7635	-2.7330	5.5083
58.00000				58.00000	58.00000	68.24000	-3.0014	-2.7757	6.8556
59.00000				59.00000	58.00000	68.24000	-2.1587	-2.9560	7.0986
60.00000				60.00000	58.00000	68.24000	-1.3159	-3.1363	6.8151



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				61.00000	58.00000	68.24000	-0.52245	-3.3254	6.3307
				62.00000	58.00000	68.24000	-0.0025509	-3.5638	5.8492
				63.00000	58.00000	68.24000	-1.5482	-0.27868	1.1884
				64.00000	58.00000	68.24000	-1.2043	-0.21678	0.97152
				65.00000	58.00000	68.24000	-0.86048	-0.15489	0.97827
				66.00000	58.00000	68.24000	-3.2208	-1.5912	4.5483
				67.00000	58.00000	68.24000	-2.3503	-1.2376	3.4936
				68.00000	58.00000	68.24000	-1.8364	-1.0174	2.0690
				69.00000	58.00000	68.24000	-1.5647	-0.86695	1.4730
				70.00000	58.00000	68.24000	-1.2931	-0.71646	1.1007
				71.00000	58.00000	68.24000	-1.0215	-0.56597	0.96145
				72.00000	58.00000	68.24000	-0.74988	-0.41548	0.98119
				73.00000	58.00000	68.24000	-0.47826	-0.26498	1.0021
				74.00000	58.00000	68.24000	-0.20664	-0.11449	0.78277
				75.00000	58.00000	68.24000	0.0	0.0	0.0
				76.00000	58.00000	68.24000	0.0	0.0	0.0
				77.00000	58.00000	68.24000	0.0	0.0	0.0
				78.00000	58.00000	68.24000	0.0	0.0	0.0
				79.00000	58.00000	68.24000	0.0	0.0	0.0
				80.00000	58.00000	68.24000	0.0	0.0	0.0
				81.00000	58.00000	68.24000	0.0	0.0	0.0
				82.00000	58.00000	68.24000	0.0	0.0	0.0
				83.00000	58.00000	68.24000	0.0	0.0	0.0
				84.00000	58.00000	68.24000	0.0	0.0	0.0
				85.00000	58.00000	68.24000	0.0	0.0	0.0
				86.00000	58.00000	68.24000	0.0	0.0	0.0
				87.00000	58.00000	68.24000	0.0	0.0	0.0
				88.00000	58.00000	68.24000	0.0	0.0	0.0
				89.00000	58.00000	68.24000	0.0	0.0	0.0
				90.00000	58.00000	68.24000	0.0	0.0	0.0
				91.00000	58.00000	68.24000	0.0	0.0	0.0
				92.00000	58.00000	68.24000	0.0	0.0	0.0
				93.00000	58.00000	68.24000	0.0	0.0	0.0
				94.00000	58.00000	68.24000	0.0	0.0	0.0
				95.00000	58.00000	68.24000	0.0	0.0	0.0
				96.00000	58.00000	68.24000	0.0	0.0	0.0
				97.00000	58.00000	68.24000	0.0	0.0	0.0
				98.00000	58.00000	68.24000	0.0	0.0	0.0
				99.00000	58.00000	68.24000	0.0	0.0	0.0
				100.00000	58.00000	68.24000	0.0	0.0	0.0
				0.00000	59.00000	68.24000	0.0	0.0	0.0
				1.00000	59.00000	68.24000	0.0	0.0	0.0
				2.00000	59.00000	68.24000	0.0	0.0	0.0
				3.00000	59.00000	68.24000	0.0	0.0	0.0
				4.00000	59.00000	68.24000	0.0	0.0	0.0
				5.00000	59.00000	68.24000	0.0	0.0	0.0
				6.00000	59.00000	68.24000	0.0	0.0	0.0
				7.00000	59.00000	68.24000	0.0	0.0	0.0
				8.00000	59.00000	68.24000	0.0	0.0	0.0
				9.00000	59.00000	68.24000	0.0	0.0	0.0
				10.00000	59.00000	68.24000	0.0	0.0	0.0
				11.00000	59.00000	68.24000	0.0	0.0	0.0
				12.00000	59.00000	68.24000	0.0	0.0	0.0
				13.00000	59.00000	68.24000	0.0	0.0	0.0
				14.00000	59.00000	68.24000	0.0	0.0	0.0
				15.00000	59.00000	68.24000	0.0	0.0	0.0
				16.00000	59.00000	68.24000	0.0	0.0	0.0
				17.00000	59.00000	68.24000	0.0	0.0	0.0
				18.00000	59.00000	68.24000	0.0	0.0	0.0
				19.00000	59.00000	68.24000	0.0	0.0	0.0
				20.00000	59.00000	68.24000	0.0	0.0	0.0
				21.00000	59.00000	68.24000	0.0	0.0	0.0
				22.00000	59.00000	68.24000	0.0	0.0	0.0
				23.00000	59.00000	68.24000	0.0	0.0	0.0
				24.00000	59.00000	68.24000	0.0	0.0	0.0
				25.00000	59.00000	68.24000	0.0	0.0	0.0
				26.00000	59.00000	68.24000	0.0	0.0	0.0
				27.00000	59.00000	68.24000	0.0	0.0	0.0
				28.00000	59.00000	68.24000	0.0	0.0	0.0
				29.00000	59.00000	68.24000	0.0	0.0	0.0
				30.00000	59.00000	68.24000	0.0	0.0	0.0
				31.00000	59.00000	68.24000	0.0	0.0	0.0
				32.00000	59.00000	68.24000	0.0	0.0	0.0
				33.00000	59.00000	68.24000	0.0	0.0	0.0
				34.00000	59.00000	68.24000	0.0	0.0	0.0
				35.00000	59.00000	68.24000	0.0	0.0	0.0
				36.00000	59.00000	68.24000	0.0	0.0	0.0



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				37.00000	59.00000	68.24000	0.0	0.0	0.0
				38.00000	59.00000	68.24000	0.0	0.0	0.0
				39.00000	59.00000	68.24000	0.0	0.0	0.0
				40.00000	59.00000	68.24000	0.0	0.0	0.0
				41.00000	59.00000	68.24000	0.0	0.0	0.0
				42.00000	59.00000	68.24000	0.0	0.0	0.0
				43.00000	59.00000	68.24000	0.0	0.0	0.0
				44.00000	59.00000	68.24000	0.0	0.0	0.0
				45.00000	59.00000	68.24000	0.0	0.0	0.0
				46.00000	59.00000	68.24000	0.0	0.0	0.0
				47.00000	59.00000	68.24000	0.71530	-3.4743	4.0075
				48.00000	59.00000	68.24000	0.74329	-3.6103	4.1116
				49.00000	59.00000	68.24000	0.77128	-3.7462	4.1921
				50.00000	59.00000	68.24000	0.79927	-3.8822	4.2443
				51.00000	59.00000	68.24000	0.15200	-4.5601	4.0057
				52.00000	59.00000	68.24000	0.15277	-4.5830	3.9771
				53.00000	59.00000	68.24000	0.15353	-4.6059	3.9468
				54.00000	59.00000	68.24000	-0.13540	-4.6034	3.9509
				55.00000	59.00000	68.24000	0.61872	-5.8686	5.0878
				56.00000	59.00000	68.24000	0.71011	-6.0033	5.3039
				57.00000	59.00000	68.24000	0.012431	-5.4424	5.6169
				58.00000	59.00000	68.24000	-1.9852	-3.3320	6.1790
				59.00000	59.00000	68.24000	-1.9569	-2.7844	6.2308
				60.00000	59.00000	68.24000	-1.4222	-2.6645	5.9242
				61.00000	59.00000	68.24000	-0.76087	-2.8020	5.5131
				62.00000	59.00000	68.24000	-0.24096	-3.0404	5.1991
				63.00000	59.00000	68.24000	-1.4863	-0.26753	1.1276
				64.00000	59.00000	68.24000	-1.1424	-0.20564	0.96058
				65.00000	59.00000	68.24000	-0.79859	-0.14375	0.98909
				66.00000	59.00000	68.24000	-0.45473	-0.081851	0.97825
				67.00000	59.00000	68.24000	-0.11087	-0.019956	0.55915
				68.00000	59.00000	68.24000	-1.6859	-0.93406	1.7147
				69.00000	59.00000	68.24000	-1.4142	-0.78357	1.2365
				70.00000	59.00000	68.24000	-1.1426	-0.63308	0.99755
				71.00000	59.00000	68.24000	-0.87101	-0.48259	0.96091
				72.00000	59.00000	68.24000	-0.59939	-0.33209	1.0062
				73.00000	59.00000	68.24000	-0.32777	-0.18160	0.92913
				74.00000	59.00000	68.24000	-0.056152	-0.031111	0.44210
				75.00000	59.00000	68.24000	0.0	0.0	0.0
				76.00000	59.00000	68.24000	0.0	0.0	0.0
				77.00000	59.00000	68.24000	0.0	0.0	0.0
				78.00000	59.00000	68.24000	0.0	0.0	0.0
				79.00000	59.00000	68.24000	0.0	0.0	0.0
				80.00000	59.00000	68.24000	0.0	0.0	0.0
				81.00000	59.00000	68.24000	0.0	0.0	0.0
				82.00000	59.00000	68.24000	0.0	0.0	0.0
				83.00000	59.00000	68.24000	0.0	0.0	0.0
				84.00000	59.00000	68.24000	0.0	0.0	0.0
				85.00000	59.00000	68.24000	0.0	0.0	0.0
				86.00000	59.00000	68.24000	0.0	0.0	0.0
				87.00000	59.00000	68.24000	0.0	0.0	0.0
				88.00000	59.00000	68.24000	0.0	0.0	0.0
				89.00000	59.00000	68.24000	0.0	0.0	0.0
				90.00000	59.00000	68.24000	0.0	0.0	0.0
				91.00000	59.00000	68.24000	0.0	0.0	0.0
				92.00000	59.00000	68.24000	0.0	0.0	0.0
				93.00000	59.00000	68.24000	0.0	0.0	0.0
				94.00000	59.00000	68.24000	0.0	0.0	0.0
				95.00000	59.00000	68.24000	0.0	0.0	0.0
				96.00000	59.00000	68.24000	0.0	0.0	0.0
				97.00000	59.00000	68.24000	0.0	0.0	0.0
				98.00000	59.00000	68.24000	0.0	0.0	0.0
				99.00000	59.00000	68.24000	0.0	0.0	0.0
				100.00000	59.00000	68.24000	0.0	0.0	0.0
				0.00000	60.00000	68.24000	0.0	0.0	0.0
				1.00000	60.00000	68.24000	0.0	0.0	0.0
				2.00000	60.00000	68.24000	0.0	0.0	0.0
				3.00000	60.00000	68.24000	0.0	0.0	0.0
				4.00000	60.00000	68.24000	0.0	0.0	0.0
				5.00000	60.00000	68.24000	0.0	0.0	0.0
				6.00000	60.00000	68.24000	0.0	0.0	0.0
				7.00000	60.00000	68.24000	0.0	0.0	0.0
				8.00000	60.00000	68.24000	0.0	0.0	0.0
				9.00000	60.00000	68.24000	0.0	0.0	0.0
				10.00000	60.00000	68.24000	0.0	0.0	0.0
				11.00000	60.00000	68.24000	0.0	0.0	0.0
				12.00000	60.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				13.00000	60.00000	68.24000	0.0	0.0	0.0
				14.00000	60.00000	68.24000	0.0	0.0	0.0
				15.00000	60.00000	68.24000	0.0	0.0	0.0
				16.00000	60.00000	68.24000	0.0	0.0	0.0
				17.00000	60.00000	68.24000	0.0	0.0	0.0
				18.00000	60.00000	68.24000	0.0	0.0	0.0
				19.00000	60.00000	68.24000	0.0	0.0	0.0
				20.00000	60.00000	68.24000	0.0	0.0	0.0
				21.00000	60.00000	68.24000	0.0	0.0	0.0
				22.00000	60.00000	68.24000	0.0	0.0	0.0
				23.00000	60.00000	68.24000	0.0	0.0	0.0
				24.00000	60.00000	68.24000	0.0	0.0	0.0
				25.00000	60.00000	68.24000	0.0	0.0	0.0
				26.00000	60.00000	68.24000	0.0	0.0	0.0
				27.00000	60.00000	68.24000	0.0	0.0	0.0
				28.00000	60.00000	68.24000	0.0	0.0	0.0
				29.00000	60.00000	68.24000	0.0	0.0	0.0
				30.00000	60.00000	68.24000	0.0	0.0	0.0
				31.00000	60.00000	68.24000	0.0	0.0	0.0
				32.00000	60.00000	68.24000	0.0	0.0	0.0
				33.00000	60.00000	68.24000	0.0	0.0	0.0
				34.00000	60.00000	68.24000	0.0	0.0	0.0
				35.00000	60.00000	68.24000	0.0	0.0	0.0
				36.00000	60.00000	68.24000	0.0	0.0	0.0
				37.00000	60.00000	68.24000	0.0	0.0	0.0
				38.00000	60.00000	68.24000	0.0	0.0	0.0
				39.00000	60.00000	68.24000	0.0	0.0	0.0
				40.00000	60.00000	68.24000	0.0	0.0	0.0
				41.00000	60.00000	68.24000	0.0	0.0	0.0
				42.00000	60.00000	68.24000	0.0	0.0	0.0
				43.00000	60.00000	68.24000	0.0	0.0	0.0
				44.00000	60.00000	68.24000	0.0	0.0	0.0
				45.00000	60.00000	68.24000	0.0	0.0	0.0
				46.00000	60.00000	68.24000	0.0	0.0	0.0
				47.00000	60.00000	68.24000	0.57935	-2.8140	3.2920
				48.00000	60.00000	68.24000	0.60734	-2.9499	3.4582
				49.00000	60.00000	68.24000	0.63533	-3.0859	3.6171
				50.00000	60.00000	68.24000	0.0	0.0	0.0
				51.00000	60.00000	68.24000	0.12908	-3.8725	4.2144
				52.00000	60.00000	68.24000	0.12985	-3.8954	4.2233
				53.00000	60.00000	68.24000	0.13061	-3.9183	4.2315
				54.00000	60.00000	68.24000	0.39268	-4.7820	5.1905
				55.00000	60.00000	68.24000	0.48407	-4.9167	5.1869
				56.00000	60.00000	68.24000	0.57545	-5.0513	5.2394
				57.00000	60.00000	68.24000	0.43036	-4.9777	5.3627
				58.00000	60.00000	68.24000	-0.70956	-3.8120	5.4209
				59.00000	60.00000	68.24000	-1.0583	-3.0949	5.2461
				60.00000	60.00000	68.24000	-0.89243	-2.7196	4.8982
				61.00000	60.00000	68.24000	-0.62965	-2.5877	4.5364
				62.00000	60.00000	68.24000	-1.5784	-0.46293	1.4563
				63.00000	60.00000	68.24000	-1.3252	-0.33244	1.0703
				64.00000	60.00000	68.24000	-1.0356	-0.22932	0.95627
				65.00000	60.00000	68.24000	-0.72189	-0.14429	0.99913
				66.00000	60.00000	68.24000	-0.39150	-0.071818	0.94575
				67.00000	60.00000	68.24000	-0.048973	-0.0088152	0.40366
				68.00000	60.00000	68.24000	0.0	0.0	0.0
				69.00000	60.00000	68.24000	0.0	0.0	0.0
				70.00000	60.00000	68.24000	-0.99214	-0.54970	0.95803
				71.00000	60.00000	68.24000	-0.72052	-0.39921	0.98699
				72.00000	60.00000	68.24000	-0.44890	-0.24871	0.99506
				73.00000	60.00000	68.24000	-0.17728	-0.098223	0.73178
				74.00000	60.00000	68.24000	0.0	0.0	0.0
				75.00000	60.00000	68.24000	0.0	0.0	0.0
				76.00000	60.00000	68.24000	0.0	0.0	0.0
				77.00000	60.00000	68.24000	0.0	0.0	0.0
				78.00000	60.00000	68.24000	0.0	0.0	0.0
				79.00000	60.00000	68.24000	0.0	0.0	0.0
				80.00000	60.00000	68.24000	0.0	0.0	0.0
				81.00000	60.00000	68.24000	0.0	0.0	0.0
				82.00000	60.00000	68.24000	0.0	0.0	0.0
				83.00000	60.00000	68.24000	0.0	0.0	0.0
				84.00000	60.00000	68.24000	0.0	0.0	0.0
				85.00000	60.00000	68.24000	0.0	0.0	0.0
				86.00000	60.00000	68.24000	0.0	0.0	0.0
				87.00000	60.00000	68.24000	0.0	0.0	0.0
				88.00000	60.00000	68.24000	0.0	0.0	0.0
				89.00000	60.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
90.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
91.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
92.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
93.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
94.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
95.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
96.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
97.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
98.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
99.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
100.00000		60.00000		60.00000	68.24000	68.24000	0.0	0.0	0.0
0.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
1.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
2.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
3.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
4.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
5.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
6.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
7.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
8.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
9.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
10.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
11.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
12.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
13.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
14.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
15.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
16.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
17.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
18.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
19.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
20.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
21.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
22.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
23.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
24.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
25.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
26.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
27.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
28.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
29.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
30.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
31.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
32.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
33.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
34.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
35.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
36.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
37.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
38.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
39.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
40.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
41.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
42.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
43.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
44.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
45.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
46.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
47.00000		61.00000		61.00000	68.24000	68.24000	0.45574	-2.2136	2.4377
48.00000		61.00000		61.00000	68.24000	68.24000	0.47138	-2.2896	2.6096
49.00000		61.00000		61.00000	68.24000	68.24000	0.49937	-2.4255	2.7913
50.00000		61.00000		61.00000	68.24000	68.24000	0.0	0.0	0.0
51.00000		61.00000		61.00000	68.24000	68.24000	0.10616	-3.1849	3.6569
52.00000		61.00000		61.00000	68.24000	68.24000	0.10693	-3.2078	3.6819
53.00000		61.00000		61.00000	68.24000	68.24000	0.10769	-3.2308	3.7065
54.00000		61.00000		61.00000	68.24000	68.24000	0.25803	-3.8301	4.7081
55.00000		61.00000		61.00000	68.24000	68.24000	0.34941	-3.9647	4.6591
56.00000		61.00000		61.00000	68.24000	68.24000	0.44080	-4.0994	4.6160
57.00000		61.00000		61.00000	68.24000	68.24000	0.43347	-4.1471	4.6097
58.00000		61.00000		61.00000	68.24000	68.24000	-0.18797	-3.5141	4.4956
59.00000		61.00000		61.00000	68.24000	68.24000	-0.47706	-2.9691	4.2052
60.00000		61.00000		61.00000	68.24000	68.24000	-0.48308	-2.6317	3.8279
61.00000		61.00000		61.00000	68.24000	68.24000	-1.3806	-0.80716	1.7542
62.00000		61.00000		61.00000	68.24000	68.24000	-1.2688	-0.58828	1.2645
63.00000		61.00000		61.00000	68.24000	68.24000	-1.0839	-0.41900	1.0032
64.00000		61.00000		61.00000	68.24000	68.24000	-0.84958	-0.28345	0.96145
65.00000		61.00000		61.00000	68.24000	68.24000	-0.58100	-0.17152	1.0080



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				66.00000	61.00000	68.24000	-0.28784	-0.076607	0.87926
				67.00000	61.00000	68.24000	0.0	0.0	0.0
				68.00000	61.00000	68.24000	0.0	0.0	0.0
				69.00000	61.00000	68.24000	0.0	0.0	0.0
				70.00000	61.00000	68.24000	0.0	0.0	0.0
				71.00000	61.00000	68.24000	0.0	0.0	0.0
				72.00000	61.00000	68.24000	-0.29841	-0.16533	0.90216
				73.00000	61.00000	68.24000	-0.026788	-0.014842	0.35004
				74.00000	61.00000	68.24000	0.0	0.0	0.0
				75.00000	61.00000	68.24000	0.0	0.0	0.0
				76.00000	61.00000	68.24000	0.0	0.0	0.0
				77.00000	61.00000	68.24000	0.0	0.0	0.0
				78.00000	61.00000	68.24000	0.0	0.0	0.0
				79.00000	61.00000	68.24000	0.0	0.0	0.0
				80.00000	61.00000	68.24000	0.0	0.0	0.0
				81.00000	61.00000	68.24000	0.0	0.0	0.0
				82.00000	61.00000	68.24000	0.0	0.0	0.0
				83.00000	61.00000	68.24000	0.0	0.0	0.0
				84.00000	61.00000	68.24000	0.0	0.0	0.0
				85.00000	61.00000	68.24000	0.0	0.0	0.0
				86.00000	61.00000	68.24000	0.0	0.0	0.0
				87.00000	61.00000	68.24000	0.0	0.0	0.0
				88.00000	61.00000	68.24000	0.0	0.0	0.0
				89.00000	61.00000	68.24000	0.0	0.0	0.0
				90.00000	61.00000	68.24000	0.0	0.0	0.0
				91.00000	61.00000	68.24000	0.0	0.0	0.0
				92.00000	61.00000	68.24000	0.0	0.0	0.0
				93.00000	61.00000	68.24000	0.0	0.0	0.0
				94.00000	61.00000	68.24000	0.0	0.0	0.0
				95.00000	61.00000	68.24000	0.0	0.0	0.0
				96.00000	61.00000	68.24000	0.0	0.0	0.0
				97.00000	61.00000	68.24000	0.0	0.0	0.0
				98.00000	61.00000	68.24000	0.0	0.0	0.0
				99.00000	61.00000	68.24000	0.0	0.0	0.0
				100.00000	61.00000	68.24000	0.0	0.0	0.0
				0.00000	62.00000	68.24000	0.0	0.0	0.0
				1.00000	62.00000	68.24000	0.0	0.0	0.0
				2.00000	62.00000	68.24000	0.0	0.0	0.0
				3.00000	62.00000	68.24000	0.0	0.0	0.0
				4.00000	62.00000	68.24000	0.0	0.0	0.0
				5.00000	62.00000	68.24000	0.0	0.0	0.0
				6.00000	62.00000	68.24000	0.0	0.0	0.0
				7.00000	62.00000	68.24000	0.0	0.0	0.0
				8.00000	62.00000	68.24000	0.0	0.0	0.0
				9.00000	62.00000	68.24000	0.0	0.0	0.0
				10.00000	62.00000	68.24000	0.0	0.0	0.0
				11.00000	62.00000	68.24000	0.0	0.0	0.0
				12.00000	62.00000	68.24000	0.0	0.0	0.0
				13.00000	62.00000	68.24000	0.0	0.0	0.0
				14.00000	62.00000	68.24000	0.0	0.0	0.0
				15.00000	62.00000	68.24000	0.0	0.0	0.0
				16.00000	62.00000	68.24000	0.0	0.0	0.0
				17.00000	62.00000	68.24000	0.0	0.0	0.0
				18.00000	62.00000	68.24000	0.0	0.0	0.0
				19.00000	62.00000	68.24000	0.0	0.0	0.0
				20.00000	62.00000	68.24000	0.0	0.0	0.0
				21.00000	62.00000	68.24000	0.0	0.0	0.0
				22.00000	62.00000	68.24000	0.0	0.0	0.0
				23.00000	62.00000	68.24000	0.0	0.0	0.0
				24.00000	62.00000	68.24000	0.0	0.0	0.0
				25.00000	62.00000	68.24000	0.0	0.0	0.0
				26.00000	62.00000	68.24000	0.0	0.0	0.0
				27.00000	62.00000	68.24000	0.0	0.0	0.0
				28.00000	62.00000	68.24000	0.0	0.0	0.0
				29.00000	62.00000	68.24000	0.0	0.0	0.0
				30.00000	62.00000	68.24000	0.0	0.0	0.0
				31.00000	62.00000	68.24000	0.0	0.0	0.0
				32.00000	62.00000	68.24000	0.0	0.0	0.0
				33.00000	62.00000	68.24000	0.0	0.0	0.0
				34.00000	62.00000	68.24000	0.0	0.0	0.0
				35.00000	62.00000	68.24000	0.0	0.0	0.0
				36.00000	62.00000	68.24000	0.0	0.0	0.0
				37.00000	62.00000	68.24000	0.0	0.0	0.0
				38.00000	62.00000	68.24000	0.0	0.0	0.0
				39.00000	62.00000	68.24000	0.0	0.0	0.0
				40.00000	62.00000	68.24000	0.0	0.0	0.0
				41.00000	62.00000	68.24000	0.0	0.0	0.0



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Job No. Sheet No. Rev.

Drg. Ref.

Made by Date 30-Sep-2024 Checked Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				42.00000	62.00000	68.24000	0.0	0.0	0.0
				43.00000	62.00000	68.24000	0.0	0.0	0.0
				44.00000	62.00000	68.24000	0.0	0.0	0.0
				45.00000	62.00000	68.24000	0.0	0.0	0.0
				46.00000	62.00000	68.24000	0.37119	-1.8029	1.5585
				47.00000	62.00000	68.24000	0.38563	-1.8730	1.6865
				48.00000	62.00000	68.24000	0.40006	-1.9432	1.8253
				49.00000	62.00000	68.24000	0.41450	-2.0133	1.9738
				50.00000	62.00000	68.24000	0.0	0.0	0.0
				51.00000	62.00000	68.24000	0.083245	-2.4974	2.8202
				52.00000	62.00000	68.24000	0.084009	-2.5203	2.8499
				53.00000	62.00000	68.24000	0.19207	-2.7262	3.6263
				54.00000	62.00000	68.24000	0.12338	-2.8781	3.8162
				55.00000	62.00000	68.24000	0.21476	-3.0128	3.8546
				56.00000	62.00000	68.24000	0.30615	-3.1475	3.8216
				57.00000	62.00000	68.24000	0.35484	-3.2445	3.7650
				58.00000	62.00000	68.24000	0.023720	-2.9060	3.5865
				59.00000	62.00000	68.24000	-0.19087	-2.6331	3.2700
				60.00000	62.00000	68.24000	-0.26532	-2.4320	2.9182
				61.00000	62.00000	68.24000	-1.0454	-0.87600	1.3887
				62.00000	62.00000	68.24000	-0.98314	-0.64416	1.0824
				63.00000	62.00000	68.24000	-0.84722	-0.45630	0.96017
				64.00000	62.00000	68.24000	-0.65739	-0.30148	0.98303
				65.00000	62.00000	68.24000	-0.42778	-0.17142	0.99826
				66.00000	62.00000	68.24000	-0.16836	-0.060128	0.72770
				67.00000	62.00000	68.24000	0.0	0.0	0.0
				68.00000	62.00000	68.24000	0.0	0.0	0.0
				69.00000	62.00000	68.24000	0.0	0.0	0.0
				70.00000	62.00000	68.24000	0.0	0.0	0.0
				71.00000	62.00000	68.24000	0.0	0.0	0.0
				72.00000	62.00000	68.24000	0.0	0.0	0.0
				73.00000	62.00000	68.24000	0.0	0.0	0.0
				74.00000	62.00000	68.24000	0.0	0.0	0.0
				75.00000	62.00000	68.24000	0.0	0.0	0.0
				76.00000	62.00000	68.24000	0.0	0.0	0.0
				77.00000	62.00000	68.24000	0.0	0.0	0.0
				78.00000	62.00000	68.24000	0.0	0.0	0.0
				79.00000	62.00000	68.24000	0.0	0.0	0.0
				80.00000	62.00000	68.24000	0.0	0.0	0.0
				81.00000	62.00000	68.24000	0.0	0.0	0.0
				82.00000	62.00000	68.24000	0.0	0.0	0.0
				83.00000	62.00000	68.24000	0.0	0.0	0.0
				84.00000	62.00000	68.24000	0.0	0.0	0.0
				85.00000	62.00000	68.24000	0.0	0.0	0.0
				86.00000	62.00000	68.24000	0.0	0.0	0.0
				87.00000	62.00000	68.24000	0.0	0.0	0.0
				88.00000	62.00000	68.24000	0.0	0.0	0.0
				89.00000	62.00000	68.24000	0.0	0.0	0.0
				90.00000	62.00000	68.24000	0.0	0.0	0.0
				91.00000	62.00000	68.24000	0.0	0.0	0.0
				92.00000	62.00000	68.24000	0.0	0.0	0.0
				93.00000	62.00000	68.24000	0.0	0.0	0.0
				94.00000	62.00000	68.24000	0.0	0.0	0.0
				95.00000	62.00000	68.24000	0.0	0.0	0.0
				96.00000	62.00000	68.24000	0.0	0.0	0.0
				97.00000	62.00000	68.24000	0.0	0.0	0.0
				98.00000	62.00000	68.24000	0.0	0.0	0.0
				99.00000	62.00000	68.24000	0.0	0.0	0.0
				100.00000	62.00000	68.24000	0.0	0.0	0.0
				0.00000	63.00000	68.24000	0.0	0.0	0.0
				1.00000	63.00000	68.24000	0.0	0.0	0.0
				2.00000	63.00000	68.24000	0.0	0.0	0.0
				3.00000	63.00000	68.24000	0.0	0.0	0.0
				4.00000	63.00000	68.24000	0.0	0.0	0.0
				5.00000	63.00000	68.24000	0.0	0.0	0.0
				6.00000	63.00000	68.24000	0.0	0.0	0.0
				7.00000	63.00000	68.24000	0.0	0.0	0.0
				8.00000	63.00000	68.24000	0.0	0.0	0.0
				9.00000	63.00000	68.24000	0.0	0.0	0.0
				10.00000	63.00000	68.24000	0.0	0.0	0.0
				11.00000	63.00000	68.24000	0.0	0.0	0.0
				12.00000	63.00000	68.24000	0.0	0.0	0.0
				13.00000	63.00000	68.24000	0.0	0.0	0.0
				14.00000	63.00000	68.24000	0.0	0.0	0.0
				15.00000	63.00000	68.24000	0.0	0.0	0.0
				16.00000	63.00000	68.24000	0.0	0.0	0.0
				17.00000	63.00000	68.24000	0.0	0.0	0.0



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 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
18.00000	63.00000	68.24000		18.00000	63.00000	68.24000	0.0	0.0	0.0
19.00000	63.00000	68.24000		19.00000	63.00000	68.24000	0.0	0.0	0.0
20.00000	63.00000	68.24000		20.00000	63.00000	68.24000	0.0	0.0	0.0
21.00000	63.00000	68.24000		21.00000	63.00000	68.24000	0.0	0.0	0.0
22.00000	63.00000	68.24000		22.00000	63.00000	68.24000	0.0	0.0	0.0
23.00000	63.00000	68.24000		23.00000	63.00000	68.24000	0.0	0.0	0.0
24.00000	63.00000	68.24000		24.00000	63.00000	68.24000	0.0	0.0	0.0
25.00000	63.00000	68.24000		25.00000	63.00000	68.24000	0.0	0.0	0.0
26.00000	63.00000	68.24000		26.00000	63.00000	68.24000	0.0	0.0	0.0
27.00000	63.00000	68.24000		27.00000	63.00000	68.24000	0.0	0.0	0.0
28.00000	63.00000	68.24000		28.00000	63.00000	68.24000	0.0	0.0	0.0
29.00000	63.00000	68.24000		29.00000	63.00000	68.24000	0.0	0.0	0.0
30.00000	63.00000	68.24000		30.00000	63.00000	68.24000	0.0	0.0	0.0
31.00000	63.00000	68.24000		31.00000	63.00000	68.24000	0.0	0.0	0.0
32.00000	63.00000	68.24000		32.00000	63.00000	68.24000	0.0	0.0	0.0
33.00000	63.00000	68.24000		33.00000	63.00000	68.24000	0.0	0.0	0.0
34.00000	63.00000	68.24000		34.00000	63.00000	68.24000	0.0	0.0	0.0
35.00000	63.00000	68.24000		35.00000	63.00000	68.24000	0.0	0.0	0.0
36.00000	63.00000	68.24000		36.00000	63.00000	68.24000	0.0	0.0	0.0
37.00000	63.00000	68.24000		37.00000	63.00000	68.24000	0.0	0.0	0.0
38.00000	63.00000	68.24000		38.00000	63.00000	68.24000	0.0	0.0	0.0
39.00000	63.00000	68.24000		39.00000	63.00000	68.24000	0.0	0.0	0.0
40.00000	63.00000	68.24000		40.00000	63.00000	68.24000	0.0	0.0	0.0
41.00000	63.00000	68.24000		41.00000	63.00000	68.24000	0.0	0.0	0.0
42.00000	63.00000	68.24000		42.00000	63.00000	68.24000	0.0	0.0	0.0
43.00000	63.00000	68.24000		43.00000	63.00000	68.24000	0.0	0.0	0.0
44.00000	63.00000	68.24000		44.00000	63.00000	68.24000	0.0	0.0	0.0
45.00000	63.00000	68.24000		45.00000	63.00000	68.24000	0.0	0.0	0.0
46.00000	63.00000	68.24000		46.00000	63.00000	68.24000	0.30107	-1.4624	1.1128
47.00000	63.00000	68.24000		47.00000	63.00000	68.24000	0.31551	-1.5325	1.1796
48.00000	63.00000	68.24000		48.00000	63.00000	68.24000	0.32994	-1.6026	1.2595
49.00000	63.00000	68.24000		49.00000	63.00000	68.24000	0.34438	-1.6727	1.3524
50.00000	63.00000	68.24000		50.00000	63.00000	68.24000	0.0	0.0	0.0
51.00000	63.00000	68.24000		51.00000	63.00000	68.24000	0.068626	-2.0588	1.9832
52.00000	63.00000	68.24000		52.00000	63.00000	68.24000	0.069020	-2.0706	2.0087
53.00000	63.00000	68.24000		53.00000	63.00000	68.24000	0.069414	-2.0824	2.0343
54.00000	63.00000	68.24000		54.00000	63.00000	68.24000	-0.017997	-2.1547	2.5262
55.00000	63.00000	68.24000		55.00000	63.00000	68.24000	0.073102	-2.2991	2.8291
56.00000	63.00000	68.24000		56.00000	63.00000	68.24000	0.16420	-2.4435	2.9561
57.00000	63.00000	68.24000		57.00000	63.00000	68.24000	0.23646	-2.5716	2.9714
58.00000	63.00000	68.24000		58.00000	63.00000	68.24000	0.038917	-2.4248	2.8450
59.00000	63.00000	68.24000		59.00000	63.00000	68.24000	-0.095228	-2.2628	2.5863
60.00000	63.00000	68.24000		60.00000	63.00000	68.24000	-0.72746	-1.1176	1.3442
61.00000	63.00000	68.24000		61.00000	63.00000	68.24000	-0.77038	-0.85610	1.1043
62.00000	63.00000	68.24000		62.00000	63.00000	68.24000	-0.73212	-0.63216	0.97354
63.00000	63.00000	68.24000		63.00000	63.00000	68.24000	-0.62744	-0.44186	0.96527
64.00000	63.00000	68.24000		64.00000	63.00000	68.24000	-0.47021	-0.27963	1.0074
65.00000	63.00000	68.24000		65.00000	63.00000	68.24000	-0.27181	-0.14010	0.92193
66.00000	63.00000	68.24000		66.00000	63.00000	68.24000	-0.041153	-0.018756	0.41213
67.00000	63.00000	68.24000		67.00000	63.00000	68.24000	0.0	0.0	0.0
68.00000	63.00000	68.24000		68.00000	63.00000	68.24000	0.0	0.0	0.0
69.00000	63.00000	68.24000		69.00000	63.00000	68.24000	0.0	0.0	0.0
70.00000	63.00000	68.24000		70.00000	63.00000	68.24000	0.0	0.0	0.0
71.00000	63.00000	68.24000		71.00000	63.00000	68.24000	0.0	0.0	0.0
72.00000	63.00000	68.24000		72.00000	63.00000	68.24000	0.0	0.0	0.0
73.00000	63.00000	68.24000		73.00000	63.00000	68.24000	0.0	0.0	0.0
74.00000	63.00000	68.24000		74.00000	63.00000	68.24000	0.0	0.0	0.0
75.00000	63.00000	68.24000		75.00000	63.00000	68.24000	0.0	0.0	0.0
76.00000	63.00000	68.24000		76.00000	63.00000	68.24000	0.0	0.0	0.0
77.00000	63.00000	68.24000		77.00000	63.00000	68.24000	0.0	0.0	0.0
78.00000	63.00000	68.24000		78.00000	63.00000	68.24000	0.0	0.0	0.0
79.00000	63.00000	68.24000		79.00000	63.00000	68.24000	0.0	0.0	0.0
80.00000	63.00000	68.24000		80.00000	63.00000	68.24000	0.0	0.0	0.0
81.00000	63.00000	68.24000		81.00000	63.00000	68.24000	0.0	0.0	0.0
82.00000	63.00000	68.24000		82.00000	63.00000	68.24000	0.0	0.0	0.0
83.00000	63.00000	68.24000		83.00000	63.00000	68.24000	0.0	0.0	0.0
84.00000	63.00000	68.24000		84.00000	63.00000	68.24000	0.0	0.0	0.0
85.00000	63.00000	68.24000		85.00000	63.00000	68.24000	0.0	0.0	0.0
86.00000	63.00000	68.24000		86.00000	63.00000	68.24000	0.0	0.0	0.0
87.00000	63.00000	68.24000		87.00000	63.00000	68.24000	0.0	0.0	0.0
88.00000	63.00000	68.24000		88.00000	63.00000	68.24000	0.0	0.0	0.0
89.00000	63.00000	68.24000		89.00000	63.00000	68.24000	0.0	0.0	0.0
90.00000	63.00000	68.24000		90.00000	63.00000	68.24000	0.0	0.0	0.0
91.00000	63.00000	68.24000		91.00000	63.00000	68.24000	0.0	0.0	0.0
92.00000	63.00000	68.24000		92.00000	63.00000	68.24000	0.0	0.0	0.0
93.00000	63.00000	68.24000		93.00000	63.00000	68.24000	0.0	0.0	0.0
94.00000	63.00000	68.24000		94.00000	63.00000	68.24000	0.0	0.0	0.0



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
95.00000		63.00000		68.24000			0.0	0.0	0.0
96.00000		63.00000		68.24000			0.0	0.0	0.0
97.00000		63.00000		68.24000			0.0	0.0	0.0
98.00000		63.00000		68.24000			0.0	0.0	0.0
99.00000		63.00000		68.24000			0.0	0.0	0.0
100.00000		63.00000		68.24000			0.0	0.0	0.0
0.00000		64.00000		68.24000			0.0	0.0	0.0
1.00000		64.00000		68.24000			0.0	0.0	0.0
2.00000		64.00000		68.24000			0.0	0.0	0.0
3.00000		64.00000		68.24000			0.0	0.0	0.0
4.00000		64.00000		68.24000			0.0	0.0	0.0
5.00000		64.00000		68.24000			0.0	0.0	0.0
6.00000		64.00000		68.24000			0.0	0.0	0.0
7.00000		64.00000		68.24000			0.0	0.0	0.0
8.00000		64.00000		68.24000			0.0	0.0	0.0
9.00000		64.00000		68.24000			0.0	0.0	0.0
10.00000		64.00000		68.24000			0.0	0.0	0.0
11.00000		64.00000		68.24000			0.0	0.0	0.0
12.00000		64.00000		68.24000			0.0	0.0	0.0
13.00000		64.00000		68.24000			0.0	0.0	0.0
14.00000		64.00000		68.24000			0.0	0.0	0.0
15.00000		64.00000		68.24000			0.0	0.0	0.0
16.00000		64.00000		68.24000			0.0	0.0	0.0
17.00000		64.00000		68.24000			0.0	0.0	0.0
18.00000		64.00000		68.24000			0.0	0.0	0.0
19.00000		64.00000		68.24000			0.0	0.0	0.0
20.00000		64.00000		68.24000			0.0	0.0	0.0
21.00000		64.00000		68.24000			0.0	0.0	0.0
22.00000		64.00000		68.24000			0.0	0.0	0.0
23.00000		64.00000		68.24000			0.0	0.0	0.0
24.00000		64.00000		68.24000			0.0	0.0	0.0
25.00000		64.00000		68.24000			0.0	0.0	0.0
26.00000		64.00000		68.24000			0.0	0.0	0.0
27.00000		64.00000		68.24000			0.0	0.0	0.0
28.00000		64.00000		68.24000			0.0	0.0	0.0
29.00000		64.00000		68.24000			0.0	0.0	0.0
30.00000		64.00000		68.24000			0.0	0.0	0.0
31.00000		64.00000		68.24000			0.0	0.0	0.0
32.00000		64.00000		68.24000			0.0	0.0	0.0
33.00000		64.00000		68.24000			0.0	0.0	0.0
34.00000		64.00000		68.24000			0.0	0.0	0.0
35.00000		64.00000		68.24000			0.0	0.0	0.0
36.00000		64.00000		68.24000			0.0	0.0	0.0
37.00000		64.00000		68.24000			0.0	0.0	0.0
38.00000		64.00000		68.24000			0.0	0.0	0.0
39.00000		64.00000		68.24000			0.0	0.0	0.0
40.00000		64.00000		68.24000			0.0	0.0	0.0
41.00000		64.00000		68.24000			0.0	0.0	0.0
42.00000		64.00000		68.24000			0.0	0.0	0.0
43.00000		64.00000		68.24000			0.0	0.0	0.0
44.00000		64.00000		68.24000			0.0	0.0	0.0
45.00000		64.00000		68.24000			0.0	0.0	0.0
46.00000		64.00000		68.24000			0.23096	-1.1218	0.95895
47.00000		64.00000		68.24000			0.24539	-1.1919	0.96999
48.00000		64.00000		68.24000			0.25983	-1.2620	0.99074
49.00000		64.00000		68.24000			0.27426	-1.3321	1.0224
50.00000		64.00000		68.24000			0.0	0.0	0.0
51.00000		64.00000		68.24000			0.056806	-1.7042	1.3487
52.00000		64.00000		68.24000			0.057200	-1.7160	1.3652
53.00000		64.00000		68.24000			0.057594	-1.7278	1.3820
54.00000		64.00000		68.24000			-0.050772	-1.7263	1.3795
55.00000		64.00000		68.24000			-0.050465	-1.7158	1.3646
56.00000		64.00000		68.24000			0.019752	-1.8246	1.9639
57.00000		64.00000		68.24000			0.10412	-1.9633	2.2161
58.00000		64.00000		68.24000			-0.0032053	-1.9033	2.2702
59.00000		64.00000		68.24000			-0.071597	-1.8174	2.1731
60.00000		64.00000		68.24000			-0.51384	-0.99207	1.0449
61.00000		64.00000		68.24000			-0.54739	-0.76545	0.96789
62.00000		64.00000		68.24000			-0.51694	-0.56053	0.96246
63.00000		64.00000		68.24000			-0.42978	-0.37858	1.0014
64.00000		64.00000		68.24000			-0.29462	-0.21808	0.97758
65.00000		64.00000		68.24000			-0.11974	-0.076413	0.68485
66.00000		64.00000		68.24000			0.0	0.0	0.0
67.00000		64.00000		68.24000			0.0	0.0	0.0
68.00000		64.00000		68.24000			0.0	0.0	0.0
69.00000		64.00000		68.24000			0.0	0.0	0.0
70.00000		64.00000		68.24000			0.0	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				71.00000	64.00000	68.24000	0.0	0.0	0.0
				72.00000	64.00000	68.24000	0.0	0.0	0.0
				73.00000	64.00000	68.24000	0.0	0.0	0.0
				74.00000	64.00000	68.24000	0.0	0.0	0.0
				75.00000	64.00000	68.24000	0.0	0.0	0.0
				76.00000	64.00000	68.24000	0.0	0.0	0.0
				77.00000	64.00000	68.24000	0.0	0.0	0.0
				78.00000	64.00000	68.24000	0.0	0.0	0.0
				79.00000	64.00000	68.24000	0.0	0.0	0.0
				80.00000	64.00000	68.24000	0.0	0.0	0.0
				81.00000	64.00000	68.24000	0.0	0.0	0.0
				82.00000	64.00000	68.24000	0.0	0.0	0.0
				83.00000	64.00000	68.24000	0.0	0.0	0.0
				84.00000	64.00000	68.24000	0.0	0.0	0.0
				85.00000	64.00000	68.24000	0.0	0.0	0.0
				86.00000	64.00000	68.24000	0.0	0.0	0.0
				87.00000	64.00000	68.24000	0.0	0.0	0.0
				88.00000	64.00000	68.24000	0.0	0.0	0.0
				89.00000	64.00000	68.24000	0.0	0.0	0.0
				90.00000	64.00000	68.24000	0.0	0.0	0.0
				91.00000	64.00000	68.24000	0.0	0.0	0.0
				92.00000	64.00000	68.24000	0.0	0.0	0.0
				93.00000	64.00000	68.24000	0.0	0.0	0.0
				94.00000	64.00000	68.24000	0.0	0.0	0.0
				95.00000	64.00000	68.24000	0.0	0.0	0.0
				96.00000	64.00000	68.24000	0.0	0.0	0.0
				97.00000	64.00000	68.24000	0.0	0.0	0.0
				98.00000	64.00000	68.24000	0.0	0.0	0.0
				99.00000	64.00000	68.24000	0.0	0.0	0.0
				100.00000	64.00000	68.24000	0.0	0.0	0.0
				0.00000	65.00000	68.24000	0.0	0.0	0.0
				1.00000	65.00000	68.24000	0.0	0.0	0.0
				2.00000	65.00000	68.24000	0.0	0.0	0.0
				3.00000	65.00000	68.24000	0.0	0.0	0.0
				4.00000	65.00000	68.24000	0.0	0.0	0.0
				5.00000	65.00000	68.24000	0.0	0.0	0.0
				6.00000	65.00000	68.24000	0.0	0.0	0.0
				7.00000	65.00000	68.24000	0.0	0.0	0.0
				8.00000	65.00000	68.24000	0.0	0.0	0.0
				9.00000	65.00000	68.24000	0.0	0.0	0.0
				10.00000	65.00000	68.24000	0.0	0.0	0.0
				11.00000	65.00000	68.24000	0.0	0.0	0.0
				12.00000	65.00000	68.24000	0.0	0.0	0.0
				13.00000	65.00000	68.24000	0.0	0.0	0.0
				14.00000	65.00000	68.24000	0.0	0.0	0.0
				15.00000	65.00000	68.24000	0.0	0.0	0.0
				16.00000	65.00000	68.24000	0.0	0.0	0.0
				17.00000	65.00000	68.24000	0.0	0.0	0.0
				18.00000	65.00000	68.24000	0.0	0.0	0.0
				19.00000	65.00000	68.24000	0.0	0.0	0.0
				20.00000	65.00000	68.24000	0.0	0.0	0.0
				21.00000	65.00000	68.24000	0.0	0.0	0.0
				22.00000	65.00000	68.24000	0.0	0.0	0.0
				23.00000	65.00000	68.24000	0.0	0.0	0.0
				24.00000	65.00000	68.24000	0.0	0.0	0.0
				25.00000	65.00000	68.24000	0.0	0.0	0.0
				26.00000	65.00000	68.24000	0.0	0.0	0.0
				27.00000	65.00000	68.24000	0.0	0.0	0.0
				28.00000	65.00000	68.24000	0.0	0.0	0.0
				29.00000	65.00000	68.24000	0.0	0.0	0.0
				30.00000	65.00000	68.24000	0.0	0.0	0.0
				31.00000	65.00000	68.24000	0.0	0.0	0.0
				32.00000	65.00000	68.24000	0.0	0.0	0.0
				33.00000	65.00000	68.24000	0.0	0.0	0.0
				34.00000	65.00000	68.24000	0.0	0.0	0.0
				35.00000	65.00000	68.24000	0.0	0.0	0.0
				36.00000	65.00000	68.24000	0.0	0.0	0.0
				37.00000	65.00000	68.24000	0.0	0.0	0.0
				38.00000	65.00000	68.24000	0.0	0.0	0.0
				39.00000	65.00000	68.24000	0.0	0.0	0.0
				40.00000	65.00000	68.24000	0.0	0.0	0.0
				41.00000	65.00000	68.24000	0.0	0.0	0.0
				42.00000	65.00000	68.24000	0.0	0.0	0.0
				43.00000	65.00000	68.24000	0.0	0.0	0.0
				44.00000	65.00000	68.24000	0.0	0.0	0.0
				45.00000	65.00000	68.24000	0.0	0.0	0.0
				46.00000	65.00000	68.24000	0.16084	-0.78123	0.99140



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
47.00000		65.00000		68.24000			0.17528	-0.85134	0.97914
48.00000		65.00000		68.24000			0.18971	-0.92146	0.96770
49.00000		65.00000		68.24000			0.0	0.0	0.0
50.00000		65.00000		68.24000			0.0	0.0	0.0
51.00000		65.00000		68.24000			0.044986	-1.3496	1.0174
52.00000		65.00000		68.24000			0.045380	-1.3614	1.0234
53.00000		65.00000		68.24000			0.045774	-1.3732	1.0298
54.00000		65.00000		68.24000			-0.040340	-1.3716	1.0288
55.00000		65.00000		68.24000			-0.040033	-1.3611	1.0232
56.00000		65.00000		68.24000			-0.039726	-1.3507	1.0179
57.00000		65.00000		68.24000			-0.034009	-1.3498	1.3061
58.00000		65.00000		68.24000			-0.076728	-1.3520	1.7092
59.00000		65.00000		68.24000			-0.28112	-1.0051	0.97000
60.00000		65.00000		68.24000			-0.34799	-0.81179	0.95619
61.00000		65.00000		68.24000			-0.36616	-0.62054	0.97186
62.00000		65.00000		68.24000			-0.33425	-0.43934	1.0038
63.00000		65.00000		68.24000			-0.25511	-0.27197	0.98498
64.00000		65.00000		68.24000			-0.13370	-0.11946	0.77223
65.00000		65.00000		68.24000			0.0	0.0	0.0
66.00000		65.00000		68.24000			0.0	0.0	0.0
67.00000		65.00000		68.24000			0.0	0.0	0.0
68.00000		65.00000		68.24000			0.0	0.0	0.0
69.00000		65.00000		68.24000			0.0	0.0	0.0
70.00000		65.00000		68.24000			0.0	0.0	0.0
71.00000		65.00000		68.24000			0.0	0.0	0.0
72.00000		65.00000		68.24000			0.0	0.0	0.0
73.00000		65.00000		68.24000			0.0	0.0	0.0
74.00000		65.00000		68.24000			0.0	0.0	0.0
75.00000		65.00000		68.24000			0.0	0.0	0.0
76.00000		65.00000		68.24000			0.0	0.0	0.0
77.00000		65.00000		68.24000			0.0	0.0	0.0
78.00000		65.00000		68.24000			0.0	0.0	0.0
79.00000		65.00000		68.24000			0.0	0.0	0.0
80.00000		65.00000		68.24000			0.0	0.0	0.0
81.00000		65.00000		68.24000			0.0	0.0	0.0
82.00000		65.00000		68.24000			0.0	0.0	0.0
83.00000		65.00000		68.24000			0.0	0.0	0.0
84.00000		65.00000		68.24000			0.0	0.0	0.0
85.00000		65.00000		68.24000			0.0	0.0	0.0
86.00000		65.00000		68.24000			0.0	0.0	0.0
87.00000		65.00000		68.24000			0.0	0.0	0.0
88.00000		65.00000		68.24000			0.0	0.0	0.0
89.00000		65.00000		68.24000			0.0	0.0	0.0
90.00000		65.00000		68.24000			0.0	0.0	0.0
91.00000		65.00000		68.24000			0.0	0.0	0.0
92.00000		65.00000		68.24000			0.0	0.0	0.0
93.00000		65.00000		68.24000			0.0	0.0	0.0
94.00000		65.00000		68.24000			0.0	0.0	0.0
95.00000		65.00000		68.24000			0.0	0.0	0.0
96.00000		65.00000		68.24000			0.0	0.0	0.0
97.00000		65.00000		68.24000			0.0	0.0	0.0
98.00000		65.00000		68.24000			0.0	0.0	0.0
99.00000		65.00000		68.24000			0.0	0.0	0.0
100.00000		65.00000		68.24000			0.0	0.0	0.0
0.00000		66.00000		68.24000			0.0	0.0	0.0
1.00000		66.00000		68.24000			0.0	0.0	0.0
2.00000		66.00000		68.24000			0.0	0.0	0.0
3.00000		66.00000		68.24000			0.0	0.0	0.0
4.00000		66.00000		68.24000			0.0	0.0	0.0
5.00000		66.00000		68.24000			0.0	0.0	0.0
6.00000		66.00000		68.24000			0.0	0.0	0.0
7.00000		66.00000		68.24000			0.0	0.0	0.0
8.00000		66.00000		68.24000			0.0	0.0	0.0
9.00000		66.00000		68.24000			0.0	0.0	0.0
10.00000		66.00000		68.24000			0.0	0.0	0.0
11.00000		66.00000		68.24000			0.0	0.0	0.0
12.00000		66.00000		68.24000			0.0	0.0	0.0
13.00000		66.00000		68.24000			0.0	0.0	0.0
14.00000		66.00000		68.24000			0.0	0.0	0.0
15.00000		66.00000		68.24000			0.0	0.0	0.0
16.00000		66.00000		68.24000			0.0	0.0	0.0
17.00000		66.00000		68.24000			0.0	0.0	0.0
18.00000		66.00000		68.24000			0.0	0.0	0.0
19.00000		66.00000		68.24000			0.0	0.0	0.0
20.00000		66.00000		68.24000			0.0	0.0	0.0
21.00000		66.00000		68.24000			0.0	0.0	0.0
22.00000		66.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				23.00000	66.00000	68.24000	0.0	0.0	0.0
				24.00000	66.00000	68.24000	0.0	0.0	0.0
				25.00000	66.00000	68.24000	0.0	0.0	0.0
				26.00000	66.00000	68.24000	0.0	0.0	0.0
				27.00000	66.00000	68.24000	0.0	0.0	0.0
				28.00000	66.00000	68.24000	0.0	0.0	0.0
				29.00000	66.00000	68.24000	0.0	0.0	0.0
				30.00000	66.00000	68.24000	0.0	0.0	0.0
				31.00000	66.00000	68.24000	0.0	0.0	0.0
				32.00000	66.00000	68.24000	0.0	0.0	0.0
				33.00000	66.00000	68.24000	0.0	0.0	0.0
				34.00000	66.00000	68.24000	0.0	0.0	0.0
				35.00000	66.00000	68.24000	0.0	0.0	0.0
				36.00000	66.00000	68.24000	0.0	0.0	0.0
				37.00000	66.00000	68.24000	0.0	0.0	0.0
				38.00000	66.00000	68.24000	0.0	0.0	0.0
				39.00000	66.00000	68.24000	0.0	0.0	0.0
				40.00000	66.00000	68.24000	0.0	0.0	0.0
				41.00000	66.00000	68.24000	0.0	0.0	0.0
				42.00000	66.00000	68.24000	0.0	0.0	0.0
				43.00000	66.00000	68.24000	0.0	0.0	0.0
				44.00000	66.00000	68.24000	0.0	0.0	0.0
				45.00000	66.00000	68.24000	0.0	0.0	0.0
				46.00000	66.00000	68.24000	0.090725	-0.44066	0.97307
				47.00000	66.00000	68.24000	0.10516	-0.51078	0.99708
				48.00000	66.00000	68.24000	0.11960	-0.58090	1.0074
				49.00000	66.00000	68.24000	0.0	0.0	0.0
				50.00000	66.00000	68.24000	0.0	0.0	0.0
				51.00000	66.00000	68.24000	0.033165	-0.99496	0.96094
				52.00000	66.00000	68.24000	0.033559	-1.0068	0.95981
				53.00000	66.00000	68.24000	0.033953	-1.0186	0.95882
				54.00000	66.00000	68.24000	-0.029908	-1.0169	0.95896
				55.00000	66.00000	68.24000	-0.029601	-1.0064	0.95985
				56.00000	66.00000	68.24000	-0.029294	-0.99600	0.96085
				57.00000	66.00000	68.24000	-0.028987	-0.98557	0.96194
				58.00000	66.00000	68.24000	-0.11168	-0.88145	0.96588
				59.00000	66.00000	68.24000	-0.17876	-0.74538	0.97773
				60.00000	66.00000	68.24000	-0.21640	-0.59277	0.99729
				61.00000	66.00000	68.24000	-0.21752	-0.43444	1.0081
				62.00000	66.00000	68.24000	-0.17924	-0.27806	0.95921
				63.00000	66.00000	68.24000	-0.10200	-0.12832	0.74494
				64.00000	66.00000	68.24000	0.0	0.0	0.0
				65.00000	66.00000	68.24000	0.0	0.0	0.0
				66.00000	66.00000	68.24000	0.0	0.0	0.0
				67.00000	66.00000	68.24000	0.0	0.0	0.0
				68.00000	66.00000	68.24000	0.0	0.0	0.0
				69.00000	66.00000	68.24000	0.0	0.0	0.0
				70.00000	66.00000	68.24000	0.0	0.0	0.0
				71.00000	66.00000	68.24000	0.0	0.0	0.0
				72.00000	66.00000	68.24000	0.0	0.0	0.0
				73.00000	66.00000	68.24000	0.0	0.0	0.0
				74.00000	66.00000	68.24000	0.0	0.0	0.0
				75.00000	66.00000	68.24000	0.0	0.0	0.0
				76.00000	66.00000	68.24000	0.0	0.0	0.0
				77.00000	66.00000	68.24000	0.0	0.0	0.0
				78.00000	66.00000	68.24000	0.0	0.0	0.0
				79.00000	66.00000	68.24000	0.0	0.0	0.0
				80.00000	66.00000	68.24000	0.0	0.0	0.0
				81.00000	66.00000	68.24000	0.0	0.0	0.0
				82.00000	66.00000	68.24000	0.0	0.0	0.0
				83.00000	66.00000	68.24000	0.0	0.0	0.0
				84.00000	66.00000	68.24000	0.0	0.0	0.0
				85.00000	66.00000	68.24000	0.0	0.0	0.0
				86.00000	66.00000	68.24000	0.0	0.0	0.0
				87.00000	66.00000	68.24000	0.0	0.0	0.0
				88.00000	66.00000	68.24000	0.0	0.0	0.0
				89.00000	66.00000	68.24000	0.0	0.0	0.0
				90.00000	66.00000	68.24000	0.0	0.0	0.0
				91.00000	66.00000	68.24000	0.0	0.0	0.0
				92.00000	66.00000	68.24000	0.0	0.0	0.0
				93.00000	66.00000	68.24000	0.0	0.0	0.0
				94.00000	66.00000	68.24000	0.0	0.0	0.0
				95.00000	66.00000	68.24000	0.0	0.0	0.0
				96.00000	66.00000	68.24000	0.0	0.0	0.0
				97.00000	66.00000	68.24000	0.0	0.0	0.0
				98.00000	66.00000	68.24000	0.0	0.0	0.0
				99.00000	66.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
100.00000		66.00000		68.24000			0.0	0.0	0.0
0.00000		67.00000		68.24000			0.0	0.0	0.0
1.00000		67.00000		68.24000			0.0	0.0	0.0
2.00000		67.00000		68.24000			0.0	0.0	0.0
3.00000		67.00000		68.24000			0.0	0.0	0.0
4.00000		67.00000		68.24000			0.0	0.0	0.0
5.00000		67.00000		68.24000			0.0	0.0	0.0
6.00000		67.00000		68.24000			0.0	0.0	0.0
7.00000		67.00000		68.24000			0.0	0.0	0.0
8.00000		67.00000		68.24000			0.0	0.0	0.0
9.00000		67.00000		68.24000			0.0	0.0	0.0
10.00000		67.00000		68.24000			0.0	0.0	0.0
11.00000		67.00000		68.24000			0.0	0.0	0.0
12.00000		67.00000		68.24000			0.0	0.0	0.0
13.00000		67.00000		68.24000			0.0	0.0	0.0
14.00000		67.00000		68.24000			0.0	0.0	0.0
15.00000		67.00000		68.24000			0.0	0.0	0.0
16.00000		67.00000		68.24000			0.0	0.0	0.0
17.00000		67.00000		68.24000			0.0	0.0	0.0
18.00000		67.00000		68.24000			0.0	0.0	0.0
19.00000		67.00000		68.24000			0.0	0.0	0.0
20.00000		67.00000		68.24000			0.0	0.0	0.0
21.00000		67.00000		68.24000			0.0	0.0	0.0
22.00000		67.00000		68.24000			0.0	0.0	0.0
23.00000		67.00000		68.24000			0.0	0.0	0.0
24.00000		67.00000		68.24000			0.0	0.0	0.0
25.00000		67.00000		68.24000			0.0	0.0	0.0
26.00000		67.00000		68.24000			0.0	0.0	0.0
27.00000		67.00000		68.24000			0.0	0.0	0.0
28.00000		67.00000		68.24000			0.0	0.0	0.0
29.00000		67.00000		68.24000			0.0	0.0	0.0
30.00000		67.00000		68.24000			0.0	0.0	0.0
31.00000		67.00000		68.24000			0.0	0.0	0.0
32.00000		67.00000		68.24000			0.0	0.0	0.0
33.00000		67.00000		68.24000			0.0	0.0	0.0
34.00000		67.00000		68.24000			0.0	0.0	0.0
35.00000		67.00000		68.24000			0.0	0.0	0.0
36.00000		67.00000		68.24000			0.0	0.0	0.0
37.00000		67.00000		68.24000			0.0	0.0	0.0
38.00000		67.00000		68.24000			0.0	0.0	0.0
39.00000		67.00000		68.24000			0.0	0.0	0.0
40.00000		67.00000		68.24000			0.0	0.0	0.0
41.00000		67.00000		68.24000			0.0	0.0	0.0
42.00000		67.00000		68.24000			0.0	0.0	0.0
43.00000		67.00000		68.24000			0.0	0.0	0.0
44.00000		67.00000		68.24000			0.0	0.0	0.0
45.00000		67.00000		68.24000			0.0061731	-0.029984	0.35001
46.00000		67.00000		68.24000			0.020609	-0.10010	0.53542
47.00000		67.00000		68.24000			0.035044	-0.17022	0.68231
48.00000		67.00000		68.24000			0.049480	-0.24033	0.79550
49.00000		67.00000		68.24000			0.0	0.0	0.0
50.00000		67.00000		68.24000			0.0	0.0	0.0
51.00000		67.00000		68.24000			0.021345	-0.64035	1.0084
52.00000		67.00000		68.24000			0.021739	-0.65218	1.0081
53.00000		67.00000		68.24000			0.022133	-0.66400	1.0076
54.00000		67.00000		68.24000			-0.019476	-0.66217	1.0077
55.00000		67.00000		68.24000			-0.019169	-0.65174	1.0081
56.00000		67.00000		68.24000			-0.018862	-0.64131	1.0084
57.00000		67.00000		68.24000			-0.018555	-0.63087	1.0086
58.00000		67.00000		68.24000			-0.063159	-0.56326	1.0080
59.00000		67.00000		68.24000			-0.097456	-0.46405	0.99990
60.00000		67.00000		68.24000			-0.10983	-0.34570	0.96328
61.00000		67.00000		68.24000			-0.094171	-0.21696	0.85198
62.00000		67.00000		68.24000			-0.047208	-0.084649	0.58028
63.00000		67.00000		68.24000			0.0	0.0	0.0
64.00000		67.00000		68.24000			0.0	0.0	0.0
65.00000		67.00000		68.24000			0.0	0.0	0.0
66.00000		67.00000		68.24000			0.0	0.0	0.0
67.00000		67.00000		68.24000			0.0	0.0	0.0
68.00000		67.00000		68.24000			0.0	0.0	0.0
69.00000		67.00000		68.24000			0.0	0.0	0.0
70.00000		67.00000		68.24000			0.0	0.0	0.0
71.00000		67.00000		68.24000			0.0	0.0	0.0
72.00000		67.00000		68.24000			0.0	0.0	0.0
73.00000		67.00000		68.24000			0.0	0.0	0.0
74.00000		67.00000		68.24000			0.0	0.0	0.0
75.00000		67.00000		68.24000			0.0	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				76.00000	67.00000	68.24000	0.0	0.0	0.0
				77.00000	67.00000	68.24000	0.0	0.0	0.0
				78.00000	67.00000	68.24000	0.0	0.0	0.0
				79.00000	67.00000	68.24000	0.0	0.0	0.0
				80.00000	67.00000	68.24000	0.0	0.0	0.0
				81.00000	67.00000	68.24000	0.0	0.0	0.0
				82.00000	67.00000	68.24000	0.0	0.0	0.0
				83.00000	67.00000	68.24000	0.0	0.0	0.0
				84.00000	67.00000	68.24000	0.0	0.0	0.0
				85.00000	67.00000	68.24000	0.0	0.0	0.0
				86.00000	67.00000	68.24000	0.0	0.0	0.0
				87.00000	67.00000	68.24000	0.0	0.0	0.0
				88.00000	67.00000	68.24000	0.0	0.0	0.0
				89.00000	67.00000	68.24000	0.0	0.0	0.0
				90.00000	67.00000	68.24000	0.0	0.0	0.0
				91.00000	67.00000	68.24000	0.0	0.0	0.0
				92.00000	67.00000	68.24000	0.0	0.0	0.0
				93.00000	67.00000	68.24000	0.0	0.0	0.0
				94.00000	67.00000	68.24000	0.0	0.0	0.0
				95.00000	67.00000	68.24000	0.0	0.0	0.0
				96.00000	67.00000	68.24000	0.0	0.0	0.0
				97.00000	67.00000	68.24000	0.0	0.0	0.0
				98.00000	67.00000	68.24000	0.0	0.0	0.0
				99.00000	67.00000	68.24000	0.0	0.0	0.0
				100.00000	67.00000	68.24000	0.0	0.0	0.0
				0.00000	68.00000	68.24000	0.0	0.0	0.0
				1.00000	68.00000	68.24000	0.0	0.0	0.0
				2.00000	68.00000	68.24000	0.0	0.0	0.0
				3.00000	68.00000	68.24000	0.0	0.0	0.0
				4.00000	68.00000	68.24000	0.0	0.0	0.0
				5.00000	68.00000	68.24000	0.0	0.0	0.0
				6.00000	68.00000	68.24000	0.0	0.0	0.0
				7.00000	68.00000	68.24000	0.0	0.0	0.0
				8.00000	68.00000	68.24000	0.0	0.0	0.0
				9.00000	68.00000	68.24000	0.0	0.0	0.0
				10.00000	68.00000	68.24000	0.0	0.0	0.0
				11.00000	68.00000	68.24000	0.0	0.0	0.0
				12.00000	68.00000	68.24000	0.0	0.0	0.0
				13.00000	68.00000	68.24000	0.0	0.0	0.0
				14.00000	68.00000	68.24000	0.0	0.0	0.0
				15.00000	68.00000	68.24000	0.0	0.0	0.0
				16.00000	68.00000	68.24000	0.0	0.0	0.0
				17.00000	68.00000	68.24000	0.0	0.0	0.0
				18.00000	68.00000	68.24000	0.0	0.0	0.0
				19.00000	68.00000	68.24000	0.0	0.0	0.0
				20.00000	68.00000	68.24000	0.0	0.0	0.0
				21.00000	68.00000	68.24000	0.0	0.0	0.0
				22.00000	68.00000	68.24000	0.0	0.0	0.0
				23.00000	68.00000	68.24000	0.0	0.0	0.0
				24.00000	68.00000	68.24000	0.0	0.0	0.0
				25.00000	68.00000	68.24000	0.0	0.0	0.0
				26.00000	68.00000	68.24000	0.0	0.0	0.0
				27.00000	68.00000	68.24000	0.0	0.0	0.0
				28.00000	68.00000	68.24000	0.0	0.0	0.0
				29.00000	68.00000	68.24000	0.0	0.0	0.0
				30.00000	68.00000	68.24000	0.0	0.0	0.0
				31.00000	68.00000	68.24000	0.0	0.0	0.0
				32.00000	68.00000	68.24000	0.0	0.0	0.0
				33.00000	68.00000	68.24000	0.0	0.0	0.0
				34.00000	68.00000	68.24000	0.0	0.0	0.0
				35.00000	68.00000	68.24000	0.0	0.0	0.0
				36.00000	68.00000	68.24000	0.0	0.0	0.0
				37.00000	68.00000	68.24000	0.0	0.0	0.0
				38.00000	68.00000	68.24000	0.0	0.0	0.0
				39.00000	68.00000	68.24000	0.0	0.0	0.0
				40.00000	68.00000	68.24000	0.0	0.0	0.0
				41.00000	68.00000	68.24000	0.0	0.0	0.0
				42.00000	68.00000	68.24000	0.0	0.0	0.0
				43.00000	68.00000	68.24000	0.0	0.0	0.0
				44.00000	68.00000	68.24000	0.0	0.0	0.0
				45.00000	68.00000	68.24000	0.0	0.0	0.0
				46.00000	68.00000	68.24000	0.0	0.0	0.0
				47.00000	68.00000	68.24000	0.0	0.0	0.0
				48.00000	68.00000	68.24000	0.0	0.0	0.0
				49.00000	68.00000	68.24000	0.0	0.0	0.0
				50.00000	68.00000	68.24000	0.0	0.0	0.0
				51.00000	68.00000	68.24000	0.0095250	-0.28575	0.84639



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Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				52.00000	68.00000	68.24000	0.0099190	-0.29757	0.85959
				53.00000	68.00000	68.24000	0.010313	-0.30939	0.87209
				54.00000	68.00000	68.24000	-0.0090435	-0.30748	0.87008
				55.00000	68.00000	68.24000	-0.0087366	-0.29705	0.85899
				56.00000	68.00000	68.24000	-0.0084298	-0.28661	0.84734
				57.00000	68.00000	68.24000	-0.0081230	-0.27618	0.83513
				58.00000	68.00000	68.24000	-0.023814	-0.23638	0.80263
				59.00000	68.00000	68.24000	-0.031259	-0.16723	0.70979
				60.00000	68.00000	68.24000	-0.021889	-0.077852	0.51708
				61.00000	68.00000	68.24000	0.0	0.0	0.0
				62.00000	68.00000	68.24000	0.0	0.0	0.0
				63.00000	68.00000	68.24000	0.0	0.0	0.0
				64.00000	68.00000	68.24000	0.0	0.0	0.0
				65.00000	68.00000	68.24000	0.0	0.0	0.0
				66.00000	68.00000	68.24000	0.0	0.0	0.0
				67.00000	68.00000	68.24000	0.0	0.0	0.0
				68.00000	68.00000	68.24000	0.0	0.0	0.0
				69.00000	68.00000	68.24000	0.0	0.0	0.0
				70.00000	68.00000	68.24000	0.0	0.0	0.0
				71.00000	68.00000	68.24000	0.0	0.0	0.0
				72.00000	68.00000	68.24000	0.0	0.0	0.0
				73.00000	68.00000	68.24000	0.0	0.0	0.0
				74.00000	68.00000	68.24000	0.0	0.0	0.0
				75.00000	68.00000	68.24000	0.0	0.0	0.0
				76.00000	68.00000	68.24000	0.0	0.0	0.0
				77.00000	68.00000	68.24000	0.0	0.0	0.0
				78.00000	68.00000	68.24000	0.0	0.0	0.0
				79.00000	68.00000	68.24000	0.0	0.0	0.0
				80.00000	68.00000	68.24000	0.0	0.0	0.0
				81.00000	68.00000	68.24000	0.0	0.0	0.0
				82.00000	68.00000	68.24000	0.0	0.0	0.0
				83.00000	68.00000	68.24000	0.0	0.0	0.0
				84.00000	68.00000	68.24000	0.0	0.0	0.0
				85.00000	68.00000	68.24000	0.0	0.0	0.0
				86.00000	68.00000	68.24000	0.0	0.0	0.0
				87.00000	68.00000	68.24000	0.0	0.0	0.0
				88.00000	68.00000	68.24000	0.0	0.0	0.0
				89.00000	68.00000	68.24000	0.0	0.0	0.0
				90.00000	68.00000	68.24000	0.0	0.0	0.0
				91.00000	68.00000	68.24000	0.0	0.0	0.0
				92.00000	68.00000	68.24000	0.0	0.0	0.0
				93.00000	68.00000	68.24000	0.0	0.0	0.0
				94.00000	68.00000	68.24000	0.0	0.0	0.0
				95.00000	68.00000	68.24000	0.0	0.0	0.0
				96.00000	68.00000	68.24000	0.0	0.0	0.0
				97.00000	68.00000	68.24000	0.0	0.0	0.0
				98.00000	68.00000	68.24000	0.0	0.0	0.0
				99.00000	68.00000	68.24000	0.0	0.0	0.0
				100.00000	68.00000	68.24000	0.0	0.0	0.0
				0.00000	69.00000	68.24000	0.0	0.0	0.0
				1.00000	69.00000	68.24000	0.0	0.0	0.0
				2.00000	69.00000	68.24000	0.0	0.0	0.0
				3.00000	69.00000	68.24000	0.0	0.0	0.0
				4.00000	69.00000	68.24000	0.0	0.0	0.0
				5.00000	69.00000	68.24000	0.0	0.0	0.0
				6.00000	69.00000	68.24000	0.0	0.0	0.0
				7.00000	69.00000	68.24000	0.0	0.0	0.0
				8.00000	69.00000	68.24000	0.0	0.0	0.0
				9.00000	69.00000	68.24000	0.0	0.0	0.0
				10.00000	69.00000	68.24000	0.0	0.0	0.0
				11.00000	69.00000	68.24000	0.0	0.0	0.0
				12.00000	69.00000	68.24000	0.0	0.0	0.0
				13.00000	69.00000	68.24000	0.0	0.0	0.0
				14.00000	69.00000	68.24000	0.0	0.0	0.0
				15.00000	69.00000	68.24000	0.0	0.0	0.0
				16.00000	69.00000	68.24000	0.0	0.0	0.0
				17.00000	69.00000	68.24000	0.0	0.0	0.0
				18.00000	69.00000	68.24000	0.0	0.0	0.0
				19.00000	69.00000	68.24000	0.0	0.0	0.0
				20.00000	69.00000	68.24000	0.0	0.0	0.0
				21.00000	69.00000	68.24000	0.0	0.0	0.0
				22.00000	69.00000	68.24000	0.0	0.0	0.0
				23.00000	69.00000	68.24000	0.0	0.0	0.0
				24.00000	69.00000	68.24000	0.0	0.0	0.0
				25.00000	69.00000	68.24000	0.0	0.0	0.0
				26.00000	69.00000	68.24000	0.0	0.0	0.0
				27.00000	69.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
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Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				28.00000	69.00000	68.24000	0.0	0.0	0.0
				29.00000	69.00000	68.24000	0.0	0.0	0.0
				30.00000	69.00000	68.24000	0.0	0.0	0.0
				31.00000	69.00000	68.24000	0.0	0.0	0.0
				32.00000	69.00000	68.24000	0.0	0.0	0.0
				33.00000	69.00000	68.24000	0.0	0.0	0.0
				34.00000	69.00000	68.24000	0.0	0.0	0.0
				35.00000	69.00000	68.24000	0.0	0.0	0.0
				36.00000	69.00000	68.24000	0.0	0.0	0.0
				37.00000	69.00000	68.24000	0.0	0.0	0.0
				38.00000	69.00000	68.24000	0.0	0.0	0.0
				39.00000	69.00000	68.24000	0.0	0.0	0.0
				40.00000	69.00000	68.24000	0.0	0.0	0.0
				41.00000	69.00000	68.24000	0.0	0.0	0.0
				42.00000	69.00000	68.24000	0.0	0.0	0.0
				43.00000	69.00000	68.24000	0.0	0.0	0.0
				44.00000	69.00000	68.24000	0.0	0.0	0.0
				45.00000	69.00000	68.24000	0.0	0.0	0.0
				46.00000	69.00000	68.24000	0.0	0.0	0.0
				47.00000	69.00000	68.24000	0.0	0.0	0.0
				48.00000	69.00000	68.24000	0.0	0.0	0.0
				49.00000	69.00000	68.24000	0.0	0.0	0.0
				50.00000	69.00000	68.24000	0.0	0.0	0.0
				51.00000	69.00000	68.24000	0.0	0.0	0.0
				52.00000	69.00000	68.24000	0.0	0.0	0.0
				53.00000	69.00000	68.24000	0.0	0.0	0.0
				54.00000	69.00000	68.24000	0.0	0.0	0.0
				55.00000	69.00000	68.24000	0.0	0.0	0.0
				56.00000	69.00000	68.24000	0.0	0.0	0.0
				57.00000	69.00000	68.24000	0.0	0.0	0.0
				58.00000	69.00000	68.24000	0.0	0.0	0.0
				59.00000	69.00000	68.24000	0.0	0.0	0.0
				60.00000	69.00000	68.24000	0.0	0.0	0.0
				61.00000	69.00000	68.24000	0.0	0.0	0.0
				62.00000	69.00000	68.24000	0.0	0.0	0.0
				63.00000	69.00000	68.24000	0.0	0.0	0.0
				64.00000	69.00000	68.24000	0.0	0.0	0.0
				65.00000	69.00000	68.24000	0.0	0.0	0.0
				66.00000	69.00000	68.24000	0.0	0.0	0.0
				67.00000	69.00000	68.24000	0.0	0.0	0.0
				68.00000	69.00000	68.24000	0.0	0.0	0.0
				69.00000	69.00000	68.24000	0.0	0.0	0.0
				70.00000	69.00000	68.24000	0.0	0.0	0.0
				71.00000	69.00000	68.24000	0.0	0.0	0.0
				72.00000	69.00000	68.24000	0.0	0.0	0.0
				73.00000	69.00000	68.24000	0.0	0.0	0.0
				74.00000	69.00000	68.24000	0.0	0.0	0.0
				75.00000	69.00000	68.24000	0.0	0.0	0.0
				76.00000	69.00000	68.24000	0.0	0.0	0.0
				77.00000	69.00000	68.24000	0.0	0.0	0.0
				78.00000	69.00000	68.24000	0.0	0.0	0.0
				79.00000	69.00000	68.24000	0.0	0.0	0.0
				80.00000	69.00000	68.24000	0.0	0.0	0.0
				81.00000	69.00000	68.24000	0.0	0.0	0.0
				82.00000	69.00000	68.24000	0.0	0.0	0.0
				83.00000	69.00000	68.24000	0.0	0.0	0.0
				84.00000	69.00000	68.24000	0.0	0.0	0.0
				85.00000	69.00000	68.24000	0.0	0.0	0.0
				86.00000	69.00000	68.24000	0.0	0.0	0.0
				87.00000	69.00000	68.24000	0.0	0.0	0.0
				88.00000	69.00000	68.24000	0.0	0.0	0.0
				89.00000	69.00000	68.24000	0.0	0.0	0.0
				90.00000	69.00000	68.24000	0.0	0.0	0.0
				91.00000	69.00000	68.24000	0.0	0.0	0.0
				92.00000	69.00000	68.24000	0.0	0.0	0.0
				93.00000	69.00000	68.24000	0.0	0.0	0.0
				94.00000	69.00000	68.24000	0.0	0.0	0.0
				95.00000	69.00000	68.24000	0.0	0.0	0.0
				96.00000	69.00000	68.24000	0.0	0.0	0.0
				97.00000	69.00000	68.24000	0.0	0.0	0.0
				98.00000	69.00000	68.24000	0.0	0.0	0.0
				99.00000	69.00000	68.24000	0.0	0.0	0.0
				100.00000	69.00000	68.24000	0.0	0.0	0.0
				0.00000	70.00000	68.24000	0.0	0.0	0.0
				1.00000	70.00000	68.24000	0.0	0.0	0.0
				2.00000	70.00000	68.24000	0.0	0.0	0.0
				3.00000	70.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
4.00000	70.00000	68.24000		4.00000	70.00000	68.24000	0.0	0.0	0.0
5.00000	70.00000	68.24000		5.00000	70.00000	68.24000	0.0	0.0	0.0
6.00000	70.00000	68.24000		6.00000	70.00000	68.24000	0.0	0.0	0.0
7.00000	70.00000	68.24000		7.00000	70.00000	68.24000	0.0	0.0	0.0
8.00000	70.00000	68.24000		8.00000	70.00000	68.24000	0.0	0.0	0.0
9.00000	70.00000	68.24000		9.00000	70.00000	68.24000	0.0	0.0	0.0
10.00000	70.00000	68.24000		10.00000	70.00000	68.24000	0.0	0.0	0.0
11.00000	70.00000	68.24000		11.00000	70.00000	68.24000	0.0	0.0	0.0
12.00000	70.00000	68.24000		12.00000	70.00000	68.24000	0.0	0.0	0.0
13.00000	70.00000	68.24000		13.00000	70.00000	68.24000	0.0	0.0	0.0
14.00000	70.00000	68.24000		14.00000	70.00000	68.24000	0.0	0.0	0.0
15.00000	70.00000	68.24000		15.00000	70.00000	68.24000	0.0	0.0	0.0
16.00000	70.00000	68.24000		16.00000	70.00000	68.24000	0.0	0.0	0.0
17.00000	70.00000	68.24000		17.00000	70.00000	68.24000	0.0	0.0	0.0
18.00000	70.00000	68.24000		18.00000	70.00000	68.24000	0.0	0.0	0.0
19.00000	70.00000	68.24000		19.00000	70.00000	68.24000	0.0	0.0	0.0
20.00000	70.00000	68.24000		20.00000	70.00000	68.24000	0.0	0.0	0.0
21.00000	70.00000	68.24000		21.00000	70.00000	68.24000	0.0	0.0	0.0
22.00000	70.00000	68.24000		22.00000	70.00000	68.24000	0.0	0.0	0.0
23.00000	70.00000	68.24000		23.00000	70.00000	68.24000	0.0	0.0	0.0
24.00000	70.00000	68.24000		24.00000	70.00000	68.24000	0.0	0.0	0.0
25.00000	70.00000	68.24000		25.00000	70.00000	68.24000	0.0	0.0	0.0
26.00000	70.00000	68.24000		26.00000	70.00000	68.24000	0.0	0.0	0.0
27.00000	70.00000	68.24000		27.00000	70.00000	68.24000	0.0	0.0	0.0
28.00000	70.00000	68.24000		28.00000	70.00000	68.24000	0.0	0.0	0.0
29.00000	70.00000	68.24000		29.00000	70.00000	68.24000	0.0	0.0	0.0
30.00000	70.00000	68.24000		30.00000	70.00000	68.24000	0.0	0.0	0.0
31.00000	70.00000	68.24000		31.00000	70.00000	68.24000	0.0	0.0	0.0
32.00000	70.00000	68.24000		32.00000	70.00000	68.24000	0.0	0.0	0.0
33.00000	70.00000	68.24000		33.00000	70.00000	68.24000	0.0	0.0	0.0
34.00000	70.00000	68.24000		34.00000	70.00000	68.24000	0.0	0.0	0.0
35.00000	70.00000	68.24000		35.00000	70.00000	68.24000	0.0	0.0	0.0
36.00000	70.00000	68.24000		36.00000	70.00000	68.24000	0.0	0.0	0.0
37.00000	70.00000	68.24000		37.00000	70.00000	68.24000	0.0	0.0	0.0
38.00000	70.00000	68.24000		38.00000	70.00000	68.24000	0.0	0.0	0.0
39.00000	70.00000	68.24000		39.00000	70.00000	68.24000	0.0	0.0	0.0
40.00000	70.00000	68.24000		40.00000	70.00000	68.24000	0.0	0.0	0.0
41.00000	70.00000	68.24000		41.00000	70.00000	68.24000	0.0	0.0	0.0
42.00000	70.00000	68.24000		42.00000	70.00000	68.24000	0.0	0.0	0.0
43.00000	70.00000	68.24000		43.00000	70.00000	68.24000	0.0	0.0	0.0
44.00000	70.00000	68.24000		44.00000	70.00000	68.24000	0.0	0.0	0.0
45.00000	70.00000	68.24000		45.00000	70.00000	68.24000	0.0	0.0	0.0
46.00000	70.00000	68.24000		46.00000	70.00000	68.24000	0.0	0.0	0.0
47.00000	70.00000	68.24000		47.00000	70.00000	68.24000	0.0	0.0	0.0
48.00000	70.00000	68.24000		48.00000	70.00000	68.24000	0.0	0.0	0.0
49.00000	70.00000	68.24000		49.00000	70.00000	68.24000	0.0	0.0	0.0
50.00000	70.00000	68.24000		50.00000	70.00000	68.24000	0.0	0.0	0.0
51.00000	70.00000	68.24000		51.00000	70.00000	68.24000	0.0	0.0	0.0
52.00000	70.00000	68.24000		52.00000	70.00000	68.24000	0.0	0.0	0.0
53.00000	70.00000	68.24000		53.00000	70.00000	68.24000	0.0	0.0	0.0
54.00000	70.00000	68.24000		54.00000	70.00000	68.24000	0.0	0.0	0.0
55.00000	70.00000	68.24000		55.00000	70.00000	68.24000	0.0	0.0	0.0
56.00000	70.00000	68.24000		56.00000	70.00000	68.24000	0.0	0.0	0.0
57.00000	70.00000	68.24000		57.00000	70.00000	68.24000	0.0	0.0	0.0
58.00000	70.00000	68.24000		58.00000	70.00000	68.24000	0.0	0.0	0.0
59.00000	70.00000	68.24000		59.00000	70.00000	68.24000	0.0	0.0	0.0
60.00000	70.00000	68.24000		60.00000	70.00000	68.24000	0.0	0.0	0.0
61.00000	70.00000	68.24000		61.00000	70.00000	68.24000	0.0	0.0	0.0
62.00000	70.00000	68.24000		62.00000	70.00000	68.24000	0.0	0.0	0.0
63.00000	70.00000	68.24000		63.00000	70.00000	68.24000	0.0	0.0	0.0
64.00000	70.00000	68.24000		64.00000	70.00000	68.24000	0.0	0.0	0.0
65.00000	70.00000	68.24000		65.00000	70.00000	68.24000	0.0	0.0	0.0
66.00000	70.00000	68.24000		66.00000	70.00000	68.24000	0.0	0.0	0.0
67.00000	70.00000	68.24000		67.00000	70.00000	68.24000	0.0	0.0	0.0
68.00000	70.00000	68.24000		68.00000	70.00000	68.24000	0.0	0.0	0.0
69.00000	70.00000	68.24000		69.00000	70.00000	68.24000	0.0	0.0	0.0
70.00000	70.00000	68.24000		70.00000	70.00000	68.24000	0.0	0.0	0.0
71.00000	70.00000	68.24000		71.00000	70.00000	68.24000	0.0	0.0	0.0
72.00000	70.00000	68.24000		72.00000	70.00000	68.24000	0.0	0.0	0.0
73.00000	70.00000	68.24000		73.00000	70.00000	68.24000	0.0	0.0	0.0
74.00000	70.00000	68.24000		74.00000	70.00000	68.24000	0.0	0.0	0.0
75.00000	70.00000	68.24000		75.00000	70.00000	68.24000	0.0	0.0	0.0
76.00000	70.00000	68.24000		76.00000	70.00000	68.24000	0.0	0.0	0.0
77.00000	70.00000	68.24000		77.00000	70.00000	68.24000	0.0	0.0	0.0
78.00000	70.00000	68.24000		78.00000	70.00000	68.24000	0.0	0.0	0.0
79.00000	70.00000	68.24000		79.00000	70.00000	68.24000	0.0	0.0	0.0
80.00000	70.00000	68.24000		80.00000	70.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				81.00000	70.00000	68.24000	0.0	0.0	0.0
				82.00000	70.00000	68.24000	0.0	0.0	0.0
				83.00000	70.00000	68.24000	0.0	0.0	0.0
				84.00000	70.00000	68.24000	0.0	0.0	0.0
				85.00000	70.00000	68.24000	0.0	0.0	0.0
				86.00000	70.00000	68.24000	0.0	0.0	0.0
				87.00000	70.00000	68.24000	0.0	0.0	0.0
				88.00000	70.00000	68.24000	0.0	0.0	0.0
				89.00000	70.00000	68.24000	0.0	0.0	0.0
				90.00000	70.00000	68.24000	0.0	0.0	0.0
				91.00000	70.00000	68.24000	0.0	0.0	0.0
				92.00000	70.00000	68.24000	0.0	0.0	0.0
				93.00000	70.00000	68.24000	0.0	0.0	0.0
				94.00000	70.00000	68.24000	0.0	0.0	0.0
				95.00000	70.00000	68.24000	0.0	0.0	0.0
				96.00000	70.00000	68.24000	0.0	0.0	0.0
				97.00000	70.00000	68.24000	0.0	0.0	0.0
				98.00000	70.00000	68.24000	0.0	0.0	0.0
				99.00000	70.00000	68.24000	0.0	0.0	0.0
				100.00000	70.00000	68.24000	0.0	0.0	0.0
				0.00000	71.00000	68.24000	0.0	0.0	0.0
				1.00000	71.00000	68.24000	0.0	0.0	0.0
				2.00000	71.00000	68.24000	0.0	0.0	0.0
				3.00000	71.00000	68.24000	0.0	0.0	0.0
				4.00000	71.00000	68.24000	0.0	0.0	0.0
				5.00000	71.00000	68.24000	0.0	0.0	0.0
				6.00000	71.00000	68.24000	0.0	0.0	0.0
				7.00000	71.00000	68.24000	0.0	0.0	0.0
				8.00000	71.00000	68.24000	0.0	0.0	0.0
				9.00000	71.00000	68.24000	0.0	0.0	0.0
				10.00000	71.00000	68.24000	0.0	0.0	0.0
				11.00000	71.00000	68.24000	0.0	0.0	0.0
				12.00000	71.00000	68.24000	0.0	0.0	0.0
				13.00000	71.00000	68.24000	0.0	0.0	0.0
				14.00000	71.00000	68.24000	0.0	0.0	0.0
				15.00000	71.00000	68.24000	0.0	0.0	0.0
				16.00000	71.00000	68.24000	0.0	0.0	0.0
				17.00000	71.00000	68.24000	0.0	0.0	0.0
				18.00000	71.00000	68.24000	0.0	0.0	0.0
				19.00000	71.00000	68.24000	0.0	0.0	0.0
				20.00000	71.00000	68.24000	0.0	0.0	0.0
				21.00000	71.00000	68.24000	0.0	0.0	0.0
				22.00000	71.00000	68.24000	0.0	0.0	0.0
				23.00000	71.00000	68.24000	0.0	0.0	0.0
				24.00000	71.00000	68.24000	0.0	0.0	0.0
				25.00000	71.00000	68.24000	0.0	0.0	0.0
				26.00000	71.00000	68.24000	0.0	0.0	0.0
				27.00000	71.00000	68.24000	0.0	0.0	0.0
				28.00000	71.00000	68.24000	0.0	0.0	0.0
				29.00000	71.00000	68.24000	0.0	0.0	0.0
				30.00000	71.00000	68.24000	0.0	0.0	0.0
				31.00000	71.00000	68.24000	0.0	0.0	0.0
				32.00000	71.00000	68.24000	0.0	0.0	0.0
				33.00000	71.00000	68.24000	0.0	0.0	0.0
				34.00000	71.00000	68.24000	0.0	0.0	0.0
				35.00000	71.00000	68.24000	0.0	0.0	0.0
				36.00000	71.00000	68.24000	0.0	0.0	0.0
				37.00000	71.00000	68.24000	0.0	0.0	0.0
				38.00000	71.00000	68.24000	0.0	0.0	0.0
				39.00000	71.00000	68.24000	0.0	0.0	0.0
				40.00000	71.00000	68.24000	0.0	0.0	0.0
				41.00000	71.00000	68.24000	0.0	0.0	0.0
				42.00000	71.00000	68.24000	0.0	0.0	0.0
				43.00000	71.00000	68.24000	0.0	0.0	0.0
				44.00000	71.00000	68.24000	0.0	0.0	0.0
				45.00000	71.00000	68.24000	0.0	0.0	0.0
				46.00000	71.00000	68.24000	0.0	0.0	0.0
				47.00000	71.00000	68.24000	0.0	0.0	0.0
				48.00000	71.00000	68.24000	0.0	0.0	0.0
				49.00000	71.00000	68.24000	0.0	0.0	0.0
				50.00000	71.00000	68.24000	0.0	0.0	0.0
				51.00000	71.00000	68.24000	0.0	0.0	0.0
				52.00000	71.00000	68.24000	0.0	0.0	0.0
				53.00000	71.00000	68.24000	0.0	0.0	0.0
				54.00000	71.00000	68.24000	0.0	0.0	0.0
				55.00000	71.00000	68.24000	0.0	0.0	0.0
				56.00000	71.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
57.00000		71.00000		68.24000			0.0	0.0	0.0
58.00000		71.00000		68.24000			0.0	0.0	0.0
59.00000		71.00000		68.24000			0.0	0.0	0.0
60.00000		71.00000		68.24000			0.0	0.0	0.0
61.00000		71.00000		68.24000			0.0	0.0	0.0
62.00000		71.00000		68.24000			0.0	0.0	0.0
63.00000		71.00000		68.24000			0.0	0.0	0.0
64.00000		71.00000		68.24000			0.0	0.0	0.0
65.00000		71.00000		68.24000			0.0	0.0	0.0
66.00000		71.00000		68.24000			0.0	0.0	0.0
67.00000		71.00000		68.24000			0.0	0.0	0.0
68.00000		71.00000		68.24000			0.0	0.0	0.0
69.00000		71.00000		68.24000			0.0	0.0	0.0
70.00000		71.00000		68.24000			0.0	0.0	0.0
71.00000		71.00000		68.24000			0.0	0.0	0.0
72.00000		71.00000		68.24000			0.0	0.0	0.0
73.00000		71.00000		68.24000			0.0	0.0	0.0
74.00000		71.00000		68.24000			0.0	0.0	0.0
75.00000		71.00000		68.24000			0.0	0.0	0.0
76.00000		71.00000		68.24000			0.0	0.0	0.0
77.00000		71.00000		68.24000			0.0	0.0	0.0
78.00000		71.00000		68.24000			0.0	0.0	0.0
79.00000		71.00000		68.24000			0.0	0.0	0.0
80.00000		71.00000		68.24000			0.0	0.0	0.0
81.00000		71.00000		68.24000			0.0	0.0	0.0
82.00000		71.00000		68.24000			0.0	0.0	0.0
83.00000		71.00000		68.24000			0.0	0.0	0.0
84.00000		71.00000		68.24000			0.0	0.0	0.0
85.00000		71.00000		68.24000			0.0	0.0	0.0
86.00000		71.00000		68.24000			0.0	0.0	0.0
87.00000		71.00000		68.24000			0.0	0.0	0.0
88.00000		71.00000		68.24000			0.0	0.0	0.0
89.00000		71.00000		68.24000			0.0	0.0	0.0
90.00000		71.00000		68.24000			0.0	0.0	0.0
91.00000		71.00000		68.24000			0.0	0.0	0.0
92.00000		71.00000		68.24000			0.0	0.0	0.0
93.00000		71.00000		68.24000			0.0	0.0	0.0
94.00000		71.00000		68.24000			0.0	0.0	0.0
95.00000		71.00000		68.24000			0.0	0.0	0.0
96.00000		71.00000		68.24000			0.0	0.0	0.0
97.00000		71.00000		68.24000			0.0	0.0	0.0
98.00000		71.00000		68.24000			0.0	0.0	0.0
99.00000		71.00000		68.24000			0.0	0.0	0.0
100.00000		71.00000		68.24000			0.0	0.0	0.0
0.00000		72.00000		68.24000			0.0	0.0	0.0
1.00000		72.00000		68.24000			0.0	0.0	0.0
2.00000		72.00000		68.24000			0.0	0.0	0.0
3.00000		72.00000		68.24000			0.0	0.0	0.0
4.00000		72.00000		68.24000			0.0	0.0	0.0
5.00000		72.00000		68.24000			0.0	0.0	0.0
6.00000		72.00000		68.24000			0.0	0.0	0.0
7.00000		72.00000		68.24000			0.0	0.0	0.0
8.00000		72.00000		68.24000			0.0	0.0	0.0
9.00000		72.00000		68.24000			0.0	0.0	0.0
10.00000		72.00000		68.24000			0.0	0.0	0.0
11.00000		72.00000		68.24000			0.0	0.0	0.0
12.00000		72.00000		68.24000			0.0	0.0	0.0
13.00000		72.00000		68.24000			0.0	0.0	0.0
14.00000		72.00000		68.24000			0.0	0.0	0.0
15.00000		72.00000		68.24000			0.0	0.0	0.0
16.00000		72.00000		68.24000			0.0	0.0	0.0
17.00000		72.00000		68.24000			0.0	0.0	0.0
18.00000		72.00000		68.24000			0.0	0.0	0.0
19.00000		72.00000		68.24000			0.0	0.0	0.0
20.00000		72.00000		68.24000			0.0	0.0	0.0
21.00000		72.00000		68.24000			0.0	0.0	0.0
22.00000		72.00000		68.24000			0.0	0.0	0.0
23.00000		72.00000		68.24000			0.0	0.0	0.0
24.00000		72.00000		68.24000			0.0	0.0	0.0
25.00000		72.00000		68.24000			0.0	0.0	0.0
26.00000		72.00000		68.24000			0.0	0.0	0.0
27.00000		72.00000		68.24000			0.0	0.0	0.0
28.00000		72.00000		68.24000			0.0	0.0	0.0
29.00000		72.00000		68.24000			0.0	0.0	0.0
30.00000		72.00000		68.24000			0.0	0.0	0.0
31.00000		72.00000		68.24000			0.0	0.0	0.0
32.00000		72.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
33.00000		72.00000		68.24000			0.0	0.0	0.0
34.00000		72.00000		68.24000			0.0	0.0	0.0
35.00000		72.00000		68.24000			0.0	0.0	0.0
36.00000		72.00000		68.24000			0.0	0.0	0.0
37.00000		72.00000		68.24000			0.0	0.0	0.0
38.00000		72.00000		68.24000			0.0	0.0	0.0
39.00000		72.00000		68.24000			0.0	0.0	0.0
40.00000		72.00000		68.24000			0.0	0.0	0.0
41.00000		72.00000		68.24000			0.0	0.0	0.0
42.00000		72.00000		68.24000			0.0	0.0	0.0
43.00000		72.00000		68.24000			0.0	0.0	0.0
44.00000		72.00000		68.24000			0.0	0.0	0.0
45.00000		72.00000		68.24000			0.0	0.0	0.0
46.00000		72.00000		68.24000			0.0	0.0	0.0
47.00000		72.00000		68.24000			0.0	0.0	0.0
48.00000		72.00000		68.24000			0.0	0.0	0.0
49.00000		72.00000		68.24000			0.0	0.0	0.0
50.00000		72.00000		68.24000			0.0	0.0	0.0
51.00000		72.00000		68.24000			0.0	0.0	0.0
52.00000		72.00000		68.24000			0.0	0.0	0.0
53.00000		72.00000		68.24000			0.0	0.0	0.0
54.00000		72.00000		68.24000			0.0	0.0	0.0
55.00000		72.00000		68.24000			0.0	0.0	0.0
56.00000		72.00000		68.24000			0.0	0.0	0.0
57.00000		72.00000		68.24000			0.0	0.0	0.0
58.00000		72.00000		68.24000			0.0	0.0	0.0
59.00000		72.00000		68.24000			0.0	0.0	0.0
60.00000		72.00000		68.24000			0.0	0.0	0.0
61.00000		72.00000		68.24000			0.0	0.0	0.0
62.00000		72.00000		68.24000			0.0	0.0	0.0
63.00000		72.00000		68.24000			0.0	0.0	0.0
64.00000		72.00000		68.24000			0.0	0.0	0.0
65.00000		72.00000		68.24000			0.0	0.0	0.0
66.00000		72.00000		68.24000			0.0	0.0	0.0
67.00000		72.00000		68.24000			0.0	0.0	0.0
68.00000		72.00000		68.24000			0.0	0.0	0.0
69.00000		72.00000		68.24000			0.0	0.0	0.0
70.00000		72.00000		68.24000			0.0	0.0	0.0
71.00000		72.00000		68.24000			0.0	0.0	0.0
72.00000		72.00000		68.24000			0.0	0.0	0.0
73.00000		72.00000		68.24000			0.0	0.0	0.0
74.00000		72.00000		68.24000			0.0	0.0	0.0
75.00000		72.00000		68.24000			0.0	0.0	0.0
76.00000		72.00000		68.24000			0.0	0.0	0.0
77.00000		72.00000		68.24000			0.0	0.0	0.0
78.00000		72.00000		68.24000			0.0	0.0	0.0
79.00000		72.00000		68.24000			0.0	0.0	0.0
80.00000		72.00000		68.24000			0.0	0.0	0.0
81.00000		72.00000		68.24000			0.0	0.0	0.0
82.00000		72.00000		68.24000			0.0	0.0	0.0
83.00000		72.00000		68.24000			0.0	0.0	0.0
84.00000		72.00000		68.24000			0.0	0.0	0.0
85.00000		72.00000		68.24000			0.0	0.0	0.0
86.00000		72.00000		68.24000			0.0	0.0	0.0
87.00000		72.00000		68.24000			0.0	0.0	0.0
88.00000		72.00000		68.24000			0.0	0.0	0.0
89.00000		72.00000		68.24000			0.0	0.0	0.0
90.00000		72.00000		68.24000			0.0	0.0	0.0
91.00000		72.00000		68.24000			0.0	0.0	0.0
92.00000		72.00000		68.24000			0.0	0.0	0.0
93.00000		72.00000		68.24000			0.0	0.0	0.0
94.00000		72.00000		68.24000			0.0	0.0	0.0
95.00000		72.00000		68.24000			0.0	0.0	0.0
96.00000		72.00000		68.24000			0.0	0.0	0.0
97.00000		72.00000		68.24000			0.0	0.0	0.0
98.00000		72.00000		68.24000			0.0	0.0	0.0
99.00000		72.00000		68.24000			0.0	0.0	0.0
100.00000		72.00000		68.24000			0.0	0.0	0.0
0.00000		73.00000		68.24000			0.0	0.0	0.0
1.00000		73.00000		68.24000			0.0	0.0	0.0
2.00000		73.00000		68.24000			0.0	0.0	0.0
3.00000		73.00000		68.24000			0.0	0.0	0.0
4.00000		73.00000		68.24000			0.0	0.0	0.0
5.00000		73.00000		68.24000			0.0	0.0	0.0
6.00000		73.00000		68.24000			0.0	0.0	0.0
7.00000		73.00000		68.24000			0.0	0.0	0.0
8.00000		73.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
9.00000		73.00000		68.24000			0.0	0.0	0.0
10.00000		73.00000		68.24000			0.0	0.0	0.0
11.00000		73.00000		68.24000			0.0	0.0	0.0
12.00000		73.00000		68.24000			0.0	0.0	0.0
13.00000		73.00000		68.24000			0.0	0.0	0.0
14.00000		73.00000		68.24000			0.0	0.0	0.0
15.00000		73.00000		68.24000			0.0	0.0	0.0
16.00000		73.00000		68.24000			0.0	0.0	0.0
17.00000		73.00000		68.24000			0.0	0.0	0.0
18.00000		73.00000		68.24000			0.0	0.0	0.0
19.00000		73.00000		68.24000			0.0	0.0	0.0
20.00000		73.00000		68.24000			0.0	0.0	0.0
21.00000		73.00000		68.24000			0.0	0.0	0.0
22.00000		73.00000		68.24000			0.0	0.0	0.0
23.00000		73.00000		68.24000			0.0	0.0	0.0
24.00000		73.00000		68.24000			0.0	0.0	0.0
25.00000		73.00000		68.24000			0.0	0.0	0.0
26.00000		73.00000		68.24000			0.0	0.0	0.0
27.00000		73.00000		68.24000			0.0	0.0	0.0
28.00000		73.00000		68.24000			0.0	0.0	0.0
29.00000		73.00000		68.24000			0.0	0.0	0.0
30.00000		73.00000		68.24000			0.0	0.0	0.0
31.00000		73.00000		68.24000			0.0	0.0	0.0
32.00000		73.00000		68.24000			0.0	0.0	0.0
33.00000		73.00000		68.24000			0.0	0.0	0.0
34.00000		73.00000		68.24000			0.0	0.0	0.0
35.00000		73.00000		68.24000			0.0	0.0	0.0
36.00000		73.00000		68.24000			0.0	0.0	0.0
37.00000		73.00000		68.24000			0.0	0.0	0.0
38.00000		73.00000		68.24000			0.0	0.0	0.0
39.00000		73.00000		68.24000			0.0	0.0	0.0
40.00000		73.00000		68.24000			0.0	0.0	0.0
41.00000		73.00000		68.24000			0.0	0.0	0.0
42.00000		73.00000		68.24000			0.0	0.0	0.0
43.00000		73.00000		68.24000			0.0	0.0	0.0
44.00000		73.00000		68.24000			0.0	0.0	0.0
45.00000		73.00000		68.24000			0.0	0.0	0.0
46.00000		73.00000		68.24000			0.0	0.0	0.0
47.00000		73.00000		68.24000			0.0	0.0	0.0
48.00000		73.00000		68.24000			0.0	0.0	0.0
49.00000		73.00000		68.24000			0.0	0.0	0.0
50.00000		73.00000		68.24000			0.0	0.0	0.0
51.00000		73.00000		68.24000			0.0	0.0	0.0
52.00000		73.00000		68.24000			0.0	0.0	0.0
53.00000		73.00000		68.24000			0.0	0.0	0.0
54.00000		73.00000		68.24000			0.0	0.0	0.0
55.00000		73.00000		68.24000			0.0	0.0	0.0
56.00000		73.00000		68.24000			0.0	0.0	0.0
57.00000		73.00000		68.24000			0.0	0.0	0.0
58.00000		73.00000		68.24000			0.0	0.0	0.0
59.00000		73.00000		68.24000			0.0	0.0	0.0
60.00000		73.00000		68.24000			0.0	0.0	0.0
61.00000		73.00000		68.24000			0.0	0.0	0.0
62.00000		73.00000		68.24000			0.0	0.0	0.0
63.00000		73.00000		68.24000			0.0	0.0	0.0
64.00000		73.00000		68.24000			0.0	0.0	0.0
65.00000		73.00000		68.24000			0.0	0.0	0.0
66.00000		73.00000		68.24000			0.0	0.0	0.0
67.00000		73.00000		68.24000			0.0	0.0	0.0
68.00000		73.00000		68.24000			0.0	0.0	0.0
69.00000		73.00000		68.24000			0.0	0.0	0.0
70.00000		73.00000		68.24000			0.0	0.0	0.0
71.00000		73.00000		68.24000			0.0	0.0	0.0
72.00000		73.00000		68.24000			0.0	0.0	0.0
73.00000		73.00000		68.24000			0.0	0.0	0.0
74.00000		73.00000		68.24000			0.0	0.0	0.0
75.00000		73.00000		68.24000			0.0	0.0	0.0
76.00000		73.00000		68.24000			0.0	0.0	0.0
77.00000		73.00000		68.24000			0.0	0.0	0.0
78.00000		73.00000		68.24000			0.0	0.0	0.0
79.00000		73.00000		68.24000			0.0	0.0	0.0
80.00000		73.00000		68.24000			0.0	0.0	0.0
81.00000		73.00000		68.24000			0.0	0.0	0.0
82.00000		73.00000		68.24000			0.0	0.0	0.0
83.00000		73.00000		68.24000			0.0	0.0	0.0
84.00000		73.00000		68.24000			0.0	0.0	0.0
85.00000		73.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				86.00000	73.00000	68.24000	0.0	0.0	0.0
				87.00000	73.00000	68.24000	0.0	0.0	0.0
				88.00000	73.00000	68.24000	0.0	0.0	0.0
				89.00000	73.00000	68.24000	0.0	0.0	0.0
				90.00000	73.00000	68.24000	0.0	0.0	0.0
				91.00000	73.00000	68.24000	0.0	0.0	0.0
				92.00000	73.00000	68.24000	0.0	0.0	0.0
				93.00000	73.00000	68.24000	0.0	0.0	0.0
				94.00000	73.00000	68.24000	0.0	0.0	0.0
				95.00000	73.00000	68.24000	0.0	0.0	0.0
				96.00000	73.00000	68.24000	0.0	0.0	0.0
				97.00000	73.00000	68.24000	0.0	0.0	0.0
				98.00000	73.00000	68.24000	0.0	0.0	0.0
				99.00000	73.00000	68.24000	0.0	0.0	0.0
				100.00000	73.00000	68.24000	0.0	0.0	0.0
				0.00000	74.00000	68.24000	0.0	0.0	0.0
				1.00000	74.00000	68.24000	0.0	0.0	0.0
				2.00000	74.00000	68.24000	0.0	0.0	0.0
				3.00000	74.00000	68.24000	0.0	0.0	0.0
				4.00000	74.00000	68.24000	0.0	0.0	0.0
				5.00000	74.00000	68.24000	0.0	0.0	0.0
				6.00000	74.00000	68.24000	0.0	0.0	0.0
				7.00000	74.00000	68.24000	0.0	0.0	0.0
				8.00000	74.00000	68.24000	0.0	0.0	0.0
				9.00000	74.00000	68.24000	0.0	0.0	0.0
				10.00000	74.00000	68.24000	0.0	0.0	0.0
				11.00000	74.00000	68.24000	0.0	0.0	0.0
				12.00000	74.00000	68.24000	0.0	0.0	0.0
				13.00000	74.00000	68.24000	0.0	0.0	0.0
				14.00000	74.00000	68.24000	0.0	0.0	0.0
				15.00000	74.00000	68.24000	0.0	0.0	0.0
				16.00000	74.00000	68.24000	0.0	0.0	0.0
				17.00000	74.00000	68.24000	0.0	0.0	0.0
				18.00000	74.00000	68.24000	0.0	0.0	0.0
				19.00000	74.00000	68.24000	0.0	0.0	0.0
				20.00000	74.00000	68.24000	0.0	0.0	0.0
				21.00000	74.00000	68.24000	0.0	0.0	0.0
				22.00000	74.00000	68.24000	0.0	0.0	0.0
				23.00000	74.00000	68.24000	0.0	0.0	0.0
				24.00000	74.00000	68.24000	0.0	0.0	0.0
				25.00000	74.00000	68.24000	0.0	0.0	0.0
				26.00000	74.00000	68.24000	0.0	0.0	0.0
				27.00000	74.00000	68.24000	0.0	0.0	0.0
				28.00000	74.00000	68.24000	0.0	0.0	0.0
				29.00000	74.00000	68.24000	0.0	0.0	0.0
				30.00000	74.00000	68.24000	0.0	0.0	0.0
				31.00000	74.00000	68.24000	0.0	0.0	0.0
				32.00000	74.00000	68.24000	0.0	0.0	0.0
				33.00000	74.00000	68.24000	0.0	0.0	0.0
				34.00000	74.00000	68.24000	0.0	0.0	0.0
				35.00000	74.00000	68.24000	0.0	0.0	0.0
				36.00000	74.00000	68.24000	0.0	0.0	0.0
				37.00000	74.00000	68.24000	0.0	0.0	0.0
				38.00000	74.00000	68.24000	0.0	0.0	0.0
				39.00000	74.00000	68.24000	0.0	0.0	0.0
				40.00000	74.00000	68.24000	0.0	0.0	0.0
				41.00000	74.00000	68.24000	0.0	0.0	0.0
				42.00000	74.00000	68.24000	0.0	0.0	0.0
				43.00000	74.00000	68.24000	0.0	0.0	0.0
				44.00000	74.00000	68.24000	0.0	0.0	0.0
				45.00000	74.00000	68.24000	0.0	0.0	0.0
				46.00000	74.00000	68.24000	0.0	0.0	0.0
				47.00000	74.00000	68.24000	0.0	0.0	0.0
				48.00000	74.00000	68.24000	0.0	0.0	0.0
				49.00000	74.00000	68.24000	0.0	0.0	0.0
				50.00000	74.00000	68.24000	0.0	0.0	0.0
				51.00000	74.00000	68.24000	0.0	0.0	0.0
				52.00000	74.00000	68.24000	0.0	0.0	0.0
				53.00000	74.00000	68.24000	0.0	0.0	0.0
				54.00000	74.00000	68.24000	0.0	0.0	0.0
				55.00000	74.00000	68.24000	0.0	0.0	0.0
				56.00000	74.00000	68.24000	0.0	0.0	0.0
				57.00000	74.00000	68.24000	0.0	0.0	0.0
				58.00000	74.00000	68.24000	0.0	0.0	0.0
				59.00000	74.00000	68.24000	0.0	0.0	0.0
				60.00000	74.00000	68.24000	0.0	0.0	0.0
				61.00000	74.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
62.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
63.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
64.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
65.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
66.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
67.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
68.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
69.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
70.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
71.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
72.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
73.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
74.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
75.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
76.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
77.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
78.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
79.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
80.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
81.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
82.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
83.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
84.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
85.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
86.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
87.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
88.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
89.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
90.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
91.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
92.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
93.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
94.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
95.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
96.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
97.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
98.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
99.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
100.00000		74.00000		68.24000	74.00000	68.24000	0.0	0.0	0.0
0.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
1.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
2.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
3.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
4.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
5.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
6.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
7.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
8.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
9.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
10.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
11.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
12.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
13.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
14.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
15.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
16.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
17.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
18.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
19.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
20.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
21.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
22.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
23.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
24.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
25.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
26.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
27.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
28.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
29.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
30.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
31.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
32.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
33.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
34.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
35.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
36.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0
37.00000		75.00000		68.24000	75.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				38.00000	75.00000	68.24000	0.0	0.0	0.0
				39.00000	75.00000	68.24000	0.0	0.0	0.0
				40.00000	75.00000	68.24000	0.0	0.0	0.0
				41.00000	75.00000	68.24000	0.0	0.0	0.0
				42.00000	75.00000	68.24000	0.0	0.0	0.0
				43.00000	75.00000	68.24000	0.0	0.0	0.0
				44.00000	75.00000	68.24000	0.0	0.0	0.0
				45.00000	75.00000	68.24000	0.0	0.0	0.0
				46.00000	75.00000	68.24000	0.0	0.0	0.0
				47.00000	75.00000	68.24000	0.0	0.0	0.0
				48.00000	75.00000	68.24000	0.0	0.0	0.0
				49.00000	75.00000	68.24000	0.0	0.0	0.0
				50.00000	75.00000	68.24000	0.0	0.0	0.0
				51.00000	75.00000	68.24000	0.0	0.0	0.0
				52.00000	75.00000	68.24000	0.0	0.0	0.0
				53.00000	75.00000	68.24000	0.0	0.0	0.0
				54.00000	75.00000	68.24000	0.0	0.0	0.0
				55.00000	75.00000	68.24000	0.0	0.0	0.0
				56.00000	75.00000	68.24000	0.0	0.0	0.0
				57.00000	75.00000	68.24000	0.0	0.0	0.0
				58.00000	75.00000	68.24000	0.0	0.0	0.0
				59.00000	75.00000	68.24000	0.0	0.0	0.0
				60.00000	75.00000	68.24000	0.0	0.0	0.0
				61.00000	75.00000	68.24000	0.0	0.0	0.0
				62.00000	75.00000	68.24000	0.0	0.0	0.0
				63.00000	75.00000	68.24000	0.0	0.0	0.0
				64.00000	75.00000	68.24000	0.0	0.0	0.0
				65.00000	75.00000	68.24000	0.0	0.0	0.0
				66.00000	75.00000	68.24000	0.0	0.0	0.0
				67.00000	75.00000	68.24000	0.0	0.0	0.0
				68.00000	75.00000	68.24000	0.0	0.0	0.0
				69.00000	75.00000	68.24000	0.0	0.0	0.0
				70.00000	75.00000	68.24000	0.0	0.0	0.0
				71.00000	75.00000	68.24000	0.0	0.0	0.0
				72.00000	75.00000	68.24000	0.0	0.0	0.0
				73.00000	75.00000	68.24000	0.0	0.0	0.0
				74.00000	75.00000	68.24000	0.0	0.0	0.0
				75.00000	75.00000	68.24000	0.0	0.0	0.0
				76.00000	75.00000	68.24000	0.0	0.0	0.0
				77.00000	75.00000	68.24000	0.0	0.0	0.0
				78.00000	75.00000	68.24000	0.0	0.0	0.0
				79.00000	75.00000	68.24000	0.0	0.0	0.0
				80.00000	75.00000	68.24000	0.0	0.0	0.0
				81.00000	75.00000	68.24000	0.0	0.0	0.0
				82.00000	75.00000	68.24000	0.0	0.0	0.0
				83.00000	75.00000	68.24000	0.0	0.0	0.0
				84.00000	75.00000	68.24000	0.0	0.0	0.0
				85.00000	75.00000	68.24000	0.0	0.0	0.0
				86.00000	75.00000	68.24000	0.0	0.0	0.0
				87.00000	75.00000	68.24000	0.0	0.0	0.0
				88.00000	75.00000	68.24000	0.0	0.0	0.0
				89.00000	75.00000	68.24000	0.0	0.0	0.0
				90.00000	75.00000	68.24000	0.0	0.0	0.0
				91.00000	75.00000	68.24000	0.0	0.0	0.0
				92.00000	75.00000	68.24000	0.0	0.0	0.0
				93.00000	75.00000	68.24000	0.0	0.0	0.0
				94.00000	75.00000	68.24000	0.0	0.0	0.0
				95.00000	75.00000	68.24000	0.0	0.0	0.0
				96.00000	75.00000	68.24000	0.0	0.0	0.0
				97.00000	75.00000	68.24000	0.0	0.0	0.0
				98.00000	75.00000	68.24000	0.0	0.0	0.0
				99.00000	75.00000	68.24000	0.0	0.0	0.0
				100.00000	75.00000	68.24000	0.0	0.0	0.0
				0.00000	76.00000	68.24000	0.0	0.0	0.0
				1.00000	76.00000	68.24000	0.0	0.0	0.0
				2.00000	76.00000	68.24000	0.0	0.0	0.0
				3.00000	76.00000	68.24000	0.0	0.0	0.0
				4.00000	76.00000	68.24000	0.0	0.0	0.0
				5.00000	76.00000	68.24000	0.0	0.0	0.0
				6.00000	76.00000	68.24000	0.0	0.0	0.0
				7.00000	76.00000	68.24000	0.0	0.0	0.0
				8.00000	76.00000	68.24000	0.0	0.0	0.0
				9.00000	76.00000	68.24000	0.0	0.0	0.0
				10.00000	76.00000	68.24000	0.0	0.0	0.0
				11.00000	76.00000	68.24000	0.0	0.0	0.0
				12.00000	76.00000	68.24000	0.0	0.0	0.0
				13.00000	76.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				14.00000	76.00000	68.24000	0.0	0.0	0.0
				15.00000	76.00000	68.24000	0.0	0.0	0.0
				16.00000	76.00000	68.24000	0.0	0.0	0.0
				17.00000	76.00000	68.24000	0.0	0.0	0.0
				18.00000	76.00000	68.24000	0.0	0.0	0.0
				19.00000	76.00000	68.24000	0.0	0.0	0.0
				20.00000	76.00000	68.24000	0.0	0.0	0.0
				21.00000	76.00000	68.24000	0.0	0.0	0.0
				22.00000	76.00000	68.24000	0.0	0.0	0.0
				23.00000	76.00000	68.24000	0.0	0.0	0.0
				24.00000	76.00000	68.24000	0.0	0.0	0.0
				25.00000	76.00000	68.24000	0.0	0.0	0.0
				26.00000	76.00000	68.24000	0.0	0.0	0.0
				27.00000	76.00000	68.24000	0.0	0.0	0.0
				28.00000	76.00000	68.24000	0.0	0.0	0.0
				29.00000	76.00000	68.24000	0.0	0.0	0.0
				30.00000	76.00000	68.24000	0.0	0.0	0.0
				31.00000	76.00000	68.24000	0.0	0.0	0.0
				32.00000	76.00000	68.24000	0.0	0.0	0.0
				33.00000	76.00000	68.24000	0.0	0.0	0.0
				34.00000	76.00000	68.24000	0.0	0.0	0.0
				35.00000	76.00000	68.24000	0.0	0.0	0.0
				36.00000	76.00000	68.24000	0.0	0.0	0.0
				37.00000	76.00000	68.24000	0.0	0.0	0.0
				38.00000	76.00000	68.24000	0.0	0.0	0.0
				39.00000	76.00000	68.24000	0.0	0.0	0.0
				40.00000	76.00000	68.24000	0.0	0.0	0.0
				41.00000	76.00000	68.24000	0.0	0.0	0.0
				42.00000	76.00000	68.24000	0.0	0.0	0.0
				43.00000	76.00000	68.24000	0.0	0.0	0.0
				44.00000	76.00000	68.24000	0.0	0.0	0.0
				45.00000	76.00000	68.24000	0.0	0.0	0.0
				46.00000	76.00000	68.24000	0.0	0.0	0.0
				47.00000	76.00000	68.24000	0.0	0.0	0.0
				48.00000	76.00000	68.24000	0.0	0.0	0.0
				49.00000	76.00000	68.24000	0.0	0.0	0.0
				50.00000	76.00000	68.24000	0.0	0.0	0.0
				51.00000	76.00000	68.24000	0.0	0.0	0.0
				52.00000	76.00000	68.24000	0.0	0.0	0.0
				53.00000	76.00000	68.24000	0.0	0.0	0.0
				54.00000	76.00000	68.24000	0.0	0.0	0.0
				55.00000	76.00000	68.24000	0.0	0.0	0.0
				56.00000	76.00000	68.24000	0.0	0.0	0.0
				57.00000	76.00000	68.24000	0.0	0.0	0.0
				58.00000	76.00000	68.24000	0.0	0.0	0.0
				59.00000	76.00000	68.24000	0.0	0.0	0.0
				60.00000	76.00000	68.24000	0.0	0.0	0.0
				61.00000	76.00000	68.24000	0.0	0.0	0.0
				62.00000	76.00000	68.24000	0.0	0.0	0.0
				63.00000	76.00000	68.24000	0.0	0.0	0.0
				64.00000	76.00000	68.24000	0.0	0.0	0.0
				65.00000	76.00000	68.24000	0.0	0.0	0.0
				66.00000	76.00000	68.24000	0.0	0.0	0.0
				67.00000	76.00000	68.24000	0.0	0.0	0.0
				68.00000	76.00000	68.24000	0.0	0.0	0.0
				69.00000	76.00000	68.24000	0.0	0.0	0.0
				70.00000	76.00000	68.24000	0.0	0.0	0.0
				71.00000	76.00000	68.24000	0.0	0.0	0.0
				72.00000	76.00000	68.24000	0.0	0.0	0.0
				73.00000	76.00000	68.24000	0.0	0.0	0.0
				74.00000	76.00000	68.24000	0.0	0.0	0.0
				75.00000	76.00000	68.24000	0.0	0.0	0.0
				76.00000	76.00000	68.24000	0.0	0.0	0.0
				77.00000	76.00000	68.24000	0.0	0.0	0.0
				78.00000	76.00000	68.24000	0.0	0.0	0.0
				79.00000	76.00000	68.24000	0.0	0.0	0.0
				80.00000	76.00000	68.24000	0.0	0.0	0.0
				81.00000	76.00000	68.24000	0.0	0.0	0.0
				82.00000	76.00000	68.24000	0.0	0.0	0.0
				83.00000	76.00000	68.24000	0.0	0.0	0.0
				84.00000	76.00000	68.24000	0.0	0.0	0.0
				85.00000	76.00000	68.24000	0.0	0.0	0.0
				86.00000	76.00000	68.24000	0.0	0.0	0.0
				87.00000	76.00000	68.24000	0.0	0.0	0.0
				88.00000	76.00000	68.24000	0.0	0.0	0.0
				89.00000	76.00000	68.24000	0.0	0.0	0.0
				90.00000	76.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
91.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
92.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
93.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
94.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
95.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
96.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
97.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
98.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
99.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
100.00000				76.00000	68.24000	0.0	0.0	0.0	0.0
0.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
1.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
2.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
3.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
4.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
5.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
6.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
7.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
8.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
9.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
10.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
11.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
12.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
13.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
14.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
15.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
16.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
17.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
18.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
19.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
20.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
21.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
22.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
23.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
24.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
25.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
26.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
27.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
28.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
29.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
30.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
31.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
32.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
33.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
34.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
35.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
36.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
37.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
38.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
39.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
40.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
41.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
42.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
43.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
44.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
45.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
46.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
47.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
48.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
49.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
50.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
51.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
52.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
53.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
54.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
55.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
56.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
57.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
58.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
59.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
60.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
61.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
62.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
63.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
64.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
65.00000				77.00000	68.24000	0.0	0.0	0.0	0.0
66.00000				77.00000	68.24000	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				67.00000	77.00000	68.24000	0.0	0.0	0.0
				68.00000	77.00000	68.24000	0.0	0.0	0.0
				69.00000	77.00000	68.24000	0.0	0.0	0.0
				70.00000	77.00000	68.24000	0.0	0.0	0.0
				71.00000	77.00000	68.24000	0.0	0.0	0.0
				72.00000	77.00000	68.24000	0.0	0.0	0.0
				73.00000	77.00000	68.24000	0.0	0.0	0.0
				74.00000	77.00000	68.24000	0.0	0.0	0.0
				75.00000	77.00000	68.24000	0.0	0.0	0.0
				76.00000	77.00000	68.24000	0.0	0.0	0.0
				77.00000	77.00000	68.24000	0.0	0.0	0.0
				78.00000	77.00000	68.24000	0.0	0.0	0.0
				79.00000	77.00000	68.24000	0.0	0.0	0.0
				80.00000	77.00000	68.24000	0.0	0.0	0.0
				81.00000	77.00000	68.24000	0.0	0.0	0.0
				82.00000	77.00000	68.24000	0.0	0.0	0.0
				83.00000	77.00000	68.24000	0.0	0.0	0.0
				84.00000	77.00000	68.24000	0.0	0.0	0.0
				85.00000	77.00000	68.24000	0.0	0.0	0.0
				86.00000	77.00000	68.24000	0.0	0.0	0.0
				87.00000	77.00000	68.24000	0.0	0.0	0.0
				88.00000	77.00000	68.24000	0.0	0.0	0.0
				89.00000	77.00000	68.24000	0.0	0.0	0.0
				90.00000	77.00000	68.24000	0.0	0.0	0.0
				91.00000	77.00000	68.24000	0.0	0.0	0.0
				92.00000	77.00000	68.24000	0.0	0.0	0.0
				93.00000	77.00000	68.24000	0.0	0.0	0.0
				94.00000	77.00000	68.24000	0.0	0.0	0.0
				95.00000	77.00000	68.24000	0.0	0.0	0.0
				96.00000	77.00000	68.24000	0.0	0.0	0.0
				97.00000	77.00000	68.24000	0.0	0.0	0.0
				98.00000	77.00000	68.24000	0.0	0.0	0.0
				99.00000	77.00000	68.24000	0.0	0.0	0.0
				100.00000	77.00000	68.24000	0.0	0.0	0.0
				0.00000	78.00000	68.24000	0.0	0.0	0.0
				1.00000	78.00000	68.24000	0.0	0.0	0.0
				2.00000	78.00000	68.24000	0.0	0.0	0.0
				3.00000	78.00000	68.24000	0.0	0.0	0.0
				4.00000	78.00000	68.24000	0.0	0.0	0.0
				5.00000	78.00000	68.24000	0.0	0.0	0.0
				6.00000	78.00000	68.24000	0.0	0.0	0.0
				7.00000	78.00000	68.24000	0.0	0.0	0.0
				8.00000	78.00000	68.24000	0.0	0.0	0.0
				9.00000	78.00000	68.24000	0.0	0.0	0.0
				10.00000	78.00000	68.24000	0.0	0.0	0.0
				11.00000	78.00000	68.24000	0.0	0.0	0.0
				12.00000	78.00000	68.24000	0.0	0.0	0.0
				13.00000	78.00000	68.24000	0.0	0.0	0.0
				14.00000	78.00000	68.24000	0.0	0.0	0.0
				15.00000	78.00000	68.24000	0.0	0.0	0.0
				16.00000	78.00000	68.24000	0.0	0.0	0.0
				17.00000	78.00000	68.24000	0.0	0.0	0.0
				18.00000	78.00000	68.24000	0.0	0.0	0.0
				19.00000	78.00000	68.24000	0.0	0.0	0.0
				20.00000	78.00000	68.24000	0.0	0.0	0.0
				21.00000	78.00000	68.24000	0.0	0.0	0.0
				22.00000	78.00000	68.24000	0.0	0.0	0.0
				23.00000	78.00000	68.24000	0.0	0.0	0.0
				24.00000	78.00000	68.24000	0.0	0.0	0.0
				25.00000	78.00000	68.24000	0.0	0.0	0.0
				26.00000	78.00000	68.24000	0.0	0.0	0.0
				27.00000	78.00000	68.24000	0.0	0.0	0.0
				28.00000	78.00000	68.24000	0.0	0.0	0.0
				29.00000	78.00000	68.24000	0.0	0.0	0.0
				30.00000	78.00000	68.24000	0.0	0.0	0.0
				31.00000	78.00000	68.24000	0.0	0.0	0.0
				32.00000	78.00000	68.24000	0.0	0.0	0.0
				33.00000	78.00000	68.24000	0.0	0.0	0.0
				34.00000	78.00000	68.24000	0.0	0.0	0.0
				35.00000	78.00000	68.24000	0.0	0.0	0.0
				36.00000	78.00000	68.24000	0.0	0.0	0.0
				37.00000	78.00000	68.24000	0.0	0.0	0.0
				38.00000	78.00000	68.24000	0.0	0.0	0.0
				39.00000	78.00000	68.24000	0.0	0.0	0.0
				40.00000	78.00000	68.24000	0.0	0.0	0.0
				41.00000	78.00000	68.24000	0.0	0.0	0.0
				42.00000	78.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				43.00000	78.00000	68.24000	0.0	0.0	0.0
				44.00000	78.00000	68.24000	0.0	0.0	0.0
				45.00000	78.00000	68.24000	0.0	0.0	0.0
				46.00000	78.00000	68.24000	0.0	0.0	0.0
				47.00000	78.00000	68.24000	0.0	0.0	0.0
				48.00000	78.00000	68.24000	0.0	0.0	0.0
				49.00000	78.00000	68.24000	0.0	0.0	0.0
				50.00000	78.00000	68.24000	0.0	0.0	0.0
				51.00000	78.00000	68.24000	0.0	0.0	0.0
				52.00000	78.00000	68.24000	0.0	0.0	0.0
				53.00000	78.00000	68.24000	0.0	0.0	0.0
				54.00000	78.00000	68.24000	0.0	0.0	0.0
				55.00000	78.00000	68.24000	0.0	0.0	0.0
				56.00000	78.00000	68.24000	0.0	0.0	0.0
				57.00000	78.00000	68.24000	0.0	0.0	0.0
				58.00000	78.00000	68.24000	0.0	0.0	0.0
				59.00000	78.00000	68.24000	0.0	0.0	0.0
				60.00000	78.00000	68.24000	0.0	0.0	0.0
				61.00000	78.00000	68.24000	0.0	0.0	0.0
				62.00000	78.00000	68.24000	0.0	0.0	0.0
				63.00000	78.00000	68.24000	0.0	0.0	0.0
				64.00000	78.00000	68.24000	0.0	0.0	0.0
				65.00000	78.00000	68.24000	0.0	0.0	0.0
				66.00000	78.00000	68.24000	0.0	0.0	0.0
				67.00000	78.00000	68.24000	0.0	0.0	0.0
				68.00000	78.00000	68.24000	0.0	0.0	0.0
				69.00000	78.00000	68.24000	0.0	0.0	0.0
				70.00000	78.00000	68.24000	0.0	0.0	0.0
				71.00000	78.00000	68.24000	0.0	0.0	0.0
				72.00000	78.00000	68.24000	0.0	0.0	0.0
				73.00000	78.00000	68.24000	0.0	0.0	0.0
				74.00000	78.00000	68.24000	0.0	0.0	0.0
				75.00000	78.00000	68.24000	0.0	0.0	0.0
				76.00000	78.00000	68.24000	0.0	0.0	0.0
				77.00000	78.00000	68.24000	0.0	0.0	0.0
				78.00000	78.00000	68.24000	0.0	0.0	0.0
				79.00000	78.00000	68.24000	0.0	0.0	0.0
				80.00000	78.00000	68.24000	0.0	0.0	0.0
				81.00000	78.00000	68.24000	0.0	0.0	0.0
				82.00000	78.00000	68.24000	0.0	0.0	0.0
				83.00000	78.00000	68.24000	0.0	0.0	0.0
				84.00000	78.00000	68.24000	0.0	0.0	0.0
				85.00000	78.00000	68.24000	0.0	0.0	0.0
				86.00000	78.00000	68.24000	0.0	0.0	0.0
				87.00000	78.00000	68.24000	0.0	0.0	0.0
				88.00000	78.00000	68.24000	0.0	0.0	0.0
				89.00000	78.00000	68.24000	0.0	0.0	0.0
				90.00000	78.00000	68.24000	0.0	0.0	0.0
				91.00000	78.00000	68.24000	0.0	0.0	0.0
				92.00000	78.00000	68.24000	0.0	0.0	0.0
				93.00000	78.00000	68.24000	0.0	0.0	0.0
				94.00000	78.00000	68.24000	0.0	0.0	0.0
				95.00000	78.00000	68.24000	0.0	0.0	0.0
				96.00000	78.00000	68.24000	0.0	0.0	0.0
				97.00000	78.00000	68.24000	0.0	0.0	0.0
				98.00000	78.00000	68.24000	0.0	0.0	0.0
				99.00000	78.00000	68.24000	0.0	0.0	0.0
				100.00000	78.00000	68.24000	0.0	0.0	0.0
				0.00000	79.00000	68.24000	0.0	0.0	0.0
				1.00000	79.00000	68.24000	0.0	0.0	0.0
				2.00000	79.00000	68.24000	0.0	0.0	0.0
				3.00000	79.00000	68.24000	0.0	0.0	0.0
				4.00000	79.00000	68.24000	0.0	0.0	0.0
				5.00000	79.00000	68.24000	0.0	0.0	0.0
				6.00000	79.00000	68.24000	0.0	0.0	0.0
				7.00000	79.00000	68.24000	0.0	0.0	0.0
				8.00000	79.00000	68.24000	0.0	0.0	0.0
				9.00000	79.00000	68.24000	0.0	0.0	0.0
				10.00000	79.00000	68.24000	0.0	0.0	0.0
				11.00000	79.00000	68.24000	0.0	0.0	0.0
				12.00000	79.00000	68.24000	0.0	0.0	0.0
				13.00000	79.00000	68.24000	0.0	0.0	0.0
				14.00000	79.00000	68.24000	0.0	0.0	0.0
				15.00000	79.00000	68.24000	0.0	0.0	0.0
				16.00000	79.00000	68.24000	0.0	0.0	0.0
				17.00000	79.00000	68.24000	0.0	0.0	0.0
				18.00000	79.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
19.00000	79.00000	68.24000		19.00000	79.00000	68.24000	0.0	0.0	0.0
20.00000	79.00000	68.24000		20.00000	79.00000	68.24000	0.0	0.0	0.0
21.00000	79.00000	68.24000		21.00000	79.00000	68.24000	0.0	0.0	0.0
22.00000	79.00000	68.24000		22.00000	79.00000	68.24000	0.0	0.0	0.0
23.00000	79.00000	68.24000		23.00000	79.00000	68.24000	0.0	0.0	0.0
24.00000	79.00000	68.24000		24.00000	79.00000	68.24000	0.0	0.0	0.0
25.00000	79.00000	68.24000		25.00000	79.00000	68.24000	0.0	0.0	0.0
26.00000	79.00000	68.24000		26.00000	79.00000	68.24000	0.0	0.0	0.0
27.00000	79.00000	68.24000		27.00000	79.00000	68.24000	0.0	0.0	0.0
28.00000	79.00000	68.24000		28.00000	79.00000	68.24000	0.0	0.0	0.0
29.00000	79.00000	68.24000		29.00000	79.00000	68.24000	0.0	0.0	0.0
30.00000	79.00000	68.24000		30.00000	79.00000	68.24000	0.0	0.0	0.0
31.00000	79.00000	68.24000		31.00000	79.00000	68.24000	0.0	0.0	0.0
32.00000	79.00000	68.24000		32.00000	79.00000	68.24000	0.0	0.0	0.0
33.00000	79.00000	68.24000		33.00000	79.00000	68.24000	0.0	0.0	0.0
34.00000	79.00000	68.24000		34.00000	79.00000	68.24000	0.0	0.0	0.0
35.00000	79.00000	68.24000		35.00000	79.00000	68.24000	0.0	0.0	0.0
36.00000	79.00000	68.24000		36.00000	79.00000	68.24000	0.0	0.0	0.0
37.00000	79.00000	68.24000		37.00000	79.00000	68.24000	0.0	0.0	0.0
38.00000	79.00000	68.24000		38.00000	79.00000	68.24000	0.0	0.0	0.0
39.00000	79.00000	68.24000		39.00000	79.00000	68.24000	0.0	0.0	0.0
40.00000	79.00000	68.24000		40.00000	79.00000	68.24000	0.0	0.0	0.0
41.00000	79.00000	68.24000		41.00000	79.00000	68.24000	0.0	0.0	0.0
42.00000	79.00000	68.24000		42.00000	79.00000	68.24000	0.0	0.0	0.0
43.00000	79.00000	68.24000		43.00000	79.00000	68.24000	0.0	0.0	0.0
44.00000	79.00000	68.24000		44.00000	79.00000	68.24000	0.0	0.0	0.0
45.00000	79.00000	68.24000		45.00000	79.00000	68.24000	0.0	0.0	0.0
46.00000	79.00000	68.24000		46.00000	79.00000	68.24000	0.0	0.0	0.0
47.00000	79.00000	68.24000		47.00000	79.00000	68.24000	0.0	0.0	0.0
48.00000	79.00000	68.24000		48.00000	79.00000	68.24000	0.0	0.0	0.0
49.00000	79.00000	68.24000		49.00000	79.00000	68.24000	0.0	0.0	0.0
50.00000	79.00000	68.24000		50.00000	79.00000	68.24000	0.0	0.0	0.0
51.00000	79.00000	68.24000		51.00000	79.00000	68.24000	0.0	0.0	0.0
52.00000	79.00000	68.24000		52.00000	79.00000	68.24000	0.0	0.0	0.0
53.00000	79.00000	68.24000		53.00000	79.00000	68.24000	0.0	0.0	0.0
54.00000	79.00000	68.24000		54.00000	79.00000	68.24000	0.0	0.0	0.0
55.00000	79.00000	68.24000		55.00000	79.00000	68.24000	0.0	0.0	0.0
56.00000	79.00000	68.24000		56.00000	79.00000	68.24000	0.0	0.0	0.0
57.00000	79.00000	68.24000		57.00000	79.00000	68.24000	0.0	0.0	0.0
58.00000	79.00000	68.24000		58.00000	79.00000	68.24000	0.0	0.0	0.0
59.00000	79.00000	68.24000		59.00000	79.00000	68.24000	0.0	0.0	0.0
60.00000	79.00000	68.24000		60.00000	79.00000	68.24000	0.0	0.0	0.0
61.00000	79.00000	68.24000		61.00000	79.00000	68.24000	0.0	0.0	0.0
62.00000	79.00000	68.24000		62.00000	79.00000	68.24000	0.0	0.0	0.0
63.00000	79.00000	68.24000		63.00000	79.00000	68.24000	0.0	0.0	0.0
64.00000	79.00000	68.24000		64.00000	79.00000	68.24000	0.0	0.0	0.0
65.00000	79.00000	68.24000		65.00000	79.00000	68.24000	0.0	0.0	0.0
66.00000	79.00000	68.24000		66.00000	79.00000	68.24000	0.0	0.0	0.0
67.00000	79.00000	68.24000		67.00000	79.00000	68.24000	0.0	0.0	0.0
68.00000	79.00000	68.24000		68.00000	79.00000	68.24000	0.0	0.0	0.0
69.00000	79.00000	68.24000		69.00000	79.00000	68.24000	0.0	0.0	0.0
70.00000	79.00000	68.24000		70.00000	79.00000	68.24000	0.0	0.0	0.0
71.00000	79.00000	68.24000		71.00000	79.00000	68.24000	0.0	0.0	0.0
72.00000	79.00000	68.24000		72.00000	79.00000	68.24000	0.0	0.0	0.0
73.00000	79.00000	68.24000		73.00000	79.00000	68.24000	0.0	0.0	0.0
74.00000	79.00000	68.24000		74.00000	79.00000	68.24000	0.0	0.0	0.0
75.00000	79.00000	68.24000		75.00000	79.00000	68.24000	0.0	0.0	0.0
76.00000	79.00000	68.24000		76.00000	79.00000	68.24000	0.0	0.0	0.0
77.00000	79.00000	68.24000		77.00000	79.00000	68.24000	0.0	0.0	0.0
78.00000	79.00000	68.24000		78.00000	79.00000	68.24000	0.0	0.0	0.0
79.00000	79.00000	68.24000		79.00000	79.00000	68.24000	0.0	0.0	0.0
80.00000	79.00000	68.24000		80.00000	79.00000	68.24000	0.0	0.0	0.0
81.00000	79.00000	68.24000		81.00000	79.00000	68.24000	0.0	0.0	0.0
82.00000	79.00000	68.24000		82.00000	79.00000	68.24000	0.0	0.0	0.0
83.00000	79.00000	68.24000		83.00000	79.00000	68.24000	0.0	0.0	0.0
84.00000	79.00000	68.24000		84.00000	79.00000	68.24000	0.0	0.0	0.0
85.00000	79.00000	68.24000		85.00000	79.00000	68.24000	0.0	0.0	0.0
86.00000	79.00000	68.24000		86.00000	79.00000	68.24000	0.0	0.0	0.0
87.00000	79.00000	68.24000		87.00000	79.00000	68.24000	0.0	0.0	0.0
88.00000	79.00000	68.24000		88.00000	79.00000	68.24000	0.0	0.0	0.0
89.00000	79.00000	68.24000		89.00000	79.00000	68.24000	0.0	0.0	0.0
90.00000	79.00000	68.24000		90.00000	79.00000	68.24000	0.0	0.0	0.0
91.00000	79.00000	68.24000		91.00000	79.00000	68.24000	0.0	0.0	0.0
92.00000	79.00000	68.24000		92.00000	79.00000	68.24000	0.0	0.0	0.0
93.00000	79.00000	68.24000		93.00000	79.00000	68.24000	0.0	0.0	0.0
94.00000	79.00000	68.24000		94.00000	79.00000	68.24000	0.0	0.0	0.0
95.00000	79.00000	68.24000		95.00000	79.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				96.00000	79.00000	68.24000	0.0	0.0	0.0
				97.00000	79.00000	68.24000	0.0	0.0	0.0
				98.00000	79.00000	68.24000	0.0	0.0	0.0
				99.00000	79.00000	68.24000	0.0	0.0	0.0
				100.00000	79.00000	68.24000	0.0	0.0	0.0
				0.00000	80.00000	68.24000	0.0	0.0	0.0
				1.00000	80.00000	68.24000	0.0	0.0	0.0
				2.00000	80.00000	68.24000	0.0	0.0	0.0
				3.00000	80.00000	68.24000	0.0	0.0	0.0
				4.00000	80.00000	68.24000	0.0	0.0	0.0
				5.00000	80.00000	68.24000	0.0	0.0	0.0
				6.00000	80.00000	68.24000	0.0	0.0	0.0
				7.00000	80.00000	68.24000	0.0	0.0	0.0
				8.00000	80.00000	68.24000	0.0	0.0	0.0
				9.00000	80.00000	68.24000	0.0	0.0	0.0
				10.00000	80.00000	68.24000	0.0	0.0	0.0
				11.00000	80.00000	68.24000	0.0	0.0	0.0
				12.00000	80.00000	68.24000	0.0	0.0	0.0
				13.00000	80.00000	68.24000	0.0	0.0	0.0
				14.00000	80.00000	68.24000	0.0	0.0	0.0
				15.00000	80.00000	68.24000	0.0	0.0	0.0
				16.00000	80.00000	68.24000	0.0	0.0	0.0
				17.00000	80.00000	68.24000	0.0	0.0	0.0
				18.00000	80.00000	68.24000	0.0	0.0	0.0
				19.00000	80.00000	68.24000	0.0	0.0	0.0
				20.00000	80.00000	68.24000	0.0	0.0	0.0
				21.00000	80.00000	68.24000	0.0	0.0	0.0
				22.00000	80.00000	68.24000	0.0	0.0	0.0
				23.00000	80.00000	68.24000	0.0	0.0	0.0
				24.00000	80.00000	68.24000	0.0	0.0	0.0
				25.00000	80.00000	68.24000	0.0	0.0	0.0
				26.00000	80.00000	68.24000	0.0	0.0	0.0
				27.00000	80.00000	68.24000	0.0	0.0	0.0
				28.00000	80.00000	68.24000	0.0	0.0	0.0
				29.00000	80.00000	68.24000	0.0	0.0	0.0
				30.00000	80.00000	68.24000	0.0	0.0	0.0
				31.00000	80.00000	68.24000	0.0	0.0	0.0
				32.00000	80.00000	68.24000	0.0	0.0	0.0
				33.00000	80.00000	68.24000	0.0	0.0	0.0
				34.00000	80.00000	68.24000	0.0	0.0	0.0
				35.00000	80.00000	68.24000	0.0	0.0	0.0
				36.00000	80.00000	68.24000	0.0	0.0	0.0
				37.00000	80.00000	68.24000	0.0	0.0	0.0
				38.00000	80.00000	68.24000	0.0	0.0	0.0
				39.00000	80.00000	68.24000	0.0	0.0	0.0
				40.00000	80.00000	68.24000	0.0	0.0	0.0
				41.00000	80.00000	68.24000	0.0	0.0	0.0
				42.00000	80.00000	68.24000	0.0	0.0	0.0
				43.00000	80.00000	68.24000	0.0	0.0	0.0
				44.00000	80.00000	68.24000	0.0	0.0	0.0
				45.00000	80.00000	68.24000	0.0	0.0	0.0
				46.00000	80.00000	68.24000	0.0	0.0	0.0
				47.00000	80.00000	68.24000	0.0	0.0	0.0
				48.00000	80.00000	68.24000	0.0	0.0	0.0
				49.00000	80.00000	68.24000	0.0	0.0	0.0
				50.00000	80.00000	68.24000	0.0	0.0	0.0
				51.00000	80.00000	68.24000	0.0	0.0	0.0
				52.00000	80.00000	68.24000	0.0	0.0	0.0
				53.00000	80.00000	68.24000	0.0	0.0	0.0
				54.00000	80.00000	68.24000	0.0	0.0	0.0
				55.00000	80.00000	68.24000	0.0	0.0	0.0
				56.00000	80.00000	68.24000	0.0	0.0	0.0
				57.00000	80.00000	68.24000	0.0	0.0	0.0
				58.00000	80.00000	68.24000	0.0	0.0	0.0
				59.00000	80.00000	68.24000	0.0	0.0	0.0
				60.00000	80.00000	68.24000	0.0	0.0	0.0
				61.00000	80.00000	68.24000	0.0	0.0	0.0
				62.00000	80.00000	68.24000	0.0	0.0	0.0
				63.00000	80.00000	68.24000	0.0	0.0	0.0
				64.00000	80.00000	68.24000	0.0	0.0	0.0
				65.00000	80.00000	68.24000	0.0	0.0	0.0
				66.00000	80.00000	68.24000	0.0	0.0	0.0
				67.00000	80.00000	68.24000	0.0	0.0	0.0
				68.00000	80.00000	68.24000	0.0	0.0	0.0
				69.00000	80.00000	68.24000	0.0	0.0	0.0
				70.00000	80.00000	68.24000	0.0	0.0	0.0
				71.00000	80.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				72.00000	80.00000	68.24000	0.0	0.0	0.0
				73.00000	80.00000	68.24000	0.0	0.0	0.0
				74.00000	80.00000	68.24000	0.0	0.0	0.0
				75.00000	80.00000	68.24000	0.0	0.0	0.0
				76.00000	80.00000	68.24000	0.0	0.0	0.0
				77.00000	80.00000	68.24000	0.0	0.0	0.0
				78.00000	80.00000	68.24000	0.0	0.0	0.0
				79.00000	80.00000	68.24000	0.0	0.0	0.0
				80.00000	80.00000	68.24000	0.0	0.0	0.0
				81.00000	80.00000	68.24000	0.0	0.0	0.0
				82.00000	80.00000	68.24000	0.0	0.0	0.0
				83.00000	80.00000	68.24000	0.0	0.0	0.0
				84.00000	80.00000	68.24000	0.0	0.0	0.0
				85.00000	80.00000	68.24000	0.0	0.0	0.0
				86.00000	80.00000	68.24000	0.0	0.0	0.0
				87.00000	80.00000	68.24000	0.0	0.0	0.0
				88.00000	80.00000	68.24000	0.0	0.0	0.0
				89.00000	80.00000	68.24000	0.0	0.0	0.0
				90.00000	80.00000	68.24000	0.0	0.0	0.0
				91.00000	80.00000	68.24000	0.0	0.0	0.0
				92.00000	80.00000	68.24000	0.0	0.0	0.0
				93.00000	80.00000	68.24000	0.0	0.0	0.0
				94.00000	80.00000	68.24000	0.0	0.0	0.0
				95.00000	80.00000	68.24000	0.0	0.0	0.0
				96.00000	80.00000	68.24000	0.0	0.0	0.0
				97.00000	80.00000	68.24000	0.0	0.0	0.0
				98.00000	80.00000	68.24000	0.0	0.0	0.0
				99.00000	80.00000	68.24000	0.0	0.0	0.0
				100.00000	80.00000	68.24000	0.0	0.0	0.0
				0.00000	81.00000	68.24000	0.0	0.0	0.0
				1.00000	81.00000	68.24000	0.0	0.0	0.0
				2.00000	81.00000	68.24000	0.0	0.0	0.0
				3.00000	81.00000	68.24000	0.0	0.0	0.0
				4.00000	81.00000	68.24000	0.0	0.0	0.0
				5.00000	81.00000	68.24000	0.0	0.0	0.0
				6.00000	81.00000	68.24000	0.0	0.0	0.0
				7.00000	81.00000	68.24000	0.0	0.0	0.0
				8.00000	81.00000	68.24000	0.0	0.0	0.0
				9.00000	81.00000	68.24000	0.0	0.0	0.0
				10.00000	81.00000	68.24000	0.0	0.0	0.0
				11.00000	81.00000	68.24000	0.0	0.0	0.0
				12.00000	81.00000	68.24000	0.0	0.0	0.0
				13.00000	81.00000	68.24000	0.0	0.0	0.0
				14.00000	81.00000	68.24000	0.0	0.0	0.0
				15.00000	81.00000	68.24000	0.0	0.0	0.0
				16.00000	81.00000	68.24000	0.0	0.0	0.0
				17.00000	81.00000	68.24000	0.0	0.0	0.0
				18.00000	81.00000	68.24000	0.0	0.0	0.0
				19.00000	81.00000	68.24000	0.0	0.0	0.0
				20.00000	81.00000	68.24000	0.0	0.0	0.0
				21.00000	81.00000	68.24000	0.0	0.0	0.0
				22.00000	81.00000	68.24000	0.0	0.0	0.0
				23.00000	81.00000	68.24000	0.0	0.0	0.0
				24.00000	81.00000	68.24000	0.0	0.0	0.0
				25.00000	81.00000	68.24000	0.0	0.0	0.0
				26.00000	81.00000	68.24000	0.0	0.0	0.0
				27.00000	81.00000	68.24000	0.0	0.0	0.0
				28.00000	81.00000	68.24000	0.0	0.0	0.0
				29.00000	81.00000	68.24000	0.0	0.0	0.0
				30.00000	81.00000	68.24000	0.0	0.0	0.0
				31.00000	81.00000	68.24000	0.0	0.0	0.0
				32.00000	81.00000	68.24000	0.0	0.0	0.0
				33.00000	81.00000	68.24000	0.0	0.0	0.0
				34.00000	81.00000	68.24000	0.0	0.0	0.0
				35.00000	81.00000	68.24000	0.0	0.0	0.0
				36.00000	81.00000	68.24000	0.0	0.0	0.0
				37.00000	81.00000	68.24000	0.0	0.0	0.0
				38.00000	81.00000	68.24000	0.0	0.0	0.0
				39.00000	81.00000	68.24000	0.0	0.0	0.0
				40.00000	81.00000	68.24000	0.0	0.0	0.0
				41.00000	81.00000	68.24000	0.0	0.0	0.0
				42.00000	81.00000	68.24000	0.0	0.0	0.0
				43.00000	81.00000	68.24000	0.0	0.0	0.0
				44.00000	81.00000	68.24000	0.0	0.0	0.0
				45.00000	81.00000	68.24000	0.0	0.0	0.0
				46.00000	81.00000	68.24000	0.0	0.0	0.0
				47.00000	81.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				48.00000	81.00000	68.24000	0.0	0.0	0.0
				49.00000	81.00000	68.24000	0.0	0.0	0.0
				50.00000	81.00000	68.24000	0.0	0.0	0.0
				51.00000	81.00000	68.24000	0.0	0.0	0.0
				52.00000	81.00000	68.24000	0.0	0.0	0.0
				53.00000	81.00000	68.24000	0.0	0.0	0.0
				54.00000	81.00000	68.24000	0.0	0.0	0.0
				55.00000	81.00000	68.24000	0.0	0.0	0.0
				56.00000	81.00000	68.24000	0.0	0.0	0.0
				57.00000	81.00000	68.24000	0.0	0.0	0.0
				58.00000	81.00000	68.24000	0.0	0.0	0.0
				59.00000	81.00000	68.24000	0.0	0.0	0.0
				60.00000	81.00000	68.24000	0.0	0.0	0.0
				61.00000	81.00000	68.24000	0.0	0.0	0.0
				62.00000	81.00000	68.24000	0.0	0.0	0.0
				63.00000	81.00000	68.24000	0.0	0.0	0.0
				64.00000	81.00000	68.24000	0.0	0.0	0.0
				65.00000	81.00000	68.24000	0.0	0.0	0.0
				66.00000	81.00000	68.24000	0.0	0.0	0.0
				67.00000	81.00000	68.24000	0.0	0.0	0.0
				68.00000	81.00000	68.24000	0.0	0.0	0.0
				69.00000	81.00000	68.24000	0.0	0.0	0.0
				70.00000	81.00000	68.24000	0.0	0.0	0.0
				71.00000	81.00000	68.24000	0.0	0.0	0.0
				72.00000	81.00000	68.24000	0.0	0.0	0.0
				73.00000	81.00000	68.24000	0.0	0.0	0.0
				74.00000	81.00000	68.24000	0.0	0.0	0.0
				75.00000	81.00000	68.24000	0.0	0.0	0.0
				76.00000	81.00000	68.24000	0.0	0.0	0.0
				77.00000	81.00000	68.24000	0.0	0.0	0.0
				78.00000	81.00000	68.24000	0.0	0.0	0.0
				79.00000	81.00000	68.24000	0.0	0.0	0.0
				80.00000	81.00000	68.24000	0.0	0.0	0.0
				81.00000	81.00000	68.24000	0.0	0.0	0.0
				82.00000	81.00000	68.24000	0.0	0.0	0.0
				83.00000	81.00000	68.24000	0.0	0.0	0.0
				84.00000	81.00000	68.24000	0.0	0.0	0.0
				85.00000	81.00000	68.24000	0.0	0.0	0.0
				86.00000	81.00000	68.24000	0.0	0.0	0.0
				87.00000	81.00000	68.24000	0.0	0.0	0.0
				88.00000	81.00000	68.24000	0.0	0.0	0.0
				89.00000	81.00000	68.24000	0.0	0.0	0.0
				90.00000	81.00000	68.24000	0.0	0.0	0.0
				91.00000	81.00000	68.24000	0.0	0.0	0.0
				92.00000	81.00000	68.24000	0.0	0.0	0.0
				93.00000	81.00000	68.24000	0.0	0.0	0.0
				94.00000	81.00000	68.24000	0.0	0.0	0.0
				95.00000	81.00000	68.24000	0.0	0.0	0.0
				96.00000	81.00000	68.24000	0.0	0.0	0.0
				97.00000	81.00000	68.24000	0.0	0.0	0.0
				98.00000	81.00000	68.24000	0.0	0.0	0.0
				99.00000	81.00000	68.24000	0.0	0.0	0.0
				100.00000	81.00000	68.24000	0.0	0.0	0.0
				0.00000	82.00000	68.24000	0.0	0.0	0.0
				1.00000	82.00000	68.24000	0.0	0.0	0.0
				2.00000	82.00000	68.24000	0.0	0.0	0.0
				3.00000	82.00000	68.24000	0.0	0.0	0.0
				4.00000	82.00000	68.24000	0.0	0.0	0.0
				5.00000	82.00000	68.24000	0.0	0.0	0.0
				6.00000	82.00000	68.24000	0.0	0.0	0.0
				7.00000	82.00000	68.24000	0.0	0.0	0.0
				8.00000	82.00000	68.24000	0.0	0.0	0.0
				9.00000	82.00000	68.24000	0.0	0.0	0.0
				10.00000	82.00000	68.24000	0.0	0.0	0.0
				11.00000	82.00000	68.24000	0.0	0.0	0.0
				12.00000	82.00000	68.24000	0.0	0.0	0.0
				13.00000	82.00000	68.24000	0.0	0.0	0.0
				14.00000	82.00000	68.24000	0.0	0.0	0.0
				15.00000	82.00000	68.24000	0.0	0.0	0.0
				16.00000	82.00000	68.24000	0.0	0.0	0.0
				17.00000	82.00000	68.24000	0.0	0.0	0.0
				18.00000	82.00000	68.24000	0.0	0.0	0.0
				19.00000	82.00000	68.24000	0.0	0.0	0.0
				20.00000	82.00000	68.24000	0.0	0.0	0.0
				21.00000	82.00000	68.24000	0.0	0.0	0.0
				22.00000	82.00000	68.24000	0.0	0.0	0.0
				23.00000	82.00000	68.24000	0.0	0.0	0.0



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Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				24.00000	82.00000	68.24000	0.0	0.0	0.0
				25.00000	82.00000	68.24000	0.0	0.0	0.0
				26.00000	82.00000	68.24000	0.0	0.0	0.0
				27.00000	82.00000	68.24000	0.0	0.0	0.0
				28.00000	82.00000	68.24000	0.0	0.0	0.0
				29.00000	82.00000	68.24000	0.0	0.0	0.0
				30.00000	82.00000	68.24000	0.0	0.0	0.0
				31.00000	82.00000	68.24000	0.0	0.0	0.0
				32.00000	82.00000	68.24000	0.0	0.0	0.0
				33.00000	82.00000	68.24000	0.0	0.0	0.0
				34.00000	82.00000	68.24000	0.0	0.0	0.0
				35.00000	82.00000	68.24000	0.0	0.0	0.0
				36.00000	82.00000	68.24000	0.0	0.0	0.0
				37.00000	82.00000	68.24000	0.0	0.0	0.0
				38.00000	82.00000	68.24000	0.0	0.0	0.0
				39.00000	82.00000	68.24000	0.0	0.0	0.0
				40.00000	82.00000	68.24000	0.0	0.0	0.0
				41.00000	82.00000	68.24000	0.0	0.0	0.0
				42.00000	82.00000	68.24000	0.0	0.0	0.0
				43.00000	82.00000	68.24000	0.0	0.0	0.0
				44.00000	82.00000	68.24000	0.0	0.0	0.0
				45.00000	82.00000	68.24000	0.0	0.0	0.0
				46.00000	82.00000	68.24000	0.0	0.0	0.0
				47.00000	82.00000	68.24000	0.0	0.0	0.0
				48.00000	82.00000	68.24000	0.0	0.0	0.0
				49.00000	82.00000	68.24000	0.0	0.0	0.0
				50.00000	82.00000	68.24000	0.0	0.0	0.0
				51.00000	82.00000	68.24000	0.0	0.0	0.0
				52.00000	82.00000	68.24000	0.0	0.0	0.0
				53.00000	82.00000	68.24000	0.0	0.0	0.0
				54.00000	82.00000	68.24000	0.0	0.0	0.0
				55.00000	82.00000	68.24000	0.0	0.0	0.0
				56.00000	82.00000	68.24000	0.0	0.0	0.0
				57.00000	82.00000	68.24000	0.0	0.0	0.0
				58.00000	82.00000	68.24000	0.0	0.0	0.0
				59.00000	82.00000	68.24000	0.0	0.0	0.0
				60.00000	82.00000	68.24000	0.0	0.0	0.0
				61.00000	82.00000	68.24000	0.0	0.0	0.0
				62.00000	82.00000	68.24000	0.0	0.0	0.0
				63.00000	82.00000	68.24000	0.0	0.0	0.0
				64.00000	82.00000	68.24000	0.0	0.0	0.0
				65.00000	82.00000	68.24000	0.0	0.0	0.0
				66.00000	82.00000	68.24000	0.0	0.0	0.0
				67.00000	82.00000	68.24000	0.0	0.0	0.0
				68.00000	82.00000	68.24000	0.0	0.0	0.0
				69.00000	82.00000	68.24000	0.0	0.0	0.0
				70.00000	82.00000	68.24000	0.0	0.0	0.0
				71.00000	82.00000	68.24000	0.0	0.0	0.0
				72.00000	82.00000	68.24000	0.0	0.0	0.0
				73.00000	82.00000	68.24000	0.0	0.0	0.0
				74.00000	82.00000	68.24000	0.0	0.0	0.0
				75.00000	82.00000	68.24000	0.0	0.0	0.0
				76.00000	82.00000	68.24000	0.0	0.0	0.0
				77.00000	82.00000	68.24000	0.0	0.0	0.0
				78.00000	82.00000	68.24000	0.0	0.0	0.0
				79.00000	82.00000	68.24000	0.0	0.0	0.0
				80.00000	82.00000	68.24000	0.0	0.0	0.0
				81.00000	82.00000	68.24000	0.0	0.0	0.0
				82.00000	82.00000	68.24000	0.0	0.0	0.0
				83.00000	82.00000	68.24000	0.0	0.0	0.0
				84.00000	82.00000	68.24000	0.0	0.0	0.0
				85.00000	82.00000	68.24000	0.0	0.0	0.0
				86.00000	82.00000	68.24000	0.0	0.0	0.0
				87.00000	82.00000	68.24000	0.0	0.0	0.0
				88.00000	82.00000	68.24000	0.0	0.0	0.0
				89.00000	82.00000	68.24000	0.0	0.0	0.0
				90.00000	82.00000	68.24000	0.0	0.0	0.0
				91.00000	82.00000	68.24000	0.0	0.0	0.0
				92.00000	82.00000	68.24000	0.0	0.0	0.0
				93.00000	82.00000	68.24000	0.0	0.0	0.0
				94.00000	82.00000	68.24000	0.0	0.0	0.0
				95.00000	82.00000	68.24000	0.0	0.0	0.0
				96.00000	82.00000	68.24000	0.0	0.0	0.0
				97.00000	82.00000	68.24000	0.0	0.0	0.0
				98.00000	82.00000	68.24000	0.0	0.0	0.0
				99.00000	82.00000	68.24000	0.0	0.0	0.0
				100.00000	82.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.00000		83.00000		68.24000			0.0	0.0	0.0
1.00000		83.00000		68.24000			0.0	0.0	0.0
2.00000		83.00000		68.24000			0.0	0.0	0.0
3.00000		83.00000		68.24000			0.0	0.0	0.0
4.00000		83.00000		68.24000			0.0	0.0	0.0
5.00000		83.00000		68.24000			0.0	0.0	0.0
6.00000		83.00000		68.24000			0.0	0.0	0.0
7.00000		83.00000		68.24000			0.0	0.0	0.0
8.00000		83.00000		68.24000			0.0	0.0	0.0
9.00000		83.00000		68.24000			0.0	0.0	0.0
10.00000		83.00000		68.24000			0.0	0.0	0.0
11.00000		83.00000		68.24000			0.0	0.0	0.0
12.00000		83.00000		68.24000			0.0	0.0	0.0
13.00000		83.00000		68.24000			0.0	0.0	0.0
14.00000		83.00000		68.24000			0.0	0.0	0.0
15.00000		83.00000		68.24000			0.0	0.0	0.0
16.00000		83.00000		68.24000			0.0	0.0	0.0
17.00000		83.00000		68.24000			0.0	0.0	0.0
18.00000		83.00000		68.24000			0.0	0.0	0.0
19.00000		83.00000		68.24000			0.0	0.0	0.0
20.00000		83.00000		68.24000			0.0	0.0	0.0
21.00000		83.00000		68.24000			0.0	0.0	0.0
22.00000		83.00000		68.24000			0.0	0.0	0.0
23.00000		83.00000		68.24000			0.0	0.0	0.0
24.00000		83.00000		68.24000			0.0	0.0	0.0
25.00000		83.00000		68.24000			0.0	0.0	0.0
26.00000		83.00000		68.24000			0.0	0.0	0.0
27.00000		83.00000		68.24000			0.0	0.0	0.0
28.00000		83.00000		68.24000			0.0	0.0	0.0
29.00000		83.00000		68.24000			0.0	0.0	0.0
30.00000		83.00000		68.24000			0.0	0.0	0.0
31.00000		83.00000		68.24000			0.0	0.0	0.0
32.00000		83.00000		68.24000			0.0	0.0	0.0
33.00000		83.00000		68.24000			0.0	0.0	0.0
34.00000		83.00000		68.24000			0.0	0.0	0.0
35.00000		83.00000		68.24000			0.0	0.0	0.0
36.00000		83.00000		68.24000			0.0	0.0	0.0
37.00000		83.00000		68.24000			0.0	0.0	0.0
38.00000		83.00000		68.24000			0.0	0.0	0.0
39.00000		83.00000		68.24000			0.0	0.0	0.0
40.00000		83.00000		68.24000			0.0	0.0	0.0
41.00000		83.00000		68.24000			0.0	0.0	0.0
42.00000		83.00000		68.24000			0.0	0.0	0.0
43.00000		83.00000		68.24000			0.0	0.0	0.0
44.00000		83.00000		68.24000			0.0	0.0	0.0
45.00000		83.00000		68.24000			0.0	0.0	0.0
46.00000		83.00000		68.24000			0.0	0.0	0.0
47.00000		83.00000		68.24000			0.0	0.0	0.0
48.00000		83.00000		68.24000			0.0	0.0	0.0
49.00000		83.00000		68.24000			0.0	0.0	0.0
50.00000		83.00000		68.24000			0.0	0.0	0.0
51.00000		83.00000		68.24000			0.0	0.0	0.0
52.00000		83.00000		68.24000			0.0	0.0	0.0
53.00000		83.00000		68.24000			0.0	0.0	0.0
54.00000		83.00000		68.24000			0.0	0.0	0.0
55.00000		83.00000		68.24000			0.0	0.0	0.0
56.00000		83.00000		68.24000			0.0	0.0	0.0
57.00000		83.00000		68.24000			0.0	0.0	0.0
58.00000		83.00000		68.24000			0.0	0.0	0.0
59.00000		83.00000		68.24000			0.0	0.0	0.0
60.00000		83.00000		68.24000			0.0	0.0	0.0
61.00000		83.00000		68.24000			0.0	0.0	0.0
62.00000		83.00000		68.24000			0.0	0.0	0.0
63.00000		83.00000		68.24000			0.0	0.0	0.0
64.00000		83.00000		68.24000			0.0	0.0	0.0
65.00000		83.00000		68.24000			0.0	0.0	0.0
66.00000		83.00000		68.24000			0.0	0.0	0.0
67.00000		83.00000		68.24000			0.0	0.0	0.0
68.00000		83.00000		68.24000			0.0	0.0	0.0
69.00000		83.00000		68.24000			0.0	0.0	0.0
70.00000		83.00000		68.24000			0.0	0.0	0.0
71.00000		83.00000		68.24000			0.0	0.0	0.0
72.00000		83.00000		68.24000			0.0	0.0	0.0
73.00000		83.00000		68.24000			0.0	0.0	0.0
74.00000		83.00000		68.24000			0.0	0.0	0.0
75.00000		83.00000		68.24000			0.0	0.0	0.0
76.00000		83.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
77.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
78.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
79.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
80.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
81.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
82.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
83.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
84.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
85.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
86.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
87.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
88.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
89.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
90.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
91.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
92.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
93.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
94.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
95.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
96.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
97.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
98.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
99.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
100.00000		83.00000		68.24000		68.24000	0.0	0.0	0.0
0.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
1.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
2.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
3.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
4.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
5.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
6.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
7.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
8.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
9.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
10.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
11.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
12.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
13.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
14.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
15.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
16.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
17.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
18.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
19.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
20.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
21.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
22.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
23.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
24.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
25.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
26.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
27.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
28.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
29.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
30.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
31.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
32.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
33.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
34.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
35.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
36.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
37.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
38.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
39.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
40.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
41.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
42.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
43.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
44.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
45.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
46.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
47.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
48.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
49.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
50.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
51.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0
52.00000		84.00000		68.24000		68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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		Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				53.00000	84.00000	68.24000	0.0	0.0	0.0
				54.00000	84.00000	68.24000	0.0	0.0	0.0
				55.00000	84.00000	68.24000	0.0	0.0	0.0
				56.00000	84.00000	68.24000	0.0	0.0	0.0
				57.00000	84.00000	68.24000	0.0	0.0	0.0
				58.00000	84.00000	68.24000	0.0	0.0	0.0
				59.00000	84.00000	68.24000	0.0	0.0	0.0
				60.00000	84.00000	68.24000	0.0	0.0	0.0
				61.00000	84.00000	68.24000	0.0	0.0	0.0
				62.00000	84.00000	68.24000	0.0	0.0	0.0
				63.00000	84.00000	68.24000	0.0	0.0	0.0
				64.00000	84.00000	68.24000	0.0	0.0	0.0
				65.00000	84.00000	68.24000	0.0	0.0	0.0
				66.00000	84.00000	68.24000	0.0	0.0	0.0
				67.00000	84.00000	68.24000	0.0	0.0	0.0
				68.00000	84.00000	68.24000	0.0	0.0	0.0
				69.00000	84.00000	68.24000	0.0	0.0	0.0
				70.00000	84.00000	68.24000	0.0	0.0	0.0
				71.00000	84.00000	68.24000	0.0	0.0	0.0
				72.00000	84.00000	68.24000	0.0	0.0	0.0
				73.00000	84.00000	68.24000	0.0	0.0	0.0
				74.00000	84.00000	68.24000	0.0	0.0	0.0
				75.00000	84.00000	68.24000	0.0	0.0	0.0
				76.00000	84.00000	68.24000	0.0	0.0	0.0
				77.00000	84.00000	68.24000	0.0	0.0	0.0
				78.00000	84.00000	68.24000	0.0	0.0	0.0
				79.00000	84.00000	68.24000	0.0	0.0	0.0
				80.00000	84.00000	68.24000	0.0	0.0	0.0
				81.00000	84.00000	68.24000	0.0	0.0	0.0
				82.00000	84.00000	68.24000	0.0	0.0	0.0
				83.00000	84.00000	68.24000	0.0	0.0	0.0
				84.00000	84.00000	68.24000	0.0	0.0	0.0
				85.00000	84.00000	68.24000	0.0	0.0	0.0
				86.00000	84.00000	68.24000	0.0	0.0	0.0
				87.00000	84.00000	68.24000	0.0	0.0	0.0
				88.00000	84.00000	68.24000	0.0	0.0	0.0
				89.00000	84.00000	68.24000	0.0	0.0	0.0
				90.00000	84.00000	68.24000	0.0	0.0	0.0
				91.00000	84.00000	68.24000	0.0	0.0	0.0
				92.00000	84.00000	68.24000	0.0	0.0	0.0
				93.00000	84.00000	68.24000	0.0	0.0	0.0
				94.00000	84.00000	68.24000	0.0	0.0	0.0
				95.00000	84.00000	68.24000	0.0	0.0	0.0
				96.00000	84.00000	68.24000	0.0	0.0	0.0
				97.00000	84.00000	68.24000	0.0	0.0	0.0
				98.00000	84.00000	68.24000	0.0	0.0	0.0
				99.00000	84.00000	68.24000	0.0	0.0	0.0
				100.00000	84.00000	68.24000	0.0	0.0	0.0
				0.00000	85.00000	68.24000	0.0	0.0	0.0
				1.00000	85.00000	68.24000	0.0	0.0	0.0
				2.00000	85.00000	68.24000	0.0	0.0	0.0
				3.00000	85.00000	68.24000	0.0	0.0	0.0
				4.00000	85.00000	68.24000	0.0	0.0	0.0
				5.00000	85.00000	68.24000	0.0	0.0	0.0
				6.00000	85.00000	68.24000	0.0	0.0	0.0
				7.00000	85.00000	68.24000	0.0	0.0	0.0
				8.00000	85.00000	68.24000	0.0	0.0	0.0
				9.00000	85.00000	68.24000	0.0	0.0	0.0
				10.00000	85.00000	68.24000	0.0	0.0	0.0
				11.00000	85.00000	68.24000	0.0	0.0	0.0
				12.00000	85.00000	68.24000	0.0	0.0	0.0
				13.00000	85.00000	68.24000	0.0	0.0	0.0
				14.00000	85.00000	68.24000	0.0	0.0	0.0
				15.00000	85.00000	68.24000	0.0	0.0	0.0
				16.00000	85.00000	68.24000	0.0	0.0	0.0
				17.00000	85.00000	68.24000	0.0	0.0	0.0
				18.00000	85.00000	68.24000	0.0	0.0	0.0
				19.00000	85.00000	68.24000	0.0	0.0	0.0
				20.00000	85.00000	68.24000	0.0	0.0	0.0
				21.00000	85.00000	68.24000	0.0	0.0	0.0
				22.00000	85.00000	68.24000	0.0	0.0	0.0
				23.00000	85.00000	68.24000	0.0	0.0	0.0
				24.00000	85.00000	68.24000	0.0	0.0	0.0
				25.00000	85.00000	68.24000	0.0	0.0	0.0
				26.00000	85.00000	68.24000	0.0	0.0	0.0
				27.00000	85.00000	68.24000	0.0	0.0	0.0
				28.00000	85.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				29.00000	85.00000	68.24000	0.0	0.0	0.0
				30.00000	85.00000	68.24000	0.0	0.0	0.0
				31.00000	85.00000	68.24000	0.0	0.0	0.0
				32.00000	85.00000	68.24000	0.0	0.0	0.0
				33.00000	85.00000	68.24000	0.0	0.0	0.0
				34.00000	85.00000	68.24000	0.0	0.0	0.0
				35.00000	85.00000	68.24000	0.0	0.0	0.0
				36.00000	85.00000	68.24000	0.0	0.0	0.0
				37.00000	85.00000	68.24000	0.0	0.0	0.0
				38.00000	85.00000	68.24000	0.0	0.0	0.0
				39.00000	85.00000	68.24000	0.0	0.0	0.0
				40.00000	85.00000	68.24000	0.0	0.0	0.0
				41.00000	85.00000	68.24000	0.0	0.0	0.0
				42.00000	85.00000	68.24000	0.0	0.0	0.0
				43.00000	85.00000	68.24000	0.0	0.0	0.0
				44.00000	85.00000	68.24000	0.0	0.0	0.0
				45.00000	85.00000	68.24000	0.0	0.0	0.0
				46.00000	85.00000	68.24000	0.0	0.0	0.0
				47.00000	85.00000	68.24000	0.0	0.0	0.0
				48.00000	85.00000	68.24000	0.0	0.0	0.0
				49.00000	85.00000	68.24000	0.0	0.0	0.0
				50.00000	85.00000	68.24000	0.0	0.0	0.0
				51.00000	85.00000	68.24000	0.0	0.0	0.0
				52.00000	85.00000	68.24000	0.0	0.0	0.0
				53.00000	85.00000	68.24000	0.0	0.0	0.0
				54.00000	85.00000	68.24000	0.0	0.0	0.0
				55.00000	85.00000	68.24000	0.0	0.0	0.0
				56.00000	85.00000	68.24000	0.0	0.0	0.0
				57.00000	85.00000	68.24000	0.0	0.0	0.0
				58.00000	85.00000	68.24000	0.0	0.0	0.0
				59.00000	85.00000	68.24000	0.0	0.0	0.0
				60.00000	85.00000	68.24000	0.0	0.0	0.0
				61.00000	85.00000	68.24000	0.0	0.0	0.0
				62.00000	85.00000	68.24000	0.0	0.0	0.0
				63.00000	85.00000	68.24000	0.0	0.0	0.0
				64.00000	85.00000	68.24000	0.0	0.0	0.0
				65.00000	85.00000	68.24000	0.0	0.0	0.0
				66.00000	85.00000	68.24000	0.0	0.0	0.0
				67.00000	85.00000	68.24000	0.0	0.0	0.0
				68.00000	85.00000	68.24000	0.0	0.0	0.0
				69.00000	85.00000	68.24000	0.0	0.0	0.0
				70.00000	85.00000	68.24000	0.0	0.0	0.0
				71.00000	85.00000	68.24000	0.0	0.0	0.0
				72.00000	85.00000	68.24000	0.0	0.0	0.0
				73.00000	85.00000	68.24000	0.0	0.0	0.0
				74.00000	85.00000	68.24000	0.0	0.0	0.0
				75.00000	85.00000	68.24000	0.0	0.0	0.0
				76.00000	85.00000	68.24000	0.0	0.0	0.0
				77.00000	85.00000	68.24000	0.0	0.0	0.0
				78.00000	85.00000	68.24000	0.0	0.0	0.0
				79.00000	85.00000	68.24000	0.0	0.0	0.0
				80.00000	85.00000	68.24000	0.0	0.0	0.0
				81.00000	85.00000	68.24000	0.0	0.0	0.0
				82.00000	85.00000	68.24000	0.0	0.0	0.0
				83.00000	85.00000	68.24000	0.0	0.0	0.0
				84.00000	85.00000	68.24000	0.0	0.0	0.0
				85.00000	85.00000	68.24000	0.0	0.0	0.0
				86.00000	85.00000	68.24000	0.0	0.0	0.0
				87.00000	85.00000	68.24000	0.0	0.0	0.0
				88.00000	85.00000	68.24000	0.0	0.0	0.0
				89.00000	85.00000	68.24000	0.0	0.0	0.0
				90.00000	85.00000	68.24000	0.0	0.0	0.0
				91.00000	85.00000	68.24000	0.0	0.0	0.0
				92.00000	85.00000	68.24000	0.0	0.0	0.0
				93.00000	85.00000	68.24000	0.0	0.0	0.0
				94.00000	85.00000	68.24000	0.0	0.0	0.0
				95.00000	85.00000	68.24000	0.0	0.0	0.0
				96.00000	85.00000	68.24000	0.0	0.0	0.0
				97.00000	85.00000	68.24000	0.0	0.0	0.0
				98.00000	85.00000	68.24000	0.0	0.0	0.0
				99.00000	85.00000	68.24000	0.0	0.0	0.0
				100.00000	85.00000	68.24000	0.0	0.0	0.0
				0.00000	86.00000	68.24000	0.0	0.0	0.0
				1.00000	86.00000	68.24000	0.0	0.0	0.0
				2.00000	86.00000	68.24000	0.0	0.0	0.0
				3.00000	86.00000	68.24000	0.0	0.0	0.0
				4.00000	86.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				5.00000	86.00000	68.24000	0.0	0.0	0.0
				6.00000	86.00000	68.24000	0.0	0.0	0.0
				7.00000	86.00000	68.24000	0.0	0.0	0.0
				8.00000	86.00000	68.24000	0.0	0.0	0.0
				9.00000	86.00000	68.24000	0.0	0.0	0.0
				10.00000	86.00000	68.24000	0.0	0.0	0.0
				11.00000	86.00000	68.24000	0.0	0.0	0.0
				12.00000	86.00000	68.24000	0.0	0.0	0.0
				13.00000	86.00000	68.24000	0.0	0.0	0.0
				14.00000	86.00000	68.24000	0.0	0.0	0.0
				15.00000	86.00000	68.24000	0.0	0.0	0.0
				16.00000	86.00000	68.24000	0.0	0.0	0.0
				17.00000	86.00000	68.24000	0.0	0.0	0.0
				18.00000	86.00000	68.24000	0.0	0.0	0.0
				19.00000	86.00000	68.24000	0.0	0.0	0.0
				20.00000	86.00000	68.24000	0.0	0.0	0.0
				21.00000	86.00000	68.24000	0.0	0.0	0.0
				22.00000	86.00000	68.24000	0.0	0.0	0.0
				23.00000	86.00000	68.24000	0.0	0.0	0.0
				24.00000	86.00000	68.24000	0.0	0.0	0.0
				25.00000	86.00000	68.24000	0.0	0.0	0.0
				26.00000	86.00000	68.24000	0.0	0.0	0.0
				27.00000	86.00000	68.24000	0.0	0.0	0.0
				28.00000	86.00000	68.24000	0.0	0.0	0.0
				29.00000	86.00000	68.24000	0.0	0.0	0.0
				30.00000	86.00000	68.24000	0.0	0.0	0.0
				31.00000	86.00000	68.24000	0.0	0.0	0.0
				32.00000	86.00000	68.24000	0.0	0.0	0.0
				33.00000	86.00000	68.24000	0.0	0.0	0.0
				34.00000	86.00000	68.24000	0.0	0.0	0.0
				35.00000	86.00000	68.24000	0.0	0.0	0.0
				36.00000	86.00000	68.24000	0.0	0.0	0.0
				37.00000	86.00000	68.24000	0.0	0.0	0.0
				38.00000	86.00000	68.24000	0.0	0.0	0.0
				39.00000	86.00000	68.24000	0.0	0.0	0.0
				40.00000	86.00000	68.24000	0.0	0.0	0.0
				41.00000	86.00000	68.24000	0.0	0.0	0.0
				42.00000	86.00000	68.24000	0.0	0.0	0.0
				43.00000	86.00000	68.24000	0.0	0.0	0.0
				44.00000	86.00000	68.24000	0.0	0.0	0.0
				45.00000	86.00000	68.24000	0.0	0.0	0.0
				46.00000	86.00000	68.24000	0.0	0.0	0.0
				47.00000	86.00000	68.24000	0.0	0.0	0.0
				48.00000	86.00000	68.24000	0.0	0.0	0.0
				49.00000	86.00000	68.24000	0.0	0.0	0.0
				50.00000	86.00000	68.24000	0.0	0.0	0.0
				51.00000	86.00000	68.24000	0.0	0.0	0.0
				52.00000	86.00000	68.24000	0.0	0.0	0.0
				53.00000	86.00000	68.24000	0.0	0.0	0.0
				54.00000	86.00000	68.24000	0.0	0.0	0.0
				55.00000	86.00000	68.24000	0.0	0.0	0.0
				56.00000	86.00000	68.24000	0.0	0.0	0.0
				57.00000	86.00000	68.24000	0.0	0.0	0.0
				58.00000	86.00000	68.24000	0.0	0.0	0.0
				59.00000	86.00000	68.24000	0.0	0.0	0.0
				60.00000	86.00000	68.24000	0.0	0.0	0.0
				61.00000	86.00000	68.24000	0.0	0.0	0.0
				62.00000	86.00000	68.24000	0.0	0.0	0.0
				63.00000	86.00000	68.24000	0.0	0.0	0.0
				64.00000	86.00000	68.24000	0.0	0.0	0.0
				65.00000	86.00000	68.24000	0.0	0.0	0.0
				66.00000	86.00000	68.24000	0.0	0.0	0.0
				67.00000	86.00000	68.24000	0.0	0.0	0.0
				68.00000	86.00000	68.24000	0.0	0.0	0.0
				69.00000	86.00000	68.24000	0.0	0.0	0.0
				70.00000	86.00000	68.24000	0.0	0.0	0.0
				71.00000	86.00000	68.24000	0.0	0.0	0.0
				72.00000	86.00000	68.24000	0.0	0.0	0.0
				73.00000	86.00000	68.24000	0.0	0.0	0.0
				74.00000	86.00000	68.24000	0.0	0.0	0.0
				75.00000	86.00000	68.24000	0.0	0.0	0.0
				76.00000	86.00000	68.24000	0.0	0.0	0.0
				77.00000	86.00000	68.24000	0.0	0.0	0.0
				78.00000	86.00000	68.24000	0.0	0.0	0.0
				79.00000	86.00000	68.24000	0.0	0.0	0.0
				80.00000	86.00000	68.24000	0.0	0.0	0.0
				81.00000	86.00000	68.24000	0.0	0.0	0.0



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Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				82.00000	86.00000	68.24000	0.0	0.0	0.0
				83.00000	86.00000	68.24000	0.0	0.0	0.0
				84.00000	86.00000	68.24000	0.0	0.0	0.0
				85.00000	86.00000	68.24000	0.0	0.0	0.0
				86.00000	86.00000	68.24000	0.0	0.0	0.0
				87.00000	86.00000	68.24000	0.0	0.0	0.0
				88.00000	86.00000	68.24000	0.0	0.0	0.0
				89.00000	86.00000	68.24000	0.0	0.0	0.0
				90.00000	86.00000	68.24000	0.0	0.0	0.0
				91.00000	86.00000	68.24000	0.0	0.0	0.0
				92.00000	86.00000	68.24000	0.0	0.0	0.0
				93.00000	86.00000	68.24000	0.0	0.0	0.0
				94.00000	86.00000	68.24000	0.0	0.0	0.0
				95.00000	86.00000	68.24000	0.0	0.0	0.0
				96.00000	86.00000	68.24000	0.0	0.0	0.0
				97.00000	86.00000	68.24000	0.0	0.0	0.0
				98.00000	86.00000	68.24000	0.0	0.0	0.0
				99.00000	86.00000	68.24000	0.0	0.0	0.0
				100.00000	86.00000	68.24000	0.0	0.0	0.0
				0.00000	87.00000	68.24000	0.0	0.0	0.0
				1.00000	87.00000	68.24000	0.0	0.0	0.0
				2.00000	87.00000	68.24000	0.0	0.0	0.0
				3.00000	87.00000	68.24000	0.0	0.0	0.0
				4.00000	87.00000	68.24000	0.0	0.0	0.0
				5.00000	87.00000	68.24000	0.0	0.0	0.0
				6.00000	87.00000	68.24000	0.0	0.0	0.0
				7.00000	87.00000	68.24000	0.0	0.0	0.0
				8.00000	87.00000	68.24000	0.0	0.0	0.0
				9.00000	87.00000	68.24000	0.0	0.0	0.0
				10.00000	87.00000	68.24000	0.0	0.0	0.0
				11.00000	87.00000	68.24000	0.0	0.0	0.0
				12.00000	87.00000	68.24000	0.0	0.0	0.0
				13.00000	87.00000	68.24000	0.0	0.0	0.0
				14.00000	87.00000	68.24000	0.0	0.0	0.0
				15.00000	87.00000	68.24000	0.0	0.0	0.0
				16.00000	87.00000	68.24000	0.0	0.0	0.0
				17.00000	87.00000	68.24000	0.0	0.0	0.0
				18.00000	87.00000	68.24000	0.0	0.0	0.0
				19.00000	87.00000	68.24000	0.0	0.0	0.0
				20.00000	87.00000	68.24000	0.0	0.0	0.0
				21.00000	87.00000	68.24000	0.0	0.0	0.0
				22.00000	87.00000	68.24000	0.0	0.0	0.0
				23.00000	87.00000	68.24000	0.0	0.0	0.0
				24.00000	87.00000	68.24000	0.0	0.0	0.0
				25.00000	87.00000	68.24000	0.0	0.0	0.0
				26.00000	87.00000	68.24000	0.0	0.0	0.0
				27.00000	87.00000	68.24000	0.0	0.0	0.0
				28.00000	87.00000	68.24000	0.0	0.0	0.0
				29.00000	87.00000	68.24000	0.0	0.0	0.0
				30.00000	87.00000	68.24000	0.0	0.0	0.0
				31.00000	87.00000	68.24000	0.0	0.0	0.0
				32.00000	87.00000	68.24000	0.0	0.0	0.0
				33.00000	87.00000	68.24000	0.0	0.0	0.0
				34.00000	87.00000	68.24000	0.0	0.0	0.0
				35.00000	87.00000	68.24000	0.0	0.0	0.0
				36.00000	87.00000	68.24000	0.0	0.0	0.0
				37.00000	87.00000	68.24000	0.0	0.0	0.0
				38.00000	87.00000	68.24000	0.0	0.0	0.0
				39.00000	87.00000	68.24000	0.0	0.0	0.0
				40.00000	87.00000	68.24000	0.0	0.0	0.0
				41.00000	87.00000	68.24000	0.0	0.0	0.0
				42.00000	87.00000	68.24000	0.0	0.0	0.0
				43.00000	87.00000	68.24000	0.0	0.0	0.0
				44.00000	87.00000	68.24000	0.0	0.0	0.0
				45.00000	87.00000	68.24000	0.0	0.0	0.0
				46.00000	87.00000	68.24000	0.0	0.0	0.0
				47.00000	87.00000	68.24000	0.0	0.0	0.0
				48.00000	87.00000	68.24000	0.0	0.0	0.0
				49.00000	87.00000	68.24000	0.0	0.0	0.0
				50.00000	87.00000	68.24000	0.0	0.0	0.0
				51.00000	87.00000	68.24000	0.0	0.0	0.0
				52.00000	87.00000	68.24000	0.0	0.0	0.0
				53.00000	87.00000	68.24000	0.0	0.0	0.0
				54.00000	87.00000	68.24000	0.0	0.0	0.0
				55.00000	87.00000	68.24000	0.0	0.0	0.0
				56.00000	87.00000	68.24000	0.0	0.0	0.0
				57.00000	87.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x [m]	y [m]	z [m]	δx [mm]	δy [mm]	δz [mm]
				58.00000	87.00000	68.24000	0.0	0.0	0.0
				59.00000	87.00000	68.24000	0.0	0.0	0.0
				60.00000	87.00000	68.24000	0.0	0.0	0.0
				61.00000	87.00000	68.24000	0.0	0.0	0.0
				62.00000	87.00000	68.24000	0.0	0.0	0.0
				63.00000	87.00000	68.24000	0.0	0.0	0.0
				64.00000	87.00000	68.24000	0.0	0.0	0.0
				65.00000	87.00000	68.24000	0.0	0.0	0.0
				66.00000	87.00000	68.24000	0.0	0.0	0.0
				67.00000	87.00000	68.24000	0.0	0.0	0.0
				68.00000	87.00000	68.24000	0.0	0.0	0.0
				69.00000	87.00000	68.24000	0.0	0.0	0.0
				70.00000	87.00000	68.24000	0.0	0.0	0.0
				71.00000	87.00000	68.24000	0.0	0.0	0.0
				72.00000	87.00000	68.24000	0.0	0.0	0.0
				73.00000	87.00000	68.24000	0.0	0.0	0.0
				74.00000	87.00000	68.24000	0.0	0.0	0.0
				75.00000	87.00000	68.24000	0.0	0.0	0.0
				76.00000	87.00000	68.24000	0.0	0.0	0.0
				77.00000	87.00000	68.24000	0.0	0.0	0.0
				78.00000	87.00000	68.24000	0.0	0.0	0.0
				79.00000	87.00000	68.24000	0.0	0.0	0.0
				80.00000	87.00000	68.24000	0.0	0.0	0.0
				81.00000	87.00000	68.24000	0.0	0.0	0.0
				82.00000	87.00000	68.24000	0.0	0.0	0.0
				83.00000	87.00000	68.24000	0.0	0.0	0.0
				84.00000	87.00000	68.24000	0.0	0.0	0.0
				85.00000	87.00000	68.24000	0.0	0.0	0.0
				86.00000	87.00000	68.24000	0.0	0.0	0.0
				87.00000	87.00000	68.24000	0.0	0.0	0.0
				88.00000	87.00000	68.24000	0.0	0.0	0.0
				89.00000	87.00000	68.24000	0.0	0.0	0.0
				90.00000	87.00000	68.24000	0.0	0.0	0.0
				91.00000	87.00000	68.24000	0.0	0.0	0.0
				92.00000	87.00000	68.24000	0.0	0.0	0.0
				93.00000	87.00000	68.24000	0.0	0.0	0.0
				94.00000	87.00000	68.24000	0.0	0.0	0.0
				95.00000	87.00000	68.24000	0.0	0.0	0.0
				96.00000	87.00000	68.24000	0.0	0.0	0.0
				97.00000	87.00000	68.24000	0.0	0.0	0.0
				98.00000	87.00000	68.24000	0.0	0.0	0.0
				99.00000	87.00000	68.24000	0.0	0.0	0.0
				100.00000	87.00000	68.24000	0.0	0.0	0.0
				0.00000	88.00000	68.24000	0.0	0.0	0.0
				1.00000	88.00000	68.24000	0.0	0.0	0.0
				2.00000	88.00000	68.24000	0.0	0.0	0.0
				3.00000	88.00000	68.24000	0.0	0.0	0.0
				4.00000	88.00000	68.24000	0.0	0.0	0.0
				5.00000	88.00000	68.24000	0.0	0.0	0.0
				6.00000	88.00000	68.24000	0.0	0.0	0.0
				7.00000	88.00000	68.24000	0.0	0.0	0.0
				8.00000	88.00000	68.24000	0.0	0.0	0.0
				9.00000	88.00000	68.24000	0.0	0.0	0.0
				10.00000	88.00000	68.24000	0.0	0.0	0.0
				11.00000	88.00000	68.24000	0.0	0.0	0.0
				12.00000	88.00000	68.24000	0.0	0.0	0.0
				13.00000	88.00000	68.24000	0.0	0.0	0.0
				14.00000	88.00000	68.24000	0.0	0.0	0.0
				15.00000	88.00000	68.24000	0.0	0.0	0.0
				16.00000	88.00000	68.24000	0.0	0.0	0.0
				17.00000	88.00000	68.24000	0.0	0.0	0.0
				18.00000	88.00000	68.24000	0.0	0.0	0.0
				19.00000	88.00000	68.24000	0.0	0.0	0.0
				20.00000	88.00000	68.24000	0.0	0.0	0.0
				21.00000	88.00000	68.24000	0.0	0.0	0.0
				22.00000	88.00000	68.24000	0.0	0.0	0.0
				23.00000	88.00000	68.24000	0.0	0.0	0.0
				24.00000	88.00000	68.24000	0.0	0.0	0.0
				25.00000	88.00000	68.24000	0.0	0.0	0.0
				26.00000	88.00000	68.24000	0.0	0.0	0.0
				27.00000	88.00000	68.24000	0.0	0.0	0.0
				28.00000	88.00000	68.24000	0.0	0.0	0.0
				29.00000	88.00000	68.24000	0.0	0.0	0.0
				30.00000	88.00000	68.24000	0.0	0.0	0.0
				31.00000	88.00000	68.24000	0.0	0.0	0.0
				32.00000	88.00000	68.24000	0.0	0.0	0.0
				33.00000	88.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				34.00000	88.00000	68.24000	0.0	0.0	0.0
				35.00000	88.00000	68.24000	0.0	0.0	0.0
				36.00000	88.00000	68.24000	0.0	0.0	0.0
				37.00000	88.00000	68.24000	0.0	0.0	0.0
				38.00000	88.00000	68.24000	0.0	0.0	0.0
				39.00000	88.00000	68.24000	0.0	0.0	0.0
				40.00000	88.00000	68.24000	0.0	0.0	0.0
				41.00000	88.00000	68.24000	0.0	0.0	0.0
				42.00000	88.00000	68.24000	0.0	0.0	0.0
				43.00000	88.00000	68.24000	0.0	0.0	0.0
				44.00000	88.00000	68.24000	0.0	0.0	0.0
				45.00000	88.00000	68.24000	0.0	0.0	0.0
				46.00000	88.00000	68.24000	0.0	0.0	0.0
				47.00000	88.00000	68.24000	0.0	0.0	0.0
				48.00000	88.00000	68.24000	0.0	0.0	0.0
				49.00000	88.00000	68.24000	0.0	0.0	0.0
				50.00000	88.00000	68.24000	0.0	0.0	0.0
				51.00000	88.00000	68.24000	0.0	0.0	0.0
				52.00000	88.00000	68.24000	0.0	0.0	0.0
				53.00000	88.00000	68.24000	0.0	0.0	0.0
				54.00000	88.00000	68.24000	0.0	0.0	0.0
				55.00000	88.00000	68.24000	0.0	0.0	0.0
				56.00000	88.00000	68.24000	0.0	0.0	0.0
				57.00000	88.00000	68.24000	0.0	0.0	0.0
				58.00000	88.00000	68.24000	0.0	0.0	0.0
				59.00000	88.00000	68.24000	0.0	0.0	0.0
				60.00000	88.00000	68.24000	0.0	0.0	0.0
				61.00000	88.00000	68.24000	0.0	0.0	0.0
				62.00000	88.00000	68.24000	0.0	0.0	0.0
				63.00000	88.00000	68.24000	0.0	0.0	0.0
				64.00000	88.00000	68.24000	0.0	0.0	0.0
				65.00000	88.00000	68.24000	0.0	0.0	0.0
				66.00000	88.00000	68.24000	0.0	0.0	0.0
				67.00000	88.00000	68.24000	0.0	0.0	0.0
				68.00000	88.00000	68.24000	0.0	0.0	0.0
				69.00000	88.00000	68.24000	0.0	0.0	0.0
				70.00000	88.00000	68.24000	0.0	0.0	0.0
				71.00000	88.00000	68.24000	0.0	0.0	0.0
				72.00000	88.00000	68.24000	0.0	0.0	0.0
				73.00000	88.00000	68.24000	0.0	0.0	0.0
				74.00000	88.00000	68.24000	0.0	0.0	0.0
				75.00000	88.00000	68.24000	0.0	0.0	0.0
				76.00000	88.00000	68.24000	0.0	0.0	0.0
				77.00000	88.00000	68.24000	0.0	0.0	0.0
				78.00000	88.00000	68.24000	0.0	0.0	0.0
				79.00000	88.00000	68.24000	0.0	0.0	0.0
				80.00000	88.00000	68.24000	0.0	0.0	0.0
				81.00000	88.00000	68.24000	0.0	0.0	0.0
				82.00000	88.00000	68.24000	0.0	0.0	0.0
				83.00000	88.00000	68.24000	0.0	0.0	0.0
				84.00000	88.00000	68.24000	0.0	0.0	0.0
				85.00000	88.00000	68.24000	0.0	0.0	0.0
				86.00000	88.00000	68.24000	0.0	0.0	0.0
				87.00000	88.00000	68.24000	0.0	0.0	0.0
				88.00000	88.00000	68.24000	0.0	0.0	0.0
				89.00000	88.00000	68.24000	0.0	0.0	0.0
				90.00000	88.00000	68.24000	0.0	0.0	0.0
				91.00000	88.00000	68.24000	0.0	0.0	0.0
				92.00000	88.00000	68.24000	0.0	0.0	0.0
				93.00000	88.00000	68.24000	0.0	0.0	0.0
				94.00000	88.00000	68.24000	0.0	0.0	0.0
				95.00000	88.00000	68.24000	0.0	0.0	0.0
				96.00000	88.00000	68.24000	0.0	0.0	0.0
				97.00000	88.00000	68.24000	0.0	0.0	0.0
				98.00000	88.00000	68.24000	0.0	0.0	0.0
				99.00000	88.00000	68.24000	0.0	0.0	0.0
				100.00000	88.00000	68.24000	0.0	0.0	0.0
				0.00000	89.00000	68.24000	0.0	0.0	0.0
				1.00000	89.00000	68.24000	0.0	0.0	0.0
				2.00000	89.00000	68.24000	0.0	0.0	0.0
				3.00000	89.00000	68.24000	0.0	0.0	0.0
				4.00000	89.00000	68.24000	0.0	0.0	0.0
				5.00000	89.00000	68.24000	0.0	0.0	0.0
				6.00000	89.00000	68.24000	0.0	0.0	0.0
				7.00000	89.00000	68.24000	0.0	0.0	0.0
				8.00000	89.00000	68.24000	0.0	0.0	0.0
				9.00000	89.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				10.00000	89.00000	68.24000	0.0	0.0	0.0
				11.00000	89.00000	68.24000	0.0	0.0	0.0
				12.00000	89.00000	68.24000	0.0	0.0	0.0
				13.00000	89.00000	68.24000	0.0	0.0	0.0
				14.00000	89.00000	68.24000	0.0	0.0	0.0
				15.00000	89.00000	68.24000	0.0	0.0	0.0
				16.00000	89.00000	68.24000	0.0	0.0	0.0
				17.00000	89.00000	68.24000	0.0	0.0	0.0
				18.00000	89.00000	68.24000	0.0	0.0	0.0
				19.00000	89.00000	68.24000	0.0	0.0	0.0
				20.00000	89.00000	68.24000	0.0	0.0	0.0
				21.00000	89.00000	68.24000	0.0	0.0	0.0
				22.00000	89.00000	68.24000	0.0	0.0	0.0
				23.00000	89.00000	68.24000	0.0	0.0	0.0
				24.00000	89.00000	68.24000	0.0	0.0	0.0
				25.00000	89.00000	68.24000	0.0	0.0	0.0
				26.00000	89.00000	68.24000	0.0	0.0	0.0
				27.00000	89.00000	68.24000	0.0	0.0	0.0
				28.00000	89.00000	68.24000	0.0	0.0	0.0
				29.00000	89.00000	68.24000	0.0	0.0	0.0
				30.00000	89.00000	68.24000	0.0	0.0	0.0
				31.00000	89.00000	68.24000	0.0	0.0	0.0
				32.00000	89.00000	68.24000	0.0	0.0	0.0
				33.00000	89.00000	68.24000	0.0	0.0	0.0
				34.00000	89.00000	68.24000	0.0	0.0	0.0
				35.00000	89.00000	68.24000	0.0	0.0	0.0
				36.00000	89.00000	68.24000	0.0	0.0	0.0
				37.00000	89.00000	68.24000	0.0	0.0	0.0
				38.00000	89.00000	68.24000	0.0	0.0	0.0
				39.00000	89.00000	68.24000	0.0	0.0	0.0
				40.00000	89.00000	68.24000	0.0	0.0	0.0
				41.00000	89.00000	68.24000	0.0	0.0	0.0
				42.00000	89.00000	68.24000	0.0	0.0	0.0
				43.00000	89.00000	68.24000	0.0	0.0	0.0
				44.00000	89.00000	68.24000	0.0	0.0	0.0
				45.00000	89.00000	68.24000	0.0	0.0	0.0
				46.00000	89.00000	68.24000	0.0	0.0	0.0
				47.00000	89.00000	68.24000	0.0	0.0	0.0
				48.00000	89.00000	68.24000	0.0	0.0	0.0
				49.00000	89.00000	68.24000	0.0	0.0	0.0
				50.00000	89.00000	68.24000	0.0	0.0	0.0
				51.00000	89.00000	68.24000	0.0	0.0	0.0
				52.00000	89.00000	68.24000	0.0	0.0	0.0
				53.00000	89.00000	68.24000	0.0	0.0	0.0
				54.00000	89.00000	68.24000	0.0	0.0	0.0
				55.00000	89.00000	68.24000	0.0	0.0	0.0
				56.00000	89.00000	68.24000	0.0	0.0	0.0
				57.00000	89.00000	68.24000	0.0	0.0	0.0
				58.00000	89.00000	68.24000	0.0	0.0	0.0
				59.00000	89.00000	68.24000	0.0	0.0	0.0
				60.00000	89.00000	68.24000	0.0	0.0	0.0
				61.00000	89.00000	68.24000	0.0	0.0	0.0
				62.00000	89.00000	68.24000	0.0	0.0	0.0
				63.00000	89.00000	68.24000	0.0	0.0	0.0
				64.00000	89.00000	68.24000	0.0	0.0	0.0
				65.00000	89.00000	68.24000	0.0	0.0	0.0
				66.00000	89.00000	68.24000	0.0	0.0	0.0
				67.00000	89.00000	68.24000	0.0	0.0	0.0
				68.00000	89.00000	68.24000	0.0	0.0	0.0
				69.00000	89.00000	68.24000	0.0	0.0	0.0
				70.00000	89.00000	68.24000	0.0	0.0	0.0
				71.00000	89.00000	68.24000	0.0	0.0	0.0
				72.00000	89.00000	68.24000	0.0	0.0	0.0
				73.00000	89.00000	68.24000	0.0	0.0	0.0
				74.00000	89.00000	68.24000	0.0	0.0	0.0
				75.00000	89.00000	68.24000	0.0	0.0	0.0
				76.00000	89.00000	68.24000	0.0	0.0	0.0
				77.00000	89.00000	68.24000	0.0	0.0	0.0
				78.00000	89.00000	68.24000	0.0	0.0	0.0
				79.00000	89.00000	68.24000	0.0	0.0	0.0
				80.00000	89.00000	68.24000	0.0	0.0	0.0
				81.00000	89.00000	68.24000	0.0	0.0	0.0
				82.00000	89.00000	68.24000	0.0	0.0	0.0
				83.00000	89.00000	68.24000	0.0	0.0	0.0
				84.00000	89.00000	68.24000	0.0	0.0	0.0
				85.00000	89.00000	68.24000	0.0	0.0	0.0
				86.00000	89.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				87.00000	89.00000	68.24000	0.0	0.0	0.0
				88.00000	89.00000	68.24000	0.0	0.0	0.0
				89.00000	89.00000	68.24000	0.0	0.0	0.0
				90.00000	89.00000	68.24000	0.0	0.0	0.0
				91.00000	89.00000	68.24000	0.0	0.0	0.0
				92.00000	89.00000	68.24000	0.0	0.0	0.0
				93.00000	89.00000	68.24000	0.0	0.0	0.0
				94.00000	89.00000	68.24000	0.0	0.0	0.0
				95.00000	89.00000	68.24000	0.0	0.0	0.0
				96.00000	89.00000	68.24000	0.0	0.0	0.0
				97.00000	89.00000	68.24000	0.0	0.0	0.0
				98.00000	89.00000	68.24000	0.0	0.0	0.0
				99.00000	89.00000	68.24000	0.0	0.0	0.0
				100.00000	89.00000	68.24000	0.0	0.0	0.0
				0.00000	90.00000	68.24000	0.0	0.0	0.0
				1.00000	90.00000	68.24000	0.0	0.0	0.0
				2.00000	90.00000	68.24000	0.0	0.0	0.0
				3.00000	90.00000	68.24000	0.0	0.0	0.0
				4.00000	90.00000	68.24000	0.0	0.0	0.0
				5.00000	90.00000	68.24000	0.0	0.0	0.0
				6.00000	90.00000	68.24000	0.0	0.0	0.0
				7.00000	90.00000	68.24000	0.0	0.0	0.0
				8.00000	90.00000	68.24000	0.0	0.0	0.0
				9.00000	90.00000	68.24000	0.0	0.0	0.0
				10.00000	90.00000	68.24000	0.0	0.0	0.0
				11.00000	90.00000	68.24000	0.0	0.0	0.0
				12.00000	90.00000	68.24000	0.0	0.0	0.0
				13.00000	90.00000	68.24000	0.0	0.0	0.0
				14.00000	90.00000	68.24000	0.0	0.0	0.0
				15.00000	90.00000	68.24000	0.0	0.0	0.0
				16.00000	90.00000	68.24000	0.0	0.0	0.0
				17.00000	90.00000	68.24000	0.0	0.0	0.0
				18.00000	90.00000	68.24000	0.0	0.0	0.0
				19.00000	90.00000	68.24000	0.0	0.0	0.0
				20.00000	90.00000	68.24000	0.0	0.0	0.0
				21.00000	90.00000	68.24000	0.0	0.0	0.0
				22.00000	90.00000	68.24000	0.0	0.0	0.0
				23.00000	90.00000	68.24000	0.0	0.0	0.0
				24.00000	90.00000	68.24000	0.0	0.0	0.0
				25.00000	90.00000	68.24000	0.0	0.0	0.0
				26.00000	90.00000	68.24000	0.0	0.0	0.0
				27.00000	90.00000	68.24000	0.0	0.0	0.0
				28.00000	90.00000	68.24000	0.0	0.0	0.0
				29.00000	90.00000	68.24000	0.0	0.0	0.0
				30.00000	90.00000	68.24000	0.0	0.0	0.0
				31.00000	90.00000	68.24000	0.0	0.0	0.0
				32.00000	90.00000	68.24000	0.0	0.0	0.0
				33.00000	90.00000	68.24000	0.0	0.0	0.0
				34.00000	90.00000	68.24000	0.0	0.0	0.0
				35.00000	90.00000	68.24000	0.0	0.0	0.0
				36.00000	90.00000	68.24000	0.0	0.0	0.0
				37.00000	90.00000	68.24000	0.0	0.0	0.0
				38.00000	90.00000	68.24000	0.0	0.0	0.0
				39.00000	90.00000	68.24000	0.0	0.0	0.0
				40.00000	90.00000	68.24000	0.0	0.0	0.0
				41.00000	90.00000	68.24000	0.0	0.0	0.0
				42.00000	90.00000	68.24000	0.0	0.0	0.0
				43.00000	90.00000	68.24000	0.0	0.0	0.0
				44.00000	90.00000	68.24000	0.0	0.0	0.0
				45.00000	90.00000	68.24000	0.0	0.0	0.0
				46.00000	90.00000	68.24000	0.0	0.0	0.0
				47.00000	90.00000	68.24000	0.0	0.0	0.0
				48.00000	90.00000	68.24000	0.0	0.0	0.0
				49.00000	90.00000	68.24000	0.0	0.0	0.0
				50.00000	90.00000	68.24000	0.0	0.0	0.0
				51.00000	90.00000	68.24000	0.0	0.0	0.0
				52.00000	90.00000	68.24000	0.0	0.0	0.0
				53.00000	90.00000	68.24000	0.0	0.0	0.0
				54.00000	90.00000	68.24000	0.0	0.0	0.0
				55.00000	90.00000	68.24000	0.0	0.0	0.0
				56.00000	90.00000	68.24000	0.0	0.0	0.0
				57.00000	90.00000	68.24000	0.0	0.0	0.0
				58.00000	90.00000	68.24000	0.0	0.0	0.0
				59.00000	90.00000	68.24000	0.0	0.0	0.0
				60.00000	90.00000	68.24000	0.0	0.0	0.0
				61.00000	90.00000	68.24000	0.0	0.0	0.0
				62.00000	90.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				63.00000	90.00000	68.24000	0.0	0.0	0.0
				64.00000	90.00000	68.24000	0.0	0.0	0.0
				65.00000	90.00000	68.24000	0.0	0.0	0.0
				66.00000	90.00000	68.24000	0.0	0.0	0.0
				67.00000	90.00000	68.24000	0.0	0.0	0.0
				68.00000	90.00000	68.24000	0.0	0.0	0.0
				69.00000	90.00000	68.24000	0.0	0.0	0.0
				70.00000	90.00000	68.24000	0.0	0.0	0.0
				71.00000	90.00000	68.24000	0.0	0.0	0.0
				72.00000	90.00000	68.24000	0.0	0.0	0.0
				73.00000	90.00000	68.24000	0.0	0.0	0.0
				74.00000	90.00000	68.24000	0.0	0.0	0.0
				75.00000	90.00000	68.24000	0.0	0.0	0.0
				76.00000	90.00000	68.24000	0.0	0.0	0.0
				77.00000	90.00000	68.24000	0.0	0.0	0.0
				78.00000	90.00000	68.24000	0.0	0.0	0.0
				79.00000	90.00000	68.24000	0.0	0.0	0.0
				80.00000	90.00000	68.24000	0.0	0.0	0.0
				81.00000	90.00000	68.24000	0.0	0.0	0.0
				82.00000	90.00000	68.24000	0.0	0.0	0.0
				83.00000	90.00000	68.24000	0.0	0.0	0.0
				84.00000	90.00000	68.24000	0.0	0.0	0.0
				85.00000	90.00000	68.24000	0.0	0.0	0.0
				86.00000	90.00000	68.24000	0.0	0.0	0.0
				87.00000	90.00000	68.24000	0.0	0.0	0.0
				88.00000	90.00000	68.24000	0.0	0.0	0.0
				89.00000	90.00000	68.24000	0.0	0.0	0.0
				90.00000	90.00000	68.24000	0.0	0.0	0.0
				91.00000	90.00000	68.24000	0.0	0.0	0.0
				92.00000	90.00000	68.24000	0.0	0.0	0.0
				93.00000	90.00000	68.24000	0.0	0.0	0.0
				94.00000	90.00000	68.24000	0.0	0.0	0.0
				95.00000	90.00000	68.24000	0.0	0.0	0.0
				96.00000	90.00000	68.24000	0.0	0.0	0.0
				97.00000	90.00000	68.24000	0.0	0.0	0.0
				98.00000	90.00000	68.24000	0.0	0.0	0.0
				99.00000	90.00000	68.24000	0.0	0.0	0.0
				100.00000	90.00000	68.24000	0.0	0.0	0.0
				0.00000	91.00000	68.24000	0.0	0.0	0.0
				1.00000	91.00000	68.24000	0.0	0.0	0.0
				2.00000	91.00000	68.24000	0.0	0.0	0.0
				3.00000	91.00000	68.24000	0.0	0.0	0.0
				4.00000	91.00000	68.24000	0.0	0.0	0.0
				5.00000	91.00000	68.24000	0.0	0.0	0.0
				6.00000	91.00000	68.24000	0.0	0.0	0.0
				7.00000	91.00000	68.24000	0.0	0.0	0.0
				8.00000	91.00000	68.24000	0.0	0.0	0.0
				9.00000	91.00000	68.24000	0.0	0.0	0.0
				10.00000	91.00000	68.24000	0.0	0.0	0.0
				11.00000	91.00000	68.24000	0.0	0.0	0.0
				12.00000	91.00000	68.24000	0.0	0.0	0.0
				13.00000	91.00000	68.24000	0.0	0.0	0.0
				14.00000	91.00000	68.24000	0.0	0.0	0.0
				15.00000	91.00000	68.24000	0.0	0.0	0.0
				16.00000	91.00000	68.24000	0.0	0.0	0.0
				17.00000	91.00000	68.24000	0.0	0.0	0.0
				18.00000	91.00000	68.24000	0.0	0.0	0.0
				19.00000	91.00000	68.24000	0.0	0.0	0.0
				20.00000	91.00000	68.24000	0.0	0.0	0.0
				21.00000	91.00000	68.24000	0.0	0.0	0.0
				22.00000	91.00000	68.24000	0.0	0.0	0.0
				23.00000	91.00000	68.24000	0.0	0.0	0.0
				24.00000	91.00000	68.24000	0.0	0.0	0.0
				25.00000	91.00000	68.24000	0.0	0.0	0.0
				26.00000	91.00000	68.24000	0.0	0.0	0.0
				27.00000	91.00000	68.24000	0.0	0.0	0.0
				28.00000	91.00000	68.24000	0.0	0.0	0.0
				29.00000	91.00000	68.24000	0.0	0.0	0.0
				30.00000	91.00000	68.24000	0.0	0.0	0.0
				31.00000	91.00000	68.24000	0.0	0.0	0.0
				32.00000	91.00000	68.24000	0.0	0.0	0.0
				33.00000	91.00000	68.24000	0.0	0.0	0.0
				34.00000	91.00000	68.24000	0.0	0.0	0.0
				35.00000	91.00000	68.24000	0.0	0.0	0.0
				36.00000	91.00000	68.24000	0.0	0.0	0.0
				37.00000	91.00000	68.24000	0.0	0.0	0.0
				38.00000	91.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				39.00000	91.00000	68.24000	0.0	0.0	0.0
				40.00000	91.00000	68.24000	0.0	0.0	0.0
				41.00000	91.00000	68.24000	0.0	0.0	0.0
				42.00000	91.00000	68.24000	0.0	0.0	0.0
				43.00000	91.00000	68.24000	0.0	0.0	0.0
				44.00000	91.00000	68.24000	0.0	0.0	0.0
				45.00000	91.00000	68.24000	0.0	0.0	0.0
				46.00000	91.00000	68.24000	0.0	0.0	0.0
				47.00000	91.00000	68.24000	0.0	0.0	0.0
				48.00000	91.00000	68.24000	0.0	0.0	0.0
				49.00000	91.00000	68.24000	0.0	0.0	0.0
				50.00000	91.00000	68.24000	0.0	0.0	0.0
				51.00000	91.00000	68.24000	0.0	0.0	0.0
				52.00000	91.00000	68.24000	0.0	0.0	0.0
				53.00000	91.00000	68.24000	0.0	0.0	0.0
				54.00000	91.00000	68.24000	0.0	0.0	0.0
				55.00000	91.00000	68.24000	0.0	0.0	0.0
				56.00000	91.00000	68.24000	0.0	0.0	0.0
				57.00000	91.00000	68.24000	0.0	0.0	0.0
				58.00000	91.00000	68.24000	0.0	0.0	0.0
				59.00000	91.00000	68.24000	0.0	0.0	0.0
				60.00000	91.00000	68.24000	0.0	0.0	0.0
				61.00000	91.00000	68.24000	0.0	0.0	0.0
				62.00000	91.00000	68.24000	0.0	0.0	0.0
				63.00000	91.00000	68.24000	0.0	0.0	0.0
				64.00000	91.00000	68.24000	0.0	0.0	0.0
				65.00000	91.00000	68.24000	0.0	0.0	0.0
				66.00000	91.00000	68.24000	0.0	0.0	0.0
				67.00000	91.00000	68.24000	0.0	0.0	0.0
				68.00000	91.00000	68.24000	0.0	0.0	0.0
				69.00000	91.00000	68.24000	0.0	0.0	0.0
				70.00000	91.00000	68.24000	0.0	0.0	0.0
				71.00000	91.00000	68.24000	0.0	0.0	0.0
				72.00000	91.00000	68.24000	0.0	0.0	0.0
				73.00000	91.00000	68.24000	0.0	0.0	0.0
				74.00000	91.00000	68.24000	0.0	0.0	0.0
				75.00000	91.00000	68.24000	0.0	0.0	0.0
				76.00000	91.00000	68.24000	0.0	0.0	0.0
				77.00000	91.00000	68.24000	0.0	0.0	0.0
				78.00000	91.00000	68.24000	0.0	0.0	0.0
				79.00000	91.00000	68.24000	0.0	0.0	0.0
				80.00000	91.00000	68.24000	0.0	0.0	0.0
				81.00000	91.00000	68.24000	0.0	0.0	0.0
				82.00000	91.00000	68.24000	0.0	0.0	0.0
				83.00000	91.00000	68.24000	0.0	0.0	0.0
				84.00000	91.00000	68.24000	0.0	0.0	0.0
				85.00000	91.00000	68.24000	0.0	0.0	0.0
				86.00000	91.00000	68.24000	0.0	0.0	0.0
				87.00000	91.00000	68.24000	0.0	0.0	0.0
				88.00000	91.00000	68.24000	0.0	0.0	0.0
				89.00000	91.00000	68.24000	0.0	0.0	0.0
				90.00000	91.00000	68.24000	0.0	0.0	0.0
				91.00000	91.00000	68.24000	0.0	0.0	0.0
				92.00000	91.00000	68.24000	0.0	0.0	0.0
				93.00000	91.00000	68.24000	0.0	0.0	0.0
				94.00000	91.00000	68.24000	0.0	0.0	0.0
				95.00000	91.00000	68.24000	0.0	0.0	0.0
				96.00000	91.00000	68.24000	0.0	0.0	0.0
				97.00000	91.00000	68.24000	0.0	0.0	0.0
				98.00000	91.00000	68.24000	0.0	0.0	0.0
				99.00000	91.00000	68.24000	0.0	0.0	0.0
				100.00000	91.00000	68.24000	0.0	0.0	0.0
				0.00000	92.00000	68.24000	0.0	0.0	0.0
				1.00000	92.00000	68.24000	0.0	0.0	0.0
				2.00000	92.00000	68.24000	0.0	0.0	0.0
				3.00000	92.00000	68.24000	0.0	0.0	0.0
				4.00000	92.00000	68.24000	0.0	0.0	0.0
				5.00000	92.00000	68.24000	0.0	0.0	0.0
				6.00000	92.00000	68.24000	0.0	0.0	0.0
				7.00000	92.00000	68.24000	0.0	0.0	0.0
				8.00000	92.00000	68.24000	0.0	0.0	0.0
				9.00000	92.00000	68.24000	0.0	0.0	0.0
				10.00000	92.00000	68.24000	0.0	0.0	0.0
				11.00000	92.00000	68.24000	0.0	0.0	0.0
				12.00000	92.00000	68.24000	0.0	0.0	0.0
				13.00000	92.00000	68.24000	0.0	0.0	0.0
				14.00000	92.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
15.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
16.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
17.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
18.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
19.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
20.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
21.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
22.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
23.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
24.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
25.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
26.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
27.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
28.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
29.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
30.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
31.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
32.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
33.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
34.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
35.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
36.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
37.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
38.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
39.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
40.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
41.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
42.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
43.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
44.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
45.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
46.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
47.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
48.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
49.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
50.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
51.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
52.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
53.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
54.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
79.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
80.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
81.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
82.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
83.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
84.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
85.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
86.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
87.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
88.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
89.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
90.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
91.00000	92.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				92.00000	92.00000	68.24000	0.0	0.0	0.0
				93.00000	92.00000	68.24000	0.0	0.0	0.0
				94.00000	92.00000	68.24000	0.0	0.0	0.0
				95.00000	92.00000	68.24000	0.0	0.0	0.0
				96.00000	92.00000	68.24000	0.0	0.0	0.0
				97.00000	92.00000	68.24000	0.0	0.0	0.0
				98.00000	92.00000	68.24000	0.0	0.0	0.0
				99.00000	92.00000	68.24000	0.0	0.0	0.0
				100.00000	92.00000	68.24000	0.0	0.0	0.0
				0.00000	93.00000	68.24000	0.0	0.0	0.0
				1.00000	93.00000	68.24000	0.0	0.0	0.0
				2.00000	93.00000	68.24000	0.0	0.0	0.0
				3.00000	93.00000	68.24000	0.0	0.0	0.0
				4.00000	93.00000	68.24000	0.0	0.0	0.0
				5.00000	93.00000	68.24000	0.0	0.0	0.0
				6.00000	93.00000	68.24000	0.0	0.0	0.0
				7.00000	93.00000	68.24000	0.0	0.0	0.0
				8.00000	93.00000	68.24000	0.0	0.0	0.0
				9.00000	93.00000	68.24000	0.0	0.0	0.0
				10.00000	93.00000	68.24000	0.0	0.0	0.0
				11.00000	93.00000	68.24000	0.0	0.0	0.0
				12.00000	93.00000	68.24000	0.0	0.0	0.0
				13.00000	93.00000	68.24000	0.0	0.0	0.0
				14.00000	93.00000	68.24000	0.0	0.0	0.0
				15.00000	93.00000	68.24000	0.0	0.0	0.0
				16.00000	93.00000	68.24000	0.0	0.0	0.0
				17.00000	93.00000	68.24000	0.0	0.0	0.0
				18.00000	93.00000	68.24000	0.0	0.0	0.0
				19.00000	93.00000	68.24000	0.0	0.0	0.0
				20.00000	93.00000	68.24000	0.0	0.0	0.0
				21.00000	93.00000	68.24000	0.0	0.0	0.0
				22.00000	93.00000	68.24000	0.0	0.0	0.0
				23.00000	93.00000	68.24000	0.0	0.0	0.0
				24.00000	93.00000	68.24000	0.0	0.0	0.0
				25.00000	93.00000	68.24000	0.0	0.0	0.0
				26.00000	93.00000	68.24000	0.0	0.0	0.0
				27.00000	93.00000	68.24000	0.0	0.0	0.0
				28.00000	93.00000	68.24000	0.0	0.0	0.0
				29.00000	93.00000	68.24000	0.0	0.0	0.0
				30.00000	93.00000	68.24000	0.0	0.0	0.0
				31.00000	93.00000	68.24000	0.0	0.0	0.0
				32.00000	93.00000	68.24000	0.0	0.0	0.0
				33.00000	93.00000	68.24000	0.0	0.0	0.0
				34.00000	93.00000	68.24000	0.0	0.0	0.0
				35.00000	93.00000	68.24000	0.0	0.0	0.0
				36.00000	93.00000	68.24000	0.0	0.0	0.0
				37.00000	93.00000	68.24000	0.0	0.0	0.0
				38.00000	93.00000	68.24000	0.0	0.0	0.0
				39.00000	93.00000	68.24000	0.0	0.0	0.0
				40.00000	93.00000	68.24000	0.0	0.0	0.0
				41.00000	93.00000	68.24000	0.0	0.0	0.0
				42.00000	93.00000	68.24000	0.0	0.0	0.0
				43.00000	93.00000	68.24000	0.0	0.0	0.0
				44.00000	93.00000	68.24000	0.0	0.0	0.0
				45.00000	93.00000	68.24000	0.0	0.0	0.0
				46.00000	93.00000	68.24000	0.0	0.0	0.0
				47.00000	93.00000	68.24000	0.0	0.0	0.0
				48.00000	93.00000	68.24000	0.0	0.0	0.0
				49.00000	93.00000	68.24000	0.0	0.0	0.0
				50.00000	93.00000	68.24000	0.0	0.0	0.0
				51.00000	93.00000	68.24000	0.0	0.0	0.0
				52.00000	93.00000	68.24000	0.0	0.0	0.0
				53.00000	93.00000	68.24000	0.0	0.0	0.0
				54.00000	93.00000	68.24000	0.0	0.0	0.0
				55.00000	93.00000	68.24000	0.0	0.0	0.0
				56.00000	93.00000	68.24000	0.0	0.0	0.0
				57.00000	93.00000	68.24000	0.0	0.0	0.0
				58.00000	93.00000	68.24000	0.0	0.0	0.0
				59.00000	93.00000	68.24000	0.0	0.0	0.0
				60.00000	93.00000	68.24000	0.0	0.0	0.0
				61.00000	93.00000	68.24000	0.0	0.0	0.0
				62.00000	93.00000	68.24000	0.0	0.0	0.0
				63.00000	93.00000	68.24000	0.0	0.0	0.0
				64.00000	93.00000	68.24000	0.0	0.0	0.0
				65.00000	93.00000	68.24000	0.0	0.0	0.0
				66.00000	93.00000	68.24000	0.0	0.0	0.0
				67.00000	93.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No. Sheet No. Rev.

Drg. Ref.

Made by Date 30-Sep-2024 Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
68.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
69.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
70.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
71.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
72.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
73.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
74.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
75.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
76.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
77.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
78.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
79.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
80.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
81.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
82.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
83.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
84.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
85.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
86.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
87.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
88.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
89.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
90.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
91.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
92.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
93.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
94.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
95.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
96.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
97.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
98.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
99.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
100.00000		93.00000		68.24000	93.00000	68.24000	0.0	0.0	0.0
0.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
1.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
2.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
3.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
4.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
5.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
6.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
7.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
8.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
9.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
10.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
11.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
12.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
13.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
14.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
15.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
16.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
17.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
18.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
19.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
20.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
21.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
22.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
23.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
24.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
25.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
26.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
27.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
28.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
29.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
30.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
31.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
32.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
33.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
34.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
35.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
36.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
37.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
38.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
39.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
40.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
41.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
42.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0
43.00000		94.00000		68.24000	94.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				44.00000	94.00000	68.24000	0.0	0.0	0.0
				45.00000	94.00000	68.24000	0.0	0.0	0.0
				46.00000	94.00000	68.24000	0.0	0.0	0.0
				47.00000	94.00000	68.24000	0.0	0.0	0.0
				48.00000	94.00000	68.24000	0.0	0.0	0.0
				49.00000	94.00000	68.24000	0.0	0.0	0.0
				50.00000	94.00000	68.24000	0.0	0.0	0.0
				51.00000	94.00000	68.24000	0.0	0.0	0.0
				52.00000	94.00000	68.24000	0.0	0.0	0.0
				53.00000	94.00000	68.24000	0.0	0.0	0.0
				54.00000	94.00000	68.24000	0.0	0.0	0.0
				55.00000	94.00000	68.24000	0.0	0.0	0.0
				56.00000	94.00000	68.24000	0.0	0.0	0.0
				57.00000	94.00000	68.24000	0.0	0.0	0.0
				58.00000	94.00000	68.24000	0.0	0.0	0.0
				59.00000	94.00000	68.24000	0.0	0.0	0.0
				60.00000	94.00000	68.24000	0.0	0.0	0.0
				61.00000	94.00000	68.24000	0.0	0.0	0.0
				62.00000	94.00000	68.24000	0.0	0.0	0.0
				63.00000	94.00000	68.24000	0.0	0.0	0.0
				64.00000	94.00000	68.24000	0.0	0.0	0.0
				65.00000	94.00000	68.24000	0.0	0.0	0.0
				66.00000	94.00000	68.24000	0.0	0.0	0.0
				67.00000	94.00000	68.24000	0.0	0.0	0.0
				68.00000	94.00000	68.24000	0.0	0.0	0.0
				69.00000	94.00000	68.24000	0.0	0.0	0.0
				70.00000	94.00000	68.24000	0.0	0.0	0.0
				71.00000	94.00000	68.24000	0.0	0.0	0.0
				72.00000	94.00000	68.24000	0.0	0.0	0.0
				73.00000	94.00000	68.24000	0.0	0.0	0.0
				74.00000	94.00000	68.24000	0.0	0.0	0.0
				75.00000	94.00000	68.24000	0.0	0.0	0.0
				76.00000	94.00000	68.24000	0.0	0.0	0.0
				77.00000	94.00000	68.24000	0.0	0.0	0.0
				78.00000	94.00000	68.24000	0.0	0.0	0.0
				79.00000	94.00000	68.24000	0.0	0.0	0.0
				80.00000	94.00000	68.24000	0.0	0.0	0.0
				81.00000	94.00000	68.24000	0.0	0.0	0.0
				82.00000	94.00000	68.24000	0.0	0.0	0.0
				83.00000	94.00000	68.24000	0.0	0.0	0.0
				84.00000	94.00000	68.24000	0.0	0.0	0.0
				85.00000	94.00000	68.24000	0.0	0.0	0.0
				86.00000	94.00000	68.24000	0.0	0.0	0.0
				87.00000	94.00000	68.24000	0.0	0.0	0.0
				88.00000	94.00000	68.24000	0.0	0.0	0.0
				89.00000	94.00000	68.24000	0.0	0.0	0.0
				90.00000	94.00000	68.24000	0.0	0.0	0.0
				91.00000	94.00000	68.24000	0.0	0.0	0.0
				92.00000	94.00000	68.24000	0.0	0.0	0.0
				93.00000	94.00000	68.24000	0.0	0.0	0.0
				94.00000	94.00000	68.24000	0.0	0.0	0.0
				95.00000	94.00000	68.24000	0.0	0.0	0.0
				96.00000	94.00000	68.24000	0.0	0.0	0.0
				97.00000	94.00000	68.24000	0.0	0.0	0.0
				98.00000	94.00000	68.24000	0.0	0.0	0.0
				99.00000	94.00000	68.24000	0.0	0.0	0.0
				100.00000	94.00000	68.24000	0.0	0.0	0.0
				0.00000	95.00000	68.24000	0.0	0.0	0.0
				1.00000	95.00000	68.24000	0.0	0.0	0.0
				2.00000	95.00000	68.24000	0.0	0.0	0.0
				3.00000	95.00000	68.24000	0.0	0.0	0.0
				4.00000	95.00000	68.24000	0.0	0.0	0.0
				5.00000	95.00000	68.24000	0.0	0.0	0.0
				6.00000	95.00000	68.24000	0.0	0.0	0.0
				7.00000	95.00000	68.24000	0.0	0.0	0.0
				8.00000	95.00000	68.24000	0.0	0.0	0.0
				9.00000	95.00000	68.24000	0.0	0.0	0.0
				10.00000	95.00000	68.24000	0.0	0.0	0.0
				11.00000	95.00000	68.24000	0.0	0.0	0.0
				12.00000	95.00000	68.24000	0.0	0.0	0.0
				13.00000	95.00000	68.24000	0.0	0.0	0.0
				14.00000	95.00000	68.24000	0.0	0.0	0.0
				15.00000	95.00000	68.24000	0.0	0.0	0.0
				16.00000	95.00000	68.24000	0.0	0.0	0.0
				17.00000	95.00000	68.24000	0.0	0.0	0.0
				18.00000	95.00000	68.24000	0.0	0.0	0.0
				19.00000	95.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
20.00000	95.00000	68.24000		20.00000	95.00000	68.24000	0.0	0.0	0.0
21.00000	95.00000	68.24000		21.00000	95.00000	68.24000	0.0	0.0	0.0
22.00000	95.00000	68.24000		22.00000	95.00000	68.24000	0.0	0.0	0.0
23.00000	95.00000	68.24000		23.00000	95.00000	68.24000	0.0	0.0	0.0
24.00000	95.00000	68.24000		24.00000	95.00000	68.24000	0.0	0.0	0.0
25.00000	95.00000	68.24000		25.00000	95.00000	68.24000	0.0	0.0	0.0
26.00000	95.00000	68.24000		26.00000	95.00000	68.24000	0.0	0.0	0.0
27.00000	95.00000	68.24000		27.00000	95.00000	68.24000	0.0	0.0	0.0
28.00000	95.00000	68.24000		28.00000	95.00000	68.24000	0.0	0.0	0.0
29.00000	95.00000	68.24000		29.00000	95.00000	68.24000	0.0	0.0	0.0
30.00000	95.00000	68.24000		30.00000	95.00000	68.24000	0.0	0.0	0.0
31.00000	95.00000	68.24000		31.00000	95.00000	68.24000	0.0	0.0	0.0
32.00000	95.00000	68.24000		32.00000	95.00000	68.24000	0.0	0.0	0.0
33.00000	95.00000	68.24000		33.00000	95.00000	68.24000	0.0	0.0	0.0
34.00000	95.00000	68.24000		34.00000	95.00000	68.24000	0.0	0.0	0.0
35.00000	95.00000	68.24000		35.00000	95.00000	68.24000	0.0	0.0	0.0
36.00000	95.00000	68.24000		36.00000	95.00000	68.24000	0.0	0.0	0.0
37.00000	95.00000	68.24000		37.00000	95.00000	68.24000	0.0	0.0	0.0
38.00000	95.00000	68.24000		38.00000	95.00000	68.24000	0.0	0.0	0.0
39.00000	95.00000	68.24000		39.00000	95.00000	68.24000	0.0	0.0	0.0
40.00000	95.00000	68.24000		40.00000	95.00000	68.24000	0.0	0.0	0.0
41.00000	95.00000	68.24000		41.00000	95.00000	68.24000	0.0	0.0	0.0
42.00000	95.00000	68.24000		42.00000	95.00000	68.24000	0.0	0.0	0.0
43.00000	95.00000	68.24000		43.00000	95.00000	68.24000	0.0	0.0	0.0
44.00000	95.00000	68.24000		44.00000	95.00000	68.24000	0.0	0.0	0.0
45.00000	95.00000	68.24000		45.00000	95.00000	68.24000	0.0	0.0	0.0
46.00000	95.00000	68.24000		46.00000	95.00000	68.24000	0.0	0.0	0.0
47.00000	95.00000	68.24000		47.00000	95.00000	68.24000	0.0	0.0	0.0
48.00000	95.00000	68.24000		48.00000	95.00000	68.24000	0.0	0.0	0.0
49.00000	95.00000	68.24000		49.00000	95.00000	68.24000	0.0	0.0	0.0
50.00000	95.00000	68.24000		50.00000	95.00000	68.24000	0.0	0.0	0.0
51.00000	95.00000	68.24000		51.00000	95.00000	68.24000	0.0	0.0	0.0
52.00000	95.00000	68.24000		52.00000	95.00000	68.24000	0.0	0.0	0.0
53.00000	95.00000	68.24000		53.00000	95.00000	68.24000	0.0	0.0	0.0
54.00000	95.00000	68.24000		54.00000	95.00000	68.24000	0.0	0.0	0.0
55.00000	95.00000	68.24000		55.00000	95.00000	68.24000	0.0	0.0	0.0
56.00000	95.00000	68.24000		56.00000	95.00000	68.24000	0.0	0.0	0.0
57.00000	95.00000	68.24000		57.00000	95.00000	68.24000	0.0	0.0	0.0
58.00000	95.00000	68.24000		58.00000	95.00000	68.24000	0.0	0.0	0.0
59.00000	95.00000	68.24000		59.00000	95.00000	68.24000	0.0	0.0	0.0
60.00000	95.00000	68.24000		60.00000	95.00000	68.24000	0.0	0.0	0.0
61.00000	95.00000	68.24000		61.00000	95.00000	68.24000	0.0	0.0	0.0
62.00000	95.00000	68.24000		62.00000	95.00000	68.24000	0.0	0.0	0.0
63.00000	95.00000	68.24000		63.00000	95.00000	68.24000	0.0	0.0	0.0
64.00000	95.00000	68.24000		64.00000	95.00000	68.24000	0.0	0.0	0.0
65.00000	95.00000	68.24000		65.00000	95.00000	68.24000	0.0	0.0	0.0
66.00000	95.00000	68.24000		66.00000	95.00000	68.24000	0.0	0.0	0.0
67.00000	95.00000	68.24000		67.00000	95.00000	68.24000	0.0	0.0	0.0
68.00000	95.00000	68.24000		68.00000	95.00000	68.24000	0.0	0.0	0.0
69.00000	95.00000	68.24000		69.00000	95.00000	68.24000	0.0	0.0	0.0
70.00000	95.00000	68.24000		70.00000	95.00000	68.24000	0.0	0.0	0.0
71.00000	95.00000	68.24000		71.00000	95.00000	68.24000	0.0	0.0	0.0
72.00000	95.00000	68.24000		72.00000	95.00000	68.24000	0.0	0.0	0.0
73.00000	95.00000	68.24000		73.00000	95.00000	68.24000	0.0	0.0	0.0
74.00000	95.00000	68.24000		74.00000	95.00000	68.24000	0.0	0.0	0.0
75.00000	95.00000	68.24000		75.00000	95.00000	68.24000	0.0	0.0	0.0
76.00000	95.00000	68.24000		76.00000	95.00000	68.24000	0.0	0.0	0.0
77.00000	95.00000	68.24000		77.00000	95.00000	68.24000	0.0	0.0	0.0
78.00000	95.00000	68.24000		78.00000	95.00000	68.24000	0.0	0.0	0.0
79.00000	95.00000	68.24000		79.00000	95.00000	68.24000	0.0	0.0	0.0
80.00000	95.00000	68.24000		80.00000	95.00000	68.24000	0.0	0.0	0.0
81.00000	95.00000	68.24000		81.00000	95.00000	68.24000	0.0	0.0	0.0
82.00000	95.00000	68.24000		82.00000	95.00000	68.24000	0.0	0.0	0.0
83.00000	95.00000	68.24000		83.00000	95.00000	68.24000	0.0	0.0	0.0
84.00000	95.00000	68.24000		84.00000	95.00000	68.24000	0.0	0.0	0.0
85.00000	95.00000	68.24000		85.00000	95.00000	68.24000	0.0	0.0	0.0
86.00000	95.00000	68.24000		86.00000	95.00000	68.24000	0.0	0.0	0.0
87.00000	95.00000	68.24000		87.00000	95.00000	68.24000	0.0	0.0	0.0
88.00000	95.00000	68.24000		88.00000	95.00000	68.24000	0.0	0.0	0.0
89.00000	95.00000	68.24000		89.00000	95.00000	68.24000	0.0	0.0	0.0
90.00000	95.00000	68.24000		90.00000	95.00000	68.24000	0.0	0.0	0.0
91.00000	95.00000	68.24000		91.00000	95.00000	68.24000	0.0	0.0	0.0
92.00000	95.00000	68.24000		92.00000	95.00000	68.24000	0.0	0.0	0.0
93.00000	95.00000	68.24000		93.00000	95.00000	68.24000	0.0	0.0	0.0
94.00000	95.00000	68.24000		94.00000	95.00000	68.24000	0.0	0.0	0.0
95.00000	95.00000	68.24000		95.00000	95.00000	68.24000	0.0	0.0	0.0
96.00000	95.00000	68.24000		96.00000	95.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
97.00000				95.00000	68.24000	0.0	0.0	0.0	0.0
98.00000				95.00000	68.24000	0.0	0.0	0.0	0.0
99.00000				95.00000	68.24000	0.0	0.0	0.0	0.0
100.00000				95.00000	68.24000	0.0	0.0	0.0	0.0
0.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
1.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
2.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
3.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
4.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
5.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
6.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
7.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
8.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
9.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
10.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
11.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
12.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
13.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
14.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
15.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
16.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
17.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
18.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
19.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
20.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
21.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
22.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
23.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
24.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
25.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
26.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
27.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
28.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
29.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
30.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
31.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
32.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
33.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
34.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
35.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
36.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
37.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
38.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
39.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
40.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
41.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
42.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
43.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
44.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
45.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
46.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
47.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
48.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
49.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
50.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
51.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
52.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
53.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
54.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
55.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
56.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
57.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
58.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
59.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
60.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
61.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
62.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
63.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
64.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
65.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
66.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
67.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
68.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
69.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
70.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
71.00000				96.00000	68.24000	0.0	0.0	0.0	0.0
72.00000				96.00000	68.24000	0.0	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				73.00000	96.00000	68.24000	0.0	0.0	0.0
				74.00000	96.00000	68.24000	0.0	0.0	0.0
				75.00000	96.00000	68.24000	0.0	0.0	0.0
				76.00000	96.00000	68.24000	0.0	0.0	0.0
				77.00000	96.00000	68.24000	0.0	0.0	0.0
				78.00000	96.00000	68.24000	0.0	0.0	0.0
				79.00000	96.00000	68.24000	0.0	0.0	0.0
				80.00000	96.00000	68.24000	0.0	0.0	0.0
				81.00000	96.00000	68.24000	0.0	0.0	0.0
				82.00000	96.00000	68.24000	0.0	0.0	0.0
				83.00000	96.00000	68.24000	0.0	0.0	0.0
				84.00000	96.00000	68.24000	0.0	0.0	0.0
				85.00000	96.00000	68.24000	0.0	0.0	0.0
				86.00000	96.00000	68.24000	0.0	0.0	0.0
				87.00000	96.00000	68.24000	0.0	0.0	0.0
				88.00000	96.00000	68.24000	0.0	0.0	0.0
				89.00000	96.00000	68.24000	0.0	0.0	0.0
				90.00000	96.00000	68.24000	0.0	0.0	0.0
				91.00000	96.00000	68.24000	0.0	0.0	0.0
				92.00000	96.00000	68.24000	0.0	0.0	0.0
				93.00000	96.00000	68.24000	0.0	0.0	0.0
				94.00000	96.00000	68.24000	0.0	0.0	0.0
				95.00000	96.00000	68.24000	0.0	0.0	0.0
				96.00000	96.00000	68.24000	0.0	0.0	0.0
				97.00000	96.00000	68.24000	0.0	0.0	0.0
				98.00000	96.00000	68.24000	0.0	0.0	0.0
				99.00000	96.00000	68.24000	0.0	0.0	0.0
				100.00000	96.00000	68.24000	0.0	0.0	0.0
				0.00000	97.00000	68.24000	0.0	0.0	0.0
				1.00000	97.00000	68.24000	0.0	0.0	0.0
				2.00000	97.00000	68.24000	0.0	0.0	0.0
				3.00000	97.00000	68.24000	0.0	0.0	0.0
				4.00000	97.00000	68.24000	0.0	0.0	0.0
				5.00000	97.00000	68.24000	0.0	0.0	0.0
				6.00000	97.00000	68.24000	0.0	0.0	0.0
				7.00000	97.00000	68.24000	0.0	0.0	0.0
				8.00000	97.00000	68.24000	0.0	0.0	0.0
				9.00000	97.00000	68.24000	0.0	0.0	0.0
				10.00000	97.00000	68.24000	0.0	0.0	0.0
				11.00000	97.00000	68.24000	0.0	0.0	0.0
				12.00000	97.00000	68.24000	0.0	0.0	0.0
				13.00000	97.00000	68.24000	0.0	0.0	0.0
				14.00000	97.00000	68.24000	0.0	0.0	0.0
				15.00000	97.00000	68.24000	0.0	0.0	0.0
				16.00000	97.00000	68.24000	0.0	0.0	0.0
				17.00000	97.00000	68.24000	0.0	0.0	0.0
				18.00000	97.00000	68.24000	0.0	0.0	0.0
				19.00000	97.00000	68.24000	0.0	0.0	0.0
				20.00000	97.00000	68.24000	0.0	0.0	0.0
				21.00000	97.00000	68.24000	0.0	0.0	0.0
				22.00000	97.00000	68.24000	0.0	0.0	0.0
				23.00000	97.00000	68.24000	0.0	0.0	0.0
				24.00000	97.00000	68.24000	0.0	0.0	0.0
				25.00000	97.00000	68.24000	0.0	0.0	0.0
				26.00000	97.00000	68.24000	0.0	0.0	0.0
				27.00000	97.00000	68.24000	0.0	0.0	0.0
				28.00000	97.00000	68.24000	0.0	0.0	0.0
				29.00000	97.00000	68.24000	0.0	0.0	0.0
				30.00000	97.00000	68.24000	0.0	0.0	0.0
				31.00000	97.00000	68.24000	0.0	0.0	0.0
				32.00000	97.00000	68.24000	0.0	0.0	0.0
				33.00000	97.00000	68.24000	0.0	0.0	0.0
				34.00000	97.00000	68.24000	0.0	0.0	0.0
				35.00000	97.00000	68.24000	0.0	0.0	0.0
				36.00000	97.00000	68.24000	0.0	0.0	0.0
				37.00000	97.00000	68.24000	0.0	0.0	0.0
				38.00000	97.00000	68.24000	0.0	0.0	0.0
				39.00000	97.00000	68.24000	0.0	0.0	0.0
				40.00000	97.00000	68.24000	0.0	0.0	0.0
				41.00000	97.00000	68.24000	0.0	0.0	0.0
				42.00000	97.00000	68.24000	0.0	0.0	0.0
				43.00000	97.00000	68.24000	0.0	0.0	0.0
				44.00000	97.00000	68.24000	0.0	0.0	0.0
				45.00000	97.00000	68.24000	0.0	0.0	0.0
				46.00000	97.00000	68.24000	0.0	0.0	0.0
				47.00000	97.00000	68.24000	0.0	0.0	0.0
				48.00000	97.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
49.00000		97.00000		68.24000			0.0	0.0	0.0
50.00000		97.00000		68.24000			0.0	0.0	0.0
51.00000		97.00000		68.24000			0.0	0.0	0.0
52.00000		97.00000		68.24000			0.0	0.0	0.0
53.00000		97.00000		68.24000			0.0	0.0	0.0
54.00000		97.00000		68.24000			0.0	0.0	0.0
55.00000		97.00000		68.24000			0.0	0.0	0.0
56.00000		97.00000		68.24000			0.0	0.0	0.0
57.00000		97.00000		68.24000			0.0	0.0	0.0
58.00000		97.00000		68.24000			0.0	0.0	0.0
59.00000		97.00000		68.24000			0.0	0.0	0.0
60.00000		97.00000		68.24000			0.0	0.0	0.0
61.00000		97.00000		68.24000			0.0	0.0	0.0
62.00000		97.00000		68.24000			0.0	0.0	0.0
63.00000		97.00000		68.24000			0.0	0.0	0.0
64.00000		97.00000		68.24000			0.0	0.0	0.0
65.00000		97.00000		68.24000			0.0	0.0	0.0
66.00000		97.00000		68.24000			0.0	0.0	0.0
67.00000		97.00000		68.24000			0.0	0.0	0.0
68.00000		97.00000		68.24000			0.0	0.0	0.0
69.00000		97.00000		68.24000			0.0	0.0	0.0
70.00000		97.00000		68.24000			0.0	0.0	0.0
71.00000		97.00000		68.24000			0.0	0.0	0.0
72.00000		97.00000		68.24000			0.0	0.0	0.0
73.00000		97.00000		68.24000			0.0	0.0	0.0
74.00000		97.00000		68.24000			0.0	0.0	0.0
75.00000		97.00000		68.24000			0.0	0.0	0.0
76.00000		97.00000		68.24000			0.0	0.0	0.0
77.00000		97.00000		68.24000			0.0	0.0	0.0
78.00000		97.00000		68.24000			0.0	0.0	0.0
79.00000		97.00000		68.24000			0.0	0.0	0.0
80.00000		97.00000		68.24000			0.0	0.0	0.0
81.00000		97.00000		68.24000			0.0	0.0	0.0
82.00000		97.00000		68.24000			0.0	0.0	0.0
83.00000		97.00000		68.24000			0.0	0.0	0.0
84.00000		97.00000		68.24000			0.0	0.0	0.0
85.00000		97.00000		68.24000			0.0	0.0	0.0
86.00000		97.00000		68.24000			0.0	0.0	0.0
87.00000		97.00000		68.24000			0.0	0.0	0.0
88.00000		97.00000		68.24000			0.0	0.0	0.0
89.00000		97.00000		68.24000			0.0	0.0	0.0
90.00000		97.00000		68.24000			0.0	0.0	0.0
91.00000		97.00000		68.24000			0.0	0.0	0.0
92.00000		97.00000		68.24000			0.0	0.0	0.0
93.00000		97.00000		68.24000			0.0	0.0	0.0
94.00000		97.00000		68.24000			0.0	0.0	0.0
95.00000		97.00000		68.24000			0.0	0.0	0.0
96.00000		97.00000		68.24000			0.0	0.0	0.0
97.00000		97.00000		68.24000			0.0	0.0	0.0
98.00000		97.00000		68.24000			0.0	0.0	0.0
99.00000		97.00000		68.24000			0.0	0.0	0.0
100.00000		97.00000		68.24000			0.0	0.0	0.0
0.00000		98.00000		68.24000			0.0	0.0	0.0
1.00000		98.00000		68.24000			0.0	0.0	0.0
2.00000		98.00000		68.24000			0.0	0.0	0.0
3.00000		98.00000		68.24000			0.0	0.0	0.0
4.00000		98.00000		68.24000			0.0	0.0	0.0
5.00000		98.00000		68.24000			0.0	0.0	0.0
6.00000		98.00000		68.24000			0.0	0.0	0.0
7.00000		98.00000		68.24000			0.0	0.0	0.0
8.00000		98.00000		68.24000			0.0	0.0	0.0
9.00000		98.00000		68.24000			0.0	0.0	0.0
10.00000		98.00000		68.24000			0.0	0.0	0.0
11.00000		98.00000		68.24000			0.0	0.0	0.0
12.00000		98.00000		68.24000			0.0	0.0	0.0
13.00000		98.00000		68.24000			0.0	0.0	0.0
14.00000		98.00000		68.24000			0.0	0.0	0.0
15.00000		98.00000		68.24000			0.0	0.0	0.0
16.00000		98.00000		68.24000			0.0	0.0	0.0
17.00000		98.00000		68.24000			0.0	0.0	0.0
18.00000		98.00000		68.24000			0.0	0.0	0.0
19.00000		98.00000		68.24000			0.0	0.0	0.0
20.00000		98.00000		68.24000			0.0	0.0	0.0
21.00000		98.00000		68.24000			0.0	0.0	0.0
22.00000		98.00000		68.24000			0.0	0.0	0.0
23.00000		98.00000		68.24000			0.0	0.0	0.0
24.00000		98.00000		68.24000			0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

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

14a Keats Grove
 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				25.00000	98.00000	68.24000	0.0	0.0	0.0
				26.00000	98.00000	68.24000	0.0	0.0	0.0
				27.00000	98.00000	68.24000	0.0	0.0	0.0
				28.00000	98.00000	68.24000	0.0	0.0	0.0
				29.00000	98.00000	68.24000	0.0	0.0	0.0
				30.00000	98.00000	68.24000	0.0	0.0	0.0
				31.00000	98.00000	68.24000	0.0	0.0	0.0
				32.00000	98.00000	68.24000	0.0	0.0	0.0
				33.00000	98.00000	68.24000	0.0	0.0	0.0
				34.00000	98.00000	68.24000	0.0	0.0	0.0
				35.00000	98.00000	68.24000	0.0	0.0	0.0
				36.00000	98.00000	68.24000	0.0	0.0	0.0
				37.00000	98.00000	68.24000	0.0	0.0	0.0
				38.00000	98.00000	68.24000	0.0	0.0	0.0
				39.00000	98.00000	68.24000	0.0	0.0	0.0
				40.00000	98.00000	68.24000	0.0	0.0	0.0
				41.00000	98.00000	68.24000	0.0	0.0	0.0
				42.00000	98.00000	68.24000	0.0	0.0	0.0
				43.00000	98.00000	68.24000	0.0	0.0	0.0
				44.00000	98.00000	68.24000	0.0	0.0	0.0
				45.00000	98.00000	68.24000	0.0	0.0	0.0
				46.00000	98.00000	68.24000	0.0	0.0	0.0
				47.00000	98.00000	68.24000	0.0	0.0	0.0
				48.00000	98.00000	68.24000	0.0	0.0	0.0
				49.00000	98.00000	68.24000	0.0	0.0	0.0
				50.00000	98.00000	68.24000	0.0	0.0	0.0
				51.00000	98.00000	68.24000	0.0	0.0	0.0
				52.00000	98.00000	68.24000	0.0	0.0	0.0
				53.00000	98.00000	68.24000	0.0	0.0	0.0
				54.00000	98.00000	68.24000	0.0	0.0	0.0
				55.00000	98.00000	68.24000	0.0	0.0	0.0
				56.00000	98.00000	68.24000	0.0	0.0	0.0
				57.00000	98.00000	68.24000	0.0	0.0	0.0
				58.00000	98.00000	68.24000	0.0	0.0	0.0
				59.00000	98.00000	68.24000	0.0	0.0	0.0
				60.00000	98.00000	68.24000	0.0	0.0	0.0
				61.00000	98.00000	68.24000	0.0	0.0	0.0
				62.00000	98.00000	68.24000	0.0	0.0	0.0
				63.00000	98.00000	68.24000	0.0	0.0	0.0
				64.00000	98.00000	68.24000	0.0	0.0	0.0
				65.00000	98.00000	68.24000	0.0	0.0	0.0
				66.00000	98.00000	68.24000	0.0	0.0	0.0
				67.00000	98.00000	68.24000	0.0	0.0	0.0
				68.00000	98.00000	68.24000	0.0	0.0	0.0
				69.00000	98.00000	68.24000	0.0	0.0	0.0
				70.00000	98.00000	68.24000	0.0	0.0	0.0
				71.00000	98.00000	68.24000	0.0	0.0	0.0
				72.00000	98.00000	68.24000	0.0	0.0	0.0
				73.00000	98.00000	68.24000	0.0	0.0	0.0
				74.00000	98.00000	68.24000	0.0	0.0	0.0
				75.00000	98.00000	68.24000	0.0	0.0	0.0
				76.00000	98.00000	68.24000	0.0	0.0	0.0
				77.00000	98.00000	68.24000	0.0	0.0	0.0
				78.00000	98.00000	68.24000	0.0	0.0	0.0
				79.00000	98.00000	68.24000	0.0	0.0	0.0
				80.00000	98.00000	68.24000	0.0	0.0	0.0
				81.00000	98.00000	68.24000	0.0	0.0	0.0
				82.00000	98.00000	68.24000	0.0	0.0	0.0
				83.00000	98.00000	68.24000	0.0	0.0	0.0
				84.00000	98.00000	68.24000	0.0	0.0	0.0
				85.00000	98.00000	68.24000	0.0	0.0	0.0
				86.00000	98.00000	68.24000	0.0	0.0	0.0
				87.00000	98.00000	68.24000	0.0	0.0	0.0
				88.00000	98.00000	68.24000	0.0	0.0	0.0
				89.00000	98.00000	68.24000	0.0	0.0	0.0
				90.00000	98.00000	68.24000	0.0	0.0	0.0
				91.00000	98.00000	68.24000	0.0	0.0	0.0
				92.00000	98.00000	68.24000	0.0	0.0	0.0
				93.00000	98.00000	68.24000	0.0	0.0	0.0
				94.00000	98.00000	68.24000	0.0	0.0	0.0
				95.00000	98.00000	68.24000	0.0	0.0	0.0
				96.00000	98.00000	68.24000	0.0	0.0	0.0
				97.00000	98.00000	68.24000	0.0	0.0	0.0
				98.00000	98.00000	68.24000	0.0	0.0	0.0
				99.00000	98.00000	68.24000	0.0	0.0	0.0
				100.00000	98.00000	68.24000	0.0	0.0	0.0
				0.00000	99.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
Drg. Ref.		
Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
2.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
3.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
4.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
5.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
6.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
7.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
8.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
9.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
10.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
11.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
12.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
13.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
14.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
15.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
16.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
17.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
18.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
19.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
20.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
21.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
22.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
23.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
24.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
25.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
26.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
27.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
28.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
29.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
30.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
31.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
32.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
33.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
34.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
35.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
36.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
37.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
38.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
39.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
40.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
41.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
42.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
43.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
44.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
45.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
46.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
47.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
48.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
49.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
50.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
51.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
52.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
53.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
54.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
55.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
56.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
57.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
58.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
59.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
60.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
61.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
62.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
63.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
64.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
65.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
66.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
67.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
68.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
69.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
70.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
71.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
72.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
73.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
74.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
75.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
76.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0
77.00000	99.00000	68.24000		0.00000	99.00000	68.24000	0.0	0.0	0.0



GEOTECHNICAL AND ENVIRONMENTAL ASSOCIATES LTD

Job No.	Sheet No.	Rev.
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Made by	Date 30-Sep-2024	Checked Date

14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				78.00000	99.00000	68.24000	0.0	0.0	0.0
				79.00000	99.00000	68.24000	0.0	0.0	0.0
				80.00000	99.00000	68.24000	0.0	0.0	0.0
				81.00000	99.00000	68.24000	0.0	0.0	0.0
				82.00000	99.00000	68.24000	0.0	0.0	0.0
				83.00000	99.00000	68.24000	0.0	0.0	0.0
				84.00000	99.00000	68.24000	0.0	0.0	0.0
				85.00000	99.00000	68.24000	0.0	0.0	0.0
				86.00000	99.00000	68.24000	0.0	0.0	0.0
				87.00000	99.00000	68.24000	0.0	0.0	0.0
				88.00000	99.00000	68.24000	0.0	0.0	0.0
				89.00000	99.00000	68.24000	0.0	0.0	0.0
				90.00000	99.00000	68.24000	0.0	0.0	0.0
				91.00000	99.00000	68.24000	0.0	0.0	0.0
				92.00000	99.00000	68.24000	0.0	0.0	0.0
				93.00000	99.00000	68.24000	0.0	0.0	0.0
				94.00000	99.00000	68.24000	0.0	0.0	0.0
				95.00000	99.00000	68.24000	0.0	0.0	0.0
				96.00000	99.00000	68.24000	0.0	0.0	0.0
				97.00000	99.00000	68.24000	0.0	0.0	0.0
				98.00000	99.00000	68.24000	0.0	0.0	0.0
				99.00000	99.00000	68.24000	0.0	0.0	0.0
				100.00000	99.00000	68.24000	0.0	0.0	0.0
				0.00000	100.00000	68.24000	0.0	0.0	0.0
				1.00000	100.00000	68.24000	0.0	0.0	0.0
				2.00000	100.00000	68.24000	0.0	0.0	0.0
				3.00000	100.00000	68.24000	0.0	0.0	0.0
				4.00000	100.00000	68.24000	0.0	0.0	0.0
				5.00000	100.00000	68.24000	0.0	0.0	0.0
				6.00000	100.00000	68.24000	0.0	0.0	0.0
				7.00000	100.00000	68.24000	0.0	0.0	0.0
				8.00000	100.00000	68.24000	0.0	0.0	0.0
				9.00000	100.00000	68.24000	0.0	0.0	0.0
				10.00000	100.00000	68.24000	0.0	0.0	0.0
				11.00000	100.00000	68.24000	0.0	0.0	0.0
				12.00000	100.00000	68.24000	0.0	0.0	0.0
				13.00000	100.00000	68.24000	0.0	0.0	0.0
				14.00000	100.00000	68.24000	0.0	0.0	0.0
				15.00000	100.00000	68.24000	0.0	0.0	0.0
				16.00000	100.00000	68.24000	0.0	0.0	0.0
				17.00000	100.00000	68.24000	0.0	0.0	0.0
				18.00000	100.00000	68.24000	0.0	0.0	0.0
				19.00000	100.00000	68.24000	0.0	0.0	0.0
				20.00000	100.00000	68.24000	0.0	0.0	0.0
				21.00000	100.00000	68.24000	0.0	0.0	0.0
				22.00000	100.00000	68.24000	0.0	0.0	0.0
				23.00000	100.00000	68.24000	0.0	0.0	0.0
				24.00000	100.00000	68.24000	0.0	0.0	0.0
				25.00000	100.00000	68.24000	0.0	0.0	0.0
				26.00000	100.00000	68.24000	0.0	0.0	0.0
				27.00000	100.00000	68.24000	0.0	0.0	0.0
				28.00000	100.00000	68.24000	0.0	0.0	0.0
				29.00000	100.00000	68.24000	0.0	0.0	0.0
				30.00000	100.00000	68.24000	0.0	0.0	0.0
				31.00000	100.00000	68.24000	0.0	0.0	0.0
				32.00000	100.00000	68.24000	0.0	0.0	0.0
				33.00000	100.00000	68.24000	0.0	0.0	0.0
				34.00000	100.00000	68.24000	0.0	0.0	0.0
				35.00000	100.00000	68.24000	0.0	0.0	0.0
				36.00000	100.00000	68.24000	0.0	0.0	0.0
				37.00000	100.00000	68.24000	0.0	0.0	0.0
				38.00000	100.00000	68.24000	0.0	0.0	0.0
				39.00000	100.00000	68.24000	0.0	0.0	0.0
				40.00000	100.00000	68.24000	0.0	0.0	0.0
				41.00000	100.00000	68.24000	0.0	0.0	0.0
				42.00000	100.00000	68.24000	0.0	0.0	0.0
				43.00000	100.00000	68.24000	0.0	0.0	0.0
				44.00000	100.00000	68.24000	0.0	0.0	0.0
				45.00000	100.00000	68.24000	0.0	0.0	0.0
				46.00000	100.00000	68.24000	0.0	0.0	0.0
				47.00000	100.00000	68.24000	0.0	0.0	0.0
				48.00000	100.00000	68.24000	0.0	0.0	0.0
				49.00000	100.00000	68.24000	0.0	0.0	0.0
				50.00000	100.00000	68.24000	0.0	0.0	0.0
				51.00000	100.00000	68.24000	0.0	0.0	0.0
				52.00000	100.00000	68.24000	0.0	0.0	0.0
				53.00000	100.00000	68.24000	0.0	0.0	0.0



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14a Keats Grove
Re-Entrant Corner Analysis
Tabular Inputs and Outputs

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
54.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
55.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
56.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
57.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
58.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
59.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
60.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
61.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
62.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
63.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
64.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
65.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
66.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
67.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
68.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
69.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
70.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
71.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
72.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
73.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
74.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
75.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
76.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
77.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
78.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
79.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
80.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
81.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
82.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
83.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
84.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
85.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
86.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
87.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
88.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
89.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
90.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
91.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
92.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
93.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
94.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
95.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
96.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
97.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
98.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
99.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0
100.00000	100.00000	68.24000		0.0	0.0	0.0	0.0	0.0	0.0

Specific Building Damage Results - Horizontal Displacements

Stage: δy Ref.	Stage: δH// Ref.	Name Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist. [m]	x [m]	y [m]	z [m]	δx [mm]
0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	70.50000	49.40000	67.85000	0.0
0.0	0.0	0.0			0.98313	69.94444	50.21111	67.85000	0.0
0.0	0.0	0.0			1.9663	69.38889	51.02222	67.85000	-2.9555
-1.6375	0.31913	3.3637			2.9494	68.83333	51.83333	67.85000	-3.0114
-1.6685	0.32516	3.4273			3.9325	68.27778	52.64444	67.85000	-3.0673
-1.6994	0.33120	3.4910			4.9156	67.72222	53.45556	67.85000	-3.1232
-1.7304	0.33724	3.5546			5.8988	67.16667	54.26667	67.85000	-3.1791
-1.7614	0.34327	3.6182			6.8819	66.61111	55.07778	67.85000	-3.7224
-1.8801	0.55234	4.1335			7.8650	66.05556	55.88889	67.85000	-3.9191
-1.9364	0.61704	4.3276			8.8482	65.50000	56.70000	67.85000	-4.1159



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 Re-Entrant Corner Analysis
 Tabular Inputs and Outputs

Stage	Stage	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx
δy	δH//	δHperp.	Ref.	Building:	Name	Name					
-1.9928	0.68174	4.5218	2	35 Downshire Hill	35DS - Wall 2		0.0	65.60000	56.70000	67.85000	-4.0288
-1.9574	-4.4053	0.80966					0.84404	66.28000	57.20000	67.85000	-3.2600
-1.6305	-3.5923	0.61761					1.6881	66.96000	57.70000	67.85000	-2.4912
-1.3035	-2.7792	0.42556					2.5321	67.64000	58.20000	67.85000	-1.9040
-1.0549	-2.1589	0.27802					3.3762	68.32000	58.70000	67.85000	-1.6441
-0.91092	-1.8642	0.24006					4.2202	69.00000	59.20000	67.85000	-1.3842
-0.76689	-1.5694	0.20211	3	35 Downshire Hill	35DS - Wall 3		0.0	69.10000	59.20000	67.85000	-1.3570
-0.75185	-0.14652	-1.5444					0.98313	69.65556	58.38889	67.85000	-1.3282
-0.73587	-0.14341	-1.5116					1.9663	70.21111	57.57778	67.85000	-1.2993
-0.71989	-0.14030	-1.4788					2.9494	70.76667	56.76667	67.85000	-1.2705
-0.70392	-0.13718	-1.4460					3.9325	71.32222	55.95556	67.85000	-1.2417
-0.68794	-0.13407	-1.4131					4.9156	71.87778	55.14444	67.85000	-1.2128
-0.67197	-0.13096	-1.3803					5.8988	72.43333	54.33333	67.85000	-1.1840
-0.65599	-0.12784	-1.3475					6.8819	72.98889	53.52222	67.85000	-1.1552
-0.64002	-0.12473	-1.3147					7.8650	73.54444	52.71111	67.85000	-1.1263
-0.62404	-0.12162	-1.2819					8.8482	74.10000	51.90000	67.85000	0.0
0.0	0.0	0.0	4	35 Downshire Hill	35DS - Wall 4		0.0	74.00000	51.90000	67.85000	0.0
0.0	0.0	0.0					0.84404	73.32000	51.40000	67.85000	0.0
0.0	0.0	0.0					1.6881	72.64000	50.90000	67.85000	0.0
0.0	0.0	0.0					2.5321	71.96000	50.40000	67.85000	0.0
0.0	0.0	0.0					3.3762	71.28000	49.90000	67.85000	0.0
0.0	0.0	0.0					4.2202	70.60000	49.40000	67.85000	0.0
0.0	0.0	0.0	5	14 Keats Grove	14KG - Wall 1		0.0	24.30000	44.40000	66.92500	0.0
0.0	0.0	0.0					0.92500	24.30000	45.32500	66.92500	0.0
0.0	0.0	0.0					1.8500	24.30000	46.25000	66.92500	0.0
0.0	0.0	0.0					2.7750	24.30000	47.17500	66.92500	0.0
0.0	0.0	0.0					3.7000	24.30000	48.10000	66.92500	0.0
0.0	0.0	0.0					4.6250	24.30000	49.02500	66.92500	0.0
0.0	0.0	0.0					5.5500	24.30000	49.95000	66.92500	0.0
0.0	0.0	0.0					6.4750	24.30000	50.87500	66.92500	0.0
0.0	0.0	0.0					7.4000	24.30000	51.80000	66.92500	0.0
0.0	0.0	0.0	6	14 Keats Grove	14KG - Wall 2		0.0	24.40000	51.80000	66.92500	0.0
0.0	0.0	0.0					0.95000	25.35000	51.80000	66.92500	0.0
0.0	0.0	0.0					1.9000	26.30000	51.80000	66.92500	0.0
0.0	0.0	0.0					2.8500	27.25000	51.80000	66.92500	0.0
0.0	0.0	0.0					3.8000	28.20000	51.80000	66.92500	0.0
0.0	0.0	0.0					4.7500	29.15000	51.80000	66.92500	0.0
0.0	0.0	0.0					5.7000	30.10000	51.80000	66.92500	0.0



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Stage: δy Ref.	Stage: δH //	Name Specific Building: δH perp. Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	
0.0	0.0	0.0			6.6500	31.05000	51.80000	66.92500	0.0	
0.0	0.0	0.0			7.6000	32.00000	51.80000	66.92500	0.0	
0.0	0.0	0.0			8.5500	32.95000	51.80000	66.92500	0.0	
0.0	0.0	0.0			9.5000	33.90000	51.80000	66.92500	0.0	
0.0	0.0	0.0			10.450	34.85000	51.80000	66.92500	0.0	
0.0	0.0	0.0			11.400	35.80000	51.80000	66.92500	0.0	
0.0	0.0	0.0			12.350	36.75000	51.80000	66.92500	0.0	
0.0	0.0	0.0			13.300	37.70000	51.80000	66.92500	0.15214	
0.027661	0.15214	0.027661								
0.033909	-0.033909	0.18650	7	14 Keats Grove	14KG - Wall 3	0.0	37.80000	51.80000	66.92500	0.18650
0.023401	-0.023401	0.12871				0.92500	37.80000	50.87500	66.92500	0.12871
0.0	0.0	0.0			1.8500	37.80000	49.95000	66.92500	0.0	
0.0	0.0	0.0			2.7750	37.80000	49.02500	66.92500	0.0	
0.0	0.0	0.0			3.7000	37.80000	48.10000	66.92500	0.0	
0.0	0.0	0.0			4.6250	37.80000	47.17500	66.92500	0.0	
0.0	0.0	0.0			5.5500	37.80000	46.25000	66.92500	0.0	
0.0	0.0	0.0			6.4750	37.80000	45.32500	66.92500	0.0	
0.0	0.0	0.0			7.4000	37.80000	44.40000	66.92500	0.0	
0.0	0.0	0.0	8	14 Keats Grove	14KG - Wall 4	0.0	37.70000	44.40000	66.92500	0.0
0.0	0.0	0.0			0.95000	36.75000	44.40000	66.92500	0.0	
0.0	0.0	0.0			1.9000	35.80000	44.40000	66.92500	0.0	
0.0	0.0	0.0			2.8500	34.85000	44.40000	66.92500	0.0	
0.0	0.0	0.0			3.8000	33.90000	44.40000	66.92500	0.0	
0.0	0.0	0.0			4.7500	32.95000	44.40000	66.92500	0.0	
0.0	0.0	0.0			5.7000	32.00000	44.40000	66.92500	0.0	
0.0	0.0	0.0			6.6500	31.05000	44.40000	66.92500	0.0	
0.0	0.0	0.0			7.6000	30.10000	44.40000	66.92500	0.0	
0.0	0.0	0.0			8.5500	29.15000	44.40000	66.92500	0.0	
0.0	0.0	0.0			9.5000	28.20000	44.40000	66.92500	0.0	
0.0	0.0	0.0			10.450	27.25000	44.40000	66.92500	0.0	
0.0	0.0	0.0			11.400	26.30000	44.40000	66.92500	0.0	
0.0	0.0	0.0			12.350	25.35000	44.40000	66.92500	0.0	
0.0	0.0	0.0			13.300	24.40000	44.40000	66.92500	0.0	
0.0	0.0	0.0	9	14 Keats Grove	14KG - Wall 5	0.0	27.30000	51.90000	66.92500	0.0
0.0	0.0	0.0			0.95000	27.30000	52.85000	66.92500	0.0	
0.0	0.0	0.0			1.9000	27.30000	53.80000	66.92500	0.0	
0.0	0.0	0.0	10	14 Keats Grove	14KG - Wall 6	0.0	27.30000	53.90000	66.92500	0.0
0.0	0.0	0.0			0.46000	27.76000	53.90000	66.92500	0.0	
0.0	0.0	0.0			0.92000	28.22000	53.90000	66.92500	0.0	
0.0	0.0	0.0			1.3800	28.68000	53.90000	66.92500	0.0	



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Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx
δy	δH//	δHperp.	Building:	Name	Name						
Ref.	Ref.	Ref.									
0.0	0.0	0.0					1.8400	29.14000	53.90000	66.92500	0.0
0.0	0.0	0.0					2.3000	29.60000	53.90000	66.92500	0.0
0.0	0.0	0.0	11	14 Keats Grove	14KG - Wall 7		0.0	29.60000	53.80000	66.92500	0.0
0.0	0.0	0.0					0.95000	29.60000	52.85000	66.92500	0.0
0.0	0.0	0.0					1.9000	29.60000	51.90000	66.92500	0.0
0.0	0.0	0.0	12	14 Keats Grove	14KG - Wall 8		0.0	37.90000	46.60000	66.92500	0.0
0.0	0.0	0.0					1.0167	38.91667	46.60000	66.92500	0.0
0.0	0.0	0.0					2.0333	39.93333	46.60000	66.92500	0.0
0.0	0.0	0.0					3.0500	40.95000	46.60000	66.92500	0.0
0.0	0.0	0.0					4.0667	41.96667	46.60000	66.92500	0.0
0.0	0.0	0.0					5.0833	42.98333	46.60000	66.92500	0.0
0.0	0.0	0.0					6.1000	44.00000	46.60000	66.92500	0.0
0.0	0.0	0.0	13	14 Keats Grove	14KG - Wall 9		0.0	44.00000	46.50000	66.92500	0.0
0.0	0.0	0.0					1.0000	44.00000	45.50000	66.92500	0.0
0.0	0.0	0.0					2.0000	44.00000	44.50000	66.92500	0.0
0.0	0.0	0.0					3.0000	44.00000	43.50000	66.92500	0.0
0.0	0.0	0.0					4.0000	44.00000	42.50000	66.92500	0.0
0.0	0.0	0.0					5.0000	44.00000	41.50000	66.92500	0.0
0.0	0.0	0.0					6.0000	44.00000	40.50000	66.92500	0.0
0.0	0.0	0.0					7.0000	44.00000	39.50000	66.92500	0.0
0.0	0.0	0.0	14	14 Keats Grove	14KG - Wall 10		0.0	44.00000	39.40000	66.92500	0.0
0.0	0.0	0.0					1.0429	42.95714	39.40000	66.92500	0.0
0.0	0.0	0.0					2.0857	41.91429	39.40000	66.92500	0.0
0.0	0.0	0.0					3.1286	40.87143	39.40000	66.92500	0.0
0.0	0.0	0.0					4.1714	39.82857	39.40000	66.92500	0.0
0.0	0.0	0.0					5.2143	38.78571	39.40000	66.92500	0.0
0.0	0.0	0.0					6.2571	37.74286	39.40000	66.92500	0.0
0.0	0.0	0.0					7.3000	36.70000	39.40000	66.92500	0.0
0.0	0.0	0.0	15	14 Keats Grove	14KG - Wall 11		0.0	36.60000	39.40000	66.92500	0.0
0.0	0.0	0.0					0.98000	36.60000	40.38000	66.92500	0.0
0.0	0.0	0.0					1.9600	36.60000	41.36000	66.92500	0.0
0.0	0.0	0.0					2.9400	36.60000	42.34000	66.92500	0.0
0.0	0.0	0.0					3.9200	36.60000	43.32000	66.92500	0.0
0.0	0.0	0.0					4.9000	36.60000	44.30000	66.92500	0.0
0.0	0.0	0.0	16	Garden Wall 1	Sub 16		0.0	63.70000	56.90000	67.85000	-1.3756
-0.24760	-0.45031	-1.3232					1.0004	64.18500	56.02500	67.85000	-5.4993
-2.5745	-0.41430	-6.0580					2.0008	64.67000	55.15000	67.85000	-5.3866
-2.5542	-0.37744	-5.9495					3.0013	65.15500	54.27500	67.85000	-4.2362
-2.3471	-858.31E-6	-4.8429									



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Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx
δy	δH//	δHperp.	Building:	Name	Name						
Ref.	Ref.	Ref.	Ref.								
-2.3470	-858.29E-6	-4.8428					4.0017	65.64000	53.40000	67.85000	-4.2360
-2.3469	-858.27E-6	-4.8427					5.0021	66.12500	52.52500	67.85000	-4.2359
-2.3469	-858.25E-6	-4.8425					6.0025	66.61000	51.65000	67.85000	-4.2358
-2.3468	-858.23E-6	-4.8424					7.0030	67.09500	50.77500	67.85000	-4.2357
-2.3468	-858.21E-6	-4.8423					8.0034	67.58000	49.90000	67.85000	-4.2356
-0.011223	0.0019570	-0.019620					9.0038	68.06500	49.02500	67.85000	-0.016211
0.0	0.0	0.0					10.004	68.55000	48.15000	67.85000	0.0
0.0	0.0	0.0					11.005	69.03500	47.27500	67.85000	0.0
0.0	0.0	0.0					12.005	69.52000	46.40000	67.85000	0.0
0.0	0.0	0.0					13.006	70.00500	45.52500	67.85000	0.0
0.0	0.0	0.0					14.006	70.49000	44.65000	67.85000	0.0
0.0	0.0	0.0					15.006	70.97500	43.77500	67.85000	0.0
0.0	0.0	0.0					16.007	71.46000	42.90000	67.85000	0.0
0.0	0.0	0.0					17.007	71.94500	42.02500	67.85000	0.0
0.0	0.0	0.0					18.008	72.43000	41.15000	67.85000	0.0
0.0	0.0	0.0					19.008	72.91500	40.27500	67.85000	0.0
0.0	0.0	0.0					20.008	73.40000	39.40000	67.85000	0.0
-0.24030	-1.2122	0.60876	17	Garden Wall 2	Sub 17		0.0	63.80000	57.00000	67.85000	-1.3350
-0.18410	-0.92869	0.46639					1.0000	64.60000	57.60000	67.85000	-1.0228
-0.12790	-0.64519	0.32401					2.0000	65.40000	58.20000	67.85000	-0.71056
-0.071700	-0.36169	0.18164					3.0000	66.20000	58.80000	67.85000	-0.39833
-0.015500	-0.078188	0.039266					4.0000	67.00000	59.40000	67.85000	-0.086110
0.0	0.0	0.0					5.0000	67.80000	60.00000	67.85000	0.0
0.0	0.0	0.0					6.0000	68.60000	60.60000	67.85000	0.0
0.0	0.0	0.0					7.0000	69.40000	61.20000	67.85000	0.0
0.0	0.0	0.0					8.0000	70.20000	61.80000	67.85000	0.0
0.0	0.0	0.0					9.0000	71.00000	62.40000	67.85000	0.0
0.0	0.0	0.0					10.000	71.80000	63.00000	67.85000	0.0

Specific Building Damage Results - Vertical Displacements

Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building:	Name	Name	Name	Offset					
[mm]	Ref.	Ref.					[m]	[m]	[m]	[m]	[m]
0	Base Model	1	35 Downshire Hill	35DS - Wall 1		0.0	0.0	70.50000	49.40000	67.85000	
0.0							0.98313	69.94444	50.21111	67.85000	
0.0							1.9663	69.38889	51.02222	67.85000	
3.8559							2.9494	68.83333	51.83333	67.85000	
3.9163							3.9325	68.27778	52.64444	67.85000	
3.9733											



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Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset					
	4.0265						4.9156	67.72222	53.45556	67.85000
	4.0755						5.8988	67.16667	54.26667	67.85000
	5.1098						6.8819	66.61111	55.07778	67.85000
	5.1675						7.8650	66.05556	55.88889	67.85000
	5.1868						8.8482	65.50000	56.70000	67.85000
	5.1604	2	35 Downshire Hill	35DS - Wall 2	0.0	0.0	65.60000	56.70000	67.85000	
	4.6444						0.84404	66.28000	57.20000	67.85000
	3.7088						1.6881	66.96000	57.70000	67.85000
	2.2432						2.5321	67.64000	58.20000	67.85000
	1.6265						3.3762	68.32000	58.70000	67.85000
	1.1982						4.2202	69.00000	59.20000	67.85000
	1.1662	3	35 Downshire Hill	35DS - Wall 3	0.0	0.0	69.10000	59.20000	67.85000	
	1.1350						0.98313	69.65556	58.38889	67.85000
	1.1064						1.9663	70.21111	57.57778	67.85000
	1.0806						2.9494	70.76667	56.76667	67.85000
	1.0575						3.9325	71.32222	55.95556	67.85000
	1.0370						4.9156	71.87778	55.14444	67.85000
	1.0190						5.8988	72.43333	54.33333	67.85000
	1.0035						6.8819	72.98889	53.52222	67.85000
	0.99043						7.8650	73.54444	52.71111	67.85000
	0.0						8.8482	74.10000	51.90000	67.85000
	0.0	4	35 Downshire Hill	35DS - Wall 4	0.0	0.0	74.00000	51.90000	67.85000	
	0.0						0.84404	73.32000	51.40000	67.85000
	0.0						1.6881	72.64000	50.90000	67.85000
	0.0						2.5321	71.96000	50.40000	67.85000
	0.0						3.3762	71.28000	49.90000	67.85000
	0.0						4.2202	70.60000	49.40000	67.85000
	0.0	5	14 Keats Grove	14KG - Wall 1	0.0	0.0	24.30000	44.40000	66.92500	
	0.0						0.92500	24.30000	45.32500	66.92500
	0.0						1.8500	24.30000	46.25000	66.92500
	0.0						2.7750	24.30000	47.17500	66.92500
	0.0						3.7000	24.30000	48.10000	66.92500
	0.0						4.6250	24.30000	49.02500	66.92500
	0.0						5.5500	24.30000	49.95000	66.92500
	0.0						6.4750	24.30000	50.87500	66.92500
	0.0						7.4000	24.30000	51.80000	66.92500
	0.0	6	14 Keats Grove	14KG - Wall 2	0.0	0.0	24.40000	51.80000	66.92500	
	0.0						0.95000	25.35000	51.80000	66.92500
	0.0						1.9000	26.30000	51.80000	66.92500



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Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building:	Name	Name	Offset					
	Ref.	Ref.								
0.0							2.8500	27.25000	51.80000	66.92500
0.0							3.8000	28.20000	51.80000	66.92500
0.0							4.7500	29.15000	51.80000	66.92500
0.0							5.7000	30.10000	51.80000	66.92500
0.0							6.6500	31.05000	51.80000	66.92500
0.0							7.6000	32.00000	51.80000	66.92500
0.0							8.5500	32.95000	51.80000	66.92500
0.0							9.5000	33.90000	51.80000	66.92500
0.0							10.450	34.85000	51.80000	66.92500
0.0							11.400	35.80000	51.80000	66.92500
0.0							12.350	36.75000	51.80000	66.92500
0.0							13.300	37.70000	51.80000	66.92500
0.64651										
0.70998		7	14 Keats Grove	14KG - Wall 3	0.0	0.0	37.80000	51.80000	66.92500	
0.59849							0.92500	37.80000	50.87500	66.92500
0.0							1.8500	37.80000	49.95000	66.92500
0.0							2.7750	37.80000	49.02500	66.92500
0.0							3.7000	37.80000	48.10000	66.92500
0.0							4.6250	37.80000	47.17500	66.92500
0.0							5.5500	37.80000	46.25000	66.92500
0.0							6.4750	37.80000	45.32500	66.92500
0.0							7.4000	37.80000	44.40000	66.92500
0.0		8	14 Keats Grove	14KG - Wall 4	0.0	0.0	37.70000	44.40000	66.92500	
0.0							0.95000	36.75000	44.40000	66.92500
0.0							1.9000	35.80000	44.40000	66.92500
0.0							2.8500	34.85000	44.40000	66.92500
0.0							3.8000	33.90000	44.40000	66.92500
0.0							4.7500	32.95000	44.40000	66.92500
0.0							5.7000	32.00000	44.40000	66.92500
0.0							6.6500	31.05000	44.40000	66.92500
0.0							7.6000	30.10000	44.40000	66.92500
0.0							8.5500	29.15000	44.40000	66.92500
0.0							9.5000	28.20000	44.40000	66.92500
0.0							10.450	27.25000	44.40000	66.92500
0.0							11.400	26.30000	44.40000	66.92500
0.0							12.350	25.35000	44.40000	66.92500
0.0							13.300	24.40000	44.40000	66.92500
0.0		9	14 Keats Grove	14KG - Wall 5	0.0	0.0	27.30000	51.90000	66.92500	
0.0							0.95000	27.30000	52.85000	66.92500
0.0										



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Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset					
0.0						1.9000	27.30000	53.80000	66.92500	
0.0		10	14 Keats Grove	14KG - Wall 6	0.0	0.0	27.30000	53.90000	66.92500	
0.0						0.46000	27.76000	53.90000	66.92500	
0.0						0.92000	28.22000	53.90000	66.92500	
0.0						1.3800	28.68000	53.90000	66.92500	
0.0						1.8400	29.14000	53.90000	66.92500	
0.0						2.3000	29.60000	53.90000	66.92500	
0.0		11	14 Keats Grove	14KG - Wall 7	0.0	0.0	29.60000	53.80000	66.92500	
0.0						0.95000	29.60000	52.85000	66.92500	
0.0						1.9000	29.60000	51.90000	66.92500	
0.0		12	14 Keats Grove	14KG - Wall 8	0.0	0.0	37.90000	46.60000	66.92500	
0.0						1.0167	38.91667	46.60000	66.92500	
0.0						2.0333	39.93333	46.60000	66.92500	
0.0						3.0500	40.95000	46.60000	66.92500	
0.0						4.0667	41.96667	46.60000	66.92500	
0.0						5.0833	42.98333	46.60000	66.92500	
0.0						6.1000	44.00000	46.60000	66.92500	
0.0		13	14 Keats Grove	14KG - Wall 9	0.0	0.0	44.00000	46.50000	66.92500	
0.0						1.0000	44.00000	45.50000	66.92500	
0.0						2.0000	44.00000	44.50000	66.92500	
0.0						3.0000	44.00000	43.50000	66.92500	
0.0						4.0000	44.00000	42.50000	66.92500	
0.0						5.0000	44.00000	41.50000	66.92500	
0.0						6.0000	44.00000	40.50000	66.92500	
0.0						7.0000	44.00000	39.50000	66.92500	
0.0		14	14 Keats Grove	14KG - Wall 10	0.0	0.0	44.00000	39.40000	66.92500	
0.0						1.0429	42.95714	39.40000	66.92500	
0.0						2.0857	41.91429	39.40000	66.92500	
0.0						3.1286	40.87143	39.40000	66.92500	
0.0						4.1714	39.82857	39.40000	66.92500	
0.0						5.2143	38.78571	39.40000	66.92500	
0.0						6.2571	37.74286	39.40000	66.92500	
0.0						7.3000	36.70000	39.40000	66.92500	
0.0		15	14 Keats Grove	14KG - Wall 11	0.0	0.0	36.60000	39.40000	66.92500	
0.0						0.98000	36.60000	40.38000	66.92500	
0.0						1.9600	36.60000	41.36000	66.92500	
0.0						2.9400	36.60000	42.34000	66.92500	
0.0						3.9200	36.60000	43.32000	66.92500	
0.0						4.9000	36.60000	44.30000	66.92500	



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Stage:	Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Dist.	x	y	z
δz	Ref.	Building: Ref.	Name	Name	Offset				
0.0		16	Garden Wall 1	Sub 16	0.0	0.0	63.70000	56.90000	67.85000
1.0436						1.0004	64.18500	56.02500	67.85000
4.5171						2.0008	64.67000	55.15000	67.85000
4.4901						3.0013	65.15500	54.27500	67.85000
3.5287						4.0017	65.64000	53.40000	67.85000
3.5290						5.0021	66.12500	52.52500	67.85000
3.5293						6.0025	66.61000	51.65000	67.85000
3.5296						7.0030	67.09500	50.77500	67.85000
3.5298						8.0034	67.58000	49.90000	67.85000
3.5301						9.0038	68.06500	49.02500	67.85000
0.15295						10.004	68.55000	48.15000	67.85000
0.0						11.005	69.03500	47.27500	67.85000
0.0						12.005	69.52000	46.40000	67.85000
0.0						13.006	70.00500	45.52500	67.85000
0.0						14.006	70.49000	44.65000	67.85000
0.0						15.006	70.97500	43.77500	67.85000
0.0						16.007	71.46000	42.90000	67.85000
0.0						17.007	71.94500	42.02500	67.85000
0.0						18.008	72.43000	41.15000	67.85000
0.0						19.008	72.91500	40.27500	67.85000
0.0						20.008	73.40000	39.40000	67.85000
0.0		17	Garden Wall 2	Sub 17	0.0	0.0	63.80000	57.00000	67.85000
1.0205						1.0000	64.60000	57.60000	67.85000
0.95747						2.0000	65.40000	58.20000	67.85000
1.0024						3.0000	66.20000	58.80000	67.85000
0.94925						4.0000	67.00000	59.40000	67.85000
0.50064						5.0000	67.80000	60.00000	67.85000
0.0						6.0000	68.60000	60.60000	67.85000
0.0						7.0000	69.40000	61.20000	67.85000
0.0						8.0000	70.20000	61.80000	67.85000
0.0						9.0000	71.00000	62.40000	67.85000
0.0						10.000	71.80000	63.00000	67.85000
0.0									

Specific Building Damage Results - Detail

Stage:	Stage:	Name Specific	Specific Building:	Sub-building	Vertical	Offset	Segment	Start	Length
Curvature	Deflection	Average	Max	Max Gradient	Max Gradient	Min	Damage Category		
Ref.	Horizontal	Tensile	of	of Vertical	Radius of	from Line for			
Ratio	Strain	Horizontal	Displacement	Curvature	Vertical	Movement			
Displacement	Curve								

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Curve						Calculations			
[%]	[%]	[%]	[m]	[m]	[m]	[m]	[m]	[m]	[m]
0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	1	1.9663		
1.9815	None	88.878E-6	614.05E-6	677.74E-6	-324.50E-6	-0.0039208	1016.3 0	(Negligible)	
2.4386	None	0.015956	0.0047429	0.018406	-212.60E-6	-0.0010519	3906.5 0	(Negligible)	
2.0507	None	0.018449	0.010130	0.023762	-212.60E-6	-0.0010519	3544.4 0	(Negligible)	
0.41094	None	0.0	0.0065814	0.0065815	-65.810E-6	-19.628E-6	4930.6 0	(Negligible)	
1.9560	None	0.015857	0.093201	0.10444	-962.36E-6	0.0017351	1599.1 2	(Slight)	
2.2640	None	0.021041	0.044737	0.061669	-734.40E-6	0.0017351	2018.1 1	(Very Slight)	
5.9087	None	203.10E-6	316.69E-6	612.65E-6	-3.1669E-6	31.805E-6	351280. 0	(Negligible)	
1.9563	None	60.668E-6	316.69E-6	359.67E-6	-123.69E-6	0.0010073	1319.8 0	(Negligible)	
			4	35 Downshire Hill	35DS - Wall 4	0.0	All vertical displacements are less than the limit sensitivity.		
			5	14 Keats Grove	14KG - Wall 1	0.0	All vertical displacements are less than the limit sensitivity.		
0.0	None	0.0	6	14 Keats Grove	14KG - Wall 2	0.0	1	13.300	
				0.0	35.763E-9	-160.12E-6	-680.42E-6	1117.0 0	(Negligible)
0.92500	None	0.0	7	14 Keats Grove	14KG - Wall 3	0.0	1	0.0	
				0.0	0.0011360	0.0011360	-25.298E-6	647.00E-6	1128.3 0 (Negligible)
			8	14 Keats Grove	14KG - Wall 4	0.0	All vertical displacements are less than the limit sensitivity.		
			9	14 Keats Grove	14KG - Wall 5	0.0	All vertical displacements are less than the limit sensitivity.		
			10	14 Keats Grove	14KG - Wall 6	0.0	All vertical displacements are less than the limit sensitivity.		
			11	14 Keats Grove	14KG - Wall 7	0.0	All vertical displacements are less than the limit sensitivity.		
			12	14 Keats Grove	14KG - Wall 8	0.0	All vertical displacements are less than the limit sensitivity.		
			13	14 Keats Grove	14KG - Wall 9	0.0	All vertical displacements are less than the limit sensitivity.		
			14	14 Keats Grove	14KG - Wall 10	0.0	All vertical displacements are less than the limit sensitivity.		
			15	14 Keats Grove	14KG - Wall 11	0.0	All vertical displacements are less than the limit sensitivity.		
2.8180	Sagging	0.089360	0.013501	0.13039	-376.28E-6	-0.0034718	241.65 2	(Slight)	0.0
2.1841	None	0.0073320	0.0031586	0.011400	-376.28E-6	960.54E-6	4051.6 0	(Negligible)	
3.5242	None	0.042504	41.756E-6	0.061106	-2.8140E-6	0.0033757	1134.4 1	(Very Slight)	
0.47750	None	0.0	281.40E-6	281.42E-6	-2.8140E-6	0.0033757	1241.8 0	(Negligible)	
1.3182	None	0.0019742	0.028350	0.029845	-283.42E-6	62.994E-6	6272.4 0	(Negligible)	
2.6804	None	0.010157	0.028350	0.041289	-283.42E-6	448.48E-6	4259.0 0	(Negligible)	
0.0013392	None	0.0	0.028350	0.028350	-283.42E-6	500.60E-6	3.1711E+6	0 (Negligible)	

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

Stage: Max Ref.	Stage: Max Settlement	Name Building:	Specific Max Gradient	Specific Building: Name	Building: Name	Sub-building of	Vertical of	Vertical of	Deflection Damage Category	Average Horizontal Strain	Max Slope
Strain	Displacement	Ref.	Horizontal Displacement	Vertical Curvature	Curvature	of	of	of	Ratio	Horizontal	
Curve	Curve		(Hogging)	(Sagging)							
[mm]	[%]					[m]	[m]	[m]	[%]	[%]	

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Drg. Ref.		
Made by	Date	Checked
	30-Sep-2024	
		Date

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0	Base Model	1	35 Downshire Hill	35DS - Wall 1	0.0	0.018449	0.010130	-0.0039208
5.1868	0.023762		-324.50E-6	-0.0039208	-	0	(Negligible)	
5.1604	0.10444	2	35 Downshire Hill	35DS - Wall 2	0.0	0.021041	0.093201	0.0017351
			-962.36E-6	0.0017351	-	2	(Slight)	
1.1662	612.65E-6	3	35 Downshire Hill	35DS - Wall 3	0.0	203.10E-6	316.69E-6	0.0010073
			-123.69E-6	0.0010073	-	0	(Negligible)	
0.64651	35.763E-9	6	14 Keats Grove	14KG - Wall 2	0.0	0.0	0.0	-680.42E-6
			-160.12E-6	-680.42E-6	-	0	(Negligible)	
0.70998	0.0011360	7	14 Keats Grove	14KG - Wall 3	0.0	0.0	0.0011360	647.00E-6
			-25.298E-6	647.00E-6	-	0	(Negligible)	
4.5164	0.13039	16	Garden Wall 1	Sub 16	0.0	0.089360	0.013501	-0.0034718
			-376.28E-6	-0.0034718	-	241.65	2 (Slight)	
1.0205	0.041289	17	Garden Wall 2	Sub 17	0.0	0.010157	0.028350	500.60E-6
			-283.42E-6	500.60E-6	-	0	(Negligible)	

Specific Building Damage Results - Critical Segments within Each Building

Stage:	Stage:	Name	Specific	Specific	Building:	Parameter	Critical	Critical
Start	End	Curvature	Max	Slope	Max	Max	Min	Min
Ref.	Settlement	Tensile	Building:	Radius of	Name	Damage	Category	Sub-Building
Strain	Curvature	Curvature	Ref.	Ref.				Segment
(Hogging) (Sagging)								
[m]			[mm]	[%]	[m]			[m]
0	Base Model	0	35 Downshire Hill	Max Slope	35DS - Wall 1			1
1.9663	3.9477	None	0.0039208	3.9741	677.74E-6	-	0 (Negligible)	
					Max Settlement		35DS - Wall 1	4
8.4371	8.8480	None	19.628E-6	5.1868	0.0065815	-	0 (Negligible)	
					Max Tensile Strain		35DS - Wall 2	1
0.0	1.9560	None	0.0017351	5.1604	0.10444	-	2 (Slight)	
					Min Radius of Curvature (Hogging)			
					Min Radius of Curvature (Sagging)			
		0	14 Keats Grove	Max Slope	14KG - Wall 2			1
13.300	13.300	None	680.42E-6	0.64651	35.763E-9	-	0 (Negligible)	
					Max Settlement		14KG - Wall 3	1
0.0	0.92500	None	647.00E-6	0.70998	0.0011360	-	0 (Negligible)	
					Max Tensile Strain		14KG - Wall 3	1
0.0	0.92500	None	647.00E-6	0.70998	0.0011360	-	0 (Negligible)	
					Min Radius of Curvature (Hogging)			
					Min Radius of Curvature (Sagging)			
		0	Garden Wall 1	Max Slope	Sub 16			1
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	241.65	2 (Slight)
					Max Settlement		Sub 16	1
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	241.65	2 (Slight)
					Max Tensile Strain		Sub 16	1
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	241.65	2 (Slight)
					Min Radius of Curvature (Hogging)			
					Min Radius of Curvature (Sagging)		Sub 16	1
0.0	2.8180	Sagging	0.0034718	4.5164	0.13039	-	241.65	2 (Slight)
					Max Slope		Sub 17	3
3.9987	4.0000	None	500.60E-6	0.50124	0.028350	-	0 (Negligible)	
					Max Settlement		Sub 17	1
0.0	1.3182	None	62.994E-6	1.0205	0.029845	-	0 (Negligible)	
					Max Tensile Strain		Sub 17	2
1.3182	3.9987	None	448.48E-6	1.0022	0.041289	-	0 (Negligible)	
					Min Radius of Curvature (Hogging)			
					Min Radius of Curvature (Sagging)			



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