



4 Wedderburn Road, London, NW3 5QE
Wall Movements
Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Problem Type

Problem Type : Tunnelling and Embedded Wall Excavations

Displacement Data

Type	Name	Direction of extrusion	Point/Line/Line for extrusion			No. of intervals across extrusion/line	Extrusion depth	No. of intervals along extrusion	Calculate	Surface type for tunnels		
			First point		Second point							
			X [m]	Y [m]	Z(level) [m]	X [m]	Y [m]	Z(level) [m]				
Grid	Grid 1	Global X	-30.00000	-30.00000	99.00000	-	45.00000	99.00000	75	95.00000	95 Yes	Surface

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: -2147483648.E+2147483647

Curve Name: Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(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-3x⁴ + 2.8495E-2x³ - 1.0051E-1x² + 1.0569E-1x + 3.8990E-2
Coeff. of Determination: 9.9991E-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: -2147483648.E+2147483647

Curve Name: Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(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

Polygonal Excavations

Excavation Name: New Excavation - Underpinned
Surface level [m]: 100.00
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: 96.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side			Next Side		
					d [m]	p1 [%]	p2* [%]	d [m]	p1 [%]	p2* [%]
1	20.000	0.0	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	35.000	0.0	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	35.000	12.000	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	20.000	12.000	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1		Corner 2		Ground Movement Curve					
	x [m]	y [m]	x [m]	y [m]	Vertical			Horizontal		
1	20.000	0.0	35.000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))				
2	35.000	0.0	35.000	12.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))				
3	35.000	12.000	20.000	12.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))				
4	20.000	12.000	20.000	0.0	No vertical ground movement	No horizontal ground movement				

Excavation Name: New Excavation - Piled
Surface level [m]: 100.00
Contribution: Positive
Enabled: Yes
Surface movement curves which are selected are applied between surface and [m]: 96.000

Corner	x [m]	y [m]	Base Level [m]	Stiffened	Previous Side			Next Side		
					d [m]	p1 [%]	p2* [%]	d [m]	p1 [%]	p2* [%]
1	0.0	0.0	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
2	35.000	0.0	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
3	35.000	12.000	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000
4	0.0	12.000	96.000	Yes	0.0	67.000	25.000	0.0	67.000	25.000

Side	Corner 1	Corner 2	Ground Movement Curve
------	----------	----------	-----------------------



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

	x [m]	y [m]	x [m]	y [m]	Vertical	Horizontal
1	0.0	0.0	20.000	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
2	20.000	0.0	20.000	12.000	No vertical ground movement	No horizontal ground movement
3	20.000	12.000	0.0	12.000	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))
4	0.0	12.000	0.0	0.0	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(b))	Excavation in front of high stiffness wall in stiff clay (CIRIA 580 Fig. 2.11(a))

Damage Category Strains

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

Warnings

- Multiple excavations have been specified. The displacements resulting from these excavations are calculated by summing the displacements resulting from each individual excavation. No account has been taken of the interactions between excavations (e.g. overlapping zones of influence or 'shielding' of one excavation by another).
- Embedded Wall Excavation PE1 : New Excavation - Underpinned intersects PE2 : New Excavation - Piled.
- Embedded Wall Excavation PE2 : New Excavation - Piled intersects PE1 : New Excavation - Underpinned.

Displacement and Strain Results

Type/No.	Dist. [m]	Coordinates [m]			Displacements [mm]		
Name	Dist. [m]	x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
Grid 1	Grid 1	-30.00000	-30.00000	99.00000	0.0	0.0	0.0
		-29.00000	-30.00000	99.00000	0.0	0.0	0.0
		-28.00000	-30.00000	99.00000	0.0	0.0	0.0
		-27.00000	-30.00000	99.00000	0.0	0.0	0.0
		-26.00000	-30.00000	99.00000	0.0	0.0	0.0
		-25.00000	-30.00000	99.00000	0.0	0.0	0.0
		-24.00000	-30.00000	99.00000	0.0	0.0	0.0
		-23.00000	-30.00000	99.00000	0.0	0.0	0.0
		-22.00000	-30.00000	99.00000	0.0	0.0	0.0
		-21.00000	-30.00000	99.00000	0.0	0.0	0.0
		-20.00000	-30.00000	99.00000	0.0	0.0	0.0
		-19.00000	-30.00000	99.00000	0.0	0.0	0.0
		-18.00000	-30.00000	99.00000	0.0	0.0	0.0
		-17.00000	-30.00000	99.00000	0.0	0.0	0.0
		-16.00000	-30.00000	99.00000	0.0	0.0	0.0
		-15.00000	-30.00000	99.00000	0.0	0.0	0.0
		-14.00000	-30.00000	99.00000	0.0	0.0	0.0
		-13.00000	-30.00000	99.00000	0.0	0.0	0.0
		-12.00000	-30.00000	99.00000	0.0	0.0	0.0
		-11.00000	-30.00000	99.00000	0.0	0.0	0.0
		-10.00000	-30.00000	99.00000	0.0	0.0	0.0
		-9.00000	-30.00000	99.00000	0.0	0.0	0.0
		-8.00000	-30.00000	99.00000	0.0	0.0	0.0
		-7.00000	-30.00000	99.00000	0.0	0.0	0.0
		-6.00000	-30.00000	99.00000	0.0	0.0	0.0
		-5.00000	-30.00000	99.00000	0.0	0.0	0.0
		-4.00000	-30.00000	99.00000	0.0	0.0	0.0
		-3.00000	-30.00000	99.00000	0.0	0.0	0.0
		-2.00000	-30.00000	99.00000	0.0	0.0	0.0
		-1.00000	-30.00000	99.00000	0.0	0.0	0.0
		0.00000	-30.00000	99.00000	0.0	0.0	0.0
		1.00000	-30.00000	99.00000	0.0	0.0	0.0
		2.00000	-30.00000	99.00000	0.0	0.0	0.0
		3.00000	-30.00000	99.00000	0.0	0.0	0.0
		4.00000	-30.00000	99.00000	0.0	0.0	0.0
		5.00000	-30.00000	99.00000	0.0	0.0	0.0
		6.00000	-30.00000	99.00000	0.0	0.0	0.0
		7.00000	-30.00000	99.00000	0.0	0.0	0.0
		8.00000	-30.00000	99.00000	0.0	0.0	0.0
		9.00000	-30.00000	99.00000	0.0	0.0	0.0
		10.00000	-30.00000	99.00000	0.0	0.0	0.0
		11.00000	-30.00000	99.00000	0.0	0.0	0.0
		12.00000	-30.00000	99.00000	0.0	0.0	0.0
		13.00000	-30.00000	99.00000	0.0	0.0	0.0
		14.00000	-30.00000	99.00000	0.0	0.0	0.0
		15.00000	-30.00000	99.00000	0.0	0.0	0.0
		16.00000	-30.00000	99.00000	0.0	0.0	0.0
		17.00000	-30.00000	99.00000	0.0	0.0	0.0
		18.00000	-30.00000	99.00000	0.0	0.0	0.0
		19.00000	-30.00000	99.00000	0.0	0.0	0.0
		20.00000	-30.00000	99.00000	0.0	0.0	0.0
		21.00000	-30.00000	99.00000	0.0	0.0	0.0
		22.00000	-30.00000	99.00000	0.0	0.0	0.0
		23.00000	-30.00000	99.00000	0.0	0.0	0.0
		24.00000	-30.00000	99.00000	0.0	0.0	0.0
		25.00000	-30.00000	99.00000	0.0	0.0	0.0
		26.00000	-30.00000	99.00000	0.0	0.0	0.0
		27.00000	-30.00000	99.00000	0.0	0.0	0.0
		28.00000	-30.00000	99.00000	0.0	0.0	0.0
		29.00000	-30.00000	99.00000	0.0	0.0	0.0
		30.00000	-30.00000	99.00000	0.0	0.0	0.0
		31.00000	-30.00000	99.00000	0.0	0.0	0.0
		32.00000	-30.00000	99.00000	0.0	0.0	0.0
		33.00000	-30.00000	99.00000	0.0	0.0	0.0
		34.00000	-30.00000	99.00000	0.0	0.0	0.0
		35.00000	-30.00000	99.00000	0.0	0.0	0.0
		36.00000	-30.00000	99.00000	0.0	0.0	0.0
		37.00000	-30.00000	99.00000	0.0	0.0	0.0
		38.00000	-30.00000	99.00000	0.0	0.0	0.0
		39.00000	-30.00000	99.00000	0.0	0.0	0.0
		40.00000	-30.00000	99.00000	0.0	0.0	0.0
		41.00000	-30.00000	99.00000	0.0	0.0	0.0
		42.00000	-30.00000	99.00000	0.0	0.0	0.0
		43.00000	-30.00000	99.00000	0.0	0.0	0.0
		44.00000	-30.00000	99.00000	0.0	0.0	0.0
		45.00000	-30.00000	99.00000	0.0	0.0	0.0
		46.00000	-30.00000	99.00000	0.0	0.0	0.0
		47.00000	-30.00000	99.00000	0.0	0.0	0.0
		48.00000	-30.00000	99.00000	0.0	0.0	0.0
		49.00000	-30.00000	99.00000	0.0	0.0	0.0
		50.00000	-30.00000	99.00000	0.0	0.0	0.0
		51.00000	-30.00000	99.00000	0.0	0.0	0.0
		52.00000	-30.00000	99.00000	0.0	0.0	0.0
		53.00000	-30.00000	99.00000	0.0	0.0	0.0
		54.00000	-30.00000	99.00000	0.0	0.0	0.0
		55.00000	-30.00000	99.00000	0.0	0.0	0.0
		56.00000	-30.00000	99.00000	0.0	0.0	0.0
		57.00000	-30.00000	99.00000	0.0	0.0	0.0
		58.00000	-30.00000	99.00000	0.0	0.0	0.0
		59.00000	-30.00000	99.00000	0.0	0.0	0.0
		60.00000	-30.00000	99.00000	0.0	0.0	0.0
		61.00000	-30.00000	99.00000	0.0	0.0	0.0
		62.00000	-30.00000	99.00000	0.0	0.0	0.0
		63.00000	-30.00000	99.00000	0.0	0.0	0.0
		64.00000	-30.00000	99.00000	0.0	0.0	0.0
		65.00000	-30.00000	99.00000	0.0	0.0	0.0
		-30.00000	-29.00000	99.00000	0.0	0.0	0.0
		-29.00000	-29.00000	99.00000	0.0	0.0	0.0
		-28.00000	-29.00000	99.00000	0.0	0.0	0.0



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
		-6.00000	-16.00000	99.00000	0.0	0.0	0.0
		-5.00000	-16.00000	99.00000	0.0	0.0	0.0
		-4.00000	-16.00000	99.00000	0.0	0.0	0.0
		-3.00000	-16.00000	99.00000	0.0	0.0	0.0
		-2.00000	-16.00000	99.00000	0.0	0.0	0.0
		-1.00000	-16.00000	99.00000	0.0	0.0	0.0
		0.00000	-16.00000	99.00000	0.0	0.0	0.0023013
		1.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		2.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		3.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		4.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		5.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		6.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		7.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		8.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		9.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		10.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		11.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		12.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		13.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		14.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		15.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		16.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		17.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		18.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		19.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		20.00000	-16.00000	99.00000	0.0	0.0	0.0046027
		21.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		22.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		23.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		24.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		25.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		26.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		27.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		28.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		29.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		30.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		31.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		32.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		33.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		34.00000	-16.00000	99.00000	0.0	0.0	0.0034348
		35.00000	-16.00000	99.00000	0.0	0.0	0.0023013
		36.00000	-16.00000	99.00000	0.0	0.0	0.0
		37.00000	-16.00000	99.00000	0.0	0.0	0.0
		38.00000	-16.00000	99.00000	0.0	0.0	0.0
		39.00000	-16.00000	99.00000	0.0	0.0	0.0
		40.00000	-16.00000	99.00000	0.0	0.0	0.0
		41.00000	-16.00000	99.00000	0.0	0.0	0.0
		42.00000	-16.00000	99.00000	0.0	0.0	0.0
		43.00000	-16.00000	99.00000	0.0	0.0	0.0
		44.00000	-16.00000	99.00000	0.0	0.0	0.0
		45.00000	-16.00000	99.00000	0.0	0.0	0.0
		46.00000	-16.00000	99.00000	0.0	0.0	0.0
		47.00000	-16.00000	99.00000	0.0	0.0	0.0
		48.00000	-16.00000	99.00000	0.0	0.0	0.0
		49.00000	-16.00000	99.00000	0.0	0.0	0.0
		50.00000	-16.00000	99.00000	0.0	0.0	0.0
		51.00000	-16.00000	99.00000	0.0	0.0	0.0
		52.00000	-16.00000	99.00000	0.0	0.0	0.0
		53.00000	-16.00000	99.00000	0.0	0.0	0.0
		54.00000	-16.00000	99.00000	0.0	0.0	0.0
		55.00000	-16.00000	99.00000	0.0	0.0	0.0
		56.00000	-16.00000	99.00000	0.0	0.0	0.0
		57.00000	-16.00000	99.00000	0.0	0.0	0.0
		58.00000	-16.00000	99.00000	0.0	0.0	0.0
		59.00000	-16.00000	99.00000	0.0	0.0	0.0
		60.00000	-16.00000	99.00000	0.0	0.0	0.0
		61.00000	-16.00000	99.00000	0.0	0.0	0.0
		62.00000	-16.00000	99.00000	0.0	0.0	0.0
		63.00000	-16.00000	99.00000	0.0	0.0	0.0
		64.00000	-16.00000	99.00000	0.0	0.0	0.0
		65.00000	-16.00000	99.00000	0.0	0.0	0.0
		-30.00000	-15.00000	99.00000	0.0	0.0	0.0
		-29.00000	-15.00000	99.00000	0.0	0.0	0.0
		-28.00000	-15.00000	99.00000	0.0	0.0	0.0
		-27.00000	-15.00000	99.00000	0.0	0.0	0.0
		-26.00000	-15.00000	99.00000	0.0	0.0	0.0
		-25.00000	-15.00000	99.00000	0.0	0.0	0.0
		-24.00000	-15.00000	99.00000	0.0	0.0	0.0
		-23.00000	-15.00000	99.00000	0.0	0.0	0.0
		-22.00000	-15.00000	99.00000	0.0	0.0	0.0
		-21.00000	-15.00000	99.00000	0.0	0.0	0.0
		-20.00000	-15.00000	99.00000	0.0	0.0	0.0
		-19.00000	-15.00000	99.00000	0.0	0.0	0.0
		-18.00000	-15.00000	99.00000	0.0	0.0	0.0
		-17.00000	-15.00000	99.00000	0.0	0.0	0.0
		-16.00000	-15.00000	99.00000	0.0	0.0	0.0
		-15.00000	-15.00000	99.00000	0.0	0.0	0.0
		-14.00000	-15.00000	99.00000	0.0	0.0	0.0
		-13.00000	-15.00000	99.00000	0.0	0.0	0.0
		-12.00000	-15.00000	99.00000	0.0	0.0	0.0
		-11.00000	-15.00000	99.00000	0.0	0.0	0.0
		-10.00000	-15.00000	99.00000	0.0	0.0	0.0
		-9.00000	-15.00000	99.00000	0.0	0.0	0.0
		-8.00000	-15.00000	99.00000	0.0	0.0	0.0
		-7.00000	-15.00000	99.00000	0.0	0.0	0.0
		-6.00000	-15.00000	99.00000	0.0	0.0	0.0
		-5.00000	-15.00000	99.00000	0.013428	0.040284	0.010314
		-4.00000	-15.00000	99.00000	0.028210	0.10579	0.021227
		-3.00000	-15.00000	99.00000	0.032428	0.16214	0.02869
		-2.00000	-15.00000	99.00000	0.027565	0.20674	0.034206
		-1.00000	-15.00000	99.00000	0.015809	0.23713	0.037678
		0.00000	-15.00000	99.00000	0.0	0.25125	0.039407
		1.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		2.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		3.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		4.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		5.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		6.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		7.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		8.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		9.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		10.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		11.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		12.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		13.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		14.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		15.00000	-15.00000	99.00000	0.011137	0.40841	0.067371
		16.00000	-15.00000	99.00000	0.024397	0.46649	0.077173
		17.00000	-15.00000	99.00000	0.023180	0.52090	0.084793
		18.00000	-15.00000	99.00000	0.025751	0.56814	0.090771
		19.00000	-15.00000	99.00000	0.015298	0.60447	0.095276
		20.00000	-15.00000	99.00000	0.0	0.50250	0.078813
		21.00000	-15.00000	99.00000	-0.015298	0.60447	0.095276
		22.00000	-15.00000	99.00000	-0.025751	0.56814	0.090771
		23.00000	-15.00000	99.00000	-0.029180	0.52090	0.084793
		24.00000	-15.00000	99.00000	-0.024397	0.46649	0.077173
		25.00000	-15.00000	99.00000	-0.011137	0.40841	0.067371
		26.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		27.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		28.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		29.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		30.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		31.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		32.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		33.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		34.00000	-15.00000	99.00000	0.0	0.37500	0.058816
		35.00000	-15.00000	99.00000	0.0	0.25125	0.039407
		36.00000	-15.00000	99.00000	-0.015809	0.23713	0.037678
		37.00000	-15.00000	99.00000	-0.027565	0.20674	0.034206
		38.00000	-15.00000	99.00000	-0.032428	0.16214	0.02869



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No. Sheet No. Rev.

J14267A

Drg. Ref.

Made by MP

Date 02-Jul-2015

Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
39.00000	-15.00000	99.00000	-0.028210	0.10579	0.021227		
40.00000	-15.00000	99.00000	-0.013428	0.040284	0.010314		
41.00000	-15.00000	99.00000	0.0	0.0	0.0		
42.00000	-15.00000	99.00000	0.0	0.0	0.0		
43.00000	-15.00000	99.00000	0.0	0.0	0.0		
44.00000	-15.00000	99.00000	0.0	0.0	0.0		
45.00000	-15.00000	99.00000	0.0	0.0	0.0		
46.00000	-15.00000	99.00000	0.0	0.0	0.0		
47.00000	-15.00000	99.00000	0.0	0.0	0.0		
48.00000	-15.00000	99.00000	0.0	0.0	0.0		
49.00000	-15.00000	99.00000	0.0	0.0	0.0		
50.00000	-15.00000	99.00000	0.0	0.0	0.0		
51.00000	-15.00000	99.00000	0.0	0.0	0.0		
52.00000	-15.00000	99.00000	0.0	0.0	0.0		
53.00000	-15.00000	99.00000	0.0	0.0	0.0		
54.00000	-15.00000	99.00000	0.0	0.0	0.0		
55.00000	-15.00000	99.00000	0.0	0.0	0.0		
56.00000	-15.00000	99.00000	0.0	0.0	0.0		
57.00000	-15.00000	99.00000	0.0	0.0	0.0		
58.00000	-15.00000	99.00000	0.0	0.0	0.0		
59.00000	-15.00000	99.00000	0.0	0.0	0.0		
60.00000	-15.00000	99.00000	0.0	0.0	0.0		
61.00000	-15.00000	99.00000	0.0	0.0	0.0		
62.00000	-15.00000	99.00000	0.0	0.0	0.0		
63.00000	-15.00000	99.00000	0.0	0.0	0.0		
64.00000	-15.00000	99.00000	0.0	0.0	0.0		
65.00000	-15.00000	99.00000	0.0	0.0	0.0		
-30.00000	-14.00000	99.00000	0.0	0.0	0.0		
-29.00000	-14.00000	99.00000	0.0	0.0	0.0		
-28.00000	-14.00000	99.00000	0.0	0.0	0.0		
-27.00000	-14.00000	99.00000	0.0	0.0	0.0		
-26.00000	-14.00000	99.00000	0.0	0.0	0.0		
-25.00000	-14.00000	99.00000	0.0	0.0	0.0		
-24.00000	-14.00000	99.00000	0.0	0.0	0.0		
-23.00000	-14.00000	99.00000	0.0	0.0	0.0		
-22.00000	-14.00000	99.00000	0.0	0.0	0.0		
-21.00000	-14.00000	99.00000	0.0	0.0	0.0		
-20.00000	-14.00000	99.00000	0.0	0.0	0.0		
-19.00000	-14.00000	99.00000	0.0	0.0	0.0		
-18.00000	-14.00000	99.00000	0.0	0.0	0.0		
-17.00000	-14.00000	99.00000	0.0	0.0	0.0		
-16.00000	-14.00000	99.00000	0.0	0.0	0.0		
-15.00000	-14.00000	99.00000	0.0	0.0	0.0		
-14.00000	-14.00000	99.00000	0.0	0.0	0.0		
-13.00000	-14.00000	99.00000	0.0	0.0	0.0		
-12.00000	-14.00000	99.00000	0.0	0.0	0.0		
-11.00000	-14.00000	99.00000	0.0	0.0	0.0		
-10.00000	-14.00000	99.00000	0.0	0.0	0.0		
-9.00000	-14.00000	99.00000	0.0	0.0	0.0		
-8.00000	-14.00000	99.00000	0.0	0.0	0.0		
-7.00000	-14.00000	99.00000	0.033200	0.066399	0.015541		
-6.00000	-14.00000	99.00000	0.066107	0.15425	0.028548		
-5.00000	-14.00000	99.00000	0.085204	0.23857	0.038165		
-4.00000	-14.00000	99.00000	0.090444	0.31655	0.046040		
-3.00000	-14.00000	99.00000	0.082518	0.38508	0.052837		
-2.00000	-14.00000	99.00000	0.062988	0.44091	0.058562		
-1.00000	-14.00000	99.00000	0.034353	0.48094	0.062883		
0.00000	-14.00000	99.00000	0.0	0.50250	0.065400		
1.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
2.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
3.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
4.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
5.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
6.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
7.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
8.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
9.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
10.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
11.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
12.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
13.00000	-14.00000	99.00000	0.024598	0.79920	0.10913		
14.00000	-14.00000	99.00000	0.051477	0.87011	0.11984		
15.00000	-14.00000	99.00000	0.069588	0.94485	0.12878		
16.00000	-14.00000	99.00000	0.077304	1.0206	0.13696		
17.00000	-14.00000	99.00000	0.073636	1.0936	0.14476		
18.00000	-14.00000	99.00000	0.058537	1.1598	0.15204		
19.00000	-14.00000	99.00000	0.033162	1.2143	0.15831		
20.00000	-14.00000	99.00000	0.0	1.0050	0.13080		
21.00000	-14.00000	99.00000	-0.033162	1.2143	0.15831		
22.00000	-14.00000	99.00000	-0.058537	1.1598	0.15204		
23.00000	-14.00000	99.00000	-0.073636	1.0936	0.14476		
24.00000	-14.00000	99.00000	-0.077304	1.0206	0.13696		
25.00000	-14.00000	99.00000	-0.069588	0.94485	0.12878		
26.00000	-14.00000	99.00000	-0.051477	0.87011	0.11984		
27.00000	-14.00000	99.00000	-0.024598	0.79920	0.10913		
28.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
29.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
30.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
31.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
32.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
33.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
34.00000	-14.00000	99.00000	0.0	0.75000	0.097612		
35.00000	-14.00000	99.00000	0.0	0.50250	0.065400		
36.00000	-14.00000	99.00000	-0.034353	0.48094	0.062883		
37.00000	-14.00000	99.00000	-0.062988	0.44091	0.058562		
38.00000	-14.00000	99.00000	-0.082518	0.38508	0.052837		
39.00000	-14.00000	99.00000	-0.090444	0.31655	0.046040		
40.00000	-14.00000	99.00000	-0.085204	0.23857	0.038165		
41.00000	-14.00000	99.00000	-0.066107	0.15425	0.028548		
42.00000	-14.00000	99.00000	-0.033200	0.066399	0.015541		
43.00000	-14.00000	99.00000	0.0	0.0	0.0		
44.00000	-14.00000	99.00000	0.0	0.0	0.0		
45.00000	-14.00000	99.00000	0.0	0.0	0.0		
46.00000	-14.00000	99.00000	0.0	0.0	0.0		
47.00000	-14.00000	99.00000	0.0	0.0	0.0		
48.00000	-14.00000	99.00000	0.0	0.0	0.0		
49.00000	-14.00000	99.00000	0.0	0.0	0.0		
50.00000	-14.00000	99.00000	0.0	0.0	0.0		
51.00000	-14.00000	99.00000	0.0	0.0	0.0		
52.00000	-14.00000	99.00000	0.0	0.0	0.0		
53.00000	-14.00000	99.00000	0.0	0.0	0.0		
54.00000	-14.00000	99.00000	0.0	0.0	0.0		
55.00000	-14.00000	99.00000	0.0	0.0	0.0		
56.00000	-14.00000	99.00000	0.0	0.0	0.0		
57.00000	-14.00000	99.00000	0.0	0.0	0.0		
58.00000	-14.00000	99.00000	0.0	0.0	0.0		
59.00000	-14.00000	99.00000	0.0	0.0	0.0		
60.00000	-14.00000	99.00000	0.0	0.0	0.0		
61.00000	-14.00000	99.00000	0.0	0.0	0.0		
62.00000	-14.00000	99.00000	0.0	0.0	0.0		
63.00000	-14.00000	99.00000	0.0	0.0	0.0		
64.00000	-14.00000	99.00000	0.0	0.0	0.0		
65.00000	-14.00000	99.00000	0.0	0.0	0.0		
-30.00000	-13.00000	99.00000	0.0	0.0	0.0		
-29.00000	-13.00000	99.00000	0.0	0.0	0.0		
-28.00000	-13.00000	99.00000	0.0	0.0	0.0		
-27.00000	-13.00000	99.00000	0.0	0.0	0.0		
-26.00000	-13.00000	99.00000	0.0	0.0	0.0		
-25.00000	-13.00000	99.00000	0.0	0.0	0.0		
-24.00000	-13.00000	99.00000	0.0	0.0	0.0		
-23.00000	-13.00000	99.00000	0.0	0.0	0.0		
-22.00000	-13.00000	99.00000	0.0	0.0	0.0		
-21.00000	-13.00000	99.00000	0.0	0.0	0.0		
-20.00000	-13.00000	99.00000	0.0	0.0	0.0		
-19.00000	-13.00000	99.00000	0.0	0.0	0.0		
-18.00000	-13.00000	99.00000	0.0	0.0	0.0		
-17.00000	-13.00000	99.00000	0.0	0.0	0.0		
-16.00000	-13.00000	99.00000	0.0	0.0	0.0		
-15.00000	-13.00000	99.00000	0.0	0.0	0.0		
-14.00000	-13.00000	99.00000	0.0	0.0	0.0		
-13.00000	-13.00000	99.00000	0.0	0.0	0.0		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
-12.00000	-13.00000	99.00000	0.0	0.0	0.0		
-11.00000	-13.00000	99.00000	0.0	0.0	0.0		
-10.00000	-13.00000	99.00000	0.0	0.0	0.0		
-9.00000	-13.00000	99.00000	0.021697	0.031340	0.0092591		
-8.00000	-13.00000	99.00000	0.079607	0.12936	0.026172		
-7.00000	-13.00000	99.00000	0.12365	0.22964	0.038233		
-6.00000	-13.00000	99.00000	0.15237	0.33014	0.048783		
-5.00000	-13.00000	99.00000	0.16468	0.42817	0.059522		
-4.00000	-13.00000	99.00000	0.16013	0.52044	0.070847		
-3.00000	-13.00000	99.00000	0.13918	0.60312	0.082210		
-2.00000	-13.00000	99.00000	0.10341	0.67214	0.092515		
-1.00000	-13.00000	99.00000	0.055654	0.72351	0.10050		
0.00000	-13.00000	99.00000	0.0	0.75375	0.10507		
1.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
2.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
3.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
4.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
5.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
6.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
7.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
8.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
9.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
10.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
11.00000	-13.00000	99.00000	0.013937	1.1451	0.16276		
12.00000	-13.00000	99.00000	0.054219	1.2131	0.17464		
13.00000	-13.00000	99.00000	0.089126	1.2905	0.18437		
14.00000	-13.00000	99.00000	0.11599	1.3763	0.19395		
15.00000	-13.00000	99.00000	0.13209	1.4684	0.20456		
16.00000	-13.00000	99.00000	0.13500	1.5638	0.21654		
17.00000	-13.00000	99.00000	0.12300	1.6580	0.22947		
18.00000	-13.00000	99.00000	0.095518	1.7459	0.24227		
19.00000	-13.00000	99.00000	0.053573	1.8214	0.25355		
20.00000	-13.00000	99.00000	0.0	1.5075	0.21013		
21.00000	-13.00000	99.00000	-0.053573	1.8214	0.25355		
22.00000	-13.00000	99.00000	-0.095518	1.7459	0.24227		
23.00000	-13.00000	99.00000	-0.12300	1.6580	0.22947		
24.00000	-13.00000	99.00000	-0.13500	1.5638	0.21654		
25.00000	-13.00000	99.00000	-0.13209	1.4684	0.20456		
26.00000	-13.00000	99.00000	-0.11599	1.3763	0.19395		
27.00000	-13.00000	99.00000	-0.089126	1.2905	0.18437		
28.00000	-13.00000	99.00000	-0.054219	1.2131	0.17464		
29.00000	-13.00000	99.00000	-0.013937	1.1451	0.16276		
30.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
31.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
32.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
33.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
34.00000	-13.00000	99.00000	0.0	1.1250	0.15682		
35.00000	-13.00000	99.00000	0.0	0.75375	0.10507		
36.00000	-13.00000	99.00000	-0.055654	0.72351	0.10050		
37.00000	-13.00000	99.00000	-0.10341	0.67214	0.092515		
38.00000	-13.00000	99.00000	-0.13918	0.60312	0.082210		
39.00000	-13.00000	99.00000	-0.16013	0.52044	0.070847		
40.00000	-13.00000	99.00000	-0.16468	0.42817	0.059522		
41.00000	-13.00000	99.00000	-0.15237	0.33014	0.048783		
42.00000	-13.00000	99.00000	-0.12365	0.22964	0.038233		
43.00000	-13.00000	99.00000	-0.079607	0.12936	0.026172		
44.00000	-13.00000	99.00000	-0.021697	0.031340	0.0092591		
45.00000	-13.00000	99.00000	0.0	0.0	0.0		
46.00000	-13.00000	99.00000	0.0	0.0	0.0		
47.00000	-13.00000	99.00000	0.0	0.0	0.0		
48.00000	-13.00000	99.00000	0.0	0.0	0.0		
49.00000	-13.00000	99.00000	0.0	0.0	0.0		
50.00000	-13.00000	99.00000	0.0	0.0	0.0		
51.00000	-13.00000	99.00000	0.0	0.0	0.0		
52.00000	-13.00000	99.00000	0.0	0.0	0.0		
53.00000	-13.00000	99.00000	0.0	0.0	0.0		
54.00000	-13.00000	99.00000	0.0	0.0	0.0		
55.00000	-13.00000	99.00000	0.0	0.0	0.0		
56.00000	-13.00000	99.00000	0.0	0.0	0.0		
57.00000	-13.00000	99.00000	0.0	0.0	0.0		
58.00000	-13.00000	99.00000	0.0	0.0	0.0		
59.00000	-13.00000	99.00000	0.0	0.0	0.0		
60.00000	-13.00000	99.00000	0.0	0.0	0.0		
61.00000	-13.00000	99.00000	0.0	0.0	0.0		
62.00000	-13.00000	99.00000	0.0	0.0	0.0		
63.00000	-13.00000	99.00000	0.0	0.0	0.0		
64.00000	-13.00000	99.00000	0.0	0.0	0.0		
65.00000	-13.00000	99.00000	0.0	0.0	0.0		
-30.00000	-12.00000	99.00000	0.0	0.0	0.0		
-29.00000	-12.00000	99.00000	0.0	0.0	0.0		
-28.00000	-12.00000	99.00000	0.0	0.0	0.0		
-27.00000	-12.00000	99.00000	0.0	0.0	0.0		
-26.00000	-12.00000	99.00000	0.0	0.0	0.0		
-25.00000	-12.00000	99.00000	0.0	0.0	0.0		
-24.00000	-12.00000	99.00000	0.0	0.0	0.0		
-23.00000	-12.00000	99.00000	0.0	0.0	0.0		
-22.00000	-12.00000	99.00000	0.0	0.0	0.0		
-21.00000	-12.00000	99.00000	0.0	0.0	0.0		
-20.00000	-12.00000	99.00000	0.0	0.0	0.0		
-19.00000	-12.00000	99.00000	0.0	0.0	0.0		
-18.00000	-12.00000	99.00000	0.0	0.0	0.0		
-17.00000	-12.00000	99.00000	0.0	0.0	0.0		
-16.00000	-12.00000	99.00000	0.0	0.0	0.0		
-15.00000	-12.00000	99.00000	0.0	0.0	0.0		
-14.00000	-12.00000	99.00000	0.0	0.0	0.0		
-13.00000	-12.00000	99.00000	0.0	0.0	0.0		
-12.00000	-12.00000	99.00000	0.0	0.0	0.0		
-11.00000	-12.00000	99.00000	0.0	0.0	0.0		
-10.00000	-12.00000	99.00000	0.047341	0.056809	0.015158		
-9.00000	-12.00000	99.00000	0.113941	0.15921	0.031214		
-8.00000	-12.00000	99.00000	0.17812	0.26719	0.043774		
-7.00000	-12.00000	99.00000	0.22129	0.37936	0.056924		
-6.00000	-12.00000	99.00000	0.24682	0.49363	0.072756		
-5.00000	-12.00000	99.00000	0.25293	0.60703	0.091666		
-4.00000	-12.00000	99.00000	0.23856	0.71859	0.11272		
-3.00000	-12.00000	99.00000	0.20373	0.81493	0.13405		
-2.00000	-12.00000	99.00000	0.14993	0.89960	0.15331		
-1.00000	-12.00000	99.00000	0.080374	0.96449	0.16812		
0.00000	-12.00000	99.00000	0.0	1.0050	0.17654		
1.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
2.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
3.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
4.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
5.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
6.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
7.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
8.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
9.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
10.00000	-12.00000	99.00000	0.027194	1.5326	0.27221		
11.00000	-12.00000	99.00000	0.073323	1.5978	0.28267		
12.00000	-12.00000	99.00000	0.11670	1.6750	0.29218		
13.00000	-12.00000	99.00000	0.15436	1.7646	0.30320		
14.00000	-12.00000	99.00000	0.18287	1.8657	0.31741		
15.00000	-12.00000	99.00000	0.19855	1.9765	0.33546		
16.00000	-12.00000	99.00000	0.19786	2.0936	0.35699		
17.00000	-12.00000	99.00000	0.17798	2.2119	0.38061		
18.00000	-12.00000	99.00000	0.13751	2.3250	0.40410		
19.00000	-12.00000	99.00000	0.077112	2.4253	0.42480		
20.00000	-12.00000	99.00000	0.0	2.0100	0.35309		
21.00000	-12.00000	99.00000	-0.077112	2.4253	0.42480		
22.00000	-12.00000	99.00000	-0.13751	2.3250	0.40410		
23.00000	-12.00000	99.00000	-0.17798	2.2119	0.38061		
24.00000	-12.00000	99.00000	-0.19786	2.0936	0.35699		
25.00000	-12.00000	99.00000	-0.19855	1.9765	0.33546		
26.00000	-12.00000	99.00000	-0.18287	1.8657	0.31741		
27.00000	-12.00000	99.00000	-0.15436	1.7646	0.30320		
28.00000	-12.00000	99.00000	-0.11670	1.6750	0.29218		
29.00000	-12.00000	99.00000	-0.073323	1.5978	0.28267		
30.00000	-12.00000	99.00000	-0.027194	1.5326	0.27221		
31.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
32.00000	-12.00000	99.00000	0.0	1.5000	0.26350		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
33.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
34.00000	-12.00000	99.00000	0.0	1.5000	0.26350		
35.00000	-12.00000	99.00000	0.0	1.0050	0.17654		
36.00000	-12.00000	99.00000	-0.080374	0.96449	0.16812		
37.00000	-12.00000	99.00000	-0.14993	0.89960	0.15331		
38.00000	-12.00000	99.00000	-0.20373	0.81493	0.13405		
39.00000	-12.00000	99.00000	-0.23856	0.71569	0.11272		
40.00000	-12.00000	99.00000	-0.25293	0.60703	0.091666		
41.00000	-12.00000	99.00000	-0.24682	0.49363	0.072756		
42.00000	-12.00000	99.00000	-0.22129	0.37936	0.056924		
43.00000	-12.00000	99.00000	0.17812	0.26719	0.043774		
44.00000	-12.00000	99.00000	-0.11941	0.15921	0.031214		
45.00000	-12.00000	99.00000	-0.047341	0.056809	0.015158		
46.00000	-12.00000	99.00000	0.0	0.0	0.0		
47.00000	-12.00000	99.00000	0.0	0.0	0.0		
48.00000	-12.00000	99.00000	0.0	0.0	0.0		
49.00000	-12.00000	99.00000	0.0	0.0	0.0		
50.00000	-12.00000	99.00000	0.0	0.0	0.0		
51.00000	-12.00000	99.00000	0.0	0.0	0.0		
52.00000	-12.00000	99.00000	0.0	0.0	0.0		
53.00000	-12.00000	99.00000	0.0	0.0	0.0		
54.00000	-12.00000	99.00000	0.0	0.0	0.0		
55.00000	-12.00000	99.00000	0.0	0.0	0.0		
56.00000	-12.00000	99.00000	0.0	0.0	0.0		
57.00000	-12.00000	99.00000	0.0	0.0	0.0		
58.00000	-12.00000	99.00000	0.0	0.0	0.0		
59.00000	-12.00000	99.00000	0.0	0.0	0.0		
60.00000	-12.00000	99.00000	0.0	0.0	0.0		
61.00000	-12.00000	99.00000	0.0	0.0	0.0		
62.00000	-12.00000	99.00000	0.0	0.0	0.0		
63.00000	-12.00000	99.00000	0.0	0.0	0.0		
64.00000	-12.00000	99.00000	0.0	0.0	0.0		
65.00000	-12.00000	99.00000	0.0	0.0	0.0		
-30.00000	-11.00000	99.00000	0.0	0.0	0.0		
-29.00000	-11.00000	99.00000	0.0	0.0	0.0		
-28.00000	-11.00000	99.00000	0.0	0.0	0.0		
-27.00000	-11.00000	99.00000	0.0	0.0	0.0		
-26.00000	-11.00000	99.00000	0.0	0.0	0.0		
-25.00000	-11.00000	99.00000	0.0	0.0	0.0		
-24.00000	-11.00000	99.00000	0.0	0.0	0.0		
-23.00000	-11.00000	99.00000	0.0	0.0	0.0		
-22.00000	-11.00000	99.00000	0.0	0.0	0.0		
-21.00000	-11.00000	99.00000	0.0	0.0	0.0		
-20.00000	-11.00000	99.00000	0.0	0.0	0.0		
-19.00000	-11.00000	99.00000	0.0	0.0	0.0		
-18.00000	-11.00000	99.00000	0.0	0.0	0.0		
-17.00000	-11.00000	99.00000	0.0	0.0	0.0		
-16.00000	-11.00000	99.00000	0.0	0.0	0.0		
-15.00000	-11.00000	99.00000	0.0	0.0	0.0		
-14.00000	-11.00000	99.00000	0.0	0.0	0.0		
-13.00000	-11.00000	99.00000	0.0	0.0	0.0		
-12.00000	-11.00000	99.00000	0.0	0.0	0.0		
-11.00000	-11.00000	99.00000	0.058820	0.058820	0.016413		
-10.00000	-11.00000	99.00000	0.14596	0.16056	0.032690		
-9.00000	-11.00000	99.00000	0.22137	0.27056	0.046292		
-8.00000	-11.00000	99.00000	0.28245	0.38837	0.062480		
-7.00000	-11.00000	99.00000	0.32635	0.51283	0.084184		
-6.00000	-11.00000	99.00000	0.35014	0.64192	0.11225		
-5.00000	-11.00000	99.00000	0.35111	0.77244	0.14577		
-4.00000	-11.00000	99.00000	0.32725	0.89994	0.18242		
-3.00000	-11.00000	99.00000	0.27783	1.0187	0.21894		
-2.00000	-11.00000	99.00000	0.20403	1.1222	0.25160		
-1.00000	-11.00000	99.00000	0.10940	1.2034	0.27674		
0.00000	-11.00000	99.00000	0.0	1.2562	0.29132		
1.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
2.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
3.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
4.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
5.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
6.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
7.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
8.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
9.00000	-11.00000	99.00000	0.029410	1.9044	0.44302		
10.00000	-11.00000	99.00000	0.078788	1.9617	0.45246		
11.00000	-11.00000	99.00000	0.12873	2.0323	0.46173		
12.00000	-11.00000	99.00000	0.17656	2.1178	0.47387		
13.00000	-11.00000	99.00000	0.21879	2.2188	0.49125		
14.00000	-11.00000	99.00000	0.25110	2.3353	0.51531		
15.00000	-11.00000	99.00000	0.26857	2.4658	0.54631		
16.00000	-11.00000	99.00000	0.26614	2.6069	0.58317		
17.00000	-11.00000	99.00000	0.23938	2.7527	0.62345		
18.00000	-11.00000	99.00000	0.18552	2.8954	0.66359		
19.00000	-11.00000	99.00000	0.10455	3.0250	0.69927		
20.00000	-11.00000	99.00000	0.0	2.5125	0.58265		
21.00000	-11.00000	99.00000	-0.10455	3.0250	0.69927		
22.00000	-11.00000	99.00000	-0.18552	2.8954	0.66359		
23.00000	-11.00000	99.00000	-0.23938	2.7527	0.62345		
24.00000	-11.00000	99.00000	-0.26614	2.6069	0.58317		
25.00000	-11.00000	99.00000	-0.26857	2.4658	0.54631		
26.00000	-11.00000	99.00000	-0.25110	2.3353	0.51531		
27.00000	-11.00000	99.00000	-0.21879	2.2188	0.49125		
28.00000	-11.00000	99.00000	-0.17656	2.1178	0.47387		
29.00000	-11.00000	99.00000	-0.12873	2.0323	0.46173		
30.00000	-11.00000	99.00000	-0.078788	1.9617	0.45246		
31.00000	-11.00000	99.00000	-0.029410	1.9044	0.44302		
32.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
33.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
34.00000	-11.00000	99.00000	0.0	1.8750	0.43481		
35.00000	-11.00000	99.00000	0.0	1.2562	0.29132		
36.00000	-11.00000	99.00000	-0.10940	1.2034	0.27674		
37.00000	-11.00000	99.00000	-0.20403	1.1222	0.25160		
38.00000	-11.00000	99.00000	-0.27783	1.0187	0.21894		
39.00000	-11.00000	99.00000	-0.32725	0.89994	0.18242		
40.00000	-11.00000	99.00000	-0.35111	0.77244	0.14577		
41.00000	-11.00000	99.00000	-0.35014	0.64192	0.11225		
42.00000	-11.00000	99.00000	-0.32635	0.51283	0.084184		
43.00000	-11.00000	99.00000	-0.28245	0.38837	0.062480		
44.00000	-11.00000	99.00000	-0.22137	0.27056	0.046292		
45.00000	-11.00000	99.00000	-0.14596	0.16056	0.032690		
46.00000	-11.00000	99.00000	-0.058820	0.058820	0.016413		
47.00000	-11.00000	99.00000	0.0	0.0	0.0		
48.00000	-11.00000	99.00000	0.0	0.0	0.0		
49.00000	-11.00000	99.00000	0.0	0.0	0.0		
50.00000	-11.00000	99.00000	0.0	0.0	0.0		
51.00000	-11.00000	99.00000	0.0	0.0	0.0		
52.00000	-11.00000	99.00000	0.0	0.0	0.0		
53.00000	-11.00000	99.00000	0.0	0.0	0.0		
54.00000	-11.00000	99.00000	0.0	0.0	0.0		
55.00000	-11.00000	99.00000	0.0	0.0	0.0		
56.00000	-11.00000	99.00000	0.0	0.0	0.0		
57.00000	-11.00000	99.00000	0.0	0.0	0.0		
58.00000	-11.00000	99.00000	0.0	0.0	0.0		
59.00000	-11.00000	99.00000	0.0	0.0	0.0		
60.00000	-11.00000	99.00000	0.0	0.0	0.0		
61.00000	-11.00000	99.00000	0.0	0.0	0.0		
62.00000	-11.00000	99.00000	0.0	0.0	0.0		
63.00000	-11.00000	99.00000	0.0	0.0	0.0		
64.00000	-11.00000	99.00000	0.0	0.0	0.0		
65.00000	-11.00000	99.00000	0.0	0.0	0.0		
-30.00000	-10.00000	99.00000	0.0	0.0	0.0		
-29.00000	-10.00000	99.00000	0.0	0.0	0.0		
-28.00000	-10.00000	99.00000	0.0	0.0	0.0		
-27.00000	-10.00000	99.00000	0.0	0.0	0.0		
-26.00000	-10.00000	99.00000	0.0	0.0	0.0		
-25.00000	-10.00000	99.00000	0.0	0.0	0.0		
-24.00000	-10.00000	99.00000	0.0	0.0	0.0		
-23.00000	-10.00000	99.00000	0.0	0.0	0.0		
-22.00000	-10.00000	99.00000	0.0	0.0	0.0		
-21.00000	-10.00000	99.00000	0.0	0.0	0.0		
-20.00000	-10.00000	99.00000	0.0	0.0	0.0		
-19.00000	-10.00000	99.00000	0.0	0.0	0.0		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-18.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-14.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-13.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-12.00000	-10.00000	99.00000	0.056809	0.047341	0.015158	
	-11.00000	-10.00000	99.00000	0.16056	0.14596	0.032690	
	-10.00000	-10.00000	99.00000	0.24632	0.24632	0.045803	
	-9.00000	-10.00000	99.00000	0.32666	0.36296	0.064164	
	-8.00000	-10.00000	99.00000	0.39201	0.49001	0.090699	
	-7.00000	-10.00000	99.00000	0.43873	0.62676	0.12724	
	-6.00000	-10.00000	99.00000	0.46287	0.77145	0.17344	
	-5.00000	-10.00000	99.00000	0.46043	0.92086	0.22711	
	-4.00000	-10.00000	99.00000	0.42800	1.0700	0.28456	
	-3.00000	-10.00000	99.00000	0.36359	1.2120	0.34109	
	-2.00000	-10.00000	99.00000	0.26766	1.3383	0.39149	
	-1.00000	-10.00000	99.00000	0.14397	1.4397	0.43066	
	0.00000	-10.00000	99.00000	0.0	1.5075	0.45425	
	1.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	2.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	3.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	4.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	5.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	6.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	7.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	8.00000	-10.00000	99.00000	0.024177	2.2701	0.68444	
	9.00000	-10.00000	99.00000	0.073895	2.3172	0.69303	
	10.00000	-10.00000	99.00000	0.12316	2.3732	0.70089	
	11.00000	-10.00000	99.00000	0.17766	2.4474	0.71288	
	12.00000	-10.00000	99.00000	0.23132	2.5391	0.73150	
	13.00000	-10.00000	99.00000	0.28014	2.6502	0.75923	
	14.00000	-10.00000	99.00000	0.31889	2.7815	0.79748	
	15.00000	-10.00000	99.00000	0.34114	2.9323	0.84625	
	16.00000	-10.00000	99.00000	0.33979	3.0995	0.90389	
	17.00000	-10.00000	99.00000	0.30801	3.2767	0.96693	
	18.00000	-10.00000	99.00000	0.24085	3.4542	1.0303	
	19.00000	-10.00000	99.00000	0.13692	3.6192	1.0876	
	20.00000	-10.00000	99.00000	0.0	3.0150	0.90850	
	21.00000	-10.00000	99.00000	-0.13692	3.6192	1.0876	
	22.00000	-10.00000	99.00000	-0.24085	3.4542	1.0303	
	23.00000	-10.00000	99.00000	-0.30801	3.2767	0.96693	
	24.00000	-10.00000	99.00000	-0.33979	3.0995	0.90389	
	25.00000	-10.00000	99.00000	-0.34114	2.9323	0.84625	
	26.00000	-10.00000	99.00000	-0.31889	2.7815	0.79748	
	27.00000	-10.00000	99.00000	-0.28014	2.6502	0.75923	
	28.00000	-10.00000	99.00000	-0.23132	2.5391	0.73150	
	29.00000	-10.00000	99.00000	-0.17766	2.4474	0.71288	
	30.00000	-10.00000	99.00000	-0.12316	2.3732	0.70089	
	31.00000	-10.00000	99.00000	-0.073895	2.3172	0.69303	
	32.00000	-10.00000	99.00000	-0.024177	2.2701	0.68444	
	33.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	34.00000	-10.00000	99.00000	0.0	2.2500	0.67798	
	35.00000	-10.00000	99.00000	0.0	1.5075	0.45425	
	36.00000	-10.00000	99.00000	-0.14397	1.4397	0.43066	
	37.00000	-10.00000	99.00000	-0.26766	1.3383	0.39149	
	38.00000	-10.00000	99.00000	-0.36359	1.2120	0.34109	
	39.00000	-10.00000	99.00000	-0.42800	1.0700	0.28456	
	40.00000	-10.00000	99.00000	-0.46043	0.92086	0.22711	
	41.00000	-10.00000	99.00000	-0.46287	0.77145	0.17344	
	42.00000	-10.00000	99.00000	-0.43873	0.62676	0.12724	
	43.00000	-10.00000	99.00000	-0.39201	0.49001	0.090699	
	44.00000	-10.00000	99.00000	-0.32666	0.36296	0.064164	
	45.00000	-10.00000	99.00000	-0.24632	0.24632	0.045803	
	46.00000	-10.00000	99.00000	-0.16056	0.14596	0.032690	
	47.00000	-10.00000	99.00000	-0.056809	0.047341	0.015158	
	48.00000	-10.00000	99.00000	0.0	0.0	0.0	
	49.00000	-10.00000	99.00000	0.0	0.0	0.0	
	50.00000	-10.00000	99.00000	0.0	0.0	0.0	
	51.00000	-10.00000	99.00000	0.0	0.0	0.0	
	52.00000	-10.00000	99.00000	0.0	0.0	0.0	
	53.00000	-10.00000	99.00000	0.0	0.0	0.0	
	54.00000	-10.00000	99.00000	0.0	0.0	0.0	
	55.00000	-10.00000	99.00000	0.0	0.0	0.0	
	56.00000	-10.00000	99.00000	0.0	0.0	0.0	
	57.00000	-10.00000	99.00000	0.0	0.0	0.0	
	58.00000	-10.00000	99.00000	0.0	0.0	0.0	
	59.00000	-10.00000	99.00000	0.0	0.0	0.0	
	60.00000	-10.00000	99.00000	0.0	0.0	0.0	
	61.00000	-10.00000	99.00000	0.0	0.0	0.0	
	62.00000	-10.00000	99.00000	0.0	0.0	0.0	
	63.00000	-10.00000	99.00000	0.0	0.0	0.0	
	64.00000	-10.00000	99.00000	0.0	0.0	0.0	
	65.00000	-10.00000	99.00000	0.0	0.0	0.0	
	-30.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-29.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-28.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-27.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-26.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-25.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-24.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-23.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-22.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-21.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-20.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-19.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-18.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-14.00000	-9.00000	99.00000	0.0	0.0	0.0	
	-13.00000	-9.00000	99.00000	0.031340	0.021697	0.0092591	
	-12.00000	-9.00000	99.00000	0.15921	0.11941	0.031214	
	-11.00000	-9.00000	99.00000	0.27056	0.22137	0.046292	
	-10.00000	-9.00000	99.00000	0.36296	0.36296	0.064164	
	-9.00000	-9.00000	99.00000	0.43382	0.43382	0.090120	
	-8.00000	-9.00000	99.00000	0.50563	0.56884	0.13221	
	-7.00000	-9.00000	99.00000	0.55782	0.71719	0.18839	
	-6.00000	-9.00000	99.00000	0.58517	0.87775	0.25723	
	-5.00000	-9.00000	99.00000	0.58201	1.0476	0.33535	
	-4.00000	-9.00000	99.00000	0.54287	1.2215	0.41777	
	-3.00000	-9.00000	99.00000	0.46370	1.3911	0.49841	
	-2.00000	-9.00000	99.00000	0.34345	1.5455	0.57056	
	-1.00000	-9.00000	99.00000	0.18580	1.6722	0.62756	
	0.00000	-9.00000	99.00000	0.0	1.7587	0.66352	
	1.00000	-9.00000	99.00000	0.0	2.6250	0.99033	
	2.00000	-9.00000	99.00000	0.0	2.6250	0.99033	
	3.00000	-9.00000	99.00000	0.0	2.6250	0.99033	
	4.00000	-9.00000	99.00000	0.0	2.6250	0.99033	
	5.00000	-9.00000	99.00000	0.0	2.6250	0.99033	
	6.00000	-9.00000	99.00000	0.0	2.6250	0.99033	
	7.00000	-9.00000	99.00000	0.011209	2.6328	0.99364	
	8.00000	-9.00000	99.00000	0.061450	2.6711	1.0024	
	9.00000	-9.00000	99.00000	0.11323	2.7176	1.0097	
	10.00000	-9.00000	99.00000	0.16556	2.7740	1.0196	
	11.00000	-9.00000	99.00000	0.21691	2.8419	1.0354	
	12.00000	-9.00000	99.00000	0.27753	2.9372	1.0629	
	13.00000	-9.00000	99.00000	0.33506	3.0558	1.1035	
	14.00000	-9.00000	99.00000	0.38336	3.2000	1.1589	
	15.00000	-9.00000	99.00000	0.41432	3.3708	1.2291	
	16.00000	-9.00000	99.00000	0.41815	3.5658	1.3121	
	17.00000	-9.00000	99.00000	0.38459	3.7788	1.4037	
	18.00000	-9.00000	99.00000	0.30506	3.9978	1.4971	
	19.00000	-9.00000	99.00000	0.17567	4.2060	1.5837	
	20.00000	-9.00000	99.00000	0.0	3.5175	1.3270	
	21.00000	-9.00000	99.00000	-0.17567	4.2060	1.5837	
	22.00000	-9.00000	99.00000	-0.30506	3.9978	1.4971	
	23.00000	-9.00000	99.00000	-0.38459	3.7788	1.4037	
	24.00000	-9.00000	99.00000	-0.41815	3.5658	1.3121	
	25.00000	-9.00000	99.00000	-0.41432	3.3708	1.2291	
	26.00000	-9.00000	99.00000	-0.38336	3.2000	1.1589	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist.	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	27.00000	-9.00000	99.00000	0.00000	-0.33506	3.0558	1.1035
	28.00000	-9.00000	99.00000	0.00000	-0.27753	2.9372	1.0629
	29.00000	-9.00000	99.00000	0.00000	-0.21691	2.8419	1.0354
	30.00000	-9.00000	99.00000	0.00000	-0.16556	2.7740	1.0196
	31.00000	-9.00000	99.00000	0.00000	-0.11323	2.7176	1.0097
	32.00000	-9.00000	99.00000	0.00000	-0.061450	2.6711	1.0024
	33.00000	-9.00000	99.00000	0.00000	-0.011209	2.6328	0.99364
	34.00000	-9.00000	99.00000	0.00000	0.0	2.6250	0.99033
	35.00000	-9.00000	99.00000	0.00000	0.0	1.7587	0.66352
	36.00000	-9.00000	99.00000	0.00000	-0.18580	1.6722	0.62756
	37.00000	-9.00000	99.00000	0.00000	-0.34345	1.5455	0.57056
	38.00000	-9.00000	99.00000	0.00000	-0.46370	1.3911	0.49841
	39.00000	-9.00000	99.00000	0.00000	-0.54287	1.2215	0.41777
	40.00000	-9.00000	99.00000	0.00000	-0.58201	1.0476	0.33535
	41.00000	-9.00000	99.00000	0.00000	-0.58517	0.87775	0.25723
	42.00000	-9.00000	99.00000	0.00000	-0.55782	0.71719	0.18839
	43.00000	-9.00000	99.00000	0.00000	-0.50563	0.56884	0.13221
	44.00000	-9.00000	99.00000	0.00000	-0.43382	0.43382	0.090120
	45.00000	-9.00000	99.00000	0.00000	-0.36296	0.32666	0.064164
	46.00000	-9.00000	99.00000	0.00000	-0.27056	0.22137	0.046292
	47.00000	-9.00000	99.00000	0.00000	-0.15921	0.11941	0.031214
	48.00000	-9.00000	99.00000	0.00000	-0.031340	0.021697	0.0092591
	49.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	50.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	51.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	52.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	53.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	54.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	55.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	56.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	57.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	58.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	59.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	60.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	61.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	62.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	63.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	64.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	65.00000	-9.00000	99.00000	0.00000	0.0	0.0	0.0
	-30.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-29.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-28.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-27.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-26.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-25.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-24.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-23.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-22.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-21.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-20.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-19.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-18.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-17.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-16.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-15.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-14.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	-13.00000	-8.00000	99.00000	0.00000	0.12936	0.079607	0.026172
	-12.00000	-8.00000	99.00000	0.00000	0.26719	0.17812	0.043774
	-11.00000	-8.00000	99.00000	0.00000	0.38837	0.28245	0.062480
	-10.00000	-8.00000	99.00000	0.00000	0.49001	0.39201	0.090699
	-9.00000	-8.00000	99.00000	0.00000	0.56884	0.50563	0.13221
	-8.00000	-8.00000	99.00000	0.00000	0.62132	0.62132	0.18674
	-7.00000	-8.00000	99.00000	0.00000	0.68212	0.77957	0.26559
	-6.00000	-8.00000	99.00000	0.00000	0.71646	0.95528	0.35982
	-5.00000	-8.00000	99.00000	0.00000	0.71656	1.14465	0.46500
	-4.00000	-8.00000	99.00000	0.00000	0.67405	1.3481	0.57509
	-3.00000	-8.00000	99.00000	0.00000	0.58153	1.5507	0.68277
	-2.00000	-8.00000	99.00000	0.00000	0.43510	1.7404	0.77998
	-1.00000	-8.00000	99.00000	0.00000	0.23743	1.8995	0.85851
	0.00000	-8.00000	99.00000	0.00000	0.0	2.0100	0.91069
	1.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	2.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	3.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	4.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	5.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	6.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	7.00000	-8.00000	99.00000	0.00000	0.041257	3.0254	1.3676
	8.00000	-8.00000	99.00000	0.00000	0.092143	3.0614	1.3743
	9.00000	-8.00000	99.00000	0.00000	0.14559	3.1059	1.3827
	10.00000	-8.00000	99.00000	0.00000	0.20086	3.1607	1.3964
	11.00000	-8.00000	99.00000	0.00000	0.25661	3.2281	1.4189
	12.00000	-8.00000	99.00000	0.00000	0.31066	3.3107	1.4526
	13.00000	-8.00000	99.00000	0.00000	0.37871	3.4328	1.5067
	14.00000	-8.00000	99.00000	0.00000	0.43994	3.5866	1.5802
	15.00000	-8.00000	99.00000	0.00000	0.48452	3.7752	1.6737
	16.00000	-8.00000	99.00000	0.00000	0.49942	3.9988	1.7853
	17.00000	-8.00000	99.00000	0.00000	0.46941	4.2518	1.9104
	18.00000	-8.00000	99.00000	0.00000	0.38011	4.5204	2.0406
	19.00000	-8.00000	99.00000	0.00000	0.22282	4.7825	2.1649
	20.00000	-8.00000	99.00000	0.00000	0.0	4.0200	1.8214
	21.00000	-8.00000	99.00000	0.00000	-0.22282	4.7825	2.1649
	22.00000	-8.00000	99.00000	0.00000	-0.38011	4.5204	2.0406
	23.00000	-8.00000	99.00000	0.00000	-0.46941	4.2518	1.9104
	24.00000	-8.00000	99.00000	0.00000	-0.49942	3.9988	1.7853
	25.00000	-8.00000	99.00000	0.00000	-0.48452	3.7752	1.6737
	26.00000	-8.00000	99.00000	0.00000	-0.43994	3.5866	1.5802
	27.00000	-8.00000	99.00000	0.00000	-0.37871	3.4328	1.5067
	28.00000	-8.00000	99.00000	0.00000	-0.31066	3.3107	1.4526
	29.00000	-8.00000	99.00000	0.00000	-0.25661	3.2281	1.4189
	30.00000	-8.00000	99.00000	0.00000	-0.20086	3.1607	1.3964
	31.00000	-8.00000	99.00000	0.00000	-0.14559	3.1059	1.3827
	32.00000	-8.00000	99.00000	0.00000	-0.092143	3.0614	1.3743
	33.00000	-8.00000	99.00000	0.00000	-0.041257	3.0254	1.3676
	34.00000	-8.00000	99.00000	0.00000	0.0	3.0000	1.3592
	35.00000	-8.00000	99.00000	0.00000	0.0	2.0100	0.91069
	36.00000	-8.00000	99.00000	0.00000	-0.23743	1.8995	0.85851
	37.00000	-8.00000	99.00000	0.00000	-0.43510	1.7404	0.77998
	38.00000	-8.00000	99.00000	0.00000	-0.58153	1.5507	0.68277
	39.00000	-8.00000	99.00000	0.00000	-0.67405	1.3481	0.57509
	40.00000	-8.00000	99.00000	0.00000	-0.71656	1.14465	0.46500
	41.00000	-8.00000	99.00000	0.00000	-0.71646	0.95528	0.35982
	42.00000	-8.00000	99.00000	0.00000	-0.68212	0.77957	0.26559
	43.00000	-8.00000	99.00000	0.00000	-0.62132	0.62132	0.18674
	44.00000	-8.00000	99.00000	0.00000	-0.56884	0.50563	0.13221
	45.00000	-8.00000	99.00000	0.00000	-0.49001	0.39201	0.090699
	46.00000	-8.00000	99.00000	0.00000	-0.38837	0.28245	0.062480
	47.00000	-8.00000	99.00000	0.00000	-0.26719	0.17812	0.043774
	48.00000	-8.00000	99.00000	0.00000	-0.12936	0.079607	0.026172
	49.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	50.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	51.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	52.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	53.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	54.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	55.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	56.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	57.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	58.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	59.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	60.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	61.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	62.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0
	63.00000	-8.00000	99.00000	0.00000	0.0	0.0	0.0



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-24.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-23.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-22.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-21.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-20.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-19.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-18.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-14.00000	-7.00000	99.00000	0.066399	0.033200	0.015541	
	-13.00000	-7.00000	99.00000	0.22964	0.12365	0.038233	
	-12.00000	-7.00000	99.00000	0.37936	0.22129	0.056924	
	-11.00000	-7.00000	99.00000	0.51283	0.32635	0.084184	
	-10.00000	-7.00000	99.00000	0.62676	0.43873	0.12724	
	-9.00000	-7.00000	99.00000	0.71719	0.55782	0.18839	
	-8.00000	-7.00000	99.00000	0.77957	0.68212	0.26559	
	-7.00000	-7.00000	99.00000	0.80882	0.80882	0.35319	
	-6.00000	-7.00000	99.00000	0.85487	0.99735	0.47338	
	-5.00000	-7.00000	99.00000	0.86385	1.2094	0.60609	
	-4.00000	-7.00000	99.00000	0.82353	1.4412	0.74443	
	-3.00000	-7.00000	99.00000	0.72126	1.6829	0.88028	
	-2.00000	-7.00000	99.00000	0.54777	1.9172	1.0046	
	-1.00000	-7.00000	99.00000	0.30272	2.1190	1.1079	
	0.00000	-7.00000	99.00000	0.0	2.2612	1.1807	
	1.00000	-7.00000	99.00000	0.0	3.3750	1.7622	
	2.00000	-7.00000	99.00000	0.0	3.3750	1.7622	
	3.00000	-7.00000	99.00000	0.0	3.3750	1.7622	
	4.00000	-7.00000	99.00000	0.0	3.3750	1.7622	
	5.00000	-7.00000	99.00000	0.0	3.3750	1.7622	
	6.00000	-7.00000	99.00000	0.017203	3.3836	1.7662	
	7.00000	-7.00000	99.00000	0.064121	3.4095	1.7728	
	8.00000	-7.00000	99.00000	0.11475	3.4419	1.7794	
	9.00000	-7.00000	99.00000	0.16902	3.4826	1.7899	
	10.00000	-7.00000	99.00000	0.22655	3.5336	1.8082	
	11.00000	-7.00000	99.00000	0.28640	3.5978	1.8374	
	12.00000	-7.00000	99.00000	0.34675	3.6784	1.8803	
	13.00000	-7.00000	99.00000	0.40441	3.7794	1.9388	
	14.00000	-7.00000	99.00000	0.48162	3.9369	2.0289	
	15.00000	-7.00000	99.00000	0.54551	4.1387	2.1449	
	16.00000	-7.00000	99.00000	0.57948	4.3891	2.2860	
	17.00000	-7.00000	99.00000	0.56164	4.6855	2.4476	
	18.00000	-7.00000	99.00000	0.46819	5.0137	2.6208	
	19.00000	-7.00000	99.00000	0.28133	5.3443	2.7918	
	20.00000	-7.00000	99.00000	0.0	4.5225	2.3613	
	21.00000	-7.00000	99.00000	-0.28133	5.3443	2.7918	
	22.00000	-7.00000	99.00000	-0.46819	5.0137	2.6208	
	23.00000	-7.00000	99.00000	-0.56164	4.6855	2.4476	
	24.00000	-7.00000	99.00000	-0.57948	4.3891	2.2860	
	25.00000	-7.00000	99.00000	-0.54551	4.1387	2.1449	
	26.00000	-7.00000	99.00000	-0.48162	3.9369	2.0289	
	27.00000	-7.00000	99.00000	-0.40441	3.7794	1.9388	
	28.00000	-7.00000	99.00000	-0.34675	3.6784	1.8803	
	29.00000	-7.00000	99.00000	-0.28640	3.5978	1.8374	
	30.00000	-7.00000	99.00000	-0.22655	3.5336	1.8082	
	31.00000	-7.00000	99.00000	-0.16902	3.4826	1.7899	
	32.00000	-7.00000	99.00000	-0.11475	3.4419	1.7794	
	33.00000	-7.00000	99.00000	-0.064121	3.4095	1.7728	
	34.00000	-7.00000	99.00000	-0.017203	3.3836	1.7662	
	35.00000	-7.00000	99.00000	0.0	2.2612	1.1807	
	36.00000	-7.00000	99.00000	-0.30272	2.1190	1.1079	
	37.00000	-7.00000	99.00000	-0.54777	1.9172	1.0046	
	38.00000	-7.00000	99.00000	-0.72126	1.6829	0.88028	
	39.00000	-7.00000	99.00000	-0.82353	1.4412	0.74443	
	40.00000	-7.00000	99.00000	-0.86385	1.2094	0.60609	
	41.00000	-7.00000	99.00000	-0.85487	0.99735	0.47338	
	42.00000	-7.00000	99.00000	-0.80882	0.80882	0.35319	
	43.00000	-7.00000	99.00000	-0.77957	0.68212	0.26559	
	44.00000	-7.00000	99.00000	-0.71719	0.55782	0.18839	
	45.00000	-7.00000	99.00000	-0.62676	0.43873	0.12724	
	46.00000	-7.00000	99.00000	-0.51283	0.32635	0.084184	
	47.00000	-7.00000	99.00000	-0.37936	0.22129	0.056924	
	48.00000	-7.00000	99.00000	-0.22964	0.12365	0.038233	
	49.00000	-7.00000	99.00000	-0.066399	0.033200	0.015541	
	50.00000	-7.00000	99.00000	0.0	0.0	0.0	
	51.00000	-7.00000	99.00000	0.0	0.0	0.0	
	52.00000	-7.00000	99.00000	0.0	0.0	0.0	
	53.00000	-7.00000	99.00000	0.0	0.0	0.0	
	54.00000	-7.00000	99.00000	0.0	0.0	0.0	
	55.00000	-7.00000	99.00000	0.0	0.0	0.0	
	56.00000	-7.00000	99.00000	0.0	0.0	0.0	
	57.00000	-7.00000	99.00000	0.0	0.0	0.0	
	58.00000	-7.00000	99.00000	0.0	0.0	0.0	
	59.00000	-7.00000	99.00000	0.0	0.0	0.0	
	60.00000	-7.00000	99.00000	0.0	0.0	0.0	
	61.00000	-7.00000	99.00000	0.0	0.0	0.0	
	62.00000	-7.00000	99.00000	0.0	0.0	0.0	
	63.00000	-7.00000	99.00000	0.0	0.0	0.0	
	64.00000	-7.00000	99.00000	0.0	0.0	0.0	
	65.00000	-7.00000	99.00000	0.0	0.0	0.0	
	-30.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-29.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-28.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-27.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-26.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-25.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-24.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-23.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-22.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-21.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-20.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-19.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-18.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-14.00000	-6.00000	99.00000	0.15425	0.066107	0.028548	
	-13.00000	-6.00000	99.00000	0.33014	0.15237	0.048783	
	-12.00000	-6.00000	99.00000	0.49363	0.24682	0.072756	
	-11.00000	-6.00000	99.00000	0.64192	0.35014	0.11225	
	-10.00000	-6.00000	99.00000	0.77145	0.46287	0.17344	
	-9.00000	-6.00000	99.00000	0.87775	0.58517	0.25723	
	-8.00000	-6.00000	99.00000	0.95528	0.71646	0.35982	
	-7.00000	-6.00000	99.00000	0.99735	0.85487	0.47338	
	-6.00000	-6.00000	99.00000	0.99632	0.99632	0.58717	
	-5.00000	-6.00000	99.00000	1.0216	1.2260	0.74510	
	-4.00000	-6.00000	99.00000	0.99221	1.4883	0.90946	
	-3.00000	-6.00000	99.00000	0.88766	1.7753	1.0719	
	-2.00000	-6.00000	99.00000	0.68883	2.0665	1.2233	
	-1.00000	-6.00000	99.00000	0.38778	2.3267	1.3536	
	0.00000	-6.00000	99.00000	0.0	2.5125	1.4517	
	1.00000	-6.00000	99.00000	0.0	3.7500	2.1667	
	2.00000	-6.00000	99.00000	0.0	3.7500	2.1667	
	3.00000	-6.00000	99.00000	0.0	3.7500	2.1667	
	4.00000	-6.00000	99.00000	0.0	3.7500	2.1667	
	5.00000	-6.00000	99.00000	0.0	3.7500	2.1667	
	6.00000	-6.00000	99.00000	0.034137	3.7646	2.1730	
	7.00000	-6.00000	99.00000	0.078834	3.7864	2.1783	
	8.00000	-6.00000	99.00000	0.12789	3.8139	2.1855	
	9.00000	-6.00000	99.00000	0.18158	3.8490	2.1984	
	10.00000	-6.00000	99.00000	0.23996	3.8940	2.2206	
	11.00000	-6.00000	99.00000	0.30271	3.9518	2.2554	
	12.00000	-6.00000	99.00000	0.36870	4.0265	2.3055	
	13.00000	-6.00000	99.00000	0.43546	4.1232	2.3734	
	14.00000	-6.00000	99.00000	0.49816	4.2482	2.4603	
	15.00000	-6.00000	99.00000	0.56885	4.4542	2.5947	
	16.00000	-6.00000	99.00000	0.65003	4.7251	2.7625	
	17.00000	-6.00000	99.00000	0.65769	5.0654	2.9609	
	18.00000	-6.00000	99.00000	0.57132	4.4640	3.1813	
	19.00000	-6.00000	99.00000	0.35564	5.8838	3.4080	
	20.00000	-6.00000	99.00000	0.0	5.0250	2.9033	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	21.00000	-6.00000	99.00000	-0.35564	5.8838	3.4080	
	22.00000	-6.00000	99.00000	-0.57132	5.4640	3.1813	
	23.00000	-6.00000	99.00000	-0.65769	5.0654	2.9609	
	24.00000	-6.00000	99.00000	-0.65003	4.7251	2.7625	
	25.00000	-6.00000	99.00000	-0.58685	4.4542	2.5947	
	26.00000	-6.00000	99.00000	-0.49816	4.2492	2.4603	
	27.00000	-6.00000	99.00000	-0.43546	4.1232	2.3734	
	28.00000	-6.00000	99.00000	-0.36870	4.0265	2.3055	
	29.00000	-6.00000	99.00000	-0.30271	3.9518	2.2554	
	30.00000	-6.00000	99.00000	-0.23996	3.8940	2.2206	
	31.00000	-6.00000	99.00000	0.18158	3.8490	2.1984	
	32.00000	-6.00000	99.00000	-0.12789	3.8139	2.1855	
	33.00000	-6.00000	99.00000	-0.078834	3.7864	2.1783	
	34.00000	-6.00000	99.00000	-0.034137	3.7646	2.1730	
	35.00000	-6.00000	99.00000	0.0	2.5125	1.4517	
	36.00000	-6.00000	99.00000	-0.38778	2.3267	1.3536	
	37.00000	-6.00000	99.00000	-0.68883	2.0665	1.2233	
	38.00000	-6.00000	99.00000	-0.88766	1.7753	1.0719	
	39.00000	-6.00000	99.00000	-0.99221	1.4883	0.90946	
	40.00000	-6.00000	99.00000	-1.0216	1.2260	0.74510	
	41.00000	-6.00000	99.00000	-0.99632	0.99632	0.58717	
	42.00000	-6.00000	99.00000	-0.99735	0.85487	0.47338	
	43.00000	-6.00000	99.00000	-0.95528	0.71646	0.35982	
	44.00000	-6.00000	99.00000	-0.87775	0.58517	0.25723	
	45.00000	-6.00000	99.00000	-0.77145	0.46287	0.17344	
	46.00000	-6.00000	99.00000	-0.64192	0.35014	0.11225	
	47.00000	-6.00000	99.00000	-0.49363	0.24682	0.072756	
	48.00000	-6.00000	99.00000	-0.33014	0.15237	0.048783	
	49.00000	-6.00000	99.00000	-0.15425	0.066107	0.028548	
	50.00000	-6.00000	99.00000	0.0	0.0	0.0	
	51.00000	-6.00000	99.00000	0.0	0.0	0.0	
	52.00000	-6.00000	99.00000	0.0	0.0	0.0	
	53.00000	-6.00000	99.00000	0.0	0.0	0.0	
	54.00000	-6.00000	99.00000	0.0	0.0	0.0	
	55.00000	-6.00000	99.00000	0.0	0.0	0.0	
	56.00000	-6.00000	99.00000	0.0	0.0	0.0	
	57.00000	-6.00000	99.00000	0.0	0.0	0.0	
	58.00000	-6.00000	99.00000	0.0	0.0	0.0	
	59.00000	-6.00000	99.00000	0.0	0.0	0.0	
	60.00000	-6.00000	99.00000	0.0	0.0	0.0	
	61.00000	-6.00000	99.00000	0.0	0.0	0.0	
	62.00000	-6.00000	99.00000	0.0	0.0	0.0	
	63.00000	-6.00000	99.00000	0.0	0.0	0.0	
	64.00000	-6.00000	99.00000	0.0	0.0	0.0	
	65.00000	-6.00000	99.00000	0.0	0.0	0.0	
	-30.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-29.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-28.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-27.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-26.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-25.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-24.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-23.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-22.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-21.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-20.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-19.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-18.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-5.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-5.00000	99.00000	0.040284	0.013428	0.010314	
	-14.00000	-5.00000	99.00000	0.23857	0.085204	0.038165	
	-13.00000	-5.00000	99.00000	0.42817	0.16468	0.059522	
	-12.00000	-5.00000	99.00000	0.60703	0.25293	0.091666	
	-11.00000	-5.00000	99.00000	0.77244	0.35111	0.14577	
	-10.00000	-5.00000	99.00000	0.92086	0.46043	0.22711	
	-9.00000	-5.00000	99.00000	1.0476	0.58201	0.33535	
	-8.00000	-5.00000	99.00000	1.1465	0.71656	0.46500	
	-7.00000	-5.00000	99.00000	1.2094	0.86385	0.60609	
	-6.00000	-5.00000	99.00000	1.2260	1.0216	0.74510	
	-5.00000	-5.00000	99.00000	1.1838	1.1838	0.86652	
	-4.00000	-5.00000	99.00000	1.1779	1.4724	1.0510	
	-3.00000	-5.00000	99.00000	1.0850	1.8084	1.2345	
	-2.00000	-5.00000	99.00000	0.86873	2.1718	1.4093	
	-1.00000	-5.00000	99.00000	0.50288	2.5144	1.5667	
	0.00000	-5.00000	99.00000	0.0	2.7637	1.6954	
	1.00000	-5.00000	99.00000	0.0	4.1250	2.5304	
	2.00000	-5.00000	99.00000	0.0	4.1250	2.5304	
	3.00000	-5.00000	99.00000	0.0	4.1250	2.5304	
	4.00000	-5.00000	99.00000	0.0	4.1250	2.5304	
	5.00000	-5.00000	99.00000	0.0068721	4.1273	2.5322	
	6.00000	-5.00000	99.00000	0.043724	4.1406	2.5374	
	7.00000	-5.00000	99.00000	0.084743	4.1576	2.5422	
	8.00000	-5.00000	99.00000	0.13050	4.1794	2.5501	
	9.00000	-5.00000	99.00000	0.18159	4.2075	2.5647	
	10.00000	-5.00000	99.00000	0.23858	4.2443	2.5892	
	11.00000	-5.00000	99.00000	0.30184	4.2927	2.6270	
	12.00000	-5.00000	99.00000	0.37126	4.3570	2.6810	
	13.00000	-5.00000	99.00000	0.44568	4.4433	2.7537	
	14.00000	-5.00000	99.00000	0.52175	4.5598	2.8475	
	15.00000	-5.00000	99.00000	0.59191	4.7169	2.9637	
	16.00000	-5.00000	99.00000	0.69508	4.9938	3.1506	
	17.00000	-5.00000	99.00000	0.74752	5.3709	3.3809	
	18.00000	-5.00000	99.00000	0.68968	5.8492	3.6492	
	19.00000	-5.00000	99.00000	0.45251	6.3876	3.9401	
	20.00000	-5.00000	99.00000	0.0	5.5275	3.3907	
	21.00000	-5.00000	99.00000	-0.45251	6.3876	3.9401	
	22.00000	-5.00000	99.00000	-0.68968	5.8492	3.6492	
	23.00000	-5.00000	99.00000	-0.74752	5.3709	3.3809	
	24.00000	-5.00000	99.00000	-0.69508	4.9938	3.1506	
	25.00000	-5.00000	99.00000	-0.59191	4.7169	2.9637	
	26.00000	-5.00000	99.00000	-0.52175	4.5598	2.8475	
	27.00000	-5.00000	99.00000	-0.44568	4.4433	2.7537	
	28.00000	-5.00000	99.00000	-0.37126	4.3570	2.6810	
	29.00000	-5.00000	99.00000	-0.30184	4.2927	2.6270	
	30.00000	-5.00000	99.00000	-0.23858	4.2443	2.5892	
	31.00000	-5.00000	99.00000	-0.18159	4.2075	2.5647	
	32.00000	-5.00000	99.00000	-0.13050	4.1794	2.5501	
	33.00000	-5.00000	99.00000	-0.084743	4.1576	2.5422	
	34.00000	-5.00000	99.00000	-0.043724	4.1406	2.5374	
	35.00000	-5.00000	99.00000	-0.0068721	2.7660	1.6971	
	36.00000	-5.00000	99.00000	-0.50288	2.5144	1.5667	
	37.00000	-5.00000	99.00000	-0.86873	2.1718	1.4093	
	38.00000	-5.00000	99.00000	-1.0850	1.8084	1.2345	
	39.00000	-5.00000	99.00000	-1.1779	1.4724	1.0510	
	40.00000	-5.00000	99.00000	-1.1838	1.1838	0.86652	
	41.00000	-5.00000	99.00000	-1.2260	1.0216	0.74510	
	42.00000	-5.00000	99.00000	-1.2094	0.86385	0.60609	
	43.00000	-5.00000	99.00000	-1.1465	0.71656	0.46500	
	44.00000	-5.00000	99.00000	-1.0476	0.58201	0.33535	
	45.00000	-5.00000	99.00000	-0.92086	0.46043	0.22711	
	46.00000	-5.00000	99.00000	-0.77244	0.35111	0.14577	
	47.00000	-5.00000	99.00000	-0.60703	0.25293	0.091666	
	48.00000	-5.00000	99.00000	-0.42817	0.16468	0.059522	
	49.00000	-5.00000	99.00000	-0.23857	0.085204	0.038165	
	50.00000	-5.00000	99.00000	-0.040284	0.013428	0.010314	
	51.00000	-5.00000	99.00000	0.0	0.0	0.0	
	52.00000	-5.00000	99.00000	0.0	0.0	0.0	
	53.00000	-5.00000	99.00000	0.0	0.0	0.0	
	54.00000	-5.00000	99.00000	0.0	0.0	0.0	
	55.00000	-5.00000	99.00000	0.0	0.0	0.0	
	56.00000	-5.00000	99.00000	0.0	0.0	0.0	
	57.00000	-5.00000	99.00000	0.0	0.0	0.0	
	58.00000	-5.00000	99.00000	0.0	0.0	0.0	
	59.00000	-5.00000	99.00000	0.0	0.0	0.0	
	60.00000	-5.00000	99.00000	0.0	0.0	0.0	
	61.00000	-5.00000	99.00000	0.0	0.0	0.0	
	62.00000	-5.00000	99.00000	0.0	0.0	0.0	
	63.00000	-5.00000	99.00000	0.0	0.0	0.0	
	64.00000	-5.00000	99.00000	0.0	0.0	0.0	
	65.00000	-5.00000	99.00000	0.0	0.0	0.0	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-30.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-29.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-28.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-27.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-26.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-25.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-24.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-23.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-22.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-21.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-20.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-19.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-18.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-4.00000	99.00000	0.10579	0.028210	0.021227	
	-14.00000	-4.00000	99.00000	0.31655	0.090444	0.046040	
	-13.00000	-4.00000	99.00000	0.52044	0.16013	0.070847	
	-12.00000	-4.00000	99.00000	0.71569	0.23856	0.11272	
	-11.00000	-4.00000	99.00000	0.89994	0.32725	0.18242	
	-10.00000	-4.00000	99.00000	1.0700	0.42800	0.28456	
	-9.00000	-4.00000	99.00000	1.2215	0.54287	0.41777	
	-8.00000	-4.00000	99.00000	1.3481	0.67405	0.57509	
	-7.00000	-4.00000	99.00000	1.4412	0.82353	0.74443	
	-6.00000	-4.00000	99.00000	1.4883	0.99221	0.90946	
	-5.00000	-4.00000	99.00000	1.4724	1.1779	1.0510	
	-4.00000	-4.00000	99.00000	1.3713	1.3713	1.1493	
	-3.00000	-4.00000	99.00000	1.3135	1.7514	1.3429	
	-2.00000	-4.00000	99.00000	1.1013	2.2026	1.5315	
	-1.00000	-4.00000	99.00000	0.66646	2.6659	1.7119	
	0.00000	-4.00000	99.00000	0.0	3.0150	1.8767	
	1.00000	-4.00000	99.00000	0.0	4.5000	2.8010	
	2.00000	-4.00000	99.00000	0.0	4.5000	2.8010	
	3.00000	-4.00000	99.00000	0.0	4.5000	2.8010	
	4.00000	-4.00000	99.00000	0.0	4.5000	2.8010	
	5.00000	-4.00000	99.00000	0.014302	4.5038	2.8039	
	6.00000	-4.00000	99.00000	0.045989	4.5131	2.8077	
	7.00000	-4.00000	99.00000	0.081682	4.5251	2.8121	
	8.00000	-4.00000	99.00000	0.12209	4.5407	2.8202	
	9.00000	-4.00000	99.00000	0.16805	4.5611	2.8351	
	10.00000	-4.00000	99.00000	0.22054	4.5882	2.8597	
	11.00000	-4.00000	99.00000	0.28061	4.6247	2.8970	
	12.00000	-4.00000	99.00000	0.34927	4.6746	2.9500	
	13.00000	-4.00000	99.00000	0.42708	4.7440	3.0216	
	14.00000	-4.00000	99.00000	0.51327	4.8422	3.1147	
	15.00000	-4.00000	99.00000	0.60357	4.9829	3.2318	
	16.00000	-4.00000	99.00000	0.68566	5.1857	3.3756	
	17.00000	-4.00000	99.00000	0.80656	5.5754	3.6256	
	18.00000	-4.00000	99.00000	0.81596	6.1319	3.9358	
	19.00000	-4.00000	99.00000	0.58223	6.8289	4.2966	
	20.00000	-4.00000	99.00000	0.0	6.0300	3.7534	
	21.00000	-4.00000	99.00000	-0.58223	6.8289	4.2966	
	22.00000	-4.00000	99.00000	-0.81596	6.1319	3.9358	
	23.00000	-4.00000	99.00000	-0.80656	5.5754	3.6256	
	24.00000	-4.00000	99.00000	-0.68566	5.1857	3.3756	
	25.00000	-4.00000	99.00000	-0.60357	4.9829	3.2318	
	26.00000	-4.00000	99.00000	-0.51327	4.8422	3.1147	
	27.00000	-4.00000	99.00000	-0.42708	4.7440	3.0216	
	28.00000	-4.00000	99.00000	-0.34927	4.6746	2.9500	
	29.00000	-4.00000	99.00000	-0.28061	4.6247	2.8970	
	30.00000	-4.00000	99.00000	-0.22054	4.5882	2.8597	
	31.00000	-4.00000	99.00000	-0.16805	4.5611	2.8351	
	32.00000	-4.00000	99.00000	-0.12209	4.5407	2.8202	
	33.00000	-4.00000	99.00000	-0.081682	4.5251	2.8121	
	34.00000	-4.00000	99.00000	-0.045989	4.5131	2.8077	
	35.00000	-4.00000	99.00000	-0.014302	4.5038	2.8039	
	36.00000	-4.00000	99.00000	-0.66646	2.6659	1.7119	
	37.00000	-4.00000	99.00000	-1.1013	2.2026	1.5315	
	38.00000	-4.00000	99.00000	-1.3135	1.7514	1.3429	
	39.00000	-4.00000	99.00000	-1.3713	1.3713	1.1493	
	40.00000	-4.00000	99.00000	-1.4724	1.1779	1.0510	
	41.00000	-4.00000	99.00000	-1.4883	0.99221	0.90946	
	42.00000	-4.00000	99.00000	-1.4412	0.82353	0.74443	
	43.00000	-4.00000	99.00000	-1.3481	0.67405	0.57509	
	44.00000	-4.00000	99.00000	-1.2215	0.54287	0.41777	
	45.00000	-4.00000	99.00000	-1.0700	0.42800	0.28456	
	46.00000	-4.00000	99.00000	-0.89994	0.32725	0.18242	
	47.00000	-4.00000	99.00000	-0.71569	0.23856	0.11272	
	48.00000	-4.00000	99.00000	-0.52044	0.16013	0.070847	
	49.00000	-4.00000	99.00000	-0.31655	0.090444	0.046040	
	50.00000	-4.00000	99.00000	-0.10579	0.028210	0.021227	
	51.00000	-4.00000	99.00000	0.0	0.0	0.0	
	52.00000	-4.00000	99.00000	0.0	0.0	0.0	
	53.00000	-4.00000	99.00000	0.0	0.0	0.0	
	54.00000	-4.00000	99.00000	0.0	0.0	0.0	
	55.00000	-4.00000	99.00000	0.0	0.0	0.0	
	56.00000	-4.00000	99.00000	0.0	0.0	0.0	
	57.00000	-4.00000	99.00000	0.0	0.0	0.0	
	58.00000	-4.00000	99.00000	0.0	0.0	0.0	
	59.00000	-4.00000	99.00000	0.0	0.0	0.0	
	60.00000	-4.00000	99.00000	0.0	0.0	0.0	
	61.00000	-4.00000	99.00000	0.0	0.0	0.0	
	62.00000	-4.00000	99.00000	0.0	0.0	0.0	
	63.00000	-4.00000	99.00000	0.0	0.0	0.0	
	64.00000	-4.00000	99.00000	0.0	0.0	0.0	
	65.00000	-4.00000	99.00000	0.0	0.0	0.0	
	-30.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-29.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-28.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-27.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-26.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-25.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-24.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-23.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-22.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-21.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-20.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-19.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-18.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-17.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-16.00000	-3.00000	99.00000	0.0	0.0	0.0	
	-15.00000	-3.00000	99.00000	0.16214	0.032428	0.028869	
	-14.00000	-3.00000	99.00000	0.38508	0.082518	0.052837	
	-13.00000	-3.00000	99.00000	0.60312	0.13918	0.082210	
	-12.00000	-3.00000	99.00000	0.81493	0.20373	0.13405	
	-11.00000	-3.00000	99.00000	1.0187	0.27783	0.21894	
	-10.00000	-3.00000	99.00000	1.2120	0.36359	0.34109	
	-9.00000	-3.00000	99.00000	1.3911	0.46370	0.49841	
	-8.00000	-3.00000	99.00000	1.5507	0.58153	0.68277	
	-7.00000	-3.00000	99.00000	1.6829	0.72126	0.88028	
	-6.00000	-3.00000	99.00000	1.7753	0.88766	1.0719	
	-5.00000	-3.00000	99.00000	1.8084	1.0850	1.2345	
	-4.00000	-3.00000	99.00000	1.7514	1.3135	1.3429	
	-3.00000	-3.00000	99.00000	1.5588	1.5588	1.3735	
	-2.00000	-3.00000	99.00000	1.3393	2.0989	1.5570	
	-1.00000	-3.00000	99.00000	0.91396	2.7419	1.7477	
	0.00000	-3.00000	99.00000	0.0	3.2662	1.9540	
	1.00000	-3.00000	99.00000	0.0	4.8750	2.9164	
	2.00000	-3.00000	99.00000	0.0	4.8750	2.9164	
	3.00000	-3.00000	99.00000	0.0	4.8750	2.9164	
	4.00000	-3.00000	99.00000	0.0	4.8750	2.9164	
	5.00000	-3.00000	99.00000	0.016241	4.8782	2.9192	
	6.00000	-3.00000	99.00000	0.041446	4.8839	2.9220	
	7.00000	-3.00000	99.00000	0.070124	4.8912	2.9259	
	8.00000	-3.00000	99.00000	0.10300	4.9007	2.9333	
	9.00000	-3.00000	99.00000	0.14099	4.9135	2.9467	
	10.00000	-3.00000	99.00000	0.18526	4.9306	2.9685	
	11.00000	-3.00000	99.00000	0.23731	4.9541	3.0014	
	12.00000	-3.00000	99.00000	0.29897	4.9871	3.0480	
	13.00000	-3.00000	99.00000	0.37245	5.0346	3.1112	
	14.00000	-3.00000	99.00000	0.45995	5.1050	3.1941	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
15.00000	-3.00000	99.00000	0.56250	5.2125	3.3004		
16.00000	-3.00000	99.00000	0.67595	5.3820	3.4347		
17.00000	-3.00000	99.00000	0.77941	5.6544	3.6031		
18.00000	-3.00000	99.00000	0.91670	6.2501	3.9364		
19.00000	-3.00000	99.00000	0.75805	7.1491	4.3659		
20.00000	-3.00000	99.00000	0.00000	6.5325	3.9079		
21.00000	-3.00000	99.00000	-0.75805	7.1491	4.3659		
22.00000	-3.00000	99.00000	-0.91670	6.2501	3.9364		
23.00000	-3.00000	99.00000	-0.77941	5.6544	3.6031		
24.00000	-3.00000	99.00000	-0.67595	5.3820	3.4347		
25.00000	-3.00000	99.00000	0.56250	5.2125	3.3004		
26.00000	-3.00000	99.00000	-0.45995	5.1050	3.1941		
27.00000	-3.00000	99.00000	-0.37245	5.0346	3.1112		
28.00000	-3.00000	99.00000	-0.29897	4.9871	3.0480		
29.00000	-3.00000	99.00000	-0.23731	4.9541	3.0014		
30.00000	-3.00000	99.00000	-0.18526	4.9306	2.9685		
31.00000	-3.00000	99.00000	-0.14099	4.9135	2.9467		
32.00000	-3.00000	99.00000	-0.10300	4.9007	2.9333		
33.00000	-3.00000	99.00000	-0.070124	4.8912	2.9259		
34.00000	-3.00000	99.00000	-0.041446	4.8839	2.9220		
35.00000	-3.00000	99.00000	-0.016241	3.2695	1.9568		
36.00000	-3.00000	99.00000	-0.91396	2.7419	1.7477		
37.00000	-3.00000	99.00000	-1.3993	2.0989	1.5570		
38.00000	-3.00000	99.00000	-1.5588	1.5588	1.3735		
39.00000	-3.00000	99.00000	-1.7514	1.3135	1.3429		
40.00000	-3.00000	99.00000	-1.8084	1.0850	1.2345		
41.00000	-3.00000	99.00000	-1.7753	0.88766	1.0719		
42.00000	-3.00000	99.00000	-1.6829	0.72126	0.88028		
43.00000	-3.00000	99.00000	-1.5507	0.58153	0.68277		
44.00000	-3.00000	99.00000	-1.3911	0.46370	0.49841		
45.00000	-3.00000	99.00000	-1.2120	0.36359	0.34109		
46.00000	-3.00000	99.00000	-1.0187	0.27783	0.21894		
47.00000	-3.00000	99.00000	-0.81493	0.20373	0.13405		
48.00000	-3.00000	99.00000	-0.60312	0.13918	0.082210		
49.00000	-3.00000	99.00000	-0.38508	0.082518	0.052837		
50.00000	-3.00000	99.00000	-0.16214	0.032428	0.028869		
51.00000	-3.00000	99.00000	0.0	0.0	0.0		
52.00000	-3.00000	99.00000	0.0	0.0	0.0		
53.00000	-3.00000	99.00000	0.0	0.0	0.0		
54.00000	-3.00000	99.00000	0.0	0.0	0.0		
55.00000	-3.00000	99.00000	0.0	0.0	0.0		
56.00000	-3.00000	99.00000	0.0	0.0	0.0		
57.00000	-3.00000	99.00000	0.0	0.0	0.0		
58.00000	-3.00000	99.00000	0.0	0.0	0.0		
59.00000	-3.00000	99.00000	0.0	0.0	0.0		
60.00000	-3.00000	99.00000	0.0	0.0	0.0		
61.00000	-3.00000	99.00000	0.0	0.0	0.0		
62.00000	-3.00000	99.00000	0.0	0.0	0.0		
63.00000	-3.00000	99.00000	0.0	0.0	0.0		
64.00000	-3.00000	99.00000	0.0	0.0	0.0		
65.00000	-3.00000	99.00000	0.0	0.0	0.0		
-30.00000	-2.00000	99.00000	0.0	0.0	0.0		
-29.00000	-2.00000	99.00000	0.0	0.0	0.0		
-28.00000	-2.00000	99.00000	0.0	0.0	0.0		
-27.00000	-2.00000	99.00000	0.0	0.0	0.0		
-26.00000	-2.00000	99.00000	0.0	0.0	0.0		
-25.00000	-2.00000	99.00000	0.0	0.0	0.0		
-24.00000	-2.00000	99.00000	0.0	0.0	0.0		
-23.00000	-2.00000	99.00000	0.0	0.0	0.0		
-22.00000	-2.00000	99.00000	0.0	0.0	0.0		
-21.00000	-2.00000	99.00000	0.0	0.0	0.0		
-20.00000	-2.00000	99.00000	0.0	0.0	0.0		
-19.00000	-2.00000	99.00000	0.0	0.0	0.0		
-18.00000	-2.00000	99.00000	0.0	0.0	0.0		
-17.00000	-2.00000	99.00000	0.0	0.0	0.0		
-16.00000	-2.00000	99.00000	0.0	0.0	0.0		
-15.00000	-2.00000	99.00000	0.20674	0.027565	0.034206		
-14.00000	-2.00000	99.00000	0.44091	0.062988	0.058562		
-13.00000	-2.00000	99.00000	0.67214	0.10341	0.092515		
-12.00000	-2.00000	99.00000	0.89960	0.14993	0.15331		
-11.00000	-2.00000	99.00000	1.1222	0.20403	0.25160		
-10.00000	-2.00000	99.00000	1.3383	0.26766	0.39149		
-9.00000	-2.00000	99.00000	1.5455	0.34345	0.57056		
-8.00000	-2.00000	99.00000	1.7404	0.43510	0.77998		
-7.00000	-2.00000	99.00000	1.9172	0.54777	1.0046		
-6.00000	-2.00000	99.00000	2.0665	0.68883	1.2233		
-5.00000	-2.00000	99.00000	2.1718	0.86873	1.4093		
-4.00000	-2.00000	99.00000	2.2026	1.1013	1.5315		
-3.00000	-2.00000	99.00000	2.0989	1.3993	1.5570		
-2.00000	-2.00000	99.00000	1.7463	1.7463	1.4577		
-1.00000	-2.00000	99.00000	1.3149	2.6298	1.6266		
0.00000	-2.00000	99.00000	0.0	3.5175	1.8788		
1.00000	-2.00000	99.00000	0.0	5.2500	2.8042		
2.00000	-2.00000	99.00000	0.0	5.2500	2.8042		
3.00000	-2.00000	99.00000	0.0	5.2500	2.8042		
4.00000	-2.00000	99.00000	0.0	5.2500	2.8042		
5.00000	-2.00000	99.00000	0.013601	5.2518	2.8065		
6.00000	-2.00000	99.00000	0.031152	5.2545	2.8084		
7.00000	-2.00000	99.00000	0.051273	5.2579	2.8113		
8.00000	-2.00000	99.00000	0.074561	5.2624	2.8170		
9.00000	-2.00000	99.00000	0.10180	5.2685	2.8271		
10.00000	-2.00000	99.00000	0.13405	5.2768	2.8435		
11.00000	-2.00000	99.00000	0.17277	5.2884	2.8680		
12.00000	-2.00000	99.00000	0.21997	5.3050	2.9028		
13.00000	-2.00000	99.00000	0.27463	5.3296	2.9502		
14.00000	-2.00000	99.00000	0.35253	5.3675	3.0129		
15.00000	-2.00000	99.00000	0.44764	5.4291	3.0947		
16.00000	-2.00000	99.00000	0.57064	5.5353	3.2010		
17.00000	-2.00000	99.00000	0.72383	5.7326	3.3412		
18.00000	-2.00000	99.00000	0.87316	6.1232	3.5331		
19.00000	-2.00000	99.00000	0.97423	7.1985	4.0094		
20.00000	-2.00000	99.00000	0.0	7.0350	3.7577		
21.00000	-2.00000	99.00000	-0.97423	7.1985	4.0094		
22.00000	-2.00000	99.00000	-0.87316	6.1232	3.5331		
23.00000	-2.00000	99.00000	-0.72383	5.7326	3.3412		
24.00000	-2.00000	99.00000	-0.57064	5.5353	3.2010		
25.00000	-2.00000	99.00000	-0.44764	5.4291	3.0947		
26.00000	-2.00000	99.00000	-0.35253	5.3675	3.0129		
27.00000	-2.00000	99.00000	-0.27853	5.3296	2.9502		
28.00000	-2.00000	99.00000	-0.21997	5.3050	2.9028		
29.00000	-2.00000	99.00000	-0.17277	5.2884	2.8680		
30.00000	-2.00000	99.00000	-0.13405	5.2768	2.8435		
31.00000	-2.00000	99.00000	-0.10180	5.2685	2.8271		
32.00000	-2.00000	99.00000	-0.074561	5.2624	2.8170		
33.00000	-2.00000	99.00000	-0.051273	5.2579	2.8113		
34.00000	-2.00000	99.00000	-0.031152	5.2545	2.8084		
35.00000	-2.00000	99.00000	-0.013601	3.5193	1.8811		
36.00000	-2.00000	99.00000	-1.3149	2.6298	1.6266		
37.00000	-2.00000	99.00000	-1.7463	1.7463	1.4577		
38.00000	-2.00000	99.00000	-2.0989	1.3993	1.5570		
39.00000	-2.00000	99.00000	-2.2026	1.1013	1.5315		
40.00000	-2.00000	99.00000	-2.1718	0.86873	1.4093		
41.00000	-2.00000	99.00000	-2.0665	0.68883	1.2233		
42.00000	-2.00000	99.00000	-1.9172	0.54777	1.0046		
43.00000	-2.00000	99.00000	-1.7404	0.43510	0.77998		
44.00000	-2.00000	99.00000	-1.5455	0.34345	0.57056		
45.00000	-2.00000	99.00000	-1.3383	0.26766	0.39149		
46.00000	-2.00000	99.00000	-1.1222	0.20403	0.25160		
47.00000	-2.00000	99.00000	-0.89960	0.14993	0.15331		
48.00000	-2.00000	99.00000	-0.67214	0.10341	0.092515		
49.00000	-2.00000	99.00000	-0.44091	0.062988	0.058562		
50.00000	-2.00000	99.00000	-0.20674	0.027565	0.034206		
51.00000	-2.00000	99.00000	0.0	0.0	0.0		
52.00000	-2.00000	99.00000	0.0	0.0	0.0		
53.00000	-2.00000	99.00000	0.0	0.0	0.0		
54.00000	-2.00000	99.00000	0.0	0.0	0.0		
55.00000	-2.00000	99.00000	0.0	0.0	0.0		
56.00000	-2.00000	99.00000	0.0	0.0	0.0		
57.00000	-2.00000	99.00000	0.0	0.0	0.0		
58.00000	-2.00000	99.00000	0.0	0.0	0.0		
59.00000	-2.00000	99.00000	0.0	0.0	0.0		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
60.00000	-2.00000	99.00000	0.0	0.0	0.0		
61.00000	-2.00000	99.00000	0.0	0.0	0.0		
62.00000	-2.00000	99.00000	0.0	0.0	0.0		
63.00000	-2.00000	99.00000	0.0	0.0	0.0		
64.00000	-2.00000	99.00000	0.0	0.0	0.0		
65.00000	-2.00000	99.00000	0.0	0.0	0.0		
-30.00000	-1.00000	99.00000	0.0	0.0	0.0		
-29.00000	-1.00000	99.00000	0.0	0.0	0.0		
-28.00000	-1.00000	99.00000	0.0	0.0	0.0		
-27.00000	-1.00000	99.00000	0.0	0.0	0.0		
-26.00000	-1.00000	99.00000	0.0	0.0	0.0		
-25.00000	-1.00000	99.00000	0.0	0.0	0.0		
-24.00000	-1.00000	99.00000	0.0	0.0	0.0		
-23.00000	-1.00000	99.00000	0.0	0.0	0.0		
-22.00000	-1.00000	99.00000	0.0	0.0	0.0		
-21.00000	-1.00000	99.00000	0.0	0.0	0.0		
-20.00000	-1.00000	99.00000	0.0	0.0	0.0		
-19.00000	-1.00000	99.00000	0.0	0.0	0.0		
-18.00000	-1.00000	99.00000	0.0	0.0	0.0		
-17.00000	-1.00000	99.00000	0.0	0.0	0.0		
-16.00000	-1.00000	99.00000	0.0	0.0	0.0		
-15.00000	-1.00000	99.00000	0.23713	0.015809	0.037678		
-14.00000	-1.00000	99.00000	0.48094	0.034353	0.062883		
-13.00000	-1.00000	99.00000	0.72351	0.055654	0.10050		
-12.00000	-1.00000	99.00000	0.96449	0.080374	0.16812		
-11.00000	-1.00000	99.00000	1.2034	0.10940	0.27674		
-10.00000	-1.00000	99.00000	1.4397	0.14397	0.43066		
-9.00000	-1.00000	99.00000	1.6722	0.18580	0.62756		
-8.00000	-1.00000	99.00000	1.8995	0.23743	0.85851		
-7.00000	-1.00000	99.00000	2.1190	0.30272	1.1079		
-6.00000	-1.00000	99.00000	2.3267	0.38778	1.3536		
-5.00000	-1.00000	99.00000	2.5144	0.50288	1.5667		
-4.00000	-1.00000	99.00000	2.6659	0.66646	1.7119		
-3.00000	-1.00000	99.00000	2.7419	0.91396	1.7477		
-2.00000	-1.00000	99.00000	2.6298	1.3149	1.6266		
-1.00000	-1.00000	99.00000	1.9338	1.9338	1.3003		
0.00000	-1.00000	99.00000	0.0	3.7687	1.5964		
1.00000	-1.00000	99.00000	0.0	5.6250	2.3827		
2.00000	-1.00000	99.00000	0.0	5.6250	2.3827		
3.00000	-1.00000	99.00000	0.0	5.6250	2.3827		
4.00000	-1.00000	99.00000	0.0	5.6250	2.3827		
5.00000	-1.00000	99.00000	0.0076644	5.6255	2.3839		
6.00000	-1.00000	99.00000	0.016677	5.6262	2.3848		
7.00000	-1.00000	99.00000	0.027060	5.6271	2.3864		
8.00000	-1.00000	99.00000	0.039149	5.6283	2.3895		
9.00000	-1.00000	99.00000	0.053398	5.6299	2.3949		
10.00000	-1.00000	99.00000	0.070438	5.6320	2.4037		
11.00000	-1.00000	99.00000	0.091169	5.6351	2.4169		
12.00000	-1.00000	99.00000	0.11692	5.6396	2.4355		
13.00000	-1.00000	99.00000	0.14972	5.6464	2.4609		
14.00000	-1.00000	99.00000	0.19284	5.6571	2.4948		
15.00000	-1.00000	99.00000	0.25186	5.6754	2.5396		
16.00000	-1.00000	99.00000	0.33694	5.7092	2.5990		
17.00000	-1.00000	99.00000	0.46775	5.7809	2.6808		
18.00000	-1.00000	99.00000	0.68133	5.9657	2.8041		
19.00000	-1.00000	99.00000	0.96691	6.5919	3.0328		
20.00000	-1.00000	99.00000	0.0	7.5375	3.1928		
21.00000	-1.00000	99.00000	-0.96691	6.5919	3.0328		
22.00000	-1.00000	99.00000	-0.68133	5.9657	2.8041		
23.00000	-1.00000	99.00000	-0.46775	5.7809	2.6808		
24.00000	-1.00000	99.00000	-0.33694	5.7092	2.5990		
25.00000	-1.00000	99.00000	-0.25186	5.6754	2.5396		
26.00000	-1.00000	99.00000	-0.19284	5.6571	2.4948		
27.00000	-1.00000	99.00000	-0.14972	5.6464	2.4609		
28.00000	-1.00000	99.00000	-0.11692	5.6396	2.4355		
29.00000	-1.00000	99.00000	-0.091169	5.6351	2.4169		
30.00000	-1.00000	99.00000	-0.070438	5.6320	2.4037		
31.00000	-1.00000	99.00000	-0.053398	5.6299	2.3949		
32.00000	-1.00000	99.00000	-0.039149	5.6283	2.3895		
33.00000	-1.00000	99.00000	-0.027060	5.6271	2.3864		
34.00000	-1.00000	99.00000	-0.016677	5.6262	2.3848		
35.00000	-1.00000	99.00000	-0.0076644	5.6255	2.3839		
36.00000	-1.00000	99.00000	-1.9338	1.9338	1.3003		
37.00000	-1.00000	99.00000	-2.6298	1.3149	1.6266		
38.00000	-1.00000	99.00000	-2.7419	0.91396	1.7477		
39.00000	-1.00000	99.00000	-2.6659	0.66646	1.7119		
40.00000	-1.00000	99.00000	-2.5144	0.50288	1.5667		
41.00000	-1.00000	99.00000	-2.3267	0.38778	1.3536		
42.00000	-1.00000	99.00000	-2.1190	0.30272	1.1079		
43.00000	-1.00000	99.00000	-1.8995	0.23743	0.85851		
44.00000	-1.00000	99.00000	-1.6722	0.18580	0.62756		
45.00000	-1.00000	99.00000	-1.4397	0.14397	0.43066		
46.00000	-1.00000	99.00000	-1.2034	0.10940	0.27674		
47.00000	-1.00000	99.00000	-0.96449	0.080374	0.16812		
48.00000	-1.00000	99.00000	-0.72351	0.055654	0.10050		
49.00000	-1.00000	99.00000	-0.48094	0.034353	0.062883		
50.00000	-1.00000	99.00000	-0.23713	0.015809	0.037678		
51.00000	-1.00000	99.00000	0.0	0.0	0.0		
52.00000	-1.00000	99.00000	0.0	0.0	0.0		
53.00000	-1.00000	99.00000	0.0	0.0	0.0		
54.00000	-1.00000	99.00000	0.0	0.0	0.0		
55.00000	-1.00000	99.00000	0.0	0.0	0.0		
56.00000	-1.00000	99.00000	0.0	0.0	0.0		
57.00000	-1.00000	99.00000	0.0	0.0	0.0		
58.00000	-1.00000	99.00000	0.0	0.0	0.0		
59.00000	-1.00000	99.00000	0.0	0.0	0.0		
60.00000	-1.00000	99.00000	0.0	0.0	0.0		
61.00000	-1.00000	99.00000	0.0	0.0	0.0		
62.00000	-1.00000	99.00000	0.0	0.0	0.0		
63.00000	-1.00000	99.00000	0.0	0.0	0.0		
64.00000	-1.00000	99.00000	0.0	0.0	0.0		
65.00000	-1.00000	99.00000	0.0	0.0	0.0		
-30.00000	0.00000	99.00000	0.0	0.0	0.0		
-29.00000	0.00000	99.00000	0.0	0.0	0.0		
-28.00000	0.00000	99.00000	0.0	0.0	0.0		
-27.00000	0.00000	99.00000	0.0	0.0	0.0		
-26.00000	0.00000	99.00000	0.0	0.0	0.0		
-25.00000	0.00000	99.00000	0.0	0.0	0.0		
-24.00000	0.00000	99.00000	0.0	0.0	0.0		
-23.00000	0.00000	99.00000	0.0	0.0	0.0		
-22.00000	0.00000	99.00000	0.0	0.0	0.0		
-21.00000	0.00000	99.00000	0.0	0.0	0.0		
-20.00000	0.00000	99.00000	0.0	0.0	0.0		
-19.00000	0.00000	99.00000	0.0	0.0	0.0		
-18.00000	0.00000	99.00000	0.0	0.0	0.0		
-17.00000	0.00000	99.00000	0.0	0.0	0.0		
-16.00000	0.00000	99.00000	0.0	0.0	0.0023013		
-15.00000	0.00000	99.00000	0.25125	0.0	0.039407		
-14.00000	0.00000	99.00000	0.50250	0.0	0.065400		
-13.00000	0.00000	99.00000	0.75375	0.0	0.10507		
-12.00000	0.00000	99.00000	1.0050	0.0	0.17654		
-11.00000	0.00000	99.00000	1.2562	0.0	0.29132		
-10.00000	0.00000	99.00000	1.5075	0.0	0.45425		
-9.00000	0.00000	99.00000	1.7587	0.0	0.66352		
-8.00000	0.00000	99.00000	2.0100	0.0	0.91069		
-7.00000	0.00000	99.00000	2.2612	0.0	1.1807		
-6.00000	0.00000	99.00000	2.5125	0.0	1.4517		
-5.00000	0.00000	99.00000	2.7637	0.0	1.6954		
-4.00000	0.00000	99.00000	3.0150	0.0	1.8767		
-3.00000	0.00000	99.00000	3.2662	0.0	1.9540		
-2.00000	0.00000	99.00000	3.5175	0.0	1.8788		
-1.00000	0.00000	99.00000	3.7687	0.0	1.5964		
0.00000	0.00000	99.00000	0.0	4.0200	1.0449		
1.00000	0.00000	99.00000	0.0	6.0000	1.5596		
2.00000	0.00000	99.00000	0.0	6.0000	1.5596		
3.00000	0.00000	99.00000	0.0	6.0000	1.5596		
4.00000	0.00000	99.00000	0.0	6.0000	1.5596		
5.00000	0.00000	99.00000	0.0	6.0000	1.5596		
6.00000	0.00000	99.00000	0.0	6.0000	1.5596		
7.00000	0.00000	99.00000	0.0	6.0000	1.5596		
8.00000	0.00000	99.00000	0.0	6.0000	1.5596		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements			
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]	
9.00000	0.00000	99.00000	0.0	6.0000	1.5596			
10.00000	0.00000	99.00000	0.0	6.0000	1.5596			
11.00000	0.00000	99.00000	0.0	6.0000	1.5596			
12.00000	0.00000	99.00000	0.0	6.0000	1.5596			
13.00000	0.00000	99.00000	0.0	6.0000	1.5596			
14.00000	0.00000	99.00000	0.0	6.0000	1.5596			
15.00000	0.00000	99.00000	0.0	6.0000	1.5596			
16.00000	0.00000	99.00000	0.0	6.0000	1.5596			
17.00000	0.00000	99.00000	0.0	6.0000	1.5596			
18.00000	0.00000	99.00000	0.0	6.0000	1.5596			
19.00000	0.00000	99.00000	0.0	6.0000	1.5596			
20.00000	0.00000	99.00000	0.0	4.0200	1.0449			
21.00000	0.00000	99.00000	0.0	6.0000	1.5596			
22.00000	0.00000	99.00000	0.0	6.0000	1.5596			
23.00000	0.00000	99.00000	0.0	6.0000	1.5596			
24.00000	0.00000	99.00000	0.0	6.0000	1.5596			
25.00000	0.00000	99.00000	0.0	6.0000	1.5596			
26.00000	0.00000	99.00000	0.0	6.0000	1.5596			
27.00000	0.00000	99.00000	0.0	6.0000	1.5596			
28.00000	0.00000	99.00000	0.0	6.0000	1.5596			
29.00000	0.00000	99.00000	0.0	6.0000	1.5596			
30.00000	0.00000	99.00000	0.0	6.0000	1.5596			
31.00000	0.00000	99.00000	0.0	6.0000	1.5596			
32.00000	0.00000	99.00000	0.0	6.0000	1.5596			
33.00000	0.00000	99.00000	0.0	6.0000	1.5596			
34.00000	0.00000	99.00000	0.0	6.0000	1.5596			
35.00000	0.00000	99.00000	-4.0200	0.0	1.0449			
36.00000	0.00000	99.00000	-3.7687	0.0	1.5964			
37.00000	0.00000	99.00000	-3.5175	0.0	1.8788			
38.00000	0.00000	99.00000	-3.2662	0.0	1.9540			
39.00000	0.00000	99.00000	-3.0150	0.0	1.8767			
40.00000	0.00000	99.00000	-2.7637	0.0	1.6954			
41.00000	0.00000	99.00000	-2.5125	0.0	1.4517			
42.00000	0.00000	99.00000	-2.2612	0.0	1.1807			
43.00000	0.00000	99.00000	-2.0100	0.0	0.91069			
44.00000	0.00000	99.00000	-1.7587	0.0	0.66352			
45.00000	0.00000	99.00000	-1.5075	0.0	0.45425			
46.00000	0.00000	99.00000	-1.2562	0.0	0.29132			
47.00000	0.00000	99.00000	-1.0050	0.0	0.17654			
48.00000	0.00000	99.00000	-0.75375	0.0	0.10507			
49.00000	0.00000	99.00000	-0.50250	0.0	0.065400			
50.00000	0.00000	99.00000	-0.25125	0.0	0.039407			
51.00000	0.00000	99.00000	0.0	0.0	0.0023013			
52.00000	0.00000	99.00000	0.0	0.0	0.0			
53.00000	0.00000	99.00000	0.0	0.0	0.0			
54.00000	0.00000	99.00000	0.0	0.0	0.0			
55.00000	0.00000	99.00000	0.0	0.0	0.0			
56.00000	0.00000	99.00000	0.0	0.0	0.0			
57.00000	0.00000	99.00000	0.0	0.0	0.0			
58.00000	0.00000	99.00000	0.0	0.0	0.0			
59.00000	0.00000	99.00000	0.0	0.0	0.0			
60.00000	0.00000	99.00000	0.0	0.0	0.0			
61.00000	0.00000	99.00000	0.0	0.0	0.0			
62.00000	0.00000	99.00000	0.0	0.0	0.0			
63.00000	0.00000	99.00000	0.0	0.0	0.0			
64.00000	0.00000	99.00000	0.0	0.0	0.0			
65.00000	0.00000	99.00000	0.0	0.0	0.0			
-30.00000	1.00000	99.00000	0.0	0.0	0.0			
-29.00000	1.00000	99.00000	0.0	0.0	0.0			
-28.00000	1.00000	99.00000	0.0	0.0	0.0			
-27.00000	1.00000	99.00000	0.0	0.0	0.0			
-26.00000	1.00000	99.00000	0.0	0.0	0.0			
-25.00000	1.00000	99.00000	0.0	0.0	0.0			
-24.00000	1.00000	99.00000	0.0	0.0	0.0			
-23.00000	1.00000	99.00000	0.0	0.0	0.0			
-22.00000	1.00000	99.00000	0.0	0.0	0.0			
-21.00000	1.00000	99.00000	0.0	0.0	0.0			
-20.00000	1.00000	99.00000	0.0	0.0	0.0			
-19.00000	1.00000	99.00000	0.0	0.0	0.0			
-18.00000	1.00000	99.00000	0.0	0.0	0.0			
-17.00000	1.00000	99.00000	0.0	0.0	0.0			
-16.00000	1.00000	99.00000	0.0	0.0	0.0034348			
-15.00000	1.00000	99.00000	0.37500	0.0	0.058816			
-14.00000	1.00000	99.00000	0.75000	0.0	0.097612			
-13.00000	1.00000	99.00000	1.12500	0.0	0.15682			
-12.00000	1.00000	99.00000	1.50000	0.0	0.26350			
-11.00000	1.00000	99.00000	1.87500	0.0	0.43481			
-10.00000	1.00000	99.00000	2.25000	0.0	0.67798			
-9.00000	1.00000	99.00000	2.62500	0.0	0.99033			
-8.00000	1.00000	99.00000	3.00000	0.0	1.3592			
-7.00000	1.00000	99.00000	3.37500	0.0	1.7622			
-6.00000	1.00000	99.00000	3.75000	0.0	2.1667			
-5.00000	1.00000	99.00000	4.12500	0.0	2.5304			
-4.00000	1.00000	99.00000	4.50000	0.0	2.8010			
-3.00000	1.00000	99.00000	4.87500	0.0	2.9164			
-2.00000	1.00000	99.00000	5.25000	0.0	2.8042			
-1.00000	1.00000	99.00000	5.62500	0.0	2.3827			
0.00000	1.00000	99.00000	6.00000	0.0	1.5596			
1.00000	1.00000	99.00000				Point lies within an excavation.		
2.00000	1.00000	99.00000				Point lies within an excavation.		
3.00000	1.00000	99.00000				Point lies within an excavation.		
4.00000	1.00000	99.00000				Point lies within an excavation.		
5.00000	1.00000	99.00000				Point lies within an excavation.		
6.00000	1.00000	99.00000				Point lies within an excavation.		
7.00000	1.00000	99.00000				Point lies within an excavation.		
8.00000	1.00000	99.00000				Point lies within an excavation.		
9.00000	1.00000	99.00000				Point lies within an excavation.		
10.00000	1.00000	99.00000				Point lies within an excavation.		
11.00000	1.00000	99.00000				Point lies within an excavation.		
12.00000	1.00000	99.00000				Point lies within an excavation.		
13.00000	1.00000	99.00000				Point lies within an excavation.		
14.00000	1.00000	99.00000				Point lies within an excavation.		
15.00000	1.00000	99.00000				Point lies within an excavation.		
16.00000	1.00000	99.00000				Point lies within an excavation.		
17.00000	1.00000	99.00000				Point lies within an excavation.		
18.00000	1.00000	99.00000				Point lies within an excavation.		
19.00000	1.00000	99.00000				Point lies within an excavation.		
20.00000	1.00000	99.00000	0.0	0.0	0.0			
21.00000	1.00000	99.00000				Point lies within an excavation.		
22.00000	1.00000	99.00000				Point lies within an excavation.		
23.00000	1.00000	99.00000				Point lies within an excavation.		
24.00000	1.00000	99.00000				Point lies within an excavation.		
25.00000	1.00000	99.00000				Point lies within an excavation.		
26.00000	1.00000	99.00000				Point lies within an excavation.		
27.00000	1.00000	99.00000				Point lies within an excavation.		
28.00000	1.00000	99.00000				Point lies within an excavation.		
29.00000	1.00000	99.00000				Point lies within an excavation.		
30.00000	1.00000	99.00000				Point lies within an excavation.		
31.00000	1.00000	99.00000				Point lies within an excavation.		
32.00000	1.00000	99.00000				Point lies within an excavation.		
33.00000	1.00000	99.00000				Point lies within an excavation.		
34.00000	1.00000	99.00000				Point lies within an excavation.		
35.00000	1.00000	99.00000	-6.0000	0.0	1.5596			
36.00000	1.00000	99.00000	-5.6250	0.0	2.3827			
37.00000	1.00000	99.00000	-5.2500	0.0	2.8042			
38.00000	1.00000	99.00000	-4.8750	0.0	2.9164			
39.00000	1.00000	99.00000	-4.5000	0.0	2.8010			
40.00000	1.00000	99.00000	-4.1250	0.0	2.5304			
41.00000	1.00000	99.00000	-3.7500	0.0	2.1667			
42.00000	1.00000	99.00000	-3.3750	0.0	1.7622			
43.00000	1.00000	99.00000	-3.0000	0.0	1.3592			
44.00000	1.00000	99.00000	-2.6250	0.0	0.99033			
45.00000	1.00000	99.00000	-2.2500	0.0	0.67798			
46.00000	1.00000	99.00000	-1.8750	0.0	0.43481			
47.00000	1.00000	99.00000	-1.5000	0.0	0.26350			
48.00000	1.00000	99.00000	-1.1250	0.0	0.15682			
49.00000	1.00000	99.00000	-0.75000	0.0	0.097612			
50.00000	1.00000	99.00000	-0.37500	0.0	0.058816			
51.00000	1.00000	99.00000	0.0	0.0	0.0034348			
52.00000	1.00000	99.00000	0.0	0.0	0.0			
53.00000	1.00000	99.00000	0.0	0.0	0.0			



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements			
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]	
54.00000	1.00000	99.00000	0.0	0.0	0.0			
55.00000	1.00000	99.00000	0.0	0.0	0.0			
56.00000	1.00000	99.00000	0.0	0.0	0.0			
57.00000	1.00000	99.00000	0.0	0.0	0.0			
58.00000	1.00000	99.00000	0.0	0.0	0.0			
59.00000	1.00000	99.00000	0.0	0.0	0.0			
60.00000	1.00000	99.00000	0.0	0.0	0.0			
61.00000	1.00000	99.00000	0.0	0.0	0.0			
62.00000	1.00000	99.00000	0.0	0.0	0.0			
63.00000	1.00000	99.00000	0.0	0.0	0.0			
64.00000	1.00000	99.00000	0.0	0.0	0.0			
65.00000	1.00000	99.00000	0.0	0.0	0.0			
-30.00000	2.00000	99.00000	0.0	0.0	0.0			
-29.00000	2.00000	99.00000	0.0	0.0	0.0			
-28.00000	2.00000	99.00000	0.0	0.0	0.0			
-27.00000	2.00000	99.00000	0.0	0.0	0.0			
-26.00000	2.00000	99.00000	0.0	0.0	0.0			
-25.00000	2.00000	99.00000	0.0	0.0	0.0			
-24.00000	2.00000	99.00000	0.0	0.0	0.0			
-23.00000	2.00000	99.00000	0.0	0.0	0.0			
-22.00000	2.00000	99.00000	0.0	0.0	0.0			
-21.00000	2.00000	99.00000	0.0	0.0	0.0			
-20.00000	2.00000	99.00000	0.0	0.0	0.0			
-19.00000	2.00000	99.00000	0.0	0.0	0.0			
-18.00000	2.00000	99.00000	0.0	0.0	0.0			
-17.00000	2.00000	99.00000	0.0	0.0	0.0			
-16.00000	2.00000	99.00000	0.0	0.0	0.0034348			
-15.00000	2.00000	99.00000	0.37500	0.0	0.058816			
-14.00000	2.00000	99.00000	0.75000	0.0	0.097612			
-13.00000	2.00000	99.00000	1.12500	0.0	0.15682			
-12.00000	2.00000	99.00000	1.50000	0.0	0.26350			
-11.00000	2.00000	99.00000	1.87500	0.0	0.43481			
-10.00000	2.00000	99.00000	2.25000	0.0	0.67798			
-9.00000	2.00000	99.00000	2.62500	0.0	0.99033			
-8.00000	2.00000	99.00000	3.00000	0.0	1.3592			
-7.00000	2.00000	99.00000	3.37500	0.0	1.7622			
-6.00000	2.00000	99.00000	3.75000	0.0	2.1667			
-5.00000	2.00000	99.00000	4.12500	0.0	2.5304			
-4.00000	2.00000	99.00000	4.50000	0.0	2.8010			
-3.00000	2.00000	99.00000	4.87500	0.0	2.9164			
-2.00000	2.00000	99.00000	5.25000	0.0	2.8042			
-1.00000	2.00000	99.00000	5.62500	0.0	2.3827			
0.00000	2.00000	99.00000	6.00000	0.0	1.5596			
1.00000	2.00000	99.00000					Point lies within an excavation.	
2.00000	2.00000	99.00000					Point lies within an excavation.	
3.00000	2.00000	99.00000					Point lies within an excavation.	
4.00000	2.00000	99.00000					Point lies within an excavation.	
5.00000	2.00000	99.00000					Point lies within an excavation.	
6.00000	2.00000	99.00000					Point lies within an excavation.	
7.00000	2.00000	99.00000					Point lies within an excavation.	
8.00000	2.00000	99.00000					Point lies within an excavation.	
9.00000	2.00000	99.00000					Point lies within an excavation.	
10.00000	2.00000	99.00000					Point lies within an excavation.	
11.00000	2.00000	99.00000					Point lies within an excavation.	
12.00000	2.00000	99.00000					Point lies within an excavation.	
13.00000	2.00000	99.00000					Point lies within an excavation.	
14.00000	2.00000	99.00000					Point lies within an excavation.	
15.00000	2.00000	99.00000					Point lies within an excavation.	
16.00000	2.00000	99.00000					Point lies within an excavation.	
17.00000	2.00000	99.00000					Point lies within an excavation.	
18.00000	2.00000	99.00000					Point lies within an excavation.	
19.00000	2.00000	99.00000					Point lies within an excavation.	
20.00000	2.00000	99.00000	0.0	0.0	0.0			
21.00000	2.00000	99.00000					Point lies within an excavation.	
22.00000	2.00000	99.00000					Point lies within an excavation.	
23.00000	2.00000	99.00000					Point lies within an excavation.	
24.00000	2.00000	99.00000					Point lies within an excavation.	
25.00000	2.00000	99.00000					Point lies within an excavation.	
26.00000	2.00000	99.00000					Point lies within an excavation.	
27.00000	2.00000	99.00000					Point lies within an excavation.	
28.00000	2.00000	99.00000					Point lies within an excavation.	
29.00000	2.00000	99.00000					Point lies within an excavation.	
30.00000	2.00000	99.00000					Point lies within an excavation.	
31.00000	2.00000	99.00000					Point lies within an excavation.	
32.00000	2.00000	99.00000					Point lies within an excavation.	
33.00000	2.00000	99.00000					Point lies within an excavation.	
34.00000	2.00000	99.00000					Point lies within an excavation.	
35.00000	2.00000	99.00000	-6.00000	0.0	1.5596			
36.00000	2.00000	99.00000	-5.62500	0.0	2.3827			
37.00000	2.00000	99.00000	-5.25000	0.0	2.8042			
38.00000	2.00000	99.00000	-4.87500	0.0	2.9164			
39.00000	2.00000	99.00000	-4.50000	0.0	2.8010			
40.00000	2.00000	99.00000	-4.12500	0.0	2.5304			
41.00000	2.00000	99.00000	-3.75000	0.0	2.1667			
42.00000	2.00000	99.00000	-3.37500	0.0	1.7622			
43.00000	2.00000	99.00000	-3.00000	0.0	1.3592			
44.00000	2.00000	99.00000	-2.62500	0.0	0.99033			
45.00000	2.00000	99.00000	-2.25000	0.0	0.67798			
46.00000	2.00000	99.00000	-1.87500	0.0	0.43481			
47.00000	2.00000	99.00000	-1.50000	0.0	0.26350			
48.00000	2.00000	99.00000	-1.12500	0.0	0.15682			
49.00000	2.00000	99.00000	-0.75000	0.0	0.097612			
50.00000	2.00000	99.00000	-0.37500	0.0	0.058816			
51.00000	2.00000	99.00000	0.0	0.0	0.0034348			
52.00000	2.00000	99.00000	0.0	0.0	0.0			
53.00000	2.00000	99.00000	0.0	0.0	0.0			
54.00000	2.00000	99.00000	0.0	0.0	0.0			
55.00000	2.00000	99.00000	0.0	0.0	0.0			
56.00000	2.00000	99.00000	0.0	0.0	0.0			
57.00000	2.00000	99.00000	0.0	0.0	0.0			
58.00000	2.00000	99.00000	0.0	0.0	0.0			
59.00000	2.00000	99.00000	0.0	0.0	0.0			
60.00000	2.00000	99.00000	0.0	0.0	0.0			
61.00000	2.00000	99.00000	0.0	0.0	0.0			
62.00000	2.00000	99.00000	0.0	0.0	0.0			
63.00000	2.00000	99.00000	0.0	0.0	0.0			
64.00000	2.00000	99.00000	0.0	0.0	0.0			
65.00000	2.00000	99.00000	0.0	0.0	0.0			
-30.00000	3.00000	99.00000	0.0	0.0	0.0			
-29.00000	3.00000	99.00000	0.0	0.0	0.0			
-28.00000	3.00000	99.00000	0.0	0.0	0.0			
-27.00000	3.00000	99.00000	0.0	0.0	0.0			
-26.00000	3.00000	99.00000	0.0	0.0	0.0			
-25.00000	3.00000	99.00000	0.0	0.0	0.0			
-24.00000	3.00000	99.00000	0.0	0.0	0.0			
-23.00000	3.00000	99.00000	0.0	0.0	0.0			
-22.00000	3.00000	99.00000	0.0	0.0	0.0			
-21.00000	3.00000	99.00000	0.0	0.0	0.0			
-20.00000	3.00000	99.00000	0.0	0.0	0.0			
-19.00000	3.00000	99.00000	0.0	0.0	0.0			
-18.00000	3.00000	99.00000	0.0	0.0	0.0			
-17.00000	3.00000	99.00000	0.0	0.0	0.0			
-16.00000	3.00000	99.00000	0.0	0.0	0.0034348			
-15.00000	3.00000	99.00000	0.37500	0.0	0.058816			
-14.00000	3.00000	99.00000	0.75000	0.0	0.097612			
-13.00000	3.00000	99.00000	1.12500	0.0	0.15682			
-12.00000	3.00000	99.00000	1.50000	0.0	0.26350			
-11.00000	3.00000	99.00000	1.87500	0.0	0.43481			
-10.00000	3.00000	99.00000	2.25000	0.0	0.67798			
-9.00000	3.00000	99.00000	2.62500	0.0	0.99033			
-8.00000	3.00000	99.00000	3.00000	0.0	1.3592			
-7.00000	3.00000	99.00000	3.37500	0.0	1.7622			
-6.00000	3.00000	99.00000	3.75000	0.0	2.1667			
-5.00000	3.00000	99.00000	4.12500	0.0	2.5304			
-4.00000	3.00000	99.00000	4.50000	0.0	2.8010			
-3.00000	3.00000	99.00000	4.87500	0.0	2.9164			
-2.00000	3.00000	99.00000	5.25000	0.0	2.8042			
-1.00000	3.00000	99.00000	5.62500	0.0	2.3827			
0.00000	3.00000	99.00000	6.00000	0.0	1.5596			
1.00000	3.00000	99.00000					Point lies within an excavation.	
2.00000	3.00000	99.00000					Point lies within an excavation.	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No.		Coordinates			Displacements			
Name	Dist. [m]	x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]	
		3.00000	3.00000	99.00000				Point lies within an excavation.
		4.00000	3.00000	99.00000				Point lies within an excavation.
		5.00000	3.00000	99.00000				Point lies within an excavation.
		6.00000	3.00000	99.00000				Point lies within an excavation.
		7.00000	3.00000	99.00000				Point lies within an excavation.
		8.00000	3.00000	99.00000				Point lies within an excavation.
		9.00000	3.00000	99.00000				Point lies within an excavation.
		10.00000	3.00000	99.00000				Point lies within an excavation.
		11.00000	3.00000	99.00000				Point lies within an excavation.
		12.00000	3.00000	99.00000				Point lies within an excavation.
		13.00000	3.00000	99.00000				Point lies within an excavation.
		14.00000	3.00000	99.00000				Point lies within an excavation.
		15.00000	3.00000	99.00000				Point lies within an excavation.
		16.00000	3.00000	99.00000				Point lies within an excavation.
		17.00000	3.00000	99.00000				Point lies within an excavation.
		18.00000	3.00000	99.00000				Point lies within an excavation.
		19.00000	3.00000	99.00000				Point lies within an excavation.
		20.00000	3.00000	99.00000	0.0	0.0	0.0	
		21.00000	3.00000	99.00000				Point lies within an excavation.
		22.00000	3.00000	99.00000				Point lies within an excavation.
		23.00000	3.00000	99.00000				Point lies within an excavation.
		24.00000	3.00000	99.00000				Point lies within an excavation.
		25.00000	3.00000	99.00000				Point lies within an excavation.
		26.00000	3.00000	99.00000				Point lies within an excavation.
		27.00000	3.00000	99.00000				Point lies within an excavation.
		28.00000	3.00000	99.00000				Point lies within an excavation.
		29.00000	3.00000	99.00000				Point lies within an excavation.
		30.00000	3.00000	99.00000				Point lies within an excavation.
		31.00000	3.00000	99.00000				Point lies within an excavation.
		32.00000	3.00000	99.00000				Point lies within an excavation.
		33.00000	3.00000	99.00000				Point lies within an excavation.
		34.00000	3.00000	99.00000				Point lies within an excavation.
		35.00000	3.00000	99.00000	-6.0000	0.0	1.5596	
		36.00000	3.00000	99.00000	-5.6250	0.0	2.3827	
		37.00000	3.00000	99.00000	-5.2500	0.0	2.8042	
		38.00000	3.00000	99.00000	-4.8750	0.0	2.9164	
		39.00000	3.00000	99.00000	-4.5000	0.0	2.8010	
		40.00000	3.00000	99.00000	-4.1250	0.0	2.5304	
		41.00000	3.00000	99.00000	-3.7500	0.0	2.1667	
		42.00000	3.00000	99.00000	-3.3750	0.0	1.7622	
		43.00000	3.00000	99.00000	-3.0000	0.0	1.3592	
		44.00000	3.00000	99.00000	-2.6250	0.0	0.99033	
		45.00000	3.00000	99.00000	-2.2500	0.0	0.67798	
		46.00000	3.00000	99.00000	-1.8750	0.0	0.43481	
		47.00000	3.00000	99.00000	-1.5000	0.0	0.26350	
		48.00000	3.00000	99.00000	-1.1250	0.0	0.15682	
		49.00000	3.00000	99.00000	-0.75000	0.0	0.097612	
		50.00000	3.00000	99.00000	-0.37500	0.0	0.058816	
		51.00000	3.00000	99.00000	0.0	0.0	0.0034348	
		52.00000	3.00000	99.00000	0.0	0.0	0.0	
		53.00000	3.00000	99.00000	0.0	0.0	0.0	
		54.00000	3.00000	99.00000	0.0	0.0	0.0	
		55.00000	3.00000	99.00000	0.0	0.0	0.0	
		56.00000	3.00000	99.00000	0.0	0.0	0.0	
		57.00000	3.00000	99.00000	0.0	0.0	0.0	
		58.00000	3.00000	99.00000	0.0	0.0	0.0	
		59.00000	3.00000	99.00000	0.0	0.0	0.0	
		60.00000	3.00000	99.00000	0.0	0.0	0.0	
		61.00000	3.00000	99.00000	0.0	0.0	0.0	
		62.00000	3.00000	99.00000	0.0	0.0	0.0	
		63.00000	3.00000	99.00000	0.0	0.0	0.0	
		64.00000	3.00000	99.00000	0.0	0.0	0.0	
		65.00000	3.00000	99.00000	0.0	0.0	0.0	
		-30.00000	4.00000	99.00000	0.0	0.0	0.0	
		-29.00000	4.00000	99.00000	0.0	0.0	0.0	
		-28.00000	4.00000	99.00000	0.0	0.0	0.0	
		-27.00000	4.00000	99.00000	0.0	0.0	0.0	
		-26.00000	4.00000	99.00000	0.0	0.0	0.0	
		-25.00000	4.00000	99.00000	0.0	0.0	0.0	
		-24.00000	4.00000	99.00000	0.0	0.0	0.0	
		-23.00000	4.00000	99.00000	0.0	0.0	0.0	
		-22.00000	4.00000	99.00000	0.0	0.0	0.0	
		-21.00000	4.00000	99.00000	0.0	0.0	0.0	
		-20.00000	4.00000	99.00000	0.0	0.0	0.0	
		-19.00000	4.00000	99.00000	0.0	0.0	0.0	
		-18.00000	4.00000	99.00000	0.0	0.0	0.0	
		-17.00000	4.00000	99.00000	0.0	0.0	0.0	
		-16.00000	4.00000	99.00000	0.0	0.0	0.0034348	
		-15.00000	4.00000	99.00000	0.37500	0.0	0.058816	
		-14.00000	4.00000	99.00000	0.75000	0.0	0.097612	
		-13.00000	4.00000	99.00000	1.12500	0.0	0.15682	
		-12.00000	4.00000	99.00000	1.50000	0.0	0.26350	
		-11.00000	4.00000	99.00000	1.87500	0.0	0.43481	
		-10.00000	4.00000	99.00000	2.25000	0.0	0.67798	
		-9.00000	4.00000	99.00000	2.62500	0.0	0.99033	
		-8.00000	4.00000	99.00000	3.00000	0.0	1.3592	
		-7.00000	4.00000	99.00000	3.37500	0.0	1.7622	
		-6.00000	4.00000	99.00000	3.75000	0.0	2.1667	
		-5.00000	4.00000	99.00000	4.12500	0.0	2.5304	
		-4.00000	4.00000	99.00000	4.50000	0.0	2.8010	
		-3.00000	4.00000	99.00000	4.87500	0.0	2.9164	
		-2.00000	4.00000	99.00000	5.25000	0.0	2.8042	
		-1.00000	4.00000	99.00000	5.62500	0.0	2.3827	
		0.00000	4.00000	99.00000	6.00000	0.0	1.5596	
		1.00000	4.00000	99.00000				Point lies within an excavation.
		2.00000	4.00000	99.00000				Point lies within an excavation.
		3.00000	4.00000	99.00000				Point lies within an excavation.
		4.00000	4.00000	99.00000				Point lies within an excavation.
		5.00000	4.00000	99.00000				Point lies within an excavation.
		6.00000	4.00000	99.00000				Point lies within an excavation.
		7.00000	4.00000	99.00000				Point lies within an excavation.
		8.00000	4.00000	99.00000				Point lies within an excavation.
		9.00000	4.00000	99.00000				Point lies within an excavation.
		10.00000	4.00000	99.00000				Point lies within an excavation.
		11.00000	4.00000	99.00000				Point lies within an excavation.
		12.00000	4.00000	99.00000				Point lies within an excavation.
		13.00000	4.00000	99.00000				Point lies within an excavation.
		14.00000	4.00000	99.00000				Point lies within an excavation.
		15.00000	4.00000	99.00000				Point lies within an excavation.
		16.00000	4.00000	99.00000				Point lies within an excavation.
		17.00000	4.00000	99.00000				Point lies within an excavation.
		18.00000	4.00000	99.00000				Point lies within an excavation.
		19.00000	4.00000	99.00000				Point lies within an excavation.
		20.00000	4.00000	99.00000	0.0	0.0	0.0	
		21.00000	4.00000	99.00000				Point lies within an excavation.
		22.00000	4.00000	99.00000				Point lies within an excavation.
		23.00000	4.00000	99.00000				Point lies within an excavation.
		24.00000	4.00000	99.00000				Point lies within an excavation.
		25.00000	4.00000	99.00000				Point lies within an excavation.
		26.00000	4.00000	99.00000				Point lies within an excavation.
		27.00000	4.00000	99.00000				Point lies within an excavation.
		28.00000	4.00000	99.00000				Point lies within an excavation.
		29.00000	4.00000	99.00000				Point lies within an excavation.
		30.00000	4.00000	99.00000				Point lies within an excavation.
		31.00000	4.00000	99.00000				Point lies within an excavation.
		32.00000	4.00000	99.00000				Point lies within an excavation.
		33.00000	4.00000	99.00000				Point lies within an excavation.
		34.00000	4.00000	99.00000				Point lies within an excavation.
		35.00000	4.00000	99.00000	-6.0000	0.0	1.5596	
		36.00000	4.00000	99.00000	-5.6250	0.0	2.3827	
		37.00000	4.00000	99.00000	-5.2500	0.0	2.8042	
		38.00000	4.00000	99.00000	-4.8750	0.0	2.9164	
		39.00000	4.00000	99.00000	-4.5000	0.0	2.8010	
		40.00000	4.00000	99.00000	-4.1250	0.0	2.5304	
		41.00000	4.00000	99.00000	-3.7500	0.0	2.1667	
		42.00000	4.00000	99.00000	-3.3750	0.0	1.7622	
		43.00000	4.00000	99.00000	-3.0000	0.0	1.3592	
		44.00000	4.00000	99.00000	-2.6250	0.0	0.99033	
		45.00000	4.00000	99.00000	-2.2500	0.0	0.67798	
		46.00000	4.00000	99.00000	-1.8750	0.0	0.43481	
		47.00000	4.00000	99.00000	-1.5000	0.0	0.26350	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	48.00000	4.00000	99.00000		-1.1250	0.0	0.15682
	49.00000	4.00000	99.00000		-0.75000	0.0	0.097612
	50.00000	4.00000	99.00000		-0.37500	0.0	0.058816
	51.00000	4.00000	99.00000		0.0	0.0	0.0034348
	52.00000	4.00000	99.00000		0.0	0.0	0.0
	53.00000	4.00000	99.00000		0.0	0.0	0.0
	54.00000	4.00000	99.00000		0.0	0.0	0.0
	55.00000	4.00000	99.00000		0.0	0.0	0.0
	56.00000	4.00000	99.00000		0.0	0.0	0.0
	57.00000	4.00000	99.00000		0.0	0.0	0.0
	58.00000	4.00000	99.00000		0.0	0.0	0.0
	59.00000	4.00000	99.00000		0.0	0.0	0.0
	60.00000	4.00000	99.00000		0.0	0.0	0.0
	61.00000	4.00000	99.00000		0.0	0.0	0.0
	62.00000	4.00000	99.00000		0.0	0.0	0.0
	63.00000	4.00000	99.00000		0.0	0.0	0.0
	64.00000	4.00000	99.00000		0.0	0.0	0.0
	65.00000	4.00000	99.00000		0.0	0.0	0.0
	-30.00000	5.00000	99.00000		0.0	0.0	0.0
	-29.00000	5.00000	99.00000		0.0	0.0	0.0
	-28.00000	5.00000	99.00000		0.0	0.0	0.0
	-27.00000	5.00000	99.00000		0.0	0.0	0.0
	-26.00000	5.00000	99.00000		0.0	0.0	0.0
	-25.00000	5.00000	99.00000		0.0	0.0	0.0
	-24.00000	5.00000	99.00000		0.0	0.0	0.0
	-23.00000	5.00000	99.00000		0.0	0.0	0.0
	-22.00000	5.00000	99.00000		0.0	0.0	0.0
	-21.00000	5.00000	99.00000		0.0	0.0	0.0
	-20.00000	5.00000	99.00000		0.0	0.0	0.0
	-19.00000	5.00000	99.00000		0.0	0.0	0.0
	-18.00000	5.00000	99.00000		0.0	0.0	0.0
	-17.00000	5.00000	99.00000		0.0	0.0	0.0
	-16.00000	5.00000	99.00000		0.0	0.0	0.0034348
	-15.00000	5.00000	99.00000		0.37500	0.0	0.058816
	-14.00000	5.00000	99.00000		0.75000	0.0	0.097612
	-13.00000	5.00000	99.00000		1.1250	0.0	0.15682
	-12.00000	5.00000	99.00000		1.5000	0.0	0.26350
	-11.00000	5.00000	99.00000		1.8750	0.0	0.43481
	-10.00000	5.00000	99.00000		2.2500	0.0	0.67798
	-9.00000	5.00000	99.00000		2.6250	0.0	0.99033
	-8.00000	5.00000	99.00000		3.0000	0.0	1.3592
	-7.00000	5.00000	99.00000		3.3750	0.0	1.7622
	-6.00000	5.00000	99.00000		3.7500	0.0	2.1667
	-5.00000	5.00000	99.00000		4.1250	0.0	2.5304
	-4.00000	5.00000	99.00000		4.5000	0.0	2.8010
	-3.00000	5.00000	99.00000		4.8750	0.0	2.9164
	-2.00000	5.00000	99.00000		5.2500	0.0	2.8042
	-1.00000	5.00000	99.00000		5.6250	0.0	2.3827
	0.00000	5.00000	99.00000		6.0000	0.0	1.5596
	1.00000	5.00000	99.00000				Point lies within an excavation.
	2.00000	5.00000	99.00000				Point lies within an excavation.
	3.00000	5.00000	99.00000				Point lies within an excavation.
	4.00000	5.00000	99.00000				Point lies within an excavation.
	5.00000	5.00000	99.00000				Point lies within an excavation.
	6.00000	5.00000	99.00000				Point lies within an excavation.
	7.00000	5.00000	99.00000				Point lies within an excavation.
	8.00000	5.00000	99.00000				Point lies within an excavation.
	9.00000	5.00000	99.00000				Point lies within an excavation.
	10.00000	5.00000	99.00000				Point lies within an excavation.
	11.00000	5.00000	99.00000				Point lies within an excavation.
	12.00000	5.00000	99.00000				Point lies within an excavation.
	13.00000	5.00000	99.00000				Point lies within an excavation.
	14.00000	5.00000	99.00000				Point lies within an excavation.
	15.00000	5.00000	99.00000				Point lies within an excavation.
	16.00000	5.00000	99.00000				Point lies within an excavation.
	17.00000	5.00000	99.00000				Point lies within an excavation.
	18.00000	5.00000	99.00000				Point lies within an excavation.
	19.00000	5.00000	99.00000				Point lies within an excavation.
	20.00000	5.00000	99.00000		0.0	0.0	0.0
	21.00000	5.00000	99.00000				Point lies within an excavation.
	22.00000	5.00000	99.00000				Point lies within an excavation.
	23.00000	5.00000	99.00000				Point lies within an excavation.
	24.00000	5.00000	99.00000				Point lies within an excavation.
	25.00000	5.00000	99.00000				Point lies within an excavation.
	26.00000	5.00000	99.00000				Point lies within an excavation.
	27.00000	5.00000	99.00000				Point lies within an excavation.
	28.00000	5.00000	99.00000				Point lies within an excavation.
	29.00000	5.00000	99.00000				Point lies within an excavation.
	30.00000	5.00000	99.00000				Point lies within an excavation.
	31.00000	5.00000	99.00000				Point lies within an excavation.
	32.00000	5.00000	99.00000				Point lies within an excavation.
	33.00000	5.00000	99.00000				Point lies within an excavation.
	34.00000	5.00000	99.00000				Point lies within an excavation.
	35.00000	5.00000	99.00000		-6.0000	0.0	1.5596
	36.00000	5.00000	99.00000		-5.6250	0.0	2.3827
	37.00000	5.00000	99.00000		-5.2500	0.0	2.8042
	38.00000	5.00000	99.00000		-4.8750	0.0	2.9164
	39.00000	5.00000	99.00000		-4.5000	0.0	2.8010
	40.00000	5.00000	99.00000		-4.1250	0.0	2.5304
	41.00000	5.00000	99.00000		-3.7500	0.0	2.1667
	42.00000	5.00000	99.00000		-3.3750	0.0	1.7622
	43.00000	5.00000	99.00000		-3.0000	0.0	1.3592
	44.00000	5.00000	99.00000		-2.6250	0.0	0.99033
	45.00000	5.00000	99.00000		-2.2500	0.0	0.67798
	46.00000	5.00000	99.00000		-1.8750	0.0	0.43481
	47.00000	5.00000	99.00000		-1.5000	0.0	0.26350
	48.00000	5.00000	99.00000		-1.1250	0.0	0.15682
	49.00000	5.00000	99.00000		-0.75000	0.0	0.097612
	50.00000	5.00000	99.00000		-0.37500	0.0	0.058816
	51.00000	5.00000	99.00000		0.0	0.0	0.0034348
	52.00000	5.00000	99.00000		0.0	0.0	0.0
	53.00000	5.00000	99.00000		0.0	0.0	0.0
	54.00000	5.00000	99.00000		0.0	0.0	0.0
	55.00000	5.00000	99.00000		0.0	0.0	0.0
	56.00000	5.00000	99.00000		0.0	0.0	0.0
	57.00000	5.00000	99.00000		0.0	0.0	0.0
	58.00000	5.00000	99.00000		0.0	0.0	0.0
	59.00000	5.00000	99.00000		0.0	0.0	0.0
	60.00000	5.00000	99.00000		0.0	0.0	0.0
	61.00000	5.00000	99.00000		0.0	0.0	0.0
	62.00000	5.00000	99.00000		0.0	0.0	0.0
	63.00000	5.00000	99.00000		0.0	0.0	0.0
	64.00000	5.00000	99.00000		0.0	0.0	0.0
	65.00000	5.00000	99.00000		0.0	0.0	0.0
	-30.00000	6.00000	99.00000		0.0	0.0	0.0
	-29.00000	6.00000	99.00000		0.0	0.0	0.0
	-28.00000	6.00000	99.00000		0.0	0.0	0.0
	-27.00000	6.00000	99.00000		0.0	0.0	0.0
	-26.00000	6.00000	99.00000		0.0	0.0	0.0
	-25.00000	6.00000	99.00000		0.0	0.0	0.0
	-24.00000	6.00000	99.00000		0.0	0.0	0.0
	-23.00000	6.00000	99.00000		0.0	0.0	0.0
	-22.00000	6.00000	99.00000		0.0	0.0	0.0
	-21.00000	6.00000	99.00000		0.0	0.0	0.0
	-20.00000	6.00000	99.00000		0.0	0.0	0.0
	-19.00000	6.00000	99.00000		0.0	0.0	0.0
	-18.00000	6.00000	99.00000		0.0	0.0	0.0
	-17.00000	6.00000	99.00000		0.0	0.0	0.0
	-16.00000	6.00000	99.00000		0.0	0.0	0.0034348
	-15.00000	6.00000	99.00000		0.37500	0.0	0.058816
	-14.00000	6.00000	99.00000		0.75000	0.0	0.097612
	-13.00000	6.00000	99.00000		1.1250	0.0	0.15682
	-12.00000	6.00000	99.00000		1.5000	0.0	0.26350
	-11.00000	6.00000	99.00000		1.8750	0.0	0.43481
	-10.00000	6.00000	99.00000		2.2500	0.0	0.67798
	-9.00000	6.00000	99.00000		2.6250	0.0	0.99033
	-8.00000	6.00000	99.00000		3.0000	0.0	1.3592
	-7.00000	6.00000	99.00000		3.3750	0.0	1.7622
	-6.00000	6.00000	99.00000		3.7500	0.0	2.1667
	-5.00000	6.00000	99.00000		4.1250	0.0	2.5304
	-4.00000	6.00000	99.00000		4.5000	0.0	2.8010



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-3.00000	6.00000	99.00000		4.8750	0.0	2.9164
	-2.00000	6.00000	99.00000		5.2500	0.0	2.8042
	-1.00000	6.00000	99.00000		5.6250	0.0	2.3827
	0.00000	6.00000	99.00000		6.0000	0.0	1.5596
	1.00000	6.00000	99.00000				Point lies within an excavation.
	2.00000	6.00000	99.00000				Point lies within an excavation.
	3.00000	6.00000	99.00000				Point lies within an excavation.
	4.00000	6.00000	99.00000				Point lies within an excavation.
	5.00000	6.00000	99.00000				Point lies within an excavation.
	6.00000	6.00000	99.00000				Point lies within an excavation.
	7.00000	6.00000	99.00000				Point lies within an excavation.
	8.00000	6.00000	99.00000				Point lies within an excavation.
	9.00000	6.00000	99.00000				Point lies within an excavation.
	10.00000	6.00000	99.00000				Point lies within an excavation.
	11.00000	6.00000	99.00000				Point lies within an excavation.
	12.00000	6.00000	99.00000				Point lies within an excavation.
	13.00000	6.00000	99.00000				Point lies within an excavation.
	14.00000	6.00000	99.00000				Point lies within an excavation.
	15.00000	6.00000	99.00000				Point lies within an excavation.
	16.00000	6.00000	99.00000				Point lies within an excavation.
	17.00000	6.00000	99.00000				Point lies within an excavation.
	18.00000	6.00000	99.00000				Point lies within an excavation.
	19.00000	6.00000	99.00000				Point lies within an excavation.
	20.00000	6.00000	99.00000		0.0	0.0	0.0
	21.00000	6.00000	99.00000				Point lies within an excavation.
	22.00000	6.00000	99.00000				Point lies within an excavation.
	23.00000	6.00000	99.00000				Point lies within an excavation.
	24.00000	6.00000	99.00000				Point lies within an excavation.
	25.00000	6.00000	99.00000				Point lies within an excavation.
	26.00000	6.00000	99.00000				Point lies within an excavation.
	27.00000	6.00000	99.00000				Point lies within an excavation.
	28.00000	6.00000	99.00000				Point lies within an excavation.
	29.00000	6.00000	99.00000				Point lies within an excavation.
	30.00000	6.00000	99.00000				Point lies within an excavation.
	31.00000	6.00000	99.00000				Point lies within an excavation.
	32.00000	6.00000	99.00000				Point lies within an excavation.
	33.00000	6.00000	99.00000				Point lies within an excavation.
	34.00000	6.00000	99.00000				Point lies within an excavation.
	35.00000	6.00000	99.00000		-6.0000	0.0	1.5596
	36.00000	6.00000	99.00000		-5.6250	0.0	2.3827
	37.00000	6.00000	99.00000		-5.2500	0.0	2.8042
	38.00000	6.00000	99.00000		-4.8750	0.0	2.9164
	39.00000	6.00000	99.00000		-4.5000	0.0	2.8010
	40.00000	6.00000	99.00000		-4.1250	0.0	2.5304
	41.00000	6.00000	99.00000		-3.7500	0.0	2.1667
	42.00000	6.00000	99.00000		-3.3750	0.0	1.7622
	43.00000	6.00000	99.00000		-3.0000	0.0	1.3592
	44.00000	6.00000	99.00000		-2.6250	0.0	0.99033
	45.00000	6.00000	99.00000		-2.2500	0.0	0.67798
	46.00000	6.00000	99.00000		-1.8750	0.0	0.43481
	47.00000	6.00000	99.00000		-1.5000	0.0	0.26350
	48.00000	6.00000	99.00000		-1.1250	0.0	0.15682
	49.00000	6.00000	99.00000		-0.75000	0.0	0.097612
	50.00000	6.00000	99.00000		-0.37500	0.0	0.058816
	51.00000	6.00000	99.00000		0.0	0.0	0.0034348
	52.00000	6.00000	99.00000		0.0	0.0	0.0
	53.00000	6.00000	99.00000		0.0	0.0	0.0
	54.00000	6.00000	99.00000		0.0	0.0	0.0
	55.00000	6.00000	99.00000		0.0	0.0	0.0
	56.00000	6.00000	99.00000		0.0	0.0	0.0
	57.00000	6.00000	99.00000		0.0	0.0	0.0
	58.00000	6.00000	99.00000		0.0	0.0	0.0
	59.00000	6.00000	99.00000		0.0	0.0	0.0
	60.00000	6.00000	99.00000		0.0	0.0	0.0
	61.00000	6.00000	99.00000		0.0	0.0	0.0
	62.00000	6.00000	99.00000		0.0	0.0	0.0
	63.00000	6.00000	99.00000		0.0	0.0	0.0
	64.00000	6.00000	99.00000		0.0	0.0	0.0
	65.00000	6.00000	99.00000		0.0	0.0	0.0
	-30.00000	7.00000	99.00000		0.0	0.0	0.0
	-29.00000	7.00000	99.00000		0.0	0.0	0.0
	-28.00000	7.00000	99.00000		0.0	0.0	0.0
	-27.00000	7.00000	99.00000		0.0	0.0	0.0
	-26.00000	7.00000	99.00000		0.0	0.0	0.0
	-25.00000	7.00000	99.00000		0.0	0.0	0.0
	-24.00000	7.00000	99.00000		0.0	0.0	0.0
	-23.00000	7.00000	99.00000		0.0	0.0	0.0
	-22.00000	7.00000	99.00000		0.0	0.0	0.0
	-21.00000	7.00000	99.00000		0.0	0.0	0.0
	-20.00000	7.00000	99.00000		0.0	0.0	0.0
	-19.00000	7.00000	99.00000		0.0	0.0	0.0
	-18.00000	7.00000	99.00000		0.0	0.0	0.0
	-17.00000	7.00000	99.00000		0.0	0.0	0.0
	-16.00000	7.00000	99.00000		0.0	0.0	0.0034348
	-15.00000	7.00000	99.00000		0.37500	0.0	0.058816
	-14.00000	7.00000	99.00000		0.75000	0.0	0.097612
	-13.00000	7.00000	99.00000		1.1250	0.0	0.15682
	-12.00000	7.00000	99.00000		1.5000	0.0	0.26350
	-11.00000	7.00000	99.00000		1.8750	0.0	0.43481
	-10.00000	7.00000	99.00000		2.2500	0.0	0.67798
	-9.00000	7.00000	99.00000		2.6250	0.0	0.99033
	-8.00000	7.00000	99.00000		3.0000	0.0	1.3592
	-7.00000	7.00000	99.00000		3.3750	0.0	1.7622
	-6.00000	7.00000	99.00000		3.7500	0.0	2.1667
	-5.00000	7.00000	99.00000		4.1250	0.0	2.5304
	-4.00000	7.00000	99.00000		4.5000	0.0	2.8010
	-3.00000	7.00000	99.00000		4.8750	0.0	2.9164
	-2.00000	7.00000	99.00000		5.2500	0.0	2.8042
	-1.00000	7.00000	99.00000		5.6250	0.0	2.3827
	0.00000	7.00000	99.00000		6.0000	0.0	1.5596
	1.00000	7.00000	99.00000				Point lies within an excavation.
	2.00000	7.00000	99.00000				Point lies within an excavation.
	3.00000	7.00000	99.00000				Point lies within an excavation.
	4.00000	7.00000	99.00000				Point lies within an excavation.
	5.00000	7.00000	99.00000				Point lies within an excavation.
	6.00000	7.00000	99.00000				Point lies within an excavation.
	7.00000	7.00000	99.00000				Point lies within an excavation.
	8.00000	7.00000	99.00000				Point lies within an excavation.
	9.00000	7.00000	99.00000				Point lies within an excavation.
	10.00000	7.00000	99.00000				Point lies within an excavation.
	11.00000	7.00000	99.00000				Point lies within an excavation.
	12.00000	7.00000	99.00000				Point lies within an excavation.
	13.00000	7.00000	99.00000				Point lies within an excavation.
	14.00000	7.00000	99.00000				Point lies within an excavation.
	15.00000	7.00000	99.00000				Point lies within an excavation.
	16.00000	7.00000	99.00000				Point lies within an excavation.
	17.00000	7.00000	99.00000				Point lies within an excavation.
	18.00000	7.00000	99.00000				Point lies within an excavation.
	19.00000	7.00000	99.00000				Point lies within an excavation.
	20.00000	7.00000	99.00000		0.0	0.0	0.0
	21.00000	7.00000	99.00000				Point lies within an excavation.
	22.00000	7.00000	99.00000				Point lies within an excavation.
	23.00000	7.00000	99.00000				Point lies within an excavation.
	24.00000	7.00000	99.00000				Point lies within an excavation.
	25.00000	7.00000	99.00000				Point lies within an excavation.
	26.00000	7.00000	99.00000				Point lies within an excavation.
	27.00000	7.00000	99.00000				Point lies within an excavation.
	28.00000	7.00000	99.00000				Point lies within an excavation.
	29.00000	7.00000	99.00000				Point lies within an excavation.
	30.00000	7.00000	99.00000				Point lies within an excavation.
	31.00000	7.00000	99.00000				Point lies within an excavation.
	32.00000	7.00000	99.00000				Point lies within an excavation.
	33.00000	7.00000	99.00000				Point lies within an excavation.
	34.00000	7.00000	99.00000				Point lies within an excavation.
	35.00000	7.00000	99.00000		-6.0000	0.0	1.5596
	36.00000	7.00000	99.00000		-5.6250	0.0	2.3827
	37.00000	7.00000	99.00000		-5.2500	0.0	2.8042
	38.00000	7.00000	99.00000		-4.8750	0.0	2.9164
	39.00000	7.00000	99.00000		-4.5000	0.0	2.8010
	40.00000	7.00000	99.00000		-4.1250	0.0	2.5304
	41.00000	7.00000	99.00000		-3.7500	0.0	2.1667



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements			
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]	
42.00000	7.00000	99.00000			-3.3750	0.0	1.7622	
43.00000	7.00000	99.00000			-3.0000	0.0	1.3592	
44.00000	7.00000	99.00000			-2.6250	0.0	0.99033	
45.00000	7.00000	99.00000			-2.2500	0.0	0.67798	
46.00000	7.00000	99.00000			-1.8750	0.0	0.43481	
47.00000	7.00000	99.00000			-1.5000	0.0	0.26350	
48.00000	7.00000	99.00000			-1.1250	0.0	0.15682	
49.00000	7.00000	99.00000			-0.75000	0.0	0.097612	
50.00000	7.00000	99.00000			-0.37500	0.0	0.058816	
51.00000	7.00000	99.00000			0.0	0.0	0.0034348	
52.00000	7.00000	99.00000			0.0	0.0	0.0	
53.00000	7.00000	99.00000			0.0	0.0	0.0	
54.00000	7.00000	99.00000			0.0	0.0	0.0	
55.00000	7.00000	99.00000			0.0	0.0	0.0	
56.00000	7.00000	99.00000			0.0	0.0	0.0	
57.00000	7.00000	99.00000			0.0	0.0	0.0	
58.00000	7.00000	99.00000			0.0	0.0	0.0	
59.00000	7.00000	99.00000			0.0	0.0	0.0	
60.00000	7.00000	99.00000			0.0	0.0	0.0	
61.00000	7.00000	99.00000			0.0	0.0	0.0	
62.00000	7.00000	99.00000			0.0	0.0	0.0	
63.00000	7.00000	99.00000			0.0	0.0	0.0	
64.00000	7.00000	99.00000			0.0	0.0	0.0	
65.00000	7.00000	99.00000			0.0	0.0	0.0	
-30.00000	8.00000	99.00000			0.0	0.0	0.0	
-29.00000	8.00000	99.00000			0.0	0.0	0.0	
-28.00000	8.00000	99.00000			0.0	0.0	0.0	
-27.00000	8.00000	99.00000			0.0	0.0	0.0	
-26.00000	8.00000	99.00000			0.0	0.0	0.0	
-25.00000	8.00000	99.00000			0.0	0.0	0.0	
-24.00000	8.00000	99.00000			0.0	0.0	0.0	
-23.00000	8.00000	99.00000			0.0	0.0	0.0	
-22.00000	8.00000	99.00000			0.0	0.0	0.0	
-21.00000	8.00000	99.00000			0.0	0.0	0.0	
-20.00000	8.00000	99.00000			0.0	0.0	0.0	
-19.00000	8.00000	99.00000			0.0	0.0	0.0	
-18.00000	8.00000	99.00000			0.0	0.0	0.0	
-17.00000	8.00000	99.00000			0.0	0.0	0.0	
-16.00000	8.00000	99.00000			0.0	0.0	0.0034348	
-15.00000	8.00000	99.00000			0.37500	0.0	0.058816	
-14.00000	8.00000	99.00000			0.75000	0.0	0.097612	
-13.00000	8.00000	99.00000			1.1250	0.0	0.15682	
-12.00000	8.00000	99.00000			1.5000	0.0	0.26350	
-11.00000	8.00000	99.00000			1.8750	0.0	0.43481	
-10.00000	8.00000	99.00000			2.2500	0.0	0.67798	
-9.00000	8.00000	99.00000			2.6250	0.0	0.99033	
-8.00000	8.00000	99.00000			3.0000	0.0	1.3592	
-7.00000	8.00000	99.00000			3.3750	0.0	1.7622	
-6.00000	8.00000	99.00000			3.7500	0.0	2.1667	
-5.00000	8.00000	99.00000			4.1250	0.0	2.5304	
-4.00000	8.00000	99.00000			4.5000	0.0	2.8010	
-3.00000	8.00000	99.00000			4.8750	0.0	2.9164	
-2.00000	8.00000	99.00000			5.2500	0.0	2.8042	
-1.00000	8.00000	99.00000			5.6250	0.0	2.3827	
0.00000	8.00000	99.00000			6.0000	0.0	1.5596	
1.00000	8.00000	99.00000						Point lies within an excavation.
2.00000	8.00000	99.00000						Point lies within an excavation.
3.00000	8.00000	99.00000						Point lies within an excavation.
4.00000	8.00000	99.00000						Point lies within an excavation.
5.00000	8.00000	99.00000						Point lies within an excavation.
6.00000	8.00000	99.00000						Point lies within an excavation.
7.00000	8.00000	99.00000						Point lies within an excavation.
8.00000	8.00000	99.00000						Point lies within an excavation.
9.00000	8.00000	99.00000						Point lies within an excavation.
10.00000	8.00000	99.00000						Point lies within an excavation.
11.00000	8.00000	99.00000						Point lies within an excavation.
12.00000	8.00000	99.00000						Point lies within an excavation.
13.00000	8.00000	99.00000						Point lies within an excavation.
14.00000	8.00000	99.00000						Point lies within an excavation.
15.00000	8.00000	99.00000						Point lies within an excavation.
16.00000	8.00000	99.00000						Point lies within an excavation.
17.00000	8.00000	99.00000						Point lies within an excavation.
18.00000	8.00000	99.00000						Point lies within an excavation.
19.00000	8.00000	99.00000						Point lies within an excavation.
20.00000	8.00000	99.00000			0.0	0.0		0.0
21.00000	8.00000	99.00000						Point lies within an excavation.
22.00000	8.00000	99.00000						Point lies within an excavation.
23.00000	8.00000	99.00000						Point lies within an excavation.
24.00000	8.00000	99.00000						Point lies within an excavation.
25.00000	8.00000	99.00000						Point lies within an excavation.
26.00000	8.00000	99.00000						Point lies within an excavation.
27.00000	8.00000	99.00000						Point lies within an excavation.
28.00000	8.00000	99.00000						Point lies within an excavation.
29.00000	8.00000	99.00000						Point lies within an excavation.
30.00000	8.00000	99.00000						Point lies within an excavation.
31.00000	8.00000	99.00000						Point lies within an excavation.
32.00000	8.00000	99.00000						Point lies within an excavation.
33.00000	8.00000	99.00000						Point lies within an excavation.
34.00000	8.00000	99.00000						Point lies within an excavation.
35.00000	8.00000	99.00000			-6.0000	0.0	1.5596	
36.00000	8.00000	99.00000			-5.6250	0.0	2.3827	
37.00000	8.00000	99.00000			-5.2500	0.0	2.8042	
38.00000	8.00000	99.00000			-4.8750	0.0	2.9164	
39.00000	8.00000	99.00000			-4.5000	0.0	2.8010	
40.00000	8.00000	99.00000			-4.1250	0.0	2.5304	
41.00000	8.00000	99.00000			-3.7500	0.0	2.1667	
42.00000	8.00000	99.00000			-3.3750	0.0	1.7622	
43.00000	8.00000	99.00000			-3.0000	0.0	1.3592	
44.00000	8.00000	99.00000			-2.6250	0.0	0.99033	
45.00000	8.00000	99.00000			-2.2500	0.0	0.67798	
46.00000	8.00000	99.00000			-1.8750	0.0	0.43481	
47.00000	8.00000	99.00000			-1.5000	0.0	0.26350	
48.00000	8.00000	99.00000			-1.1250	0.0	0.15682	
49.00000	8.00000	99.00000			-0.75000	0.0	0.097612	
50.00000	8.00000	99.00000			-0.37500	0.0	0.058816	
51.00000	8.00000	99.00000			0.0	0.0	0.0034348	
52.00000	8.00000	99.00000			0.0	0.0	0.0	
53.00000	8.00000	99.00000			0.0	0.0	0.0	
54.00000	8.00000	99.00000			0.0	0.0	0.0	
55.00000	8.00000	99.00000			0.0	0.0	0.0	
56.00000	8.00000	99.00000			0.0	0.0	0.0	
57.00000	8.00000	99.00000			0.0	0.0	0.0	
58.00000	8.00000	99.00000			0.0	0.0	0.0	
59.00000	8.00000	99.00000			0.0	0.0	0.0	
60.00000	8.00000	99.00000			0.0	0.0	0.0	
61.00000	8.00000	99.00000			0.0	0.0	0.0	
62.00000	8.00000	99.00000			0.0	0.0	0.0	
63.00000	8.00000	99.00000			0.0	0.0	0.0	
64.00000	8.00000	99.00000			0.0	0.0	0.0	
65.00000	8.00000	99.00000			0.0	0.0	0.0	
-30.00000	9.00000	99.00000			0.0	0.0	0.0	
-29.00000	9.00000	99.00000			0.0	0.0	0.0	
-28.00000	9.00000	99.00000			0.0	0.0	0.0	
-27.00000	9.00000	99.00000			0.0	0.0	0.0	
-26.00000	9.00000	99.00000			0.0	0.0	0.0	
-25.00000	9.00000	99.00000			0.0	0.0	0.0	
-24.00000	9.00000	99.00000			0.0	0.0	0.0	
-23.00000	9.00000	99.00000			0.0	0.0	0.0	
-22.00000	9.00000	99.00000			0.0	0.0	0.0	
-21.00000	9.00000	99.00000			0.0	0.0	0.0	
-20.00000	9.00000	99.00000			0.0	0.0	0.0	
-19.00000	9.00000	99.00000			0.0	0.0	0.0	
-18.00000	9.00000	99.00000			0.0	0.0	0.0	
-17.00000	9.00000	99.00000			0.0	0.0	0.0	
-16.00000	9.00000	99.00000			0.0	0.0	0.0034348	
-15.00000	9.00000	99.00000			0.37500	0.0	0.058816	
-14.00000	9.00000	99.00000			0.75000	0.0	0.097612	
-13.00000	9.00000	99.00000			1.1250	0.0	0.15682	
-12.00000	9.00000	99.00000			1.5000	0.0	0.26350	
-11.00000	9.00000	99.00000			1.8750	0.0	0.43481	
-10.00000	9.00000	99.00000			2.2500	0.0	0.67798	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist.	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	36.00000	10.00000	99.00000	-5.6250	0.0	2.3827	
	37.00000	10.00000	99.00000	-5.2500	0.0	2.8042	
	38.00000	10.00000	99.00000	-4.8750	0.0	2.9164	
	39.00000	10.00000	99.00000	-4.5000	0.0	2.8010	
	40.00000	10.00000	99.00000	-4.1250	0.0	2.5304	
	41.00000	10.00000	99.00000	-3.7500	0.0	2.1667	
	42.00000	10.00000	99.00000	-3.3750	0.0	1.7622	
	43.00000	10.00000	99.00000	-3.0000	0.0	1.3592	
	44.00000	10.00000	99.00000	-2.6250	0.0	0.99033	
	45.00000	10.00000	99.00000	-2.2500	0.0	0.67798	
	46.00000	10.00000	99.00000	-1.8750	0.0	0.43481	
	47.00000	10.00000	99.00000	-1.5000	0.0	0.26350	
	48.00000	10.00000	99.00000	-1.1250	0.0	0.15682	
	49.00000	10.00000	99.00000	-0.75000	0.0	0.097612	
	50.00000	10.00000	99.00000	-0.37500	0.0	0.058816	
	51.00000	10.00000	99.00000	0.0	0.0	0.0034348	
	52.00000	10.00000	99.00000	0.0	0.0	0.0	
	53.00000	10.00000	99.00000	0.0	0.0	0.0	
	54.00000	10.00000	99.00000	0.0	0.0	0.0	
	55.00000	10.00000	99.00000	0.0	0.0	0.0	
	56.00000	10.00000	99.00000	0.0	0.0	0.0	
	57.00000	10.00000	99.00000	0.0	0.0	0.0	
	58.00000	10.00000	99.00000	0.0	0.0	0.0	
	59.00000	10.00000	99.00000	0.0	0.0	0.0	
	60.00000	10.00000	99.00000	0.0	0.0	0.0	
	61.00000	10.00000	99.00000	0.0	0.0	0.0	
	62.00000	10.00000	99.00000	0.0	0.0	0.0	
	63.00000	10.00000	99.00000	0.0	0.0	0.0	
	64.00000	10.00000	99.00000	0.0	0.0	0.0	
	65.00000	10.00000	99.00000	0.0	0.0	0.0	
	-30.00000	11.00000	99.00000	0.0	0.0	0.0	
	-29.00000	11.00000	99.00000	0.0	0.0	0.0	
	-28.00000	11.00000	99.00000	0.0	0.0	0.0	
	-27.00000	11.00000	99.00000	0.0	0.0	0.0	
	-26.00000	11.00000	99.00000	0.0	0.0	0.0	
	-25.00000	11.00000	99.00000	0.0	0.0	0.0	
	-24.00000	11.00000	99.00000	0.0	0.0	0.0	
	-23.00000	11.00000	99.00000	0.0	0.0	0.0	
	-22.00000	11.00000	99.00000	0.0	0.0	0.0	
	-21.00000	11.00000	99.00000	0.0	0.0	0.0	
	-20.00000	11.00000	99.00000	0.0	0.0	0.0	
	-19.00000	11.00000	99.00000	0.0	0.0	0.0	
	-18.00000	11.00000	99.00000	0.0	0.0	0.0	
	-17.00000	11.00000	99.00000	0.0	0.0	0.0	
	-16.00000	11.00000	99.00000	0.0	0.0034348	0.0	
	-15.00000	11.00000	99.00000	0.37500	0.0	0.058816	
	-14.00000	11.00000	99.00000	0.75000	0.0	0.097612	
	-13.00000	11.00000	99.00000	1.12500	0.0	0.15682	
	-12.00000	11.00000	99.00000	1.50000	0.0	0.26350	
	-11.00000	11.00000	99.00000	1.87500	0.0	0.43481	
	-10.00000	11.00000	99.00000	2.25000	0.0	0.67798	
	-9.00000	11.00000	99.00000	2.62500	0.0	0.99033	
	-8.00000	11.00000	99.00000	3.00000	0.0	1.3592	
	-7.00000	11.00000	99.00000	3.37500	0.0	1.7622	
	-6.00000	11.00000	99.00000	3.75000	0.0	2.1667	
	-5.00000	11.00000	99.00000	4.12500	0.0	2.5304	
	-4.00000	11.00000	99.00000	4.50000	0.0	2.8010	
	-3.00000	11.00000	99.00000	4.87500	0.0	2.9164	
	-2.00000	11.00000	99.00000	5.25000	0.0	2.8042	
	-1.00000	11.00000	99.00000	5.62500	0.0	2.3827	
	0.00000	11.00000	99.00000	6.00000	0.0	1.5596	
	1.00000	11.00000	99.00000				Point lies within an excavation.
	2.00000	11.00000	99.00000				Point lies within an excavation.
	3.00000	11.00000	99.00000				Point lies within an excavation.
	4.00000	11.00000	99.00000				Point lies within an excavation.
	5.00000	11.00000	99.00000				Point lies within an excavation.
	6.00000	11.00000	99.00000				Point lies within an excavation.
	7.00000	11.00000	99.00000				Point lies within an excavation.
	8.00000	11.00000	99.00000				Point lies within an excavation.
	9.00000	11.00000	99.00000				Point lies within an excavation.
	10.00000	11.00000	99.00000				Point lies within an excavation.
	11.00000	11.00000	99.00000				Point lies within an excavation.
	12.00000	11.00000	99.00000				Point lies within an excavation.
	13.00000	11.00000	99.00000				Point lies within an excavation.
	14.00000	11.00000	99.00000				Point lies within an excavation.
	15.00000	11.00000	99.00000				Point lies within an excavation.
	16.00000	11.00000	99.00000				Point lies within an excavation.
	17.00000	11.00000	99.00000				Point lies within an excavation.
	18.00000	11.00000	99.00000				Point lies within an excavation.
	19.00000	11.00000	99.00000				Point lies within an excavation.
	20.00000	11.00000	99.00000	0.0	0.0	0.0	
	21.00000	11.00000	99.00000				Point lies within an excavation.
	22.00000	11.00000	99.00000				Point lies within an excavation.
	23.00000	11.00000	99.00000				Point lies within an excavation.
	24.00000	11.00000	99.00000				Point lies within an excavation.
	25.00000	11.00000	99.00000				Point lies within an excavation.
	26.00000	11.00000	99.00000				Point lies within an excavation.
	27.00000	11.00000	99.00000				Point lies within an excavation.
	28.00000	11.00000	99.00000				Point lies within an excavation.
	29.00000	11.00000	99.00000				Point lies within an excavation.
	30.00000	11.00000	99.00000				Point lies within an excavation.
	31.00000	11.00000	99.00000				Point lies within an excavation.
	32.00000	11.00000	99.00000				Point lies within an excavation.
	33.00000	11.00000	99.00000				Point lies within an excavation.
	34.00000	11.00000	99.00000				Point lies within an excavation.
	35.00000	11.00000	99.00000	-6.0000	0.0	1.5596	
	36.00000	11.00000	99.00000	-5.6250	0.0	2.3827	
	37.00000	11.00000	99.00000	-5.2500	0.0	2.8042	
	38.00000	11.00000	99.00000	-4.8750	0.0	2.9164	
	39.00000	11.00000	99.00000	-4.5000	0.0	2.8010	
	40.00000	11.00000	99.00000	-4.1250	0.0	2.5304	
	41.00000	11.00000	99.00000	-3.7500	0.0	2.1667	
	42.00000	11.00000	99.00000	-3.3750	0.0	1.7622	
	43.00000	11.00000	99.00000	-3.0000	0.0	1.3592	
	44.00000	11.00000	99.00000	-2.6250	0.0	0.99033	
	45.00000	11.00000	99.00000	-2.2500	0.0	0.67798	
	46.00000	11.00000	99.00000	-1.8750	0.0	0.43481	
	47.00000	11.00000	99.00000	-1.5000	0.0	0.26350	
	48.00000	11.00000	99.00000	-1.1250	0.0	0.15682	
	49.00000	11.00000	99.00000	-0.75000	0.0	0.097612	
	50.00000	11.00000	99.00000	-0.37500	0.0	0.058816	
	51.00000	11.00000	99.00000	0.0	0.0	0.0034348	
	52.00000	11.00000	99.00000	0.0	0.0	0.0	
	53.00000	11.00000	99.00000	0.0	0.0	0.0	
	54.00000	11.00000	99.00000	0.0	0.0	0.0	
	55.00000	11.00000	99.00000	0.0	0.0	0.0	
	56.00000	11.00000	99.00000	0.0	0.0	0.0	
	57.00000	11.00000	99.00000	0.0	0.0	0.0	
	58.00000	11.00000	99.00000	0.0	0.0	0.0	
	59.00000	11.00000	99.00000	0.0	0.0	0.0	
	60.00000	11.00000	99.00000	0.0	0.0	0.0	
	61.00000	11.00000	99.00000	0.0	0.0	0.0	
	62.00000	11.00000	99.00000	0.0	0.0	0.0	
	63.00000	11.00000	99.00000	0.0	0.0	0.0	
	64.00000	11.00000	99.00000	0.0	0.0	0.0	
	65.00000	11.00000	99.00000	0.0	0.0	0.0	
	-30.00000	12.00000	99.00000	0.0	0.0	0.0	
	-29.00000	12.00000	99.00000	0.0	0.0	0.0	
	-28.00000	12.00000	99.00000	0.0	0.0	0.0	
	-27.00000	12.00000	99.00000	0.0	0.0	0.0	
	-26.00000	12.00000	99.00000	0.0	0.0	0.0	
	-25.00000	12.00000	99.00000	0.0	0.0	0.0	
	-24.00000	12.00000	99.00000	0.0	0.0	0.0	
	-23.00000	12.00000	99.00000	0.0	0.0	0.0	
	-22.00000	12.00000	99.00000	0.0	0.0	0.0	
	-21.00000	12.00000	99.00000	0.0	0.0	0.0	
	-20.00000	12.00000	99.00000	0.0	0.0	0.0	
	-19.00000	12.00000	99.00000	0.0	0.0	0.0	
	-18.00000	12.00000	99.00000	0.0	0.0	0.0	
	-17.00000	12.00000	99.00000	0.0	0.0	0.0	
	-16.00000	12.00000	99.00000	0.0	0.0	0.0023013	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-15.00000	12.00000	99.00000	0.25125	0.0	0.039407	
	-14.00000	12.00000	99.00000	0.50250	0.0	0.065400	
	-13.00000	12.00000	99.00000	0.75375	0.0	0.10507	
	-12.00000	12.00000	99.00000	1.00500	0.0	0.17654	
	-11.00000	12.00000	99.00000	1.25625	0.0	0.29132	
	-10.00000	12.00000	99.00000	1.50750	0.0	0.45425	
	-9.00000	12.00000	99.00000	1.75875	0.0	0.66352	
	-8.00000	12.00000	99.00000	2.01000	0.0	0.91069	
	-7.00000	12.00000	99.00000	2.26125	0.0	1.1807	
	-6.00000	12.00000	99.00000	2.51250	0.0	1.4517	
	-5.00000	12.00000	99.00000	2.76375	0.0	1.6954	
	-4.00000	12.00000	99.00000	3.01500	0.0	1.8767	
	-3.00000	12.00000	99.00000	3.26625	0.0	1.9540	
	-2.00000	12.00000	99.00000	3.51750	0.0	1.8788	
	-1.00000	12.00000	99.00000	3.76875	0.0	1.5964	
	0.00000	12.00000	99.00000	4.02000	0.0	1.0449	
	1.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	2.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	3.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	4.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	5.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	6.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	7.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	8.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	9.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	10.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	11.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	12.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	13.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	14.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	15.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	16.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	17.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	18.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	19.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	20.00000	12.00000	99.00000	0.0	-4.0200	1.0449	
	21.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	22.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	23.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	24.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	25.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	26.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	27.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	28.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	29.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	30.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	31.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	32.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	33.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	34.00000	12.00000	99.00000	0.0	-6.0000	1.5596	
	35.00000	12.00000	99.00000	0.0	-4.0200	1.0449	
	36.00000	12.00000	99.00000	-3.76875	0.0	1.5964	
	37.00000	12.00000	99.00000	-3.51750	0.0	1.8788	
	38.00000	12.00000	99.00000	-3.26625	0.0	1.9540	
	39.00000	12.00000	99.00000	-3.01500	0.0	1.8767	
	40.00000	12.00000	99.00000	-2.76375	0.0	1.6954	
	41.00000	12.00000	99.00000	-2.51250	0.0	1.4517	
	42.00000	12.00000	99.00000	-2.26125	0.0	1.1807	
	43.00000	12.00000	99.00000	-2.01000	0.0	0.91069	
	44.00000	12.00000	99.00000	-1.75875	0.0	0.66352	
	45.00000	12.00000	99.00000	-1.50750	0.0	0.45425	
	46.00000	12.00000	99.00000	-1.25625	0.0	0.29132	
	47.00000	12.00000	99.00000	-1.00500	0.0	0.17654	
	48.00000	12.00000	99.00000	-0.75375	0.0	0.10507	
	49.00000	12.00000	99.00000	-0.50250	0.0	0.065400	
	50.00000	12.00000	99.00000	-0.25125	0.0	0.039407	
	51.00000	12.00000	99.00000	0.0	0.0	0.0023013	
	52.00000	12.00000	99.00000	0.0	0.0	0.0	
	53.00000	12.00000	99.00000	0.0	0.0	0.0	
	54.00000	12.00000	99.00000	0.0	0.0	0.0	
	55.00000	12.00000	99.00000	0.0	0.0	0.0	
	56.00000	12.00000	99.00000	0.0	0.0	0.0	
	57.00000	12.00000	99.00000	0.0	0.0	0.0	
	58.00000	12.00000	99.00000	0.0	0.0	0.0	
	59.00000	12.00000	99.00000	0.0	0.0	0.0	
	60.00000	12.00000	99.00000	0.0	0.0	0.0	
	61.00000	12.00000	99.00000	0.0	0.0	0.0	
	62.00000	12.00000	99.00000	0.0	0.0	0.0	
	63.00000	12.00000	99.00000	0.0	0.0	0.0	
	64.00000	12.00000	99.00000	0.0	0.0	0.0	
	65.00000	12.00000	99.00000	0.0	0.0	0.0	
	-30.00000	13.00000	99.00000	0.0	0.0	0.0	
	-29.00000	13.00000	99.00000	0.0	0.0	0.0	
	-28.00000	13.00000	99.00000	0.0	0.0	0.0	
	-27.00000	13.00000	99.00000	0.0	0.0	0.0	
	-26.00000	13.00000	99.00000	0.0	0.0	0.0	
	-25.00000	13.00000	99.00000	0.0	0.0	0.0	
	-24.00000	13.00000	99.00000	0.0	0.0	0.0	
	-23.00000	13.00000	99.00000	0.0	0.0	0.0	
	-22.00000	13.00000	99.00000	0.0	0.0	0.0	
	-21.00000	13.00000	99.00000	0.0	0.0	0.0	
	-20.00000	13.00000	99.00000	0.0	0.0	0.0	
	-19.00000	13.00000	99.00000	0.0	0.0	0.0	
	-18.00000	13.00000	99.00000	0.0	0.0	0.0	
	-17.00000	13.00000	99.00000	0.0	0.0	0.0	
	-16.00000	13.00000	99.00000	0.0	0.0	0.0	
	-15.00000	13.00000	99.00000	0.23713	-0.015809	0.037678	
	-14.00000	13.00000	99.00000	0.48094	-0.034353	0.062883	
	-13.00000	13.00000	99.00000	0.72351	-0.055654	0.10050	
	-12.00000	13.00000	99.00000	0.96449	-0.080374	0.16812	
	-11.00000	13.00000	99.00000	1.2034	-0.10940	0.27674	
	-10.00000	13.00000	99.00000	1.4397	-0.14397	0.43066	
	-9.00000	13.00000	99.00000	1.6722	-0.18580	0.62756	
	-8.00000	13.00000	99.00000	1.8995	-0.23743	0.85851	
	-7.00000	13.00000	99.00000	2.1190	-0.30272	1.1079	
	-6.00000	13.00000	99.00000	2.3267	-0.38778	1.3536	
	-5.00000	13.00000	99.00000	2.5144	-0.50288	1.5667	
	-4.00000	13.00000	99.00000	2.6659	-0.66646	1.7119	
	-3.00000	13.00000	99.00000	2.7419	-0.91396	1.7477	
	-2.00000	13.00000	99.00000	2.6298	-1.3149	1.6266	
	-1.00000	13.00000	99.00000	1.9338	-1.9338	1.3003	
	0.00000	13.00000	99.00000	0.0	-3.7687	1.5964	
	1.00000	13.00000	99.00000	0.0	-5.6250	2.3827	
	2.00000	13.00000	99.00000	0.0	-5.6250	2.3827	
	3.00000	13.00000	99.00000	0.0	-5.6250	2.3827	
	4.00000	13.00000	99.00000	0.0	-5.6250	2.3827	
	5.00000	13.00000	99.00000	0.0076644	-5.6255	2.3839	
	6.00000	13.00000	99.00000	0.016677	-5.6262	2.3848	
	7.00000	13.00000	99.00000	0.027060	-5.6271	2.3864	
	8.00000	13.00000	99.00000	0.039149	-5.6283	2.3895	
	9.00000	13.00000	99.00000	0.053398	-5.6299	2.3949	
	10.00000	13.00000	99.00000	0.070438	-5.6320	2.4037	
	11.00000	13.00000	99.00000	0.091169	-5.6351	2.4169	
	12.00000	13.00000	99.00000	0.11692	-5.6396	2.4355	
	13.00000	13.00000	99.00000	0.14972	-5.6464	2.4609	
	14.00000	13.00000	99.00000	0.19284	-5.6571	2.4948	
	15.00000	13.00000	99.00000	0.25186	-5.6754	2.5396	
	16.00000	13.00000	99.00000	0.33694	-5.7092	2.5990	
	17.00000	13.00000	99.00000	0.46775	-5.7809	2.6808	
	18.00000	13.00000	99.00000	0.68133	-5.9657	2.8041	
	19.00000	13.00000	99.00000	0.96691	-6.5919	3.0328	
	20.00000	13.00000	99.00000	0.0	-7.5375	3.1928	
	21.00000	13.00000	99.00000	-0.96691	-6.5919	3.0328	
	22.00000	13.00000	99.00000	-0.68133	-5.9657	2.8041	
	23.00000	13.00000	99.00000	-0.46775	-5.7809	2.6808	
	24.00000	13.00000	99.00000	-0.33694	-5.7092	2.5990	
	25.00000	13.00000	99.00000	-0.25186	-5.6754	2.5396	
	26.00000	13.00000	99.00000	-0.19284	-5.6571	2.4948	
	27.00000	13.00000	99.00000	-0.14972	-5.6464	2.4609	
	28.00000	13.00000	99.00000	-0.11692	-5.6396	2.4355	
	29.00000	13.00000	99.00000	-0.091169	-5.6351	2.4169	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	30.00000	13.00000	99.00000	-0.070438	-5.6320	2.4037	
	31.00000	13.00000	99.00000	-0.053398	-5.6299	2.3949	
	32.00000	13.00000	99.00000	-0.039149	-5.6283	2.3895	
	33.00000	13.00000	99.00000	-0.027060	-5.6271	2.3864	
	34.00000	13.00000	99.00000	-0.016677	-5.6262	2.3848	
	35.00000	13.00000	99.00000	-0.007644	-3.7693	1.9276	
	36.00000	13.00000	99.00000	-1.9338	-1.9338	1.3003	
	37.00000	13.00000	99.00000	-2.6298	-1.3149	1.6266	
	38.00000	13.00000	99.00000	-2.7419	-0.91396	1.7477	
	39.00000	13.00000	99.00000	-2.6659	-0.66646	1.7119	
	40.00000	13.00000	99.00000	-2.5144	-0.50288	1.5667	
	41.00000	13.00000	99.00000	-2.3267	-0.38778	1.3536	
	42.00000	13.00000	99.00000	-2.1190	-0.30272	1.1079	
	43.00000	13.00000	99.00000	-1.8995	-0.23743	0.85851	
	44.00000	13.00000	99.00000	-1.6722	-0.18590	0.62756	
	45.00000	13.00000	99.00000	-1.4397	-0.14397	0.43066	
	46.00000	13.00000	99.00000	-1.2034	-0.10940	0.27674	
	47.00000	13.00000	99.00000	-0.96449	-0.080374	0.16812	
	48.00000	13.00000	99.00000	-0.72351	-0.055654	0.10050	
	49.00000	13.00000	99.00000	-0.48094	-0.034353	0.062883	
	50.00000	13.00000	99.00000	-0.23713	-0.015809	0.037678	
	51.00000	13.00000	99.00000	0.0	0.0	0.0	
	52.00000	13.00000	99.00000	0.0	0.0	0.0	
	53.00000	13.00000	99.00000	0.0	0.0	0.0	
	54.00000	13.00000	99.00000	0.0	0.0	0.0	
	55.00000	13.00000	99.00000	0.0	0.0	0.0	
	56.00000	13.00000	99.00000	0.0	0.0	0.0	
	57.00000	13.00000	99.00000	0.0	0.0	0.0	
	58.00000	13.00000	99.00000	0.0	0.0	0.0	
	59.00000	13.00000	99.00000	0.0	0.0	0.0	
	60.00000	13.00000	99.00000	0.0	0.0	0.0	
	61.00000	13.00000	99.00000	0.0	0.0	0.0	
	62.00000	13.00000	99.00000	0.0	0.0	0.0	
	63.00000	13.00000	99.00000	0.0	0.0	0.0	
	64.00000	13.00000	99.00000	0.0	0.0	0.0	
	65.00000	13.00000	99.00000	0.0	0.0	0.0	
	-30.00000	14.00000	99.00000	0.0	0.0	0.0	
	-29.00000	14.00000	99.00000	0.0	0.0	0.0	
	-28.00000	14.00000	99.00000	0.0	0.0	0.0	
	-27.00000	14.00000	99.00000	0.0	0.0	0.0	
	-26.00000	14.00000	99.00000	0.0	0.0	0.0	
	-25.00000	14.00000	99.00000	0.0	0.0	0.0	
	-24.00000	14.00000	99.00000	0.0	0.0	0.0	
	-23.00000	14.00000	99.00000	0.0	0.0	0.0	
	-22.00000	14.00000	99.00000	0.0	0.0	0.0	
	-21.00000	14.00000	99.00000	0.0	0.0	0.0	
	-20.00000	14.00000	99.00000	0.0	0.0	0.0	
	-19.00000	14.00000	99.00000	0.0	0.0	0.0	
	-18.00000	14.00000	99.00000	0.0	0.0	0.0	
	-17.00000	14.00000	99.00000	0.0	0.0	0.0	
	-16.00000	14.00000	99.00000	0.0	0.0	0.0	
	-15.00000	14.00000	99.00000	0.20674	-0.027565	0.034206	
	-14.00000	14.00000	99.00000	0.44091	-0.062988	0.058562	
	-13.00000	14.00000	99.00000	0.67214	-0.10341	0.092515	
	-12.00000	14.00000	99.00000	0.89960	-0.14993	0.15331	
	-11.00000	14.00000	99.00000	1.1222	-0.20403	0.25160	
	-10.00000	14.00000	99.00000	1.3383	-0.26766	0.39149	
	-9.00000	14.00000	99.00000	1.5455	-0.34345	0.57056	
	-8.00000	14.00000	99.00000	1.7404	-0.43510	0.77998	
	-7.00000	14.00000	99.00000	1.9172	-0.54777	1.0046	
	-6.00000	14.00000	99.00000	2.0665	-0.68883	1.2233	
	-5.00000	14.00000	99.00000	2.1718	-0.86873	1.4093	
	-4.00000	14.00000	99.00000	2.2026	-1.1013	1.5315	
	-3.00000	14.00000	99.00000	2.0989	-1.3993	1.5570	
	-2.00000	14.00000	99.00000	1.7463	-1.7463	1.4577	
	-1.00000	14.00000	99.00000	1.3149	-2.6298	1.6266	
	0.00000	14.00000	99.00000	0.0	-3.5175	1.8788	
	1.00000	14.00000	99.00000	0.0	-5.2500	2.8042	
	2.00000	14.00000	99.00000	0.0	-5.2500	2.8042	
	3.00000	14.00000	99.00000	0.0	-5.2500	2.8042	
	4.00000	14.00000	99.00000	0.0	-5.2500	2.8042	
	5.00000	14.00000	99.00000	0.013601	-5.2518	2.8065	
	6.00000	14.00000	99.00000	0.031152	-5.2545	2.8084	
	7.00000	14.00000	99.00000	0.051273	-5.2579	2.8113	
	8.00000	14.00000	99.00000	0.074561	-5.2624	2.8170	
	9.00000	14.00000	99.00000	0.10180	-5.2685	2.8271	
	10.00000	14.00000	99.00000	0.13405	-5.2768	2.8435	
	11.00000	14.00000	99.00000	0.17277	-5.2884	2.8680	
	12.00000	14.00000	99.00000	0.21997	-5.3050	2.9028	
	13.00000	14.00000	99.00000	0.27853	-5.3296	2.9502	
	14.00000	14.00000	99.00000	0.35253	-5.3675	3.0129	
	15.00000	14.00000	99.00000	0.44764	-5.4291	3.0947	
	16.00000	14.00000	99.00000	0.57064	-5.5353	3.2010	
	17.00000	14.00000	99.00000	0.72383	-5.7326	3.3412	
	18.00000	14.00000	99.00000	0.87316	-6.1232	3.5331	
	19.00000	14.00000	99.00000	0.97423	-7.1985	4.0094	
	20.00000	14.00000	99.00000	0.0	-7.0350	3.7577	
	21.00000	14.00000	99.00000	-0.97423	-7.1985	4.0094	
	22.00000	14.00000	99.00000	-0.87316	-6.1232	3.5331	
	23.00000	14.00000	99.00000	-0.72383	-5.7326	3.3412	
	24.00000	14.00000	99.00000	-0.57064	-5.5353	3.2010	
	25.00000	14.00000	99.00000	-0.44764	-5.4291	3.0947	
	26.00000	14.00000	99.00000	-0.35253	-5.3675	3.0129	
	27.00000	14.00000	99.00000	-0.27853	-5.3296	2.9502	
	28.00000	14.00000	99.00000	-0.21997	-5.3050	2.9028	
	29.00000	14.00000	99.00000	-0.17277	-5.2884	2.8680	
	30.00000	14.00000	99.00000	-0.13405	-5.2768	2.8435	
	31.00000	14.00000	99.00000	-0.10180	-5.2685	2.8271	
	32.00000	14.00000	99.00000	-0.074561	-5.2624	2.8170	
	33.00000	14.00000	99.00000	-0.051273	-5.2579	2.8113	
	34.00000	14.00000	99.00000	-0.031152	-5.2545	2.8084	
	35.00000	14.00000	99.00000	-0.013601	-3.5193	1.8811	
	36.00000	14.00000	99.00000	-1.3149	-2.6298	1.6266	
	37.00000	14.00000	99.00000	-1.7463	-1.7463	1.4577	
	38.00000	14.00000	99.00000	-2.0989	-1.3993	1.5570	
	39.00000	14.00000	99.00000	-2.2026	-1.1013	1.5315	
	40.00000	14.00000	99.00000	-2.1718	-0.86873	1.4093	
	41.00000	14.00000	99.00000	-2.0665	-0.68883	1.2233	
	42.00000	14.00000	99.00000	-1.9172	-0.54777	1.0046	
	43.00000	14.00000	99.00000	-1.7404	-0.43510	0.77998	
	44.00000	14.00000	99.00000	-1.5455	-0.34345	0.57056	
	45.00000	14.00000	99.00000	-1.3383	-0.26766	0.39149	
	46.00000	14.00000	99.00000	-1.1222	-0.20403	0.25160	
	47.00000	14.00000	99.00000	-0.89960	-0.14993	0.15331	
	48.00000	14.00000	99.00000	-0.67214	-0.10341	0.092515	
	49.00000	14.00000	99.00000	-0.44091	-0.062988	0.058562	
	50.00000	14.00000	99.00000	-0.20674	-0.027565	0.034206	
	51.00000	14.00000	99.00000	0.0	0.0	0.0	
	52.00000	14.00000	99.00000	0.0	0.0	0.0	
	53.00000	14.00000	99.00000	0.0	0.0	0.0	
	54.00000	14.00000	99.00000	0.0	0.0	0.0	
	55.00000	14.00000	99.00000	0.0	0.0	0.0	
	56.00000	14.00000	99.00000	0.0	0.0	0.0	
	57.00000	14.00000	99.00000	0.0	0.0	0.0	
	58.00000	14.00000	99.00000	0.0	0.0	0.0	
	59.00000	14.00000	99.00000	0.0	0.0	0.0	
	60.00000	14.00000	99.00000	0.0	0.0	0.0	
	61.00000	14.00000	99.00000	0.0	0.0	0.0	
	62.00000	14.00000	99.00000	0.0	0.0	0.0	
	63.00000	14.00000	99.00000	0.0	0.0	0.0	
	64.00000	14.00000	99.00000	0.0	0.0	0.0	
	65.00000	14.00000	99.00000	0.0	0.0	0.0	
	-30.00000	15.00000	99.00000	0.0	0.0	0.0	
	-29.00000	15.00000	99.00000	0.0	0.0	0.0	
	-28.00000	15.00000	99.00000	0.0	0.0	0.0	
	-27.00000	15.00000	99.00000	0.0	0.0	0.0	
	-26.00000	15.00000	99.00000	0.0	0.0	0.0	
	-25.00000	15.00000	99.00000	0.0	0.0	0.0	
	-24.00000	15.00000	99.00000	0.0	0.0	0.0	
	-23.00000	15.00000	99.00000	0.0	0.0	0.0	
	-22.00000	15.00000	99.00000	0.0	0.0	0.0	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-21.00000	15.00000	99.00000	0.0	0.0	0.0	
	-20.00000	15.00000	99.00000	0.0	0.0	0.0	
	-19.00000	15.00000	99.00000	0.0	0.0	0.0	
	-18.00000	15.00000	99.00000	0.0	0.0	0.0	
	-17.00000	15.00000	99.00000	0.0	0.0	0.0	
	-16.00000	15.00000	99.00000	0.0	0.0	0.0	
	-15.00000	15.00000	99.00000	0.16214	-0.032428	0.028869	
	-14.00000	15.00000	99.00000	0.38508	-0.082518	0.052837	
	-13.00000	15.00000	99.00000	0.60312	-0.13918	0.082210	
	-12.00000	15.00000	99.00000	0.81493	-0.20373	0.13405	
	-11.00000	15.00000	99.00000	1.0187	-0.27783	0.21894	
	-10.00000	15.00000	99.00000	1.2120	-0.36359	0.34109	
	-9.00000	15.00000	99.00000	1.3911	-0.46370	0.49841	
	-8.00000	15.00000	99.00000	1.5507	-0.58153	0.68277	
	-7.00000	15.00000	99.00000	1.6829	-0.72126	0.88028	
	-6.00000	15.00000	99.00000	1.7753	-0.88766	1.0719	
	-5.00000	15.00000	99.00000	1.8084	-1.0850	1.2345	
	-4.00000	15.00000	99.00000	1.7514	-1.3135	1.3429	
	-3.00000	15.00000	99.00000	1.5588	-1.5588	1.3735	
	-2.00000	15.00000	99.00000	1.3993	-2.0989	1.5570	
	-1.00000	15.00000	99.00000	0.91396	-2.7419	1.7477	
	0.00000	15.00000	99.00000	0.0	-3.2662	1.9540	
	1.00000	15.00000	99.00000	0.0	-4.8750	2.9164	
	2.00000	15.00000	99.00000	0.0	-4.8750	2.9164	
	3.00000	15.00000	99.00000	0.0	-4.8750	2.9164	
	4.00000	15.00000	99.00000	0.0	-4.8750	2.9164	
	5.00000	15.00000	99.00000	0.016241	-4.8782	2.9192	
	6.00000	15.00000	99.00000	0.041446	-4.8839	2.9220	
	7.00000	15.00000	99.00000	0.070124	-4.8912	2.9259	
	8.00000	15.00000	99.00000	0.10300	-4.9007	2.9333	
	9.00000	15.00000	99.00000	0.14099	-4.9135	2.9467	
	10.00000	15.00000	99.00000	0.18526	-4.9306	2.9685	
	11.00000	15.00000	99.00000	0.23731	-4.9541	3.0014	
	12.00000	15.00000	99.00000	0.29897	-4.9871	3.0480	
	13.00000	15.00000	99.00000	0.37245	-5.0346	3.1112	
	14.00000	15.00000	99.00000	0.45995	-5.1050	3.1941	
	15.00000	15.00000	99.00000	0.56250	-5.2125	3.3004	
	16.00000	15.00000	99.00000	0.67595	-5.3820	3.4347	
	17.00000	15.00000	99.00000	0.77941	-5.6544	3.6031	
	18.00000	15.00000	99.00000	0.91670	-6.2501	3.9264	
	19.00000	15.00000	99.00000	0.75805	-7.1491	3.3659	
	20.00000	15.00000	99.00000	0.0	-6.5325	3.9079	
	21.00000	15.00000	99.00000	-0.75805	-7.1491	4.3659	
	22.00000	15.00000	99.00000	-0.91670	-6.2501	3.9264	
	23.00000	15.00000	99.00000	-0.77941	-5.6544	3.6031	
	24.00000	15.00000	99.00000	-0.67595	-5.3820	3.4347	
	25.00000	15.00000	99.00000	-0.56250	-5.2125	3.3004	
	26.00000	15.00000	99.00000	-0.45995	-5.1050	3.1941	
	27.00000	15.00000	99.00000	-0.37245	-5.0346	3.1112	
	28.00000	15.00000	99.00000	-0.29897	-4.9871	3.0480	
	29.00000	15.00000	99.00000	-0.23731	-4.9541	3.0014	
	30.00000	15.00000	99.00000	-0.18526	-4.9306	2.9685	
	31.00000	15.00000	99.00000	-0.14099	-4.9135	2.9467	
	32.00000	15.00000	99.00000	-0.10300	-4.9007	2.9333	
	33.00000	15.00000	99.00000	-0.070124	-4.8912	2.9259	
	34.00000	15.00000	99.00000	-0.041446	-4.8839	2.9220	
	35.00000	15.00000	99.00000	-0.016241	-3.2695	1.9568	
	36.00000	15.00000	99.00000	-0.91396	-2.7419	1.7477	
	37.00000	15.00000	99.00000	-1.3993	-2.0989	1.5570	
	38.00000	15.00000	99.00000	-1.5588	-1.5588	1.3735	
	39.00000	15.00000	99.00000	-1.7514	-1.3135	1.3429	
	40.00000	15.00000	99.00000	-1.8084	-1.0850	1.2345	
	41.00000	15.00000	99.00000	-1.7753	-0.88766	1.0719	
	42.00000	15.00000	99.00000	-1.6829	-0.72126	0.88028	
	43.00000	15.00000	99.00000	-1.5507	-0.58153	0.68277	
	44.00000	15.00000	99.00000	-1.3911	-0.46370	0.49841	
	45.00000	15.00000	99.00000	-1.2120	-0.36359	0.34109	
	46.00000	15.00000	99.00000	-1.0187	-0.27783	0.21894	
	47.00000	15.00000	99.00000	-0.81493	-0.20373	0.13405	
	48.00000	15.00000	99.00000	-0.60312	-0.13918	0.082210	
	49.00000	15.00000	99.00000	-0.38508	-0.082518	0.052837	
	50.00000	15.00000	99.00000	-0.16214	-0.032428	0.028869	
	51.00000	15.00000	99.00000	0.0	0.0	0.0	
	52.00000	15.00000	99.00000	0.0	0.0	0.0	
	53.00000	15.00000	99.00000	0.0	0.0	0.0	
	54.00000	15.00000	99.00000	0.0	0.0	0.0	
	55.00000	15.00000	99.00000	0.0	0.0	0.0	
	56.00000	15.00000	99.00000	0.0	0.0	0.0	
	57.00000	15.00000	99.00000	0.0	0.0	0.0	
	58.00000	15.00000	99.00000	0.0	0.0	0.0	
	59.00000	15.00000	99.00000	0.0	0.0	0.0	
	60.00000	15.00000	99.00000	0.0	0.0	0.0	
	61.00000	15.00000	99.00000	0.0	0.0	0.0	
	62.00000	15.00000	99.00000	0.0	0.0	0.0	
	63.00000	15.00000	99.00000	0.0	0.0	0.0	
	64.00000	15.00000	99.00000	0.0	0.0	0.0	
	65.00000	15.00000	99.00000	0.0	0.0	0.0	
	-30.00000	16.00000	99.00000	0.0	0.0	0.0	
	-29.00000	16.00000	99.00000	0.0	0.0	0.0	
	-28.00000	16.00000	99.00000	0.0	0.0	0.0	
	-27.00000	16.00000	99.00000	0.0	0.0	0.0	
	-26.00000	16.00000	99.00000	0.0	0.0	0.0	
	-25.00000	16.00000	99.00000	0.0	0.0	0.0	
	-24.00000	16.00000	99.00000	0.0	0.0	0.0	
	-23.00000	16.00000	99.00000	0.0	0.0	0.0	
	-22.00000	16.00000	99.00000	0.0	0.0	0.0	
	-21.00000	16.00000	99.00000	0.0	0.0	0.0	
	-20.00000	16.00000	99.00000	0.0	0.0	0.0	
	-19.00000	16.00000	99.00000	0.0	0.0	0.0	
	-18.00000	16.00000	99.00000	0.0	0.0	0.0	
	-17.00000	16.00000	99.00000	0.0	0.0	0.0	
	-16.00000	16.00000	99.00000	0.0	0.0	0.0	
	-15.00000	16.00000	99.00000	0.10579	-0.028210	0.021227	
	-14.00000	16.00000	99.00000	0.31655	-0.090444	0.046040	
	-13.00000	16.00000	99.00000	0.52044	-0.16013	0.070847	
	-12.00000	16.00000	99.00000	0.71569	-0.23856	0.11272	
	-11.00000	16.00000	99.00000	0.89994	-0.32725	0.18242	
	-10.00000	16.00000	99.00000	1.0700	-0.42800	0.28456	
	-9.00000	16.00000	99.00000	1.2215	-0.54287	0.41777	
	-8.00000	16.00000	99.00000	1.3481	-0.67405	0.57509	
	-7.00000	16.00000	99.00000	1.4412	-0.82353	0.74443	
	-6.00000	16.00000	99.00000	1.4883	-0.99221	0.90946	
	-5.00000	16.00000	99.00000	1.4724	-1.1779	1.0510	
	-4.00000	16.00000	99.00000	1.3713	-1.3713	1.1493	
	-3.00000	16.00000	99.00000	1.3135	-1.7514	1.3429	
	-2.00000	16.00000	99.00000	1.1013	-2.2026	1.5315	
	-1.00000	16.00000	99.00000	0.66646	-2.6659	1.7119	
	0.00000	16.00000	99.00000	0.0	-3.0150	1.8767	
	1.00000	16.00000	99.00000	0.0	-4.5000	2.8010	
	2.00000	16.00000	99.00000	0.0	-4.5000	2.8010	
	3.00000	16.00000	99.00000	0.0	-4.5000	2.8010	
	4.00000	16.00000	99.00000	0.0	-4.5000	2.8010	
	5.00000	16.00000	99.00000	0.014302	-4.5038	2.8039	
	6.00000	16.00000	99.00000	0.045989	-4.5131	2.8077	
	7.00000	16.00000	99.00000	0.081682	-4.5251	2.8121	
	8.00000	16.00000	99.00000	0.12209	-4.5407	2.8202	
	9.00000	16.00000	99.00000	0.16805	-4.5611	2.8351	
	10.00000	16.00000	99.00000	0.22054	-4.5882	2.8597	
	11.00000	16.00000	99.00000	0.28061	-4.6247	2.8970	
	12.00000	16.00000	99.00000	0.34927	-4.6746	2.9500	
	13.00000	16.00000	99.00000	0.42708	-4.7440	3.0216	
	14.00000	16.00000	99.00000	0.51327	-4.8422	3.1147	
	15.00000	16.00000	99.00000	0.60357	-4.9829	3.2318	
	16.00000	16.00000	99.00000	0.68566	-5.1857	3.3756	
	17.00000	16.00000	99.00000	0.80656	-5.5704	3.6256	
	18.00000	16.00000	99.00000	0.81596	-6.1319	3.9358	
	19.00000	16.00000	99.00000	0.58223	-6.8289	4.2966	
	20.00000	16.00000	99.00000	0.0	-6.0300	3.7534	
	21.00000	16.00000	99.00000	-0.58223	-6.8289	4.2966	
	22.00000	16.00000	99.00000	-0.81596	-6.1319	3.9358	
	23.00000	16.00000	99.00000	-0.80656	-5.5754	3.6256	



4 Wedderburn Road, London, NW3 5QE

Wall Movements
Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	24.00000	16.00000	99.00000	-0.68566	-5.1857	3.3756	
	25.00000	16.00000	99.00000	-0.60357	-4.9829	3.2318	
	26.00000	16.00000	99.00000	-0.51327	-4.8422	3.1147	
	27.00000	16.00000	99.00000	-0.42708	-4.7440	3.0216	
	28.00000	16.00000	99.00000	-0.34927	-4.6746	2.9500	
	29.00000	16.00000	99.00000	-0.28091	-4.6247	2.8970	
	30.00000	16.00000	99.00000	-0.22054	-4.5882	2.8597	
	31.00000	16.00000	99.00000	-0.16805	-4.5611	2.8351	
	32.00000	16.00000	99.00000	-0.12209	-4.5407	2.8202	
	33.00000	16.00000	99.00000	-0.081682	-4.5251	2.8121	
	34.00000	16.00000	99.00000	-0.045989	-4.5131	2.8077	
	35.00000	16.00000	99.00000	-0.014302	-3.0188	1.8796	
	36.00000	16.00000	99.00000	-0.66646	-2.6659	1.7119	
	37.00000	16.00000	99.00000	-1.1013	-2.2026	1.5315	
	38.00000	16.00000	99.00000	-1.3135	-1.7514	1.3429	
	39.00000	16.00000	99.00000	-1.3713	-1.3713	1.1493	
	40.00000	16.00000	99.00000	-1.4724	-1.1779	1.0510	
	41.00000	16.00000	99.00000	-1.4883	-0.99221	0.90946	
	42.00000	16.00000	99.00000	-1.4412	-0.82353	0.74443	
	43.00000	16.00000	99.00000	-1.3481	-0.67405	0.57509	
	44.00000	16.00000	99.00000	-1.2215	-0.54287	0.41777	
	45.00000	16.00000	99.00000	-1.0700	-0.42800	0.28456	
	46.00000	16.00000	99.00000	-0.89994	-0.32725	0.18242	
	47.00000	16.00000	99.00000	-0.71569	-0.23856	0.11272	
	48.00000	16.00000	99.00000	-0.52044	-0.16013	0.070847	
	49.00000	16.00000	99.00000	-0.31655	-0.090444	0.046040	
	50.00000	16.00000	99.00000	-0.10579	-0.028210	0.021227	
	51.00000	16.00000	99.00000	0.0	0.0	0.0	
	52.00000	16.00000	99.00000	0.0	0.0	0.0	
	53.00000	16.00000	99.00000	0.0	0.0	0.0	
	54.00000	16.00000	99.00000	0.0	0.0	0.0	
	55.00000	16.00000	99.00000	0.0	0.0	0.0	
	56.00000	16.00000	99.00000	0.0	0.0	0.0	
	57.00000	16.00000	99.00000	0.0	0.0	0.0	
	58.00000	16.00000	99.00000	0.0	0.0	0.0	
	59.00000	16.00000	99.00000	0.0	0.0	0.0	
	60.00000	16.00000	99.00000	0.0	0.0	0.0	
	61.00000	16.00000	99.00000	0.0	0.0	0.0	
	62.00000	16.00000	99.00000	0.0	0.0	0.0	
	63.00000	16.00000	99.00000	0.0	0.0	0.0	
	64.00000	16.00000	99.00000	0.0	0.0	0.0	
	65.00000	16.00000	99.00000	0.0	0.0	0.0	
	-30.00000	17.00000	99.00000	0.0	0.0	0.0	
	-29.00000	17.00000	99.00000	0.0	0.0	0.0	
	-28.00000	17.00000	99.00000	0.0	0.0	0.0	
	-27.00000	17.00000	99.00000	0.0	0.0	0.0	
	-26.00000	17.00000	99.00000	0.0	0.0	0.0	
	-25.00000	17.00000	99.00000	0.0	0.0	0.0	
	-24.00000	17.00000	99.00000	0.0	0.0	0.0	
	-23.00000	17.00000	99.00000	0.0	0.0	0.0	
	-22.00000	17.00000	99.00000	0.0	0.0	0.0	
	-21.00000	17.00000	99.00000	0.0	0.0	0.0	
	-20.00000	17.00000	99.00000	0.0	0.0	0.0	
	-19.00000	17.00000	99.00000	0.0	0.0	0.0	
	-18.00000	17.00000	99.00000	0.0	0.0	0.0	
	-17.00000	17.00000	99.00000	0.0	0.0	0.0	
	-16.00000	17.00000	99.00000	0.0	0.0	0.0	
	-15.00000	17.00000	99.00000	0.040284	-0.013428	0.010314	
	-14.00000	17.00000	99.00000	0.23857	-0.085204	0.038165	
	-13.00000	17.00000	99.00000	0.42811	-0.16468	0.059522	
	-12.00000	17.00000	99.00000	0.60703	-0.25293	0.091666	
	-11.00000	17.00000	99.00000	0.77244	-0.35111	0.14577	
	-10.00000	17.00000	99.00000	0.92086	-0.46043	0.22711	
	-9.00000	17.00000	99.00000	1.0476	-0.58201	0.33535	
	-8.00000	17.00000	99.00000	1.1465	-0.71656	0.46500	
	-7.00000	17.00000	99.00000	1.2094	-0.86385	0.60609	
	-6.00000	17.00000	99.00000	1.2260	-1.0216	0.74510	
	-5.00000	17.00000	99.00000	1.1838	-1.1838	0.86652	
	-4.00000	17.00000	99.00000	1.1779	-1.4724	1.0510	
	-3.00000	17.00000	99.00000	1.0850	-1.8084	1.2345	
	-2.00000	17.00000	99.00000	0.86873	-2.1718	1.4093	
	-1.00000	17.00000	99.00000	0.50288	-2.5144	1.5667	
	0.00000	17.00000	99.00000	0.0	-2.7637	1.6954	
	1.00000	17.00000	99.00000	0.0	-4.1250	2.5304	
	2.00000	17.00000	99.00000	0.0	-4.1250	2.5304	
	3.00000	17.00000	99.00000	0.0	-4.1250	2.5304	
	4.00000	17.00000	99.00000	0.0	-4.1250	2.5304	
	5.00000	17.00000	99.00000	0.0068721	-4.1273	2.5322	
	6.00000	17.00000	99.00000	0.043724	-4.1406	2.5374	
	7.00000	17.00000	99.00000	0.084743	-4.1576	2.5422	
	8.00000	17.00000	99.00000	0.13050	-4.1794	2.5501	
	9.00000	17.00000	99.00000	0.18159	-4.2075	2.5647	
	10.00000	17.00000	99.00000	0.23858	-4.2443	2.5892	
	11.00000	17.00000	99.00000	0.30184	-4.2927	2.6270	
	12.00000	17.00000	99.00000	0.37126	-4.3570	2.6810	
	13.00000	17.00000	99.00000	0.44568	-4.4433	2.7537	
	14.00000	17.00000	99.00000	0.52175	-4.5598	2.8475	
	15.00000	17.00000	99.00000	0.59191	-4.7169	2.9637	
	16.00000	17.00000	99.00000	0.69508	-4.9938	3.1506	
	17.00000	17.00000	99.00000	0.74752	-5.3709	3.3809	
	18.00000	17.00000	99.00000	0.68968	-5.8492	3.6492	
	19.00000	17.00000	99.00000	0.45251	-6.3876	3.9401	
	20.00000	17.00000	99.00000	0.0	-5.5275	3.3907	
	21.00000	17.00000	99.00000	-0.45251	-6.3876	3.9401	
	22.00000	17.00000	99.00000	-0.68968	-5.8492	3.6492	
	23.00000	17.00000	99.00000	-0.74752	-5.3709	3.3809	
	24.00000	17.00000	99.00000	-0.69508	-4.9938	3.1506	
	25.00000	17.00000	99.00000	-0.59191	-4.7169	2.9637	
	26.00000	17.00000	99.00000	-0.52175	-4.5598	2.8475	
	27.00000	17.00000	99.00000	-0.44568	-4.4433	2.7537	
	28.00000	17.00000	99.00000	-0.37126	-4.3570	2.6810	
	29.00000	17.00000	99.00000	-0.30184	-4.2927	2.6270	
	30.00000	17.00000	99.00000	-0.23858	-4.2443	2.5892	
	31.00000	17.00000	99.00000	-0.18159	-4.2075	2.5647	
	32.00000	17.00000	99.00000	-0.13050	-4.1794	2.5501	
	33.00000	17.00000	99.00000	-0.084743	-4.1576	2.5422	
	34.00000	17.00000	99.00000	-0.043724	-4.1406	2.5374	
	35.00000	17.00000	99.00000	-0.0068721	-4.1273	2.5322	
	36.00000	17.00000	99.00000	-0.50288	-2.5144	1.5667	
	37.00000	17.00000	99.00000	-0.86873	-2.1718	1.4093	
	38.00000	17.00000	99.00000	-1.0850	-1.8084	1.2345	
	39.00000	17.00000	99.00000	-1.1779	-1.4724	1.0510	
	40.00000	17.00000	99.00000	-1.1838	-1.1838	0.86652	
	41.00000	17.00000	99.00000	-1.2260	-1.0216	0.74510	
	42.00000	17.00000	99.00000	-1.2094	-0.86385	0.60609	
	43.00000	17.00000	99.00000	-1.1465	-0.71656	0.46500	
	44.00000	17.00000	99.00000	-1.0476	-0.58201	0.33535	
	45.00000	17.00000	99.00000	-0.92086	-0.46043	0.22711	
	46.00000	17.00000	99.00000	-0.77244	-0.35111	0.14577	
	47.00000	17.00000	99.00000	-0.60703	-0.25293	0.091666	
	48.00000	17.00000	99.00000	-0.42811	-0.16468	0.059522	
	49.00000	17.00000	99.00000	-0.23857	-0.085204	0.038165	
	50.00000	17.00000	99.00000	-0.040284	-0.013428	0.010314	
	51.00000	17.00000	99.00000	0.0	0.0	0.0	
	52.00000	17.00000	99.00000	0.0	0.0	0.0	
	53.00000	17.00000	99.00000	0.0	0.0	0.0	
	54.00000	17.00000	99.00000	0.0	0.0	0.0	
	55.00000	17.00000	99.00000	0.0	0.0	0.0	
	56.00000	17.00000	99.00000	0.0	0.0	0.0	
	57.00000	17.00000	99.00000	0.0	0.0	0.0	
	58.00000	17.00000	99.00000	0.0	0.0	0.0	
	59.00000	17.00000	99.00000	0.0	0.0	0.0	
	60.00000	17.00000	99.00000	0.0	0.0	0.0	
	61.00000	17.00000	99.00000	0.0	0.0	0.0	
	62.00000	17.00000	99.00000	0.0	0.0	0.0	
	63.00000	17.00000	99.00000	0.0	0.0	0.0	
	64.00000	17.00000	99.00000	0.0	0.0	0.0	
	65.00000	17.00000	99.00000	0.0	0.0	0.0	
	-30.00000	18.00000	99.00000	0.0	0.0	0.0	
	-29.00000	18.00000	99.00000	0.0	0.0	0.0	
	-28.00000	18.00000	99.00000	0.0	0.0	0.0	



4 Wedderburn Road, London, NW3 5QE

Wall Movements
Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	-27.00000	18.00000	99.00000	0.0	0.0	0.0	
	-26.00000	18.00000	99.00000	0.0	0.0	0.0	
	-25.00000	18.00000	99.00000	0.0	0.0	0.0	
	-24.00000	18.00000	99.00000	0.0	0.0	0.0	
	-23.00000	18.00000	99.00000	0.0	0.0	0.0	
	-22.00000	18.00000	99.00000	0.0	0.0	0.0	
	-21.00000	18.00000	99.00000	0.0	0.0	0.0	
	-20.00000	18.00000	99.00000	0.0	0.0	0.0	
	-19.00000	18.00000	99.00000	0.0	0.0	0.0	
	-18.00000	18.00000	99.00000	0.0	0.0	0.0	
	-17.00000	18.00000	99.00000	0.0	0.0	0.0	
	-16.00000	18.00000	99.00000	0.0	0.0	0.0	
	-15.00000	18.00000	99.00000	0.0	0.0	0.0	
	-14.00000	18.00000	99.00000	0.15425	-0.066107	0.028548	
	-13.00000	18.00000	99.00000	0.33014	-0.15237	0.048783	
	-12.00000	18.00000	99.00000	0.49363	-0.24682	0.072756	
	-11.00000	18.00000	99.00000	0.64192	-0.35014	0.11225	
	-10.00000	18.00000	99.00000	0.77145	-0.46287	0.17344	
	-9.00000	18.00000	99.00000	0.87775	-0.58517	0.25723	
	-8.00000	18.00000	99.00000	0.95528	-0.71646	0.35982	
	-7.00000	18.00000	99.00000	0.99735	-0.85487	0.47338	
	-6.00000	18.00000	99.00000	0.99632	-0.99632	0.58717	
	-5.00000	18.00000	99.00000	1.0216	-1.2260	0.74510	
	-4.00000	18.00000	99.00000	0.99221	-1.4883	0.90946	
	-3.00000	18.00000	99.00000	0.88766	-1.7753	1.0719	
	-2.00000	18.00000	99.00000	0.68883	-2.0665	1.2233	
	-1.00000	18.00000	99.00000	0.38778	-2.3267	1.3536	
	0.00000	18.00000	99.00000	0.0	-2.5125	1.4517	
	1.00000	18.00000	99.00000	0.0	-3.7500	2.1667	
	2.00000	18.00000	99.00000	0.0	-3.7500	2.1667	
	3.00000	18.00000	99.00000	0.0	-3.7500	2.1667	
	4.00000	18.00000	99.00000	0.0	-3.7500	2.1667	
	5.00000	18.00000	99.00000	0.0	-3.7500	2.1667	
	6.00000	18.00000	99.00000	0.034137	-3.7646	2.1730	
	7.00000	18.00000	99.00000	0.078834	-3.7864	2.1783	
	8.00000	18.00000	99.00000	0.12789	-3.8139	2.1855	
	9.00000	18.00000	99.00000	0.18158	-3.8490	2.1984	
	10.00000	18.00000	99.00000	0.23996	-3.8940	2.2206	
	11.00000	18.00000	99.00000	0.30271	-3.9518	2.2554	
	12.00000	18.00000	99.00000	0.36870	-4.0265	2.3055	
	13.00000	18.00000	99.00000	0.43546	-4.1232	2.3734	
	14.00000	18.00000	99.00000	0.49816	-4.2482	2.4603	
	15.00000	18.00000	99.00000	0.58685	-4.4542	2.5947	
	16.00000	18.00000	99.00000	0.65003	-4.7251	2.7625	
	17.00000	18.00000	99.00000	0.65769	-5.0654	2.9609	
	18.00000	18.00000	99.00000	0.57132	-5.4640	3.1813	
	19.00000	18.00000	99.00000	0.35564	-5.8838	3.4080	
	20.00000	18.00000	99.00000	0.0	-5.0250	2.9033	
	21.00000	18.00000	99.00000	-0.35564	-5.8838	3.4080	
	22.00000	18.00000	99.00000	-0.57132	-5.4640	3.1813	
	23.00000	18.00000	99.00000	-0.65769	-5.0654	2.9609	
	24.00000	18.00000	99.00000	-0.65003	-4.7251	2.7625	
	25.00000	18.00000	99.00000	-0.58685	-4.4542	2.5947	
	26.00000	18.00000	99.00000	-0.49816	-4.2482	2.4603	
	27.00000	18.00000	99.00000	-0.43546	-4.1232	2.3734	
	28.00000	18.00000	99.00000	-0.36870	-4.0265	2.3055	
	29.00000	18.00000	99.00000	-0.30271	-3.9518	2.2554	
	30.00000	18.00000	99.00000	-0.23996	-3.8940	2.2206	
	31.00000	18.00000	99.00000	-0.18158	-3.8490	2.1984	
	32.00000	18.00000	99.00000	-0.12789	-3.8139	2.1855	
	33.00000	18.00000	99.00000	-0.078834	-3.7864	2.1783	
	34.00000	18.00000	99.00000	-0.034137	-3.7646	2.1730	
	35.00000	18.00000	99.00000	0.0	-2.5125	1.4517	
	36.00000	18.00000	99.00000	-0.38778	-2.3267	1.3536	
	37.00000	18.00000	99.00000	-0.68883	-2.0665	1.2233	
	38.00000	18.00000	99.00000	-0.88766	-1.7753	1.0719	
	39.00000	18.00000	99.00000	-0.99221	-1.4883	0.90946	
	40.00000	18.00000	99.00000	-1.0216	-1.2260	0.74510	
	41.00000	18.00000	99.00000	-0.99632	-0.99632	0.58717	
	42.00000	18.00000	99.00000	-0.99735	-0.85487	0.47338	
	43.00000	18.00000	99.00000	-0.95528	-0.71646	0.35982	
	44.00000	18.00000	99.00000	-0.87775	-0.58517	0.25723	
	45.00000	18.00000	99.00000	-0.77145	-0.46287	0.17344	
	46.00000	18.00000	99.00000	-0.64192	-0.35014	0.11225	
	47.00000	18.00000	99.00000	-0.49363	-0.24682	0.072756	
	48.00000	18.00000	99.00000	-0.33014	-0.15237	0.048783	
	49.00000	18.00000	99.00000	-0.15425	-0.066107	0.028548	
	50.00000	18.00000	99.00000	0.0	0.0	0.0	
	51.00000	18.00000	99.00000	0.0	0.0	0.0	
	52.00000	18.00000	99.00000	0.0	0.0	0.0	
	53.00000	18.00000	99.00000	0.0	0.0	0.0	
	54.00000	18.00000	99.00000	0.0	0.0	0.0	
	55.00000	18.00000	99.00000	0.0	0.0	0.0	
	56.00000	18.00000	99.00000	0.0	0.0	0.0	
	57.00000	18.00000	99.00000	0.0	0.0	0.0	
	58.00000	18.00000	99.00000	0.0	0.0	0.0	
	59.00000	18.00000	99.00000	0.0	0.0	0.0	
	60.00000	18.00000	99.00000	0.0	0.0	0.0	
	61.00000	18.00000	99.00000	0.0	0.0	0.0	
	62.00000	18.00000	99.00000	0.0	0.0	0.0	
	63.00000	18.00000	99.00000	0.0	0.0	0.0	
	64.00000	18.00000	99.00000	0.0	0.0	0.0	
	65.00000	18.00000	99.00000	0.0	0.0	0.0	
	-20.00000	19.00000	99.00000	0.0	0.0	0.0	
	-19.00000	19.00000	99.00000	0.0	0.0	0.0	
	-28.00000	19.00000	99.00000	0.0	0.0	0.0	
	-27.00000	19.00000	99.00000	0.0	0.0	0.0	
	-26.00000	19.00000	99.00000	0.0	0.0	0.0	
	-25.00000	19.00000	99.00000	0.0	0.0	0.0	
	-24.00000	19.00000	99.00000	0.0	0.0	0.0	
	-23.00000	19.00000	99.00000	0.0	0.0	0.0	
	-22.00000	19.00000	99.00000	0.0	0.0	0.0	
	-21.00000	19.00000	99.00000	0.0	0.0	0.0	
	-20.00000	19.00000	99.00000	0.0	0.0	0.0	
	-19.00000	19.00000	99.00000	0.0	0.0	0.0	
	-18.00000	19.00000	99.00000	0.0	0.0	0.0	
	-17.00000	19.00000	99.00000	0.0	0.0	0.0	
	-16.00000	19.00000	99.00000	0.0	0.0	0.0	
	-15.00000	19.00000	99.00000	0.0	0.0	0.0	
	-14.00000	19.00000	99.00000	0.066399	-0.033200	0.015541	
	-13.00000	19.00000	99.00000	0.22964	-0.12365	0.038233	
	-12.00000	19.00000	99.00000	0.37936	-0.22129	0.056924	
	-11.00000	19.00000	99.00000	0.51283	-0.32635	0.084184	
	-10.00000	19.00000	99.00000	0.62676	-0.43873	0.12724	
	-9.00000	19.00000	99.00000	0.71719	-0.55782	0.18339	
	-8.00000	19.00000	99.00000	0.77957	-0.68212	0.26559	
	-7.00000	19.00000	99.00000	0.80882	-0.80882	0.35319	
	-6.00000	19.00000	99.00000	0.85487	-0.99735	0.47338	
	-5.00000	19.00000	99.00000	0.86385	-1.2094	0.60609	
	-4.00000	19.00000	99.00000	0.82353	-1.4412	0.74443	
	-3.00000	19.00000	99.00000	0.72126	-1.6829	0.88028	
	-2.00000	19.00000	99.00000	0.54777	-1.9172	1.0046	
	-1.00000	19.00000	99.00000	0.30272	-2.1190	1.1079	
	0.00000	19.00000	99.00000	0.0	-2.2612	1.1807	
	1.00000	19.00000	99.00000	0.0	-3.3750	1.7622	
	2.00000	19.00000	99.00000	0.0	-3.3750	1.7622	
	3.00000	19.00000	99.00000	0.0	-3.3750	1.7622	
	4.00000	19.00000	99.00000	0.0	-3.3750	1.7622	
	5.00000	19.00000	99.00000	0.0	-3.3750	1.7622	
	6.00000	19.00000	99.00000	0.017203	-3.3836	1.7662	
	7.00000	19.00000	99.00000	0.064121	-3.4095	1.7728	
	8.00000	19.00000	99.00000	0.11475	-3.4419	1.7794	
	9.00000	19.00000	99.00000	0.16902	-3.4826	1.7899	
	10.00000	19.00000	99.00000	0.22655	-3.5336	1.8082	
	11.00000	19.00000	99.00000	0.28640	-3.5978	1.8374	
	12.00000	19.00000	99.00000	0.34675	-3.6784	1.8803	
	13.00000	19.00000	99.00000	0.40441	-3.7794	1.9388	
	14.00000	19.00000	99.00000	0.48162	-3.9369	2.0289	
	15.00000	19.00000	99.00000	0.54551	-4.1387	2.1449	
	16.00000	19.00000	99.00000	0.57948	-4.3891	2.2860	
	17.00000	19.00000	99.00000	0.56164	-4.6855	2.4476	



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist.	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
18.00000	19.00000	99.00000	0.46819	-5.0137	2.6208		
19.00000	19.00000	99.00000	0.28133	-5.3443	2.7918		
20.00000	19.00000	99.00000	0.0	-4.5225	2.3613		
21.00000	19.00000	99.00000	-0.28133	-5.3443	2.7918		
22.00000	19.00000	99.00000	-0.46819	-5.0137	2.6208		
23.00000	19.00000	99.00000	-0.56164	-4.6895	2.4476		
24.00000	19.00000	99.00000	-0.57948	-4.3891	2.2860		
25.00000	19.00000	99.00000	-0.54551	-4.1387	2.1449		
26.00000	19.00000	99.00000	-0.48162	-3.9369	2.0289		
27.00000	19.00000	99.00000	-0.40441	-3.7794	1.9388		
28.00000	19.00000	99.00000	-0.34675	-3.6784	1.8803		
29.00000	19.00000	99.00000	-0.28640	-3.5978	1.8374		
30.00000	19.00000	99.00000	-0.22655	-3.5336	1.8082		
31.00000	19.00000	99.00000	-0.16902	-3.4826	1.7899		
32.00000	19.00000	99.00000	-0.11475	-3.4419	1.7794		
33.00000	19.00000	99.00000	-0.06412	-3.4095	1.7728		
34.00000	19.00000	99.00000	-0.01720	-3.3836	1.7662		
35.00000	19.00000	99.00000	0.0	-2.2612	1.1807		
36.00000	19.00000	99.00000	-0.30272	-2.1190	1.1079		
37.00000	19.00000	99.00000	-0.54777	-1.9172	1.0046		
38.00000	19.00000	99.00000	-0.72126	-1.6829	0.88028		
39.00000	19.00000	99.00000	-0.82353	-1.4412	0.74443		
40.00000	19.00000	99.00000	-0.86385	-1.2094	0.60609		
41.00000	19.00000	99.00000	-0.85487	-0.99735	0.47338		
42.00000	19.00000	99.00000	-0.80882	-0.80882	0.35119		
43.00000	19.00000	99.00000	-0.77957	-0.68212	0.26559		
44.00000	19.00000	99.00000	-0.71719	-0.55782	0.18839		
45.00000	19.00000	99.00000	-0.62676	-0.43873	0.12724		
46.00000	19.00000	99.00000	-0.51283	-0.32635	0.084184		
47.00000	19.00000	99.00000	-0.37936	-0.22129	0.056924		
48.00000	19.00000	99.00000	-0.22964	-0.12365	0.038233		
49.00000	19.00000	99.00000	-0.066399	-0.033200	0.015541		
50.00000	19.00000	99.00000	0.0	0.0	0.0		
51.00000	19.00000	99.00000	0.0	0.0	0.0		
52.00000	19.00000	99.00000	0.0	0.0	0.0		
53.00000	19.00000	99.00000	0.0	0.0	0.0		
54.00000	19.00000	99.00000	0.0	0.0	0.0		
55.00000	19.00000	99.00000	0.0	0.0	0.0		
56.00000	19.00000	99.00000	0.0	0.0	0.0		
57.00000	19.00000	99.00000	0.0	0.0	0.0		
58.00000	19.00000	99.00000	0.0	0.0	0.0		
59.00000	19.00000	99.00000	0.0	0.0	0.0		
60.00000	19.00000	99.00000	0.0	0.0	0.0		
61.00000	19.00000	99.00000	0.0	0.0	0.0		
62.00000	19.00000	99.00000	0.0	0.0	0.0		
63.00000	19.00000	99.00000	0.0	0.0	0.0		
64.00000	19.00000	99.00000	0.0	0.0	0.0		
65.00000	19.00000	99.00000	0.0	0.0	0.0		
-30.00000	20.00000	99.00000	0.0	0.0	0.0		
-29.00000	20.00000	99.00000	0.0	0.0	0.0		
-28.00000	20.00000	99.00000	0.0	0.0	0.0		
-27.00000	20.00000	99.00000	0.0	0.0	0.0		
-26.00000	20.00000	99.00000	0.0	0.0	0.0		
-25.00000	20.00000	99.00000	0.0	0.0	0.0		
-24.00000	20.00000	99.00000	0.0	0.0	0.0		
-23.00000	20.00000	99.00000	0.0	0.0	0.0		
-22.00000	20.00000	99.00000	0.0	0.0	0.0		
-21.00000	20.00000	99.00000	0.0	0.0	0.0		
-20.00000	20.00000	99.00000	0.0	0.0	0.0		
-19.00000	20.00000	99.00000	0.0	0.0	0.0		
-18.00000	20.00000	99.00000	0.0	0.0	0.0		
-17.00000	20.00000	99.00000	0.0	0.0	0.0		
-16.00000	20.00000	99.00000	0.0	0.0	0.0		
-15.00000	20.00000	99.00000	0.0	0.0	0.0		
-14.00000	20.00000	99.00000	0.0	0.0	0.0		
-13.00000	20.00000	99.00000	0.12936	-0.079607	0.026172		
-12.00000	20.00000	99.00000	0.26719	-0.17812	0.043774		
-11.00000	20.00000	99.00000	0.38837	-0.28245	0.062480		
-10.00000	20.00000	99.00000	0.49001	-0.39201	0.090699		
-9.00000	20.00000	99.00000	0.56884	-0.50563	0.13221		
-8.00000	20.00000	99.00000	0.62132	-0.62132	0.18674		
-7.00000	20.00000	99.00000	0.68212	-0.77957	0.26559		
-6.00000	20.00000	99.00000	0.71646	-0.95528	0.35982		
-5.00000	20.00000	99.00000	0.71656	-1.1465	0.46500		
-4.00000	20.00000	99.00000	0.67405	-1.3481	0.57509		
-3.00000	20.00000	99.00000	0.58153	-1.5507	0.68277		
-2.00000	20.00000	99.00000	0.43510	-1.7404	0.77998		
-1.00000	20.00000	99.00000	0.23743	-1.8995	0.85851		
0.00000	20.00000	99.00000	0.0	-2.0100	0.91069		
1.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
2.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
3.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
4.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
5.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
6.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
7.00000	20.00000	99.00000	0.041257	-3.0254	1.3676		
8.00000	20.00000	99.00000	0.092143	-3.0614	1.3743		
9.00000	20.00000	99.00000	0.14559	-3.1059	1.3827		
10.00000	20.00000	99.00000	0.20086	-3.1607	1.3964		
11.00000	20.00000	99.00000	0.25661	-3.2281	1.4189		
12.00000	20.00000	99.00000	0.31066	-3.3107	1.4526		
13.00000	20.00000	99.00000	0.37871	-3.4328	1.5067		
14.00000	20.00000	99.00000	0.43994	-3.5866	1.5802		
15.00000	20.00000	99.00000	0.48452	-3.7752	1.6737		
16.00000	20.00000	99.00000	0.49942	-3.9988	1.7853		
17.00000	20.00000	99.00000	0.46941	-4.2518	1.9104		
18.00000	20.00000	99.00000	0.38011	-4.5204	2.0406		
19.00000	20.00000	99.00000	0.22282	-4.7825	2.1649		
20.00000	20.00000	99.00000	0.0	-4.0200	1.8214		
21.00000	20.00000	99.00000	-0.22282	-4.7825	2.1649		
22.00000	20.00000	99.00000	-0.38011	-4.5204	2.0406		
23.00000	20.00000	99.00000	-0.46941	-4.2518	1.9104		
24.00000	20.00000	99.00000	-0.49942	-3.9988	1.7853		
25.00000	20.00000	99.00000	-0.48452	-3.7752	1.6737		
26.00000	20.00000	99.00000	-0.43994	-3.5866	1.5802		
27.00000	20.00000	99.00000	-0.37871	-3.4328	1.5067		
28.00000	20.00000	99.00000	-0.31066	-3.3107	1.4526		
29.00000	20.00000	99.00000	-0.25661	-3.2281	1.4189		
30.00000	20.00000	99.00000	-0.20086	-3.1607	1.3964		
31.00000	20.00000	99.00000	-0.14559	-3.1059	1.3827		
32.00000	20.00000	99.00000	-0.092143	-3.0614	1.3743		
33.00000	20.00000	99.00000	-0.041257	-3.0254	1.3676		
34.00000	20.00000	99.00000	0.0	-3.0000	1.3592		
35.00000	20.00000	99.00000	0.0	-2.0100	0.91069		
36.00000	20.00000	99.00000	-0.23743	-1.8995	0.85851		
37.00000	20.00000	99.00000	-0.43510	-1.7404	0.77998		
38.00000	20.00000	99.00000	-0.58153	-1.5507	0.68277		
39.00000	20.00000	99.00000	-0.67405	-1.3481	0.57509		
40.00000	20.00000	99.00000	-0.71656	-1.1465	0.46500		
41.00000	20.00000	99.00000	-0.71646	-0.95528	0.35982		
42.00000	20.00000	99.00000	-0.68212	-0.77957	0.26559		
43.00000	20.00000	99.00000	-0.62132	-0.62132	0.18674		
44.00000	20.00000	99.00000	-0.56884	-0.50563	0.13221		
45.00000	20.00000	99.00000	-0.49001	-0.39201	0.090699		
46.00000	20.00000	99.00000	-0.38837	-0.28245	0.062480		
47.00000	20.00000	99.00000	-0.26719	-0.17812	0.043774		
48.00000	20.00000	99.00000	-0.12936	-0.079607	0.026172		
49.00000	20.00000	99.00000	0.0	0.0	0.0		
50.00000	20.00000	99.00000	0.0	0.0	0.0		
51.00000	20.00000	99.00000	0.0	0.0	0.0		
52.00000	20.00000	99.00000	0.0	0.0	0.0		
53.00000	20.00000	99.00000	0.0	0.0	0.0		
54.00000	20.00000	99.00000	0.0	0.0	0.0		
55.00000	20.00000	99.00000	0.0	0.0	0.0		
56.00000	20.00000	99.00000	0.0	0.0	0.0		
57.00000	20.00000	99.00000	0.0	0.0	0.0		
58.00000	20.00000	99.00000	0.0	0.0	0.0		
59.00000	20.00000	99.00000	0.0	0.0	0.0		
60.00000	20.00000	99.00000	0.0	0.0	0.0		
61.00000	20.00000	99.00000	0.0	0.0	0.0		
62.00000	20.00000	99.00000	0.0	0.0	0.0		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No. Sheet No. Rev.

J14267A

Drg. Ref.

Made by MP

Date 02-Jul-2015

Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
63.00000	20.00000	99.00000	0.0	0.0	0.0		
64.00000	20.00000	99.00000	0.0	0.0	0.0		
65.00000	20.00000	99.00000	0.0	0.0	0.0		
-30.00000	21.00000	99.00000	0.0	0.0	0.0		
-29.00000	21.00000	99.00000	0.0	0.0	0.0		
-28.00000	21.00000	99.00000	0.0	0.0	0.0		
-27.00000	21.00000	99.00000	0.0	0.0	0.0		
-26.00000	21.00000	99.00000	0.0	0.0	0.0		
-25.00000	21.00000	99.00000	0.0	0.0	0.0		
-24.00000	21.00000	99.00000	0.0	0.0	0.0		
-23.00000	21.00000	99.00000	0.0	0.0	0.0		
-22.00000	21.00000	99.00000	0.0	0.0	0.0		
-21.00000	21.00000	99.00000	0.0	0.0	0.0		
-20.00000	21.00000	99.00000	0.0	0.0	0.0		
-19.00000	21.00000	99.00000	0.0	0.0	0.0		
-18.00000	21.00000	99.00000	0.0	0.0	0.0		
-17.00000	21.00000	99.00000	0.0	0.0	0.0		
-16.00000	21.00000	99.00000	0.0	0.0	0.0		
-15.00000	21.00000	99.00000	0.0	0.0	0.0		
-14.00000	21.00000	99.00000	0.0	0.0	0.0		
-13.00000	21.00000	99.00000	0.031340	-0.021697	0.0092591		
-12.00000	21.00000	99.00000	0.15921	-0.11941	0.031214		
-11.00000	21.00000	99.00000	0.27056	-0.22137	0.046292		
-10.00000	21.00000	99.00000	0.36296	-0.32666	0.064164		
-9.00000	21.00000	99.00000	0.43382	-0.43382	0.090120		
-8.00000	21.00000	99.00000	0.50563	-0.56884	0.13221		
-7.00000	21.00000	99.00000	0.55782	-0.71719	0.18839		
-6.00000	21.00000	99.00000	0.58517	-0.87775	0.25723		
-5.00000	21.00000	99.00000	0.58201	-1.0476	0.33535		
-4.00000	21.00000	99.00000	0.54287	-1.2215	0.41777		
-3.00000	21.00000	99.00000	0.46370	-1.3911	0.49841		
-2.00000	21.00000	99.00000	0.34345	-1.5455	0.57056		
-1.00000	21.00000	99.00000	0.18580	-1.6722	0.62756		
0.00000	21.00000	99.00000	0.0	-1.7587	0.66352		
1.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
2.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
3.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
4.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
5.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
6.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
7.00000	21.00000	99.00000	0.011209	-2.6328	0.99364		
8.00000	21.00000	99.00000	0.061450	-2.6711	1.0024		
9.00000	21.00000	99.00000	0.11323	-2.7176	1.0097		
10.00000	21.00000	99.00000	0.16556	-2.7740	1.0196		
11.00000	21.00000	99.00000	0.21691	-2.8419	1.0354		
12.00000	21.00000	99.00000	0.27753	-2.9372	1.0629		
13.00000	21.00000	99.00000	0.33506	-3.0558	1.1035		
14.00000	21.00000	99.00000	0.38336	-3.2000	1.1589		
15.00000	21.00000	99.00000	0.41432	-3.3708	1.2291		
16.00000	21.00000	99.00000	0.41815	-3.5658	1.3121		
17.00000	21.00000	99.00000	0.38459	-3.7788	1.4037		
18.00000	21.00000	99.00000	0.30506	-3.9978	1.4971		
19.00000	21.00000	99.00000	0.17567	-4.2060	1.5837		
20.00000	21.00000	99.00000	0.0	-3.5175	1.3270		
21.00000	21.00000	99.00000	-0.17567	-4.2060	1.5837		
22.00000	21.00000	99.00000	-0.30506	-3.9978	1.4971		
23.00000	21.00000	99.00000	-0.38459	-3.7788	1.4037		
24.00000	21.00000	99.00000	-0.41815	-3.5658	1.3121		
25.00000	21.00000	99.00000	-0.41432	-3.3708	1.2291		
26.00000	21.00000	99.00000	-0.38336	-3.2000	1.1589		
27.00000	21.00000	99.00000	-0.33506	-3.0558	1.1035		
28.00000	21.00000	99.00000	-0.27753	-2.9372	1.0629		
29.00000	21.00000	99.00000	-0.21691	-2.8419	1.0354		
30.00000	21.00000	99.00000	-0.16556	-2.7740	1.0196		
31.00000	21.00000	99.00000	-0.11323	-2.7176	1.0097		
32.00000	21.00000	99.00000	-0.061450	-2.6711	1.0024		
33.00000	21.00000	99.00000	-0.011209	-2.6328	0.99364		
34.00000	21.00000	99.00000	0.0	-2.6250	0.99033		
35.00000	21.00000	99.00000	0.0	-1.7587	0.66352		
36.00000	21.00000	99.00000	-0.18580	-1.6722	0.62756		
37.00000	21.00000	99.00000	-0.34345	-1.5455	0.57056		
38.00000	21.00000	99.00000	-0.46370	-1.3911	0.49841		
39.00000	21.00000	99.00000	-0.54287	-1.2215	0.41777		
40.00000	21.00000	99.00000	-0.58201	-1.0476	0.33535		
41.00000	21.00000	99.00000	-0.58517	-0.87775	0.25723		
42.00000	21.00000	99.00000	-0.55782	-0.71719	0.18839		
43.00000	21.00000	99.00000	-0.50563	-0.56884	0.13221		
44.00000	21.00000	99.00000	-0.43382	-0.43382	0.090120		
45.00000	21.00000	99.00000	-0.36296	-0.32666	0.064164		
46.00000	21.00000	99.00000	-0.27056	-0.22137	0.046292		
47.00000	21.00000	99.00000	-0.15921	-0.11941	0.031214		
48.00000	21.00000	99.00000	-0.031340	-0.021697	0.0092591		
49.00000	21.00000	99.00000	0.0	0.0	0.0		
50.00000	21.00000	99.00000	0.0	0.0	0.0		
51.00000	21.00000	99.00000	0.0	0.0	0.0		
52.00000	21.00000	99.00000	0.0	0.0	0.0		
53.00000	21.00000	99.00000	0.0	0.0	0.0		
54.00000	21.00000	99.00000	0.0	0.0	0.0		
55.00000	21.00000	99.00000	0.0	0.0	0.0		
56.00000	21.00000	99.00000	0.0	0.0	0.0		
57.00000	21.00000	99.00000	0.0	0.0	0.0		
58.00000	21.00000	99.00000	0.0	0.0	0.0		
59.00000	21.00000	99.00000	0.0	0.0	0.0		
60.00000	21.00000	99.00000	0.0	0.0	0.0		
61.00000	21.00000	99.00000	0.0	0.0	0.0		
62.00000	21.00000	99.00000	0.0	0.0	0.0		
63.00000	21.00000	99.00000	0.0	0.0	0.0		
64.00000	21.00000	99.00000	0.0	0.0	0.0		
65.00000	21.00000	99.00000	0.0	0.0	0.0		
-30.00000	22.00000	99.00000	0.0	0.0	0.0		
-29.00000	22.00000	99.00000	0.0	0.0	0.0		
-28.00000	22.00000	99.00000	0.0	0.0	0.0		
-27.00000	22.00000	99.00000	0.0	0.0	0.0		
-26.00000	22.00000	99.00000	0.0	0.0	0.0		
-25.00000	22.00000	99.00000	0.0	0.0	0.0		
-24.00000	22.00000	99.00000	0.0	0.0	0.0		
-23.00000	22.00000	99.00000	0.0	0.0	0.0		
-22.00000	22.00000	99.00000	0.0	0.0	0.0		
-21.00000	22.00000	99.00000	0.0	0.0	0.0		
-20.00000	22.00000	99.00000	0.0	0.0	0.0		
-19.00000	22.00000	99.00000	0.0	0.0	0.0		
-18.00000	22.00000	99.00000	0.0	0.0	0.0		
-17.00000	22.00000	99.00000	0.0	0.0	0.0		
-16.00000	22.00000	99.00000	0.0	0.0	0.0		
-15.00000	22.00000	99.00000	0.0	0.0	0.0		
-14.00000	22.00000	99.00000	0.0	0.0	0.0		
-13.00000	22.00000	99.00000	0.0	0.0	0.0		
-12.00000	22.00000	99.00000	0.056809	-0.047341	0.015158		
-11.00000	22.00000	99.00000	0.16056	-0.14596	0.032690		
-10.00000	22.00000	99.00000	0.24632	-0.24632	0.045803		
-9.00000	22.00000	99.00000	0.32666	-0.32696	0.064164		
-8.00000	22.00000	99.00000	0.39201	-0.49001	0.090699		
-7.00000	22.00000	99.00000	0.43873	-0.62676	0.12724		
-6.00000	22.00000	99.00000	0.46287	-0.77145	0.17344		
-5.00000	22.00000	99.00000	0.46043	-0.92086	0.22711		
-4.00000	22.00000	99.00000	0.42800	-1.0700	0.28456		
-3.00000	22.00000	99.00000	0.36359	-1.2120	0.34109		
-2.00000	22.00000	99.00000	0.26766	-1.3383	0.39149		
-1.00000	22.00000	99.00000	0.14397	-1.4397	0.43066		
0.00000	22.00000	99.00000	0.0	-1.5075	0.45425		
1.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
2.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
3.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
4.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
5.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
6.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
7.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
8.00000	22.00000	99.00000	0.024177	-2.2701	0.68444		
9.00000	22.00000	99.00000	0.073895	-2.3172	0.69303		
10.00000	22.00000	99.00000	0.12316	-2.3732	0.70089		
11.00000	22.00000	99.00000	0.17766	-2.4474	0.71288		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
12.00000	22.00000	99.00000	0.23132	-2.5391	0.73150		
13.00000	22.00000	99.00000	0.28014	-2.6502	0.75923		
14.00000	22.00000	99.00000	0.31889	-2.7815	0.79748		
15.00000	22.00000	99.00000	0.34114	-2.9323	0.84625		
16.00000	22.00000	99.00000	0.33979	-3.0995	0.90389		
17.00000	22.00000	99.00000	0.30801	-3.2767	0.96693		
18.00000	22.00000	99.00000	0.24085	-3.4542	1.0303		
19.00000	22.00000	99.00000	0.13692	-3.6192	1.0876		
20.00000	22.00000	99.00000	0.0	-3.0150	0.90850		
21.00000	22.00000	99.00000	-0.13692	-3.6192	1.0876		
22.00000	22.00000	99.00000	-0.24085	-3.4542	1.0303		
23.00000	22.00000	99.00000	-0.30801	-3.2767	0.96693		
24.00000	22.00000	99.00000	-0.33979	-3.0995	0.90389		
25.00000	22.00000	99.00000	-0.34114	-2.9323	0.84625		
26.00000	22.00000	99.00000	-0.31889	-2.7815	0.79748		
27.00000	22.00000	99.00000	-0.28014	-2.6502	0.75923		
28.00000	22.00000	99.00000	-0.23132	-2.5391	0.73150		
29.00000	22.00000	99.00000	-0.17766	-2.4474	0.71288		
30.00000	22.00000	99.00000	-0.12316	-2.3732	0.70089		
31.00000	22.00000	99.00000	-0.073895	-2.3172	0.69303		
32.00000	22.00000	99.00000	-0.024177	-2.2701	0.68444		
33.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
34.00000	22.00000	99.00000	0.0	-2.2500	0.67798		
35.00000	22.00000	99.00000	0.0	-1.5075	0.45425		
36.00000	22.00000	99.00000	-0.14397	-1.4397	0.43056		
37.00000	22.00000	99.00000	-0.26766	-1.3383	0.39149		
38.00000	22.00000	99.00000	-0.36359	-1.2120	0.34109		
39.00000	22.00000	99.00000	-0.42800	-1.0700	0.28456		
40.00000	22.00000	99.00000	-0.46043	-0.92086	0.22711		
41.00000	22.00000	99.00000	-0.46287	-0.77145	0.17344		
42.00000	22.00000	99.00000	-0.43873	-0.62676	0.12724		
43.00000	22.00000	99.00000	-0.39201	-0.49001	0.090699		
44.00000	22.00000	99.00000	-0.32666	-0.36296	0.064164		
45.00000	22.00000	99.00000	-0.24632	-0.24632	0.045803		
46.00000	22.00000	99.00000	-0.16056	-0.14596	0.032690		
47.00000	22.00000	99.00000	-0.056809	-0.047341	0.015158		
48.00000	22.00000	99.00000	0.0	0.0	0.0		
49.00000	22.00000	99.00000	0.0	0.0	0.0		
50.00000	22.00000	99.00000	0.0	0.0	0.0		
51.00000	22.00000	99.00000	0.0	0.0	0.0		
52.00000	22.00000	99.00000	0.0	0.0	0.0		
53.00000	22.00000	99.00000	0.0	0.0	0.0		
54.00000	22.00000	99.00000	0.0	0.0	0.0		
55.00000	22.00000	99.00000	0.0	0.0	0.0		
56.00000	22.00000	99.00000	0.0	0.0	0.0		
57.00000	22.00000	99.00000	0.0	0.0	0.0		
58.00000	22.00000	99.00000	0.0	0.0	0.0		
59.00000	22.00000	99.00000	0.0	0.0	0.0		
60.00000	22.00000	99.00000	0.0	0.0	0.0		
61.00000	22.00000	99.00000	0.0	0.0	0.0		
62.00000	22.00000	99.00000	0.0	0.0	0.0		
63.00000	22.00000	99.00000	0.0	0.0	0.0		
64.00000	22.00000	99.00000	0.0	0.0	0.0		
65.00000	22.00000	99.00000	0.0	0.0	0.0		
-30.00000	23.00000	99.00000	0.0	0.0	0.0		
-29.00000	23.00000	99.00000	0.0	0.0	0.0		
-28.00000	23.00000	99.00000	0.0	0.0	0.0		
-27.00000	23.00000	99.00000	0.0	0.0	0.0		
-26.00000	23.00000	99.00000	0.0	0.0	0.0		
-25.00000	23.00000	99.00000	0.0	0.0	0.0		
-24.00000	23.00000	99.00000	0.0	0.0	0.0		
-23.00000	23.00000	99.00000	0.0	0.0	0.0		
-22.00000	23.00000	99.00000	0.0	0.0	0.0		
-21.00000	23.00000	99.00000	0.0	0.0	0.0		
-20.00000	23.00000	99.00000	0.0	0.0	0.0		
-19.00000	23.00000	99.00000	0.0	0.0	0.0		
-18.00000	23.00000	99.00000	0.0	0.0	0.0		
-17.00000	23.00000	99.00000	0.0	0.0	0.0		
-16.00000	23.00000	99.00000	0.0	0.0	0.0		
-15.00000	23.00000	99.00000	0.0	0.0	0.0		
-14.00000	23.00000	99.00000	0.0	0.0	0.0		
-13.00000	23.00000	99.00000	0.0	0.0	0.0		
-12.00000	23.00000	99.00000	0.0	0.0	0.0		
-11.00000	23.00000	99.00000	0.058820	-0.058820	0.016413		
-10.00000	23.00000	99.00000	0.14596	-0.16056	0.032690		
-9.00000	23.00000	99.00000	0.22137	-0.27056	0.046292		
-8.00000	23.00000	99.00000	0.28245	-0.38837	0.062480		
-7.00000	23.00000	99.00000	0.32635	-0.51283	0.084184		
-6.00000	23.00000	99.00000	0.35014	-0.64192	0.112225		
-5.00000	23.00000	99.00000	0.35111	-0.77244	0.145777		
-4.00000	23.00000	99.00000	0.32725	-0.89994	0.18242		
-3.00000	23.00000	99.00000	0.27783	-1.0187	0.21894		
-2.00000	23.00000	99.00000	0.20403	-1.1222	0.25160		
-1.00000	23.00000	99.00000	0.10940	-1.2034	0.27674		
0.00000	23.00000	99.00000	0.0	-1.2562	0.29132		
1.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
2.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
3.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
4.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
5.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
6.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
7.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
8.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
9.00000	23.00000	99.00000	0.029410	-1.9044	0.44302		
10.00000	23.00000	99.00000	0.078788	-1.9617	0.45246		
11.00000	23.00000	99.00000	0.12873	-2.0323	0.46173		
12.00000	23.00000	99.00000	0.17656	-2.1178	0.47387		
13.00000	23.00000	99.00000	0.21879	-2.2188	0.49125		
14.00000	23.00000	99.00000	0.25110	-2.3353	0.51531		
15.00000	23.00000	99.00000	0.26957	-2.4658	0.54631		
16.00000	23.00000	99.00000	0.26614	-2.6069	0.58317		
17.00000	23.00000	99.00000	0.23938	-2.7527	0.62345		
18.00000	23.00000	99.00000	0.18552	-2.8954	0.66359		
19.00000	23.00000	99.00000	0.10455	-3.0250	0.69927		
20.00000	23.00000	99.00000	0.0	-2.5125	0.58265		
21.00000	23.00000	99.00000	-0.10455	-3.0250	0.69927		
22.00000	23.00000	99.00000	-0.18552	-2.8954	0.66359		
23.00000	23.00000	99.00000	-0.23938	-2.7527	0.62345		
24.00000	23.00000	99.00000	-0.26614	-2.6069	0.58317		
25.00000	23.00000	99.00000	-0.26957	-2.4658	0.54631		
26.00000	23.00000	99.00000	-0.25110	-2.3353	0.51531		
27.00000	23.00000	99.00000	-0.21879	-2.2188	0.49125		
28.00000	23.00000	99.00000	-0.17656	-2.1178	0.47387		
29.00000	23.00000	99.00000	-0.12873	-2.0323	0.46173		
30.00000	23.00000	99.00000	-0.078788	-1.9617	0.45246		
31.00000	23.00000	99.00000	-0.029410	-1.9044	0.44302		
32.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
33.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
34.00000	23.00000	99.00000	0.0	-1.8750	0.43481		
35.00000	23.00000	99.00000	0.0	-1.2562	0.29132		
36.00000	23.00000	99.00000	-0.10940	-1.2034	0.27674		
37.00000	23.00000	99.00000	-0.20403	-1.1222	0.25160		
38.00000	23.00000	99.00000	-0.27783	-1.0187	0.21894		
39.00000	23.00000	99.00000	-0.32725	-0.89994	0.18242		
40.00000	23.00000	99.00000	-0.35111	-0.77244	0.145777		
41.00000	23.00000	99.00000	-0.35014	-0.64192	0.112225		
42.00000	23.00000	99.00000	-0.32635	-0.51283	0.084184		
43.00000	23.00000	99.00000	-0.28245	-0.38837	0.062480		
44.00000	23.00000	99.00000	-0.22137	-0.27056	0.046292		
45.00000	23.00000	99.00000	-0.14596	-0.16056	0.032690		
46.00000	23.00000	99.00000	-0.058820	-0.058820	0.016413		
47.00000	23.00000	99.00000	0.0	0.0	0.0		
48.00000	23.00000	99.00000	0.0	0.0	0.0		
49.00000	23.00000	99.00000	0.0	0.0	0.0		
50.00000	23.00000	99.00000	0.0	0.0	0.0		
51.00000	23.00000	99.00000	0.0	0.0	0.0		
52.00000	23.00000	99.00000	0.0	0.0	0.0		
53.00000	23.00000	99.00000	0.0	0.0	0.0		
54.00000	23.00000	99.00000	0.0	0.0	0.0		
55.00000	23.00000	99.00000	0.0	0.0	0.0		
56.00000	23.00000	99.00000	0.0	0.0	0.0		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
57.00000	23.00000	99.00000	0.0	0.0	0.0		
58.00000	23.00000	99.00000	0.0	0.0	0.0		
59.00000	23.00000	99.00000	0.0	0.0	0.0		
60.00000	23.00000	99.00000	0.0	0.0	0.0		
61.00000	23.00000	99.00000	0.0	0.0	0.0		
62.00000	23.00000	99.00000	0.0	0.0	0.0		
63.00000	23.00000	99.00000	0.0	0.0	0.0		
64.00000	23.00000	99.00000	0.0	0.0	0.0		
65.00000	23.00000	99.00000	0.0	0.0	0.0		
-30.00000	24.00000	99.00000	0.0	0.0	0.0		
-29.00000	24.00000	99.00000	0.0	0.0	0.0		
-28.00000	24.00000	99.00000	0.0	0.0	0.0		
-27.00000	24.00000	99.00000	0.0	0.0	0.0		
-26.00000	24.00000	99.00000	0.0	0.0	0.0		
-25.00000	24.00000	99.00000	0.0	0.0	0.0		
-24.00000	24.00000	99.00000	0.0	0.0	0.0		
-23.00000	24.00000	99.00000	0.0	0.0	0.0		
-22.00000	24.00000	99.00000	0.0	0.0	0.0		
-21.00000	24.00000	99.00000	0.0	0.0	0.0		
-20.00000	24.00000	99.00000	0.0	0.0	0.0		
-19.00000	24.00000	99.00000	0.0	0.0	0.0		
-18.00000	24.00000	99.00000	0.0	0.0	0.0		
-17.00000	24.00000	99.00000	0.0	0.0	0.0		
-16.00000	24.00000	99.00000	0.0	0.0	0.0		
-15.00000	24.00000	99.00000	0.0	0.0	0.0		
-14.00000	24.00000	99.00000	0.0	0.0	0.0		
-13.00000	24.00000	99.00000	0.0	0.0	0.0		
-12.00000	24.00000	99.00000	0.0	0.0	0.0		
-11.00000	24.00000	99.00000	0.0	0.0	0.0		
-10.00000	24.00000	99.00000	0.047341	-0.056809	0.015158		
-9.00000	24.00000	99.00000	0.11941	-0.15921	0.031214		
-8.00000	24.00000	99.00000	0.17812	-0.26719	0.043774		
-7.00000	24.00000	99.00000	0.22129	-0.37936	0.056924		
-6.00000	24.00000	99.00000	0.24682	-0.49363	0.072756		
-5.00000	24.00000	99.00000	0.25293	-0.60703	0.091666		
-4.00000	24.00000	99.00000	0.23856	-0.71569	0.11272		
-3.00000	24.00000	99.00000	0.20373	-0.81493	0.13405		
-2.00000	24.00000	99.00000	0.14993	-0.89960	0.15331		
-1.00000	24.00000	99.00000	0.080374	-0.96449	0.16812		
0.00000	24.00000	99.00000	0.0	-1.0050	0.17654		
1.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
2.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
3.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
4.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
5.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
6.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
7.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
8.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
9.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
10.00000	24.00000	99.00000	0.027194	-1.5326	0.27221		
11.00000	24.00000	99.00000	0.073323	-1.5978	0.28267		
12.00000	24.00000	99.00000	0.11670	-1.6750	0.29218		
13.00000	24.00000	99.00000	0.15436	-1.7646	0.30320		
14.00000	24.00000	99.00000	0.18287	-1.8657	0.31741		
15.00000	24.00000	99.00000	0.19855	-1.9765	0.33546		
16.00000	24.00000	99.00000	0.19786	-2.0936	0.35699		
17.00000	24.00000	99.00000	0.17798	-2.2119	0.38061		
18.00000	24.00000	99.00000	0.13751	-2.3250	0.40410		
19.00000	24.00000	99.00000	0.077112	-2.4253	0.42480		
20.00000	24.00000	99.00000	0.0	-2.0100	0.35309		
21.00000	24.00000	99.00000	-0.077112	-2.4253	0.42480		
22.00000	24.00000	99.00000	-0.13751	-2.3250	0.40410		
23.00000	24.00000	99.00000	-0.17798	-2.2119	0.38061		
24.00000	24.00000	99.00000	-0.19786	-2.0936	0.35699		
25.00000	24.00000	99.00000	-0.19855	-1.9765	0.33546		
26.00000	24.00000	99.00000	-0.18287	-1.8657	0.31741		
27.00000	24.00000	99.00000	-0.15436	-1.7646	0.30320		
28.00000	24.00000	99.00000	-0.11670	-1.6750	0.29218		
29.00000	24.00000	99.00000	-0.073323	-1.5978	0.28267		
30.00000	24.00000	99.00000	-0.027194	-1.5326	0.27221		
31.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
32.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
33.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
34.00000	24.00000	99.00000	0.0	-1.5000	0.26350		
35.00000	24.00000	99.00000	0.0	-1.0050	0.17654		
36.00000	24.00000	99.00000	-0.080374	-0.96449	0.16812		
37.00000	24.00000	99.00000	-0.14993	-0.89960	0.15331		
38.00000	24.00000	99.00000	-0.20373	-0.81493	0.13405		
39.00000	24.00000	99.00000	-0.23856	-0.71569	0.11272		
40.00000	24.00000	99.00000	-0.25293	-0.60703	0.091666		
41.00000	24.00000	99.00000	-0.24682	-0.49363	0.072756		
42.00000	24.00000	99.00000	-0.22129	-0.37936	0.056924		
43.00000	24.00000	99.00000	-0.17812	-0.26719	0.043774		
44.00000	24.00000	99.00000	-0.11941	-0.15921	0.031214		
45.00000	24.00000	99.00000	-0.047341	-0.056809	0.015158		
46.00000	24.00000	99.00000	0.0	0.0	0.0		
47.00000	24.00000	99.00000	0.0	0.0	0.0		
48.00000	24.00000	99.00000	0.0	0.0	0.0		
49.00000	24.00000	99.00000	0.0	0.0	0.0		
50.00000	24.00000	99.00000	0.0	0.0	0.0		
51.00000	24.00000	99.00000	0.0	0.0	0.0		
52.00000	24.00000	99.00000	0.0	0.0	0.0		
53.00000	24.00000	99.00000	0.0	0.0	0.0		
54.00000	24.00000	99.00000	0.0	0.0	0.0		
55.00000	24.00000	99.00000	0.0	0.0	0.0		
56.00000	24.00000	99.00000	0.0	0.0	0.0		
57.00000	24.00000	99.00000	0.0	0.0	0.0		
58.00000	24.00000	99.00000	0.0	0.0	0.0		
59.00000	24.00000	99.00000	0.0	0.0	0.0		
60.00000	24.00000	99.00000	0.0	0.0	0.0		
61.00000	24.00000	99.00000	0.0	0.0	0.0		
62.00000	24.00000	99.00000	0.0	0.0	0.0		
63.00000	24.00000	99.00000	0.0	0.0	0.0		
64.00000	24.00000	99.00000	0.0	0.0	0.0		
65.00000	24.00000	99.00000	0.0	0.0	0.0		
-30.00000	25.00000	99.00000	0.0	0.0	0.0		
-29.00000	25.00000	99.00000	0.0	0.0	0.0		
-28.00000	25.00000	99.00000	0.0	0.0	0.0		
-27.00000	25.00000	99.00000	0.0	0.0	0.0		
-26.00000	25.00000	99.00000	0.0	0.0	0.0		
-25.00000	25.00000	99.00000	0.0	0.0	0.0		
-24.00000	25.00000	99.00000	0.0	0.0	0.0		
-23.00000	25.00000	99.00000	0.0	0.0	0.0		
-22.00000	25.00000	99.00000	0.0	0.0	0.0		
-21.00000	25.00000	99.00000	0.0	0.0	0.0		
-20.00000	25.00000	99.00000	0.0	0.0	0.0		
-19.00000	25.00000	99.00000	0.0	0.0	0.0		
-18.00000	25.00000	99.00000	0.0	0.0	0.0		
-17.00000	25.00000	99.00000	0.0	0.0	0.0		
-16.00000	25.00000	99.00000	0.0	0.0	0.0		
-15.00000	25.00000	99.00000	0.0	0.0	0.0		
-14.00000	25.00000	99.00000	0.0	0.0	0.0		
-13.00000	25.00000	99.00000	0.0	0.0	0.0		
-12.00000	25.00000	99.00000	0.0	0.0	0.0		
-11.00000	25.00000	99.00000	0.0	0.0	0.0		
-10.00000	25.00000	99.00000	0.0	0.0	0.0		
-9.00000	25.00000	99.00000	0.021697	-0.031340	0.0092591		
-8.00000	25.00000	99.00000	0.079607	-0.12936	0.026172		
-7.00000	25.00000	99.00000	0.12365	-0.22964	0.038233		
-6.00000	25.00000	99.00000	0.15237	-0.33014	0.048783		
-5.00000	25.00000	99.00000	0.16468	-0.42817	0.059522		
-4.00000	25.00000	99.00000	0.16013	-0.52044	0.070847		
-3.00000	25.00000	99.00000	0.13918	-0.60312	0.082210		
-2.00000	25.00000	99.00000	0.10341	-0.67214	0.092515		
-1.00000	25.00000	99.00000	0.055654	-0.72351	0.10050		
0.00000	25.00000	99.00000	0.0	-0.75375	0.10507		
1.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
2.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
3.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
4.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
5.00000	25.00000	99.00000	0.0	-1.1250	0.15682		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No. Name	Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
6.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
7.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
8.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
9.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
10.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
11.00000	25.00000	99.00000	0.013937	-1.1451	0.16276		
12.00000	25.00000	99.00000	0.054219	-1.2131	0.17464		
13.00000	25.00000	99.00000	0.089126	-1.2905	0.18437		
14.00000	25.00000	99.00000	0.11599	-1.3763	0.19395		
15.00000	25.00000	99.00000	0.13209	-1.4684	0.20456		
16.00000	25.00000	99.00000	0.13500	-1.5638	0.21654		
17.00000	25.00000	99.00000	0.12300	-1.6580	0.22947		
18.00000	25.00000	99.00000	0.095518	-1.7459	0.24227		
19.00000	25.00000	99.00000	0.053573	-1.8214	0.25355		
20.00000	25.00000	99.00000	0.0	-1.5075	0.21013		
21.00000	25.00000	99.00000	-0.053573	-1.8214	0.25355		
22.00000	25.00000	99.00000	-0.095518	-1.7459	0.24227		
23.00000	25.00000	99.00000	-0.12300	-1.6580	0.22947		
24.00000	25.00000	99.00000	-0.13500	-1.5638	0.21654		
25.00000	25.00000	99.00000	-0.13209	-1.4684	0.20456		
26.00000	25.00000	99.00000	-0.11599	-1.3763	0.19395		
27.00000	25.00000	99.00000	-0.089126	-1.2905	0.18437		
28.00000	25.00000	99.00000	-0.054219	-1.2131	0.17464		
29.00000	25.00000	99.00000	-0.013937	-1.1451	0.16276		
30.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
31.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
32.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
33.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
34.00000	25.00000	99.00000	0.0	-1.1250	0.15682		
35.00000	25.00000	99.00000	0.0	-0.75375	0.10507		
36.00000	25.00000	99.00000	-0.055654	-0.72351	0.10050		
37.00000	25.00000	99.00000	-0.10341	-0.67214	0.092515		
38.00000	25.00000	99.00000	-0.13918	-0.60312	0.082210		
39.00000	25.00000	99.00000	-0.16013	-0.52044	0.070847		
40.00000	25.00000	99.00000	-0.16468	-0.42817	0.059522		
41.00000	25.00000	99.00000	-0.15237	-0.33014	0.048783		
42.00000	25.00000	99.00000	-0.12365	-0.22964	0.038233		
43.00000	25.00000	99.00000	-0.079607	-0.12936	0.026172		
44.00000	25.00000	99.00000	-0.021697	-0.031340	0.0092591		
45.00000	25.00000	99.00000	0.0	0.0	0.0		
46.00000	25.00000	99.00000	0.0	0.0	0.0		
47.00000	25.00000	99.00000	0.0	0.0	0.0		
48.00000	25.00000	99.00000	0.0	0.0	0.0		
49.00000	25.00000	99.00000	0.0	0.0	0.0		
50.00000	25.00000	99.00000	0.0	0.0	0.0		
51.00000	25.00000	99.00000	0.0	0.0	0.0		
52.00000	25.00000	99.00000	0.0	0.0	0.0		
53.00000	25.00000	99.00000	0.0	0.0	0.0		
54.00000	25.00000	99.00000	0.0	0.0	0.0		
55.00000	25.00000	99.00000	0.0	0.0	0.0		
56.00000	25.00000	99.00000	0.0	0.0	0.0		
57.00000	25.00000	99.00000	0.0	0.0	0.0		
58.00000	25.00000	99.00000	0.0	0.0	0.0		
59.00000	25.00000	99.00000	0.0	0.0	0.0		
60.00000	25.00000	99.00000	0.0	0.0	0.0		
61.00000	25.00000	99.00000	0.0	0.0	0.0		
62.00000	25.00000	99.00000	0.0	0.0	0.0		
63.00000	25.00000	99.00000	0.0	0.0	0.0		
64.00000	25.00000	99.00000	0.0	0.0	0.0		
65.00000	25.00000	99.00000	0.0	0.0	0.0		
-30.00000	26.00000	99.00000	0.0	0.0	0.0		
-29.00000	26.00000	99.00000	0.0	0.0	0.0		
-28.00000	26.00000	99.00000	0.0	0.0	0.0		
-27.00000	26.00000	99.00000	0.0	0.0	0.0		
-26.00000	26.00000	99.00000	0.0	0.0	0.0		
-25.00000	26.00000	99.00000	0.0	0.0	0.0		
-24.00000	26.00000	99.00000	0.0	0.0	0.0		
-23.00000	26.00000	99.00000	0.0	0.0	0.0		
-22.00000	26.00000	99.00000	0.0	0.0	0.0		
-21.00000	26.00000	99.00000	0.0	0.0	0.0		
-20.00000	26.00000	99.00000	0.0	0.0	0.0		
-19.00000	26.00000	99.00000	0.0	0.0	0.0		
-18.00000	26.00000	99.00000	0.0	0.0	0.0		
-17.00000	26.00000	99.00000	0.0	0.0	0.0		
-16.00000	26.00000	99.00000	0.0	0.0	0.0		
-15.00000	26.00000	99.00000	0.0	0.0	0.0		
-14.00000	26.00000	99.00000	0.0	0.0	0.0		
-13.00000	26.00000	99.00000	0.0	0.0	0.0		
-12.00000	26.00000	99.00000	0.0	0.0	0.0		
-11.00000	26.00000	99.00000	0.0	0.0	0.0		
-10.00000	26.00000	99.00000	0.0	0.0	0.0		
-9.00000	26.00000	99.00000	0.0	0.0	0.0		
-8.00000	26.00000	99.00000	0.0	0.0	0.0		
-7.00000	26.00000	99.00000	0.033200	-0.066399	0.015541		
-6.00000	26.00000	99.00000	0.066107	-0.15425	0.028548		
-5.00000	26.00000	99.00000	0.085204	-0.23857	0.038165		
-4.00000	26.00000	99.00000	0.090444	-0.31655	0.046040		
-3.00000	26.00000	99.00000	0.082518	-0.38508	0.052837		
-2.00000	26.00000	99.00000	0.062988	-0.44091	0.058562		
-1.00000	26.00000	99.00000	0.034353	-0.48094	0.062883		
0.00000	26.00000	99.00000	0.0	-0.50250	0.065400		
1.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
2.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
3.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
4.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
5.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
6.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
7.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
8.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
9.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
10.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
11.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
12.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
13.00000	26.00000	99.00000	0.024598	-0.79920	0.10913		
14.00000	26.00000	99.00000	0.051477	-0.87011	0.11984		
15.00000	26.00000	99.00000	0.069588	-0.94485	0.12878		
16.00000	26.00000	99.00000	0.077304	-1.0206	0.13696		
17.00000	26.00000	99.00000	0.073636	-1.0936	0.14476		
18.00000	26.00000	99.00000	0.058537	-1.1598	0.15204		
19.00000	26.00000	99.00000	0.033162	-1.2143	0.15831		
20.00000	26.00000	99.00000	0.0	-1.0050	0.13080		
21.00000	26.00000	99.00000	-0.033162	-1.2143	0.15831		
22.00000	26.00000	99.00000	-0.058537	-1.1598	0.15204		
23.00000	26.00000	99.00000	-0.073636	-1.0936	0.14476		
24.00000	26.00000	99.00000	-0.077304	-1.0206	0.13696		
25.00000	26.00000	99.00000	-0.069588	-0.94485	0.12878		
26.00000	26.00000	99.00000	-0.051477	-0.87011	0.11984		
27.00000	26.00000	99.00000	-0.024598	-0.79920	0.10913		
28.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
29.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
30.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
31.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
32.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
33.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
34.00000	26.00000	99.00000	0.0	-0.75000	0.097612		
35.00000	26.00000	99.00000	0.0	-0.50250	0.065400		
36.00000	26.00000	99.00000	-0.034353	-0.48094	0.062883		
37.00000	26.00000	99.00000	-0.062988	-0.44091	0.058562		
38.00000	26.00000	99.00000	-0.082518	-0.38508	0.052837		
39.00000	26.00000	99.00000	-0.090444	-0.31655	0.046040		
40.00000	26.00000	99.00000	-0.085204	-0.23857	0.038165		
41.00000	26.00000	99.00000	-0.066107	-0.15425	0.028548		
42.00000	26.00000	99.00000	-0.033200	-0.066399	0.015541		
43.00000	26.00000	99.00000	0.0	0.0	0.0		
44.00000	26.00000	99.00000	0.0	0.0	0.0		
45.00000	26.00000	99.00000	0.0	0.0	0.0		
46.00000	26.00000	99.00000	0.0	0.0	0.0		
47.00000	26.00000	99.00000	0.0	0.0	0.0		
48.00000	26.00000	99.00000	0.0	0.0	0.0		
49.00000	26.00000	99.00000	0.0	0.0	0.0		
50.00000	26.00000	99.00000	0.0	0.0	0.0		



4 Wedderburn Road, London, NW3 5QE

Wall Movements

Excavation Phase

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/ Name	No. Dist. [m]	Coordinates			Displacements		
		x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	51.00000	26.00000	99.00000	0.0	0.0	0.0	
	52.00000	26.00000	99.00000	0.0	0.0	0.0	
	53.00000	26.00000	99.00000	0.0	0.0	0.0	
	54.00000	26.00000	99.00000	0.0	0.0	0.0	
	55.00000	26.00000	99.00000	0.0	0.0	0.0	
	56.00000	26.00000	99.00000	0.0	0.0	0.0	
	57.00000	26.00000	99.00000	0.0	0.0	0.0	
	58.00000	26.00000	99.00000	0.0	0.0	0.0	
	59.00000	26.00000	99.00000	0.0	0.0	0.0	
	60.00000	26.00000	99.00000	0.0	0.0	0.0	
	61.00000	26.00000	99.00000	0.0	0.0	0.0	
	62.00000	26.00000	99.00000	0.0	0.0	0.0	
	63.00000	26.00000	99.00000	0.0	0.0	0.0	
	64.00000	26.00000	99.00000	0.0	0.0	0.0	
	65.00000	26.00000	99.00000	0.0	0.0	0.0	
	-29.00000	27.00000	99.00000	0.0	0.0	0.0	
	-28.00000	27.00000	99.00000	0.0	0.0	0.0	
	-27.00000	27.00000	99.00000	0.0	0.0	0.0	
	-26.00000	27.00000	99.00000	0.0	0.0	0.0	
	-25.00000	27.00000	99.00000	0.0	0.0	0.0	
	-24.00000	27.00000	99.00000	0.0	0.0	0.0	
	-23.00000	27.00000	99.00000	0.0	0.0	0.0	
	-22.00000	27.00000	99.00000	0.0	0.0	0.0	
	-21.00000	27.00000	99.00000	0.0	0.0	0.0	
	-20.00000	27.00000	99.00000	0.0	0.0	0.0	
	-19.00000	27.00000	99.00000	0.0	0.0	0.0	
	-18.00000	27.00000	99.00000	0.0	0.0	0.0	
	-17.00000	27.00000	99.00000	0.0	0.0	0.0	
	-16.00000	27.00000	99.00000	0.0	0.0	0.0	
	-15.00000	27.00000	99.00000	0.0	0.0	0.0	
	-14.00000	27.00000	99.00000	0.0	0.0	0.0	
	-13.00000	27.00000	99.00000	0.0	0.0	0.0	
	-12.00000	27.00000	99.00000	0.0	0.0	0.0	
	-11.00000	27.00000	99.00000	0.0	0.0	0.0	
	-10.00000	27.00000	99.00000	0.0	0.0	0.0	
	-9.00000	27.00000	99.00000	0.0	0.0	0.0	
	-8.00000	27.00000	99.00000	0.0	0.0	0.0	
	-7.00000	27.00000	99.00000	0.0	0.0	0.0	
	-6.00000	27.00000	99.00000	0.0	0.0	0.0	
	-5.00000	27.00000	99.00000	0.013428	-0.040284	0.010314	
	-4.00000	27.00000	99.00000	0.028210	-0.10579	0.021227	
	-3.00000	27.00000	99.00000	0.032428	-0.16214	0.028869	
	-2.00000	27.00000	99.00000	0.027565	-0.20674	0.034206	
	-1.00000	27.00000	99.00000	0.015809	-0.23713	0.037678	
	0.00000	27.00000	99.00000	0.0	-0.25125	0.039407	
	1.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	2.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	3.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	4.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	5.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	6.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	7.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	8.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	9.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	10.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	11.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	12.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	13.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	14.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	15.00000	27.00000	99.00000	0.011137	-0.40841	0.067371	
	16.00000	27.00000	99.00000	0.024397	-0.46649	0.077173	
	17.00000	27.00000	99.00000	0.029180	-0.52090	0.084793	
	18.00000	27.00000	99.00000	0.025751	-0.56814	0.090771	
	19.00000	27.00000	99.00000	0.015298	-0.60447	0.095276	
	20.00000	27.00000	99.00000	0.0	-0.50250	0.078813	
	21.00000	27.00000	99.00000	-0.015298	-0.60447	0.095276	
	22.00000	27.00000	99.00000	-0.025751	-0.56814	0.090771	
	23.00000	27.00000	99.00000	-0.029180	-0.52090	0.084793	
	24.00000	27.00000	99.00000	-0.024397	-0.46649	0.077173	
	25.00000	27.00000	99.00000	-0.011137	-0.40841	0.067371	
	26.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	27.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	28.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	29.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	30.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	31.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	32.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	33.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	34.00000	27.00000	99.00000	0.0	-0.37500	0.058816	
	35.00000	27.00000	99.00000	0.0	-0.25125	0.039407	
	36.00000	27.00000	99.00000	-0.015809	-0.23713	0.037678	
	37.00000	27.00000	99.00000	-0.027565	-0.20674	0.034206	
	38.00000	27.00000	99.00000	-0.032428	-0.16214	0.028869	
	39.00000	27.00000	99.00000	-0.028210	-0.10579	0.021227	
	40.00000	27.00000	99.00000	-0.013428	-0.040284	0.010314	
	41.00000	27.00000	99.00000	0.0	0.0	0.0	
	42.00000	27.00000	99.00000	0.0	0.0	0.0	
	43.00000	27.00000	99.00000	0.0	0.0	0.0	
	44.00000	27.00000	99.00000	0.0	0.0	0.0	
	45.00000	27.00000	99.00000	0.0	0.0	0.0	
	46.00000	27.00000	99.00000	0.0	0.0	0.0	
	47.00000	27.00000	99.00000	0.0	0.0	0.0	
	48.00000	27.00000	99.00000	0.0	0.0	0.0	
	49.00000	27.00000	99.00000	0.0	0.0	0.0	
	50.00000	27.00000	99.00000	0.0	0.0	0.0	
	51.00000	27.00000	99.00000	0.0	0.0	0.0	
	52.00000	27.00000	99.00000	0.0	0.0	0.0	
	53.00000	27.00000	99.00000	0.0	0.0	0.0	
	54.00000	27.00000	99.00000	0.0	0.0	0.0	
	55.00000	27.00000	99.00000	0.0	0.0	0.0	
	56.00000	27.00000	99.00000	0.0	0.0	0.0	
	57.00000	27.00000	99.00000	0.0	0.0	0.0	
	58.00000	27.00000	99.00000	0.0	0.0	0.0	
	59.00000	27.00000	99.00000	0.0	0.0	0.0	
	60.00000	27.00000	99.00000	0.0	0.0	0.0	
	61.00000	27.00000	99.00000	0.0	0.0	0.0	
	62.00000	27.00000	99.00000	0.0	0.0	0.0	
	63.00000	27.00000	99.00000	0.0	0.0	0.0	
	64.00000	27.00000	99.00000	0.0	0.0	0.0	
	65.00000	27.00000	99.00000	0.0	0.0	0.0	
	-30.00000	28.00000	99.00000	0.0	0.0	0.0	
	-29.00000	28.00000	99.00000	0.0	0.0	0.0	
	-28.00000	28.00000	99.00000	0.0	0.0	0.0	
	-27.00000	28.00000	99.00000	0.0	0.0	0.0	
	-26.00000	28.00000	99.00000	0.0	0.0	0.0	
	-25.00000	28.00000	99.00000	0.0	0.0	0.0	
	-24.00000	28.00000	99.00000	0.0	0.0	0.0	
	-23.00000	28.00000	99.00000	0.0	0.0	0.0	
	-22.00000	28.00000	99.00000	0.0	0.0	0.0	
	-21.00000	28.00000	99.00000	0.0	0.0	0.0	
	-20.00000	28.00000	99.00000	0.0	0.0	0.0	
	-19.00000	28.00000	99.00000	0.0	0.0	0.0	
	-18.00000	28.00000	99.00000	0.0	0.0	0.0	
	-17.00000	28.00000	99.00000	0.0	0.0	0.0	
	-16.00000	28.00000	99.00000	0.0	0.0	0.0	
	-15.00000	28.00000	99.00000	0.0	0.0	0.0	
	-14.00000	28.00000	99.00000	0.0	0.0	0.0	
	-13.00000	28.00000	99.00000	0.0	0.0	0.0	
	-12.00000	28.00000	99.00000	0.0	0.0	0.0	
	-11.00000	28.00000	99.00000	0.0	0.0	0.0	
	-10.00000	28.00000	99.00000	0.0	0.0	0.0	
	-9.00000	28.00000	99.00000	0.0	0.0	0.0	
	-8.00000	28.00000	99.00000	0.0	0.0	0.0	
	-7.00000	28.00000	99.00000	0.0	0.0	0.0	
	-6.00000	28.00000	99.00000	0.0	0.0	0.0	
	-5.00000	28.00000	99.00000	0.0	0.0	0.0	
	-4.00000	28.00000	99.00000	0.0	0.0	0.0	
	-3.00000	28.00000	99.00000	0.0	0.0	0.0	
	-2.00000	28.00000	99.00000	0.0	0.0	0.0	
	-1.00000	28.00000	99.00000	0.0	0.0	0.0	

Job No.	Sheet No.	Rev.
J14267A		
Drg. Ref.		
Made by MP	Date 02-Jul-2015	Checked

Type/No.	Coordinates			Displacements			
Name	Dist. [m]	x [m]	y [m]	z [m]	x [mm]	y [mm]	z [mm]
	60.00000	45.00000	99.00000		0.0	0.0	0.0
	61.00000	45.00000	99.00000		0.0	0.0	0.0
	62.00000	45.00000	99.00000		0.0	0.0	0.0
	63.00000	45.00000	99.00000		0.0	0.0	0.0
	64.00000	45.00000	99.00000		0.0	0.0	0.0
	65.00000	45.00000	99.00000		0.0	0.0	0.0