

Excavation Method Drive-in Window Sampler	Dimensions		Ground Level (mOD)	Client Mr Nadav Kander & Ms Nicola Verity	Job Number J13359
	Location		Dates 03/12/2013	Engineer Fluid Structures	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.40	D1				(1.00)	Made Ground (dark brown clayey silt with gravel, roots, rootlets, fine brick, chalk, coal and glass fragments)			
1.20	D2				(1.20)	Firm orange-brown mottled bluish grey silty CLAY with fine to coarse angular to rounded gravel			
2.30	D3				2.20	fine rootlets to 2.0 m			
3.30	D4				(3.80)	Firm fissured brown silty CLAY with partings of bluish grey silt, fine claystones and decayed roots			
4.30	D5								
5.30	D6				6.00				
						Complete at 6.00m			

Remarks Groundwater not encountered. Groundwater monitoring standpipe installed in borehole to 6.0 m. Groundwater monitoring visit on 10/12/13 recorded the standpipe to be dry. Groundwater monitoring visit on 6/01/14 recorded the standpipe to be dry.	Scale (approx)	Logged By
	1:50	ML
	Figure No. J13359.BH1	

Excavation Method Drive-in Window Sampler	Dimensions		Ground Level (mOD)	Client Mr Nadav Kander & Ms Nicola Verity	Job Number J13359
	Location		Dates 03/12/2013	Engineer Fluid Structures	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.40	D1				(1.00)	Made Ground (brown becoming dark grey clayey slightly organic silt with gravel, brick and fine coal fragments)			
1.10	D2				1.00 (1.00)	Orange-brown clayey silty fine to medium subrounded to angular GRAVEL			
2.10	D3				2.00	Firm fissured brown silty CLAY with partings of bluish grey and brown silt, partings of orange-brown fine sand and selenite crystals			
3.10	D4								
4.10	D5				(4.00)	fine shells below 4.0 m			
5.10	D6								
6.00	D7				6.00	Complete at 6.00m			

Remarks Groundwater not encountered. Groundwater monitoring standpipe installed in borehole to a depth of 6.0 m. Groundwater monitoring visit on 10/12/13 recorded the standpipe to be dry. Groundwater monitoring visit on 06/01/14 recorded the standpipe to be dry.	Scale (approx)	Logged By
	1:50	ML
	Figure No. J13359.BH2	

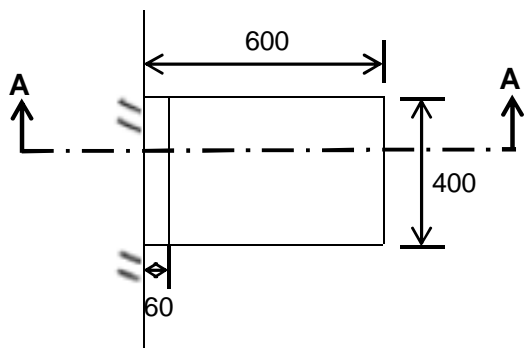
Excavation Method Drive-in Window Sampler	Dimensions		Ground Level (mOD)	Client Mr Nadav Kander & Ms Nicola Verity	Job Number J13359
	Location		Dates 03/12/2013	Engineer Fluid Structures	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water	Instr
0.40	D1				(1.00)	Made Ground (brown mottled grey clayey silt with gravel, brick, coal and pottery fragments)			
1.20	D2				(0.70)	Firm brownish grey silty CLAY with occasional medium rounded gravel			
1.80	D3				1.70	Firm fissured brown silty CLAY with partings of bluish grey silt, occasional pockets of orange-brown fine sand and selenite crystals			
2.80	D4								
3.80	D5				(4.30)	fine shells below 4.0 m.			
4.80	D6								
5.80	D7				6.00				
						Complete at 6.00m			

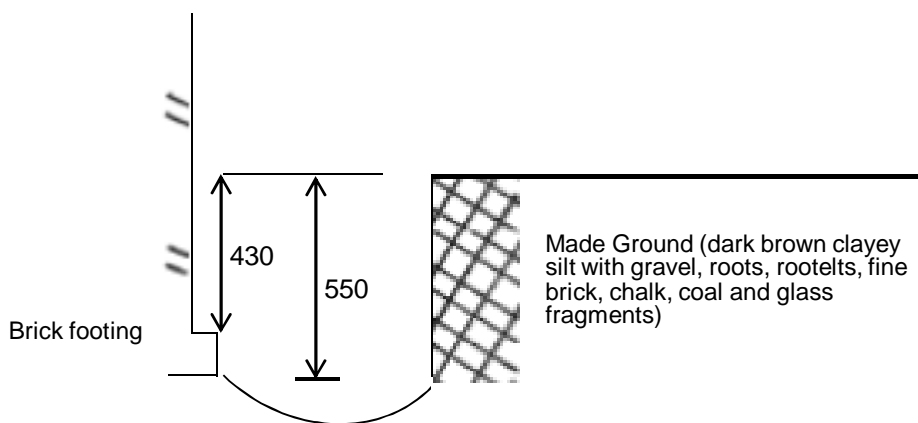
Remarks Groundwater not encountered. Groundwater monitoring standpipe installed in borehole to a depth of 6.0 m. Groundwater monitoring visit on 10/12/13 recorded the standpipe to be dry. Groundwater monitoring visit on 06/01/14 recorded the standpipe to be dry.	Scale (approx)	Logged By
	1:50	ML
Figure No. J13359.BH3		

Excavation Method Manual	Dimensions 600 x 400 x 550	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



Remarks:

All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Sample: 0.4 m

Scale:
1:20

Logged by:
ML



Geotechnical & Environmental Associates

Tyttenhanger House
Coursers Road
St Albans
Herts AL4 0PG

Site

29 Prince of Wales Road, London NW5 3LH

Trial Pit Number

1

Excavation Method
Manual

Dimensions

600 x 400 x 550

Ground Level (mOD)

Client

Mr Nadav kander & Ms Nicola Verity

Job Number

J13359

Location

Dates

02/12/2013

Engineer

Fluid Structures

Sheet

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Remarks:

All dimensions in millimetres

Sample: 0.4 m

Sides of trial pit remained stable during excavation

Groundwater: Not encountered

Scale:

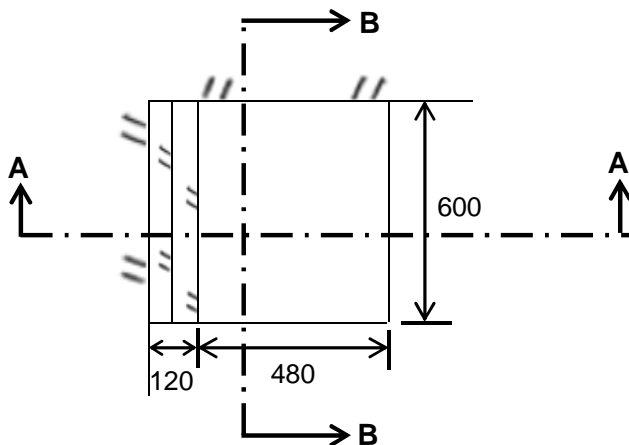
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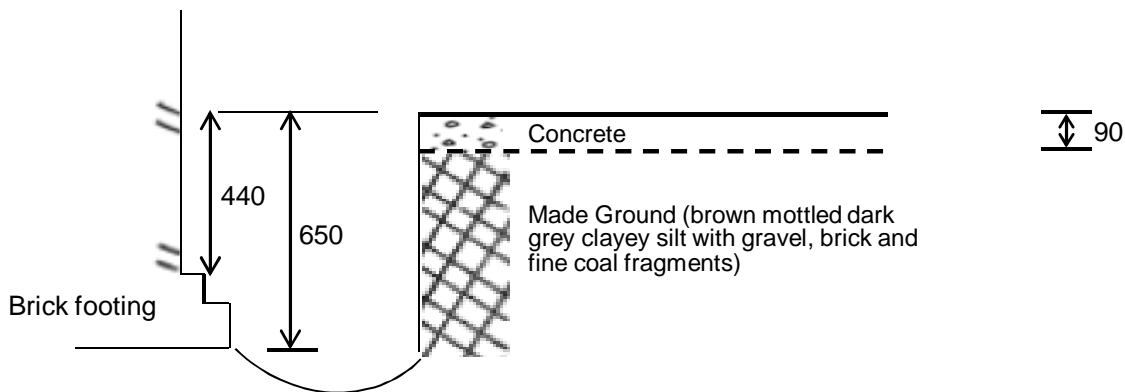
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Excavation Method Manual	Dimensions 600 x 600 x 650	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



Remarks: All dimensions in millimetres Sides of trial pit remained stable during excavation Groundwater: Not encountered	Sample: 0.4 m	Scale: 1:20
		Logged by: ML



Geotechnical & Environmental Associates

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Site

29 Prince of Wales Road, London NW5 3LH

Trial Pit Number

2

Excavation Method

Manual

Dimensions

600 x 600 x 650

Ground Level (mOD)

Client

Mr Nadav kander & Ms Nicola Verity

Job Number

J13359

Location

Dates

02/12/2013

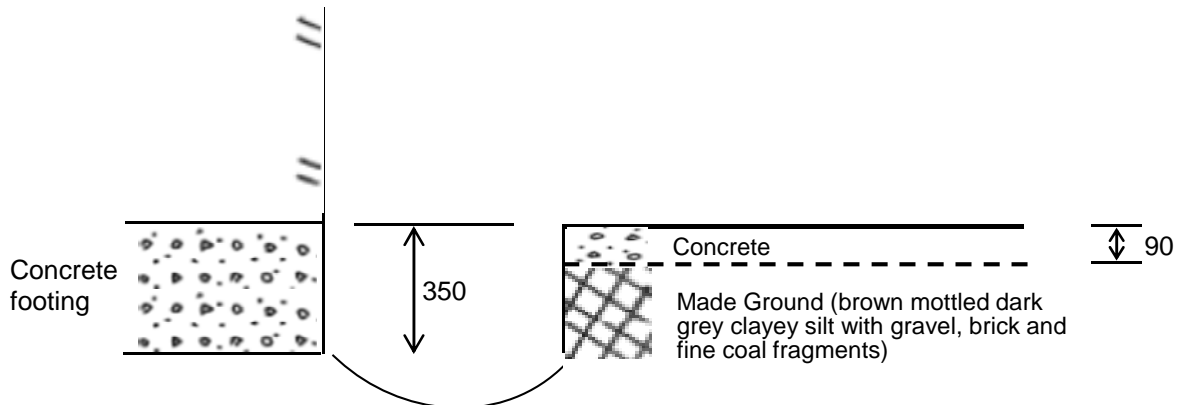
Engineer

Price and Myers

Sheet

2 / 2

Section B - B: -



Remarks:

All dimensions in millimetres

Sample: 0.4 m

Sides of trial pit remained stable during excavation

Groundwater: Not encountered

Scale:

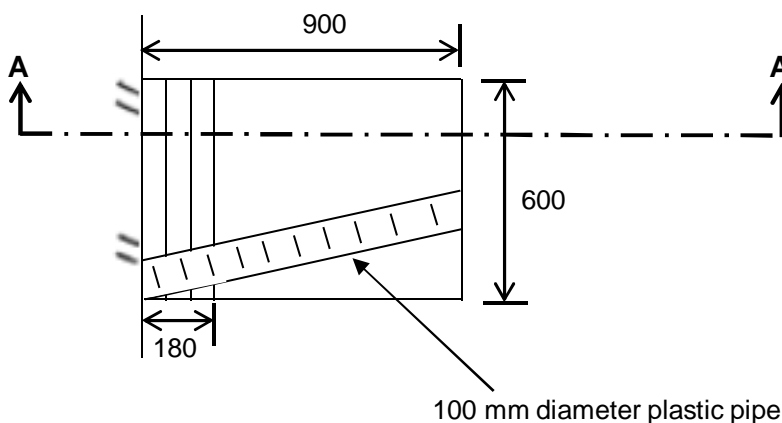
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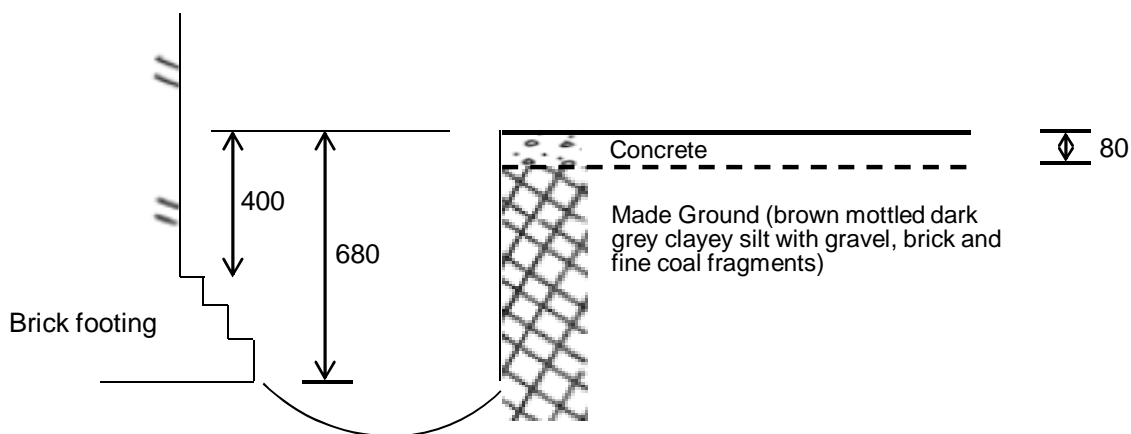
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Excavation Method Manual	Dimensions 800 x 600 x 680	Ground Level (mOD) 0.64	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



Remarks:

All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:

1:20

Logged by:

ML

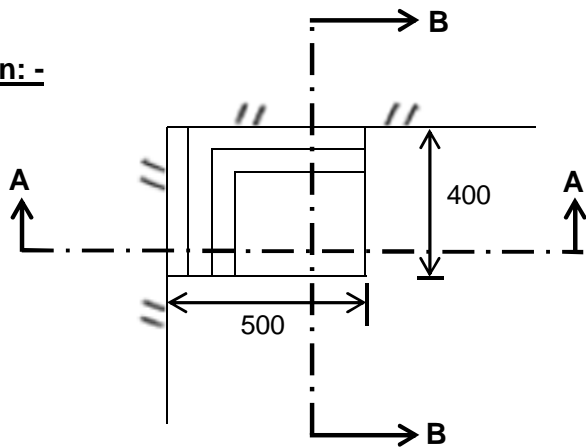
Excavation Method Manual	Dimensions 800 x 600 x 680	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 2 / 2



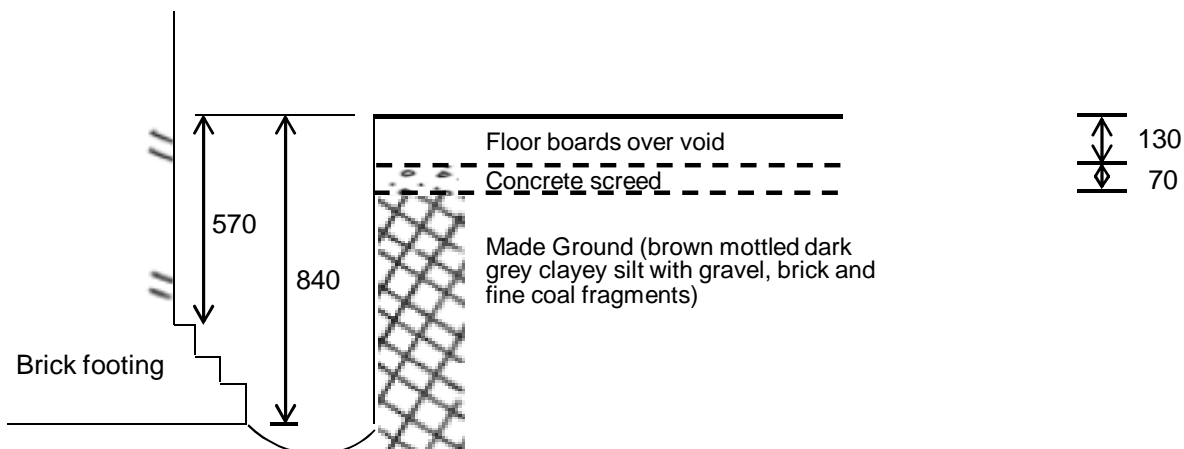
Remarks: All dimensions in millimetres Sides of trial pit remained stable during excavation Groundwater: Not encountered	Scale: 1:20
	Logged by: ML

Excavation Method Manual	Dimensions 500 x 400 x 850	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



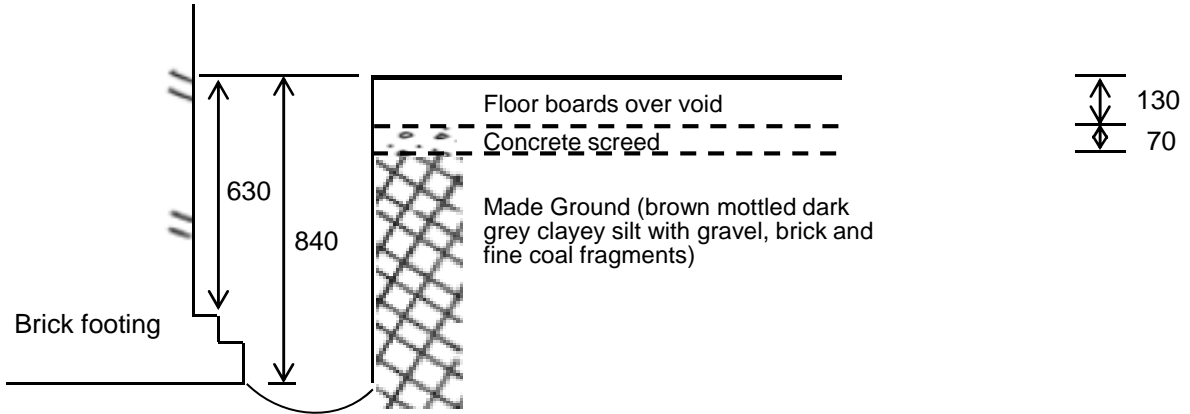
Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20
Logged by:
ML



Excavation Method Manual	Dimensions 500 x 400 x 850	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 2 / 2

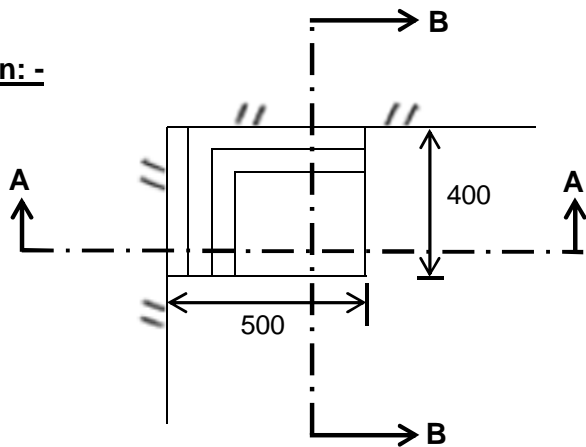
Section B - B: -



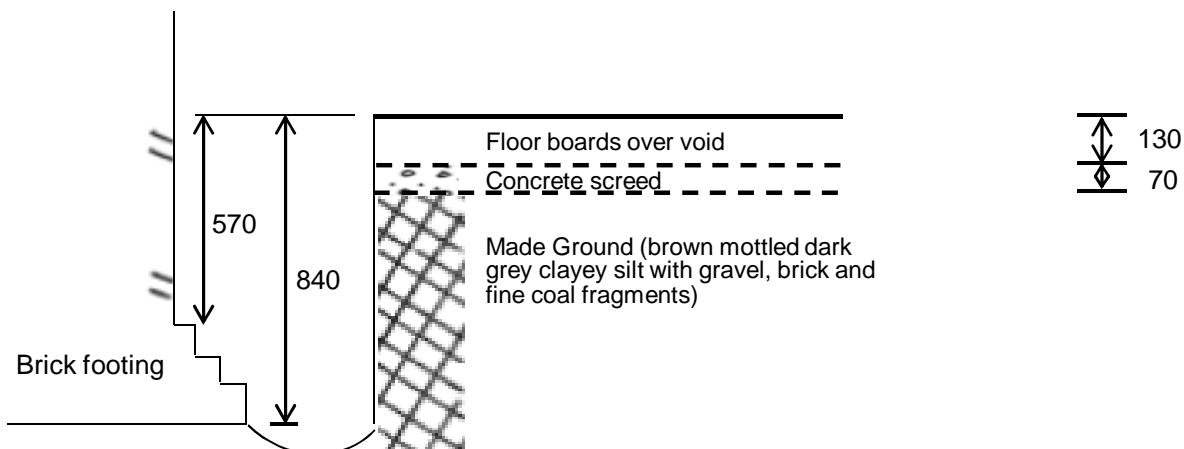
Remarks: All dimensions in millimetres Sides of trial pit remained stable during excavation Groundwater: Not encountered	Scale: 1:20
	Logged by: ML

Excavation Method Manual	Dimensions 500 x 400 x 850	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



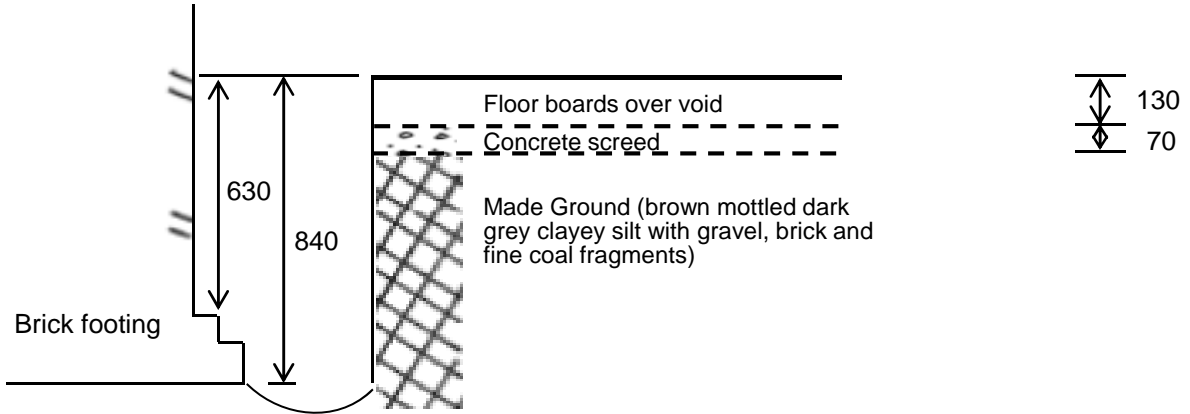
Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20
Logged by:
ML



Excavation Method Manual	Dimensions 500 x 400 x 850	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 2 / 2

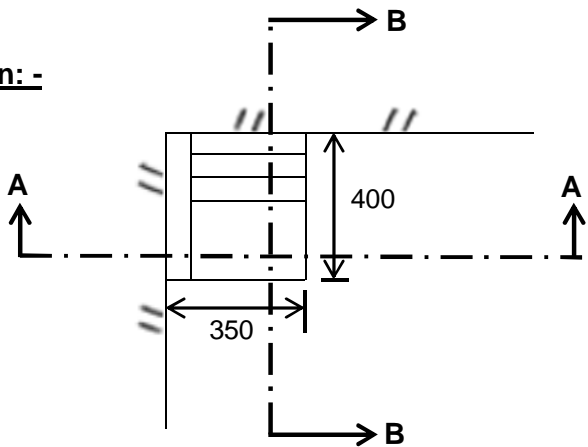
Section B - B: -



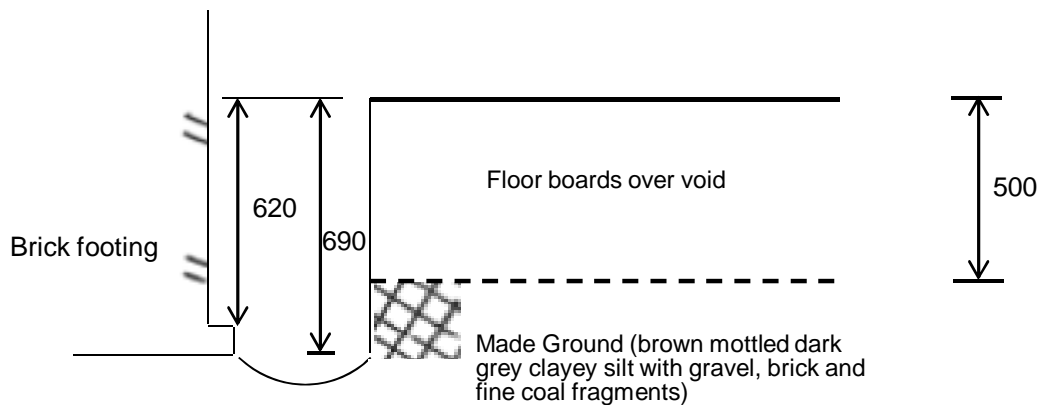
Remarks: All dimensions in millimetres Sides of trial pit remained stable during excavation Groundwater: Not encountered	Scale: 1:20
	Logged by: ML

Excavation Method Manual	Dimensions 400 x 350 x 900	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -

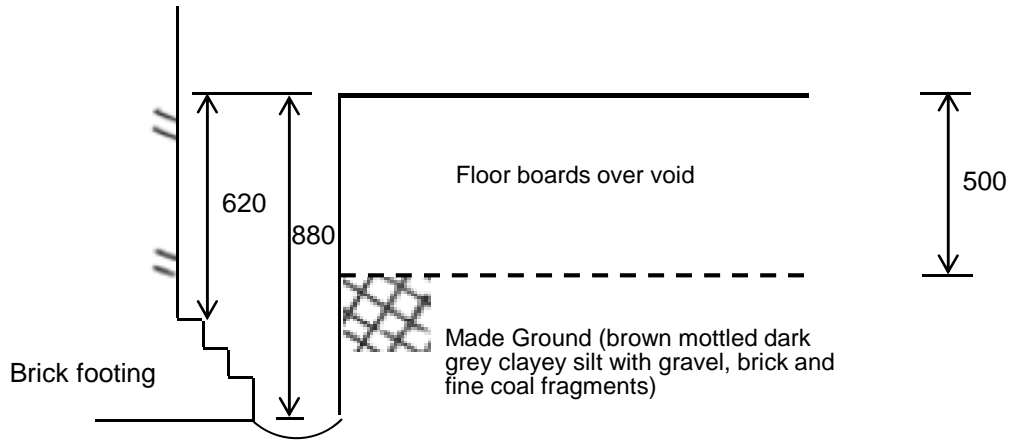


Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20

Logged by:
ML

Excavation Method Manual	Dimensions 400 x 350 x 900	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 2 / 2

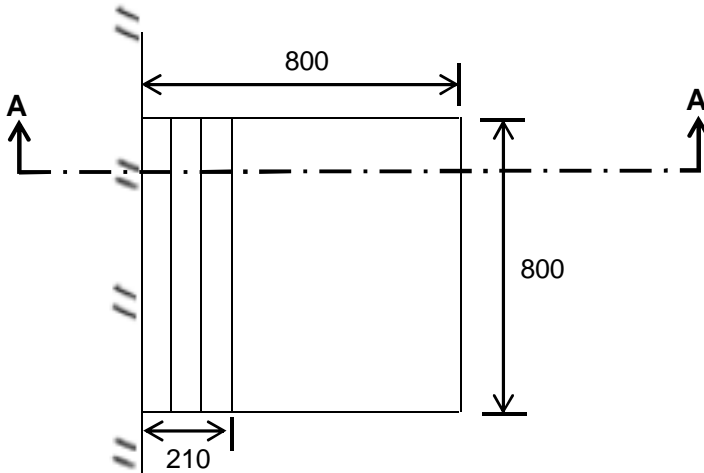


Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

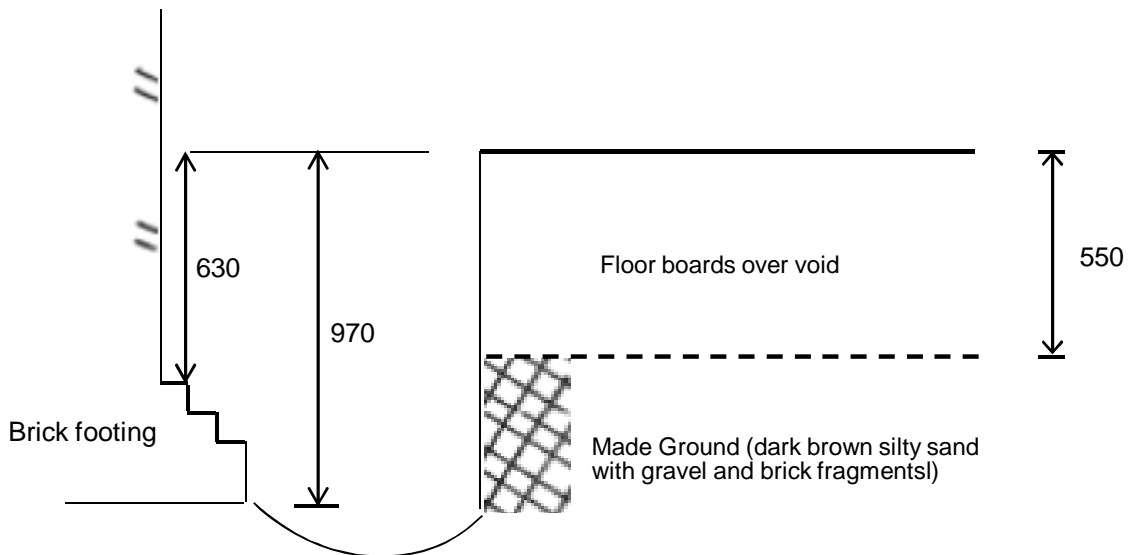
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Logged by:
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Excavation Method Manual	Dimensions 800 x 800 x 970	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20
Logged by:
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Site

29 Prince of Wales Road, London NW5
3LH

**Trial Pit
Number**
6

Excavation Method
Manual

Dimensions
800 x 800 x 970

Ground Level (mOD)

Client

Mr Nadav kander & Ms Nicola Verity

**Job
Number**

J13359

Location

Dates

02/12/2013

Engineer

Fluid Structures

Sheet

2 / 2



Remarks:

All dimensions in millimetres

Sides of trial pit remained stable during excavation

Groundwater: Not encountered

Scale:

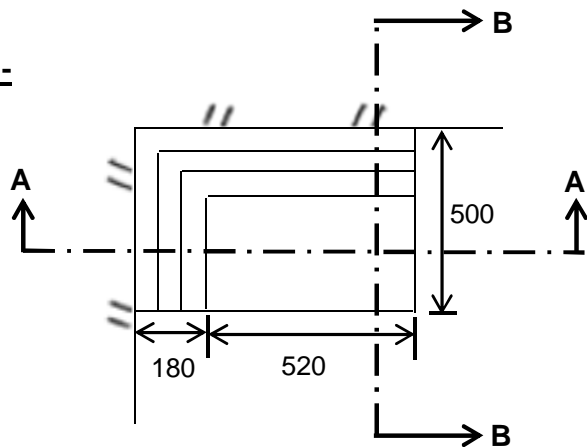
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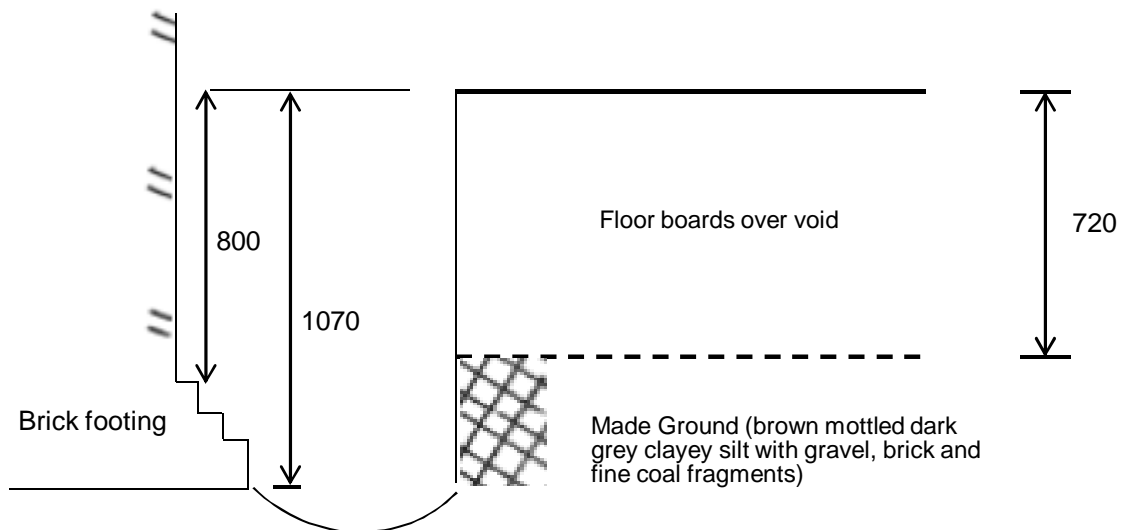
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Excavation Method Manual	Dimensions 700 x 500 x 1200	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



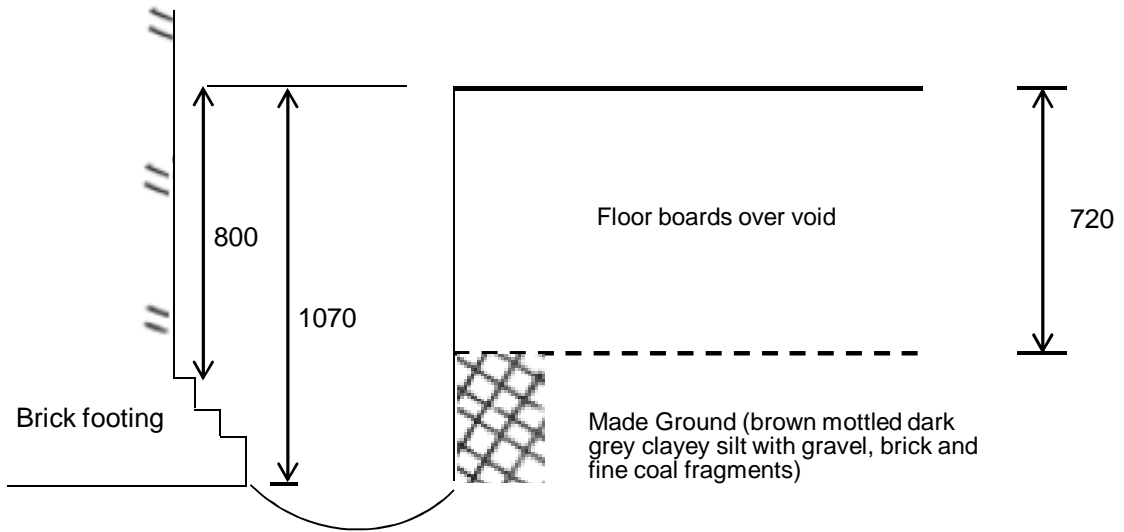
Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20

Logged by:
ML

Excavation Method Manual	Dimensions 700 x 500 x 1200	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 2 / 2

Section B - B: -

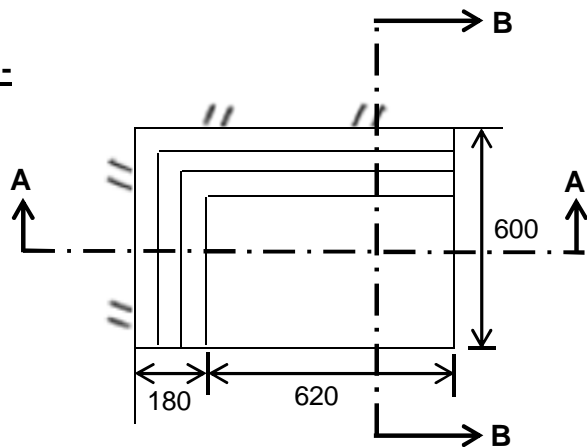


Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not Encountered

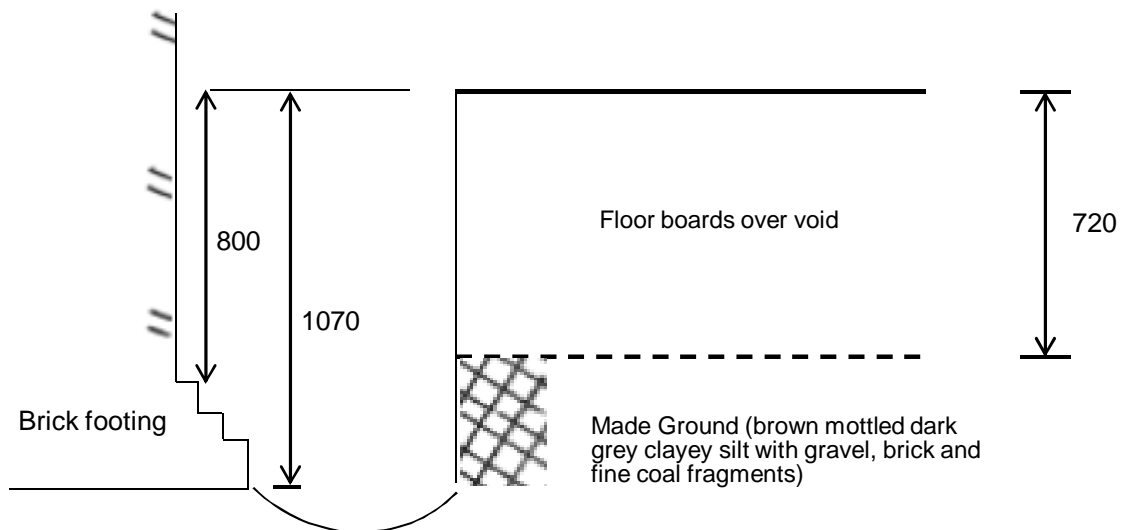
Scale:
1:20
Logged by:
ML

Excavation Method Manual	Dimensions 800 x 600 x 1100	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



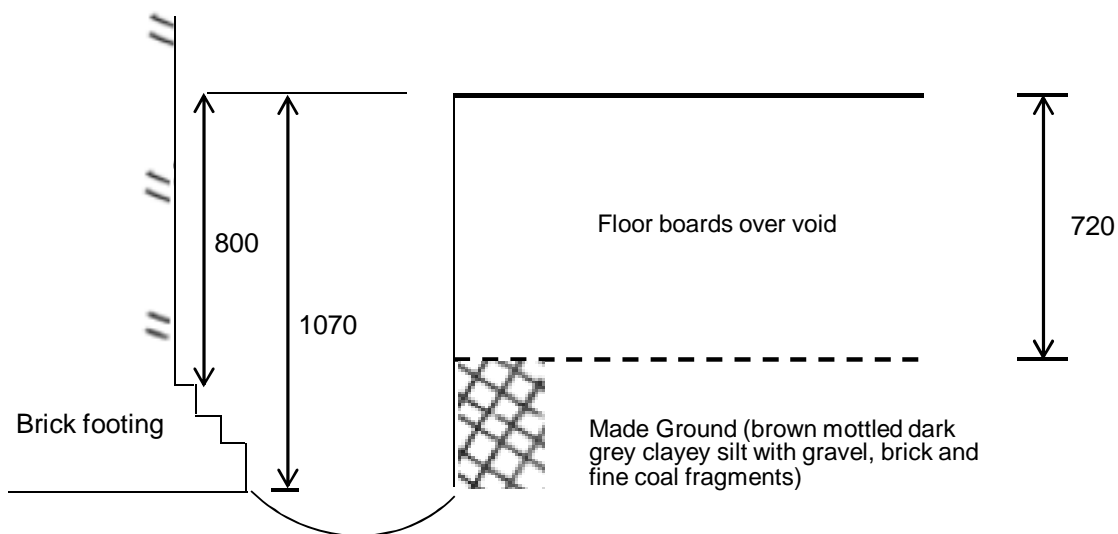
Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20

Logged by:
ML

Excavation Method Manual	Dimensions 800 x 600 x 1100	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 2 / 2

Section B - B: -

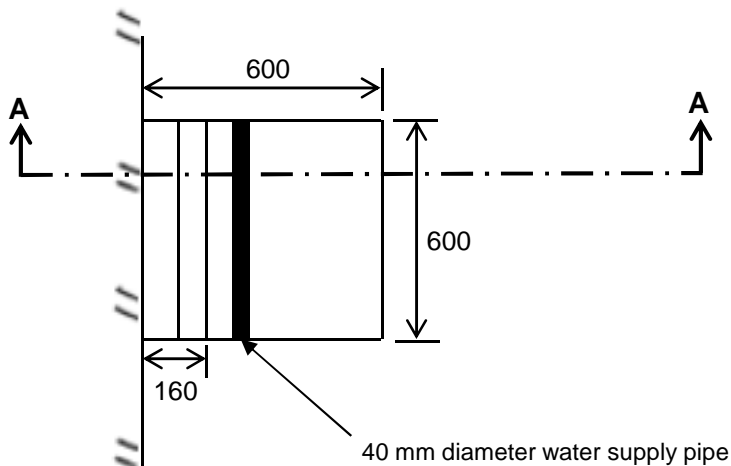


Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

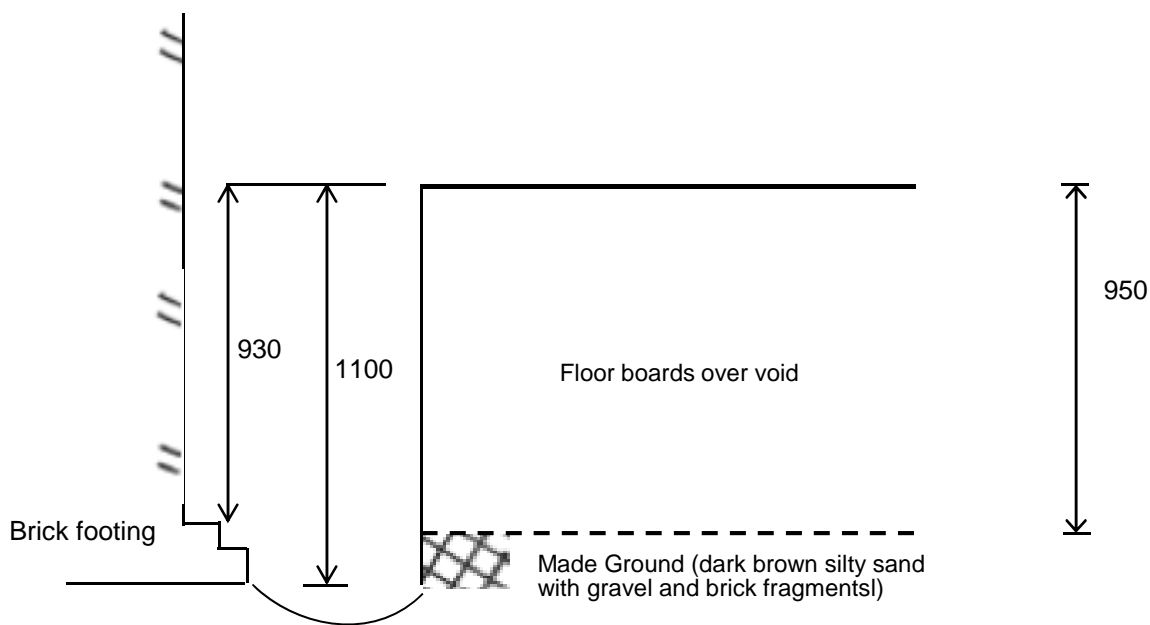
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Logged by:
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Excavation Method Manual	Dimensions 600 x 600 x 1100	Ground Level (mOD)	Client Mr Nadav kander & Ms Nicola Verity	Job Number J13359
	Location	Dates 02/12/2013	Engineer Fluid Structures	Sheet 1 / 2

Plan: -



Section A - A: -



Remarks:
All dimensions in millimetres
Sides of trial pit remained stable during excavation
Groundwater: Not encountered

Scale:
1:20
Logged by:
ML



Geotechnical & Environmental Associates

Tyttenhanger House
Coursers Road
St Albans
Herts AL4 0PG

Site

29 Prince of Wales Road, London NW5 3LH

Trial Pit Number
9

Excavation Method
Manual

Dimensions
600 x 600 x 1100

Ground Level (mOD)

Client

Mr Nadav kander & Ms Nicola Verity

Job Number
J13359

Location

Dates

02/12/2013

Engineer

Fluid Structures

Sheet
2 / 2



Remarks:

All dimensions in millimetres

Sides of trial pit remained stable during excavation


Groundwater: Not encountered


Scale:


1:20

Logged by:

ML

Project Name: 29 Prince of Wales Road, London NW5 3LH					Samples Received: 05/12/2013		K4 SOILS 		
Client: GEA					Project Started: 11/12/2013				
Project No: J13359					Testing Started: 20/12/2013				
Our job/report no: 15803					Date Reported: 23/12/2013				
Borehole No:	Sample No:	Depth (m)	Description	Moisture content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Passing 0.425 mm (%)	Remarks
BH1	D2	1.20	Brown slightly gravelly CLAY (gravel is fmc and sub-angular to angular)	27	62	23	39	75	
BH1	D4	3.30	Brown CLAY	32	80	27	53	100	
BH1	D6	5.30	Brown CLAY with blue grey veins and orange brown sandy patches	34	81	29	52	100	
BH2	D3	2.10	Brown CLAY with scattered selenite	27	73	28	45	100	
BH2	D5	4.10	Brown CLAY with scattered selenite	31	76	29	47	100	
BH2	D7	6.00	Brown CLAY with scattered selenite	30	73	27	46	100	
BH3	D2	1.20	Brown and grey slightly gravelly CLAY (gravel is fmc and sub-angular)	31	70	23	47	90	
BH3	D4	2.80	Brown CLAY with scattered selenite	29	75	25	50	100	
BH3	D6	4.80	Brown CLAY	32	78	27	51	100	

	Summary of Test Results		Checked and Approved
	BS 1377 : Part 2 : Clause 4.4 : 1990 Determination of the liquid limit by the cone penetrometer method.		Initials: K.P
	BS 1377 : Part 2 : Clause 5 : 1990 Determination of the plastic limit and plasticity index.		Date: 23/12/2013
BS 1377 : Part 2 : Clause 3.2 : 1990 Determination of the moisture content by the oven-drying method.			
Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU			
Test Results relate only to the sample numbers shown above. Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)			
All samples connected with this report, incl any on 'hold' will be stored and disposed off according to Company policy. A copy of this policy is available on request.			
MSF-11/R2			

Project Name: 29 Prince of Wales Road, London NW5 3LH					K4 SOILS 
Client: GEA		Project no: J13359			
		Our job no: 15803			
Borehole No:	Sample No:	Depth m	Description	pH	Sulphate content (g/l)
BH1	D3	2.30	Dark brown slightly gravelly CLAY with organic brown sandy pockets (gravel is fm and rounded)	7.9	0.21
BH2	D4	3.10	Dark greyish brown slightly mottled blue grey CLAY with scattered selenite	7.9	2.22
BH2	D6	5.10	Dark greyish brown CLAY with scattered selenite	7.9	2.24
BH3	D3	1.80	Dark grey brown CLAY with scattered traces of selenite	8.2	0.74
BH3	D7	5.80	Dark grey brown CLAY with scattered traces of selenite	7.9	1.82

		Summary of Test Results			
Date 23/12/2013		BS 1377 : Part 3 :Clause 5 : 1990		Checked and Approved	
		Determination of sulphate content of soil and ground water : gravimetric method		Initials : kp	

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 10 December 2013

Report Date
17 December 2013

J113359 - 29 Prince of Wales Road, London NW5 3LH

FAO Matt Legg

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Sampling Date

Depth

Matrix

SOP ↓ Determinand ↓ CAS No ↓ Units ↓ *

		246738				
		AJ56170	AJ56171	AJ56172	AJ56173	AJ56174
		BH1	BH2	BH3	TP1	TP2
		3/12/2013	3/12/2013	3/12/2013	3/12/2013	3/12/2013
		0.40m	0.40m	0.40m	0.40m	0.40m
		SOIL	SOIL	SOIL	SOIL	SOIL
2030	Moisture	16.4	19.8	23.9	17.7	19.4
	Stones content (>50mm)	<0.02	<0.02	<0.02	<0.02	<0.02
2040	Soil colour	brown	brown	brown	brown	brown
	Soil texture	sand	sand	sand	sand	sand
	Other material	stones	stones	stones	stones	stones
2010	pH	7.6	8.1	7.6	7.9	7.8
2300	Cyanide (total)	<0.50	<0.50	<0.50	<0.50	<0.50
2325	Sulfide (Easily Liberatable)	2.4	7.7	2.2	3.2	2.0
2625	Total Organic Carbon	5.1	3.8	3.1	6.1	6.0
2220	Chloride (extractable)	0.037	0.014	0.020	0.12	<0.010
2430	Sulfate (total) as SO4	2800	2100	900	1700	1900
2450	Arsenic	26	15	18	24	27
	Cadmium	0.19	<0.10	0.14	0.15	0.84
	Chromium	26	23	22	20	29
	Copper	120	51	61	97	150
	Mercury	4.7	1.4	1.4	2.7	8.2
	Nickel	29	17	20	20	30
	Lead	680	280	1300	540	1600
	Selenium	0.78	0.65	0.38	0.72	1.1
	Zinc	270	67	96	210	510
2670	TPH >C5-C6	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C6-C7	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C7-C8	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C8-C10	<0.1	<0.1	<0.1	<0.1	<0.1

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 10 December 2013

J113359 - 29 Prince of Wales Road, London NW5 3LH

Report Date

17 December 2013

		246738			
AJ56170	AJ56171	AJ56172	AJ56173	AJ56174	
BH1	BH2	BH3	TP1	TP2	
3/12/2013	3/12/2013	3/12/2013	3/12/2013	3/12/2013	
0.40m	0.40m	0.40m	0.40m	0.40m	
SOIL	SOIL	SOIL	SOIL	SOIL	
< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
< 0.1	< 0.1	< 0.1	< 0.1	5.7	
6.7	< 0.1	1.8	1.9	21	
120	< 0.1	0.30	0.38	42	
130	< 10	< 10	< 10	69	
0.11	< 0.1	< 0.1	0.14	0.33	
0.2	< 0.1	< 0.1	0.16	0.33	
83329	< 0.1	< 0.1	0.17	0.51	
86737	< 0.1	< 0.1	0.17	0.28	
85018	< 0.1	0.44	0.58	1.8	
120127	< 0.1	0.17	0.24	0.54	
206440	< 0.1	0.69	0.89	3	
129000	< 0.1	0.6	0.68	2.5	
56553	< 0.1	0.32	0.4	1.9	
218019	< 0.1	0.45	0.54	2.4	
205992	< 0.1	0.57	< 0.1	2.6	
207089	< 0.1	0.44	0.52	1.8	
50328	< 0.1	0.49	0.5	1.9	
53703	< 0.1	0.12	0.1	0.47	
193395	< 0.1	0.3	0.27	1.4	
191242	< 0.1	0.83	0.38	1.3	
Total (of 16) PAHs	< 2	5.4	5.7	23	
Phenols (total)	< 0.3	< 0.3	0.4	< 0.3	

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Proposed End Use Residential with plant uptake

Soil pH 8

Soil Organic Matter content % 6.0

Contaminant	Guideline Value mg/kg	Data Source
Metals		
Arsenic	32	SGV
Cadmium	10	SGV
Chromium (III)	3000	LQM/CIEH
Chromium (VI)	4.3	LQM/CIEH
Copper	2,330	LQM/CIEH
Lead	450	withdrawn SGV
Elemental Mercury	1	SGV
Inorganic Mercury	170	SGV
Nickel	130	LQM/CIEH
Selenium	350	SGV
Zinc	3,750	LQM/CIEH
Hydrocarbons		
Benzene	0.33	SGV
Toluene	610	SGV
Ethyl Benzene	350	SGV
Xylene	230	SGV
Aliphatic C5-C6	110	LQM/CIEH
Aliphatic C6-C8	370	LQM/CIEH
Aliphatic C8-C10	110	LQM/CIEH
Aliphatic C10-C12	540	LQM/CIEH
Aliphatic C12-C16	3000	LQM/CIEH
Aliphatic C16-C35	76,000	LQM/CIEH
Aromatic C6-C7	See Benzene	LQM/CIEH
Aromatic C7-C8	See Toluene	LQM/CIEH
Aromatic C8-C10	151	LQM/CIEH
Aromatic C10-C12	346	LQM/CIEH
Aromatic C12-C16	593	LQM/CIEH
Aromatic C16-C21	770	LQM/CIEH
Aromatic C21-C35	1230	LQM/CIEH
PRO (C ₅ -C ₁₀)	1351	Calc
DRO (C ₁₂ -C ₂₈)	80,363	Calc
Lube Oil (C ₂₈ -C ₄₄)	77,230	Calc
TPH	1000	Trigger for speciated testing

Contaminant	Guideline Value mg/kg	Data Source
Anions		
Soluble Sulphate	0.5 g/l	Structures
Sulphide	50	Structures
Chloride	400	Structures
Others		
Organic Carbon (%)	6	Methanogenic potential
Total Cyanide	140	WRAS
Total Mono Phenols	420	SGV
PAH		
Naphthalene	8.70	LQM/CIEH
Acenaphthylene	850	LQM/CIEH
Acenaphthene	1,000	LQM/CIEH
Fluorene	780	LQM/CIEH
Phenanthrene	380	LQM/CIEH
Anthracene	9,200	LQM/CIEH
Fluoranthene	670	LQM/CIEH
Pyrene	1,600	LQM/CIEH
Benzo(a) Anthracene	5.9	LQM/CIEH
Chrysene	9	LQM/CIEH
Benzo(b) Fluoranthene	7.0	LQM/CIEH
Benzo(k) Fluoranthene	10.0	LQM/CIEH
Benzo(a) pyrene	1.00	LQM/CIEH
Indeno(1 2 3 cd) Pyrene	4.2	LQM/CIEH
Dibenzo(a h) Anthracene	0.90	LQM/CIEH
Benzo (g h i) Perylene	47	LQM/CIEH
Total PAH	6.7	B(a)P / 0.15
Chlorinated Solvents		
1,1,1 trichloroethane (TCA)	28	LQM/CIEH
tetrachloroethane (PCA)	4.8	LQM/CIEH
tetrachloroethene (PCE)	4.8	LQM/CIEH
trichloroethene (TCE)	0.49	LQM/CIEH
1,2-dichloroethane (DCA)	0.014	LQM/CIEH
vinyl chloride (Chloroethene)	0.00099	LQM/CIEH
tetrachloromethane (Carbon tetra	0.089	LQM/CIEH
trichloromethane (Chloroform)	2.7	LQM/CIEH

Notes

Concentrations measured below the above values may be considered to represent 'uncontaminated conditions' which do not pose a risk to human health. Concentrations measured in excess of these values indicate a potential risk, and thus require further, site specific risk assessment.

SGV - Soil Guideline Value, derived from the CLEA model and published by Environment Agency 2009

withdrawn SGV - Former SGV, derived from the CLEA 2000 model and published by DEFRA pending confirmation of new approach to modeling lead

LQM/CIEH - Generic Assessment Criteria for Human Health Risk Assessment 2nd edition (2009) derived using CLEA 1.04 model 2009

Calc - sum of nearest available carbon range specified including BTEX for PRO fraction

B(a)P / 0.15 - GEA experience indicates that Benzo(a) pyrene (one of the most common and most carcinogenic of the PAHs) rarely exceeds 15% of the total PAH concentration, hence this Total PAH threshold is regarded as being conservative

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Engineer Fluid Structures

Prince of Wales Road

