#### **APPENDIX**

Site Plan

Borehole Records

SPT/Depth Graph

Trial Pit Records

Geotechnical Test Results

**Chemical Test Results** 

Generic Risk Based Screening Values

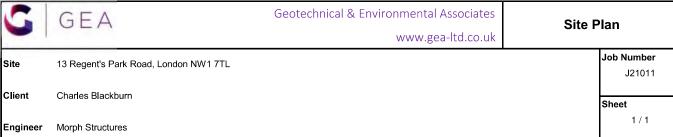
Risk Assessment Tables

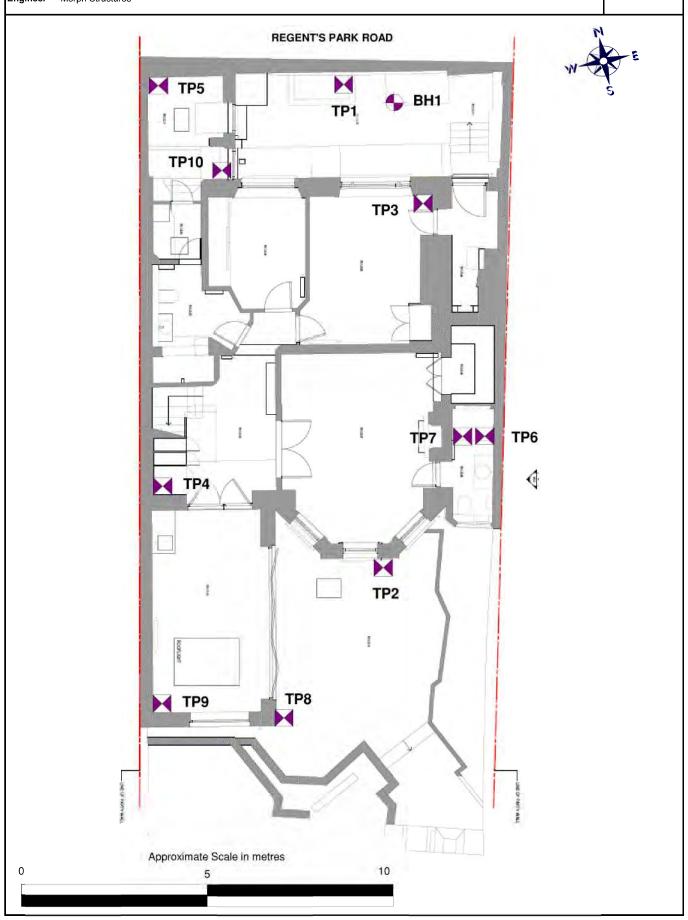
**Envirocheck Extracts** 

Historical Maps

UXO Preliminary Risk Assessment









Project				BOREHOLE No
13 Regent's F	ark Road			1
Job No	Date 29-01-21	Ground Level (m TBM	Co-Ordinates ()	<b>T</b>
J21011	29-01-21	47.98		
Client		Engineer		Sheet
Charles Blackburn		Morph St	ructures	1 of 2

Charles Blackburn						Morph S		1 of	
SAMPLES & TESTS			er			Donath	STRATA		kfill
Depth	Type No	Test Result	Water	Reduc Leve	ced el Legen	Depth d (Thick- ness)	DESCRIPTION		Instrument / Backfill
				47.	.28	(0.70) 0.70		fragments of	
-		1,2/2,2,2,3 N60 = 10		46.	T	(0.50)	Tootiets to 1.0 iii)	asional	
1.50	D			46.	.48 = =	1.50	CLAY	/	/10 N=
2.00	D	1,2/2,3,3,3 N60 = 12				- <u>-</u>	Firm fissured brown mottled grey clay Cl Occasional claystone fragments from 1.8	AY. 3 m to 2.0 m	
2.50	D					-  -   	2.40with selenite crystals and occasion orange-brown silt partings from 2.4 m	al	000
3.00	D	1,2/2,2,3,3 N60 = 11							
3.50	D				==				
4.00	D	1,2/3,2,4,3 N60 = 13					4.00brown with occasional grey veining 5.5 m	g from 4.0 m to	
4.50	D					-			
5.00	D	2,2/3,4,4,4 N60 = 16					5.00becoming stiff		
5.50	D					 - - - -	5.50becoming brown		
6.00	D	2,2/3,4,5,5 N60 = 19				(9.00)			
6.50	D								
7.00	D	2,2/3,3,4,4 N60 = 15				-			
7.50	D								
8.00	D	2,3/4,4,5,6 N60 = 21							
8.50	D					- <u>-</u>			
9.00	D	3,4/5,5,5,6 N60 = 23							
9.50	D								
Borii	ng Progre	ss and Water Ol					GENERAL		
Depth	Date	Time Casir Depth   I	ng Dia.	mm	Water Depth		REMARKS		
						Groundw from 1.5	ater not encountered. ater monitoring standpipe installed to 4.0 m. ater monitored at a depth of 1.01 m (46.9	•	
All dimen	sions in me	tres Method/ Plant Used O	per	ndrive	e percus	sive sam	pler	Logged By KM	

١	Boring Progress and Water Observations								
	Depth	Date	Time	Cas Depth	Casing W. Depth   Dia. mm   D				
ŀ									
1									
ı									

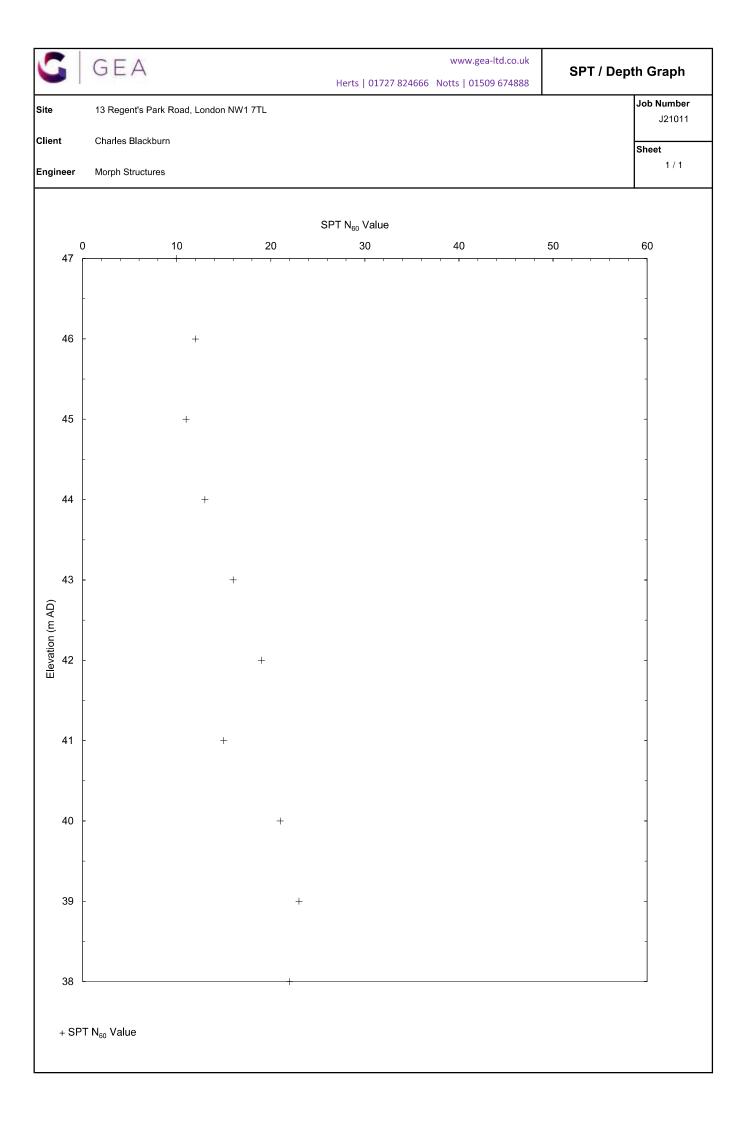
GENERAL	
REMARKS	,

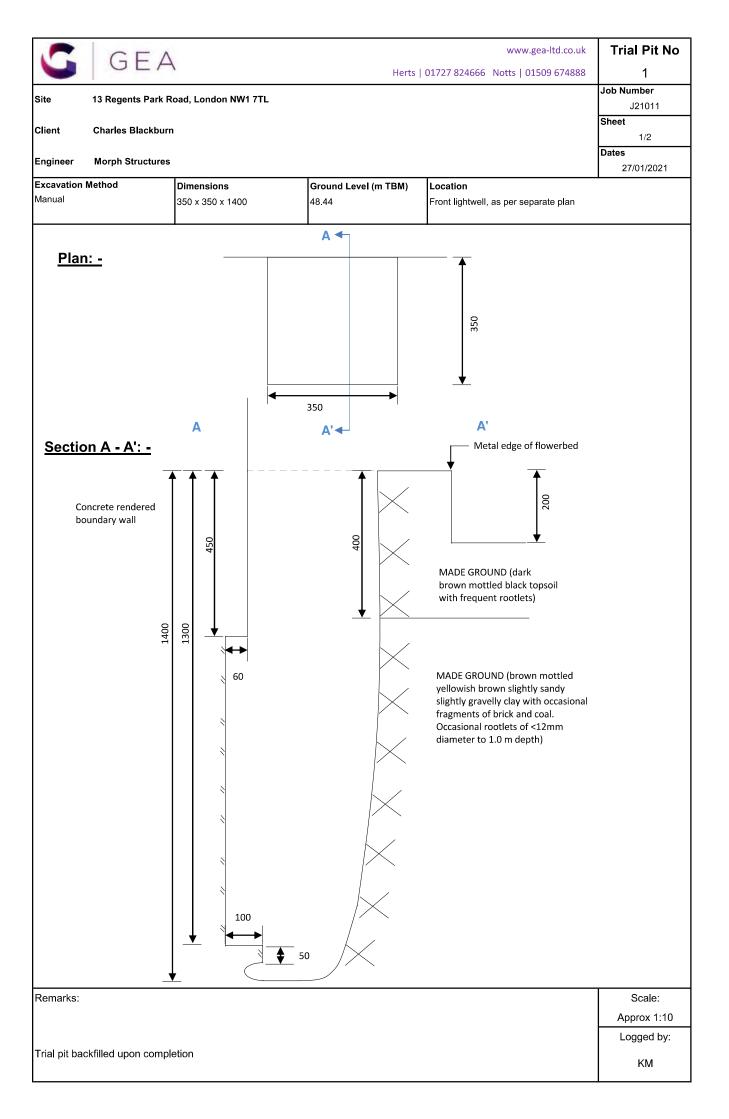


Project				BOREHOLE No
13 Regent's P	ark Road			1
Job No	Date 29-01-21	Ground Level (m TBM)	Co-Ordinates ()	<b>T</b>
J21011	29-01-21	47.98		
Client		Engineer		Sheet
Charles Blackburn		Morph Sti	ructures	2 of 2

Charles plackbu	111				ivioi pii 3	tructures	2 01 2	
SAMPLES & TESTS		_	STRATA					ent
Depth Type No	Test Result	Water	Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION		Instrument
10.00 D	2,3/4,5,5, N60 = 22	,6 2	37.48		10.50	Firm fissured brown mottled grey clay CL Occasional claystone fragments from 1.8 m(continued)	AY. m to 2.0	
10.50 D			36.98		(0.50) 11.00	Stiff fissured greyish brown CLAY with gre	ey veining	
11.00 D								
					- - - -			
Boring Progr	ress and Wate	er Obso	ryation	 	-	CENEDAL		
Depth Date	Time Don't	Casing th   Dia.	warion	/ater epth		GENERAL REMARKS		
	Дер	in Dia.	mm D	ерсп	Groundw from 1.5	ater not encountered. ater monitoring standpipe installed to 4.0	·	
All dimensions in m	netres Method/ Plant Use	/					ogged By	

	Boring Progress and Water Observations				Observat	ions	GENERAL		
777	Depth	Date	Time	Cas Depth	sing   Dia. mm	Water Depth	REMARKS		
CABLE PENCUSSION     Project							Groundwater not encountered. Groundwater monitoring standpipe installed to 4.0 m with response zone from 1.5 m. Groundwater monitored at a depth of 1.01 m (46.97 m AD) on 11/02/2021		







13 Regents Park Road, London NW1 7TL

www.gea-ltd.co.uk

Herts | 01727 824666 Notts | 01509 674888

**Trial Pit No** 

Job Number

J21011 Sheet

2/2

27/01/2021

Dates

Excavation Method

Manual

Engineer

Client

**Morph Structures** 

Charles Blackburn

Dimensions 350 x 350 x 1400 Ground Level (m TBM) 48.44

Location

Front lightwell, as per separate plan





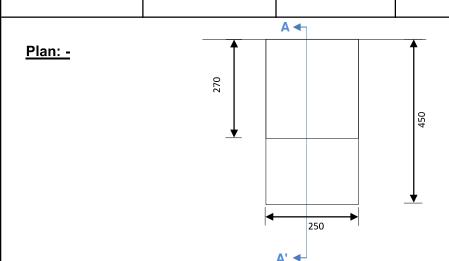
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Logged by:

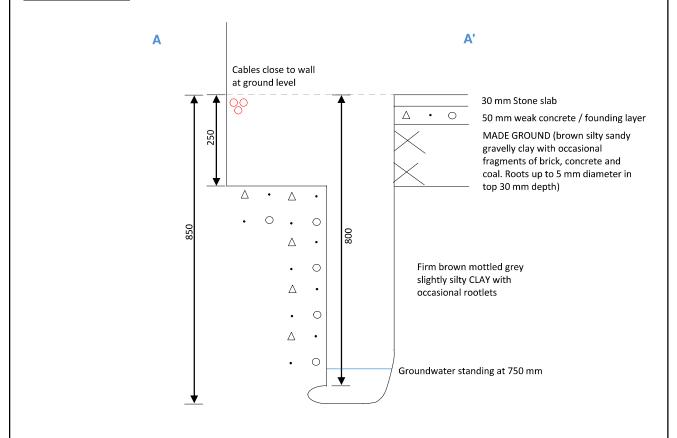
Trial pit backfilled upon completion

ΚM





# Section A - A': -



Remarks:	Scale:	
	Approx 1:10	
	Logged by:	
Trial pit backfilled upon completion	KM	



Herts | 01727 824666 | Notts | 01509 674888

**Trial Pit No** 

2

J21011

27/01/2021

13 Regents Park Road, London NW1 7TL

Client Charles Blackburn Sheet

2/2 Dates

Job Number

Engineer

Manual

**Morph Structures** 

Excavation Method

Dimensions 250 x 450 x 850 Ground Level (m TBM)

Location

Rear garden, as per separate plan





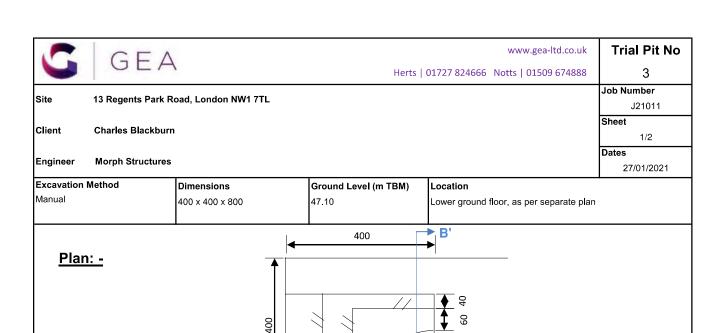
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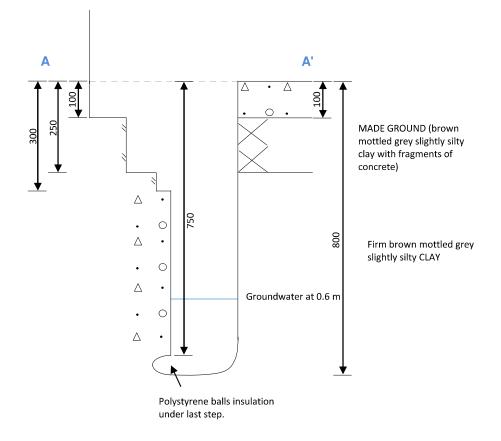
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Logged by:

ΚM



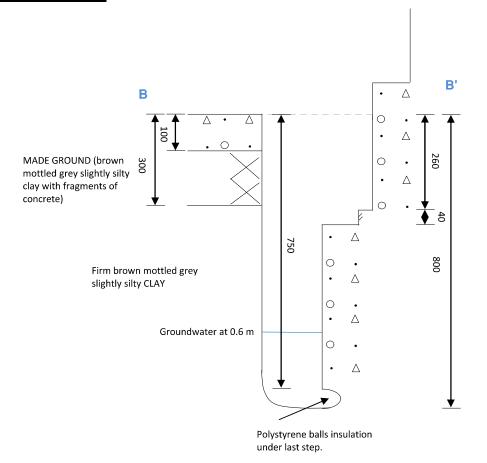
# Section A - A': -



Remarks:	Scale:	
	Approx 1:10	
	Logged by:	
Trial pit backfilled upon completion	KM	

	GEA			www.gea-ltd.co.uk	Trial Pit No
	GEA		Herts	01727 824666 Notts   01509 674888	3
C:4a	42 Domento Douk D	and Landon NIMA 7TI			Job Number
Site	13 Regents Park Ro	oad, London NW1 7TL			J21011
	0				Sheet
Client	Charles Blackburn				2/3
<u>_</u> .					Dates
Engineer	Morph Structures				27/01/2021
Excavation N	/lethod	Dimensions	Ground Level (m TBM)	Location	
Manual		400 x 400 x 800	47.10	Lower ground floor, as per separate plan	

# Section B - B': -



Remarks:	Scale:
	Approx 1:10
	Logged by:
Trial pit backfilled upon completion	КМ



Herts | 01727 824666 Notts | 01509 674888

Trial Pit No

Site 13 Regents Park Road, London NW1 7TL

Job Number J21011

27/01/2021

Client Charles Blackburn

Sheet 3/3

Engineer Morph Structures

Dates

Excavation Method

Manual

Dimensions

Ground Level (m TBM) 47.10 Location

400 x 400 x 800

Lower ground floor, as per separate plan



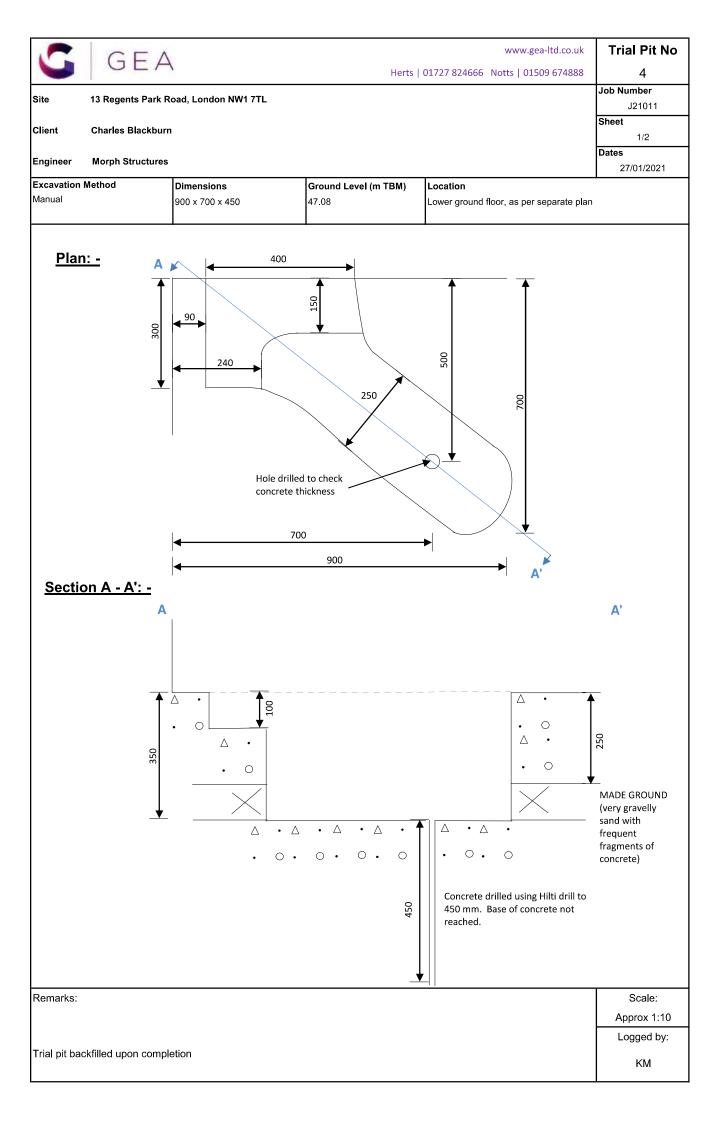


Remarks: Scale:

Approx 1:10

Logged by:

KM





Lower ground floor, as per separate plan

Herts | 01727 824666 Notts | 01509 674888

Location

Trial Pit No

1

Site 13 Regents Park Road, London NW1 7TL

Job Number J21011

Client Charles Blackburn

Sheet 2/2

Engineer Morph Structures

Dates

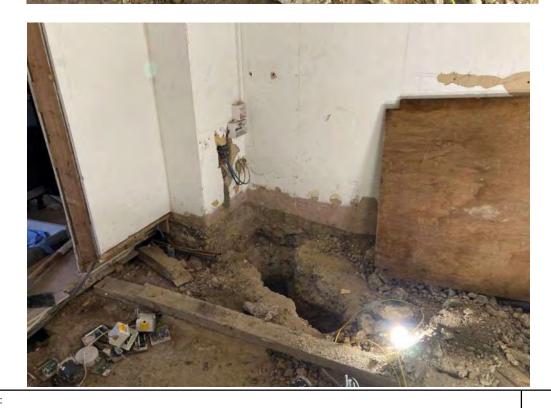
zes 27/01/2021

Excavation Method Manual

Dimensions

Ground Level (m TBM)

900 x 700 x 450 47.08



Remarks:

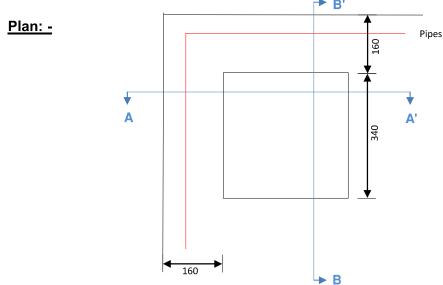
Scale:

Approx 1:10

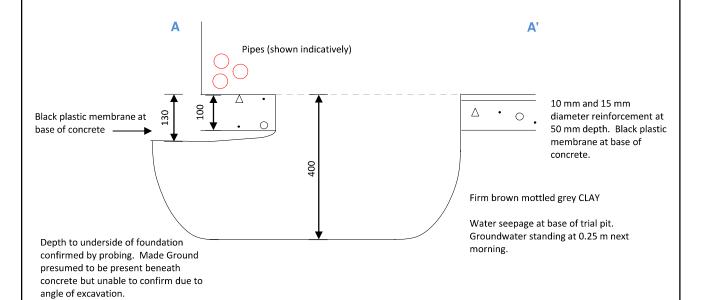
Logged by:

KM





#### Section A - A': -



## Section B - B': - Same as A - A' but 150 mm to underside of foundation

Remarks:	Scale:
	Approx 1:10
	Logged by:
Trial pit backfilled upon completion	KM



Herts | 01727 824666 Notts | 01509 674888

**Trial Pit No** 5

Job Number J21011

Sheet

27/01/2021

2/2

Dates

Client Charles Blackburn

Excavation Method

Manual

Engineer **Morph Structures** 

> Dimensions 500 x 500 x 400

13 Regents Park Road, London NW1 7TL

Ground Level (m TBM)

Location

Lower ground floor, as per separate plan



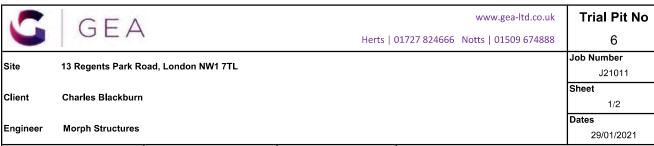


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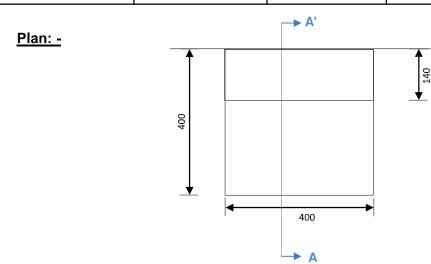
Approx 1:10

Logged by:

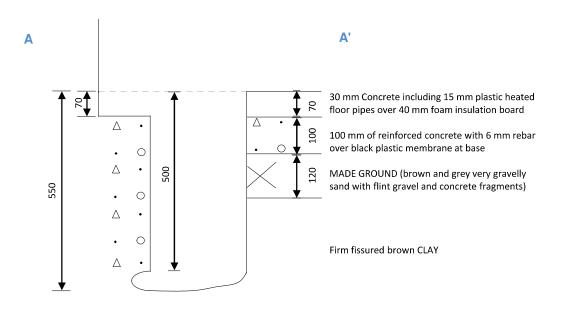
ΚM



Excavation Method	Dimensions	Ground Level (m TBM)	Location
Manual	400 x 400 x 550	47.06	Lower ground floor, as per separate plan



## Section A - A': -



Remarks:	Scale:	
	Approx 1:10	
	Logged by:	
Trial pit backfilled upon completion	KM	



Herts | 01727 824666 Notts | 01509 674888

Trial Pit No

Site 13 Regents Park Road, London NW1 7TL

**Morph Structures** 

Job Number J21011

Client Charles Blackburn

Sheet 2/2

Dates 27/01/2021

Excavation Method

Engineer

Dimensions

Ground Level (m TBM)

Location

Manual

400 x 400 x 550

Lower ground floor, as per separate plan





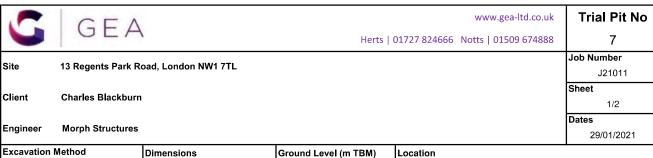
Remarks:

Scale:

Approx 1:10

Logged by:

KM



Excavation Method

Manual

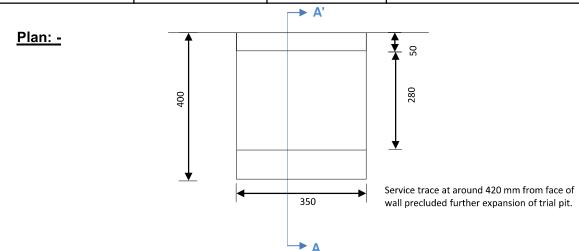
Dimensions

350 x 400 x 600

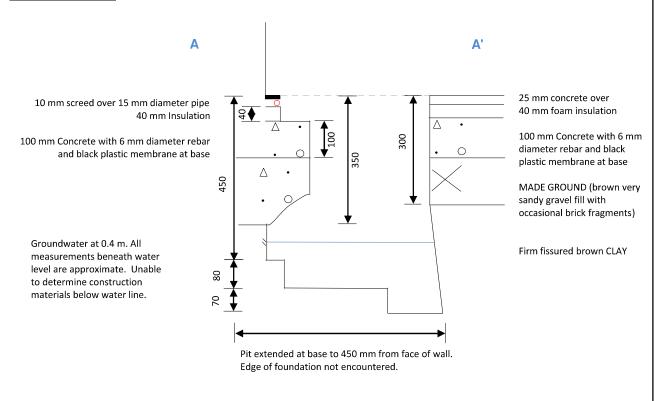
Ground Level (m TBM)

47.06

Lower ground floor, as per separate plan



## Section A - A': -



Remarks:

Scale:
Approx 1:10
Logged by:

Trial pit backfilled upon completion

KM



Charles Blackburn

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**Trial Pit No** 

Herts | 01727 824666 Notts | 01509 674888 7 Job Number

> J21011 Sheet

2/2

27/01/2021

Dates

Client

Engineer

Manual

Excavation Method

Dimensions 350 x 400 x 600

13 Regents Park Road, London NW1 7TL

Ground Level (m TBM) 47.06

Location

Lower ground floor, as per separate plan





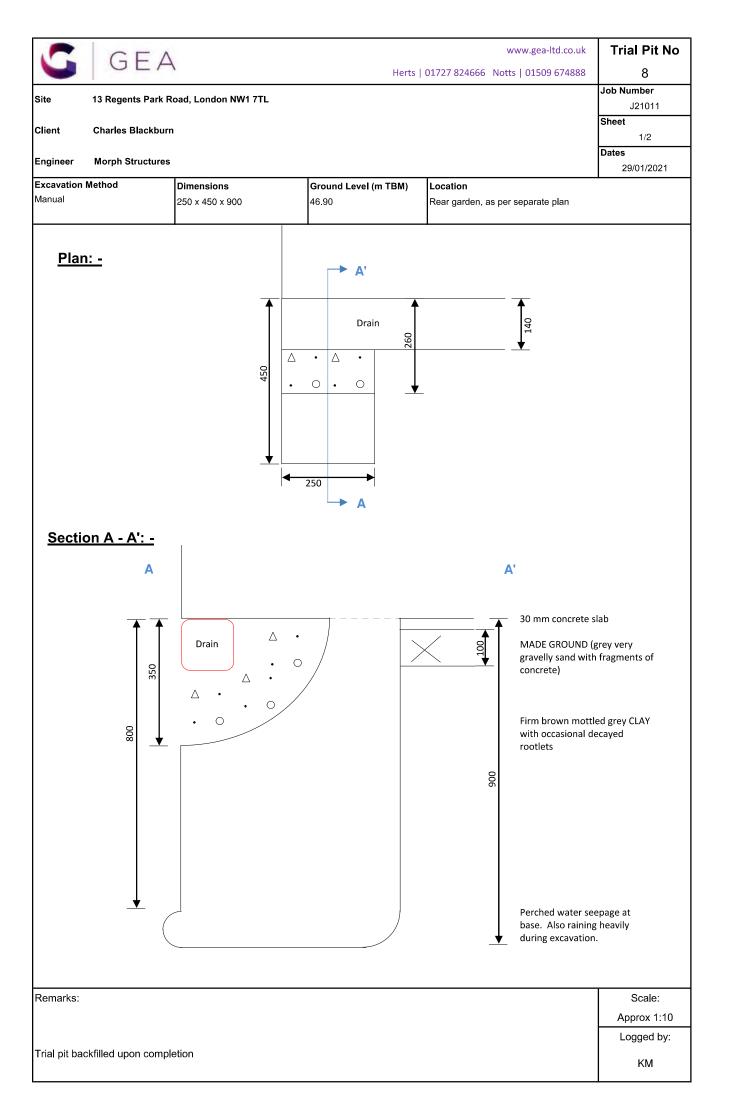
Remarks:

Scale:

Approx 1:10

Logged by:

ΚM



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 Site
 13 Regents Park Road, London NW1 7TL

Job Number J21011

**Trial Pit No** 

8

Sheet

2/2

27/01/2021

Dates

Client Charles Blackburn

Engineer Morph Structures

Manual

Excavation Method Dimensions

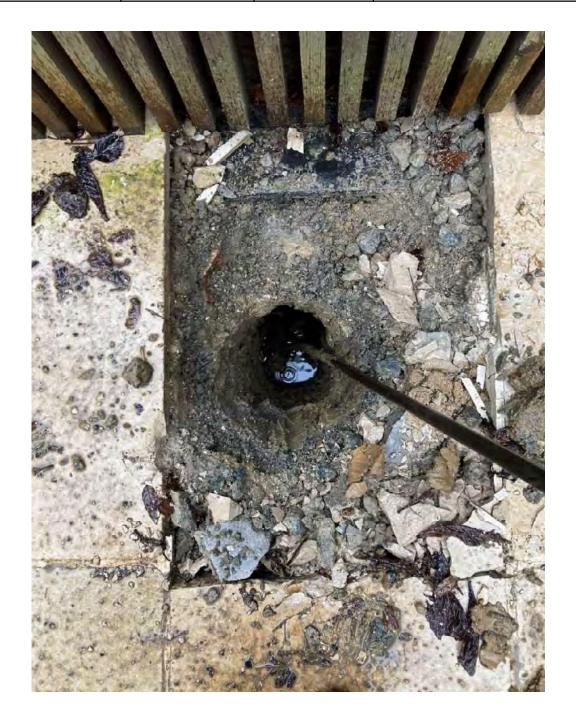
250 x 450 x 900

Ground Level (m TBM)

46.90

Location

Rear garden, as per separate plan



Remarks: Scale: Approx 1:10

Logged by:

Trial pit backfilled upon completion

ΚM

www.gea-ltd.co.uk **Trial Pit No** GEA Herts | 01727 824666 Notts | 01509 674888 9 Job Number Site 13 Regents Park Road, London NW1 7TL J21011 Sheet Client Charles Blackburn 1/2 Dates **Morph Structures** Engineer 29/01/2021

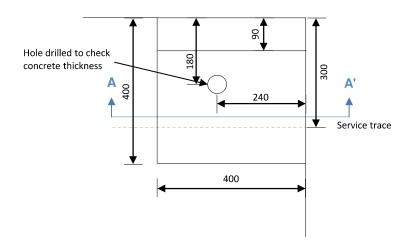
Excavation Method
Manual

Dimensions
400 x 400 x 350

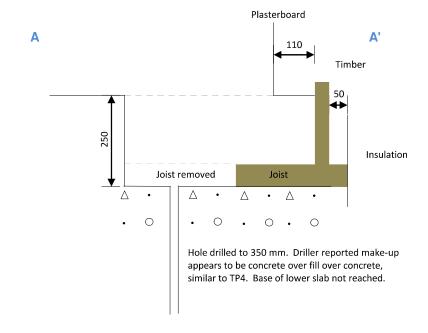
Ground Level (m TBM)
46.91

Location
Rear extension, as per separate plan

## Plan: -



## Section A - A': -



Remarks:	Scale:	
	Approx 1:10	
	Logged by:	
Trial pit backfilled upon completion	KM	



Charles Blackburn

**Morph Structures** 

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Herts | 01727 824666 Notts | 01509 674888

**Trial Pit No** 

8

Job Number J21011

Sheet

2/2

27/01/2021

Dates

Excavation Method

Manual

Engineer

Client

Dimensions

13 Regents Park Road, London NW1 7TL

250 x 450 x 900

Ground Level (m TBM) 46.91

Location

Rear extension, as per separate plan





Remarks:

Scale:

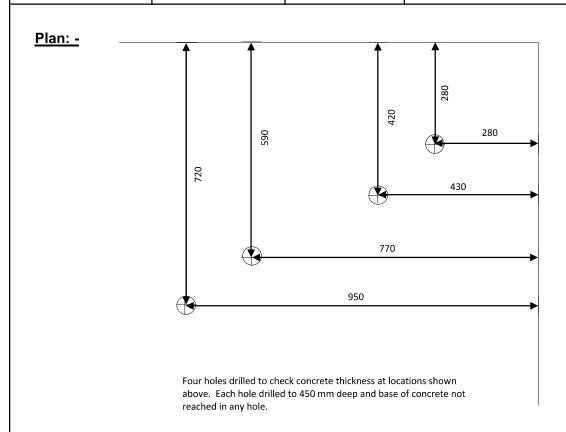
Approx 1:10

Logged by:

ΚM

GEA www.gea-ltd.co.uk **Trial Pit No** Herts | 01727 824666 Notts | 01509 674888 10 Job Number 13 Regents Park Road, London NW1 7TL J21011 Sheet Client Charles Blackburn 1/1 Dates Engineer **Morph Structures** 29/01/2021

Excavation Method	Dimensions	Ground Level (m TBM)	Location	
Manual		46.10	Lower ground floor, as per separate plan	



Remarks:	Scale:
	Approx 1:10
	Logged by:
Drill holes backfilled upon completion	KM

## **SUMMARY OF GEOTECHNICAL TESTING**

Sample details		Classification Tests					Density Tests		U	Undrained Triaxial Compression				emical Te	ests				
Location	Depth (m)	Sample Ref	Туре	Description	wc	LL %	PL %	PI %	<425 µm %	Bu <b>l</b> k Mg/m³	Dry Mg/m³	Condition	Cell Pressure kPa	Deviator Stress kPa	Shear Stress kPa	рН	2:1 W/S SO4 g/L	W/S Mg mg/L	Other tests and comments
					70	70	70	70	70	IVIG/ITI*	IVIG/III*		KFa	кга	кга		g/L	mg/L	
BH1	1.50		D	Greyish brown CLAY.	33.5	82	27	55	100										
BH1	2.00		D	Greyish brown sandy CLAY. Sand is fine to medium.	31.6														
BH1	2.50		D	Greyish brown CLAY with rare gravel, rootlets and gypsum.	29.4	71	27	44	97										
BH1	3.00		D	Greyish brown CLAY with rare gravel and gypsum.	33.5											8.5	0.86		
BH1	3.50		D	Greyish brown CLAY with rare gypsum.	30.4														
BH1	4.00		D	Greyish brown CLAY with pockets of grey clay and fine sand.	31.7	71	28	43	99										
BH1	4.50		D	Greyish brown CLAY with pockets of organic material and rootlets.	33.5														
BH1	5.00		D	Greyish brown sandy silty CLAY with rare gypsum. Sand is fine.	30.9														
BH1	10.50		D													8.4	1.9		

Sample type: B (Bulk disturb.) BLK (Block) C (Core) D (Disturbed) LB (Large Bulk dist.) U (Undisturbed)

Checked and Approved by

J Sturges - Operations Manager 23/02/2021

Project Number:

GEO / 32568

Project Name:

13 REGENT'S PARK ROAD, LONDON NW1 7TL J21011 **GEOLABS**