












ALBURY S. I. Ltd Petworth Road Witley Surrey GU8 5LH 				Trialpit 3a	
Contract Charlotte Street, London W1				Report No 14/10260/CVS	
Client UCL				Date 8/9/2014	
Site Address Charlotte Street, St Pancras, London W1T 4QB				Ground Level mOD	
Type of Excavator Manual		Water level after completion, m none			
Water Strikes, m 1 none 2		Pit Dimensions, m Length 0.40 Breadth 0.40		Ease of Excavation, m Very easy Moderate GL-0.80 Difficult Very hard 0.80+	
Remarks					
Sample Type	Depth, m	Shear Strength kPa	Scale 40mm: 1m Depth Legend		Description
D	0.25		0.25		Made ground (paving slab over sand)
D	0.50				Made ground (dark brown silty sand with brick and gravel fragments and roots)
			0.80		Obstruction

Sample Code: U – Intact 100 to 50mm Ø B - Large Disturbed D - Small Disturbed W - Water

ALBURY S. I. Ltd Petworth Road Witley Surrey GU8 5LH 				Trialpit 4	
Contract Charlotte Street, London W1				Report No 14/10260/CVS	
Client UCL				Date 8/9/2014	
Site Address Charlotte Street, St Pancras, London W1T 4QB				Ground Level mOD	
Type of Excavator Window Sampler		Water level after completion, m		none	
Water Strikes, m 1 none 2		Pit Dimensions, m Length 0.40 Breadth 0.40		Ease of Excavation, m Very easy Moderate GL-1.80 Difficult Very hard 1.80+	
Remarks					
Sample Type	Depth, m	Shear Strength kPa	Scale 40mm: 1m Depth	Legend	Description
D	0.25		0.20		Made ground (paving slab over concrete)
D	0.50		0.40		Made ground (dark brown silty sand with brick and gravel fragments)
					Made ground (dark brown peaty silty sand with brick particles)
D	1.00		0.90		Made ground (brown silty sand with brick and gravel fragments)
D	1.50		1.40		Made ground (brown silty sand with occasional brick particles)
			1.80		Obstruction

E2 Chemical Data



Scientific Analysis Laboratories Ltd

Certificate of Analysis

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Scientific Analysis Laboratories is a
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Wales (No 2514788) whose address is at
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Report Number: 421953-1

Date of Report: 24-Sep-2014

Customer: Albury S.I. Ltd
Miltons Yard
Petworth Road
Witley
Godalming
Surrey
GU8 5LH

Customer Contact: Mr Nick McKeon

Customer Job Reference: 14/10260/KJC
Customer Purchase Order: 10827
Customer Site Reference: Charlotte St, W1
Date Job Received at SAL: 12-Sep-2014
Date Analysis Started: 15-Sep-2014
Date Analysis Completed: 24-Sep-2014

The results reported relate to samples received in the laboratory
Opinions and interpretations expressed herein are outside the scope of UKAS accreditation
This report should not be reproduced except in full without the written approval of the laboratory
Tests covered by this certificate were conducted in accordance with SAL SOPs
All results have been reviewed in accordance with QP22



Report checked
and authorised by :
Miss Claire Brown
Customer Service Manager

Issued by :
Miss Claire Brown
Customer Service Manager

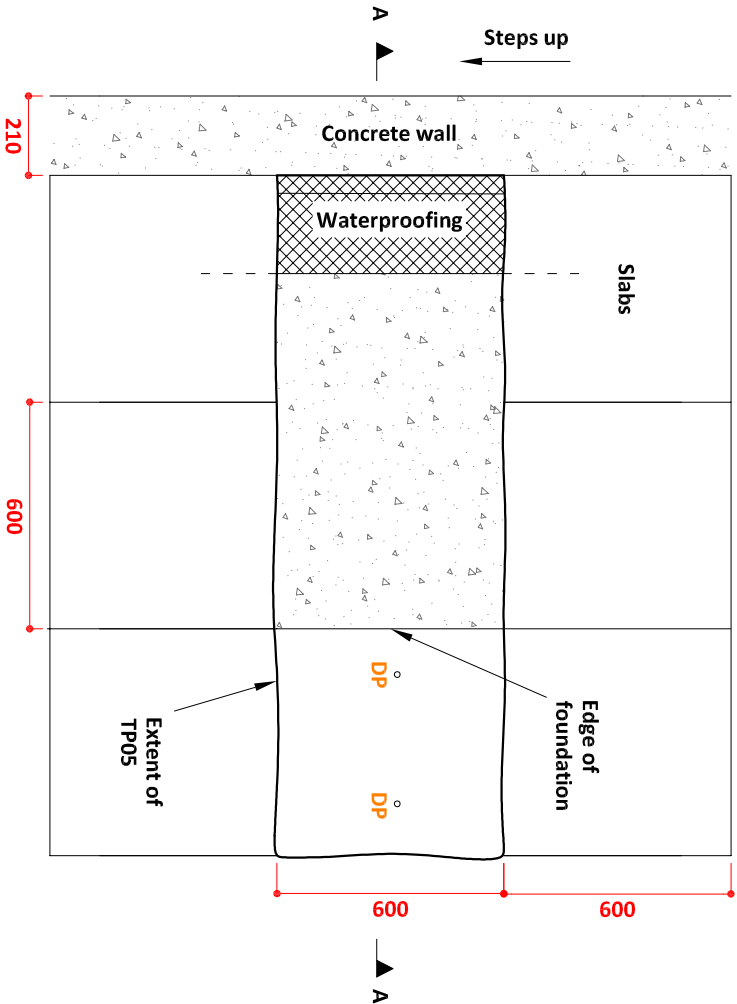
Determinand	Method	Test Sample	LOD	Units	Symbol	SAL References
Arsenic	T257	A40	2.0	mg/kg	U	001-002
Beryllium	T245	A40	0.5	mg/kg	U	001-002
Boron (water-soluble)	T82	A40	1	mg/kg	N	001-002
Cadmium	T257	A40	0.1	mg/kg	U	001-002
Chromium	T257	A40	0.5	mg/kg	U	001-002
Copper	T257	A40	2	mg/kg	U	001-002
Lead	T257	A40	2	mg/kg	U	001-002
Mercury	T245	A40	1.0	mg/kg	U	001-002
Nickel	T257	A40	0.5	mg/kg	U	001-002
Selenium	T257	A40	3	mg/kg	U	001-002
Vanadium	T257	A40	0.1	mg/kg	U	001-002
Zinc	T257	A40	2	mg/kg	U	001-002
Asbestos ID	T27	A40			SU	001-002
Chromium (trivalent)	T85	A40	2	mg/kg	N	001-002
Chromium VI	T82	A40	1	mg/kg	N	001-002
pH	T7	A40			U	001-002
(Water Soluble) SO4 expressed as SO4	T242	A40	0.01	g/l	U	001-002
SO4(Total)	T102	A40	0.02	%	U	001-002
Sulphide	T4	A40	10	mg/kg	N	001-002
Sulphur (total)	T6	A40	0.01	%	U	001-002
Total Organic Carbon	T21	A40	0.1	%	WN	001-002
Cyanide(Total)	T4	AR	1	mg/kg	U	001-002
Phenols(Mono)	T221	AR	0.5	mg/kg	U	001-002
Moisture @ 105 C	T162	AR	0.1	%	N	001-002
Retained on 2mm	T2	AR	0.1	%	N	001-002
Naphthalene	T16	AR	0.1	mg/kg	U	001-002
Acenaphthylene	T16	AR	0.1	mg/kg	U	001-002
Acenaphthene	T16	AR	0.1	mg/kg	U	001-002
Fluorene	T16	AR	0.1	mg/kg	U	001-002
Phenanthrene	T16	AR	0.1	mg/kg	U	001-002
Anthracene	T16	AR	0.1	mg/kg	U	001-002
Fluoranthene	T16	AR	0.1	mg/kg	N	001-002
Pyrene	T16	AR	0.1	mg/kg	N	001-002
Benzo(a)Anthracene	T16	AR	0.1	mg/kg	U	001-002
Chrysene	T16	AR	0.1	mg/kg	U	001-002
Benzo(b/k)Fluoranthene	T16	AR	0.1	mg/kg	U	001-002
Benzo(a)Pyrene	T16	AR	0.1	mg/kg	U	001-002
Indeno(123-cd)Pyrene	T16	AR	0.1	mg/kg	U	001-002
Dibenzo(ah)Anthracene	T16	AR	0.1	mg/kg	U	001-002
Benzo(ghi)Perylene	T16	AR	0.1	mg/kg	U	001-002
PAH(total)	T16	AR	0.1	mg/kg	U	001-002

Appendix F

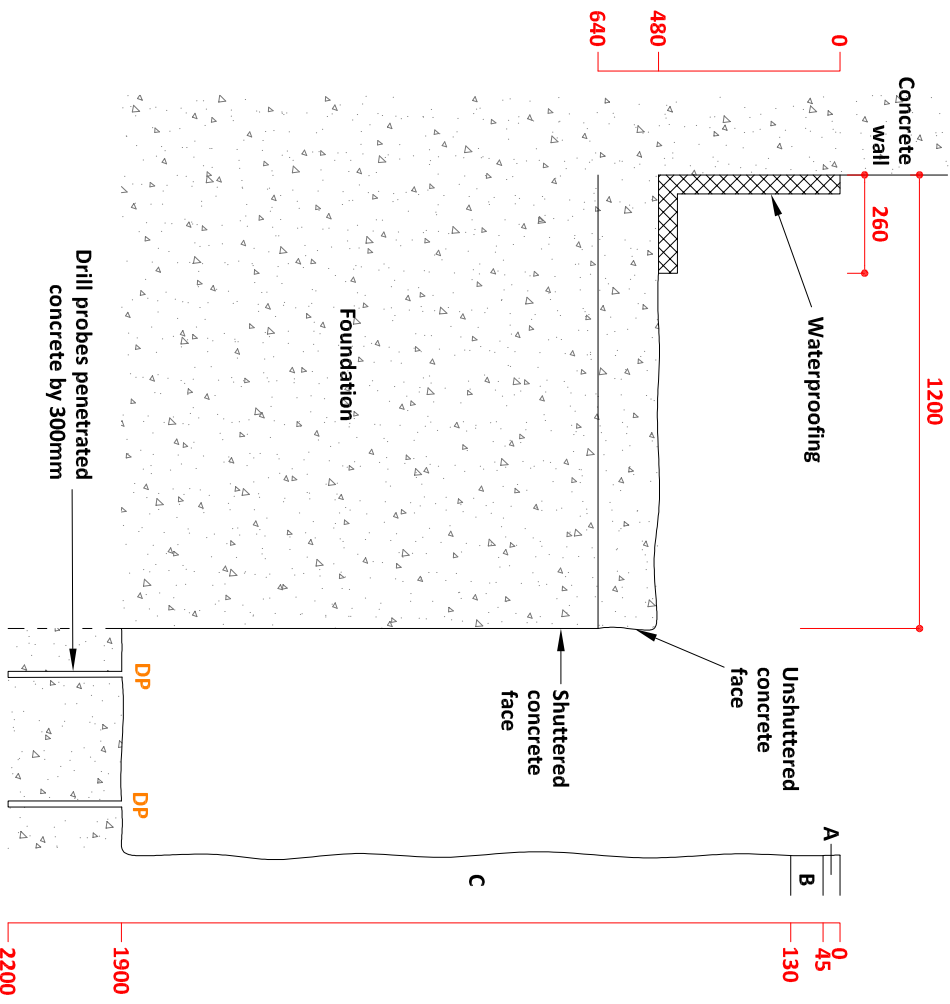
Soiltechnics Ground Investigation

F1 Logs

Plan



Section A-A



Photographic record



Key

- A. CONCRETE paving slab. (MADE GROUND)
- B. Loose orange brown SAND. (MADE GROUND)
- C. Loose brown SAND and GRAVEL with occasional cobbles of concrete up to 500x200x200mm in size. Gravel consists of concrete and brick. (MADE GROUND)



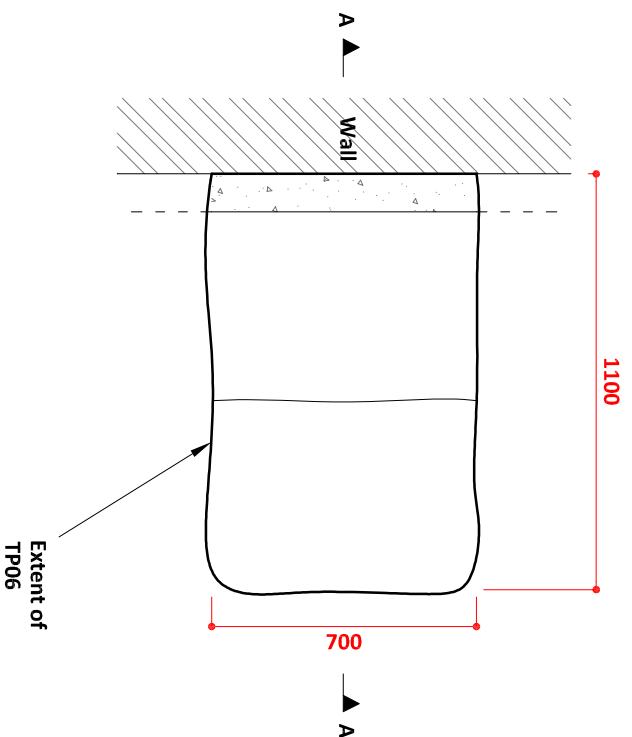
Notes

1. All dimensions shown in millimetres
2. Disturbed and environmental samples taken from 0.5m, 1.0m and 1.7m depths
3. Unable to excavate further due to competent concrete.

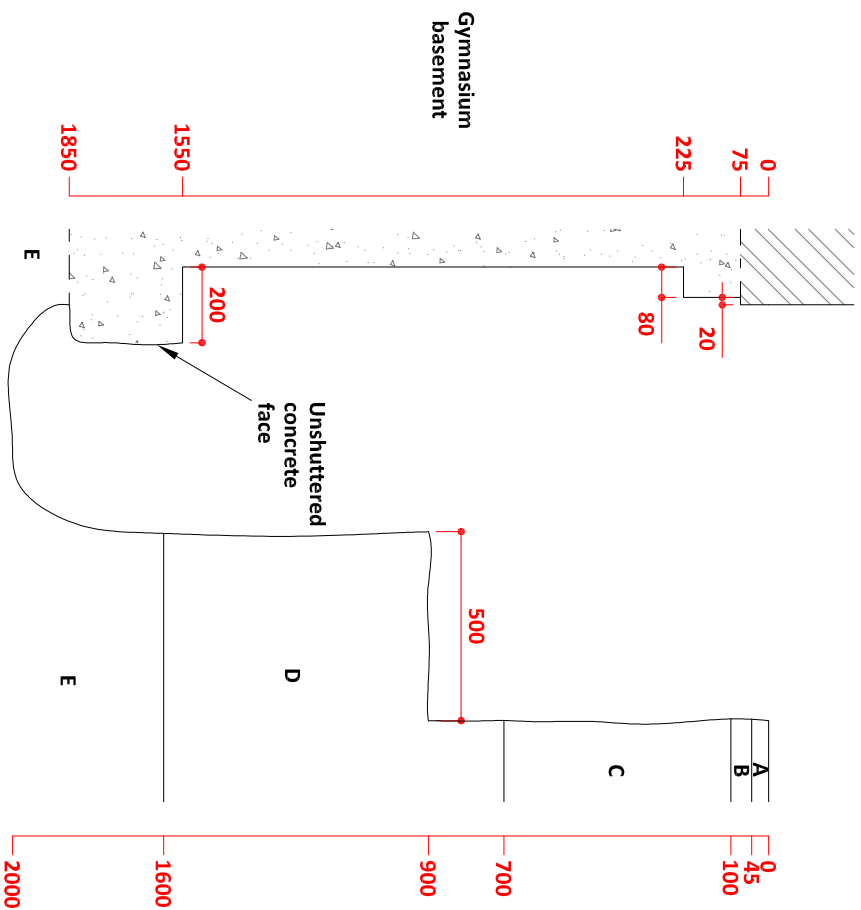
Method of excavation	Title	Location reference
Hand tools	Trial pit record	TP05
Dimensions	Date of works	Location plan on drawing number
As shown	13.07.2016	01
Groundwater observations	Scale	Appendix
No groundwater encountered	1:20 at A3	C



Plan



Section A-A



Photographic record



Key

- A. CONCRETE paving slab.
(MADE GROUND)
- B. Orange brown SAND.
(MADE GROUND)
- C. Loose brown to dark brown silty gravelly SAND. Gravel consists of brick and concrete.
(MADE GROUND)
- D. Loose orange brown mottled dark brown clayey sandy GRAVEL. Gravel consists of concrete, brick and ash.
(MADE GROUND)
- E. Loose to medium dense orange brown slightly clayey silty gravelly SAND. Gravel consists of brick.
(MADE GROUND)

— Observed features
- - - Assumed features

- Assumed features

Denotes concrete

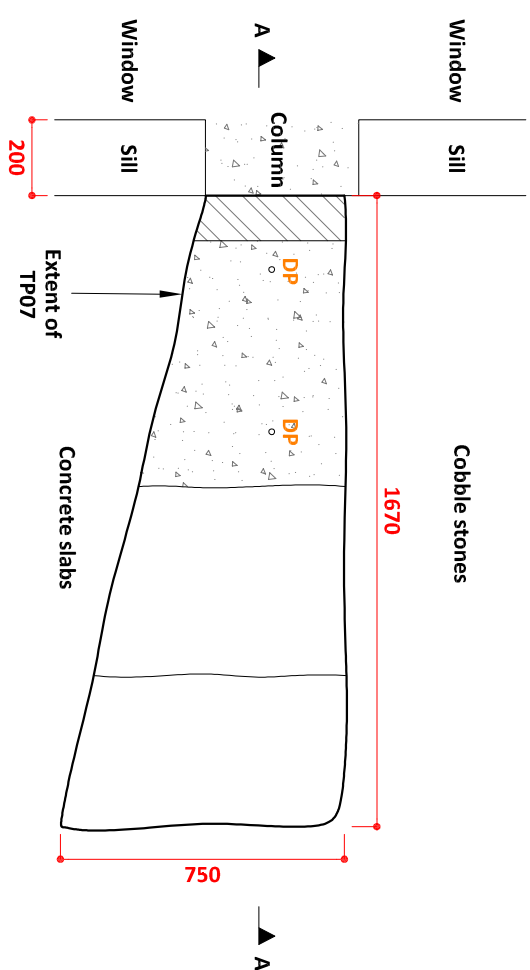
Notes

1. All dimensions shown in millimetres
2. Disturbed samples taken from 0.5m, 1.1m and 1.8m depths

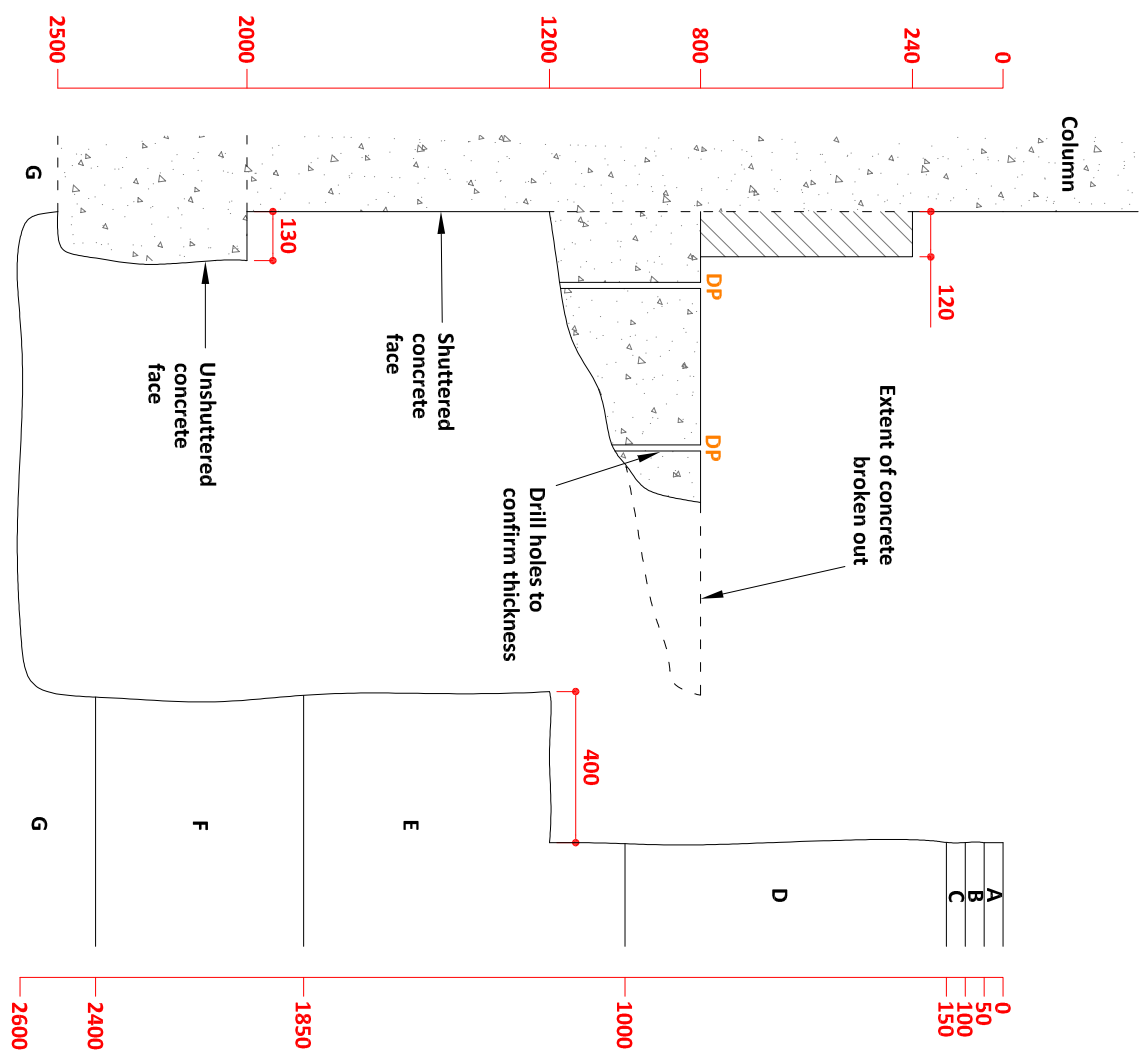
Method of excavation	Title	Location reference
Hand tools	Trial pit record	TP06
Dimensions	Date of works	Location plan on drawing number
As shown	14.07.2016	01
Groundwater observations	Scale	Appendix
No groundwater encountered	1:20 at A3	C



Plan



Section A-A



Photographic record



Key

- A. CONCRETE paving slab. (MADE GROUND)
- B. Orange brown SAND. (MADE GROUND)
- C. Grey unreinforced CONCRETE. (MADE GROUND)
- D. Loose brown slightly clayey sandy GRAVEL. Gravel consists of flint, concrete and brick. (MADE GROUND)
- E. Loose orange brown slightly clayey SAND and GRAVEL. Gravel consists of flint and occasional brick. (MADE GROUND)
- F. Medium dense orange brown SAND and GRAVEL with some cobbles of brick. Gravel consists of flint. (MADE GROUND)

G. Medium dense light brown slightly clayey silty gravelly SAND. Gravel consists of flint. (LYNCH HILL GRAVEL MEMBER)

— Observed features
- - - Assumed features

Denotes concrete Denotes masonry DP Denotes 12mm diameter drill probes

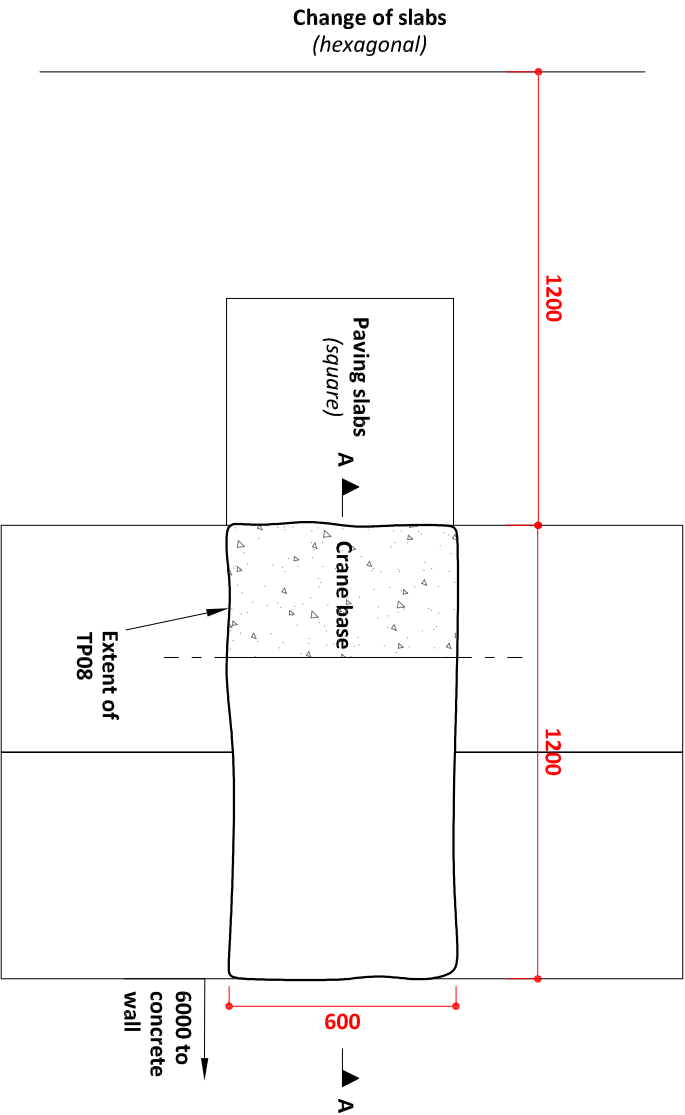
Notes

1. All dimensions shown in millimetres
2. Disturbed and environmental samples taken from 0.4m, 0.9m and 1.3m depths
3. Disturbed samples taken from 2.0m and 2.5m depths

Method of excavation		Title	
Hand tools	Dimensions As shown	Trial pit record	Location reference TP07
Groundwater observations		Date of works 13-14.07.2016	Location plan on drawing number 01
No groundwater encountered		Scale	Appendix C
		1:20 at A3	



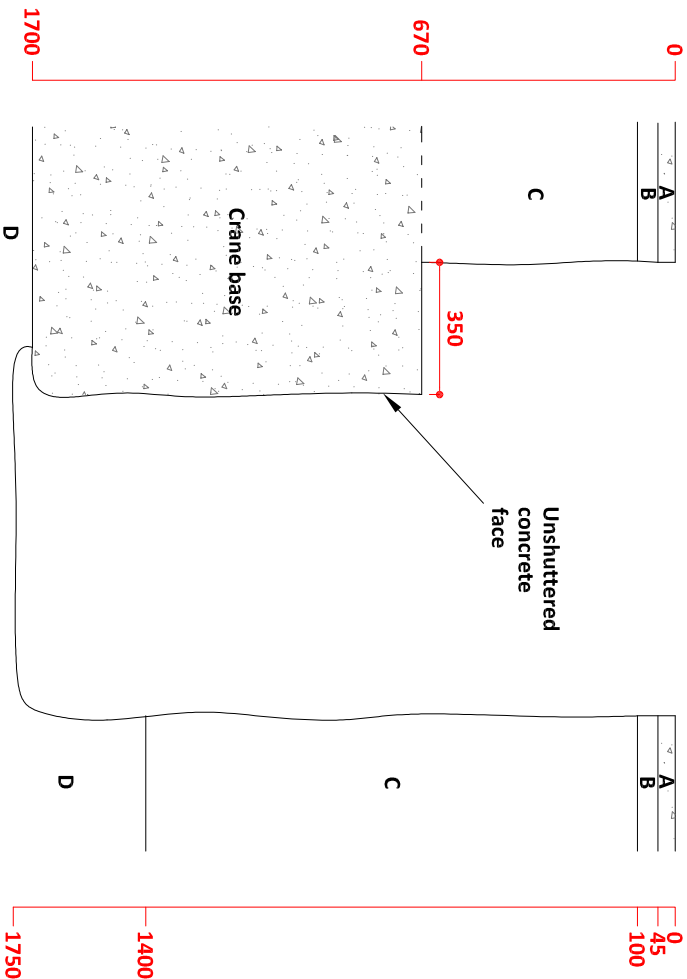
Plan



Photographic record



Section A-A



Key

- A. CONCRETE paving slab. (MADE GROUND)
- B. Orange brown SAND. (MADE GROUND)
- C. Loose brown slightly clayey sandy silty GRAVEL. Gravel consists of concrete, brick, plastic and glass. (MADE GROUND)
- D. Loose to medium dense dark brown silty SAND and GRAVEL. Gravel consists of brick fragments, concrete and ash. (MADE GROUND)



Denotes
concrete

- Observed features
- - - Assumed features

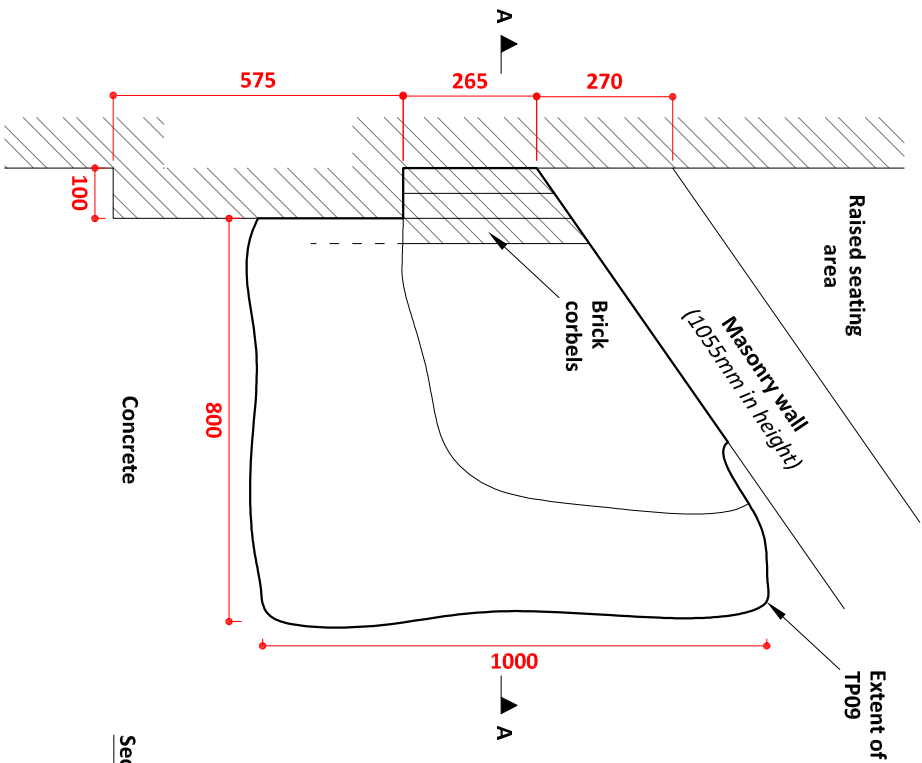
Notes

1. All dimensions shown in millimetres
2. Disturbed and environmental samples taken from 0.4m, 0.9m and 1.5m depths

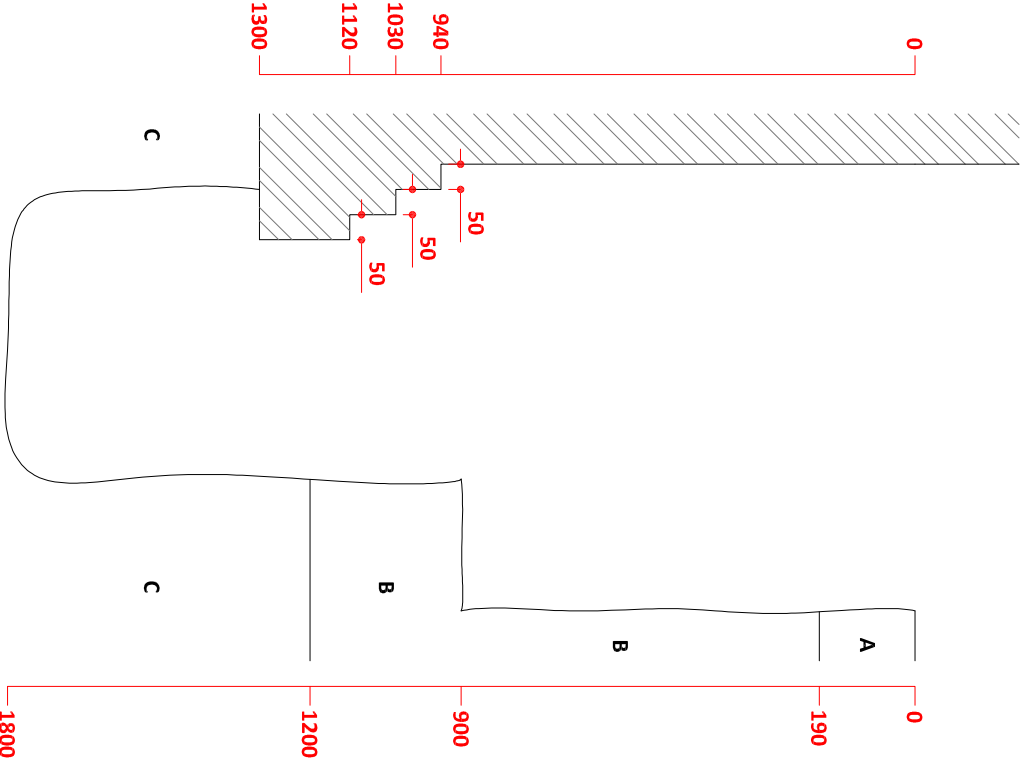
Method of excavation		Title	
Hand tools		Trial pit record	TP08
Dimensions	As shown	Date of works	13.07.2016
Groundwater observations	No groundwater encountered	Scale	1:20 at A3
		Location reference	TP08
		Location plan on drawing number	01
		Appendix	C



Plan



Section A-A



Photographic record



Key

- A. Grey unierforced CONCRETE with aggregated comprising of flint up to 15mm in size. (MADE GROUND)
- B. Loose orange brown to brown slightly clayey silty gravelly SAND. Gravel consists of brick and concrete. (MADE GROUND)
- C. Loose brown slightly clayey slightly gravelly silty SAND. Gravel consists of flint and brick fragments. (MADE GROUND)

Observed features
Assumed features

Denotes
brickwork

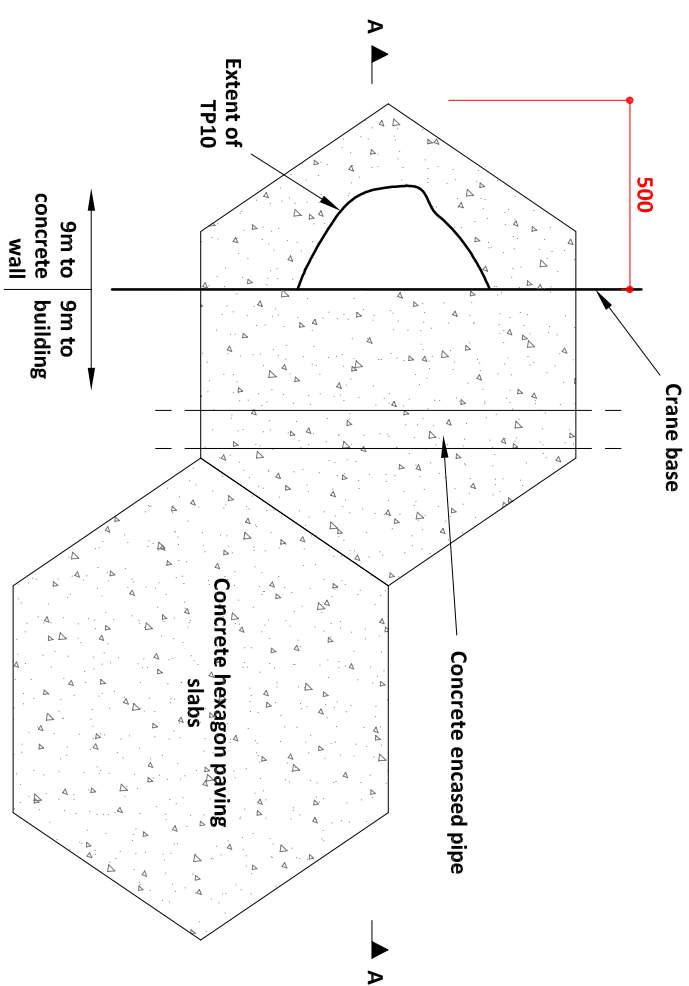
Notes

- All dimensions shown in millimetres
- Disturbed and environmental samples taken from 0.4m, 0.9m and 1.6m depths

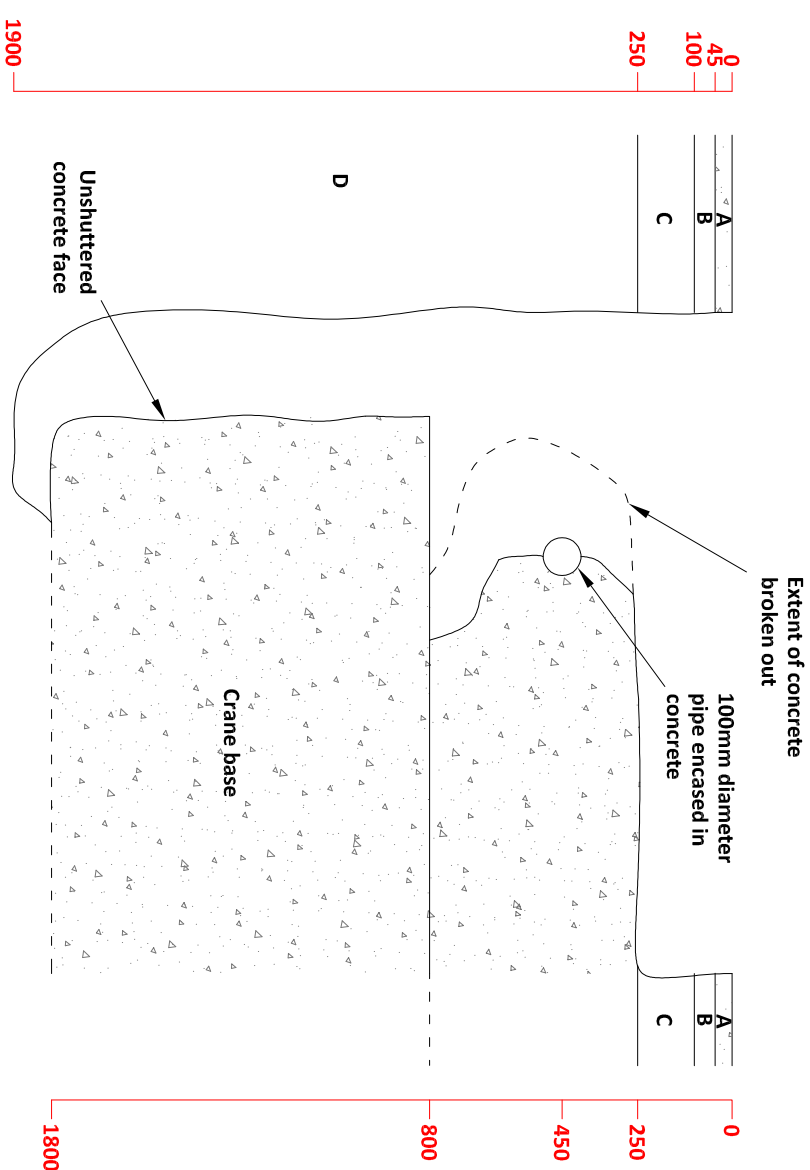
Method of excavation	Title	Location reference
Hand tools	Trial pit record	TP09
Dimensions	Date of works	Location plan on drawing number
As shown	13.07.2016	01
Groundwater observations	Scale	Appendix
No groundwater encountered	1:15 at A3	C



Plan



Section A-A



Photographic record



Key

- A. CONCRETE paving slab. (MADE GROUND)
- B. Orange brown SAND. (MADE GROUND)
- C. Grey unreinforced CONCRETE. (MADE GROUND)
- D. Loose to medium dense brown slightly clayey SAND and GRAVEL. Gravel consists of concrete, flint and brick. (MADE GROUND)

— Observed features
- - - Assumed features

Denotes
concrete

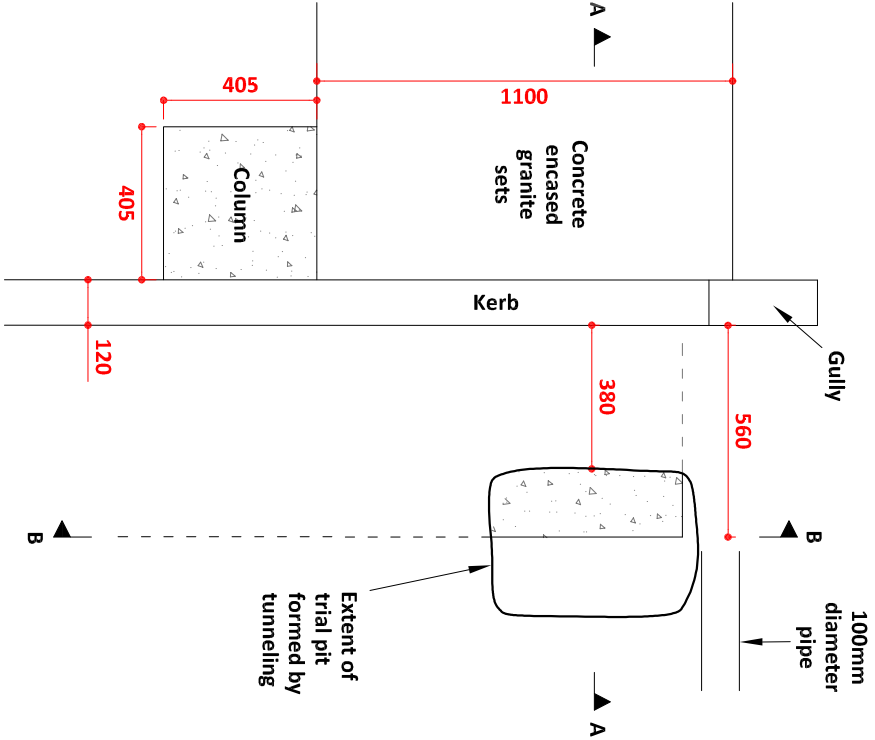
Notes

1. All dimensions shown in millimetres
2. Disturbed samples taken from 0.5m, 1.2m and 1.7m depths

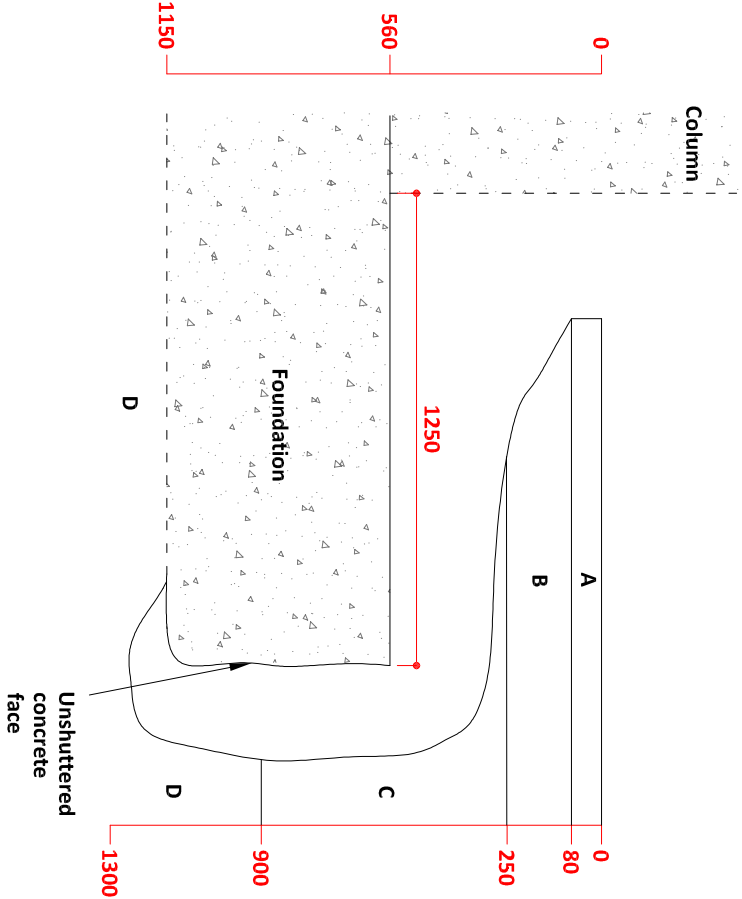
Method of excavation	Title	Location reference
Hand tools	Trial pit record	TP10
Dimensions	Date of works	Location plan on drawing number
As shown	13.07.2016	01
Groundwater observations	Scale	Appendix
No groundwater encountered	1:20 at A3	C



Plan



Section B-B



Key

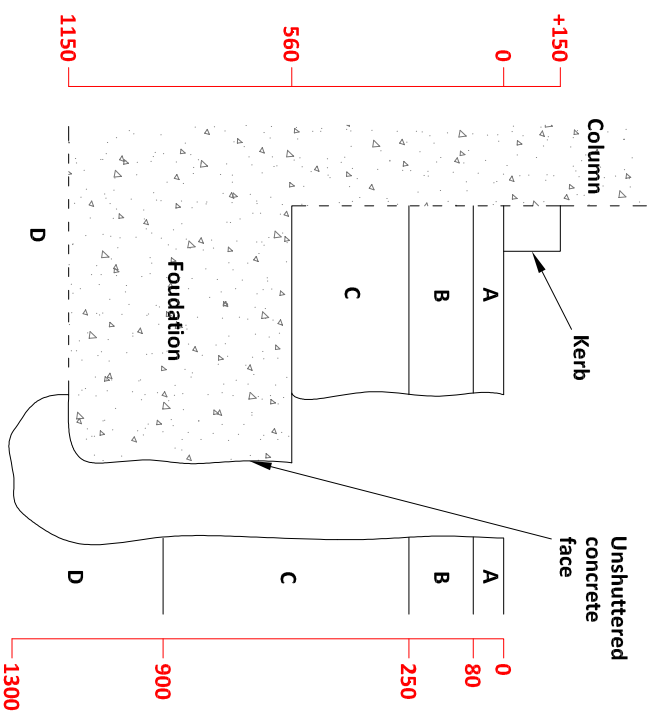
- A. BITUMINOUS BOUND MATERIAL. (MADE GROUND)
- B. Grey unreinforced CONCRETE. (MADE GROUND)
- C. Loose brown slightly clayey gravelly SAND. Gravel consists of concrete. (MADE GROUND)
- D. Loose orange brown slightly clayey SAND and GRAVEL. Gravel consists of flint and brick. (MADE GROUND)

- Observed features
- Assumed features
- Denotes concrete

Notes

1. All dimensions shown in millimetres
2. Disturbed samples taken from 0.5m and 1.0m depths

Section A-A



Photographic record



Method of excavation	Title	Location reference
Hand tools	Trial pit record	TP11
Dimensions	Date of works	Location plan on drawing number
As shown	15.07.2016	01
Groundwater observations	Scale	Appendix
No groundwater encountered	1:20 at A3	C