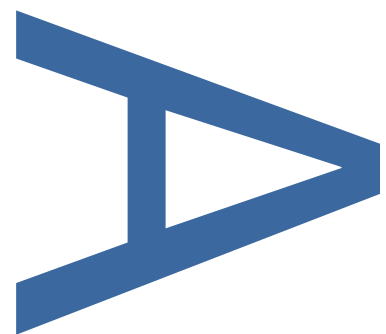
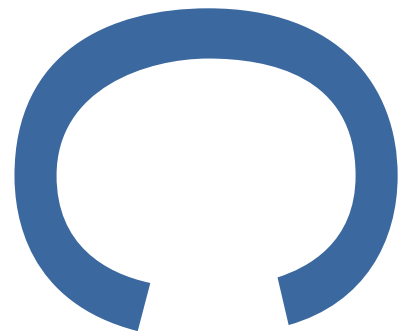


**KING STREET REGENERATION
PROJECT:
HAMMERSMITH TOWN HALL,
LONDON,
W6 9JU**

**AN ARCHAEOLOGICAL
WATCHING BRIEF ON
GEOTECHNICAL SITE
INVESTIGATION**

SITE CODE: HSM19

**JUNE 2019
REVISED JULY 2019**



PRE-CONSTRUCT ARCHAEOLOGY


DOCUMENT VERIFICATION

**KING STREET REGENERATION PROJECT: HAMMERSMITH TOWN
HALL, LONDON, W6 9JU**

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**KING STREET REGENERATION PROJECT: HAMMERSMITH TOWN HALL,
LONDON, W6 9JU**

**AN ARCHAEOLOGICAL WATCHING BRIEF ON GEOTECHNICAL SITE
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LOCAL PLANNING AUTHORITY: LONDON BOROUGH OF HAMMERSMITH & FULHAM

PLANNING REFERENCE: 2018/01500/FUL

CENTRAL NGR: TQ 22691 78459

WRITTEN BY: JAMES HEATHCOTE, PCA

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1 ABSTRACT

- 1.1 This report details the results of an archaeological watching brief undertaken by Pre-Construct Archaeology Limited (PCA) under the overall management of Archaeology Collective during geotechnical site investigation at the site of Hammersmith Town Hall, King Street, London, W6 9JU. The area of the investigation was located within the unoccupied part of the site and is centred at National Grid Reference TQ 22691 78459.
- 1.2 The archaeological investigation was conducted between 10th and 22nd May 2019 and comprised the inspection and recording of 7 geotechnical boreholes and 2 test pits.
- 1.3 Natural deposits were observed across the site and consisted of London clay, present between -2.20m and -1.60m below OD, and river terrace gravels, recorded at between 1.3m AOD and 3.42m AOD. Recorded levels confirmed the expected natural topography of the area with the land sloping down towards the south and the River Thames.
- 1.4 A layer of deeply deposited silt found in the south-eastern part of the site was identified as a natural silt of the later backfilled Hammersmith Creek that crossed the site from north to south.
- 1.5 Natural geology was overlain by modern made ground deposits and the remains of the 20th century development on the site.

2 INTRODUCTION

- 2.1 This report details the results of an archaeological watching brief during geotechnical site investigation, undertaken by Pre-Construct Archaeology Limited (PCA) under the overall management of Archaeology Collective at the site of Hammersmith Town Hall, King Street, London, W6 9JU (Figure 1). The site comprises the Hammersmith & Fulham Council buildings and an unoccupied plot of land and is centred at National Grid Reference TQ 22691 78459.
- 2.2 An Archaeological Desk-Based Assessment was prepared for the site (Archaeology Collective 2018). The site lies within the 'King Street' and the 'Hammersmith Creek, Queen Caroline Street and Broadway' Archaeological Priority Areas as designated by LB Hammersmith & Fulham. It has potential for archaeological remains dating to Roman period and associated with the Roman road along the course of King Street, as well as for the remains of any period prior to the 17th century along the course of former Hammersmith Creek.
- 2.3 A Written Scheme of Investigation (WSI) was prepared for the project (PCA 2019), which defined a pro-active programme of observation and recording during the geotechnical site investigation works. This report on the results of the watching brief is to further inform the archaeological evaluation strategy and to go towards discharging the draft Condition 10 of the prospective planning consent (LB Hammersmith & Fulham Planning Ref. 2018/01500/FUL).
- 2.4 The investigation was conducted by Pre-Construct Archaeology Limited between 10th and 22nd May 2019 under the supervision of Terry Newman and Jim Heathcote, and the project management of Zbigniew Pozorski. The archaeological work was commissioned by Archaeology Collective on behalf of the overall client.
- 2.5 The site was allocated the unique site code HSM19. The complete archive comprising written, drawn, and photographic records and artefacts will be deposited with the London Archaeological Archive and Research Centre (LAARC).
- 2.6 All works were undertaken in accordance with the following documents:
- *King Street Regeneration Project: Hammersmith Town Hall, London, W6 9JU: Written Scheme of Investigation for An Archaeological Watching Brief on Geotechnical Site Investigation* (Pre-Construct Archaeology Limited 2019)
 - Management of Research Projects in the Historic Environment (MoRPHE) (Historic England 2016)
 - *Guidelines for Archaeological Projects in Greater London* (Historic England Greater London Archaeology Advisory Service HE GLAAS 2015)
 - Standard and guidance for an archaeological watching brief (Chartered Institute for Archaeologists (CIfA) 2014).
 - *Fieldwork Induction Manual: Operations Manual*, (Pre-Construct Archaeology Limited; Taylor, J & Brown, G. 2009).

3 PLANNING BACKGROUND

3.1 It is proposed to redevelop the site, and this would involve the demolition of 181-187 King Street, Town Hall Extension, Quaker Meeting House 20 Nigel Playfair Avenue (West), Register Office Nigel Playfair Avenue (West) and the remainder of the former Cineworld 207 King Street. Redevelopment, to include the Nigel Playfair Avenue (West) Car Park and Nigel Playfair Avenue (East). The development would provide four new build blocks comprising existing and new basements and buildings of between six and eight storeys in height comprising 204 dwelling units (Class C3), retail (Class A1), Restaurant/café use (Class A3), Cinema (Class D2) and Office (Class B1) to include enterprise units; internal and external alterations and roof extension of the Grade II Listed Town Hall building to provide a refurbished civic centre and new office use (Class B1); creation of a civic square and public realm works, play space, landscaping and associated residential and non-residential car parking (including disabled), cycle parking, motorcycle parking, access and servicing (EIA Development) (LB Hammersmith & Fulham Planning Ref. 2018/01500/FUL).

3.2 The requirement for the archaeological work was subsequently discussed between Archaeology Collective and Diane Abrams of Historic England Greater London Archaeology Advisory Service (GLAAS), archaeological advisors to LB Hammersmith & Fulham. An initial requirement for an archaeological watching brief during geotechnical site investigations was confirmed.

3.3 The proposed draft archaeological condition (No 10) to be attached to the planning consent would read as follows:

Prior to commencement of each Phase of development (excluding site clearance and demolition), a Written Scheme of Investigation (WSI) shall be submitted to and approved in writing by the Council. For land that is included within the WSI, no development shall take place within the relevant Phase other than in accordance with the agreed WSI, and the programme and methodology of site evaluation and the nomination of a competent person(s) or organisation to undertake the agreed works.

If heritage assets of archaeological interest are identified by stage 1 then for those parts of the site which have archaeological interest a stage 2 WSI shall be submitted to and approved by the local planning authority in writing. For land that is included within the stage 2 WSI, no excavation works/development shall take place other than in accordance with the agreed stage 2 WSI which shall include:

- A. The statement of significance and research objectives, the programme and methodology of site investigation and recording and the nomination of a competent person(s) or organisation to undertake the agreed works
- B. The programme for post-investigation assessment and subsequent analysis, publication & dissemination and deposition of resulting material. This part of the condition shall not be

discharged until these elements have been fulfilled in accordance with the programme set out in the stage 2 WSI.

The development shall be carried out in accordance with the approved details.

Reason: Heritage assets of archaeological interest may survive on the site. The Council wishes to secure the provision of appropriate archaeological investigation, including the publication of results, in accordance with Section 12 of the NPPF, Policy 7.8 of the London Plan, Policies DC1, DC8 of the Local Plan 2018 and key principles within the Planning Guidance Supplementary Planning Document 2018.

4 GEOLOGICAL AND TOPOGRAPHIC BACKGROUND

- 4.1 According to the British Geological Survey (BGS) of England and Wales, the local geology the London Clay Formation and silt (brickearth) overlain by river terrace gravels of Kempton Park Gravel Member.
- 4.2 The site is situated at c. 4.5 – 5m above Ordnance Datum (AOD) on a land very gently rising towards the north.
- 4.3 The site is bounded to the north by King Street, to the south by the A4 (Great West Road), and to the west and east primarily by residential development. The River Thames is located c. 140m to the south. The site is divided by Nigel Playfair Avenue running north to south. The eastern part of the site is occupied by the Hammersmith Town Hall with its extension fronting King Street (No 181-187). The extension will be demolished as part of the development. The western part of the site consists of the former car park, and a Quakers Meeting House and Register Office which is also to be demolished.

5 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

5.1 A Heritage Statement (Heritage Collective 2018) and an archaeological desk-based assessment (Archaeology Collective 2018) have been prepared for the site. In summary:

5.2 The site lies within the 'King Street' and the 'Hammersmith Creek, Queen Caroline Street and Broadway' Archaeological Priority Areas as mapped by the Historic England Greater London Archaeology Advisory Service for the London Borough of Hammersmith & Fulham, the local planning authority. The site has potential for archaeological remains dating to the Roman period and associated with the Roman road along the course of King Street, as well as for the remains of any period prior to the 17th century along the course of the former Hammersmith Creek that was backfilled in the 20th century.

5.3 The eastern part of the site lies within the King Street East Conservation Area which has been recently subject to a review (2018). To the south of King Street, the area is predominately of inter-war development reflecting the redevelopment of the former Victorian and Georgian terraced buildings which occupied this area to accommodate the expanding city. To the north of King Street are several Victorian terraced properties forming a dense pattern of development (Heritage Collective 2018). In addition, the southern end of the site is adjacent to the Mall Conservation Area encompassing the area of historic development next to the River Thames.

Prehistoric

5.4 A Palaeolithic tool was found c. 250m to the south-west on the edge of Thames and a Mesolithic tool was also found nearby on the river foreshore. A Neolithic axe was recovered from the river to the south.

5.5 Evidence of possible Bronze Age settlement in the form of ditches, pits and post-holes was found c. 200m to the north-east of the site. The extent of the ditches may have reached as far as the immediate area to the east of the current site. The Thames and its foreshore has also produced numerous Bronze Age artefacts.

5.6 The Bronze Age settlement to the north continued into the Iron Age.

Roman

5.7 The line of King Street, which forms the northern boundary of the site, is thought to possibly follow the course of a branch of the Roman Road from London to Brentford. A large ditch possibly associated with the road was found 200m to the north-east. Roman pottery was found within the site of the Bronze Age/Iron Age settlement and it is possible the settlement had continued in use into the Roman period.

Saxon and Medieval

5.8 The Hammersmith Area was part of Fulham Manor which was focused upon Fulham Palace. Excavations c. 700m south-east of the site revealed Saxon occupation at Hammersmith

Embankment. Sunken featured buildings, ovens, hearths, pits and ditches were found there. Evidence of metal working was also recorded.

- 5.9 Hammersmith village was located in area of Queen Caroline Street, close to Hammersmith bridge and c. 500m south-east of the site. It later joined a larger settlement on King Street.

Post-Medieval

- 5.10 Hammersmith Creek was once navigable in its estuary up to King Street from the River Thames. The site occupies the area just to the south of the former timber bridge crossing (the 'High Bridge') and the creek once flowed southwards through the eastern part of the site where the Hammersmith Town Hall stands today. The area developed in the post-medieval period with malting, brewing and raw material exports involved into Creek Wharf which by the late 19th century contained numerous buildings, including dwellings, warehouses, a mill, stores, sheds, public house, and cottages. Cromwell's Brewery developed along the western side of the creek which itself measured c. 220m between King Street and High Bridge linking Upper and Lower Mall near the river. The creek was culverted in the 1930s and then backfilled around the culvert. The Town Hall was erected atop the buried creek in 1938-9 to designs by Ernest Berry Webber and is a Grade II listed building. The northern extension to the hall was built in the 1970s.

6 RESEARCH DESIGN

6.1 The archaeological investigation was designed to gather what archaeological information was available from the small-scale geotechnical site investigation. The investigation did also seek to clarify the nature and extent of existing disturbance and intrusions and hence assess the degree of archaeological survival.

6.2 The following site-specific research questions were also posed:

- Are there any prehistoric, Roman or medieval remains present and are they associated with the creek-side activity?
- Are Bronze Age/Iron Age remains associated with the settlement to the north-east present within the site?
- Are there Roman remains present on the site, and do they relate to the Roman Road following today's King Street?
- Are there remains of the medieval/post-medieval revetments or other structures linked to Hammersmith Creek on the site?
- Are there any post-medieval remains related to the Creek Wharf?

7 METHODOLOGY

- 7.1 The proposed methodology of the archaeological work was detailed in the site-specific Written Scheme of Investigation (PCA 2019) and comprised the archaeological monitoring of two geotechnical test pits and seven boreholes (Figure 2). The works on the site had started prior to the agreement for archaeological monitoring therefore some test pits excavated in the western part of the site earlier and subsequently backfilled were not monitored.
- 7.2 Any potential archaeological features or deposits encountered within the test pits were cleaned and investigated by hand and recorded by the attending archaeologist. However, investigation of the archaeological features and deposits was restricted due to a nature of the backfill.
- 7.3 All recording systems adopted during the investigation were fully compatible with those most widely used elsewhere in London Borough of Hammersmith & Fulham; presented in PCAs *Operations Manual 1* (Taylor & Brown 2009, updated 2018). A selective section of each test pit was drawn by hand at a scale of 1:10 in order to illustrate the observed sequences, modern disturbance and current ground level. In addition to a series of digital photographs recording the encountered deposits a written record of each deposit was also produced. Location of the section drawing was located by offsetting from the internal walls and plotted onto OS mapping data by CAD.
- 7.4 Following the completion of all phases of fieldwork and reporting the project archive will be deposited in its entirety with the London Archaeological Archive and Research Centre (LAARC) with the unique site code HSM19.

8 RESULTS OF INVESTIGATION

8.1 Test Pit 101

- 8.1.1 The pit was located along in the north-western corner of the site (Figure 2). It measured 2m x 2m and was excavated to a maximum depth of 1.2m below ground level (BGL). The section (Figure 3) of less disturbed deposits was recorded in the northern end of the pit.
- 8.1.2 The earliest deposit was [38] consisting light greyish brown gravelly sand with patches of brown yellow, and it was recorded at c. 4.26m AOD.
- 8.1.3 Sealing [38] was a layer [37], a soft dark brown clayey silt and it was 0.28m thick.
- 8.1.4 Above was a levelling layer [36] present at 4.83m AOD. It consisted firm light, yellowish brown sand with fragments of ceramic building material (CBM), small stones and concrete. This was 0.50m thick.
- 8.1.5 Sealing [36] was a deposit of made ground [35], firm medium grey, silty clay with small stones. This was 0.20m thick, the top was at 5m AOD, at ground level.

8.2 Test Pit 102

- 8.2.1 The pit was located in the north-western corner of the site against the eastern foundation of 211 King Street. It was 2m x 2m x 1.95m. The top of the pit was at 4.8m AOD.
- 8.2.2 The earliest deposit was [34], a firm, mid yellow brown sandy clay with frequent flints inclusions. It was 0.5m+ thick.
- 8.2.3 The majority of the pit was filled in by modern rubble and concrete foundations.

8.3 Borehole 101

- 8.3.1 This was located near the test pits, in the north-western end of the site. It was drilled down to 30m below ground level to a depth of -1.9m below AOD.
- 8.3.2 The earliest deposit was [5] and comprised of a natural deposit of silty clay 0.2m+ thick.
- 8.3.3 Sealing [4] was a natural yellow clay deposit [4] and it was 0.1m thick.
- 8.3.4 Above [4] was a natural gravel [3]. It was 4.4m thick at was present at maximum height of 2.61m AOD.
- 8.3.5 Sealing [3] was a deposit of made ground [2] consisting soft, dark pinkish orange brown, silty clay, with fine to coarse sand and gravels with fragments of CBM. This was 0.8m.
- 8.3.6 Sealing [2] was a demolition layer [1] which was 1.4m thick and consisted brick rubble and concrete at maximum of c. 4.80m AOD.

8.4 Borehole 102

- 8.4.1 This is located outside of the north-eastern corner of the Town Hall. The borehole was 30m deep. The top was at 4.92m AOD.
- 8.4.2 Natural Kempton Park gravel [32] was present at 3.42m AOD.
- 8.4.3 Sealing [32] was a layer of made ground [31], a very soft, brown silty sand with occasional ash and clinker frags with flint nodules and very occasional CBM frags. This was 0.50m thick, the top was at 3.92m AOD
- 8.4.4 Sealing [31] was a layer of made ground [30] consisting very soft brown grey, sandy silt, with frequent fragments of CBM, frequent small pebbles and ash. This was 0.7m thick, the top was at 4.62m AOD.
- 8.4.5 Sealing [30] was a layer of tarmac [+]. Over laid by [+] yellow sand, sealed by concrete slab [+].

8.5 **Borehole 106**

- 8.5.1 This was located on the western side of the site. The borehole was 4.40m deep and its top was at 5.28 AOD, the bottom was at 0.98m AOD.
- 8.5.2 The earliest deposit [13] consisted of soft, grey, silty sand with frequent small stones and gravels, occasional fragments of concrete and CBM and was 0.65m thick.
- 8.5.3 Sealing [13] was a deposit of made ground [12] consisting soft grey silty clay with frequent small pebbles and occasional CBM this was 0.65m thick. The top was at 2.38m AOD.
- 8.5.4 Sealing [12] was a deposit of made ground [11] consisting soft, grey, silty clay with frequent small pebbles and moderate fragments of CBM. This deposit was 0.90m in thick.
- 8.5.5 Above [11] was made ground [10] comprised of soft light creamy grey, silty sand with frequent fragments of CBM, and moderate small pebbles. This deposit was 1m thick.
- 8.5.6 The latest deposit was made ground [9] comprised of brick and concrete rubble 1.10m thick the top was at 5.28m AOD.

8.6 **Borehole 107**

- 8.6.1 BH107 was located within the western part of the site and it was 8m deep. The top was at 4.95m AOD the bottom was at -3.05m AOD.
- 8.6.2 The earliest deposit above London clay was [16], a natural soft light grey sandy gravel. This was 3.80m thick, the top was at 2.15m AOD.
- 8.6.3 Sealing [16] was [15] a deposit of made ground of soft light grey brown sandy silt, with frequent fragments of CBM and moderate fragments of concrete, and it was 0.30m thick.
- 8.6.4 Sealing [15] was a demolition layer [14] consisting frequent brick rubble and concrete, this was 2.5m thick the top was at 4.95m AOD.

8.7 **Borehole 108**

- 8.7.1 This borehole on the western side of the site. It was 8m dep. The top was at 5.09m AOD, the bottom was at -2.91m AOD.
- 8.7.2 The earliest deposit above the London Clay was a layer of natural [21] comprising of sandy gravel (3.85m thick).
- 8.7.3 Sealing [21] was [20] a layer of soft greyish yellow sand (1.10m thick). The top was at 3.14m AOD.
- 8.7.4 Sealing [20] was a deposit of soft brown clay alluvium (?) [19] and it was 1.15m thick. The top was at 4.29m AOD.
- 8.7.5 Sealing [19] was a deposit of made ground [18] consisting of a soft, light greyish brown, silty clay with occasional small pebbles. This was 0.5m thick, the top was at 4.59m AOD.
- 8.7.6 Sealing [18] was made ground [17], a firm, light greyish brown, silty sand, with frequent small pebbles and moderate fragments of CBM. This was 0.5m thick.
- 8.8 Borehole 109**
- 8.8.1 This was on the western side of the site. It was 8m deep. The top was at c. 4.60m AOD, the bottom was at -3.40m AOD.
- 8.8.2 The earliest deposit above Kempton Park gravel (present at 2.10m OD), was [24], a layer of natural soft, light brown alluvium 0.45m thick.
- 8.8.3 Sealing [24] was a deposit of [23], a soft, brown and 1.60m thick clay. The top was at 3.60m AOD.
- 8.8.4 Above [23] was a deposit of made ground [22] consisting firm, light greyish brown gravelly sand with frequent fragments of CBM with frequent small pebbles, this was 1m thick. The top was at 4.6m AOD
- 8.9 Borehole 111**
- 8.9.1 This was located outside the south east corner of the Town Hall. BH111 went down to 8m BGL. The top was at 4.5m AOD, the bottom was at -3.0m below AOD.
- 8.9.2 The earliest deposit was [29], a grey brown soft clay (London Clay). This was 1.3m+ thick and was present at -1.70m OD.
- 8.9.3 Sealing [29] was a deposit of gravel [28] firm in compaction yellow brown in colour with flints. This was 3.50m thick the top was at 1.80m AOD.
- 8.9.4 Sealing [28] was a deposit of [27] natural sandy silt, with a soft compaction yellow brown in colour with frequent flints. This was 1.20m thick. The top was at 4.00m AOD.
- 8.9.5 Sealing [27] was a deposit of made ground [26] of soft brown gravelly silt. Frequent fragments of CBM, flint nodules, chalk frags, flecks and clinker were present in this deposit. This was 0.80m thick.

9 ARCHAEOLOGICAL SEQUENCE

9.1 The following section describes the deposits recorded during the investigation by archaeological phase.

9.2 Phase 1: Natural

9.2.1 Natural superficial deposits were encountered in most of the boreholes. The earliest of these was clay [4], [5], [29], recorded at the base of BH111, -2.20m below OD and in BH101 at -1.60m below OD.

9.2.2 The London Clay was overlain by a sequence of sandy gravel deposits [3], [16], [21], [28], [32] identified as Kempton Park Gravel Member river terrace gravels, present between 1.3m AOD in BH11, in the southern end of the site, and 2.80m AOD (BH101) and 2.90m AOD (BH102) in the northern end of the site.

9.2.3 The southern end of the site where BH111 was located contained a 1m thick layer of silt [27] above gravels, possibly a result of natural silting process within the former Hammersmith Creek.

9.2.4 Alluvial clay [19], [23] was present along the western site boundary in its central part (BH108 and BH109) at between 3.10m and 3.25m AOD.

9.3 Phase 2: Modern

9.3.1 In all areas observed modern deposits of made ground and those related directly to modern developments overlay natural deposits.

10 INTERPRETATION AND CONCLUSIONS

- 10.1 The watching brief identified the level of the London Clay at the depth between -2.20m and -1.60m below OD. The north to south gentle drop in levels of the clay was clearly visible throughout the site. The river terrace gravels were also seen at between 2.80m – 2.90m below OD in the northern part of the site and 1.3m AOD to the south, recording the natural terrace sloping down towards the River Thames to the south.
- 10.2 Relatively thick deposits of silt present in the south-eastern part of the site between 1.3m and 2.3m AOD may very likely have been a remainder of Hammersmith Creek. The silt would represent the naturally deposited material on the bed of the creek. The location of BH111 compared to historic maps provides a match for this conclusion.
- 10.3 The fragmentary presence of alluvial deposits in along the western boundary of the site may have been a remnant of flood deposits on the banks of Thames and Hammersmith Creek.
- 10.4 Other deposits on the site were of modern character related either to development of the Town Hall or late phases of the Creek Wharf.
- 10.5 Probable evidence of the former Hammersmith Creek was found. No humanly-formed archaeological deposits predating 1900 were observed and no datable finds were recovered during the monitoring.

11 ACKNOWLEDGEMENTS

- 11.1 Pre-Construct would like to thank Archaeology Collective for commissioning the work on behalf of the overall client. We also thank Diane Abrams of Historic England Greater London Archaeology Advisory Service for his input and advice to the project.
- 11.2 The author would also like to thank Zbigniew Pozorski for his project management and editing this report, and Ray Murphy for the illustrations.

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PLATES



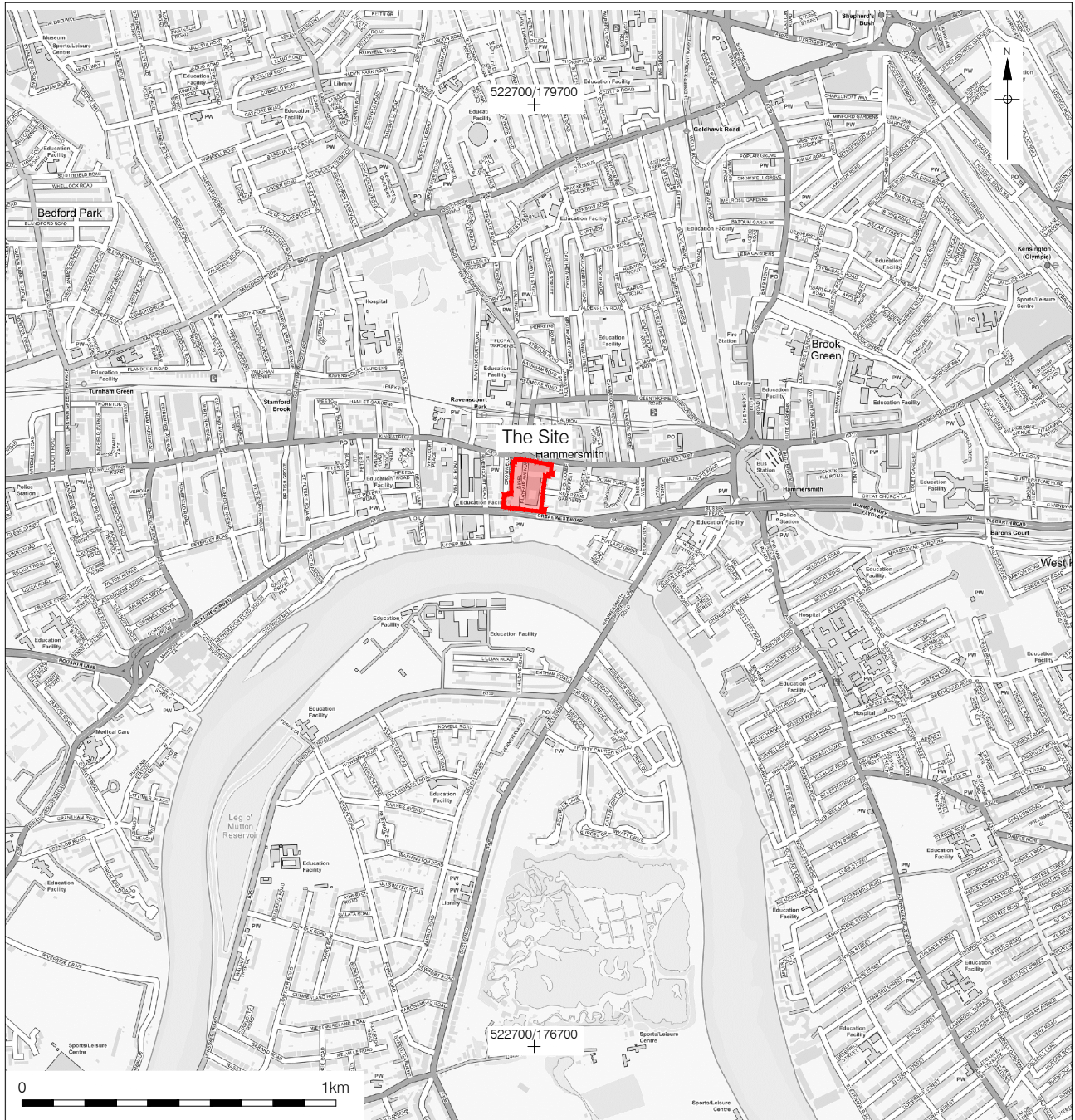
Plate 1: Test Pit 101, looking north.

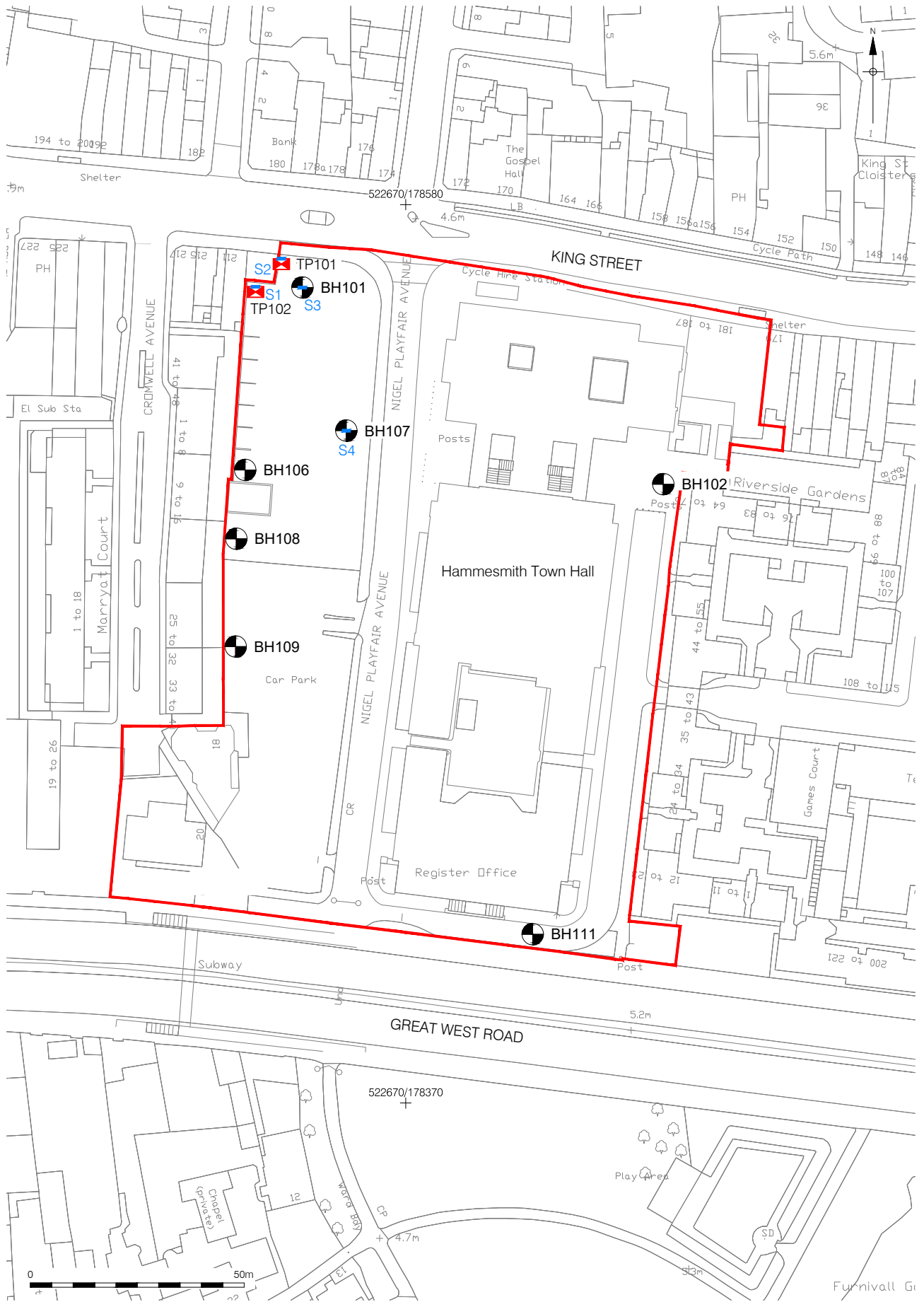


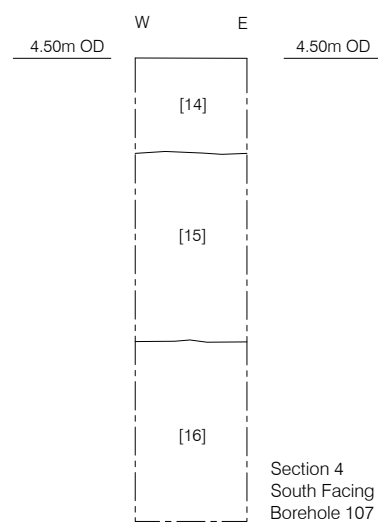
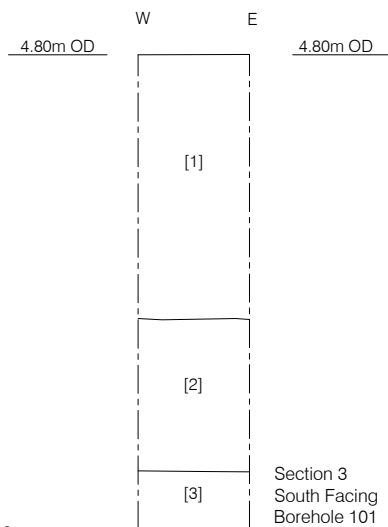
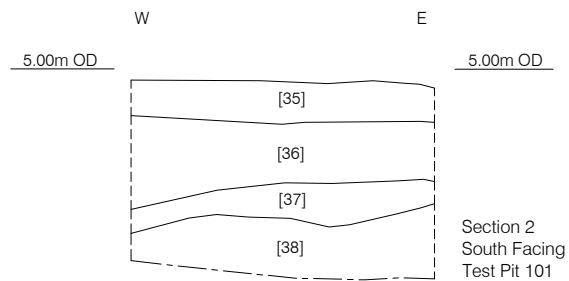
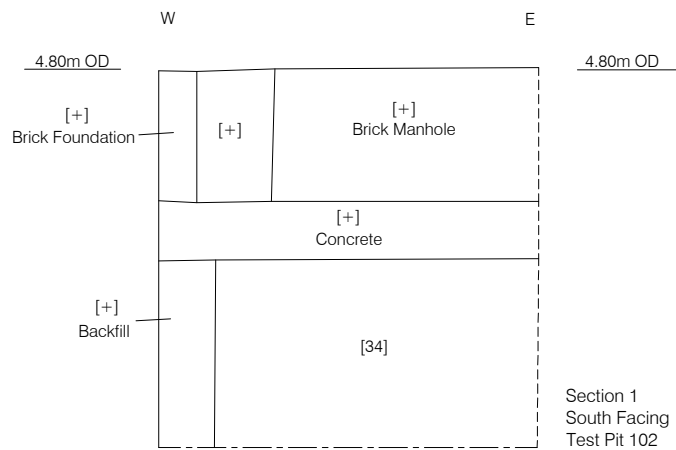
Plate 2: Test Pit 102, looking south



Plate 3: Borehole 101 during the works, looking north-west.







APPENDIX 1: CONTEXT INDEX

Context	CTX_Type	Trench	CTX_Category
1	Layer	BH101	Demolition layer
2	Layer	BH101	Made Ground
3	Layer	BH101	Natural
4	Layer	BH101	Natural
5	Layer	BH101	Natural
6		Void	
7		Void	
8		Void	
9	Layer	BH106	Rubble
10	Layer	BH106	Made Ground
11	Layer	BH106	Made Ground
12	Layer	BH106	Made Ground
13	Layer	BH106	Made Ground
14	Layer	BH107	Demolition layer
15	Layer	BH107	Made Ground
16	Layer	BH107	Natural
17	Layer	BH108	Made Ground
18	Layer	BH108	Made Ground
19	Layer	BH108	Alluvium
20	Layer	BH108	Natural
21	Layer	BH108	Natural
22	Layer	BH109	Made Ground
23	Layer	BH109	Alluvium
24	Layer	BH109	Natural
25	Layer	BH111	Made Ground
26	Layer	BH111	Made Ground
27	Layer	BH111	Natural
28	Layer	BH111	Natural
29	Layer	BH111	Natural
30	Layer	BH102	Made Ground
31	Layer	BH102	Made Ground
32	Layer	BH102	Natural
33		Void	
34	Layer	TP102	Natural
35	Layer	TP101	Made Ground
36	Layer	TP101	Levelling layer
37	Layer	TP101	Made Ground
38	Layer	TP101	Made Ground

APPENDIX 2: OASIS REPORT

OASIS ID: preconst1-356867

Project details

Project name	Hammersmith Town Hall
Short description of the project	Watching Brief on Geotechnical Site Investigation: 7 boreholes and 2 test pits were monitored.
Project dates	Start: 10-05-2019 End: 22-05-2019
Previous/future work	No / Not known
Any associated project reference codes	MSM19 - Sitecode
Type of project	Recording project
Site status	Area of Archaeological Importance (AAI)
Current Land use	Community Service 1 - Community Buildings
Monument type	N/A None
Monument type	N/A None
Significant Finds	N/A None
Significant Finds	N/A None

Project location

Country	England
Site location	GREATER LONDON HAMMERSMITH AND FULHAM HAMMERSMITH Hammersmith Town Hall
Postcode	W6 9JU
Study area	2300 Square metres
Site coordinates	TQ 22691 78459 51.491251851461 -0.232547678731 51 29 28 N 000 13 57 W Point
Lat/Long Datum	Unknown
Height OD / Depth	Min: 4.3m Max: 5m

Project creators

Name of Organisation	Pre-Construct Archaeology Limited
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Project brief originator	Greater London Archaeological Advisory Service
Project design originator	Archaeology Collective
Project director/manager	Zbigniew Pozorski
Project supervisor	James Heathcote
Type of sponsor/funding body	Consultancy

Project archives


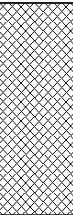
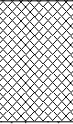
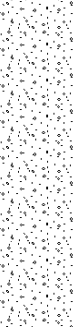



























Physical Archive recipient	LAARC
Physical Contents	"other"
Digital Archive recipient	LAARC
Digital Media available	"Text"
Paper Archive recipient	LAARC
Paper Media available	"Report", "Unpublished Text", "Context sheet", "Drawing", "Photograph", "Plan"

Project bibliography 1

Publication type	Grey literature (unpublished document/manuscript)
Title	Hammersmith Town Hall, London, W6 9JU: An Archaeological Watching Brief on Geotechnical Site Investigation
Author(s)/Editor(s)	J Heathcote
Date	2019

Entered by	Zbigniew pozorski (zpozorski@pre-construct.com)
Entered on	21 June 2019

APPENDIX 3: BOREHOLE AND TEST PITS LOGS

	Contract Name: West King Street Renewal			Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH101						
	Contract Number: JER1957	Start Date: 09/05/2019	End Date: 14/05/2019	Checked By: LH	Status: DRAFT			Sheet 1 of 3					
Cable Percussion Borehole Log	Easting: 522650.6	Northing: 178561.9	Ground Level: 4.81mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG			Scale: 1:50					
	Weather: Fine with showers			Termination: Borehole achieved required depth.			SPT Hammer: N/R, Energy Ratio: N/R						
Samples & In Situ Testing				Strata Details					Groundwater				
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation				
0.50	B				(1.40)		Reddish brown silty sandy angular to subangular fine to coarse brick and concrete gravel. Sand is fine to coarse. MADE GROUND						
1.00	B							1					
1.50 - 1.95	B	SPT(C) 1.50m, N=38 (2,4/9,9,10,10)		3.41	1.40		Dark pinkish orange brown slightly gravelly clayey silty fine to coarse sand. Gravel is angular to subangular fine to coarse flint. MADE GROUND						
2.00	D				(0.80)			2					
		SPT(C) 2.50m, N=33 (3,4/6,8,9,10)		2.61	2.20		Medium dense to dense brown with black speckles gravelly fine to coarse SAND. Gravel is angular to rounded fine to coarse flint. KEMPTON PARK GRAVEL MEMBER						
3.00	D							3					
3.50 - 3.95	B	SPT(C) 3.50m, N=39 (2,4/4,7,12,16)											
4.00	D							4					
4.50 - 4.95	B	SPT(C) 4.50m, N=16 (3,2/4,3,4,5)			(4.40)								
5.25	D							5					
6.00 - 6.40	B	SPT(C) 6.00m, 50 (5,6/50 for 240mm)											
6.40 - 6.60	D							6					
6.70	D			-1.79	6.60		Grey claystone.						
6.90	D			-1.89	6.70		LONDON CLAY FORMATION						
7.00 - 7.45	D	SPT(S) 7.00m, N=20 (1,3/4,5,5,6)		-2.09	6.90		Soft orange brown slightly sandy slightly gravelly CLAY. Gravel is angular fine flint. Sand is medium to coarse.						
							LONDON CLAY FORMATION						
							Stiff becoming very stiff greyish brown silty CLAY.						
							LONDON CLAY FORMATION						
7.75	D							7					
													
													
8.50 - 8.95	U							8					
													
													
9.00	D							9					
													
													
10.00 - 10.45	D							10					
													
													
													
													
													
													
													
													
													
													
Start & End of Shift Observations				Installation				Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.			
					1	0.00	2.00	PLAIN SLOTTED	50				
Chiselling				Borehole Diameter				Casing Diameter					
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				30.00	150	7.00	150	5.20	5.20		20	3.65	
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017													



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH101	
Contract Number: JER1957	Start Date: 09/05/2019	End Date: 14/05/2019	Checked By: LH	Status: DRAFT	Sheet 2 of 3	
Cable Percussion Borehole Log	Easting: 522650.6	Northing: 178561.9	Ground Level: 4.81mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Fine with showers Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
10.75	D	SPT(S) 10.00m, N=24 (2,4/5,6,6,7)						11		
-11.50 - 11.95	U									
12.00	D							12		
13.00 - 13.45	D	SPT(S) 13.00m, N=26 (3,5/5,6,7,8)						13		
13.75	D							14		
-14.50 - 14.95	U									
15.00	D				(23.10)			15		
16.00 - 16.45	D	SPT(S) 16.00m, N=31 (4,5/7,7,8,9)						16		
16.75	D							17		
-17.50 - 17.95	U									
18.00	D							18		
19.00 - 19.45	D	SPT(S) 19.00m, N=35 (4,6/7,8,9,11)						19		
19.75	D							20		

Start & End of Shift Observations					Installation					Remarks:								
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.								
					1	0.00	2.00	PLAIN	50									
								SLOTTED	50									
										Water Strikes								
Chiselling					Borehole Diameter				Casing Diameter				Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	5.20	5.20		20	3.65			
					30.00	150	7.00	150										
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																		



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH101	
Contract Number: JER1957	Start Date: 09/05/2019	End Date: 14/05/2019	Checked By: LH	Status: DRAFT	Sheet 3 of 3	
Cable Percussion Borehole Log	Easting: 522650.6	Northing: 178561.9	Ground Level: 4.81mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Fine with showers Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
20.50 - 20.95	U					X				
21.00	D					X		21		
22.00 - 22.45	D	SPT(S) 22.00m, N=39 (5,6/7,9,11,12)				X		22		
22.75	D					X		23		
23.50 - 23.95						X				
24.00	D					X		24		
25.00 - 25.45	D	SPT(S) 25.00m, N=47 (5,7/10,11,12,14)				X		25		
25.75	D					X		26		
26.50 - 26.95	U					X				
27.00	D					X		27		
28.00 - 28.45	D	SPT(S) 28.00m, N=49 (6,7/11,11,12,15)				X		28		
28.75	D					X		29		
29.50 - 29.95	U					X				
30.00	D			-25.19	30.00	X	End of Borehole at 30.00m	30		

Start & End of Shift Observations					Installation					Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.						
					1	0.00	2.00	PLAIN	50							
					1	2.00	8.00	SLOTTED	50							
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes		Remarks	
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)			
					30.00	150	7.00	150	5.20	5.20		20	3.65			
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH102	
Contract Number: JER1957	Start Date: 13/05/2019	End Date: 15/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 3	
Cable Percussion Borehole Log		Easting: 522734.0	Northing: 178518.1	Ground Level: 4.92mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
		Termination: Borehole achieved required depth.			SPT Hammer: N/R, Energy Ratio: N/R	
				Scale: 1:50		

Weather: Cloudy

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
0.50	B			4.84 4.72 4.62	0.08 0.20 0.30	Concrete. CONCRETE	Concrete.		
					(0.70)	MADE GROUND Tarmacadam. TARMACADAM	Yellow fine to coarse SAND.		
1.00	B			3.92	1.00	MADE GROUND	Soft brownish grey sandy gravelly silt with slight creosote odour. Gravel is angular to subangular fine to coarse of flint, brick and frequent black ash fragments.	1	
1.50 - 1.95	B	SPT(C) 1.50m, 32 (6,8/32 for 175mm)		3.42	1.50	MADE GROUND	Soft brown slightly gravelly slightly sandy silt with occasional fine relic rootlets and occasional ash and clinker fragments. Gravel is angular to subrounded fine of flint, chalk and rare brick fragments. Sand is medium to coarse.	2	
2.20	D				(1.70)	MADE GROUND	Dense orange brown gravelly medium to coarse SAND.		
2.50 - 2.95	B	SPT(C) 2.50m, N=44 (4,6/8,10,12,14)					Gravel is subangular to rounded fine to medium flint. KEMPTON PARK GRAVEL MEMBER	3	
3.20	D			1.72	3.20		Medium dense orange brown gravelly fine to coarse SAND with rare rounded flint cobbles. Gravel is subangular to rounded fine to medium flint.	4	
3.50 - 3.95	B	SPT(C) 3.50m, N=15 (1,2/2,4,5,4)					KEMPTON PARK GRAVEL MEMBER	5	
4.20	D							6	
4.50 - 4.95	B	SPT(C) 4.50m, N=18 (2,3/3,5,5,5)			(3.10)			7	
5.20	D							8	
6.00 - 6.45	B	SPT(C) 6.00m, N=13 (2,2/3,3,3,4)		-1.38	6.30		Soft dark brown slightly sandy slightly gravelly CLAY. Gravel is subangular to rounded fine to medium flint. Sand is medium to coarse.	9	
7.00	D			-2.08	7.00		LONDON CLAY FORMATION	10	
7.50 - 7.95	D	SPT(S) 7.50m, N=19 (2,3/4,4,5,6)					Stiff greyish brown CLAY. LONDON CLAY FORMATION		
8.50	D								
9.00 - 9.45	U								
10.00	D								

Start & End of Shift Observations					Installation					Remarks:				
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.				
					1	0.00	1.50	PLAIN	50					
						1.50	7.00	SLOTTED	50					
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes	
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	
				30.00	150	7.00	150	5.60	5.60		20	4.40		
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017														



Contract Name: West King Street Renewal			Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH102		
Contract Number: JER1957	Start Date: 13/05/2019	End Date: 15/05/2019	Checked By: LH	Status: DRAFT		Sheet 2 of 3		
Cable Percussion Borehole Log		Easting: 522734.0	Northing: 178518.1	Ground Level: 4.92mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50	

Weather: Cloudy Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
10.50 - 10.95	SPTL S	SPT(S) 10.50m, N=22 (3,4/5,5,6,6)								
11.50	D									
12.00 - 12.45	U									
13.00	D									
13.50 - 13.95	SPTL S	SPT(S) 13.50m, N=29 (3,4/6,7,8,8)								
14.50	D									
15.00 - 15.45	U				(23.00)					
16.00	D									
16.50 - 16.95	SPTL S	SPT(S) 16.50m, N=31 (4,5/6,7,9,9)								
17.50	D									
18.50 - 18.95	U						Band of grey claystone.			
19.50	D									
20.00	D									

Start & End of Shift Observations					Installation					Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.						
					1	0.00	1.50	PLAIN	50							
					1	1.50	7.00	SLOTTED	50							
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes		Remarks	
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)			
					30.00	150	7.00	150	5.60	5.60		20	4.40			
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH102	
Contract Number: JER1957	Start Date: 13/05/2019	End Date: 15/05/2019	Checked By: LH	Status: DRAFT	Sheet 3 of 3	
Cable Percussion Borehole Log	Easting: 522734.0	Northing: 178518.1	Ground Level: 4.92mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Cloudy Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
20.50 - 20.95	SPTL S	SPT(S) 20.50m, N=35 (4,5/7,8,9,11)					Band of grey claystone.		
21.50	D								
22.00 - 22.45	U								
23.00	D						Band of grey claystone.		
23.50 - 23.95	SPTL S	SPT(S) 23.50m, N=43 (5,7/9,10,11,13)							
24.50	D								
25.00 - 25.45	U								
26.00	D								
26.50 - 26.95	SPTL S	SPT(S) 26.50m, N=47 (6,8/9,11,13,14)							
27.50	D						Band of grey claystone.		
28.00 - 28.45	U								
29.00	D								
29.50 - 29.95	SPTL S	SPT(S) 29.50m, N=47 (6,8/9,12,12,14)		-25.08	30.00				
							End of Borehole at 30.00m	30	

Start & End of Shift Observations					Installation					Remarks:				
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.				
					1	0.00	1.50	PLAIN	50					
					1	1.50	7.00	SLOTTED	50					
										Water Strikes				
Chiselling					Borehole Diameter		Casing Diameter		Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	5.60	5.60		20	4.40	
					30.00	150	7.00	150						
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017														



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH103	
Contract Number: JER1957	Start Date: 29/04/2019	End Date: 01/05/2019	Checked By: LH	Status: DRAFT		Sheet 1 of 3
Cable Percussion Borehole Log		Easting: 522645.1	Northing: 178494.6	Ground Level: 5.39mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
Weather: Sunny with showers		Termination: Borehole achieved required depth.		SPT Hammer: N/R, Energy Ratio: N/R		

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
				5.29	0.10		Tarmacadam. TARMACADAM		
0.50	B			5.04	0.35 (0.30)		Dark reddish brown slightly silty sandy gravel with frequent angular brick cobbles. Gravel is angular to subangular fine to coarse of concrete, brick, flint and rare grey ash. Sand is fine to coarse.		
1.00	B			4.74	0.65		MADE GROUND Soft greyish dark brown slightly gravelly clayey SILT with frequent clinker fragments. Gravel is angular to rounded fine to medium flint, brick and rare black ash fragments. Sand is fine.	1	
1.50 - 1.95	B	SPT(C) 1.50m, N=16 (1,2/4,4,4,4)			(2.15)		MADE GROUND Soft orange brown slightly gravelly sandy silt. Gravel is angular to subangular fine to medium of flint, brick and rare clinker.	2	
2.00	D						MADE GROUND		
2.50 - 2.95	B	SPT(C) 2.50m, N=24 (3,4/4,5,5,10)							
2.50	D			2.59	2.80		Medium dense light orange brown sandy subangular to subrounded fine to coarse flint GRAVEL. Sand is fine to coarse. KEMPTON PARK GRAVEL MEMBER	3	
3.00	D								
3.50	B	SPT(C) 3.50m, 50 (5,8/50 for 270mm)							
4.00	D								
4.50 - 4.95	B	SPT(C) 4.50m, N=22 (4,5/6,5,5,6)							
5.25	D				(4.90)				
6.00 - 6.45	B	SPT(C) 6.00m, N=27 (2,3/4,6,8,9)							
6.75	D								
7.50 - 7.95	B	SPT(C) 7.50m, N=20 (3,2/4,4,6,6)		-2.31	7.70 (0.30)		Firm light brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to medium flint. Sand is fine to coarse. LONDON CLAY FORMATION	8	
7.70	D								
8.00 - 8.45	D	SPT(S) 8.00m, N=19 (2,2/3,5,5,6)		-2.61	8.00		Stiff dark greyish brown slightly gravelly slightly sandy CLAY. Gravel is angular to subrounded fine to medium flint. Sand is fine to coarse. LONDON CLAY FORMATION	9	
8.75	D				(2.00)				
9.50 - 9.95	U								
10.00	D			-4.61	10.00				

Start & End of Shift Observations				Installation				Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.			
					1	0.00	1.00	PLAIN SLOTTED	50				
Chiselling				Borehole Diameter				Casing Diameter					
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				30.00	150	8.00	150	6.40	6.40		20	4.70	
RPS CP Template				Issue Number: 1				Issue Date: 13/09/2017					



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF		Borehole ID: BH103	
Contract Number: JER1957	Start Date: 29/04/2019	End Date: 01/05/2019	Checked By: LH	Status: DRAFT	Sheet 2 of 3
Cable Percussion Borehole Log		Easting: 522645.1	Northing: 178494.6	Ground Level: 5.39mOD	Plant Used: <small>Cable Percussion Drilling Rig.</small>
			Logged By: JG	Scale: 1:50	

Weather: Sunny with showers Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details						Groundwater		
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			Water Strike	Backfill/Installation	
11.00 - 11.45	D	SPT(S) 11.00m, N=25 (2,4/5,6,6,8)				X	Stiff dark greyish brown silty CLAY. LONDON CLAY FORMATION			11		
11.75	D					X				12		
12.50 - 12.95	U					X						
13.00	D					X				13		
14.00 - 14.45	SPTL S	SPT(S) 14.00m, N=29 (4,5/6,7,7,9)				X		Occasional light grey burrowing features.				14
15.50 - 15.95	U				(20.00)	X				15		
16.00	D					X				16		
17.00 - 17.45	SPTL S	SPT(S) 17.00m, N=32 (4,6/6,7,9,10)				X				17		
17.75	D					X				18		
18.50 - 18.95	U					X		Band of grey claystone.				
19.00	D					X				19		
						X				20		

Start & End of Shift Observations					Installation					Remarks:				
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.				
					1	0.00	1.00	PLAIN	50					
										Water Strikes				
Chiselling					Borehole Diameter		Casing Diameter		Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	6.40	6.40		20	4.70	
					30.00	150	8.00	150						
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017														



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH103	
Contract Number: JER1957	Start Date: 29/04/2019	End Date: 01/05/2019	Checked By: LH	Status: DRAFT	Sheet 3 of 3	
Cable Percussion Borehole Log	Easting: 522645.1	Northing: 178494.6	Ground Level: 5.39mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Sunny with showers Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
20.00 - 20.45	SPTL S	SPT(S) 20.00m, N=36 (5,6/7,9,9,11)				X	N Frequent fine crystals (0.5 by 0.5mm)		
20.75	D					X	Rare white shell fragments.	21	
21.50 - 21.95	U					X			
22.00	D					X		22	
23.00 - 23.45	SPTL S	SPT(S) 23.00m, N=43 (6,7/9,10,11,13)				X		23	
23.75	D					X		24	
24.50 - 24.95	U					X			
25.00	D					X		25	
26.00 - 26.45	SPTL S	SPT(S) 26.00m, N=44 (7,7/9,10,11,14)				X		26	
26.75	D					X		27	
27.50 - 27.95	U					X			
28.00	D					X		28	
29.00	SPTL S	SPT(S) 29.00m, 50 (6,8/50 for 285mm)				X		29	
30.00	D			-24.61	30.00	X	End of Borehole at 30.00m	30	

Start & End of Shift Observations					Installation					Remarks:				
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.				
					1	0.00	1.00	PLAIN	50					
					1	1.00	8.20	SLOTTED	50					
										Water Strikes				
Chiselling					Borehole Diameter					Casing Diameter				
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
					30.00	150	8.00	150	6.40	6.40		20	4.70	
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017														



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH104	
Contract Number: JER1957	Start Date: 07/05/2019	End Date: 08/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 3	
Cable Percussion Borehole Log		Easting: 522642.7	Northing: 178440.5	Ground Level: 5.42mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
		Termination: Borehole terminated due to access restrictions.			SPT Hammer: N/R, Energy Ratio: N/R	

Weather: Cloudy with showers.

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
0.50	B			5.37 5.27	0.05 0.15		Tarmacadam. TARMACADAM			
1.00	B				(1.65)		Dark orange brown slightly clayey slightly silty gravelly fine to coarse sand. Gravel is angular to subangular fine of tarmacadam, flint and brick. MADE GROUND			
1.50 - 1.95	B	SPT(C) 1.50m, N=19 (1,3/6,6,4,3)					Soft brown slightly sandy slightly gravelly clayey silt with occasional plant rootlets. Gravel is angular to subangular fine to medium of flint, brick and occasional clinker. Sand is fine to coarse. MADE GROUND			
2.20	D			3.62	1.80		Brown slightly sandy very clayey angular to subangular fine to medium flint GRAVEL. Sand is fine to coarse. KEMPTON PARK GRAVEL MEMBER			
2.50 - 2.95	B	SPT(C) 2.50m, N=27 (4,6/8,7,6,6)					Medium dense brown sandy silty clayey angular to subrounded fine to medium flint GRAVEL. Sand is fine to coarse. KEMPTON PARK GRAVEL MEMBER			
3.20	D			2.92	2.50					
3.50 - 3.95	B	SPT(C) 3.50m, N=21 (3,5/4,5,6,6)					Medium dense to dense orange brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint. KEMPTON PARK GRAVEL MEMBER <i>From 3.40mbgl to 4.20mbgl becoming slightly silty.</i>			
4.20	D			2.02	3.40					
4.50 - 4.95	B	SPT(C) 4.50m, N=35 (3,5/8,8,9,10)								
5.20	D				(3.60)					
6.00 - 6.45	B	SPT(C) 6.00m, N=16 (2,3/3,4,4,5)								
7.00	D			-1.58	7.00		Soft brown CLAY with frequent orange brown oxidation pockets (3mm x 3mm). LONDON CLAY FORMATION			
7.50 - 7.95	SPTL S	SPT(S) 7.50m, N=16 (2,3/3,4,4,5)					Firm brownish grey silty CLAY. LONDON CLAY FORMATION			
8.50	D									
9.00 - 9.45	U						<i>From 9.0m bgl. Becoming stiff.</i>			
10.00	D									

Start & End of Shift Observations					Installation					Remarks:								
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.								
					1	0.00	2.50	PLAIN	50									
					1	2.50	7.50	SLOTTED	50									
										Water Strikes								
Chiselling					Borehole Diameter				Casing Diameter				Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	6.20	6.20		20	4.50			
					20.00	150	7.50	150										
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																		



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH104	
Contract Number: JER1957	Start Date: 07/05/2019	End Date: 08/05/2019	Checked By: LH	Status: DRAFT	Sheet 2 of 3	
Cable Percussion Borehole Log		Easting: 522642.7	Northing: 178440.5	Ground Level: 5.42mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
		Termination: Borehole terminated due to access restrictions.			SPT Hammer: N/R, Energy Ratio: N/R	
		Scale: 1:50				

Weather: Cloudy with showers.

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
10.50 - 10.95	SPTL S	SPT(S) 10.50m, N=22 (3,4/5,5,6,6)				⊗			
11.50	D					⊗			
12.00 - 12.45	U					⊗			
13.50 - 13.95	SPTL S	SPT(S) 13.50m, N=23 (3,4/5,6,6,6)				⊗			
14.50	D					⊗			
15.00 - 15.45	U				(12.50)	⊗			
16.00	D					⊗			
16.50 - 16.95	SPTL S	SPT(S) 16.50m, N=27 (3,5/5,6,7,9)				⊗			
17.50	D					⊗			
18.00 - 18.45	U					⊗			
19.00	D					⊗			
19.50 - 19.95	SPTL S	SPT(S) 19.50m, N=32 (4,5/6,7,9,10)		-14.58	20.00	⊗			

Start & End of Shift Observations					Installation					Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.						
					1	0.00	2.50	PLAIN	50							
					1	2.50	7.50	SLOTTED	50							
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes		Remarks	
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)			
					20.00	150	7.50	150	6.20	6.20		20	4.50			
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH104	
Contract Number: JER1957	Start Date: 07/05/2019	End Date: 08/05/2019	Checked By: LH	Status: DRAFT	Sheet 3 of 3	
Cable Percussion Borehole Log	Easting: 522642.7	Northing: 178440.5	Ground Level: 5.42mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Cloudy with showers. Termination: Borehole terminated due to access restrictions. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
							End of Borehole at 20.00m		
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

Start & End of Shift Observations					Installation					Remarks:						
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.						
					1	0.00	2.50	PLAIN	50							
					1	2.50	7.50	SLOTTED	50							
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes		Remarks	
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)			
					20.00	150	7.50	150	6.20	6.20		20	4.50			
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH105	
Contract Number: JER1957	Start Date: 18/05/2019	End Date: 19/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 2	
Cable Percussion Borehole Log		Easting: 522687.0	Northing: 178448.0	Ground Level:	Plant Used: Cable Percussion Drilling Rig.	Logged By: MH
		Termination: Borehole achieved required depth.			SPT Hammer: N/R, Energy Ratio: N/R	
					Scale: 1:50	

Weather: Cloudy

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
0.05					0.05		Concrete paving slab.			
0.20					0.20		CONCRETE			
0.50	B				(0.60)		Concrete.			
1.00	B				0.80		Brown slightly clayey sandy angular to subangular fine to coarse gravel of flint, brick, concrete, tile. Frequent cobble of brick.			
1.00	ES				(0.70)		MADE GROUND <i>Layer of bricks</i>	1		
1.50 - 1.95	B	SPT(C) 1.50m, N=13			1.50		Brown gravelly clay. Gravel is angular to subangular fine to medium flint, brick and concrete.			
1.70	ES	(1,2/3,3,4,3)			(0.70)		MADE GROUND			
2.20	D				2.20		Medium dense light brown sandy clay with occasional subangular fine flint gravel. Sand is fine.			
2.50 - 2.95	B	SPT(C) 2.50m, N=18			(1.00)		KEMPTON PARK GRAVEL MEMBER	2		
3.20	D				3.20		Light brown gravelly fine to coarse SAND. Gravel is subrounded to rounded fine to medium flint.			
3.50 - 3.95	B	SPT(C) 3.50m, N=22			(3.20)		KEMPTON PARK GRAVEL MEMBER	3		
4.20	D				4.20		Yellowish brown sandy subrounded to rounded fine to medium GRAVEL. Sand is fine to coarse.			
4.50	ES	SPT(C) 4.50m, N=15			(3.20)		KEMPTON PARK GRAVEL MEMBER	4		
4.50 - 4.95	B	(2,2/3,4,3,5)			5.20			5		
6.00 - 6.45	B	SPT(C) 6.00m, N=36			6.40		Grey fine CLAYSTONE.			
6.70	D	(1,2/3,5,5,23)			(0.30)		LONDON CLAY FORMATION			
7.00	D				6.70		Firm brownish grey CLAY.			
7.50 - 7.95	SPTL S	SPT(S) 7.50m, N=19					LONDON CLAY FORMATION <i>From 7.0m bgl. Becoming stiff.</i>	6		
8.50	D	(2,3/4,5,5,5)						7		
9.00 - 9.45	U							8		
10.00	D							9		

Start & End of Shift Observations					Installation					Remarks:								
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.								
					1	0.00	1.00	PLAIN SLOTTED	50									
										Water Strikes								
Chiselling					Borehole Diameter				Casing Diameter				Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	5.70	5.50	7.00	20	4.60			
					15.00	150	7.00	150										
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																		



Contract Name: West King Street Renewal			Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH105				
Contract Number: JER1957		Start Date: 18/05/2019		End Date: 19/05/2019		Checked By: LH		Status: DRAFT		
Cable Percussion Borehole Log			Easting: 522687.0		Northing: 178448.0		Ground Level:		Plant Used: Cable Percussion Drilling Rig.	
							Logged By: MH		Scale: 1:50	

Weather: Cloudy Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description		Water Strike	Backfill/Installation
10.50 - 10.95	SPTL S	SPT(S) 10.50m, N=26 (2,4/6,6,7,7)								
11.50	D									
12.00 - 12.50	U				(8.30)					
13.00	D									
13.50 - 13.95	SPTL S	SPT(S) 13.50m, N=29 (3,4/6,6,8,9)								
14.50	D									
15.00 - 15.45	U				15.00		End of Borehole at 15.00m			

Start & End of Shift Observations					Installation					Remarks:								
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.								
					1	0.00	1.00	PLAIN	50									
					1	1.00	7.00	SLOTTED	50									
										Water Strikes								
Chiselling					Borehole Diameter				Casing Diameter				Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	5.70	5.50	7.00	20	4.60			
					15.00	150	7.00	150										
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																		



Contract Name: West King Street Renewal			Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH106		
Contract Number: JER1957	Start Date: 02/05/2019	End Date: 02/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1			
Cable Percussion Borehole Log		Easting: 522642.5	Northing: 178516.4	Ground Level: 5.38mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50	

Weather: Fine Termination: Borehole terminated due to concrete obstruction at 4.40mbgl.

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
				4.28	(1.10)		Light brown gravelly silty fine to coarse sand with frequent angular red brick cobbles. Gravel is angular to subangular fine to coarse of concrete and brick. MADE GROUND	1		
					(1.90)		Dark grey clayey gravelly sandy silt with frequent wood fragments. Gravel is angular to subangular fine to coarse of brick, concrete, clinker and breezeblock. Sand is fine to coarse. MADE GROUND	2		
				2.38	(1.40)		Grey clayey silty fine to coarse sand. Gravel is angular to subangular fine to coarse of vermiculite, breezeblock, concrete and brick. MADE GROUND	3		
				0.98	(1.40)		End of Borehole at 4.40m	4		
								5		
								6		
								7		
								8		
								9		
								10		

Start & End of Shift Observations					Installation					Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.					
										Water Strikes					
Chiselling					Borehole Diameter		Casing Diameter		Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)							
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017															



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH107	
Contract Number: JER1957	Start Date: 03/05/2019	End Date: 03/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Cable Percussion Borehole Log		Easting: 522657.7	Northing: 178531.0	Ground Level: 4.95mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
Weather: Fine		Termination: Borehole achieved required depth.		SPT Hammer: N/R, Energy Ratio: N/R		
Scale: 1:50						

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
0.50	B						Light brown gravelly silty sandy angular brick cobbles. Gravel is angular to subangular fine to coarse of concrete and brick. Sand is fine to coarse. MADE GROUND		
1.00	B				(2.50)			1	
1.50 - 1.95	B	SPT(C) 1.50m, N=17 (20,12/8,3,3,3)						2	
2.20	D								
2.50 - 2.95	B	SPT(C) 2.50m, 35 (6,9/35 for 200mm)		2.45	2.50 (0.30)		Orange brown silty gravelly fine to coarse SAND with rare rubber fragments. Gravel is subangular to subrounded fine to medium of flint, concrete and brick. MADE GROUND	3	
3.20	D			2.15	2.80		Medium dense orange brown black speckled gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to medium flint. KEMPTON PARK GRAVEL MEMBER		
3.50 - 3.95	B	SPT(C) 3.50m, N=17 (2,2/2,4,5,6)			(1.20)				
4.20	D			0.95	4.00		Medium dense orange brown slightly gravelly fine to medium occasionally coarse SAND. Gravel is angular to subrounded fine to medium flint. KEMPTON PARK GRAVEL MEMBER	4	
4.50 - 4.95	B	SPT(C) 4.50m, N=14 (2,3/3,3,4,4)						5	
5.20	D				(2.60)				
6.00 - 6.45	B	SPT(C) 6.00m, N=17 (2,3/3,4,4,6)						6	
6.60	D			-1.65	6.60 (0.40)		Soft brown slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded fine flint. Sand is medium to coarse. LONDON CLAY FORMATION		
7.00	D			-2.05	7.00		Stiff greyish brown silty CLAY with occasional dark grey silty pockets (30mm x 30mm) and grey burrowing features (0.5mm x 3mm). LONDON CLAY FORMATION	7	
7.50 - 7.95	B	SPT(S) 7.50m, N=17 (3,3/3,4,5,5)			(1.00)				
				-3.05	8.00		End of Borehole at 8.00m	8	
								9	
								10	

Start & End of Shift Observations				Installation				Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.			
					1	0.00	3.00	PLAIN	50				
						3.00	7.50	SLOTTED	50				
Chiselling					Borehole Diameter				Casing Diameter				
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				8.00	150	7.00	150	5.70	5.70		20	4.50	
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017													



Contract Name: West King Street Renewal			Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH108		
Contract Number: JER1957	Start Date: 01/05/2019	End Date: 01/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1			
Cable Percussion Borehole Log		Easting: 522637.5	Northing: 178504.0	Ground Level: 5.09mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50	

Weather: Cloudy Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
0.50	B			4.59	0.50	(0.50)	Light brown slightly silty gravelly sandy angular cobbles of concrete and brick. Gravel is angular to subangular fine to coarse of concrete, brick, clinker, flint and chalk. Sand is fine to coarse.		
0.50	ES				(0.30)		MADE GROUND		
0.60	ES			4.29	0.80		Soft dark brown sandy gravelly clayey SILT. Gravel is angular to subangular fine to coarse of flint, brick, clinker, chalk and concrete. Sand is fine to coarse.		
1.00	B						MADE GROUND		
1.50 - 1.95	B	SPT(C) 1.50m, N=7 (1,1/1,2,2,2)			(1.15)		Soft orangey brown slightly sandy slightly gravelly clayey silt. Gravel is angular to subangular fine to coarse of clinker, concrete, flint and rare chalk. Sand is fine to coarse.		
				3.14	1.95		Soft orange brown slightly sandy clayey silt with rare angular to subangular fine to coarse gravel fragments of flint, clinker, brick, concrete and chalk. Sand is fine to medium.		
2.20	D				(1.00)		MADE GROUND		
2.20	ES						Relict plant rootlets		
2.50 - 2.95	B	SPT(C) 2.50m, N=7 (1,2/2,2,2,1)							
				2.14	2.95		Medium dense orange brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to medium flint.		
3.20	D						KEMPTON PARK GRAVEL MEMBER		
3.50 - 3.95	B	SPT(C) 3.50m, N=14 (1,2/3,3,3,5)							
4.20	D								
4.50 - 4.95	B	SPT(C) 4.50m, N=13 (2,3/3,4,3,3)			(3.85)				
6.00 - 6.45	B	SPT(C) 6.00m, N=37 (5,8/15,22,..)							
6.45	ES						From 6.0m bgl. Becoming dense.		
6.80	D			-1.71	6.80		Firm dark brown silty CLAY with medium to coarse sandy pockets.		
7.00	D			-1.91	7.00		LONDON CLAY FORMATION		
							Stiff dark grey silty CLAY.		
7.50	D				(1.00)		LONDON CLAY FORMATION		
8.00 - 8.45	SPTL S	SPT(S) 8.00m, N=18 (3,4/4,4,5,5)			-2.91	8.00	End of Borehole at 8.00m		

Start & End of Shift Observations					Installation					Remarks:				
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.				
					1	0.00	1.00	PLAIN	50					
					1	1.00	7.00	SLOTTED	50					
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes	
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	
				8.00	150	7.00	150	6.70		7.00	20	5.10		
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017														



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH109	
Contract Number: JER1957	Start Date: 29/04/2019	End Date: 30/04/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Cable Percussion Borehole Log		Easting: 552636.0	Northing: 178485.0	Ground Level:	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
Weather: Cloudy		Termination: Borehole achieved required depth.		SPT Hammer: N/R, Energy Ratio: N/R		

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
0.25	ES				0.10		Tarmacadam.			
0.40	ES				(0.35)		TARMACADAM			
0.50	B				0.45		Brown slightly sandy angular to subangular fine to coarse gravel of brick, clinker and concrete with frequent brick cobbles.			
1.00	B				(0.55)		MADE GROUND			
1.50 - 1.95	B	SPT(C) 1.50m, N=9 (1,1/2,2,2,3)			1.00		Soft brown slightly gravelly slightly sandy silt with frequent black ash fragments. Gravel is angular to subangular fine to medium of flint, brick and concrete. Sand is fine to coarse.	1		
2.20	D						MADE GROUND			
2.50 - 2.95	B	SPT(C) 2.50m, N=37 (4,5/8,10,10,9)			(1.50)		Soft light brown slightly gravelly slightly sandy clayey silt. Gravel is subangular to subrounded fine to coarse of brick, chalk, flint and clinker. Sand is fine.	2		
3.20	D						MADE GROUND			
3.50 - 3.95	B	SPT(C) 3.50m, 30 (8,18/30 for 100mm)			2.50		Stiff light brown sandy gravelly SILT. Gravel is fine to coarse subangular to subrounded of flint. Sand is fine to coarse.	3		
4.20	D				(0.70)		KEMPTON PARK GRAVEL MEMBER			
4.50 - 4.95	ES B	SPT(C) 4.50m, N=21 (3,4/5,5,6,5)			3.20		Medium dense light orange brown slightly silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint.	4		
5.20	D						KEMPTON PARK GRAVEL MEMBER			
6.00 - 6.45	B	SPT(C) 6.00m, N=14 (3,3/4,3,4,3)			4.00			5		
7.00	D									
7.20	D				7.20		Firm light orange brown slightly sandy silty CLAY with rare gravel. Gravel is subangular to subrounded fine to medium of flint. Sand is fine to coarse.	7		
7.50 - 7.98	B	SPT(S) 7.50m, N=16 (3,3/3,4,4,5)			(0.75)		LONDON CLAY FORMATION			
					8.00		Stiff dark greyish brown silty CLAY, LONDON CLAY FORMATION	8		
							End of Borehole at 8.00m			

Start & End of Shift Observations					Installation					Remarks:				
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.				
					1	0.00	1.00	PLAIN	50					
					1	1.00	7.50	SLOTTED	50					
Chiselling					Borehole Diameter					Casing Diameter				
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	
				8.00	150	8.00	150	6.40	6.40		0			
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017														



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH110	
Contract Number: JER1957	Start Date: 02/05/2019	End Date: 07/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 3	
Cable Percussion Borehole Log		Easting: 522644.6	Northing: 178449.4	Ground Level: 5.17mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG
		Termination: Borehole achieved required depth.			SPT Hammer: N/R, Energy Ratio: N/R	
					Scale: 1:50	

Weather: Overcast

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
				5.12	0.05		Tarmacadam.		
					(0.35)		TARMACADAM		
0.50	B			4.77	0.40		Dark brown black gravelly silty fine sand with occasional angular red brick cobble fragments. Gravel is subangular to subrounded fine to coarse of brick, tarmacadam and concrete.		
1.00	B				(1.60)		MADE GROUND	1	
1.50 - 1.95	B						Reddish brown black gravelly silty fine to medium sand with occasional red brick cobbles. Gravel is angular to subangular fine to coarse of brick, flint and concrete.		
2.00	D			3.17	2.00		MADE GROUND	2	
2.50 - 2.95	B	SPT(C) 2.50m, N=35 (2.1/6,10,9,10)		2.57	2.60		Brown silty gravelly fine to coarse SAND. Gravel is angular to subangular fine to medium of flint, concrete and clinker.		
3.00	D				(0.60)		MADE GROUND		
3.50	B	SPT(C) 3.50m, 50 (4,7/50 for 270mm)					Medium dense orange brown gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse flint. Rare cobble of rounded flint.		
4.00	D						KEMPTON PARK GRAVEL MEMBER		
4.50 - 4.95	B	SPT(C) 4.50m, N=22 (3,5/5,4,5,8)			(4.30)				
5.20	D								
6.00 - 6.45	B	SPT(C) 6.00m, N=22 (3,4/5,5,5,7)							
6.75	D			-1.73	6.90		Grey claystone.		
6.90	D			-1.93	7.10		LONDON CLAY FORMATION		
7.10	D				(0.30)		Firm dark orange brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine flint. Sand is medium to coarse.		
7.50 - 7.95	SPTL S	SPT(S) 7.50m, N=20 (2,3/4,5,5,6)		-2.23	7.40		LONDON CLAY FORMATION		
							Stiff greyish dark brown silty CLAY.		
							LONDON CLAY FORMATION		
8.25	D								
9.00 - 9.45	U								
9.50	D								

Start & End of Shift Observations				Installation				Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.			
					1	0.00	1.00	PLAIN	50				
						1.00	8.00	SLOTTED	50				
Chiselling				Borehole Diameter				Casing Diameter					
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				30.00	150	7.30	150	5.40	5.40		20	4.85	
Water Strikes													
RPS CP Template				Issue Number: 1				Issue Date: 13/09/2017					



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH110	
Contract Number: JER1957	Start Date: 02/05/2019	End Date: 07/05/2019	Checked By: LH	Status: DRAFT	Sheet 2 of 3	
Cable Percussion Borehole Log	Easting: 522644.6	Northing: 178449.4	Ground Level: 5.17mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Overcast Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
10.50 - 10.95	SPTL S	SPT(S) 10.50m, N=25 (3,4/5,6,7,7)								
11.25	D									
12.00 - 12.45	U									
12.50	D									
13.50 - 13.95	SPTL S	SPT(S) 13.50m, N=27 (3,5/6,6,7,8)								
14.25	D									
15.00 - 15.45	U				(22.60)					
15.50	D									
16.50 - 16.95	SPTL S	SPT(S) 16.50m, N=32 (4,6/6,7,9,10)								
17.25	D									
18.00 - 18.45	U									
18.50	D									
19.50 - 19.95	SPTL S	SPT(S) 19.50m, N=37 (5,6/7,8,10,12)								

Start & End of Shift Observations					Installation					Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.					
					1	0.00	1.00	PLAIN SLOTTED	50						
										Water Strikes					
Chiselling					Borehole Diameter		Casing Diameter		Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	5.40	5.40		20	4.85		
					30.00	150	7.30	150							
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017															



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH110	
Contract Number: JER1957	Start Date: 02/05/2019	End Date: 07/05/2019	Checked By: LH	Status: DRAFT	Sheet 3 of 3	
Cable Percussion Borehole Log	Easting: 522644.6	Northing: 178449.4	Ground Level: 5.17mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG	Scale: 1:50

Weather: Overcast Termination: Borehole achieved required depth. SPT Hammer: N/R, Energy Ratio: N/R

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
20.25	D					X				
21.00 - 21.45	U					X		21		
21.50	D					X				
22.50 - 22.95	SPTL S	SPT(S) 22.50m, N=42 (5,7/8,9,11,14)				X				
23.25	D					X		22		
24.00 - 24.45	U					X				
24.50	D					X		24		
25.50 - 25.95	SPTL S	SPT(S) 25.50m, N=46 (6,8/9,11,12,14)				X				
26.25	D					X		25		
27.00 - 27.45	U					X				
27.50	D					X		26		
28.50 - 28.95	SPTL S	SPT(S) 28.50m, 50 (6,9/50 for 125mm)				X	Band of claystone.			
29.00	D					X		27		
29.50 - 29.95	U					X				
30.00	D			-24.83	30.00	X	End of Borehole at 30.00m	28		

Start & End of Shift Observations					Installation					Remarks:								
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.								
					1	0.00	1.00	PLAIN	50									
					1	1.00	8.00	SLOTTED	50									
Chiselling					Borehole Diameter				Casing Diameter				Water Strikes			Remarks		
From (m)	To (m)	Duration	Remarks		Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)					
					30.00	150	7.30	150	5.40	5.40		20	4.85					
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017																		



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: BH111	
Contract Number: JER1957	Start Date: 08/05/2019	End Date: 09/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Cable Percussion Borehole Log		Easting: 522701.6	Northing: 178414.3	Ground Level: 5.00mOD	Plant Used: Cable Percussion Drilling Rig.	Logged By: JG/MH
Weather: Rain and overcast		Termination: Borehole achieved required depth.		SPT Hammer: N/R, Energy Ratio: N/R		

Samples & In Situ Testing				Strata Details				Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation
0.50	B			4.80	0.20		Tarmacadam. TARMACADAM		
1.00	B			4.00	1.00		Dark brown slightly sandy gravelly clayey SILT. Gravel is angular to subangular fine to coarse of tarmacadam, clinker, brick, concrete and flint. Sand is fine to coarse. MADE GROUND	1	
1.50 - 1.95	B	SPT(C) 1.50m, N=6 (0,1/1,1,2,2)			(1.20)		Soft brown slightly gravelly clayey SILT. Gravel is angular to rounded fine to medium of flint, brick, chalk and clinker. MADE GROUND	2	
2.20	D			2.80	2.20		Firm orange brown slightly gravelly sandy SILT. Gravel is angular fine flint. Sand is fine. KEMPTON PARK GRAVEL MEMBER		
2.50 - 2.95	B	SPT(C) 2.50m, N=17 (2,3/3,4,4,6)			(1.00)		Medium dense to dense orange brown gravelly fine to coarse SAND. Gravel is angular to subangular fine flint. KEMPTON PARK GRAVEL MEMBER		
3.20	D			1.80	3.20		Firm grey brown CLAY. LONDON CLAY FORMATION		
3.50 - 3.95	B	SPT(C) 3.50m, N=36 (4,5/8,8,10,10)					Firm grey brown CLAY. LONDON CLAY FORMATION		
4.20	D						Firm grey brown CLAY. LONDON CLAY FORMATION		
4.50 - 4.95	B	SPT(C) 4.50m, N=22 (2,5/5,6,6,5)			(3.50)		Firm grey brown CLAY. LONDON CLAY FORMATION		
5.20	D						Firm grey brown CLAY. LONDON CLAY FORMATION		
6.00 - 6.45	B	SPT(C) 6.00m, N=19 (2,3/5,5,5,4)					Firm grey brown CLAY. LONDON CLAY FORMATION		
6.70	D			-1.70	6.70		Firm grey brown CLAY. LONDON CLAY FORMATION		
7.00	D						Firm grey brown CLAY. LONDON CLAY FORMATION		
7.50 - 7.95	D	SPT(S) 7.50m, N=20 (2,3/4,5,5,6)			(1.30)		Firm grey brown CLAY. LONDON CLAY FORMATION		
				-3.00	8.00		End of Borehole at 8.00m		

Start & End of Shift Observations				Installation				Remarks:					
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Dia (mm)	1. Groundwater encountered. 2. Hand dug pit to 1.20mbgl.			
					1	0.00	1.00	PLAIN	50				
					1	1.00	7.00	SLOTTED	50				
Chiselling					Borehole Diameter				Casing Diameter				
From (m)	To (m)	Duration	Remarks	Depth (m)	Dia (mm)	Depth (m)	Dia (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
				8.00	150	7.00	150	5.00			20	4.00	
RPS CP Template Issue Number: 1 Issue Date: 13/09/2017													



Contract Name: West King Street Renewal			Client: A2 Dominion Developments Ltd and LBHF			Borehole ID: WS104		
Contract Number: JER1957	Start Date: 08/05/2019	End Date: 08/05/2019	Checked By: LH	Status: DRAFT		Sheet 1 of 1		
Windowless Borehole Log		Easting:	Northing:	Ground Level:	Plant Used: Hand held window sampler	Logged By: JG	Scale: 1:25	

Weather: Overcast Termination: Window sample achieved required depth.

Samples & In Situ Testing				Strata Details					Groundwater	
Depths	Type/Ref	SPT	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description	Water Strike	Backfill/Installation	
0.60			PID 0.60m, 0.0ppm		(0.30)		Grass over very soft slightly gravelly slightly silty clay. Gravel is angular to subangular fine to medium of concrete, brick and flint. Sand is medium to coarse. MADE GROUND			
					0.30		Firm to very soft grey sandy gravelly silty clay. Gravel is angular to subangular fine to coarse of flint, brick and concrete. Sand is fine to coarse. MADE GROUND			
0.90			PID 0.90m, 0.0ppm		(0.50)		MADE GROUND			
					0.80		Very soft brown slightly sandy slightly gravelly SILT with occasional black ash pockets. Gravel is angular to subangular fine to coarse of chalk, flint and brick. Sand is fine. MADE GROUND	1		
					(0.85)		MADE GROUND			
					1.65		Orange brown clayey sandy SILT. Gravel is angular to subangular fine to medium flint. KEMPTON PARK GRAVEL MEMBER			
					(0.35)		MADE GROUND			
					2.00		End of Borehole at 2.00m	2		
								3		
								4		
								5		

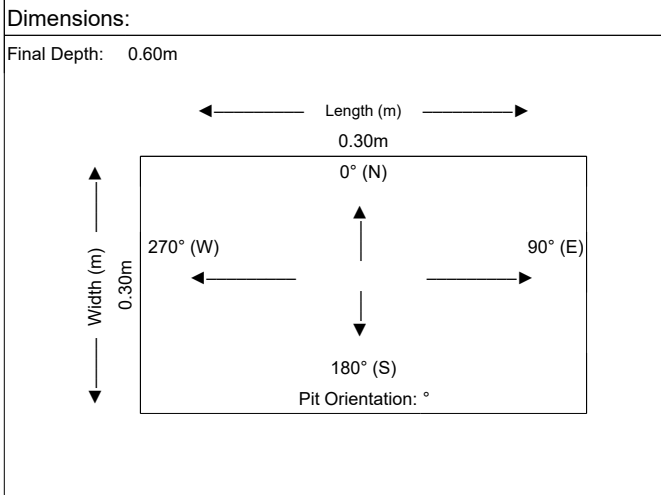
Start & End of Shift Observations					Installation					Remarks:								
Date	Time	Depth (m)	Casing (m)	Water (m)	Ref	Top (m)	Base (m)	Type	Diameter (mm)	No groundwater encountered.								
Windowless Sample Run Details					Casing					Water Strikes								
Test Number	Diameter (mm)	Depth Top (m)	Depth Base (m)	Recovery (%)	Depth (m)	Diameter (mm)	Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks						
RPS WLS Template													Issue Number: 2			Issue Date: 02/01/2018		



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP101	
Contract Number: JER1957	Start Date: 10/05/2019	End Date: 10/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Easting:		Northing:		Ground Level:	Plant Used: Hand tools	Logged By: MH
Trial Pit Log						Scale: 1:25

Weather: Fine Hole Termination: Hand pit terminated at 0.60mbgl due to possible cobble surface at base of pit. Stability: Stable throughout.

Samples & In Situ Testing				Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			
0.50	ES	PID 0.50m, 0.0ppm		0.05		Concrete paving slab. CONCRETE			
				0.25		Orange slightly gravelly fine to coarse sand. Gravel is medium angular flint. MADE GROUND			
				0.45		Concrete. CONCRETE			
				0.60		Orange brown sandy gravelly cobbles of brick. Gravel is angular fine to coarse of brick and concrete. Sand is fine to coarse. MADE GROUND			
						Black sandy angular fine to medium gravel of concrete, brick and tarmacadam. Sand is fine to coarse. MADE GROUND			
End of Trial Pit at 0.60m									



General Remarks:
No groundwater encountered.

Water Strikes	
Strike (m)	Remarks

RPS TP Template Issue Number: 1 Issue Date: 13/09/2017



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP102	
Contract Number: JER1957	Start Date: 10/05/2019	End Date: 10/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Easting: 522679.5	Northing: 178513.8	Ground Level: 4.87mOD	Plant Used: Hand tools	Logged By: MH	Scale: 1:25	
Weather: Sunny		Hole Termination: Hand pit achieved required depth.		Stability: Stable throughout.		

Samples & In Situ Testing			Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description		
1.00	ES	PID 1.00m, 0.0ppm	4.82	0.05		Concrete paving slab.	1	
			4.77	0.10		Orange fine sand.		
			4.67	0.20		Concrete.		
				(1.00)		Brown slightly clayey sandy angular to subangular fine to coarse gravel of brick, concrete, slate, tile and flint. Occasional cobbles of brick and concrete.		
			3.67	1.20		End of Trial Pit at 1.20m		
							2	
							3	

Dimensions:
Final Depth: 1.20m

Length (m) 0.30m
Width (m) 0.30m
Pit Orientation: °

General Remarks:
No groundwater encountered.

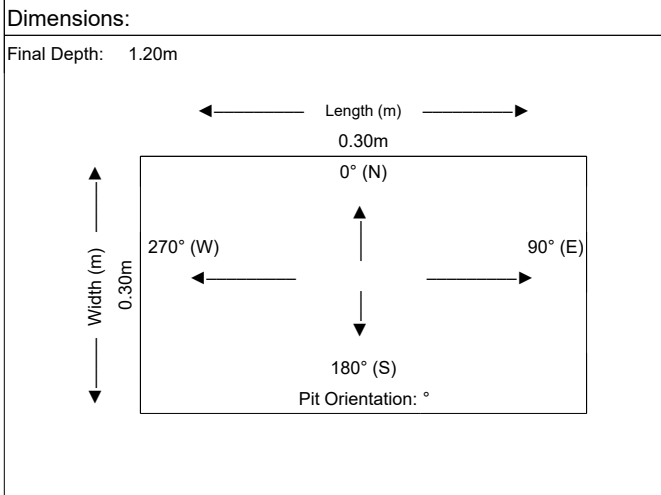
Water Strikes	
Strike (m)	Remarks

RPS TP Template Issue Number: 1 Issue Date: 13/09/2017



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP103	
Contract Number: JER1957	Start Date: 10/05/2019	End Date: 10/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Easting: 522634.5	Northing: 178481.3	Ground Level: 5.37mOD	Plant Used: Hand tools	Logged By: MH	Scale: 1:25	
Weather: Fine		Hole Termination: Hand pit achieved required depth.		Stability: Stable throughout.		

Samples & In Situ Testing				Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			
0.80	ES	PID 0.80m, 0.0ppm	5.07	(0.30)	[Cross-hatch pattern]	Grass over dark brown slightly gravelly sandy clay. Gravel is angular to subangular fine to medium of brick and flint. MADE GROUND	1	[Cross-hatch pattern]	
				0.30	[Cross-hatch pattern]	Light brown slightly clayey sandy fine to coarse angular to subrounded gravel of flint, brick, concrete, tarmacadam and occasional cobbles of brick and concrete. MADE GROUND			
			4.47	(0.60)	[Cross-hatch pattern]				
1.10	ES	PID 1.10m, 0.0ppm	4.17	(0.30)	[Cross-hatch pattern]	Brown speckled white gravelly clay. Gravel is angular to subangular fine to medium of chalk, flint and brick. MADE GROUND	2	[Cross-hatch pattern]	
			4.17	1.20		End of Trial Pit at 1.20m			
							3		



General Remarks:
No groundwater encountered.

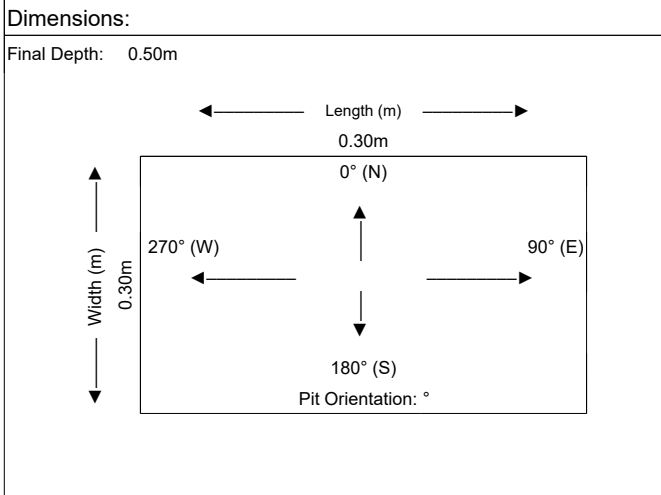
Water Strikes	
Strike (m)	Remarks

RPS TP Template Issue Number: 1 Issue Date: 13/09/2017



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP105	
Contract Number: JER1957	Start Date: 08/05/2019	End Date: 08/05/2019	Checked By: LH	Status: DRAFT		Sheet 1 of 1
Easting:		Northing:		Ground Level:	Plant Used: Hand tools	Logged By: JG
Weather: Overcast		Hole Termination: Hand pit terminated at 0.50m bgl due to access restrictions.			Stability: Stable throughout.	

Samples & In Situ Testing				Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			
0.35	ES	PID 0.35m, 4.3ppm		(0.50)		Bark chippings over brown slightly gravelly silty organic fine to coarse sand with frequent plant rootlets. Gravel is angular to subangular fine to coarse of flint, concrete and tarmacadam. MADE GROUND			
				0.50		End of Trial Pit at 0.50m			



General Remarks:
No groundwater encountered.

Water Strikes	
Strike (m)	Remarks

RPS TP Template Issue Number: 1 Issue Date: 13/09/2017



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP106	
Contract Number: JER1957	Start Date: 08/05/2019	End Date: 08/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Easting: 522642.3	Northing: 178422.8	Ground Level: 5.56mOD	Plant Used: Hand tools	Logged By: JG	Scale: 1:25	

Weather: Overcast Hole Termination: Hand pit terminated at 1.20m bgl due to concern of services surrounding location. Stability: Stable throughout

Samples & In Situ Testing			Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description		
0.60	ES	PID 0.60m, 0.1ppm	5.51	0.05	[Cross-hatch pattern]	Tarmacadam. TARMACADAM	1	[Cross-hatch pattern]
				(0.45)		Dark brown black slightly gravelly silty fine to coarse sand. Gravel is subangular to subrounded fine to medium of concrete, flint and brick. MADE GROUND		
			5.06	0.50	[Cross-hatch pattern]	Brown slightly sandy slightly gravelly clay. Gravel is angular to subangular fine to coarse of brick, flint, clinker and concrete. Sand is fine to coarse. MADE GROUND		
	(0.70)							
			4.36	1.20		End of Trial Pit at 1.20m	2	
							3	

Dimensions:
Final Depth: 1.20m

Length (m): 0.30m
Width (m): 0.30m
Pit Orientation: 0°

General Remarks:
No groundwater encountered.



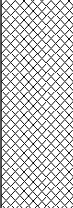
Water Strikes	
Strike (m)	Remarks

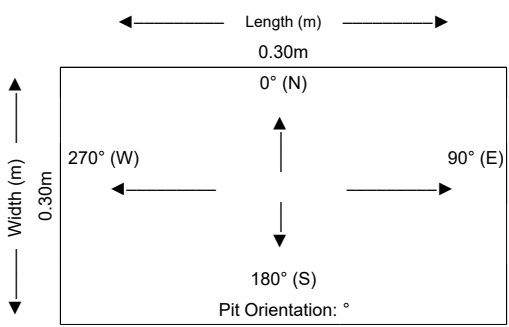
RPS TP Template Issue Number: 1 Issue Date: 13/09/2017



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP107	
Contract Number: JER1957	Start Date: 10/05/2019	End Date: 10/05/2019	Checked By: LH	Status: DRAFT		Sheet 1 of 1
Easting:		Northing:		Ground Level:	Plant Used: Hand tools	Logged By: MH
Trial Pit Log						Scale: 1:25

Weather: Fine Hole Termination: Hand pit terminated at 0.90mbgl due to concrete across the base of the pit. Stability: Stable throughout.

Samples & In Situ Testing				Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			
0.50	ES	PID 0.50m, 0.0ppm		0.05 0.10 (0.80) 0.90	  	Concrete paving slab. CONCRETE Orange fine sand. Brown clayey sandy fine to coarse angular to subangular gravel of flint, brick, concrete and tile. Frequent cobbles of brick. MADE GROUND			
End of Trial Pit at 0.90m									

Dimensions: Final Depth: 0.90m 	General Remarks: No groundwater encountered.
Water Strikes	
Strike (m)	Remarks
RPS TP Template Issue Number: 1 Issue Date: 13/09/2017	



Contract Name: West King Street Renewal		Client: A2 Dominion Developments Ltd and LBHF			Trial Pit ID: HP108	
Contract Number: JER1957	Start Date: 10/05/2019	End Date: 10/05/2019	Checked By: LH	Status: DRAFT	Sheet 1 of 1	
Easting:		Northing:		Ground Level:	Plant Used: Hand tools	Logged By: MH

Trial Pit Log

Scale: 1:25

Weather: Fine Hole Termination: Hand pit terminated at 0.60mbgl due to limited working space. Stability: Stable throughout.

Samples & In Situ Testing				Strata Details				Water	Backfill
Depths	Type/Ref	Testing	Level (mAOD)	Depth (m) (Thickness)	Legend	Strata Description			
0.60	ES	PID 0.60m, 0.0ppm		0.20		Brown sandy gravelly clay. Gravel is angular fine of brick and flint. Sand is fine.	1		
				0.40		Brown clayey gravelly fine sand. Gravel is angular fine of brick and flint.			
				0.50		Bricks.			
				0.60		Brown clayey gravelly fine sand. Gravel is angular fine of brick and flint.			
End of Trial Pit at 0.60m							2		
							3		

Dimensions:
Final Depth: 0.60m

Length (m) 0.30m
Width (m) 0.30m
Pit Orientation: °

General Remarks:
No groundwater encountered.

Water Strikes	
Strike (m)	Remarks

RPS TP Template Issue Number: 1 Issue Date: 13/09/2017

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