

**KINGS MALL CAR PARK, GLENTHORNE
ROAD & WEST 45 BUILDING AT BEADON
ROAD, LONDON W6 0EW**

**SUMMARY OF AN ARCHAEOLOGICAL
EVALUATION**

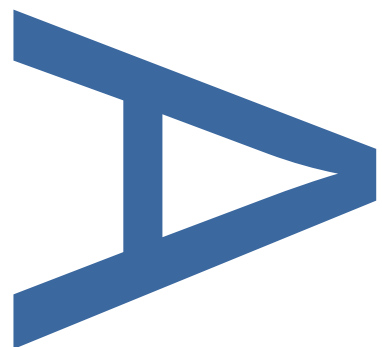
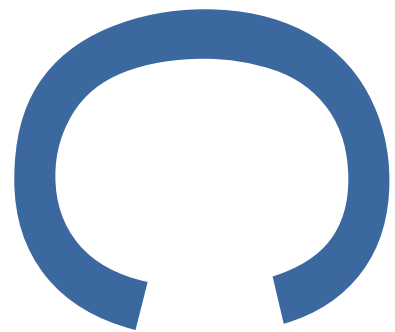
**PLANNING APPLICATION NUMBER:
2012/03546/FUL**

**LOCAL PLANNING AUTHORITY:
LONDON BOROUGH OF HAMMERSMITH AND
FULHAM**

PCA REPORT NO: R12674

SITE CODE: KMV14

OCTOBER 2016



PRE-CONSTRUCT ARCHAEOLOGY

**KINGS MALL CAR PARK, GLENTHORNE ROAD & WEST 45 BUILDING AT
BEADON ROAD, LONDON W6 0EW
A SUMMARY OF AN ARCHAEOLOGICAL EVALUATION**

PLANNING APPLICATION NUMBER: 2012/03546/FUL

LOCAL PLANNING AUTHORITY: London Borough of Hammersmith and Fulham

CENTRAL NGR: TQ 23082 78717

ARCHAEOLOGICAL SITE CODE: KMV14

COMMISSIONING CLIENT: CgMs Consulting

On behalf of: St George West London

**WRITTEN BY: Paw Jorgensen
Pre-Construct Archaeology Ltd, October 2016**

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1 INTRODUCTION

- 1.1 Three test pits, each approximately 2m by 4m in plan, and a larger 5m by 5m trench were excavated by Pre-Construct Archaeology Limited (PCA) at the site of the Kings Mall Car Park, Glenthorne Road and Beadon Road in the London Borough of Hammersmith and Fulham between the 12th and the 16th of May 2014. The investigation was centred at TQ 2309 7869 (Figure 1).
- 1.2 The works was undertaken in accordance with a Written Scheme of Investigation prepared by PCA (Moore 2013). Both the trench and the test pits were excavated by machine fitted with a flat bladed grading bucket. A Leica GPS system was used to set out the test pits and the trench, which were located as follows (also see Figure 1):

Test Pit	Centre easting	Centre northing	Approximate Surface Elevation
TP1	523095.338	178720.519	3.90m OD
TP2	523091.590	178738.673	3.90m OD
TP3	523119.301	178720.538	3.90m OD
Trench 1	523104.222	178707.314	3.90m OD

- 1.3 The site occupies a plot of land which previously stood as the Kings Mall car park and the West 45 Building. Historically, the site remained as farmland until the second half of the 19th century when the area was developed with roads, houses and gardens. A previous geotechnical investigation had identified a likely palaeochannel bisecting the site and the test pits and the trench executed during the current investigation were all positioned over the likely channel in order to delineate its extent.
- 1.4 PCA were commissioned for the work by CgMs Consulting acting on behalf of St George West London. The project was managed for PCA by Chris Mayo and supervised by the author.
- 1.5 The project was monitored on behalf of the local planning authority by the Greater London Archaeological Advisory Service (GLAAS) at Historic England.

2 ARCHAEOLOGICAL RESULTS

2.1 Test Pit 1

2.1.1 Within Test Pit 1, the earliest deposit encountered comprised firm to stiff mid- to dark bluish grey sandy clay, which was first seen at a height of -0.40m OD. This had the appearance of weathered London Clay, and the deposit was excavated to a height of circa -1.00m OD. Sealing this was an alluvial deposit comprising soft fine grained dark brown peaty sandy silt with very occasional small sub-rounded stones. This was first encountered at a height of approximately -0.10m OD. It was in turn sealed by a 0.50m-thick waterlain deposit comprising moderately loose mid-grey fine silty sand first seen at +0.40m OD. This was superseded by another alluvial deposit comprising soft mid- to dark grey fine grained sandy silt to sandy clay first observed at +2.50m OD. Overlying this at a maximum height of +2.90m OD was a brickearth like deposit of mottled mid-grey and reddish brown coarse grained sandy clay with very occasional small sub-rounded stones. Sealing this deposit was a 0.50m-thick layer of modern made ground followed by the present concrete slab.

2.2 Test Pit 2

2.2.1 This test pit was excavated to a lowest level of +0.90m OD. The earliest deposit seen was the natural gravel, consistent with the Kempton Park Gravels, which underlie the area. It comprised moderately poorly to poorly sorted medium to fine sub-rounded flint gravel in a loose coarse grained reddish brown sand matrix. This deposit was first seen at a height of +1.40m OD and was overlain directly by late post-medieval or modern made ground consisting of dark greyish brown sandy silt with frequent pockets of brick and concrete rubble, extending to the current ground surface

2.3 Test Pit 3

2.3.1 Test Pit 3 was excavated to a depth of +0.90m OD. The lower 0.30m of the stratigraphic sequence consisted of a deposit of natural gravel identical to that seen in Test Pit 2. However, here it was overlain by an alluvial deposit comprising soft mottled reddish brown and light bluish grey slightly sandy clay with frequent iron staining reaching a height of +1.60m OD. Sealing this was another 0.50m thick alluvial deposit comprising slightly sandy light grey clay with frequent iron staining. Overlying this was a 0.50m-thick brickearth-like deposit identical to that in Test Pit 1. The upper part of the sequence was comprised of modern made ground sealed by the concrete slab forming the current ground surface.

2.4 Trench 1

2.4.1 In Trench 1, at a height of +2.08m OD, the earliest deposit encountered was a layer of soft light brownish-grey silty alluvial clay, [3], with very occasional small angular clay stone and frequent iron staining throughout. This was sealed at a height of +2.88m OD by a layer of horticultural soil comprising friable light greyish brown sandy silt with frequent small sub-angular and sub-rounded stones [2]. In the western part of the trench, the horticultural soil was truncated by a

north-south aligned 19th century brick wall, [1]. The brick base of a fireplace extended to the west from the wall in the northwest corner of the trench.



West facing section in Test Pit 2



Overview of Test Pit 3. Looking east-southeast.



Overview of Trench 1 (1m scale). Looking north.

3 CONCLUSIONS

- 3.1 The excavated trench and test pits have demonstrated that widespread truncation has occurred across the site in the 19th and 20th century. It was anticipated in an Archaeological Impact Assessment (Hawkins 2013) that gravel quarrying was likely to have had a significant impact on the buried archaeological resource; however in two of the three test pits excavated, a brickearth-like deposit (Langley silt) survived over the Kempton Park gravels or alluvial silts, which demonstrate that at least some parts of the site had not been subject to quarrying.
- 3.2 This geotechnical work discovered alluvial clays and peat in a number of the window samples carried out. This was seen as indicative of the presence of a palaeochannel bisecting the development site. The current investigation also identified alluvial deposits in all but Test Pit 2. In Test Pit 2, the Kempton Park gravel was overlain directly by modern made ground. The absence of alluvium along with the height of the gravels in this test pit suggests that it was not located within the channel. When considering the sequence uncovered during the current investigation along with the previous geotechnical investigation it seems likely that the palaeochannel was aligned approximately west to east towards the southern boundary of the site.

4 ACKNOWLEDGEMENTS

- 4.1 Pre-Construct Archaeology Limited would like to thank Duncan Hawkins of CgMs Consulting for commissioning the work and St George West London for facilitating and funding it.
- 4.2 The author thanks Chris Mayo for project management, PCA's field team for their work on site and Mark Roughley of PCA for the illustrations.

5 BIBLIOGRAPHY

Hawkins, D. 2013 'Archaeological Impact Assessment: Land at Kings Mall Car Park, Glenthorne Road & West 45 Building at Beadon Road, London, W6', unpublished report for CgMs Consulting

Moore, P. 2013 'Land at Kings Mall Car Park, Glenthorne Road & West 45 Building At Beadon Road, London, W6: Written Scheme of Investigation for an Archaeological and Geoarchaeological Investigation', unpublished report for Pre-Construct Archaeology Limited



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Figure 1
 Site Location
 1:20,000 at A4



 Geoarchaeological trial trench

 Geoarchaeological test pit

0  50m

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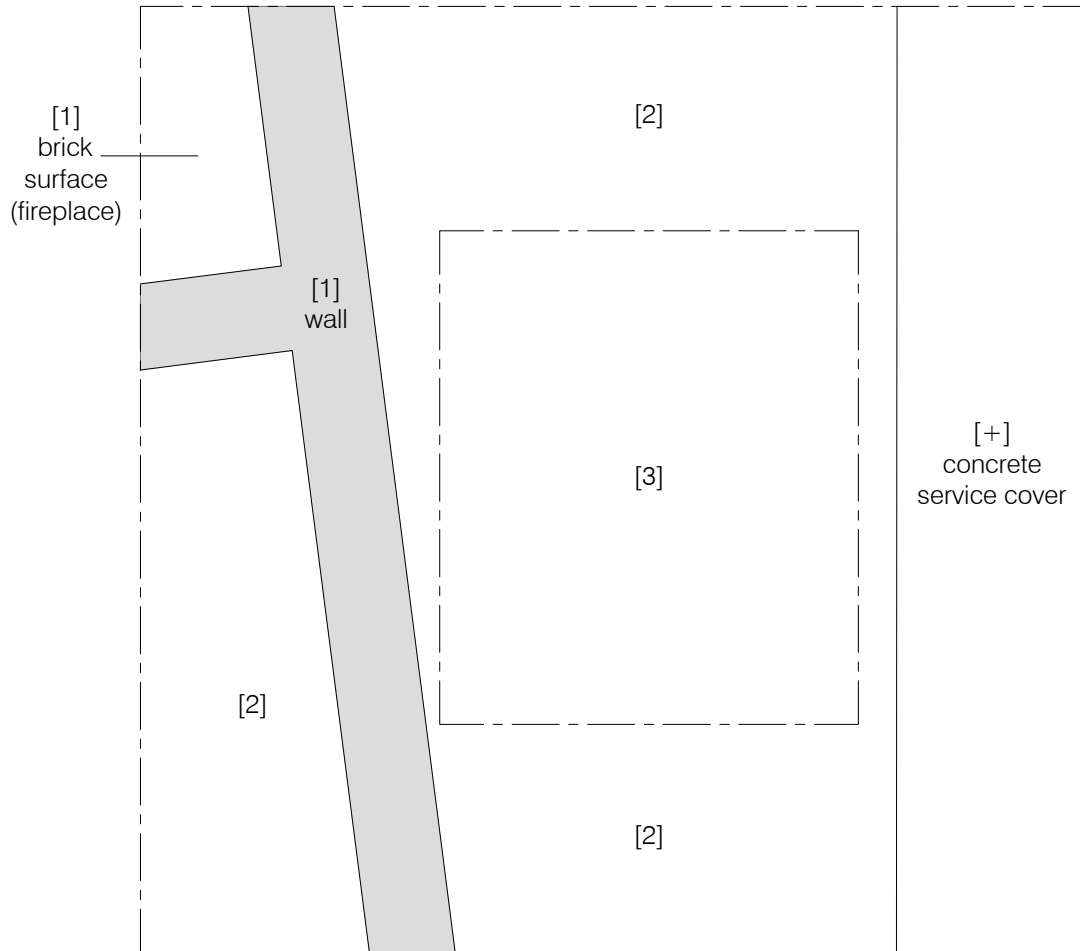
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Figure 2
Detailed Site Location
1:1,000 at A4



Trench 1



OASIS REPORT FORM

OASIS ID: preconst1-265453

Project details

Project name	Kings Mall Car Park and West 45 Building, Hammersmith
Short description of the project	The project saw the excavation of three geoarchaeological test pits and a larger trench measuring 5m by 5m in plan. A geotechnical investigation undertaken prior to the current phase of work indicated the presence of a palaeochannel running across the site. The interventions excavated during the geoarchaeological investigation were positioned to target this channel. All but one of the test pits encountered alluvium and other deposits alluding to the existence of a palaeochannel as suggested by the previous investigation. It also demonstrated the survival of a brickearth like deposit over the natural gravel.
Project dates	Start: 12-05-2014 End: 16-05-2014
Previous/future work	Yes / Yes
Any associated project reference codes	KMV14 - Sitecode
Any associated project reference codes	2012/03546/FUL - Planning Application No.
Type of project	Field evaluation
Site status	None
Current Land use	Other 2 - In use as a building
Monument type	WALL Post Medieval
Monument type	PALAEOCHANNEL Uncertain
Significant Finds	NONE None
Methods & techniques	"Targeted Trenches", "Test Pits"
Development type	Urban commercial (e.g. offices, shops, banks, etc.)
Development type	Urban residential (e.g. flats, houses, etc.)
Prompt	Planning condition
Position in the planning process	After full determination (eg. As a condition)

Project location

Country	England
Site location	GREATER LONDON HAMMERSMITH AND FULHAM HAMMERSMITH Land at Kings Mall Car Park, Glenthorne Road and West 45 Building at Beadon Road
Postcode	W6 0EW
Study area	1.03 Hectares
Site coordinates	TQ 2309 7869 51.493241235389 -0.226722171354 51 29 35 N 000 13 36 W Point
Lat/Long Datum	Unknown
Height OD / Depth	Min: 2.6m Max: 2.9m

Project creators

Name of Organisation	Pre-Construct Archaeology Limited
Project brief originator	Consultant
Project design originator	Peter Moore
Project director/manager	Chris Mayo
Project supervisor	Paw Jorgensen
Type of sponsor/funding body	Developer
Name of sponsor/funding body	St George West London

Project archives

Physical Archive Exists?	No
Digital Archive recipient	LAARC
Digital Archive ID	KMV14
Digital Contents	"Stratigraphic"

Digital Media available	"Images raster / digital photography", "Images vector", "Spreadsheets", "Survey", "Text"
Paper Archive recipient	LAARC
Paper Archive ID	KMV14
Paper Contents	"Stratigraphic"
Paper Media available	"Context sheet", "Plan", "Report", "Section"
Project bibliography 1	
Publication type	Grey literature (unpublished document/manuscript)
Title	A summary of the trench and test pits excavated at the site of the Kings Mall Car Park, Glenthorne Road and West 45 Building at Beadon Road, London W6
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Other bibliographic details	R12674
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Issuer or publisher	Pre-Construct Archaeology Limited
Place of issue or publication	London
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