

**SUTTON PALACE SUPERBOWL,
ST. NICHOLAS WAY, SUTTON**

**AN ARCHAEOLOGICAL WATCHING
BRIEF**

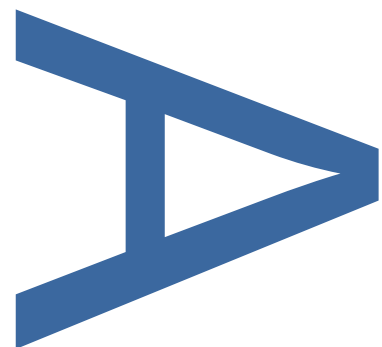
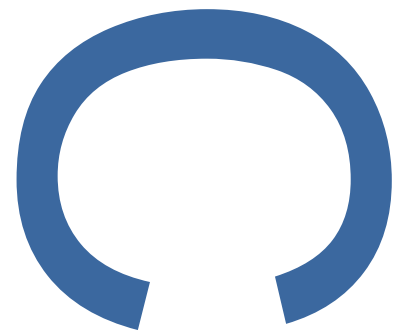
**LOCAL PLANNING AUTHORITY:
LONDON BOROUGH OF SUTTON**

**PLANNING APPLICATION NO:
B2016/74546**

SITE CODE: SNL17

PCA REPORT NO: R13059

OCTOBER 2017



PRE-CONSTRUCT ARCHAEOLOGY


DOCUMENT VERIFICATION

SUTTON PALACE SUPERBOWL,
ST. NICHOLAS WAY, SUTTON

AN ARCHAEOLOGICAL WATCHING BRIEF

Quality Control

Pre-Construct Archaeology Ltd	
Project Number	K5244
Report Number	R13059

	Name & Title	Signature	Date
Text Prepared by:	Leo Penades		October 2017
Graphics Prepared by:	Charlotte Faiers		October 2017
Project Manager Sign-off:	Chris Mayo		October 2017

Revision No.	Date	Checked	Approved

Pre-Construct Archaeology Limited
Unit 54
Brockley Cross Business Centre
96 Endwell Road
London
SE4 2PD

SUTTON PALACE SUPERBOWL, ST. NICHOLAS WAY, SUTTON
AN ARCHAEOLOGICAL WATCHING BRIEF

CENTRAL NGR: TQ 25825 64260

ARCHAEOLOGICAL SITE CODE: SNL17

COMMISSIONING CLIENT: CgMs Consulting

on behalf of: Tower Eight

WRITTEN BY: Leonardo Penades
Pre-Construct Archaeology Ltd

PROJECT MANAGER: Chris Mayo
Pre-Construct Archaeology Ltd

Contractor: Pre-Construct Archaeology Limited
Unit 54, Brockley Cross Business Centre
96 Endwell Road, Brockley
London SE4 2PD

Tel: 020 7358 8950 | 020 7732 3925

Email: cmayo@pre-construct.com

Website: www.pre-construct.com

© Pre-Construct Archaeology Limited

October 2017

© The material contained herein is and remains the sole property of Pre-Construct Archaeology Limited and is not for publication to third parties without prior consent. Whilst every effort has been made to provide detailed and accurate information, Pre-Construct Archaeology Limited cannot be held responsible for errors or inaccuracies herein contained.

CONTENTS

1	Abstract	3
2	Introduction	4
3	Planning Background	5
4	Geology And Topography	7
5	Archaeological And Historical Background	8
6	Methodology	9
7	Archaeological Results	10
7.1	<i>Test Pit 1</i>	10
7.2	<i>Test Pit 2</i>	10
7.3	<i>Test Pit 3</i>	11
7.4	<i>Test Pit 4</i>	12
8	Conclusions	13
9	Bibliography	13
10	Acknowledgements	13
	Appendix 1: Oasis Report Form	16
	Appendix 2: Matrix	18
	Plate 1: Test Pit 1, view to the east. Scale 1m.	10
	Plate 2: Test Pit 2, view to the east. Scale 1m.	11
	Plate 3: Test Pit 3, view to the south. Scale 1m.	11
	Plate 4: Test Pit 4, view to the east. Scale 1m.	12
	Figure 1: Site Location	14
	Figure 2: Detailed Site Location and Trench Locations	15

1 ABSTRACT

- 1.1 This report details the results of an archaeological watching brief undertaken by Pre-Construct Archaeology Limited during the excavation of four test pits at Sutton Palace Superbowl, Sutton, SM1 1AZ. The site is centred at National Grid Reference TQ 25825 64260 (Figure1). The watching brief was undertaken by Leonardo Penades between the 26th September and 3th October 2017.
- 1.2 Four test pits were excavated by groundworks contractor RMC under archaeological supervision to evaluate whether any archaeological remains had survived beneath the modern building.
- 1.3 In all cases, the test pits revealed layers of natural deposits on top of chalk bedrock covered and truncated by a platform of reinforced concrete. No archaeological features, finds or layers were observed.

2 INTRODUCTION

- 2.1 Pre-Construct Archaeology Ltd was commissioned by CgMs Consulting on behalf of Tower Eight to undertake an archaeological watching brief at Sutton Palace Superbowl, St Nicholas Way, Sutton SM1 1AZ. Five test pits were proposed for investigation within an approved Written Scheme of Investigation prepared by CgMs Consulting (Chipping 2016b); however only four of these were executed due to the clear absence of potential. The works were undertaken between the 26th September and 3rd October 2017.
- 2.2 CgMs Consulting has previously prepared an archaeological Desk-Based Assessment (Chipping 2016a); this confirmed that the site is located within two Archaeological Priority Areas as defined by the London Borough of Sutton, and concluded that the site has a medium/high potential for the medieval period, a low/medium potential for the post-medieval period and a low potential for all other periods.
- 2.3 In terms of relevant designated heritage assets, no World Heritage Sites, Scheduled Monuments, Historic Battlefield or Historic Wreck sites have been identified within the study site or its immediate vicinity.
- 2.4 Planning permission for the redevelopment of the site has been granted by the London Borough of Sutton under reference number B2016/74546; the consent included an archaeological condition. The client's archaeological consultants had agreed with Laura O'Gorman, archaeology advisor at the Greater London Archaeological Advisory Service (GLAAS), Historic England, that in the first instance an evaluation during test-pits would be enacted. This strategy was designed in a Written Scheme of Investigation prepared by CgMs Consulting (Chipping 2016b) and approved by GMAAS.
- 2.5 All works were undertaken in accordance with the Written Scheme of Investigation and the following guidance:
- MoRPHE (English Heritage, 2008).
 - Guidelines for Archaeological Projects in Greater London (Greater London Archaeological Advisory Service, Historic England, 2015).
 - 'Standard and guidance for archaeological field evaluation' (ClfA 2014)
- 2.6 Pre-Construct Archaeology Limited is a 'Registered Archaeological Organisation' (number 23) with the Institute of Field Archaeologists and operates within the Institute's 'Code of Practice'.
- 2.7 The archaeological work aimed to address the following objectives:
- To record the nature, extent, date, character, quality, significance and sate of preservation of any archaeological remains affected by the investigation.
 - To assess where appropriate the ecofactual and palaeo-environmental potential of archaeological deposits and features from within the site.

3 PLANNING BACKGROUND

- 3.1 The detailed planning background to the project is set out in the desk-based assessment (Chipping 2016a). The following represents a summary of that document.
- 3.2 National planning guidance is provided by Section 12 of the National Planning Policy Framework (NPPF), published in 2012. Regionally, guidance is provided by The London Plan, updated in 2015.
- 3.3 The Sutton Core Planning Strategy was adopted in December 2009. It contained Development Policy BP12, related to archaeology.
- 3.4 The Sutton Borough Council also adopted the Site Development Policies DPD, on 5 March 2012. Policy DM4 within the guidance is relevant to archaeology at the site. Planning permission to redevelop the site was granted under reference B2016/74546; it included the following condition relating to archaeology:

19 (A) NO DEVELOPMENT SHALL TAKE PLACE UNTIL THE APPLICANT (OR THEIR HEIRS AND SUCCESSORS IN TITLE) HAS SECURED THE IMPLEMENTATION OF A PROGRAMME OF ARCHAEOLOGICAL INVESTIGATION IN ACCORDANCE WITH A WRITTEN SCHEME OF INVESTIGATION (DESK BASED ASSESSMENT) WHICH HAS BEEN SUBMITTED BY THE APPLICANT AND APPROVED BY THE LOCAL PLANNING AUTHORITY IN WRITING.

B) WHERE THE DESK BASED ASSESSMENT REVEALS NEW DISCOVERIES AND/OR EFFECT ON THE SETTING OF HERITAGE ASSETS, NO DEVELOPMENT OR DEMOLITION SHALL TAKE PLACE BEFORE AN EVALUATION INVOLVING EXPLORATORY FIELD WORK HAS BEEN CARRIED OUT TO DETERMINE IF SIGNIFICANT REMAINS ARE PRESENT ON THE SITE AND IF SO TO DEFINE THEIR CHARACTER, EXTENT, QUALITY AND PRESERVATION IN ACCORDANCE WITH MEASURES IDENTIFIED IN THE WRITTEN SCHEME OF INVESTIGATION APPROVED UNDER PART (A).

C) THE DEVELOPMENT SHALL NOT BE OCCUPIED UNTIL THE SITE INVESTIGATION AND POST INVESTIGATION ASSESSMENT HAS BEEN COMPLETED IN ACCORDANCE WITH THE PROGRAMME SET OUT IN THE WRITTEN SCHEME OF INVESTIGATION APPROVED UNDER PART (A), AND THE PROVISION MADE FOR ANALYSIS, PUBLICATION AND DISSEMINATION OF THE RESULTS AND ARCHIVE DEPOSITION HAS BEEN SECURED.

REASON: HERITAGE ASSETS OF ARCHAEOLOGICAL INTEREST MAY SURVIVE ON THE SITE. THE PLANNING AUTHORITY WISHES TO SECURE THE PROVISION OF APPROPRIATE ARCHAEOLOGICAL INVESTIGATION, INCLUDING THE PUBLICATION OF RESULTS IN ACCORDANCE WITH SECTION 12 OF THE NPPF.

- 3.5 In accordance with the above condition, a Written Scheme of Investigation was prepared and approved to allow the test pit investigation to proceed.

- 3.6 In terms of relevant designated heritage assets, no World Heritage Sites, Scheduled Monuments, Historic Battlefield or Historic Wreck sites have been identified on the study site or within its immediate vicinity. In terms of local designations, the site lies within two Archaeological Priority Areas as defined by the London Borough of Sutton.

4 GEOLOGY AND TOPOGRAPHY

The following is taken from the desk-based assessment for the project (Chipping 2016a).

4.1 Geology

4.1.1 The site is situated close to the confluence of several solid geologies; to the north is London Clay Formation, while to the south is Lewes nodular Chalk Formation. Between the clay and chalk formations is a thin band of Lambeth Group and Thanet Formation.

4.1.2 SI work indicated made ground on site to be between 0.5m and 1.0m thick, in places this directly overlay the chalk natural (Enzygo 2015).

4.2 Topography

4.2.1 A spot height just northwest of the study site is at c.46m OD. The site is approximately level at this height.

4.2.2 No watercourses or naturally occurring bodies of water are known within the immediate vicinity of the study site. The River Wandle is located c.2.7km north east.

5 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

The following is summarised from the desk-based assessment for the project (Chipping 2016a).

5.1 Prehistoric

5.1.1 The site is located within the North Downs Fringe and Springline APA, which offers greatest potential for well-preserved early prehistoric sites. Despite being within the APA the site is actually located on Lewes Nodular Chalk Formation, Seaford Chalk Formation and Newhaven Chalk Formation, the potential may therefore be lower for the site itself.

5.1.2 Neolithic/Bronze Age artefacts including flints and pottery have been recovered from the wider vicinity of the site, to the north.

5.1.3 Given that the majority of evidence for this period is recorded c.500m north of the site, a generally low archaeological potential was identified for these periods.

5.2 Roman

5.2.1 The Greater London Historic Environment Record (GLHER) shows a lack of evidence for the Roman period, and therefore a generally low potential for the Roman period was expected.

5.3 Anglo Saxon & Medieval

5.3.1 The GLHER contains numerous Saxon and medieval records derived from archaeological excavation and other sources.

5.3.2 The site is located within an Archaeological Priority Area denoting the potential for medieval remains, stating: 'The place name refers to an Anglo-Saxon 'southern farmstead' and was held by Chertsea Abbey from the 7th or 8th Century. St. Nicholas Church was probably founded in the early medieval period. In 1537 the estate passed from Chertsea Abbey to Nicholas Carew of Beddington, but subsequently changed hands frequently. There may also have been a sub-manor known as Hall in the late Middle Ages'.

5.3.3 Based on the available information it seems Sutton developed in the medieval period with buildings being located along the High Street. Based on the available evidence a medium to high potential for remains of the medieval period was identified within the site itself.

5.4 Post Medieval and Modern

5.4.1 The potential of the study site for the Post Medieval and Modern periods was identified in the desk-based assessment as low/medium with the possibility of early post-medieval buildings being present. However, it appears the site had successive phases of development from at least 1896 and it was considered likely that the construction of the current building will have removed previous foundations.

6 METHODOLOGY

- 6.1 The test pits (Figure 2) were broken out and excavated by machine within the former Superbowl building, which had been fully soft-stripped to its concrete slab and steel superstructure. The machine was a 1.5 tonne mechanical excavator which used a breaker and toothed bucket to removed the modern slab, and then used a flat-bladed bucket for deeper excavation. All excavation was monitored by the attendant archaeologist under watching brief conditions.
- 6.2 If archaeologically significant features were encountered, excavation was to be halted until hand-cleaning and recording were completed.
- 6.3 All deposits were recorded on pro forma context sheets. The test pits were recorded and planned. The plans were drawn at a scale of 1:20 and the sections at a scale of 1:10. A full photographic record of the site was maintained in digital format.
- 6.4 The test pits had the following dimensions:

Test Pit	Ground level	Dimensions N-S	Dimensions E-W	Depth
TP1	46m OD	2m	2m	1.20m
TP2	46m OD	2m	2m	1.20m
TP3	46m OD	2m	2m	0.95m
TP4	46m OD	2m	2m	1.10m

7 ARCHAEOLOGICAL RESULTS

7.1 Test Pit 1

Context	Type	Thickness	Level	Description	Date
1	Layer	90mm	45.35m OD	Crushed chalk bedding layer.	C20
2	Layer	>1.05m	45.26m OD	Natural brown silty sand layer.	Natural

7.1.1 The basal layer encountered in the pit was a natural silty sand brown deposit [2] (Plate 1). The deposit was further proof-dug to 1.7m below ground level, approximately 44.30m OD, but continued below this level.

7.1.2 Directly sealing the natural was bedding layer [1] composed of crushed chalk, beneath the modern slab (0.65m thick). No archaeology was seen.



Plate 1: Test Pit 1, view to the east. Scale 1m.

7.2 Test Pit 2

Context	Type	Thickness	Level	Description	Date
3	Layer	0.14m	45.55m OD	Crushed chalk bedding layer.	C20
4	Layer	0.7m	45.41m OD	Natural brown silty clay layer.	Natural
5	Layer	n/a	44.71m OD	Natural chalk bedrock.	Natural

7.2.1 Natural chalk [5] was observed at the base of the pit, sealed by a colluvial soil [4] and then a modern bedding deposit [3] (Plate 2). No archaeology was seen. The concrete slab was 0.45m thick.



Plate 2: Test Pit 2, view to the east. Scale 1m.

7.3 Test Pit 3

Context	Type	Thickness	Level	Description	Date
6	Layer	0.6m	45.65m OD	Natural brown silty clay layer.	Natural
7	Layer	n/a	45.05m OD	Natural chalk bedrock.	Natural

7.3.1 The lowest layer encountered in the pit was natural chalk [7], beneath the same colluvial subsoil [6] – itself directly beneath the concrete slab, which was around 0.35m thick (Plate 3). Layer [6] was truncated by a modern feature [+].

7.3.2 No archaeology was seen.



Plate 3: Test Pit 3, view to the south. Scale 1m.

7.4 Test Pit 4

Context	Type	Thickness	Level	Description	Date
8	Layer	0.6m	45.50m OD	Natural brown silty clay	Natural
9	Layer	0.4m	45.30m OD	Natural eroded chalk deposit.	Natural
10	Layer	n/a	44.90m OD	Natural chalk bedrock.	Natural

7.4.1 At the base of the pit was observed chalk bedrock [10] beneath an eroded chalk horizon [9], probably the result of frost action. Atop this was the same colluvial soil [8], which had been cut by a service trench [+] aligned east-west. The concrete slab in this test pit was around 0.5m thick.

7.4.2 The chalk in this pit showed a clear fall down to the north (Plate 4). The pit contained no archaeology.



Plate 4: Test Pit 4, view to the east. Scale 1m.

8 CONCLUSIONS

- 8.1 The test pits excavated during the investigation have shown no archaeological finds or features. They suggest either an absence of archaeology or severe truncation from the 20th century development.
- 8.2 Upon approval of this report and with confirmation that the site work is complete, the archive will be deposited with the London Archaeological Archive and Research Centre under the unique site code SNL17. Until then it will be stored by PCA at its offices in Brockley, London. The results of the site investigation will be published by PCA as a summary in the annual 'Round-Up' of *London Archaeologist*.

9 BIBLIOGRAPHY

Chipping, E 2016a '*Archaeological Desk Based Assessment: Sutton Palace Superbowl St Nicholas Way, Sutton*'. Unpublished report for CgMs Consulting Limited.

Chipping, E 2016b '*Written Scheme of Investigation for Archaeological Test Pit Evaluation: Sutton Palace Superbowl St Nicholas Way, Sutton*'. Unpublished report for CgMs Consulting Limited.

Enzygo 2015 'Geo-Environmental Report: Premier Inn, Off Church Street and St Nicholas Way, Sutton SM1 1AT', unpublished report.

10 ACKNOWLEDGEMENTS

- 10.1 Pre-Construct Archaeology Limited would like to thank Ewan Chipping of CgMs Consulting for commissioning the work on behalf of Tower Eight. We also thank Laura O'Gorman, archaeology advisor at the Greater London Archaeological Advisory Service (GLAAS), for monitoring the project.
- 10.2 The author would also like to thank the team from RMC for their co-operation during the excavation, and Chris Mayo for project management and editing.



© Contains Ordnance Survey data © Crown copyright and database right 2016

© Pre-Construct Archaeology Ltd 2017

12/10/17 CF

Figure 1
Site Location
1:20,000 at A4



Figure 2
 Test Pit Location
 1:400 at A4

APPENDIX 1: OASIS REPORT FORM

OASIS ID: preconst1-297544

Project details

Project name	Sutton Palace Superbowl, St. Nicholas Way, Sutton: An Archaeological Watching Brief
Short description of the project	Four test pits were excavated under archaeological supervision to evaluate whether any archaeological remains had survived beneath the modern building. In all cases, the test pits revealed layers of natural deposits on top of chalk bedrock covered and truncated by a platform of reinforced concrete. No archaeological features, finds or layers were observed.
Project dates	Start: 26-09-2017 End: 03-10-2017
Previous/future work	No / No
Any associated project reference codes	SNL17 - Sitecode
Any associated project reference codes	B2016/74546 - Planning Application No.
Type of project	Recording project
Site status	Area of Archaeological Importance (AAI)
Current Land use	Community Service 2 - Leisure and recreational buildings
Monument type	NONE None
Significant Finds Investigation	NONE None
Investigation type	"Test-Pit Survey", "Watching Brief"
Prompt	Planning condition

Project location

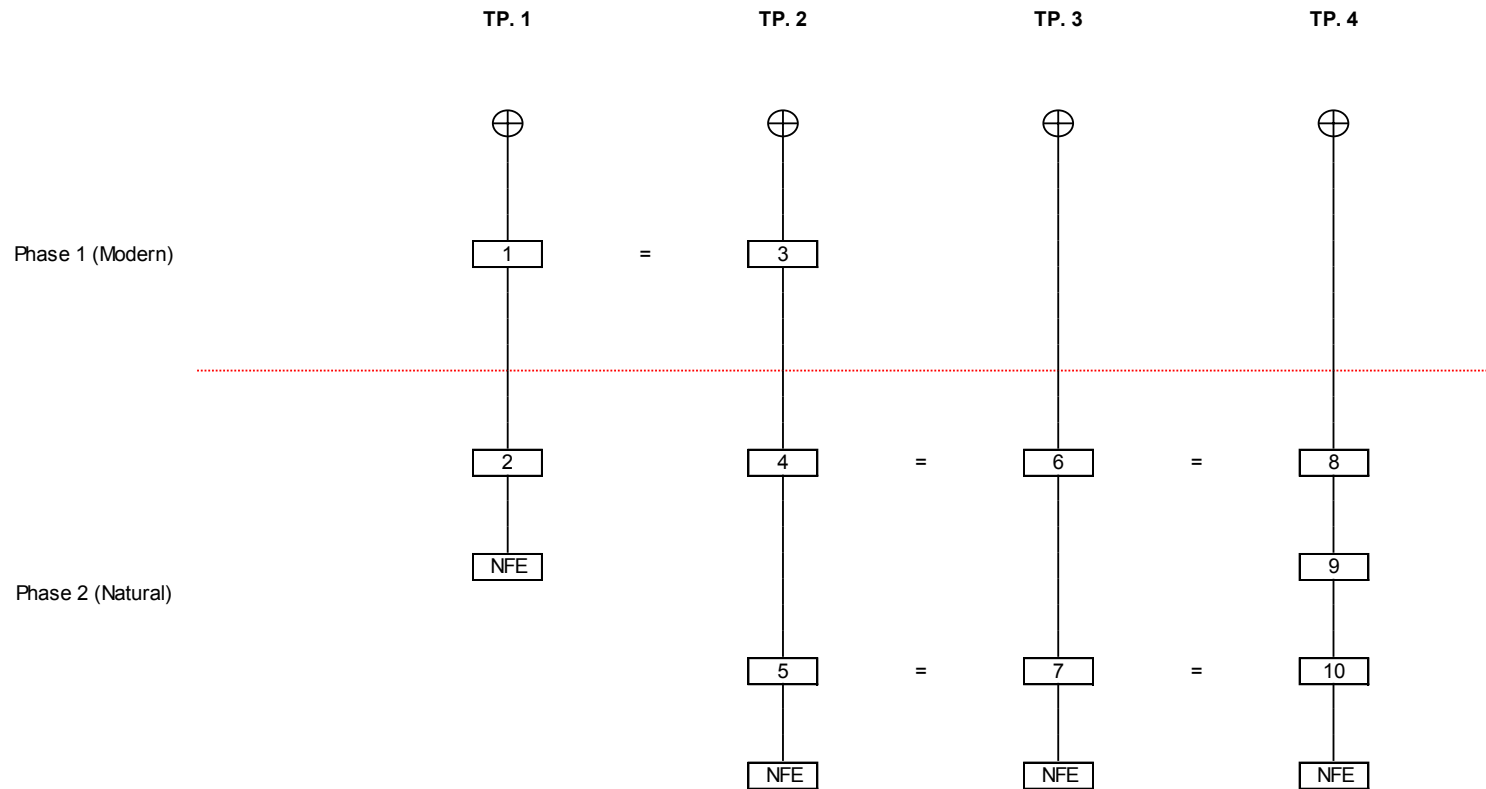
Country	England
Site location	GREATER LONDON SUTTON SUTTON AND CHEAM Sutton Palace Superbowl, St. Nicholas Way
Postcode	SM1 1AZ
Study area	792 Square metres
Site coordinates	TQ 25825 64260 51.362939496979 -0.192467997452 51 21 46 N 000 11 32 W
Lat/Long Datum	Point
Height OD / Depth	Unknown
Depth	Min: 45.41m Max: 45.65m

Project creators

Name of Organisation	Pre-Construct Archaeology Limited
Project design originator	Local Authority Archaeologist and/or Planning Authority/advisory body
Project design originator	CgMs Consulting
Project director/manager	Chris Mayo
Project supervisor	Leonardo Penades
Type of sponsor/funding body	Developer

Name of sponsor/funding body	Tower Eight
Project archives	
Physical Archive Exists?	No
Digital Archive recipient	LAARC
Digital Archive ID	SNL17
Digital Contents	"Stratigraphic"
Digital Media available	"Database","Images raster / digital photography","Images vector","Spreadsheets","Text"
Paper Archive recipient	LAARC
Paper Archive ID	SNL17
Paper Contents	"Stratigraphic" "Context"
Paper Media available	sheet","Diary","Drawing","Matrices","Photograph","Plan","Report","Section","Unpublished Text"
Project bibliography 1	
Publication type	Grey literature (unpublished document/manuscript) Sutton Palace Superbowl, St. Nicholas Way, Sutton: An Archaeological
Title	Watching Brief
Author(s)/Editor(s)	Penades, L.
Other bibliographic details	R13059
Date	2017
Issuer or publisher	Pre-Construct Archaeology Ltd.
Place of issue or publication	London
Description	A4 pdf client report with PCA covers.
Entered by	Chris Mayo (cmayo@pre-construct.com)
Entered on	18 October 2017

APPENDIX 2: MATRIX



PCA

PCA SOUTH

UNIT 54
BROCKLEY CROSS BUSINESS CENTRE
96 ENDWELL ROAD
BROCKLEY
LONDON SE4 2PD
TEL: 020 7732 3925 / 020 7639 9091
FAX: 020 7639 9588
EMAIL: info@pre-construct.com

PCA NORTH

UNIT 19A
TURSDALE BUSINESS PARK
DURHAM DH6 5PG
TEL: 0191 377 1111
FAX: 0191 377 0101
EMAIL: info.north@pre-construct.com

PCA CENTRAL

THE GRANARY, RECTORY FARM
BREWERY ROAD, PAMPISFORD
CAMBRIDGESHIRE CB22 3EN
TEL: 01223 845 522
FAX: 01223 845 522
EMAIL: info.central@pre-construct.com

PCA WEST

BLOCK 4
CHILCOMB HOUSE
CHILCOMB LANE
WINCHESTER
HAMPSHIRE SO23 8RB
TEL: 01962 849 549
EMAIL: info.west@pre-construct.com

PCA MIDLANDS

17-19 KETTERING RD
LITTLE BOWDEN
MARKET HARBOROUGH
LEICESTERSHIRE LE16 8AN
TEL: 01858 468 333
EMAIL: info.midlands@pre-construct.com

