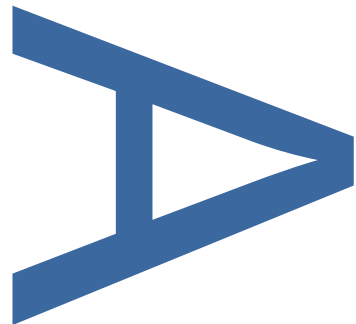
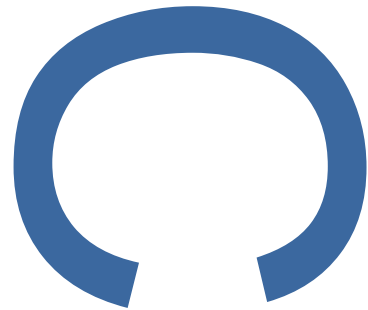


**ROLLS-ROYCE MOTOR CARS LTD,
THE DRIVE, WESTHAMPNETT,
WEST SUSSEX**

**REPORT ON ARCHAEOLOGICAL
WATCHING BRIEF**

**LOCAL PLANNING AUTHORITY:
CHICHESTER DISTRICT COUNCIL**

**PCA REPORT NO: R13345
3RD AUGUST 2018**



PRE-CONSTRUCT ARCHAEOLOGY

**ROLLS-ROYCE MOTOR CARS LTD, THE DRIVE, WESTHAMPNETT, WEST SUSSEX:
ARCHAEOLOGICAL WATCHING BRIEF REPORT**

Local Planning Authority: Chichester District Council

Central NGR: 488207 106557

Site Code: GEWS17

Commissioning Client: Arcadis (UK) Ltd

Prepared by: Paul McCulloch (MCIFA)

Contractor: Pre-Construct Archaeology Ltd (Winchester)
5 Red Deer Court
Elm Road
Winchester
Hampshire SO22 5LX

Tel: 01962 849 549
E-mail: pmcculloch@pre-construct.com
Web: www.pre-construct.com

© Pre-Construct Archaeology Limited

3rd August 2018

© The material contained herein is and remains the sole property of Pre-Construct Archaeology Limited and is not for publication to third parties without prior consent.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.

DOCUMENT VERIFICATION

Site Name: Rolls-Royce Motor Cars Ltd, The Drive, Westhampnett, W. Sussex

Type of project: Archaeological Watching Brief Report

Report: R13345

Quality Control

Pre-Construct Archaeology Limited Project Code		K5325
Text Prepared by:	P McCulloch	31/07/2018
Graphics Prepared by:	-	
Graphics Checked by:	-	
Project Manager:	P McCulloch	03/08/2018

Revision No.	Date	Checked	Approved

CONTENTS

1	ABSTRACT.....	4
2	INTRODUCTION.....	5
3	AIM.....	6
4	RESULTS.....	7
5	ARCHIVE PRERARATION AND DEPOSITION.....	7
6	ACKNOWLEDGEMENTS.....	9
7	REFERENCES.....	10
	APPENDIX 1: PHOTOGRAPHS (PLATES 1 – 3).....	11
	APPENDIX 2: OASIS RECORD.....	13

Figures

Figure 1 - Site Location

Figure 2 - Trench Location

1 ABSTRACT

Pre-Construct Archaeology Ltd (PCA) was appointed by Arcadis (UK) Ltd, on behalf of Rolls-Royce Motor Cars Ltd, to undertake an archaeological watching brief on land at the Rolls-Royce factory, The Drive, Westhampnett, West Sussex (NGR 488207 106557). The Site is the subject of a proposed employee car park.

The watching formed the final part of a staged approach to addressing the archaeological implications of the development and was informed by the results of an archaeological Desk-based Assessment prepared by Arcadis (2017) and a trial trench evaluation (PCA 2018).

The evaluation revealed a low level of archaeological potential, which was confined to two ditches, both in Trench 2, and similarly aligned north-east to south-west. A very small amount of possibly middle or late Iron Age pottery was recovered from the fill of each ditch. Apart from a third ditch in Trench 5 of probably modern date, no other archaeological features were recorded.

The watching brief was conducted during topsoil striping and related groundwork between the 18th of June and 11th July 2018. No significant archaeological remains were revealed.

2 INTRODUCTION

2.1 Project Background

2.1.1 Pre-Construct Archaeology Ltd (PCA) was appointed by Arcadis (UK) Ltd, on behalf of Rolls-Royce Motor Cars Ltd, to undertake an archaeological evaluation on land at the Rolls-Royce factory, The Drive, Westhampnett, West Sussex, (**Figure 1**), hereafter ‘the Site’ (centred at NGR 488207 106557). The Site is the subject of a proposed employee car park.

2.1.2 The watching brief forms the final part of a staged approach to addressing the archaeological implications of the development and was informed by the results of an archaeological Desk-based Assessment prepared by Arcadis (2017) and a trial trench evaluation (PCA 2018). The evaluation revealed a low level of archaeological potential, which was confined to two ditches, both in Trench 2, and similarly aligned north-east to south-west. A very small amount of possibly middle or late Iron Age pottery was recovered from the fill of each ditch. Apart from a third ditch in Trench 5 of probably modern date, no other archaeological features were recorded.

2.1.3 This document provides a report on the results of the watching brief, carried out between the 18th June and 11th July 2018 and has been prepared in accordance with the Chartered Institute for Archaeologists standard and guidance for archaeological watching briefs (CIfA 2014) and *Management of Research Projects in the Historic Environment* (Historic England, 2015).

2.2 Location, Topography and Geology

2.2.1 The Site, an area of approximately 2.37ha, is located in the village of Westhampnett, West Sussex, west of the Rolls-Royce factory. It is bounded to the south by residential development and by Claypit Lane to the west and accessed from ‘The Drive’, the principal access to the Rolls-Royce factory.

2.2.2 The Site is presently grassed with the northern and eastern boundaries comprising shrub and woodland landscape planting associated with and screening the factory. The Site has a slight gradient sloping down from north-west to the south-east (towards Claypit Lane and lies at 25m above Ordnance Datum (aOD) at its highest point.

2.2.3 The bedrock geology of the Site is Lambeth Group which is a clay, silt and sand sedimentary rock. The Site has two types of superficial deposits of Raised Storm Beach Deposits (gravel) to the east and a Head deposit of gravel, sand, silt and clay to the west.

2.3 Archaeological and Historical Background

2.3.1 The Desk-based Assessment (Arcadis 2017) has provided a comprehensive study of the archaeological and historical background to the Site using information drawn from the Chichester Historic Environment Record. This was summarised in the Assessment as follows:

A cultural heritage desk-based assessment was undertaken at a Site to the west of Rolls Royce Motor Cars Limited manufacturing plant, Westhampnett (NGR 488207, 106557). The Site is 2.37ha in area, nearly triangular in shape, and is currently grassland. The proposed development is for a 500 spaced car park with drop off facilities for an adjacent school and pathways into the manufacturing plant.

Cartographic analysis demonstrates that the Site has changed little since the 1700's while the immediate surrounding area has been developed both for residential and industrial purposes. Recently this industrial activity may have had an impact on any below ground archaeological features. The Site was used as a compound and a construction storage and route way area for the creation of the Rolls-Royce manufacturing plant. Once the construction was complete the Site was landscaped and turned into grassland.

There are no designated heritage assets, archaeological priority areas or archaeological notification areas on Site. There are 21 Listed Buildings within the 1km study area of which one is Grade II Listed, the Parish Church of St Peter (LB1), and the remainder are Grade II Listed. The vegetation that surrounds the Site, in particular on the western side of Claypit Lane, screen the built heritage assets from the proposed development. If there is a loss of this vegetation surrounding the Site it is recommended that it is replaced with similar vegetation.*

The data supplied by the Chichester District Historic Environment Record indicates that there was a concentration a Prehistoric, Roman, Saxon and Medieval activity surrounding the Site. The close proximity that some of these monuments to the Site indicates a high potential of archaeological features from multiple time periods to be represented on the Site.

2.3.2 The Assessment concluded with a recommendation for archaeological evaluation of the proposal Site. The evaluation, carried out in December 2017, comprised six 30m X 2m trenches (PCA 2018). The evaluation revealed two ditches, both in Trench 2, and similarly aligned north-east to south-west. A very small amount of possibly middle or late Iron Age pottery was recovered from the fill of each ditch. Apart from a third ditch in Trench 5 of probably modern date, no other archaeological features were recorded.

3 AIM

3.1 Archaeological Evaluation

3.1.1 The aim of the archaeological watching brief was to monitor groundwork for the development and investigate and record archaeological remains that are identified, taking account of the date, nature, extent, bio-archaeological and palaeo-environmental potential of the remains, such as access to the Site under construction will allow.

3.1.2 A further aim was to prepare an archive of the results of the investigations leading to the preparation of this final report, which is intended to satisfy the requirement of the CDAO that the watching brief was carried out.

4 RESULTS

4.1 Introduction

4.1.1 The following presents a summary of the watching brief results based upon the Site archive, which comprises a Site diary, digital photographs. Photographs of the site under groundwork appear in **Appendix 1**. The archive of all stages of the archaeological work is held at PCA's Winchester office under the site code **GEWS17** and will in due course be deposited with the Novium, Chichester.

4.2 Methodology

4.2.1 The archaeological watching was undertaken following the methodology detailed in the Written Scheme of Investigation (PCA 2018), which was approved by the Local Planning Authority in advance of the works and on the advice of their archaeological advisor James Kenny, Archaeology Officer, Chichester District Council.

4.2.2 The watching brief comprised monitoring topsoil stripping by the appointed main contractor Careys Civil Engineering ahead of the construction of the proposed car park.

4.3 Result

4.3.1 Following the mechanical raking i=of turf from the site for ecological purposes, topsoil stripping revealed the underlying natural to be the same as recorded in the evaluation, namely Head deposits of gravel with clay in places (**Appendix 1, Plates 1 & 2**); the natural was recorded at between 0.27 and 0.32m below ground level and was sealed by a thin layer of subsoil and topsoil.

4.3.2 No evidence of the possibly prehistoric ditches revealed by evaluation Trench 2 were revealed. No evidence of any other significant archaeological remains were revealed. However, a section of the modern ditch recorded in evaluation Trench 5 was revealed (**Appendix 1, Plate 3**).

5 ARCHIVE PRERARATION AND DEPOSITION

5.1 The Site Archive

5.1.1 The Site archive, to include all project records and cultural material produced by the project, will be prepared in accordance with 'Guidelines for the Preparation of Excavation Archives for Long-term Storage' (UKIC 1990) and the Institute for Archaeologists 'Standard and Guidance for the creation, compilation, transfer and deposition of archaeological archives' (ClfA 2014). On completion of the project PCA will arrange for the archive to be deposited with the Novium Museum, Chichester.

5.2 Copyright

- 5.2.1 The full copyright of the written/illustrative archive relating to the site will be retained by Pre-Construct Archaeology Ltd under the Copyright, Designs and Patents Act 1988 with all rights reserved. The Novium however, will be granted an exclusive licence for the use of the archive for educational purposes, including academic research, providing that such use shall be non-profitmaking, and conforms to the Copyright and Related Rights regulations 2003. Further distribution and uses of the report either in its entirety or part thereof in paper or electronic form is prohibited without the prior consent of Pre-Construct Archaeology Ltd.
- 5.2.2 The licence extends to the use of all documents arising from this project in all matters relating directly to the project, as well as for bona fide research purposes (which includes the Chichester HER).
- 5.2.3 Pre-Construct Archaeology Ltd has made every effort to ensure the accuracy of the content of this report. However, Pre-Construct Archaeology Ltd cannot accept any liability in respect of, or resulting from, errors, inaccuracies or omissions this report contains.

6 ACKNOWLEDGEMENTS

Pre-Construct Archaeology Ltd is grateful to Arcadis (UK) Ltd for commissioning the watching brief and to James Kenny, Chichester District Council Archaeology Officer, for his advice.

The watching brief was carried out by Gareth Hatt, PCA Ltd.

7 REFERENCES

ARCADIS, 2017, *'Rolls-Royce Employee Car Park Development – Cultural Heritage Desk-Based Assessment'*.

PCA, 2018a, *'Rolls-Royce Motor Cars Ltd, The Drive Westhampnett, W. Sussex: Report on an Archaeological Evaluation'*, R13117

PCA, 2018b, *"Rolls-Royce Motor Cars Ltd, The Drive, Westhampnett, W. Sussex: WSI for an Archaeological Watching Brief"*.

Appendix 1: Photographs (Plates 1 – 3)



Plate 1 – General view to south, turf strip.



Plate 2 – General view south, topsoil stripped for new car park.



Plate 3 – Modern ditch revealed by topsoil strip. Scale 0.5m

Appendix 2: OASIS Record

OASIS ID: preconst1-324644

Project details

Project name Rolls-Royce, Westhampnett, W. Sussex

Short description of the project A watching brief was maintained during ground work to form a new car park for the Rolls-Royce factory at Westhampnett on land off Claypit Lane. No significant archaeological remains were uncovered. Previous evaluation had found two possible prehistoric ditches but no evidence of these was seen in the watching brief.

Project dates Start: 18-06-2018 End: 11-07-2018

Previous/future work Yes / No

Any associated project reference codes GEWS17 - Sitecode

Type of project Recording project

Site status None

Current Land use Vacant Land 2 - Vacant land not previously developed

Monument type NONE None

Significant Finds NONE None

Investigation type "Watching Brief"

Prompt National Planning Policy Framework - NPPF

Prompt Planning condition

Project location

Country England

Site location WEST SUSSEX CHICHESTER WESTHAMPNETT Rolls-Royce, The Drive,
Westhampnett

Postcode PO180SH

Study area 2.37 Hectares

Site coordinates SU 88207 06557 50.851235701378 -0.74680782706 50 51 04 N 000 44 48 W Point

Height OD / Depth Min: 24m Max: 25.5m

Project creators

Name of Organisation PCA Winchester

Project brief originator James Kenny

Project design originator Paul McCulloch

Project director/manager Paul McCulloch

Project supervisor Katherine Marshall

Type of sponsor/funding body Manufacturer

Name of sponsor/funding body Rolls-Royce Motor Cars Ltd

Project archives

Physical Archive Exists? No

Digital Archive recipient Chichester

Digital Media available "Database","Images raster / digital photography","Text"

Paper Archive recipient Chichester

Paper Contents "Ceramics"

Paper Media available "Diary","Photograph","Report"

Project bibliography 1

Publication type Grey literature (unpublished document/manuscript)

Title Rolls-Royce Motor Cars Ltd, The Drive, Westhampnett, W. Sussex: Archaeological Watching Brief Report

Author(s)/Editor(s) McCulloch, P

Other bibliographic details R13345

Date 2018

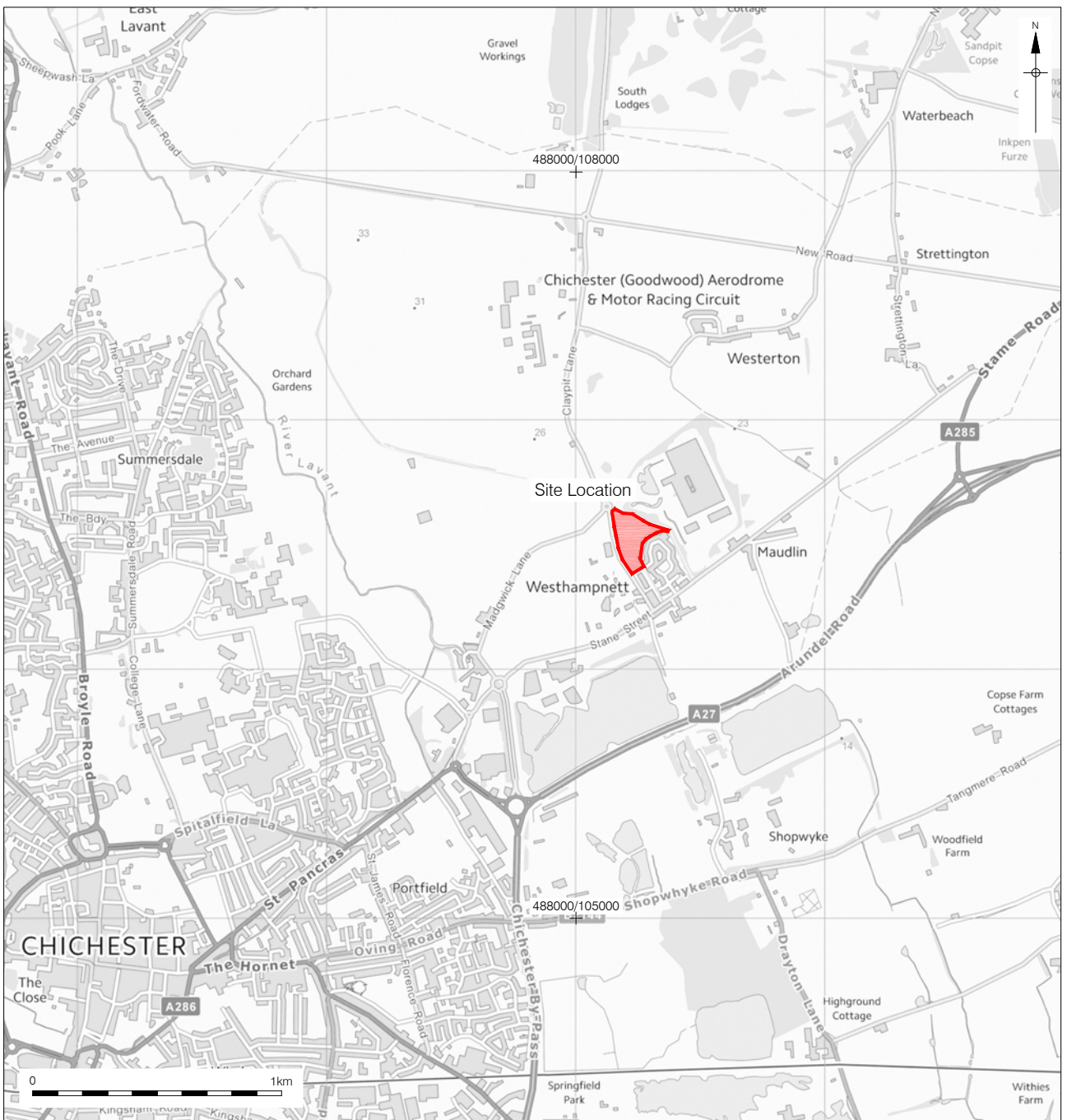
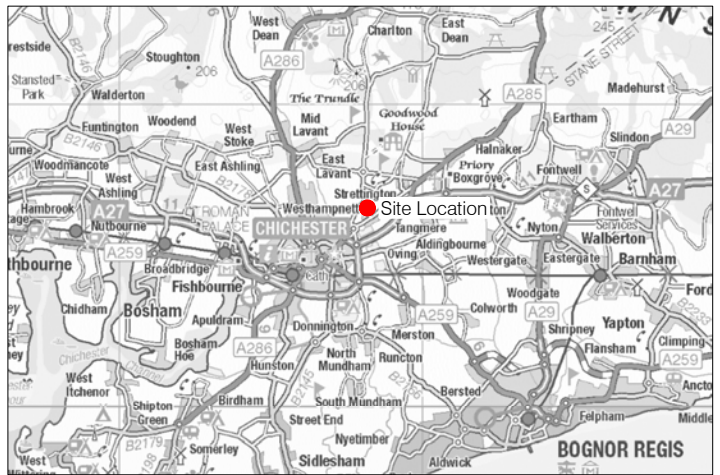
Issuer or publisher PCA Ltd (Winchester)

Place of issue or publication Winchester

Description A4, 18 pages of covers, text, 3 plates and 2 figures. Electronic version available as .pdf.

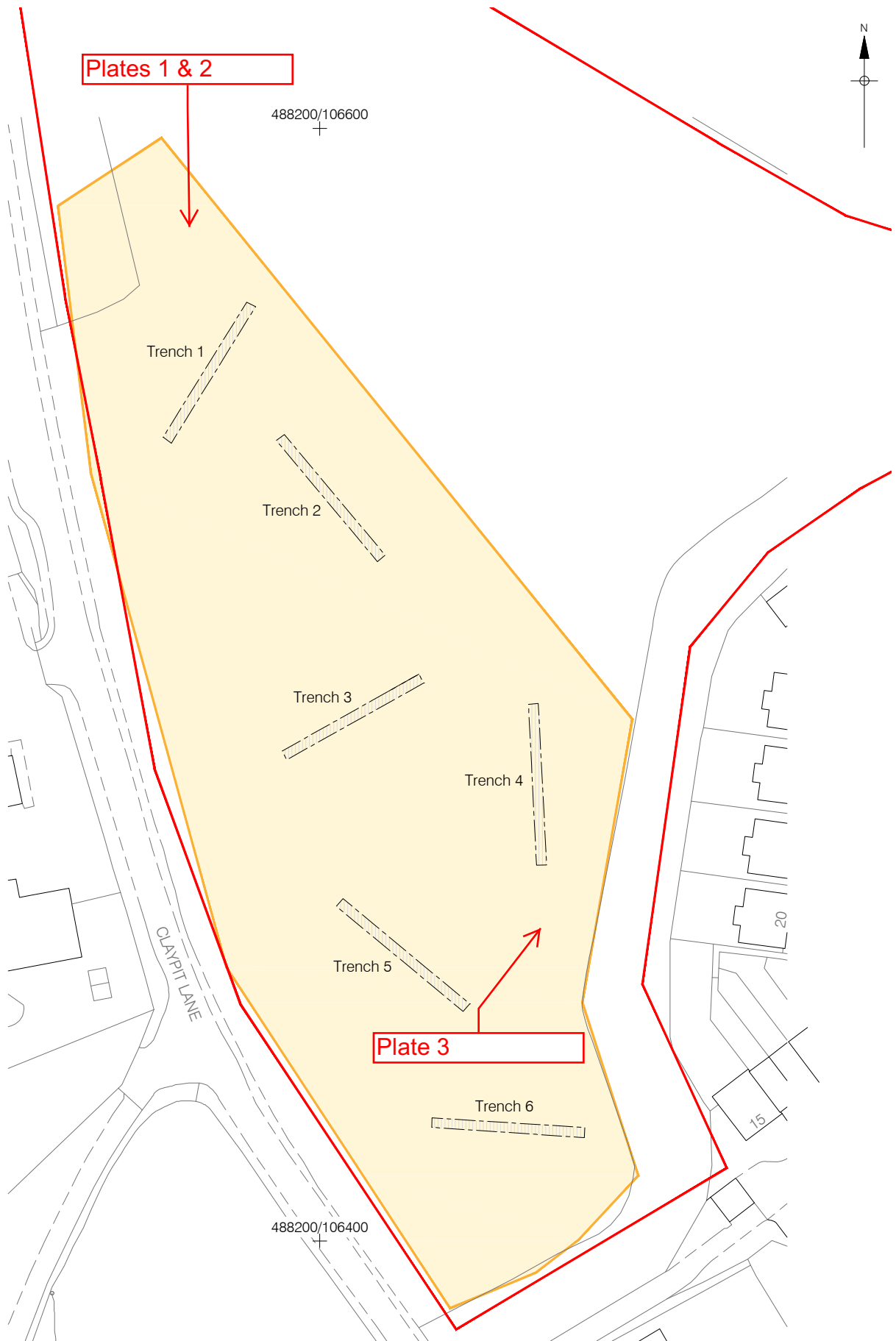
Entered by Paul McCulloch (pmcculloch@pre-construct.com)

Entered on 2 August 2018



Contains Ordnance Survey data © Crown copyright and database right 2017
 © Pre-Construct Archaeology Ltd 2017
 19/12/17 MR

Figure 1
 Site Location
 1:2,000,000, 1:250,000 & 1:25,000 at A4



0 50m

Figure 2
 Watching Brief Area showing the
 location of Evaluation Trenches (PCA 2017)
 1:1,000 at A4

PCA

PCA CAMBRIDGE

THE GRANARY, RECTORY FARM
BREWERY ROAD, PAMPISFORD
CAMBRIDGESHIRE CB22 3EN
t: 01223 845 522
e: cambridge@pre-construct.com

PCA DURHAM

UNIT 19A, TURSDALE BUSINESS PARK
TURSDALE
DURHAM DH6 5PG
t: 0191 377 1111
e: durham@pre-construct.com

PCA LONDON

UNIT 54, BROCKLEY CROSS BUSINESS CENTRE
96 ENDWELL ROAD, BROCKLEY
LONDON SE4 2PD
t: 020 7732 3925
e: london@pre-construct.com

PCA NEWARK

OFFICE 8, ROEWOOD COURTYARD
WINKBURN, NEWARK
NOTTINGHAMSHIRE NG22 8PG
t: 01636 370410
e: newark@pre-construct.com

PCA NORWICH

QUARRY WORKS, DEREHAM ROAD
HONINGHAM
NORWICH NR9 5AP
T: 01223 845522
e: cambridge@pre-construct.com

PCA WARWICK

UNIT 9, THE MILL, MILL LANE
LITTLE SHREWLEY, WARWICK
WARWICKSHIRE CV35 7HN
t: 01926 485490
e: warwick@pre-construct.com

PCA WINCHESTER

5 RED DEER COURT, ELM ROAD
WINCHESTER
HAMPSHIRE SO22 5LX
t: 01962 849 549
e: winchester@pre-construct.com

