

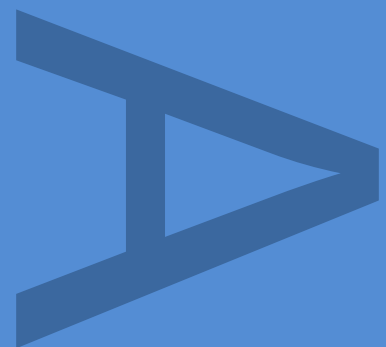
**10 BROADSTROOD
LOUGHTON, ESSEX
IG10 2SB**

**ARCHAEOLOGICAL WATCHING
BRIEF**

SITE CODE: EBSL11

MARCH 2011

PCA REPORT NUMBER: R11008



PRE-CONSTRUCT ARCHAEOLOGY



DOCUMENT VERIFICATION

BROADSTROOD
LOUGHTON, ESSEX
IG10 2SB

AN ARCHAEOLOGICAL WATCHING BRIEF

Quality Control

Pre-Construct Archaeology Ltd	
Project Number	K2477
Report Number	R11008

	Name & Title	Signature	Date
Text Prepared by:	Alexander Pullen		March 2011
Graphics Prepared by:	Josephine Brown		March 2011
Graphics Checked by:	Josephine Brown	pp 	March 2011
Project Manager Sign-off:	Tim Bradley		March 2011

Revision No.	Date	Checked	Approved

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

**An Archaeological Watching Brief at 10, Broadstrood,
Loughton, Essex IG10 2SB**

Site Code: EBSL11

National Grid Reference: TQ43019812

**Written and Researched by Alexander Pullen
Pre-Construct Archaeology Ltd, March 2011**

Project Manager: Tim Bradley

Commissioning Client: CgMs Consulting

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

Tel: 020 7732 3925

Fax: 020 7732 7896

Email: tbradley@pre-construct.com

Website: www.pre-construct.com

© Pre-Construct Archaeology Limited

March 2011

© The material contained herein is and remains the sole property of Pre-Construct Archaeology Limited and is not for publication to third parties without prior consent.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	GEOLOGICAL, TOPOGRAPHIC AND ARCHAEOLOGICAL BACKGROUND	8
4	ARCHAEOLOGICAL METHODOLOGY	9
5	DEPOSIT DESCRIPTIONS	10
6	INTERPRETATION AND CONCLUSIONS	11
7	ACKNOWLEDGEMENTS	12
8	BIBLIOGRAPHY	13

APPENDICES

APPENDIX 1: CONTEXT REGISTER	14
APPENDIX 2: MATRIX	14
APPENDIX 3: OASIS FORM	15
APPENDIX 4: PHOTOGRAPHS	17

FIGURES

Figure 1. Site Location.....	5
Figure 2. Detailed Site Location.....	6
Figure 3. Section Drawings 1 & 2.....	7

1 ABSTRACT

- 1.1 This document details the results of an archaeological watching brief at 10 Broadstrood, Loughton, Essex. The watching brief was commissioned by CgMs Consulting and comprised monitoring the excavation of footings for the construction of a new house. A Written Scheme of Investigation for this work was prepared by Tim Bradley of Pre-Construct Archaeology, March 2011. The watching brief took place on the 7th of March 2011.

- 1.2 No archaeological features or artefacts were encountered during the watching brief. Deposits recorded comprised natural deposits of clay and gravel overlain by modern garden soil or areas of modern tarmac and concrete relating to the recently demolished 1950s bungalow occupying the site.

2 INTRODUCTION

2.1 This document details the results of an archaeological watching brief at 10 Broadstrood, Loughton, Essex. Planning permission (EPF/0043/10) was granted to demolish an existing building and erect a detached dwelling and associated landscaping on the site. An archaeological planning condition was attached to the site as follows:

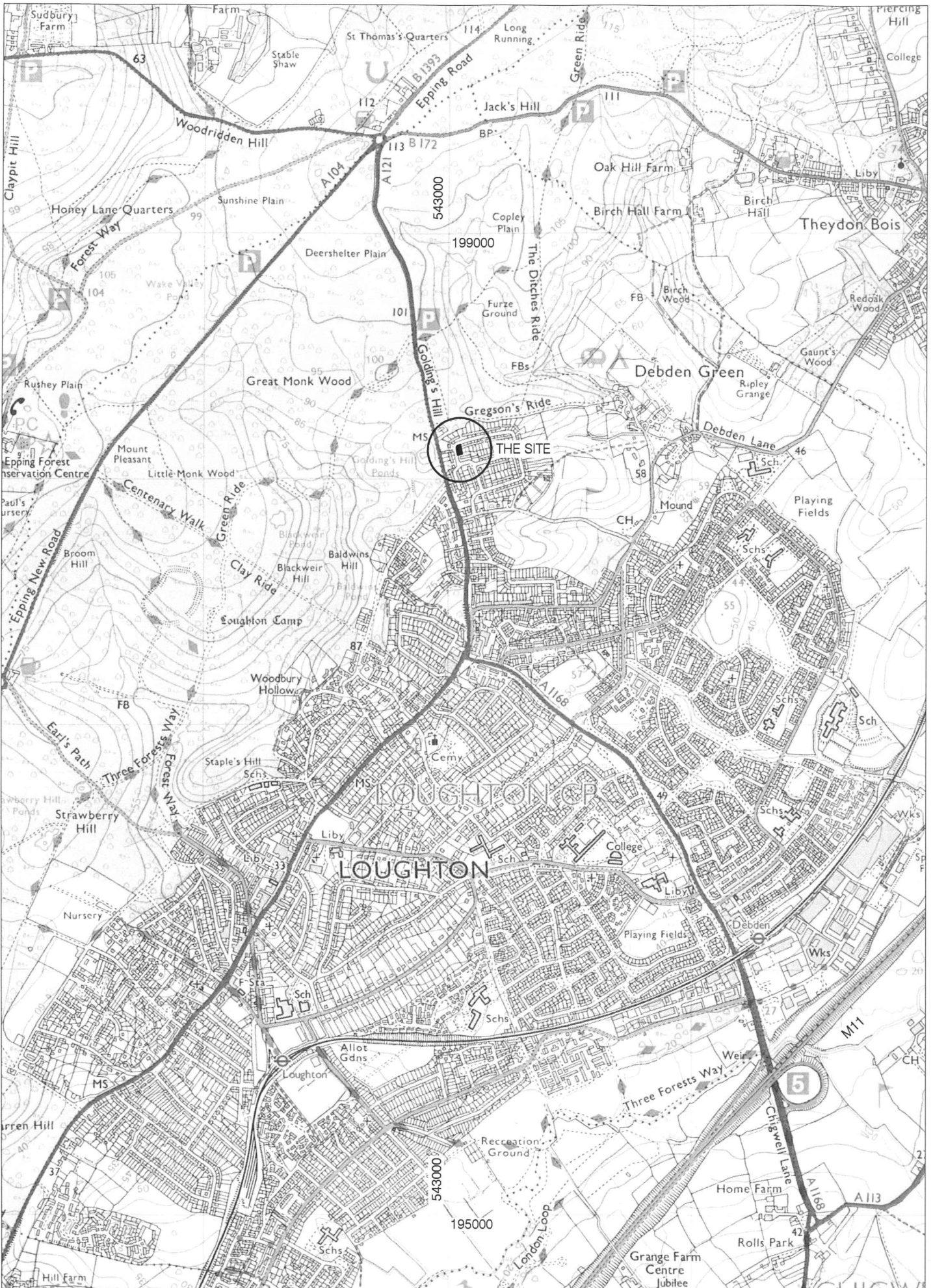
'No demolition/ conversion or preliminary groundwork's of any kind shall take place until the applicant has secured the implementation of a programme of archaeological work in accordance with a written scheme of investigation which has been submitted by the applicant and approved by the local planning authority'.

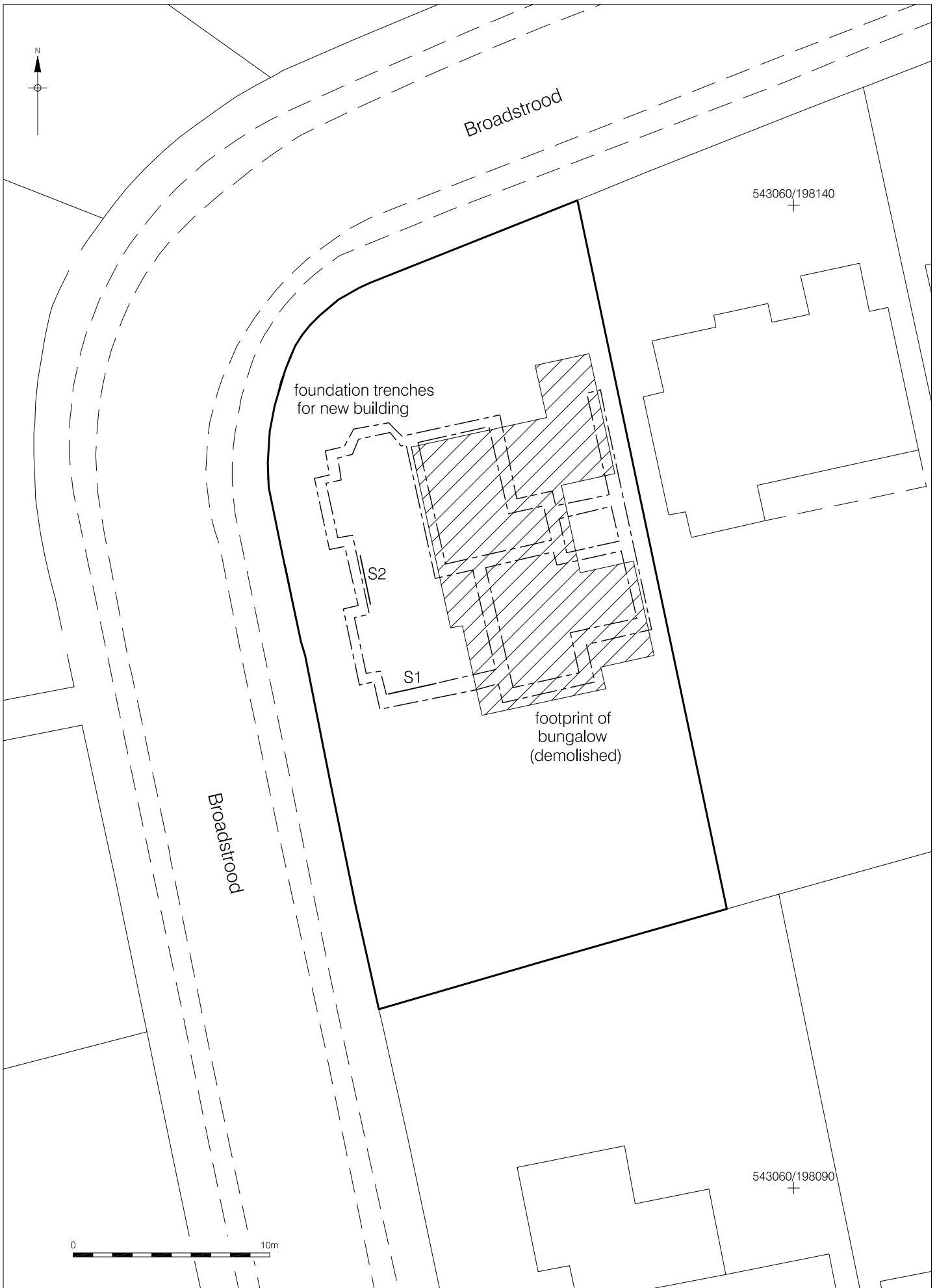
2.2 The watching brief, which was commissioned by CgMs Consulting, comprised monitoring the excavation of footings for the construction of a new house. A Written Scheme of Investigation for this work was prepared by Tim Bradley of Pre-Construct Archaeology, March 2011. The watching brief was carried out on the 7th of March 2011.

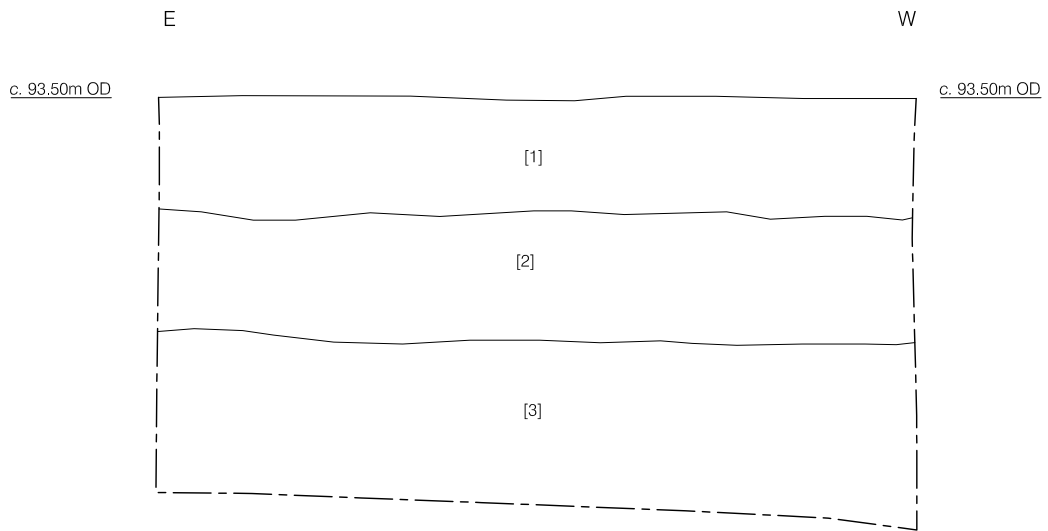
2.3 The subject site lies to the northern end of Loughton, a short distance to the east from the A121 at Goldings Hill. The site is immediately south of Broadstrood Plain on the northwest corner of Broadstrood.

2.4 The proposed new construction covers an area of approximately 15m x 15m. Foundations for the new construction were generally located within the footprint of the demolished bungalow. New footings, cutting through areas formerly occupied by a lawn and path were excavated along the western edge and northwest corner of the site.

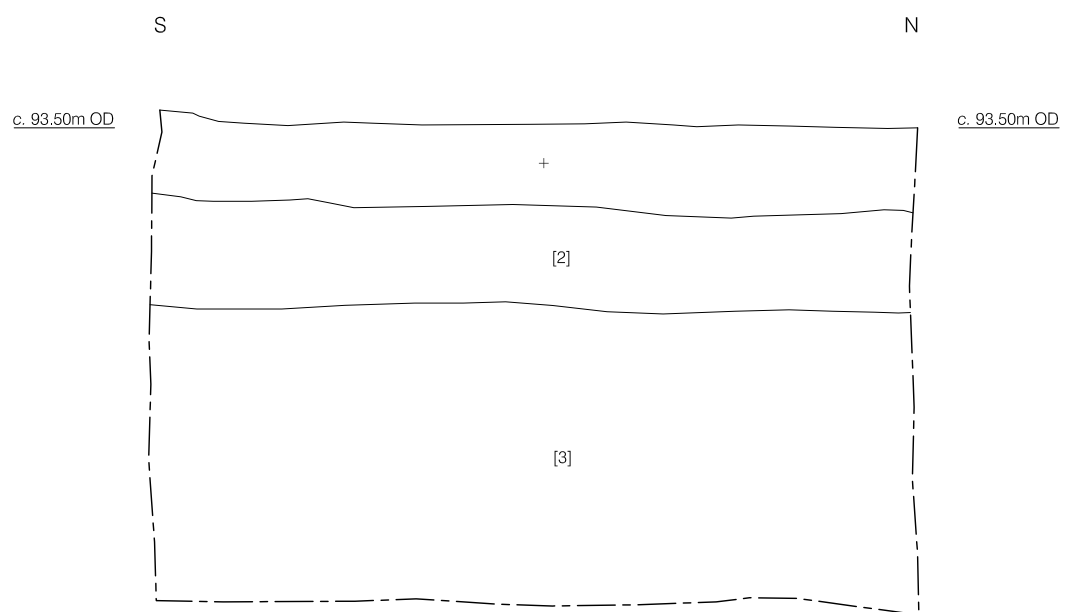
2.5 The Written Scheme of Investigation (WSI) prepared by Tim Bradley, Pre-Construct Archaeology Ltd., provides detailed description of the working methodology followed and outlined the archaeological background to the site (reproduced in Section 3 below).







Section 1
North facing



Section 2
East facing



3 GEOLOGICAL, TOPOGRAPHIC AND ARCHAEOLOGICAL BACKGROUND

- 3.1 The BGS map of the area indicates that the site lies on Claygate Member deposits (<http://maps.bgs.ac.uk>). No drift geology is noted, although the site is situated just to the east of a southern spur of the Stanmore Gravel formation.
- 3.2 The site slopes gently north-south by approximately 0.50m across the site, with ground level at between approximately 94m OD and 93m OD.
- 3.3 The Historic Environment Record (HER) for Essex indicates that the proposed development lies adjacent to a medieval and post-medieval pottery making site, identified from documentary evidence to the east of Goldings Hill. Waste material consistent with pottery production was found a short distance (though not immediately adjacent) to the southeast of the site at No.4 Campions Way during Archaeological Investigation in 2003.

4 ARCHAEOLOGICAL METHODOLOGY

- 4.1 The methodology followed during this watching brief was outlined in the WSI prepared by Tim Bradley, PCA, March 2011.
- 4.2 The excavation of new footings for the proposed building were excavated by tracked machine fitted with a flat-bladed ditching bucket. The trenches measured 0.80m wide x 1.50m deep.
- 4.3 All excavations were closely monitored for archaeological deposits and features. Representative section drawings were made of the deposit sequence within the foundation trenches. A full photographic record was also made.
- 4.4 The site was assigned the code EBSL11.

5 DEPOSIT DESCRIPTIONS

- 5.1 The earliest deposit encountered during the investigations was stiff yellow-brown clay [3]. The clay had a maximum exposed thickness of 1m and was recorded at heights of between in 92.70m OD (0.80 below ground level) Section 1 at and in 92.90m OD (0.60m bgl) in Section 2 (see Fig 3).
- 5.2 This was overlain by a brownish grey sub-angular natural gravel substrate [2]. The top of this deposit was recorded at between 93.1m OD (0.40m below ground level) and 93.20m OD (0.30m below ground level), and it had a maximum thickness of 0.40m.
- 5.3 Overlying the gravel in Section 1 was the modern garden soil [1] and in Section 2, a tarmac surface, both recorded at 93.50m OD.
- 5.4 No archaeological finds, features or deposits of any date were recorded during the archaeological monitoring.

6 INTERPRETATION AND CONCLUSIONS

- 6.1 The clay [1] was interpreted as representing the upper 'weathered' horizon of the Claygate Member deposits. The gravel layer overlying this was also interpreted as a naturally formed drift deposit layer which extends across the site, possibly derived from Stanmore Gravel formation previously recorded to the west of the site.
- 6.2 There was no evidence of any activity of medieval and post-medieval pottery production encountered at this location. Similarly there was no evidence of any other archaeological features or remains observed during this watching brief.
- 6.3. Apart from the probable former use of the land in the past for agricultural purposes and construction of the 1950s bungalow, the site at 10 Broadstrood produced no evidence to suggest occupation prior to the 20th century.

7 ACKNOWLEDGEMENTS

- 7.1 PCA would like to thank CgMs Consulting for commissioning this watching brief.

- 7.2 In addition, the author would like to thank Tim Bradley for his project management and editing, and Josephine Brown for producing the illustrations.

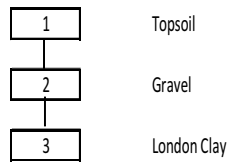
8 BIBLIOGRAPHY

Bradley, T. 2011. *Written Scheme of Investigation for an Archaeological Watching Brief at 10 Broadstrod, Loughton, Essex*. Pre-Construct Archaeology March 2011.

APPENDIX 1: CONTEXT REGISTER

Context	Type	Depth m(bgl)	Description
1	Layer	0	Topsoil
2	Layer	0.3	Natural gravel
3	Layer	0.6	Yellow-brown natural clay

APPENDIX 2: MATRIX



APPENDIX 3: OASIS FORM

OASIS ID: preconst1-95576

Project details

Project name Watching Brief, Broadstrood Loughton Essex

Short description of the project Excavation of footings for new house.

Project dates Start: 07-03-2011

Previous/future work No / Not known

Any associated project reference codes EBSL11 - Sitecode

Type of project Field evaluation

Current Land use Residential 1 - General Residential

Monument type NONE None

Monument type NONE None

Significant Finds NONE None

Significant Finds NONE None

Project location

Country England

Site location ESSEX EPPING FOREST LOUGHTON 10
Broadstrood, Loughton

Postcode IG10 2SB

Study area 225.00 Square metres

Site coordinates TQ 4301 9812 51.6631516209 0.06797912940960 51
39 47 N 000 04 04 E Point

Lat/Long Datum Unknown

Project creators

Name of Organisation Pre-Construct Archaeology Ltd

Project brief originator CgMs Consulting

Project design originator Tim Bradley

Project director/manager Tim Bradley

Project supervisor	Alexander Pullen
Type of sponsor/funding body	Developer
Project archives	
Paper Media available	'Drawing','Matrices','Plan','Section'
Project bibliography 1	
Publication type	Grey literature (unpublished document/manuscript)
Title	Mr
Author(s)/Editor(s)	Pullen, A
Date	2011
Issuer or publisher	PCA
Place of issue or publication	Brockley
Description	Watching brief report. A4 Grey Literature
Entered by	Alexander Pullen
Entered on	8 March 2011

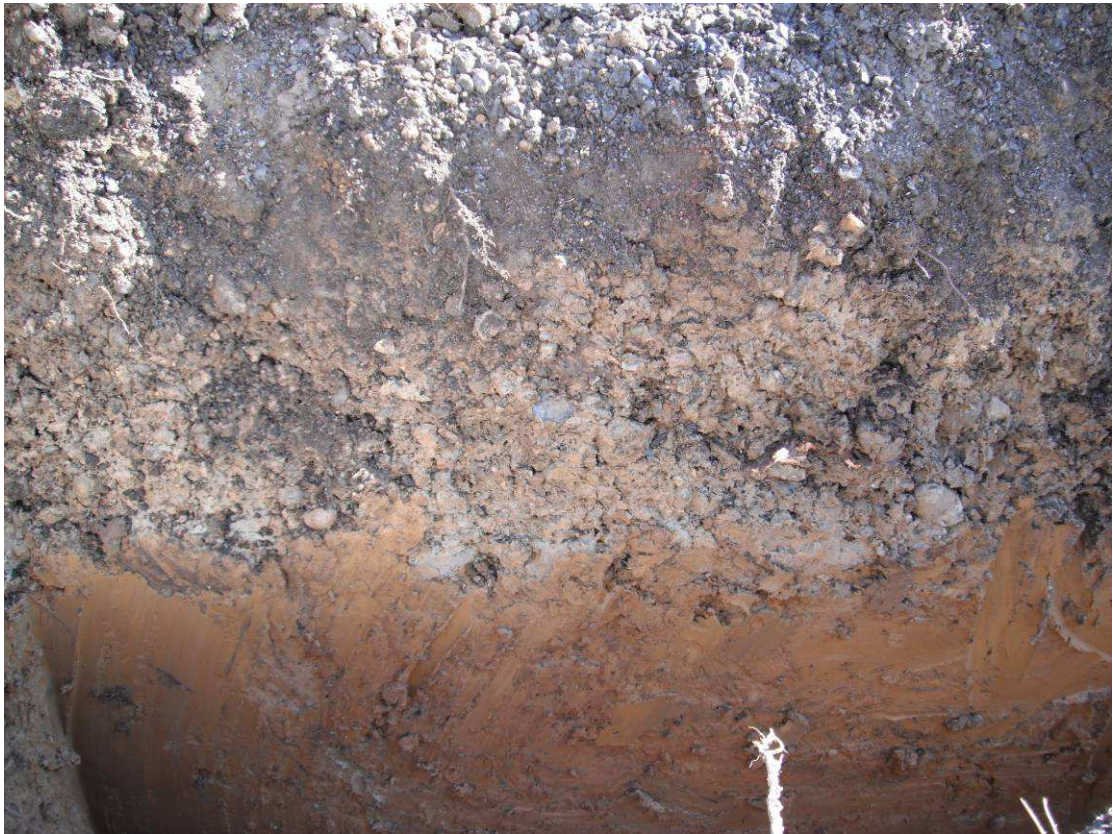
APPENDIX 4: PHOTOGRAPHS



Site view to north



South Facing Shot of Section 1



East Facing Shot of Section 2

PCA

PCA SOUTHERN

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 NORTHERN

UNIT 19A

TURSDALE BUSINESS PARK

DURHAM DH6 5PG

TEL: 0191 377 1111

FAX: 0191 377 0101

EMAIL: info.north@pre-construct.com

PCA CENTRAL

7 GRANTA TERRACE

STAPLEFORD

CAMBRIDGESHIRE CB22 5DL

TEL: 01223 845 522

FAX: 01223 845 522

EMAIL: mhinman@pre-construct.com

