

Archaeological Monitoring of land at 2 Teal Avenue, Orpington

NGR 547510 168410



Report for Iberia Projects and Construction Ltd

Date of Report 20/05/2013

Project Code: TEV15

SWAT ARCHAEOLOGY

Swale and Thames Archaeological Survey Company

The Office, School Farm Oast, Graveney Road

Faversham, Kent ME13 8UP

Tel; 01795 532548 or 07885 700 112

info@swatarchaeology.co.uk www.swatarchaeology.co.uk

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Archaeological Monitoring of land at 2 Teal Avenue, Orpington

Site Code TEV15

Date of report: 28/05/2015



Plate 1. Aerial view of site (red circle) showing the site prior to development.

(GoogleEarth 2015).

1.0 Summary

1.1. On 30th March 2015 Swale and Thames Archaeological Survey Company (SWAT Archaeology) carried out an Archaeological Watching Brief on ground works involved in the build of two maisonettes in conjunction with a two storey rear extension to the existing building (Fig. 1 & Plates 2-4).

1.2. The works were carried out on behalf of the owners and instructions received from L. Johnson of Iberia Projects and Construction Ltd.

1.3. An Archaeological Watch was kept during the machine digging for new foundations and drainage connection (Plates 2-4). The archaeological work was undertaken in one phase.

1.4. The Archaeological Watching Brief was to watch for any archaeological below ground impact.

1.5. The Planning Application Number for the development is: 14/02053/FUL.

1.6. Although the archaeological potential was highlighted by GLAAS the Archaeological Watching Brief revealed no buried archaeological features and no archaeological finds were retrieved.

2.0 Introduction

2.1 Planning Background

Planning application 14/02053/FUL for the build of build of two maisonettes in conjunction with a two storey rear extension to the existing building was submitted to the Local Planning Authority. Mark Stevenson English Heritage Archaeological Advisor (EH GLAAS) on behalf of the Local Planning Authority (LPA) requested that an Archaeological Watching Brief be undertaken in order to record any archaeological remains uncovered during the development work. The following condition (9) was attached to the planning consent:

Condition 9 *‘No development shall take place until the applicant has secured the implementation of a programme of archaeological work in accordance with a written scheme for investigation which has been approved by the Local Planning Authority. The development shall only take place in accordance with the detailed scheme pursuant to this condition. The archaeological works shall only be carried out by a suitably qualified investigating body acceptable to the Local Planning Authority.’*

Reason *The site is of archaeological interest and detailed investigations should be undertaken to enable consideration to be given to preservation in situ and/or recording of items of interest in compliance with Policy BE16 of the Unitary Development Plan.*

3.0 Schedule of Visits

An archaeologist (Dr Paul Wilkinson) from SWAT Archaeology attended the site and monitored the excavation works on 30th March 2015.

4.0 Aims and Objectives

4.1. The reason for the monitoring and recording, were to:

“Contribute to knowledge of the area through the recording of any archaeological remains exposed as a result of excavations in connection with the ground works. Particular attention will be paid to the character, height below ground level, condition, date and significance of the deposits.”

4.2. The ground works were to excavate footings for the proposed development, drain and service runs (Plates 3-4).

4.3. A full programme of proposed works by the contractor were made available to SWAT Archaeology before the on-site monitoring took place.

4.4. Confidence Rating

No factors hindered the recognition of archaeological and deposits during the monitoring and recording exercise.

5.0 Archaeological and Geological Background

5.1. The underlying geology at the site according to the British Geological Survey map is Bedrock geology of Harwich Formation, Sand and Gravel (BSG website 1: 50,000). The geology revealed on site was grey brown sandy silt.

5.2. The application site consisted of an area of backyard to the south of 2 Teal Avenue. The site itself is generally level at a height of about 51m aOD.

5.3. The development site is in an Area of Archaeological Potential, details of which have been sourced by the Greater London HER team at gher@english-heritage.org.uk In the vicinity of the development site the Kent Archaeological Rescue Unit in 1994 undertook certain work that would not have appeared to have been fully recorded but that indicated a buried soil horizon plus a worked flint recovered in the context of a dene hole.

6.0 Methodology

6.1. The Watching Brief was conducted in accordance with the Archaeological Specification compiled by SWAT Archaeology and it also complied with the Institute of Field Archaeologists' Standards and Guidance for Archaeological Watching Briefs (IfA: 1994, revised Oct 2008).

6.2. The works comprised the observation of all ground works, including the inspection of subsoil and natural deposits for archaeological features and finds.

6.3. The Watching Brief was carried out in one phase according to the needs of the building contractors on 30th March 2015.

6.4. Excavation of the foundation trenches was carried out by contractors using a 360 degree machine equipped with a bucket necessary to remove the natural sand (Figs 3-4).

6.5. All excavations were carried out under the constant supervision of Dr Paul Wilkinson MCIfA, an experienced archaeologist.

6.6. Where possible the areas of excavation were subsequently hand-cleaned with the intention of revealing any observed features in plan and section.

6.7. If found archaeological features under threat were to be excavated to enable sufficient information about form, development date and stratigraphic relationships to be recorded without prejudice to more extensive investigations, should these prove to be necessary.

6.8. The archaeological watching brief was carried out in accordance with current IfA Standards and Guidance, (IfA: 2008), and methodology discussed with the EH GLAAS Archaeological Officer.

7.0 Results

7.1 General

No archaeological features or finds were revealed or recovered. The subsoil encountered across the site sand, silt and was overlaid by made-up ground with inclusions of bricks and crushed concrete pieces with no archaeological features revealed in the natural geology (Figures. 2-4).

8.0 Finds

No buried archaeological features were located in the Archaeological Monitoring phase and no finds were retrieved.

9.0 Discussion

The development site is in an area of medium potential and no archaeology was revealed on the development site.

10.0 Conclusion

The Archaeological Monitoring has fulfilled the primary aims and objectives of the Specification. As far as it is known no buried archaeological features have been affected as a result of the development.

11.0 Acknowledgments

SWAT Archaeology would like to thank Len Johnson for commissioning the project.

A handwritten signature in black ink that reads "Paul Wilkinson". The signature is written in a cursive, slightly slanted style. It is enclosed within a thin, double-lined rectangular border.

Paul Wilkinson, PhD., FRSA., MCIFA.

References

HER data (EH GLAAS 2013)

IFA (1994 & 2008) Standards and Guidance for Archaeological Watching Briefs

Swat Archaeology. Archaeological Watching Brief Specification (3/7/2014)

Appendix 1
EH GLAAS HER Summary Form

Site Name: Development site at 2 Teal Avenue, Orpington

Site Code: TEV15

Site Address: As above

Summary:

Swale and Thames Survey Company (SWAT) carried out Archaeological Monitoring on the development site above. The site has planning permission for the building of two maisonettes (14/02953/FUL) whereby EH GLAAS requested that Archaeological Monitoring be undertaken to determine the possible impact of the development on any archaeological remains.

The Archaeological Monitoring consisted of one site visit which encountered no buried archaeological features or artefacts.

District/Unitary: London Borough of Bromley

Period(s):

Type of Archaeological work: Archaeological Monitoring

Date of recording: March 2015

Unit undertaking recording: Swale and Thames Survey Company (SWAT. Archaeology)

Geology: Underlying geology is sandy silt.

Title and author of accompanying report: Wilkinson P. (2015) Archaeological Monitoring at 2 Teal Avenue Orpington

Summary of fieldwork results (begin with earliest period first, add NGRs where appropriate)

See above

Location of archive/finds: SWAT. Archaeology, Graveney Rd, Faversham, Kent. ME13 8UP

Contact at Unit: Paul Wilkinson

Date: 28/05/2015

Plates



Plate 2. General view of site with foundation trenches excavated, (looking north)



Plate 3. The site showing ground works for drain connection (looking east)



Plate 4. Foundation trench showing geology (facing north)



30 15 0 30 m

Scale 1:1250



2 Teal Avenue

Supplied by: National Map Centre Kent
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**Orpington
 BR5 3NE**

Plot centre co-ordinates: 547528, 168410
 Download file: Print52611_1499132
 Project name: teal