

# Archaeological Monitoring on land at 25 Hillydeal Road, Otford, Sevenoaks, Kent TN14 5RT

Planning Application Number: 23/01019/FUL

Site Code: HILLY/WB/23



Date of report 24/10/2023

V2

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## **1. Summary**

*In October 2023 SWAT Archaeology carried out a programme of archaeological monitoring and recording on land at 25 Hillydeal Road, Otford in Kent. The works were commissioned by the landowner and carried out during the excavation of ground works associated with the new development of a replacement dwelling.*

*The Watching Brief was conducted in accordance with an archaeological Watching Brief Written Scheme of Investigation provided by SWAT Archaeology.*

*Despite the potential for the presence and survival of archaeological remains, no archaeological features or finds were recorded during the archaeological monitoring works.*

## **2.0 Introduction**

The proposed development area (PDA) is situated on land at 25 Hillydeal Road, Otford in Kent. The NGR to the centre of the site is NGR 553442 159894 (Figures 1-2).

### **2.2 Planning Background**

The land has a planning permission for the demolition of the existing dwelling and the erection of a replacement dwelling. The Local Planning Authority's (Sevenoaks District Council) planning reference for the proposal is 23/01019/FUL

The following Condition (4) requiring a programme of archaeological monitoring was attached to the planning consent:

*(4) Prior to the commencement of development the applicant, or their agents or successors in title, will secure and implement:*

*i archaeological field evaluation works in accordance with a specification and written timetable which has been submitted to and approved by the Local Planning Authority; and ii and further archaeological investigation, recording and reporting, determined by the results of the evaluation, in accordance with a specification and timetable which has been submitted to and approved by the Local Planning Authority.*

*To ensure that features of archaeological interest are properly examined and recorded as supported by the NPPF and policy EN4 of the ADMP.*

## **3.0 Schedule of Visits**

An archaeologist suitably experienced attended the site (Dr Paul Wilkinson MCIfA) and closely monitored the excavation works on the 16th, 17<sup>th</sup> & 19<sup>th</sup> October 2023.

### **4.1 Aims and Objectives**

4.1. The specific aims of the archaeological work and objectives of the monitoring were therefore to:

- To ensure the archaeological excavation and monitoring of all aspects of the development programme likely to affect buried archaeological remains;
- To secure the adequate recording of any archaeological remains revealed by the development programme;

- To secure the full analysis and interpretation of the site archive and the appropriate publication of the project results, if required;
- To secure the analysis, long term conservation and storage of the project archive.

4.2 The specific archaeological requirements of the watching brief are summarised below;

- Monitoring of all ground works;
- Mitigation by a programme of archaeological excavation and recording in the event that additional archaeological remains are encountered;
- Post-excavation and publication, where required.

4.2. Proposed Groundworks.

The ground works were to excavate the ground for concrete foundations (Plates 1-8. Figures 1-3).

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 geology of the site according to the British Geological Survey is West Melbury Marly Chalk Formation. The Ordnance Datum for the site is about 85m aOD.

5.2 The proposed development area (PDA) is within an Area of Archaeological Potential and a search of the KCCHER highlights that about 100m NE a Neolithic settlement, Romano-British finds and a Bronze Age cinerary urn have been found (TQ 56 SW 27). In addition at about 300m NNW Mesolithic flints have been found (TQ 56 SW 21).

## **6.0 Methodology**

6.1. The Archaeological Investigations were conducted in accordance with the Archaeological Specification provided by SWAT Archaeology.

6.2 The works comprised the close monitoring and supervision of all ground works, including the inspection of subsoil and natural deposits for archaeological features and finds. All fieldwork was conducted in accordance with the methodology set out in the SWAT WSI and carried out in compliance with the standards outlined in the Chartered Institute for Archaeologists' Standards Guidance for Archaeological Watching Brief (CIfA 2017).

6.3. All excavation was carried out under the constant supervision of an experienced archaeologist (Dr Paul Wilkinson MCIfA).

6.4. Where possible some areas of excavation were subsequently closely examined with the intention of revealing any observed features in plan and section but no features were revealed.

6.5. 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.

6.6 Excavation of the area for the concrete foundation footings was carried out by building contractors digging with a large machine (Plates 1-8). All areas of excavation were carried out under the constant supervision of an experienced archaeologist and inspected and recorded by the archaeologist in attendance (See Table 1, below).

### **6.8 Timetable**

Archaeological monitoring was carried out on the following days;

<b>Task</b>	<b>Date</b>	<b>Staff</b>
Archaeological monitoring	16, 17, 19th October 2023	Paul Wilkinson SWAT

**Table 1 Attendance Schedule**

## 6.9 Recording

6.9.1 A complete drawn record comprising both plans and sections, drawn to appropriate scales (1:20 for plans, 1:10 for sections) was undertaken. Where appropriate, the plans and sections were annotated with coordinates and aOD heights and form part of the site archive.

6.9.2 Photographs were to be taken as appropriate providing a record of excavated footings but no features or archaeological deposits were revealed. The record also includes images of the site overall. The photographic record comprises digital photography. A photographic register of all photographs taken is contained within the project archive (Plates 1-8).

6.9.3 A single context recording system was used to record the deposits. A full list is presented in Table 2 below. Layers and fills are identified in this report thus (001), whilst the cut of any features is shown [100]. Context numbers were assigned to all deposits for recording purposes.

6.9.4 Stratigraphic Sequence

6.9.5 The stratigraphic sequence recorded during the archaeological works remained relatively consistent across all areas of the site, comprising areas of subsoil. The following table provides detailed description of each stratigraphic context.

<b>Context Number</b>	<b>Description</b>	<b>Interpretation</b>
001	Topsoil	Overburden (Plates 1-3)
002	Grey Yellow sandy subsoil	Natural (Plates 2-8)

*Table 2 Stratigraphic Sequence and Register of Contexts*

6.10. The site produced no archaeological features or deposits or finds and no environmental potential was recognised on site.

The Site Archive, which will include; paper records, photographic records, graphics and digital data, will be prepared following nationally recommended guidelines (SMA 1995; ClfA 2017. All archive elements will be marked with the site/accession code, and a full index will be prepared. The physical archive comprises 1 file/document case of paper records & A4 graphics and CD for photo archive.

## **6.11 Results**

6.11.1 No archaeological features or finds were revealed or recovered. The natural geology encountered across the site was grey yellow sandy subsoil. No archaeological features were revealed in the subsoil or natural geology and no archaeological finds retrieved from the area watched (Figures 1-4). The excavation for footings was about 1.50m deep with topsoil about 20cm thick. OD height across the PDA was about 85m aOD (Plates 1-6). Overall areas watched were the excavation for foundation footings of the proposed new build (Figures 1-3).

## **7.0 Finds**

No finds were retrieved.

## **8.0 Discussion**

The development site is in an area of high archaeological potential. However, no archaeology was revealed on the development site.

## **9.0 Conclusion**

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

## **10.0 Acknowledgments**

SWAT Archaeology would like to thank the landowner/developer for commissioning the project. Fieldwork was undertaken and report written by Dr Paul Wilkinson MClfA.

## 11.0 REFERENCES

ADS 2013. Caring for Digital Data in Archaeology: a guide to good practice, Archaeology Data Service & Digital Antiquity Guides to Good Practice

Chartered Institute for Archaeologists, 2014, updated 1st October 2020 *Standard and guidance: for watching Brief.*

Chartered Institute for Archaeologists, 2014, updated 1<sup>st</sup> October 2020. *Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives.*

SMA 1993. *Selection, Retention and Dispersal of Archaeological Collections*, Society of Museum Archaeologists.

### **Appendix 1 KCCHER Summary Form**

**Site Name:** Development of land at 25 Hillydeal Road, Otford, Sevenoaks, Kent

**SWAT Site Code:** HILLY/WB/23

**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 development whereby the KCC Archaeological Officer requested that Archaeological Watching Brief be undertaken to closely monitor the possible impact of the development on any archaeological remains.

The Archaeological Monitoring consisted of site attendance and supervision which encountered no buried archaeological features or artefacts.

**District/Unitary:** Sevenoaks District Council

**Period(s):**

**NGR (centre of site to eight figures)** NGR 553442 159894

**Type of Archaeological work:** Archaeological Watching Brief

**Date of recording:** October 2023

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

**Geology:** Bedrock geology of West Melbury Marly Chalk Formation

**Title and author of accompanying report:** Wilkinson P. (2023) Archaeological Watching Brief on land at 25 Hillydeal Road, Otford, Sevenoaks, Kent

**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

Plates



Plate 1. Setting out and starting ground reduction (looking East)



Plate 2. Ground reduction (looking South)



Plate 3. Ground reduction (looking East)



Plate 4. Ground reduction (looking West)



Plate 5. Ground reduction (looking NE)



Plate 6. Ground reduction (looking NW)



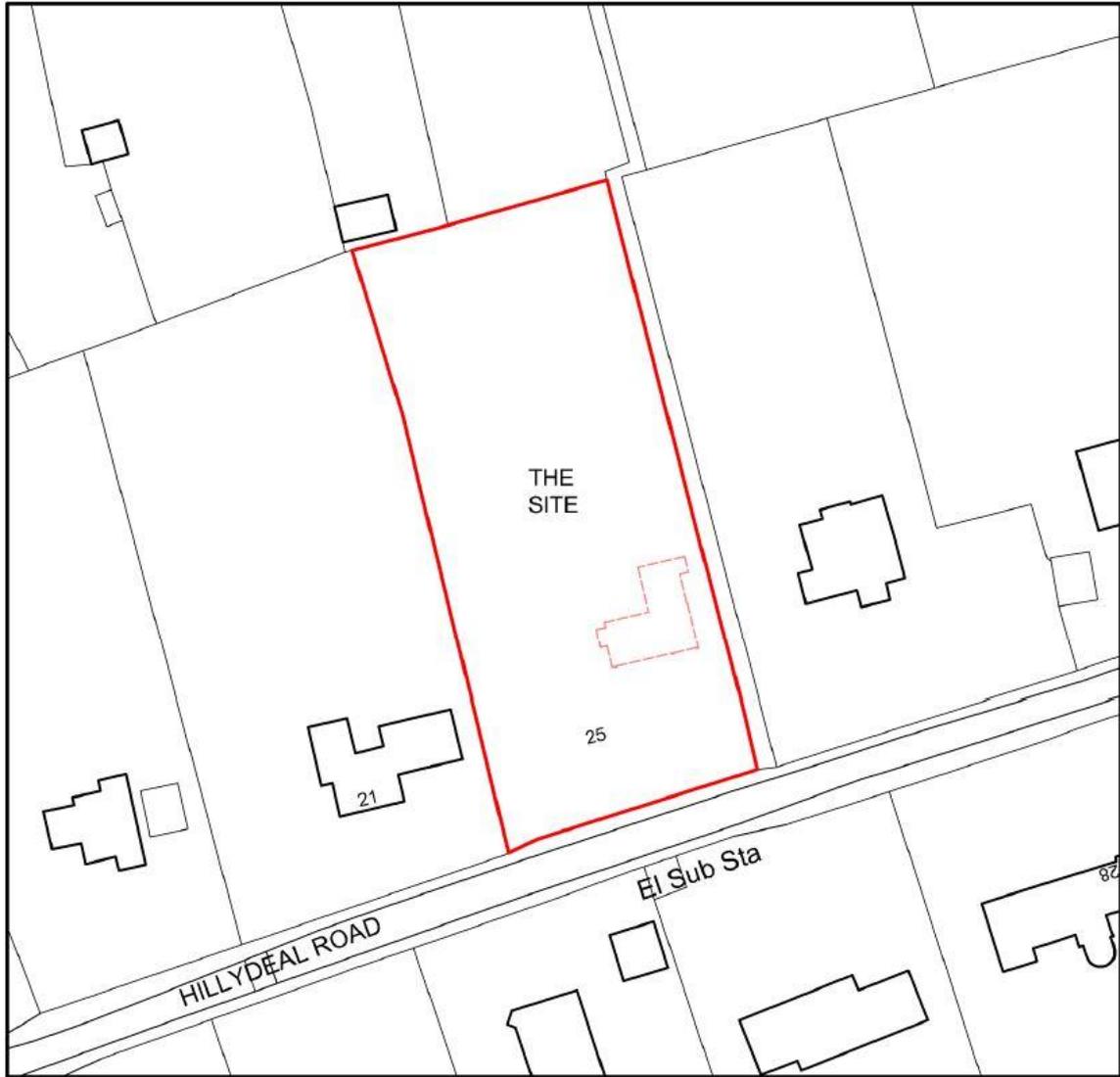
Plate 7. Completed ground reduction (looking East)



Plate 8. Completed ground reduction (looking South)



Figure 1. KCHER map of site location at NGR 553442 159894 (red arrow)



# Site location plan

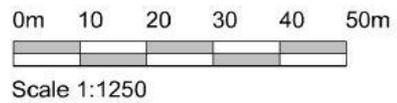


Figure 2. OS plan of proposed area of development (red line)

