

Archaeological Monitoring on land at Northview Nursery, Clement Street, Swanley, Kent

Planning Application Number: DA/21/01640/FUL

Site Code: NNC/WB/23



Date of report 13/03/2023

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

Contents

1.0 SUMMARY.....	3
2.0 INTRODUCTION.....	4
2.2 PLANNING BACKGROUND.....	4
3.0 SCHEDULE OF VISITS.....	4
4.0 AIMS AND OBJECTIVES.....	4
4.2 PROPOSED GROUNDWORKS.....	5
4.4 CONFIDENCE RATING.....	6
5.0 ARCHAEOLOGICAL & GEOLOGICAL BACKGROUND.....	6
6.0 METHODOLOGY.....	6
7.0 FINDS.....	8
8.0 DISCUSSION.....	8
9.0 CONCLUSION.....	9
10.0 ACKNOWLEDGMENTS.....	9
11.00 REFERENCES.....	9
APPENDIX 1 - KCC HER Summary Form.....	10

Plates 1-6. General views of the site and site trenching

List of Figures

Figure 1. KCCHER existing site plan

Figure 2. Proposed site plan

Figure 3. OS site location

Conditions of Release

All rights including translation reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means electronic, mechanical, photocopying, recording or otherwise without prior written permission from SWAT Archaeology.

1. Summary

In March 2023 SWAT Archaeology carried out a programme of archaeological monitoring and recording on land at Northview Nursery, Clement Street, Swanley 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 residential 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 Northview Nursery, Clement Street, Swanley in Kent. The NGR to the centre of the site is 554197 170541 (Figures 1-2).

2.2 Planning Background

The land has a planning permission (21/01640/FUL) from Dartford Borough Council for the removal of building materials and redevelopment of the site to provide 1no. residential dwelling with associated access, parking and amenity space.

The following Condition (03) requiring a programme of archaeological monitoring was attached to the planning consent:

(03) No development shall take place until the applicant, or their agents or successors in title has secured the implementation of a watching brief to be undertaken by an archaeologist approved by the Local Planning Authority so that the groundworks are observed and items of interest and finds are recorded. The watching brief shall be in accordance with a written scheme of investigation which has been submitted to and approved by the Local Planning Authority.

3.0 Schedule of Visits

An archaeologist suitably experienced attended the site (Paul Wilkinson SWAT) and closely monitored the excavation works on 8th and 9th March 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 footings and drainage runs (Plates 1-6. Figures 1-4).

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 geology of the site according to the British Geological Survey is set on bedrock of Lewes Nodular Chalk Formation. Superficial deposits are not recorded but exposed on site as grey/brown sandy silt. The Ordnance Datum for the site is about 32m aOD.

5.2 The proposed development area (PDA) is within an Area of Archaeological Potential and about 125m to the east a Roman pit has been identified (TQ 57 SW 1089). About 425m to the south-west a Late Iron Age farmstead has been found (TQ 57 SW 155).

KCC Heritage have commented that:

“The site lies within an area of multi-period archaeological potential with Romano-British remains recorded c.130m to the east. The proposed new dwelling will part overly the footprint of one of the former buildings and it is possible that past development at the site may have in part impacted on any below-ground archaeological remains.”

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 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 (Paul Wilkinson SWAT).

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 small machine (Plates 1-6). 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;

Task	Date	Staff
Archaeological monitoring	8 th March 2023 9 th March 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 1-6).

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.

6.9.6

Context Number	Description	Interpretation

001	Snow and topsoil	Overburden (Plates 1-3)
002	Brown/grey silty subsoil	Natural (Plates 2-6)

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 brown sandy silty 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 square trenching for footings was about 1.50cm deep with subsoil about 20cm thick overlaid by snow and earth. OD height across the PDA was about 32m aOD (Plates 1-6). Overall areas watched were the footprint foundation footings of the proposed residential dwelling and drainage runs (Figures 1-6).

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 MCIfA.

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 1st 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 Northview Nursery, Clement Street, Swanley, Kent BR8 7PQ

SWAT Site Code: NNC/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: Dartford Borough Council

Period(s):

NGR (centre of site to eight figures) 554197 170541

Type of Archaeological work: Archaeological Watching Brief

Date of recording: March 2023

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

Geology: Bedrock geology Lewes Nodular Chalk Formation- Chalk

Title and author of accompanying report: Wilkinson P. (2023) Archaeological Watching Brief at Northview Nursery, Clement Street, Swanley, Kent BR8 7PQ

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. Foundation footings (looking North)



Plate 2. Footings (looking North)



Plate 3. Foundation footing (looking NNE)



Plate 4. Foundation footing (looking East)



Plate 5. Foundation trenches (looking North)



Plate 6. Foundation and drainage trenches (looking NE)



Figure 1. KCCHER map of site location (red arrow)



Figure 2. Proposed area of development at NGR 554197 170541 (red line buildings demolished and proposed build in grey with red arrow)

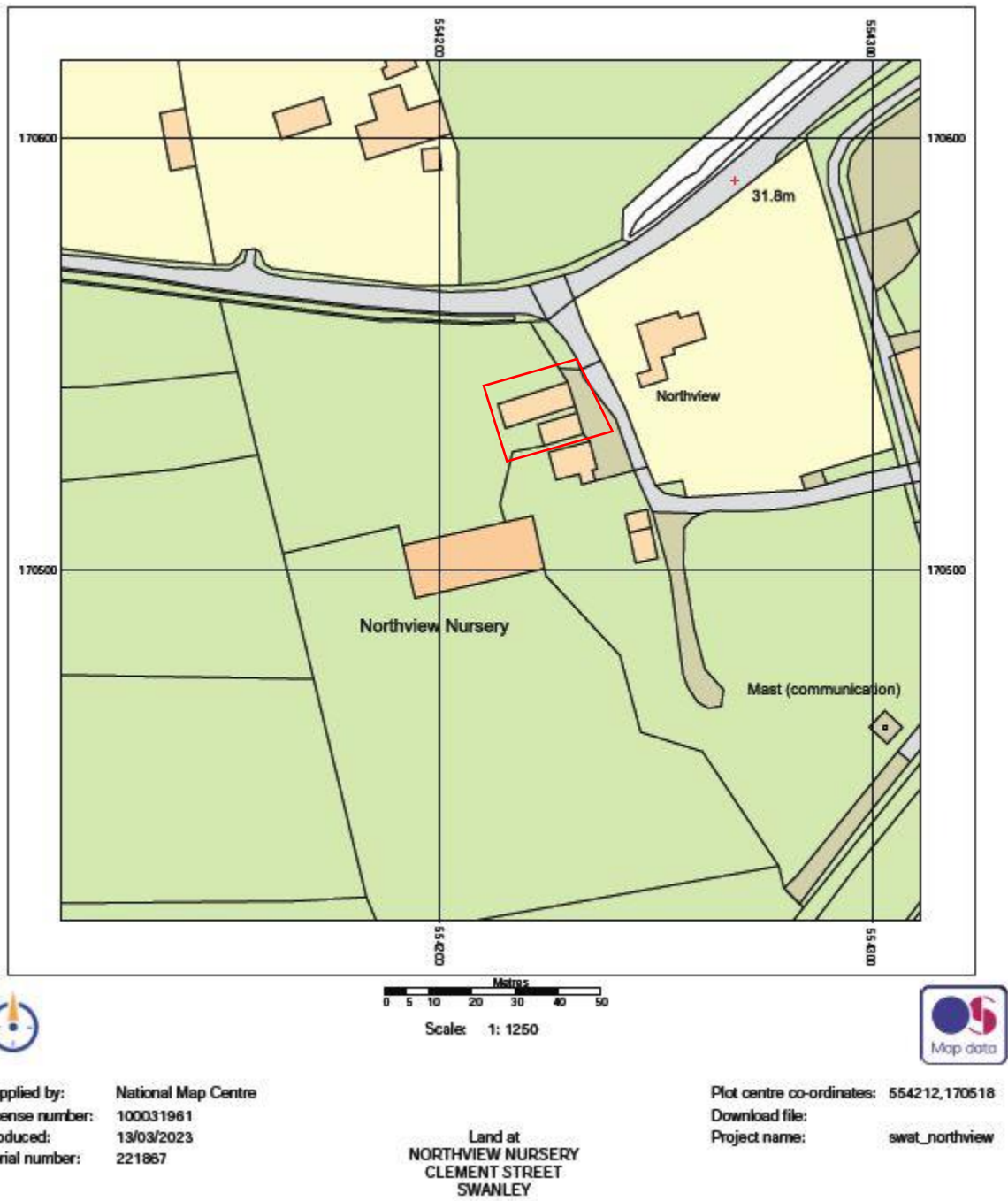


Figure 3. Proposed development and area watched (red line)