

Archaeological Watching Brief on land adjacent to Holy Trinity School, 99 Dumpton Park Drive, Broadstairs, Kent

Site Code CDR/WB/18



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Site Code CDR/WB/18
NGR 639165 166229



AP 1. Aerial view of site (red target) showing the site before development.

(Google Earth 2017: Eye altitude 501m).

1.0 Abstract

1.1. In September to December 2018 Swale and Thames Archaeological Survey Company (SWAT Archaeology) carried out an Archaeological Watching Brief on ground works involved in the construction of a housing estate at 99 Dumpton Park Drive, Broadstairs in Kent. (Figure 2 and Plates 1-25).

1.2. An Archaeological Watch was kept during the excavation of access roads, house foundations and services of the site. (Plates 1-25).

1.3. The archaeological work was undertaken in a continuous phase of work from September to December 2018 (Plates 1-25).

1.4. The Archaeological Watching Brief was to watch for any signs of archaeological activity. In particular, any evidence of archaeological activity associated with the known archaeological sites in the area included on the KCCHER data.

1.5. The Planning Application Number for the development is Thanet District Council (TH/17/1144).

1.6. Although the archaeological potential has been highlighted by KCC Heritage Conservation the Archaeological Watching Brief revealed no buried archaeological features and no archaeological finds were retrieved.

2.0 Introduction

2.1 The site is located on land adjacent to Holt Trinity Church, Broadstairs in Kent. The site itself is level at about 22m AOD (Figure 1).

2.2 Planning Background

The site has planning permission for the erection of 28 no. dwellings with associated access from Cliffside Drive.

The following Condition (13) requiring a programme of archaeological monitoring was attached to the planning consent:

Prior to commencement of the development hereby approved, the applicant, or their agents or successors in title, shall secure the implementation of a watching brief to be undertaken by an archaeologist approved by the Local Planning Authority so that the excavation is observed and items of interest and finds are recorded. The watching brief shall be in

accordance with a written programme and specification, which has been submitted to and approved in writing by the Local Planning Authority.

GROUND: To ensure that features of archaeological interest are properly examined and recorded in accordance with the NPPF.

3.0 Schedule of Visits

An archaeologist suitably experienced attended the site (Geoff Morley MCIfA., SWAT Archaeology) and monitored the excavation works for 19 days from September to December 2018.

4.0 Aims and Objectives

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

“3.1 The objectives of the archaeological watching brief are to contribute to heritage knowledge of the area through the recording of any archaeological remains exposed as a result of excavations in connection with the groundworks. Particular attention will be made to the character, height below ground level, condition, date and significance of the deposits.”

4.2. The ground works comprise the development of 28 dwellings, access roads and infrastructure (Plates 1-25).

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 is Bedrock Geology of Margate Chalk Member- Chalk whilst the Superficial Deposits are not recorded.

The geology revealed on site in the location of Plots 11 and 12 were parts of the chalk natural which showed high levels of erosion during the immediate post glacial period as the upper surface of the chalk was pitted with holes and not just eroded into aeolian sands as had happened with the upper parts of the site (Plates 1-10).

5.2. KCCHER entries for the location show that 75m N Mid-Late Bronze Age Settlement (TR 36 NE 225), 100m NNE two WWII bomb craters (TR 36 NE 407), 210m E Macula cropmark features (TR 36 NE 222), 25m SSE WWII pillbox (MWX 43086), 300m SSW Iron Age ditches and pit (TR 36 NE 465).

6.0 Methodology

6.1. The Watching Brief was conducted in accordance with the Archaeological Specification compiled by SWAT Archaeology (2018) and it also complied with the Chartered Institute of Field Archaeologists' Standards and Guidance for Archaeological Watching Briefs (CIfA: Dec 2017).

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 according to the needs of the building contractors from September to December 2018.

6.4. Excavation of the area was carried out by contractors using a 360 degree machine equipped with a toothless bucket necessary to remove the topsoil down to formation level.

6.5. All excavation was carried out under the constant supervision of an experienced archaeologist (Geoff Morle MCIfA).

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 ClfA Standards and Guidance, (ClfA: 2017), and methodology discussed on a number of occasions with the Senior Archaeological Officer KCC.

7.0 Results

7.1 General

Part of the site had been minimally truncated and other parts had had soil deposited on them, leaving some moderately recently buried topsoil. It is likely that this came from the construction of the adjoining houses on Cliffside Drive as the material was of late 20th century date, as dated by crisp packets etc, and comprised both brickearth and chalk showing deep excavations had taken place.

Plough marks were seen in Plots 3 and 4 running from southeast to northwest, (007) and (008) these may be fairly recent in date.

In Plot 22 was what appeared to be a Badger disturbance, possibly part of an old sett which had collapsed in antiquity.

Other than these areas the majority of the site comprised a standard stratigraphic sequence of Chalk (002) at the base, with (013) weathered chalk deposits above this, above this again was (003) Head/ Brickearth and above this again was the original topsoil (001/010).

8.0 Finds

No finds were retrieved.

9.0 Discussion

The development site is in an area of archaeological potential. However, little archaeology was revealed on the development site.

10.0 Conclusion

The Archaeological Monitoring 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.

11.0 Acknowledgments

SWAT Archaeology would like to thank the developer for commissioning the project. Fieldwork was undertaken by Geoff Morley MCIfA and report written by Dr Paul Wilkinson MCIfA.

Appendix 1

Kent County Council HER Summary Form

Site Name: Development of land adjacent to Holy Trinity School, 99 Dumpton Park Drive, Broadstairs, Kent

SWAT Site Code: CDR/WB/18

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 erection of 28 dwellings whereby Kent County Council Heritage and Conservation (KCCHC) requested that an Archaeological Watching Brief be undertaken to determine the possible impact of the development on any archaeological remains.

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

District/Unitary: Thanet District Council

Period(s):

NGR (centre of site to eight figures) 639165 166229

Type of Archaeological work: Archaeological Watching Brief

Date of recording: Sept-December 2018

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

Geology: Bedrock geology is Margate Chalk Member- Chalk

Title and author of accompanying report: Wilkinson P. (2019) Archaeological Watching Brief on land adjacent to Holy Trinity School, 99 Dumpton Park Drive, Broadstairs, Kent

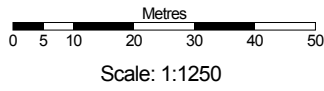
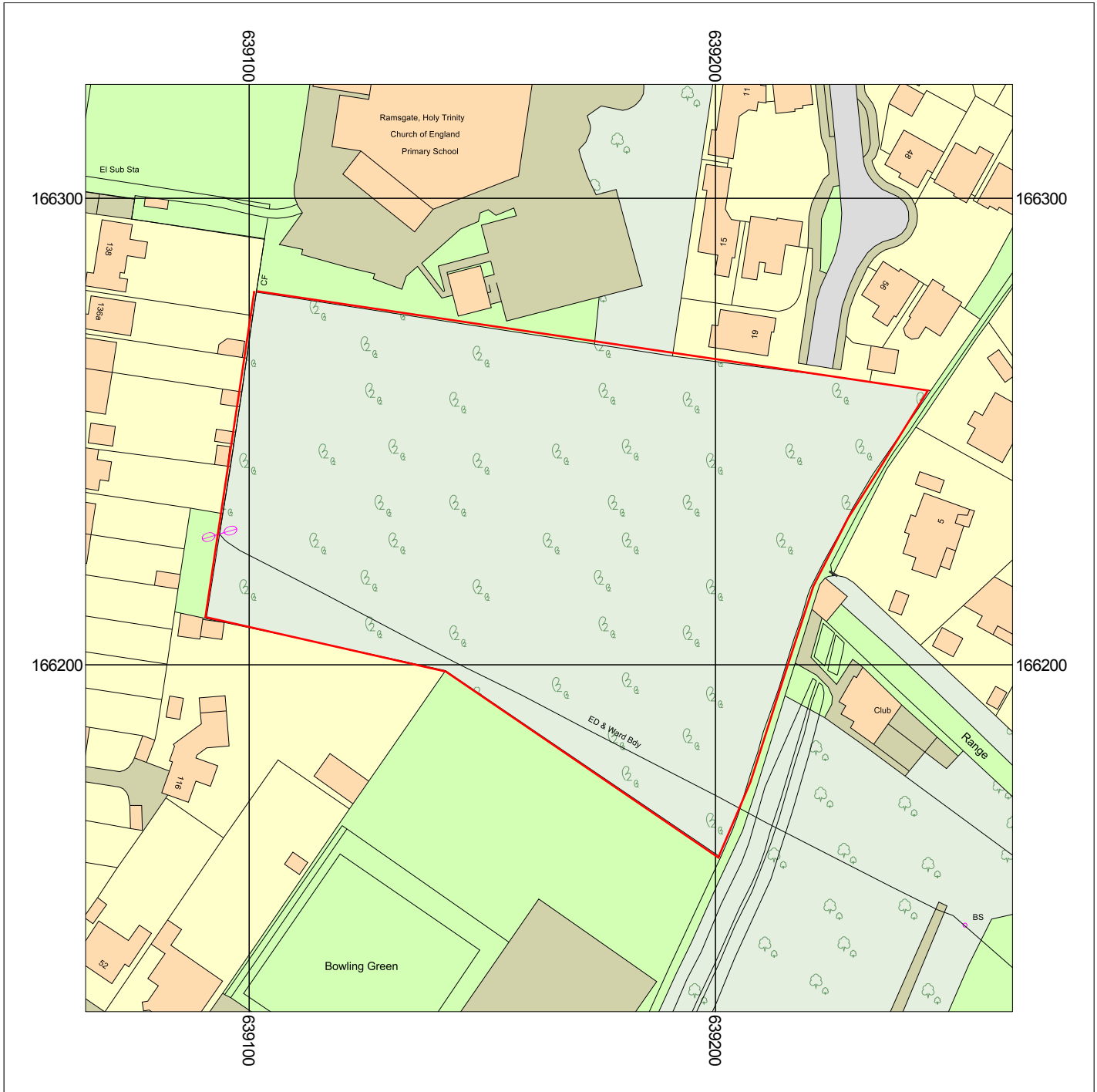
Summary of fieldwork results (begin with earliest period first, add NGRs where appropriate)

See above

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

Contact at Unit: Paul Wilkinson

Figure 1
Location of site



Supplied by: National Map Centre
License number: 100031961
Produced: 30/04/2018
Serial number: 1978265

Plot centre co-ordinates: 639164,166225
Download file: swat_parkdrive.zip
Project name: swat_parkdrive

DO NOT SCALE FROM THIS DRAWING
ALL DIMENSIONS TO BE VERIFIED BY THE CONTRACTOR ON SITE



Figure 2 showing location of plots watched

ACCOMMODATION SCHEDULE - 28 UNITS

- Type A - 5B 9P @ 206.6 sqm (detached) x2
- Type B - 4B 8P @ 148.3 sqm (detached) x7
- Type C - 4B 7P @ 145.0 sqm (semi-detached) x4
- Type D - 4B 6P @ 128.1 sqm (detached) x4
- Type E - 3B 5P @ 116.4 sqm (detached/semi/terrace) x6
- Type F - 3B 6P @ 114.3 sqm (detached) x1
- Type G - 2B 4P @ 76.8 sqm (terrace) x4

MATERIALS SCHEDULE

- Tarmac
- Resin bound gravel
- Block Paving
- Pemeable Block Paving
- Granite setts
- 1.8m high closeboard fence
- 1.0m high post & rail fence

HIGHWAYS

- All roads to remain un-adopted
- All roads designed to adoptable standards.
- All roads constructed to adoptable standards.
- Forward visibility of 18m at site entrance
- 25 x 2 x 25m visibility splay at junction within site.
- Fully tracked for 11.2m refuse vehicle
- Parking provision meets KCC Highways standards.
- Note: New perimeter fences to be 2.1m high closeboard. final details to be agreed by condition.

REV	DESCRIPTION	DATE	BY	CHKD
E	Plot 1 - footprint updated to show gate footage	Nov'17	ARJ	
B	Trees coordinated with landscape design	Nov'17	ARJ	
C	Red alle boundary line removed	Nov'17	ARJ	
B	Boundary information added	Nov'17	ARJ	
A	Highways design updated	Sep'17	ARJ	

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client details
Sunningdale House Developments Ltd.

project details
Land Adjacent to Cliffside Drive,
Broadstairs

drawing title
Proposed Site Plan
Ground Floor

date scale drawn by checked by
June '17 1:200@A1 ARJ

project no.	drawing no.	revision
1401	003	E

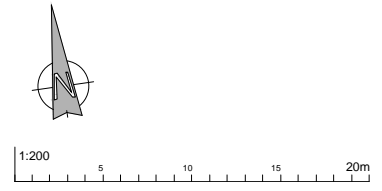




Plate 1. View of Site (Google Earth)



Plate 2. General view of the depth of road strip and house platform strips.



Plate 3. House Plot 1 Section



Plate 4. House Plot 2 Section



Plate 5. House Plot 3 Section



Plate 6. House Plot 4 Section



Plate 7. House Plot 6 Section



Plate 8. House Plot 6 Section 6/3



Plate 9. House Plot 7 Section



Plate 10. House Plot 8 Section



Plate 11. House Plot 9 Section



Plate 12. House Plot 10 Section



Plate 13. House Plot 11 Section



Plate 14. House Plot 12 Section



Plate 15. House Plot 13 Section



Plate 16. House Plot 14 Section



Plate 17. House Plot 15 Section



Plate 18. House Plot 16 Section



Plate 19. House Plot 17 Section



Plate 20. House Plot 20 Section



Plate 21. House Plot 21 Section



Plate 22. House Plot 22 Section



Plate 23. House Plot 23 Section



Plate 24. House Plot 24 Section



Plate 25. House Plot 28 Section