

**DOLPHIN FIELD, ROMAN ROAD,  
TWYFORD, HAMPSHIRE**

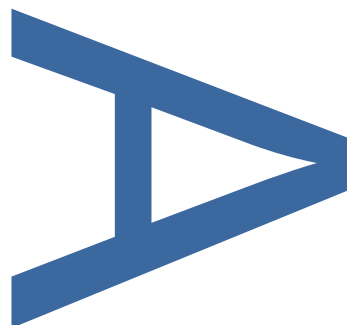
**REPORT ON ARCHAEOLOGICAL  
WATCHING BRIEF**

**LOCAL PLANNING AUTHORITY:  
SOUTH DOWNS NATIONAL PARK**

**PLANNING REF:  
SDNP/19/01067/DCOND**

**PCA REPORT NO: 13888  
SITE CODE: AY666**

**OCTOBER 2019**



**PRE-CONSTRUCT ARCHAEOLOGY**

# **DOLPHIN FIELD, ROMAN ROAD, TWYFORD, HAMPSHIRE: REPORT ON ARCHAEOLOGICAL WATCHING BRIEF**

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<b>Issue 1:</b>	<b>Issued for Approval</b>
<b>Local Planning Authority</b>	<b>Winchester City Council</b>
<b>Planning Reference</b>	<b>SDNP/19/01067/DCOND</b>
<b>NGR:</b>	<b>448327 124462</b>
<b>Site Code:</b>	<b>AY666</b>
<b>Prepared for:</b>	<b>Mr &amp; Mrs Marlow</b>
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**16<sup>th</sup> October 2019**

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## DOCUMENT VERIFICATION

**Site Name:** Dolphin Field, Roman Road, Twyford, Hampshire

**Type of project:** Archaeological Watching Brief

**Report:** R13888

### Quality Control

<b>Pre-Construct Archaeology Limited Project Code</b>		<b>K6221</b>
	<b>Name &amp; Title</b>	<b>Date</b>
<b>Written by:</b>	D. McAtominey	10/10/2019
<b>Graphics by:</b>	D Valk	15/10/2019
<b>Graphics checked:</b>	M Roughley	15/10/2019
<b>Project Manager:</b>	P. McCulloch, Regional Manager	16/10/2019

<b>Revision No.</b>	<b>Checked</b>	<b>Approved</b>	<b>Date</b>

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## **1 ABSTRACT**

Pre-Construct Archaeology Ltd was appointed by Mr & Mrs Marlow to undertake an archaeological watching brief during building works to form an extension at Dolphin Field, Roman Road, Twyford, Hampshire.

The watching brief was carried out in accordance with the Written Scheme of Investigation in visits between the 12th August and 16th September 2019. Visits coincided with the reduction of levels across the extension footprint ahead of piling operations and during the excavation of service trenches and a shallow soakaway to the required levels.

The horizontal deposit sequence was consistent across the Site and in keeping with the sequence observed during the evaluation. No natural deposits were observed. The service trenches, up to 500mm below ground level, and reduced level beneath the extension footprint revealed light grey-brown silty clay beneath subsoil a thin topsoil.

The watching brief revealed no significant archaeological features or artefacts. The groundwork for the extension was carried out in accordance with the agreed scheme of foundations and services.

## **2 INTRODUCTION**

### **2.1 Project Background**

2.1.1 Pre-Construct Archaeology Ltd (PCA) was appointed by CFW Architects on behalf of Mr & Mrs Marlow (the Client) to undertake an archaeological watching brief during building works to form an extension at Dolphin Field, Roman Road, Twyford, Hampshire, (NGR 448327 124462), hereafter 'the Site' (**Figure 1 & 2**).

2.1.2 The requirement for a watching brief and reporting was secured by an archaeological condition of planning consent for the extension granted by the South Downs National Park Authority (Planning Reference 19/01067/DCOND) and followed an archaeological evaluation (Vasileiadou & Russel 2018). The evaluation identified deposits containing Roman material were covered by some 700mm to 800mm of post-Roman colluvium of low archaeological value to the east of the existing house.

2.1.3 The aims and methodology of the watching brief were set out in a Written Scheme of Investigation required by the planning condition (Anderson 2019). This set out how the extension was proposed to be built on a concrete slab supported by piles. The height of the formation of the slab was intended to avoid impact on the archaeological potential beneath the Site; impact on the archaeological potential would be restricted to the agreed piled foundations impact. The watching brief was necessary to ensure the groundworks followed the agreed approach and were recorded and to investigate any archaeological remains revealed unexpectedly.

2.1.4 This document provides the results of the watching brief, which was carried out in monitoring visits made to the Site between 12<sup>th</sup> August and 16<sup>th</sup> September 2019.

2.1.5 This document has been prepared in accordance with the Chartered Institute for Archaeologists standard and guidance for archaeological watching briefs (CIfA 2014) and Management of Research Projects in the Historic Environment (Historic England 2015). PCA is a Registered Archaeological Organisation with the Chartered Institute for Archaeologists.

### **2.2 Location, Topography and Geology**

2.2.1 The site is centred at Ordnance Survey NGR 448327 124462.

2.2.2 The site sits in a dry valley that runs from south of Knighton in a north-easterly direction to meet another dry valley that runs west from the chalk downs to the river Itchen (fig 1). The site lies at c34mOD.

2.2.3 The British Geological Survey records the bedrock geology as consisting of the Seaford Chalk Formation overlain by superficial deposits of Head. The Head consists of clay, silt, sand and gravel accumulated by down slope movements including landslide, solifluction, soil creep and hill wash (<http://mapapps.bgs.ac.uk/geologyofbritain/home.html>).

- 2.2.4 The overlying soil is recorded as 571m Charity 2, which occurs in valleys in chalk country. It is a deep typical argillic brown earth in flinty drift, usually non-calcareous. (Soil Survey of England and Wales, Sheet 6 South East England).

## **2.3 Archaeological and Historical Background**

- 2.3.1 The evaluation carried out by Southampton City Council Archaeology Unit in 2018 found that the earliest deposits were head and colluvium of natural origin, probably deposited at the end of the last Ice Age situated 1m below the surface in the west of the site and 1-1.3m in the east. Further layers of colluvium dating to the Middle to Late Bronze Age, relating to ploughing of the hillside, were above the earlier colluvium situated 1m below the surface in the east of site. These deposits were overlain by a possible deliberately laid flint surface, 980mm below the surface in the east of site, itself overlain by layers rich in Roman building material. The layers rich in Roman material were situated 450mm below the surface in the west of the site and between 700-800mm in the east. The types and frequency of the building material suggests a Roman bathhouse, dating to the 4th century, with flint rubble walls, heated rooms, rooms with tessellated floors and red-painted plastered walls, and a stone-tiled roof. Following the destruction of the bathhouse, perhaps to recover flint nodules for building work in medieval Twyford, a further deposit of colluvium built up over the late Roman layers. The Evaluation found the site did contain archaeological deposits of interest, relating to a previously unknown Roman bathhouse, but it was clear that the bathhouse did not lie in the area of the proposed development.
- 2.3.2 The site of Twyford Roman Villa is situated southeast of the site. Roman remains had been found in the area prior to 1888 when a mosaic pavement was unearthed. The site was excavated in 1891 when the remains of a bath complex, hypocaust and drainage systems were found. The bath complex was re-excavated in 1924-6 with further rooms uncovered and was again excavated in 1959 when a courtyard plan and seven construction phases identified. The earliest phase comprised timber buildings of early Flavian/Trajanic date and by the mid-second century the villa comprised a bipartite winged corridor house, with a large room and hypocaust added in the late third century. In the late fourth or early fifth century the hypocaust had been demolished and partly filled in. Occupation continued for some time after this phase with an oven built in a corner of the semi derelict villa and rubbish dumped into the well. A watching brief undertaken in 1999 at 'Roman Villa' to the west of the 1959 excavation located a demolition deposit, consisting of mortar, tiles and decayed opus signinum in a soakaway.

### **3 AIM**

#### **3.1 Watching Brief**

3.1.1 The aims of the watching brief were set out in the Written Scheme of Investigation as follows:

- to monitor all groundworks associated with construction, this will include test pits, service trenches and soakaways
- to make a record of the deposits disturbed by the groundworks.
- to collect any artefacts revealed
- Should archaeology significant deposits be encountered more detailed archaeological excavation and recording will take place after consultation with the Winchester City Council Archaeology Officer.

3.1.2 The aim of this report is to provide an account of the watching brief and any observations that were made. The report is intended to satisfy the Planning Authority that the watching brief was carried out in accordance with the relevant planning condition.



## **4 RESULTS**

### **4.1 Introduction**

4.1.1 The following presents a summary of the observations made during the watching brief and is based on the Site archive, which comprises a Site diary, trench recording sheets, drawings and digital photographs. Photographs of the Site are provided in **Appendix 1, Plates 1-4** and an OASIS report is provided in **Appendix 2**. The archive is held at PCA's Winchester office under the site code **AY666** and will in due course be deposited with the Hampshire Cultural Trust.

### **4.2 Methodology**

4.2.1 The watching brief was carried out in accordance with the Written Scheme of Investigation in visits between the 12<sup>th</sup> August and 16<sup>th</sup> September 2019. Visits coincided with the reduction of levels across the extension footprint ahead of piling operations (**Plate 1**) and during the excavation of service trenches and a shallow soakaway to the required levels (**Plates 2 – 4**).

### **4.3 Deposit Sequence**

4.3.1 The horizontal deposit sequence was consistent across the Site and in keeping with the sequence observed during the evaluation. No natural deposits were observed. The service trenches, up to 500mm below ground level, and reduced level beneath the extension footprint revealed light grey-brown silty clay beneath subsoil a thin topsoil.

### **4.4 Conclusion**

4.4.1 The watching brief revealed no significant archaeological features or artefacts. The groundwork for the extension was carried out in accordance with the agreed scheme of foundations and services.

## **5 ARCHIVE PREPARATION, DEPOSITION AND COPYRIGHT**

### **5.1 The Site Archive**

- 5.1.1 The Site archive, to include all project records and cultural material produced by the project, is to be prepared in accordance with Guidelines for the Preparation of Excavation Archives for Long-term Storage (UKIC 1990). On completion of the project PCA will arrange for the archive to be deposited with the Hampshire Cultural Trust on behalf of Winchester City Council

### **5.2 Copyright**

- 5.2.1 The full copyright of the written/illustrative archive relating to the Site will be retained by Pre-Construct Archaeology Ltd under the Copyright, Designs and Patents Act 1988 with all rights reserved. Winchester District Council, however, will be granted an exclusive licence for the use of the archive for educational purposes, including academic research, providing that such use shall be non-profitmaking, and conforms to the Copyright and Related Rights regulations 2003. Further distribution and uses of the report either in its entirety or part thereof in paper or electronic form is prohibited without the prior consent of Pre-Construct Archaeology Ltd.
- 5.2.2 The licence extends to the use of all documents arising from this project in all matters relating directly to the project, as well as for *bona fide* research purposes (which includes the Winchester District Historic Environment Record).
- 5.2.3 Pre-Construct Archaeology Ltd has made every effort to ensure the accuracy of the content of this report. However, Pre-Construct Archaeology Ltd cannot accept any liability in respect of, or resulting from, errors, inaccuracies or omissions this report contains.

## **6 ACKNOWLEDGEMENTS**

Pre-Construct Archaeology is grateful to Mr & Mrs Marlow for commissioning the watching brief and for the advice of the Winchester Historic Environment Team Archaeologist Tracy Matthews.

The Watching Brief was undertaken and this report compiled by Dominic McAtomey with illustrations prepared by Diana Valk. The project was managed for PCA by Paul McCulloch.

## **7 REFERENCES**

CIfA, 2014, 'Standard and guidance for archaeological field evaluation', Chartered Inst. For Archaeologists, Reading

Historic England, 2015, 'Management of Research Projects in the Historic Environment; The MoRPHE Project Managers' Guide'.

Vasileiadou, V, & Russel, A D, 2018, 'Archaeological Field Evaluation at Dolphin Field, Roman Road, Twyford, Hants', Southampton Archaeology Unit Report 1352

Anderson, E, 2019, 'Written Scheme of Investigation for an Archaeological Watching Brief with option to excavate during construction works at Dolphin Field, Roman Road, Twyford, Hants', V2: 01/05/2019, Southampton City Council Archaeology Unit

## APPENDIX 1: PLATES 1 - 4



**Plate 5. Proposed extension footprint reduced level, view west. Scales 2m & 1m.**



**Plate 6. Existing drainage exposed beneath and east of proposed extension, view west.**





**Plate 7. Excavation for new drainage adjacent to northern site boundary, view west. Scale 1m.**



**Plate 8. Excavation for new soakaway adjacent to northern site boundary, view east. Scales 1m & 0.5m**

## APPENDIX 2: OASIS RECORD

OASIS ID: preconst1-370762

### Project details

Project name Dolphin Field, Roman Road, Twyford, Hampshire

Short description of the project A watching brief was carried out during groundwork for an extension and new services on the east side of the existing Dolphin Field house. Prior evaluation established archaeological deposits survived in excess of 0.5m beneath the site and relate to the site of a Roman villa that lay to the south and which is a Scheduled Monument. No significant archaeological remains were revealed by the groundwork.

Project dates Start: 12-08-2019 End: 16-09-2019

Previous/future work Yes / No

Any associated project reference codes AY666 - Sitecode

Any associated project reference codes SDNP/19/01067/DCOND - Planning Application No.

Type of project Recording project

Site status None

Current Land use Residential 1 - General Residential

Monument type NONE None

Significant Finds NONE None

Investigation type "Watching Brief"

Prompt National Planning Policy Framework - NPPF

### Project location

Country England

Site location HAMPSHIRE WINCHESTER TWYFORD Dolphin Field

Postcode SO21 1 QW

Study area 0.1 Hectares

Site coordinates SU 448327 124462 50.909189458834 -1.362260960404 50 54 33 N 001 21 44 W  
Point

Height OD / Depth Min: 1m Max: 1.5m

### Project creators

Name of Organisation PCA Winchester

Project brief originator Tracy Matthews

Project design originator Southampton Archaeology Unit

Project director/manager Paul McCulloch

Project supervisor Dominic McAtominey

Type of sponsor/funding body Householder

Name of sponsor/funding body Mr & Mrs Marlow

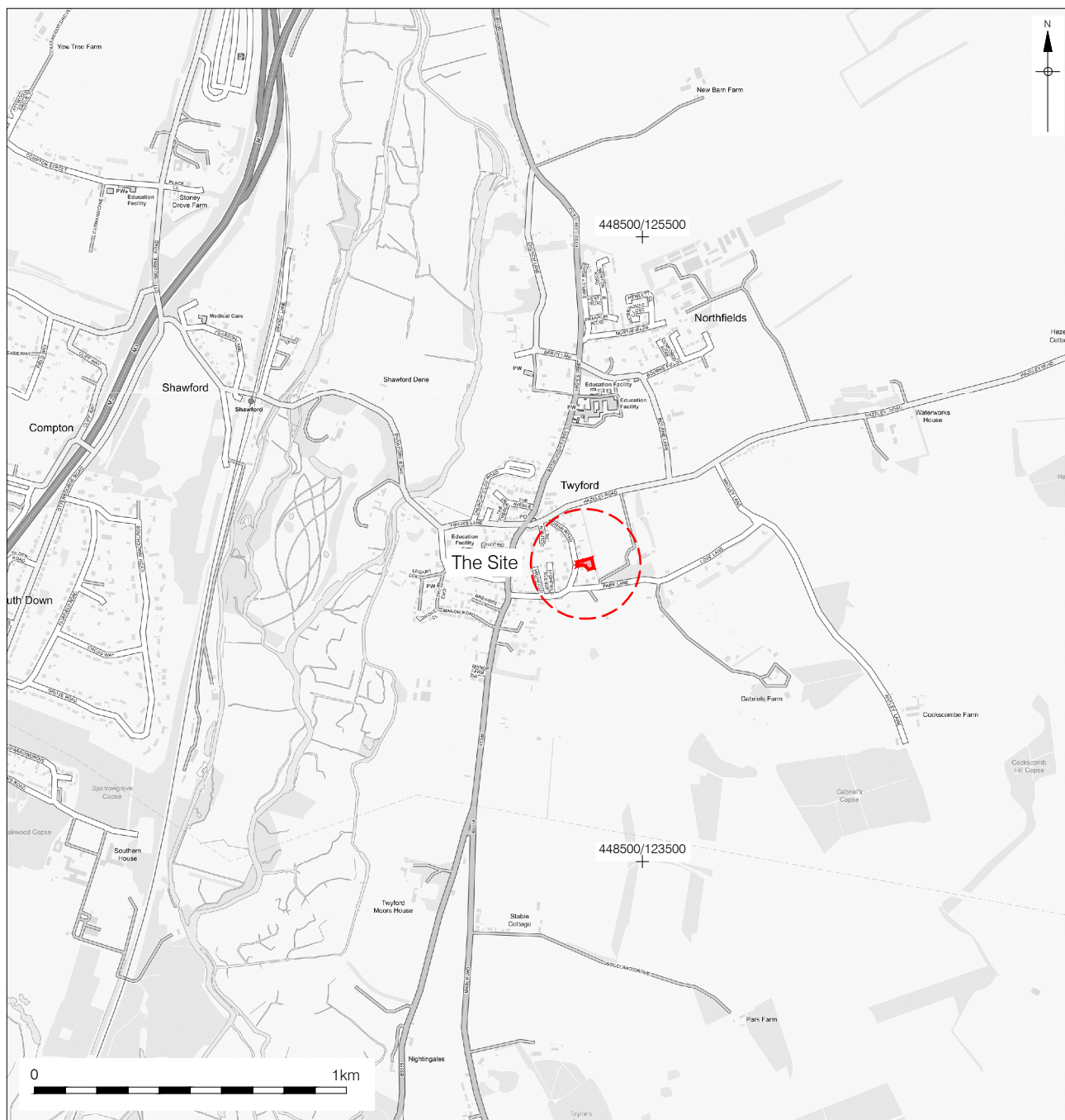
#### Project archives

Physical Archive recipient Hampshire Cultural Trust  
Physical Archive ID AY666  
Physical Contents "other"  
Digital Archive recipient Hampshire Cultural Trust  
Digital Archive ID AY666  
Digital Contents "none"  
Digital Media available "Images raster / digital photography","Text"  
Paper Archive recipient Hampshire Cultural Trust  
Paper Archive ID AY666  
Paper Contents "none"  
Paper Media available "Context sheet","Photograph","Report"

#### Project bibliography 1

Publication type Grey literature (unpublished document/manuscript)  
Title DOLPHIN FIELD, ROMAN ROAD, TWYFORD, HAMPSHIRE: REPORT ON  
ARCHAEOLOGICAL WATCHING BRIEF  
Author(s)/Editor(s) McAtominey, D.  
Other bibliographic details R13888  
Date 2019  
Issuer or publisher PCA Winchester  
Place of issue or publication Winchester  
Description A4 format, 20 pages of covers, text and illustration.  
  
Entered by Paul McCulloch (pmcculloch@pre-construct.com)  
Entered on 16 October 2019









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