



38 Brinkley Rd, Dullingham, Cambridgeshire

Archaeological Evaluation Report

December 2022

Client: NHP Holdings

Issue No: 1

OA Report No: 2628

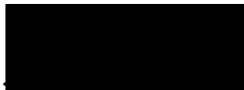
NGR: TL 63010 57524



Client Name: NHP Holdings
Document Title: 38 Brinkley Rd, Dullingham, Cambridgeshire
Document Type: Evaluation Report
Report No.: 2628
Grid Reference: TL 63010 57524
Planning Reference: 22/00570/FUL - Condition 8
Site Code: DULBRR21
Invoice Code: DULBRR21
Receiving Body: East Cambridgeshire District Council
Accession No.: ECB6733

OA Document File Location: [7 Project Reports \(Rep No. 2628\) - Files - OA Cloud \(oxfordarchaeology.com\)](#)

OA Graphics File Location: [Graphics - Files - OA Cloud \(oxfordarchaeology.com\)](#)

Issue No: 1
Date: December 2022
Prepared by: Paddy Lambert (Project Officer)
Checked by: Chris Thatcher (Senior Project Manager)
Edited by: Tom Phillips (Senior Project Manager, Post Excavation)
Approved for Issue by: Elizabeth Popescu (Head of Post-Excavation & Publications)
Signature: 

Disclaimer:

This document has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Oxford Archaeology being obtained. Oxford Archaeology accepts no responsibility or liability for the consequences of this document being used for a purpose other than the purposes for which it was commissioned. Any person/party using or relying on the document for such other purposes agrees and will by such use or reliance be taken to confirm their agreement to indemnify Oxford Archaeology for all loss or damage resulting therefrom. Oxford Archaeology accepts no responsibility or liability for this document to any party other than the person/party by whom it was commissioned.

OA South

Janus House
Osney Mead
Oxford
OX2 0ES

t. +44 (0)1865 263 800

OA East

15 Trafalgar Way
Bar Hill
Cambridge
CB23 8SQ

t. +44 (0)1223 850 500

OA North

Mill 3
Moor Lane Mills
Moor Lane
Lancaster
LA1 1QD

t. +44 (0)1524 880 250

e. info@oxfordarch.co.uk

w. oxfordarchaeology.com

Oxford Archaeology is a registered Charity: No. 285627



Chief Executive Officer
Ken Welsh, BSc, MCIFA
Private Limited Company, No: 1618597
Registered Charity, No: 285627
Registered Office: Oxford Archaeology Ltd
Janus House, Osney Mead, Oxford OX2 0ES

38 Brinkley Rd, Dullingham, Cambridgeshire

Archaeological Evaluation Report

Written by Paddy Lambert BA (Hons) ACIfA

With illustrations by David Brown

Contents

Summary.....	vii
Acknowledgements.....	viii
1 INTRODUCTION	1
1.1 Scope of work	1
1.2 Location, topography and geology	1
1.3 Archaeological and historical background	1
2 AIMS AND METHODOLOGY	3
2.1 Aims.....	3
2.2 Methodology	3
3 RESULTS	4
3.1 Introduction and presentation of results.....	4
3.2 General soils and ground conditions	4
3.3 Trench 1.....	4
3.4 Trench 2.....	4
3.5 Trench 3.....	4
4 DISCUSSION	5
3.6 Evaluation objectives and results.....	5
3.7 Significance.....	5
APPENDIX A TRENCH DESCRIPTIONS AND CONTEXT INVENTORY	6
APPENDIX B BIBLIOGRAPHY	7
APPENDIX C SITE SUMMARY DETAILS / OASIS REPORT FORM.....	8

List of Figures

- Fig. 1 Site location showing trenches (black) in development area (red), overlain by
CHER entries mentioned in the text
- Fig. 2 Trench plan

List of Plates

- Plate 1 Trench 1, looking east
- Plate 2 West facing section of Trench 1
- Plate 3 Trench 2, looking north
- Plate 4 Trench 3, looking south-west

Summary

On the 21st November 2022 Oxford Archaeology East undertook a trial trench evaluation at 38 Brinkley Rd, Dullingham, Cambridgeshire (centred TL 63010 57524).

A total of three trenches were excavated and no archaeological features or deposits were encountered. Only Trench 3 was opened to its full extent of 20m. All three trenches contained hydro-carbons, which meant that machine stripping ceased at a length of 5m in Trench 1 and 16m in Trench 2. The thick homogenous layer of clay may suggest terracing related to the site's former land use.

Acknowledgements

Oxford Archaeology would like to thank NHP Holdings for commissioning this project. Thanks are also extended to Andy Thomas who monitored the work on behalf of Cambridgeshire Historic Environment Team (CHET).

The project was managed for Oxford Archaeology by Chris Thatcher. The fieldwork was undertaken by Paddy Lambert. David Brown was the illustrator. Katherine Hamilton prepared the archive. Lattenbury Services undertook the machine excavation.

1 INTRODUCTION

1.1 Scope of work

1.1.1 Oxford Archaeology (OA) was commissioned by NHP Holdings to undertake a trial trench evaluation at the site of 38 Brinkley Rd, Dullingham, Cambridgeshire (TL 63010 57524). The proposed trial trenching evaluation comprised three 20m long trenches, which equated to a 5% sample of the study area (0.24ha). Due to constraints on site during stripping, a total of 41m of linear trenching was achieved.

1.1.2 The work was undertaken as a condition of Planning Permission (planning ref. 22/00570/FUL - Condition 8). A brief was set by Andy Thomas and a written scheme of investigation (WSI) was produced by OA (Moan 2021) detailing the Local Authority's requirements for work necessary to inform the planning process/discharge the planning condition. This document outlines how OA implemented the specified requirements.

1.2 Location, topography and geology

1.2.1 The site is situated at c. 87m OD on a bedrock of Lewes Nodular Chalk Formation and Seaford Chalk Formation (undifferentiated), overlain by superficial deposits of Lowestoft Formation Diamicton (British Geological Survey 2014; British Geological Survey online map viewer <http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html>).

1.2.2 To the east the site is bounded by Brinkley Road, to the north by the parkland of Dullingham House (Registered Park and Garden), to the west by open farmland and to the south by a new residential property in the grounds of 52, 54 and 56 Brinkley Road (Grade II Listed Building).

1.2.3 The proposed development area has previously included a large barn-like structure and the rest of the area was laid to tarmac and/or concrete.

1.3 Archaeological and historical background

1.3.1 The following is a summary of known archaeological remains in the vicinity of the site and is based on data from the Cambridgeshire Historic Environment Record (CHER) obtained along with the brief. Selected CHER entries are shown in Figure 1.

1.3.2 Cropmarks of an enclosure are recorded 400m to the west of the site (MCB30550). The enclosure appears to be rectangular in form and is not aligned with the current field system. No finds are associated with the cropmarks, but the feature's form would suggest a Roman or medieval date.

1.3.3 The 13th century Saint Mary's Church is located 200m north-east of the site (MCB17089).

1.3.4 The estate parklands of Dullingham House are located directly north of the site. These early 18th century pleasure grounds and 19th century parkland were laid out by Repton, who produced a Red Book for the project in 1802. This parkland is a registered park and garden (NHLE ref. 1000618). Within the parkland are surviving earthworks of

former land boundaries (CHER 09141; not illustrated) which could be associated with the House and village's medieval development.

- 1.3.5 Directly north of the site a phase of trial trench evaluation within the grounds of Dullingham House (south of 22 Brinkley Road) in 2020 revealed evidence for post-medieval field systems and undated pits (ECB6164).
- 1.3.6 The 17th century workhouse associated with Dullingham House is located directly south of the site, now split into three properties (DCB553).

2 AIMS AND METHODOLOGY

2.1 Aims

2.1.1 The project aims and objectives were as follows:

- i. To determine or confirm the general nature of any remains present.
- ii. To determine or confirm the approximate date or date range of any remains, by means of artefactual or other evidence.

2.2 Methodology

2.2.1 The evaluation was undertaken in accordance with the Chartered Institute for Archaeologists' (2014a) Standard and guidance for archaeological excavation, local and national planning policies, and the WSI (Moan 2021).

2.2.2 Machine excavation was undertaken by a single 9 tonne 360° rubber-tracked excavator fitted with a 1.8m wide flat bladed ditching bucket. The machine was provided by Lattenbury Services. All machine excavation was carried out under the constant supervision of a suitably qualified and experienced archaeologist.

2.2.3 The initial programme of trial trenching totalled three 20m long trenches. Ultimately, only one trench (Trench 3) was fully excavated with the remaining trenches excavated to lengths of 5m (Trench 1) and 16m (Trench 2).

2.2.4 Made-ground was encountered across all trenches that measured in excess of 1.5m thick. This disturbance is highly likely to have eradicated any archaeological features or deposits, if present.

2.2.5 A sondage was placed at the end of all trenches in the attempt to reach the natural horizon. This was only encountered in the north-western end of Trench 3, which was encountered at a depth of 1.3m. These sondages were backfilled after recording.

3 RESULTS

3.1 Introduction and presentation of results

3.1.1 The results of the evaluation are presented below. Full details of all trenches with dimensions and depths of all deposits can be found in Appendix A.

3.2 General soils and ground conditions

3.2.1 The soil sequence across the trenches was variable. In Trench 3, the natural geology of sandy-gravel was overlain by a thick layer of made-ground (1), comprised of a homogenous dark greyish brown silty sand with common brick, concrete and tarmac inclusions that measured between 0.6-0.8m thick, which in turn was overlain by tarmac (2) which measured 0.15m thick.

3.2.2 Across Trenches 1 and 2, the natural horizon was not reached. The soil sequence comprised a thick layer of dark green clay with modern coke inclusions throughout (Plate 2). This layer was observed exceeding 1.5m deep. This was overlain by a layer of made ground (1), 0.20m thick, which comprised crushed concrete and tarmac.

3.2.3 The natural water table was reached between 0.70 and 0.90m deep across all trenches.

3.2.4 Ground conditions throughout the evaluation were generally good. Due to the natural water table being encountered, the trenches began to flood upon stripping.

3.3 Trench 1

3.3.1 Trench 1 (Plates 1 and 2) was located at the northern end of the study area (Fig. 2). It was aligned east to west and measured 5m long. It contained a deposit of dark green clay (3) that included hydrocarbon elements (Plate 2). This deposit was excavated to a depth of 1.45m at the eastern end of the trench.

3.4 Trench 2

3.4.1 Trench 2 (Plate 3) was located in the centre of the study area. It was aligned north to south and measured 16m long (Fig. 2). The same deposit of green clay (3) observed in Trench 1 was encountered and was excavated to a depth of 1.5m at the southern end of the trench.

3.5 Trench 3

3.5.1 Trench 3 (Plate 4) was located towards the southern boundary of the study area. It was aligned north-east to south-west and measured 20m long (Fig. 2). The dark green clay (3) was encountered in the centre of the trench (Plate 4) and probably denotes the edge of the deposit.

4 DISCUSSION

3.6 Evaluation objectives and results

- 3.6.1 The investigation at 38 Brinkley Road, Dullingham revealed no surviving archaeological features or deposits.
- 3.6.2 The thick layer of clay with hydro-carbon elements encountered across the study area is highly likely to represent terracing to facilitate construction of structures relating to its former use.

3.7 Significance

- 3.7.1 The investigation revealed a study area that has little or no archaeological significance.

APPENDIX A TRENCH DESCRIPTIONS AND CONTEXT INVENTORY

Trench 1						
General description					Orientation	E-W
Trench devoid of archaeology. Consists of made-ground overlying clay deposit containing hydro-carbon elements.					Length (m)	5
					Width (m)	1.8
					Avg. depth (m)	1.5
Context No.	Type	Width (m)	Depth (m)	Description	Finds	Date
1	Layer	-	0.20	Made-ground	-	-
3	Layer	-	1.30	clay	-	-

Trench 2						
General description					Orientation	N-S
Trench devoid of archaeology. Consists of made-ground overlying clay deposit containing hydro-carbon elements.					Length (m)	16
					Width (m)	1.8
					Avg. depth (m)	1.4
Context No.	Type	Width (m)	Depth (m)	Description	Finds	Date
1	Layer	-	0.20	Made-ground	-	-
3	Layer	-	1.40	clay	-	-

Trench 3						
General description					Orientation	NE-SW
Trench devoid of archaeology. Consists of tarmac and made-ground overlying natural geology of sandy-gravel and clay deposit containing hydro-carbon elements.					Length (m)	20
					Width (m)	1.8
					Avg. depth (m)	1.00
Context No.	Type	Width (m)	Depth (m)	Description	Finds	Date
1	Layer	-	0.80	Made-ground	-	-
2	Layer	-	0.20	Tarmac	-	-
3	Layer	-	-	clay	-	-

APPENDIX B BIBLIOGRAPHY

Moan, P, 2021, 38 Brinkley Rd, Dullingham, Cambridgeshire, Written Scheme of Investigation.
Oxford Archaeology East Unpublished Document

APPENDIX C

SITE SUMMARY DETAILS / OASIS REPORT FORM

Project Details

OASIS Number	oxfordar3-511462		
Project Name	38 Brinkley Rd, Dullingham, Cambridgeshire		
Start of Fieldwork	21/11/22	End of Fieldwork	21/11/22
Previous Work	No	Future Work	No

Project Reference Codes

Site Code	ECB6733	Planning App. No.	19/01128/OUT
HER Number	ECB6733	Related Numbers	n/a

Prompt	National Planning Policy Framework (NPPF)
Development Type	Residential
Place in Planning Process	After full determination (eg. As a condition)

Techniques used (tick all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Aerial Photography – interpretation | <input type="checkbox"/> Grab-sampling | <input type="checkbox"/> Remote Operated Vehicle Survey |
| <input type="checkbox"/> Aerial Photography - new | <input type="checkbox"/> Gravity-core | <input type="checkbox"/> Sample Trenches |
| <input type="checkbox"/> Annotated Sketch | <input type="checkbox"/> Laser Scanning | <input type="checkbox"/> Survey/Recording of Fabric/Structure |
| <input type="checkbox"/> Augering | <input type="checkbox"/> Measured Survey | <input checked="" type="checkbox"/> Targeted Trenches |
| <input type="checkbox"/> Dendrochronological Survey | <input type="checkbox"/> Metal Detectors | <input type="checkbox"/> Test Pits |
| <input type="checkbox"/> Documentary Search | <input type="checkbox"/> Phosphate Survey | <input type="checkbox"/> Topographic Survey |
| <input type="checkbox"/> Environmental Sampling | <input type="checkbox"/> Photogrammetric Survey | <input type="checkbox"/> Vibro-core |
| <input type="checkbox"/> Fieldwalking | <input type="checkbox"/> Photographic Survey | <input type="checkbox"/> Visual Inspection (Initial Site Visit) |
| <input type="checkbox"/> Geophysical Survey | <input type="checkbox"/> Rectified Photography | |

Monument	Period	Object	Period
None	Choose an item.	None	Choose an item.
	Choose an item.		Choose an item.
	Choose an item.		Choose an item.

Insert more lines as appropriate.

Project Location

County	Cambridgeshire	Address (including Postcode) 38 Brinkley Rd, Dullingham CB8 9UW
District	East Cambridgeshire	
Parish	Dullingham	
HER office	Cambridgeshire	
Size of Study Area	0.24ha	
National Grid Ref	TL 63010 57524	

Project Originators

Organisation	Oxford Archaeology East
Project Brief Originator	Andy Thomas
Project Design Originator	Pat Moan

Project Manager	Chris Thatcher
Project Supervisor	Paddy Lambert

Project Archives

	Location	ID
Physical Archive (Finds)	N/a	
Digital Archive	ADS	ECB6733/DULBRR21
Paper Archive	Cambs. County Council	ECB6733

Physical Contents	Present?	Digital files associated with Finds	Paperwork associated with Finds
Animal Bones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ceramics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Human Remains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leather	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stratigraphic		<input type="checkbox"/>	<input type="checkbox"/>
Survey		<input type="checkbox"/>	<input type="checkbox"/>
Textiles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worked Bone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worked Stone/Lithic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
None	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

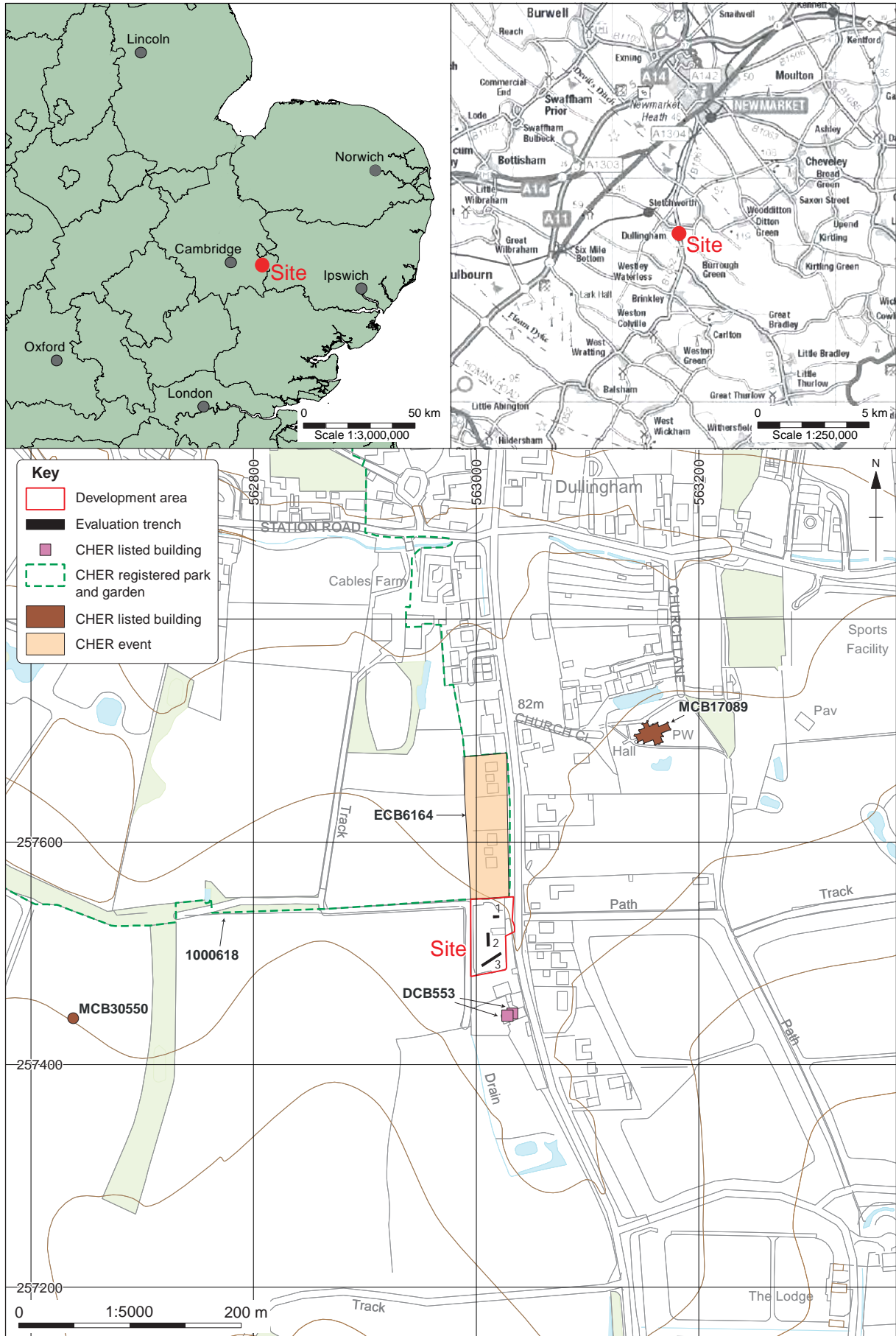
Digital Media

Database	<input checked="" type="checkbox"/>
GIS	<input type="checkbox"/>
Geophysics	<input type="checkbox"/>
Images (Digital photos)	<input checked="" type="checkbox"/>
Illustrations (Figures/Plates)	<input checked="" type="checkbox"/>
Moving Image	<input type="checkbox"/>
Spreadsheets	<input type="checkbox"/>
Survey	<input checked="" type="checkbox"/>
Text	<input checked="" type="checkbox"/>
Virtual Reality	<input type="checkbox"/>

Paper Media

Aerial Photos	<input type="checkbox"/>
Context Sheets	<input checked="" type="checkbox"/>
Correspondence	<input type="checkbox"/>
Diary	<input type="checkbox"/>
Drawing	<input type="checkbox"/>
Manuscript	<input type="checkbox"/>
Map	<input type="checkbox"/>
Matrices	<input type="checkbox"/>
Microfiche	<input type="checkbox"/>
Miscellaneous	<input type="checkbox"/>
Research/Notes	<input type="checkbox"/>
Photos (negatives/prints/slides)	<input type="checkbox"/>
Plans	<input type="checkbox"/>
Report	<input type="checkbox"/>
Sections	<input checked="" type="checkbox"/>
Survey	<input type="checkbox"/>

Further Comments



Crown copyright. All rights reserved. License No. AC10000849896

Figure 1: Site location showing trenches (black) in development area (red), overlain by CHER entries mentioned in the text

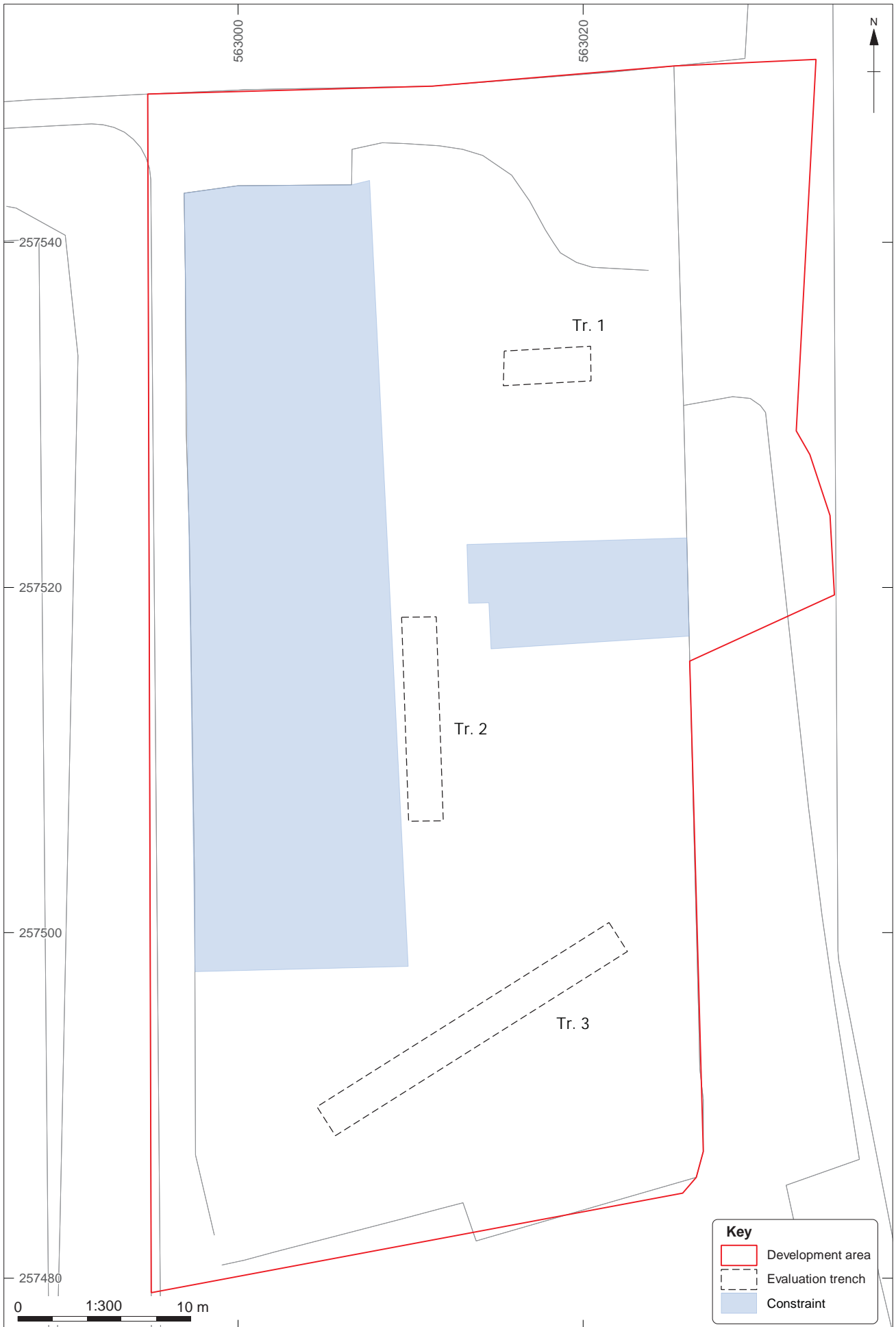


Figure 2: Trench plan



Plate 1: Trench 1, looking east



Plate 2: West facing section of Trench 1



Plate 3: Trench 2, looking north

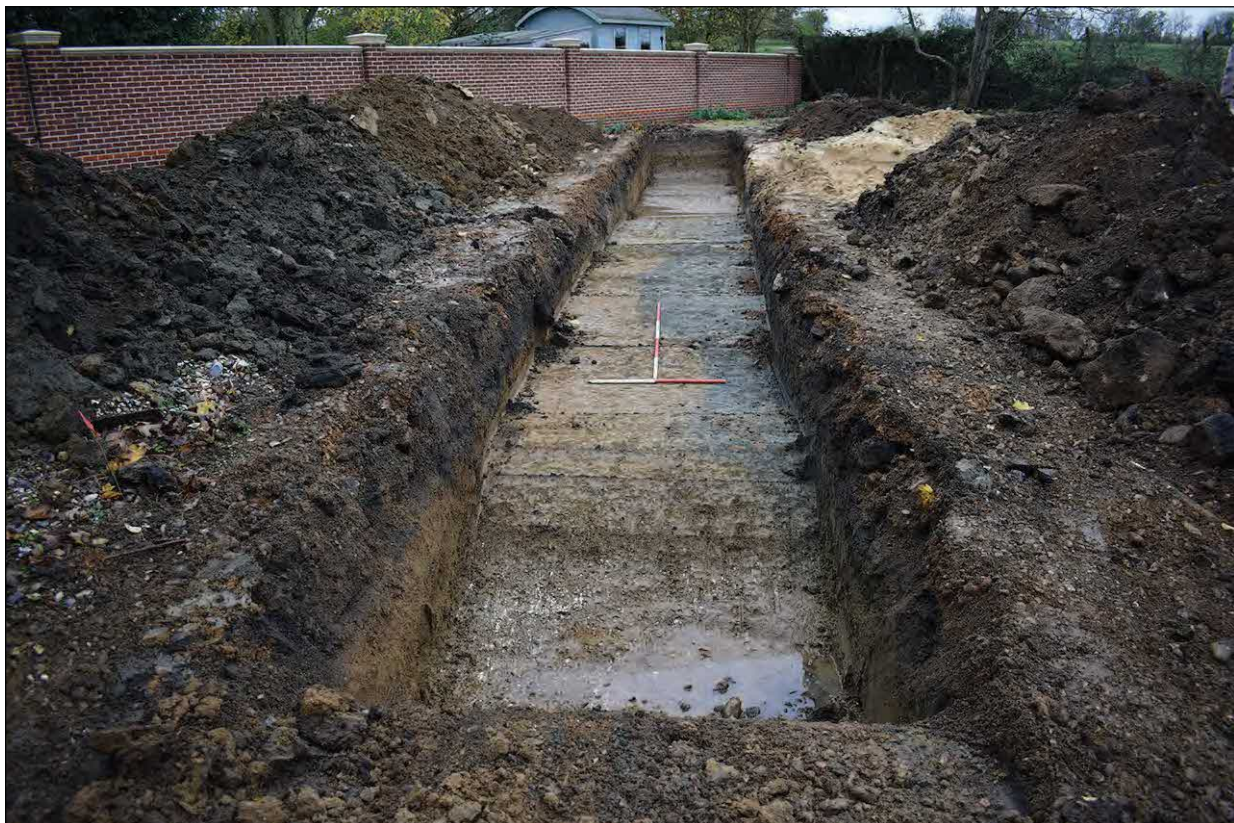


Plate 4: Trench 3, looking southwest



**Head Office/Registered Office/
OA South**

Janus House
Osney Mead
Oxford OX2 0ES

t: +44 (0) 1865 263 800
f: +44 (0) 1865 793 496
e: info@oxfordarchaeology.com
w: <http://oxfordarchaeology.com>

OA North

Mill 3
Moor Lane
Lancaster LA1 1QD

t: +44 (0) 1524 541 000
f: +44 (0) 1524 848 606
e: [oanorth@oxfordarchaeology.com](mailto: oanorth@oxfordarchaeology.com)
w: <http://oxfordarchaeology.com>

OA East

15 Trafalgar Way
Bar Hill
Cambridgeshire
CB23 8SQ

t: +44 (0) 1223 850500
e: [oaeast@oxfordarchaeology.com](mailto: oaeast@oxfordarchaeology.com)
w: <http://oxfordarchaeology.com>



Chief Executive Officer
Ken Welsh, BSc, MCIFA
Oxford Archaeology Ltd is a
Private Limited Company, N^o: 1618597
and a Registered Charity, N^o: 285627