

4 Well Green Row Well Green Frettenham Norwich Norfolk NR12 7GL 01603 737804 07963 969623

Archaeology Report Number CB636R v.1.1

Land adjacent to 39 Yarmouth Road, Broome, Norfolk

Grid reference TM 3461 9115 (centred at)

South Norfolk planning reference 2016/2689

Programme of Archaeological Mitigatory Work -

Phase 1 Informative Trial Trenching – 16 to 19 November 2020

Norfolk Historic Environment Record event number ENF147998

Norfolk County Council Environment Service reference CNF47169

Norfolk Museums Service Accession Number NWHCM: 2021.4

OASIS ID; chrisbir1-387084

Prepared for

Ditchingham Farm Estate
The Estate Office
Ditchingham
Norfolk
NR35 2JU

© Chris Birks January 2021

All rights reserved

4 Well Green Row Well Green Frettenham Norwich Norfolk NR12 7GL 01603 737804 07963 969623

Project	Informative Trial Trenching as part of a Programme of Archaeological Mitigatory Work at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk'
Grid reference	TM 3461 9115 (centred at)
Planning Authority	South Norfolk Council
Planning reference	2016/2689
HES reference	CNF47169
NHER event number	ENF147998
NMS accession	NWHCM: 2021.4
OASIS ID	chrisbir1-387084
Fieldwork dates	16 to 19 and 27 November 2020
Title	Report on Informative Trial Trenching as part of a Programme of Archaeological Mitigatory Work at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk'
Author(s)	Chris Birks, chris.birks@chrisbirksarchaeology.co.uk , 01603-737804/07963-969623
Derivation	Initial draft CB636R v.1.0
Origination Date	28 November 2020
Version	1.1
Sequence	Report CB636R v.1.0 Broome, Report CB636R v.1.1 Broome
Status	Approved final copy
Reviser(s)	Chris Birks
Date of revision	27 January 2021
Summary of Changes	Inclusion of Norfolk Museums Service archive accession number, confirmation of approval, information relating to further mitigation (no further works required), updated OASIS Record
Sections revised	1.3, 2.1, 2.3, 8.7.3, <i>Appendix 1</i>
Circulation	NCC ES, Agent on behalf of the Client
Required Action	n/a
File Name/Location	C:\Users\CBArchaeology\Desktop\Business\2020 21\Norfolk\Reports at ES\Broome\Final Report/Report CB636R v.1.1 Broome.docx
Approval	Approved
Comments	A draft copy of the report was submitted to NCC ES for consideration on 21 January 2021. Approval was received on 27 January 2021 following inclusion of a Norfolk Museums Service archive accession number, received 26 January 2021.

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 Chris Birks being obtained. Chris Birks 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 Chris Birks for all loss or damage resulting therefrom. Chris Birks accepts no responsibility or liability for this document to any party other than the person/party by whom it was commissioned (Ditchingham Farm Estate). This document reports on the results of the informative trial trenching and is only used and relied upon by the Norfolk County Council Environment Service to aid their decisions regarding any further archaeological mitigatory work. It is not relied upon by the landowner or a developer or by their funders, as they do not take any decisions based on the report. A letter of reliance will not be issued.

Chris Birks

4 Well Green Row
Frettenham
Norfolk
NR12 7GL

t: 01603 737804

m: 07963 969623

e: chris.birks@chrisbirksarchaeology.co.uk

w: www.chrisbirksarchaeology.co.uk

Contents

<i>Section</i>	<i>Page</i>
<i>Summary</i>	<i>1</i>
1.0 Introduction	1, 2
2.0 Project Background	2
3.0 Archaeological and Historical Background	2, 3
4.0 Methodology	3
5.0 Geology and Topography	3
6.0 Results	3 - 10
6.1 Introduction	
6.2 Trench 1	
6.3 Trench 2	
6.4 Trench 3	
6.5 Trench 4	
6.6 Trench 5	
7.0 Flint	10, 11
8.0 Conclusions and Discussion	11, 12
8.1 Introduction	
8.2 Trench 1	
8.3 Trench 2	
8.4 Trench 3	
8.5 Trench 4	
8.6 Trench 5	
8.7 Summary	

Acknowledgements

Bibliography

Table 1. Flint Summary

- Appendix 1*** OASIS Record
- Appendix 2*** Context Summary
- Appendix 3*** Finds Summary
- Appendix 4*** Flint Summary

- Figure 1*** Site location plan
- Figure 2*** Site plan drawing
- Figure 3*** Trench 1 drawings
- Figure 4*** Trench 2 plan drawings
- Figure 5*** Trench 3 plan drawings
- Figure 6*** Trench 2 and 3 section drawings
- Figure 7*** Trench 4 drawings
- Figure 8*** Trench 5 drawings
- Figure 9*** Site plan overlay

Plate 1. Trench 1 following initial excavation, looking northwest

Plate 2. Trench 1 after final excavation, looking northwest

Plate 3. Trench 2, looking southwest

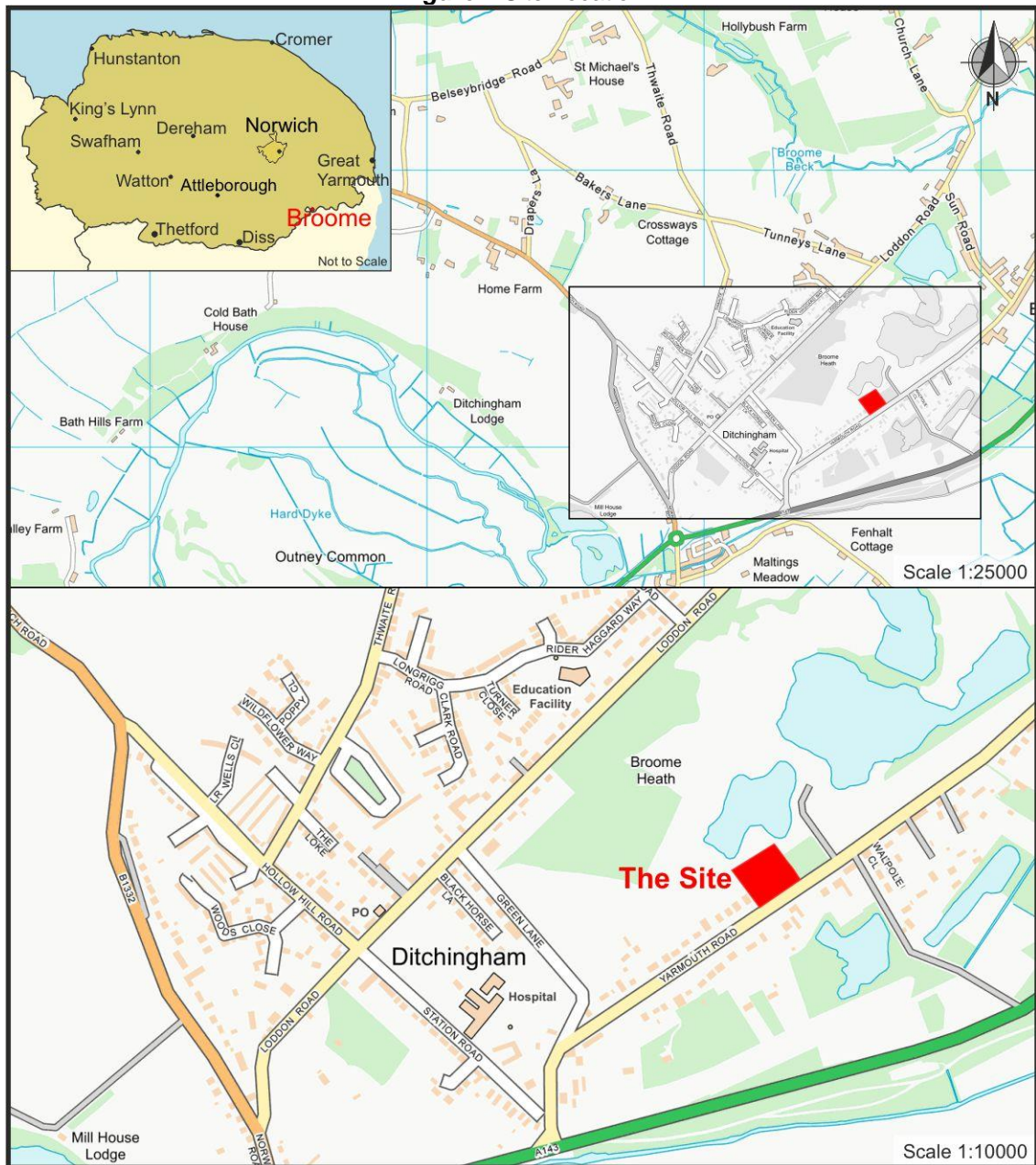
Contents

- Plate 4.** Feature [202] in Trench 2, looking southeast
- Plate 5.** Feature [204] in Trench 2, looking southeast
- Plate 6.** Feature [206] in Trench 2, looking approximately north
- Plate 7.** Trench 3, looking southwest
- Plate 8.** Trench 3 after final excavation, looking northeast
- Plate 9.** Feature [303] in Trench 3, looking south
- Plate 10.** Feature [305] in Trench 3, looking southeast
- Plate 11.** Feature [307] in Trench 3, looking northwest
- Plate 12.** Feature [309] in Trench 3, looking southeast
- Plate 13.** Trench 4, looking southeast
- Plate 14.** Trench 5, looking southwest

Summary

Informative trial trenching as part of a programme of archaeological mitigatory work was carried out in November 2020 at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk', prior to residential development (Fig. 1, Norfolk Historic Environment Record ENF147998). Indications for activities during the prehistoric period were provided through the recovery of a single struck flint find from the fill of a linear feature in Trench 3, which may equally be residual, but no evidence relating to a group of nationally significant prehistoric monuments on Broome Heath to the north and east of the development site, or to the use of Broome Heath for military training during both World War One and World War Two was observed. Prehistoric remains have previously been recorded in this area. Possible land enclosure of unknown date was indicated and an undated circular feature of unknown function was recorded.

Figure 1 Site Location



1.0 Introduction

- 1.1 A Programme of Archaeological Mitigatory Work to commence with Informative Trial Trenching at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk' (grid reference TM 3461 9115, centred at, Fig. 1) has been requested by the Norfolk County Council Environment Service (reference

CNF47169), conditional to South Norfolk planning reference 2016/2689. Proposals are to construct five houses.

- 1.2 Informative trial trenching works were carried out according to Written Scheme of Investigation, CB636 v.1.2, approved by the Norfolk County Council Environment Service in accordance with *Standard and guidance for commissioning work or providing consultancy advice on archaeology and the historic environment* by the Chartered Institute for Archaeologists (2014) and *Standards for Development-led Archaeological Projects in Norfolk* (Robertson *et al* 2018). Applicants/developers must note that approval of the Written Scheme of Investigation by the Norfolk County Council Environment Service on behalf of the Local Planning Authority does not constitute the partial or full discharge of the associated planning condition/s. A formal application to discharge the condition (fully or in part) will still need to be made to the relevant Local Planning Authority and approved prior to development commencing on site.
- 1.3 A draft copy of the report, CB636R v.1.0, which details how Chris Birks undertook the informative trial trenching and summarises the results of the excavations, was submitted to the Norfolk County Council Environment Service for consideration on 21 January 2021. This report is only used and relied upon by the Norfolk County Council Environment Service to aid their decisions regarding any further archaeological mitigatory work. Approval was received on 27 January 2021 following inclusion of a Norfolk Museums Service archive accession number, received 26 January 2021. This final report, CB636R v.1.1, has been prepared and distributed accordingly.

2.0 Project Background

- 2.1 Planning permission has been granted for a development of five houses subject to a Programme of Archaeological Mitigatory Work in accordance with *National Planning Policy Framework*. The Department of Communities and Local Government (2012). The Programme of Archaeological Mitigatory Work commenced with informative trial trenching (Phase 1). The results of the trial trenching aided the Norfolk County Council Environment Service in determining the scope and extent of any further mitigatory work that may be required such as Archaeological Excavation and/or Works under Archaeological Supervision and Control (also referred to as 'Archaeological Monitoring' or 'Archaeological Watching Brief') during the development if features of importance are found and these cannot be preserved *in situ* (Phase 2). Phase 2 works are additional to the Phase 1 Informative Trial Trenching works and not part of the contracted works. No further works were required.
- 2.2 Norfolk Historic Environment Record event number ENF147998 and Online Access to the Index of Archaeological Investigations (OASIS) ID: chrisbir-387084 (*Appendix 1*) apply.
- 2.3 The archive will be prepared consistent with the principles of Management of research projects in the historic environment. The MoRPHE Project Manager's Guide (Historic England 2015), *Standards for Development-led Archaeological Projects in Norfolk* (Robertson *et al* 2018) and be submitted to the Norfolk Museums Service for long-term storage under archive accession number NWHCM: 2021.4.

3.0 Archaeological & Historical Background

- 3.1 A search of entries in the Norfolk Historic Environment Record (NHER) within a 1km radius of the site was obtained on 11 March 2020 and produced 39 records. Summaries of records are provided in this report. Further details of these and all other entries can be seen at the Historic Environment Record office at Gressenhall near Dereham by prior appointment. It is assumed that the records are correct and up to date.
- 3.2 A group of nationally significant prehistoric monuments lie to the north and east of the development site on Broome Heath. These include a Neolithic C-shaped enclosure (NHER 10602), which excavation has shown overlies earlier settlement remains including numerous pits, post-holes and hearths, a Neolithic long barrow (NHER 10597), two surviving Bronze Age round barrows (NHER 10611, 10624) and the sites of two Bronze Age round barrows removed by quarrying (NHER 10623, 10632). The surviving barrows and enclosure bank are designated Scheduled Monuments. An earthwork of an undated square enclosure on Broome Heath is visible on aerial photographs (NHER

44805). It may be of Iron Age, Roman or later date or relate to military training during both World War One and World War Two on this site (NHER 43776).

- 3.3 Further evidence of activities during the prehistoric period is provided through the recovery of finds including Palaeolithic flint flakes found in gravel workings on Broome Heath (NHER 10621, 28074) and other prehistoric finds (NHER 10602, 10611, 35938, 55796). Undated earthworks visible on aerial photographs may relate to prehistoric barrows (NHER 43777, 43778).
- 3.4 Roman remains include possible Roman roads (NHER 10636, 48885) and Roman finds (NHER 35938, 40241). Earthworks of a possible Roman or medieval road are visible on aerial photographs (NHER 44816).
- 3.5 Medieval remains include the site of a medieval manor, Pirnhow Hall, though its exact location is uncertain (NHER 10643), and medieval/Post-medieval structural remains and Post-medieval finds recorded during a watching brief in 2002 (NHER 36962). Medieval activities are also indicated through the recovery of finds (NHER 35938, 40241)
- 3.6 Post-medieval remains include an early-18th century farmhouse (NHER 45741) and outbuilding (NHER 48452) at Alma House, a 19th century windmill (NHER 10649), 19th century All Hallow's Church (NHER 10650) and All Hallow's Hospital (NHER 43181), the route of the 19th century Waveney Valley Railway (Tivetshall to Beccles) (NHER 13577), a house (NHER 44790) and structural remains (NHER 55796), a 19th century milestone (NHER 56610), 19th century schools (NHER 56685, 56692) and finds (NHER 35938, 36962, 40241, 55796). Modern remains include a World War Two Spitfire aircraft crash site (NHER 31964) and a terrace of houses built between 1947 and 1965 (NHER 34127).
- 3.7 Multi-period archaeological finds and features were revealed during a watching brief in 2001, ahead of the construction of the A143 Broome to Ellingham bypass (NHER 35938, Bates 2001). Features included prehistoric pits, Roman ditches, a possible Post-medieval enclosure and numerous undated ditches. Artefacts included prehistoric worked flints, concentrations of burnt flint and Roman, medieval and Post-medieval pottery sherds.
- 3.8 Cropmarks of an undated enclosure (NHER 18905) and field boundaries (NHER 43772) are visible on aerial photographs. The enclosure may be of Bronze Age, Iron Age or Roman date and the field boundaries may date to the medieval or Post-medieval periods. A further earthwork of a probable medieval or Post-medieval enclosure may equally relate to construction of the adjacent railway (NHER 43774) and undated ditches, possibly field boundaries (NHER 43775, 43779) have also been recorded.

4.0 Methodology

- 4.1 Informative trial trenching works were carried out as per the method statement provided in the Written Scheme of investigation (CB636 v.1.2), *Standards for Development-led Archaeological Projects in Norfolk* (Robertson *et al* 2018) and *Standard and guidance for archaeological evaluation* (CIFA 2020).
- 4.2 Five (5) trenches were excavated within the development area, trenches 1 to 5 (*Fig. 2*). They were mechanically-excavated initially removing overburden deposits. Metal-detecting was carried out during mechanical excavation and of exposed surfaces, features and spoil arisings.

5.0 Geology and Topography

- 5.1 Broome parish lies on a solid geology of Norwich Crag with overlying Boulder Clay (Funnell 2005). The soil landscape is South Norfolk Claylands (Williamson 2005).
- 5.2 The site lies to the southwest of the centre of Broome and southeast of Ditchingham, on relatively level ground at an elevation of c. 7m OD.

6.0 Results

6.1 Introduction

- 6.1.1 Site conditions were generally good though parking was limited and access was gained from Yarmouth Road to the south of the site. Phase 1 informative trial trenching excavations were

carried out between 16 and 19 November 2020 and the trenches were backfilled on 27 November 2020. The weather was mostly dry with occasional rain showers and fog.

- 6.1.2 Context numbers were allocated during fieldwork and are summarised in *Appendix 2*. A finds summary (*Appendix 3*) and flint summary (*Appendix 4*) are provided.
- 6.1.3 No significant metal finds were found and no environmental samples were taken due to the lack of suitable deposits.

6.2 **Trench 1**

Figures 2 and 3

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
100	D	Topsoil deposits	c. 0.45-0.49m	c. 6.9-7.2m OD	No	-
101	D	Subsoil deposits	c. 0.15-0.26m	c. 6.35m OD	No	-
102	D	Undisturbed 'natural' deposits	-	c. 6.1-6.8m OD	-	-

6.2.1 Trench 1 was approximately northwest-southeast oriented and measured c. 30m by 2.1m. It was initially excavated to a depth of c. 0.5m (to c. 6.6m OD) beneath present ground level removing topsoil (100) (*Plate 1*). An area of subsoil (101) was present across much of the excavated base of the trench and manually excavated sondages demonstrated that subsoil (101) extended c. 0.15-0.26m in depth above undisturbed 'natural' deposits (102). Further mechanical excavation was carried out removing subsoil (101) and exposing undisturbed 'natural' deposits (102) (*Plate 2*). No archaeological remains were present in Trench 1.

Plate 1. Trench 1 following initial excavation, looking northwest



Scale is 2m in 0.2m increments

Plate 2. Trench 1 after final excavation, looking northwest



Scales are 1m in 0.2m increments

6.3 **Trench 2**

Figures 2, 4 and 6

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
200	D	Topsoil deposits	c. 0.35 - 0.4m	c. 7-7.2m OD	No	-
201	D	Undisturbed 'natural' deposits	-	c. 6.6-6.8m OD	-	-

6.3.1 Trench 2 was approximately southwest-northeast oriented, measured c. 30m by 2.1m and was excavated to a depth of c. 0.4m (c. 6.6-6.8 m OD) beneath present ground level removing c. 0.35-0.4m of topsoil (200) above undisturbed 'natural' deposits (201) (*Plate 3*).

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
202	C	Linear feature	c. 0.39m	c. 6.6m OD	-	-
203	D	Fill of [202]	c. 0.39m	c. 6.6m OD	No	-

6.3.2 Linear feature [202] (at c. 6.6m OD) at the northeast end of Trench 2 was approximately northwest-southeast oriented and extended beyond the edges of excavation (*Plate 4*). It measured c. 0.9m wide with steeply sloping quite flat sides and a convex base and c. 0.4m deep and contained fill (203) that produced no finds.

Plate 3. Trench 2, looking southwest



Scale is 2m in 0.2m increments

Plate 4. Feature [202] in Trench 2, looking southeast



Scales are 1m in 0.2m increments

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
204	C	Linear feature	c. 0.38m	c. 6.6m OD	-	-
205	D	Fill of [204]	c. 0.38m	c. 6.6m OD	No	-
206	C	Pit-like feature	c. 0.16m	c. 6.6m OD	-	-
207	D	Fill of [206]	c. 0.16m	c. 6.6m OD	No	-

6.3.3 Linear feature [204] (at c. 6.6m OD) centrally located within Trench 2 was approximately northwest-southeast oriented and extended beyond the edges of excavation (*Plate 5*). It measured c. 1.55m wide with fairly flat shallow sides and a convex base and c. 0.4m deep and contained fill (205) that produced no finds.

- 6.3.4 Pit-like feature [206] (at c. 6.6m OD) lay towards the southwest end of Trench 2. It measured c. 1.7m across with fairly irregular-shaped slightly convex side and a flattish base and c. 0.16m deep and contained fill (207) that produced no finds.

Plate 5. Feature [204] in Trench 2, looking southeast



Scales are 1m in 0.2m increments

Plate 6. Feature [206] in Trench 2, looking approximately north



Scales are 1m in 0.2m increments

6.4 Trench 3

Figures 2, 5 and 6

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
300	D	Topsoil deposits	c. 0.32-0.46m	c. 6.6-7m OD	No	-
301	D	Subsoil deposits	c. 0.24m	c. 6.1-6.4m OD	No	-
302	D	Undisturbed 'natural' deposits	-	c. 6.2-6.65m OD	-	-

- 6.4.1 Trench 3 was approximately southwest-northeast oriented, measured c. 30.5m by 2.1m and was excavated to a depth of c. 0.4-0.7m beneath present ground level, deepest at the southwest end of the trench (*Plate 7*). Initially, c. 0.3-0.45m of topsoil (300) was removed above c. 0.25m of subsoil (301), present only within c. 5.5m of the southwest end of the trench and removed

following initial excavation of the trench (*Plate 8*). Undisturbed 'natural' deposits (302) were revealed at c. 6.2-6.65m OD.

Plate 7. Trench 3, looking southwest



Scale is 2m in 0.2m increments

Plate 8. Trench 3 after final excavation, looking northeast



Scales are 2m and 1m in 0.2m increments

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
303	C	Linear terminus? feature	c. 0.11m	c. 6.5m OD	-	-
304	D	Fill of [303]	c. 0.11m	c. 6.5m OD	No	-

6.4.2 The possible terminus of a linear feature [303] (at c. 6.5m OD) was partially exposed towards the southwest end of Trench 3 and extended beyond the southeast edge of excavation (*Plate 9*). It measured c. 0.8m by c. 0.36m with fairly steep convex sides and a convex base and c. 0.11m deep and contained fill (304) that produced no finds.

Plate 9. Feature [303] in Trench 3, looking south



Scale is 1m in 0.2m increments

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
305	C	Linear feature. ?Land drain	c. 0.5m?	c. 6.6m OD	-	Modern
306	D	Fill of [305]	c. 0.5m?	c. 6.6m OD	No	Modern

- 6.4.3 Probable land drain [305] and fill (306) was present within the southern half of Trench 3 (*Plate 10*). Fill (306) appeared the same as topsoil (300) and feature [305] is likely to be of relatively modern date.

Plate 10. Feature [305] in Trench 3, looking southeast



Scale is 1m in 0.2m increments

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
307	C	Linear feature	c. 0.29m	c. 6.6m OD	-	-
308	D	Fill of [307]	c. 0.29m	c. 6.6m OD	No	-
309	C	Linear feature	c. 0.35m	c. 6.6m OD	-	?Prehistoric
310	D	Fill of [309]	c. 0.35m	c. 6.6m OD	Flint	?Prehistoric

6.4.4 Linear feature [307] (at c. 6.6m OD) lay within the northeast half of Trench 3, was approximately northwest-southeast oriented, slightly-curving and extended beyond the edges of excavation (*Plate 11*). It measured c. 1.45m wide with a slightly convex fairly shallow side to the northeast and a slightly concave fairly shallow side to the southwest and a convex base. It measured c. 0.3m deep and contained fill (308) that produced no finds. Probable ploughscars extended across the surface of [307].

Plate 11. Feature [307] in Trench 3, looking northwest



Scales are 1m in 0.2m increments

6.4.5 Linear feature [309] (at c. 6.6m OD) lay at the northeast end of Trench 3, was approximately northwest-southeast oriented and extended beyond the edges of excavation (*Plate 12*). It measured c. 0.7m wide with steep fairly flat sides and a convex base and c. 0.35m deep and contained fill (310) that produced a struck flint. A probable ploughscar extended across the surface of [309].

Plate 12. Feature [309] in Trench 3, looking southeast



Scales are 1m in 0.2m increments

6.5 Trench 4

Figures 2 and 7

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
400	D	Topsoil deposits	c. 0.37m	c. 7m OD	No	-
401	D	Undisturbed 'natural' deposits	-	c. 6.5-6.6m OD	-	-

6.5.1 Trench 4 was approximately northwest-southeast oriented, measured c. 30m by 2.1m and was excavated to a depth of 0.4m beneath present ground level removing topsoil (400) that overlay above undisturbed 'natural' deposits (401) (at c. 6.5-6.6m OD) (*Plate 13*). No subsoil deposits and no archaeological remains were present.

6.6 Trench 5

Figures 2 and 8

Context No.	Type	Description	Thickness	Depth	Finds	Spot date
500	D	Topsoil deposits	c. 0.4m	c. 7m OD	No	-
501	D	Undisturbed 'natural' deposits	-	c. 6.6m OD	-	-

6.6.1 Trench 5 was approximately southwest-northeast oriented, measured c. 30m by 2.1m and was excavated to a depth of 0.45m beneath present ground level removing topsoil (500) that overlay above undisturbed 'natural' deposits (501) (at c. 6.6m OD) (*Plate 14*). No subsoil deposits and no archaeological remains were present. A ploughscar was observed cutting undisturbed 'natural' deposits (501) within the northeast half of the trench.

Plate 13. Trench 4, looking southeast



Scale is 2m in 0.2m increments

Plate 14. Trench 5, looking southwest



Scale is 2m in 0.2m increments

7.0 Flint

by Sarah Bates

7.1 A single flint flake was recovered from the site (*Table 1*). It has a small area of worn cortex and the rest of its original dorsal surface if of abraded, slightly patinated flint. There is slight retouch at its straight right lateral edge and the opposite edge has a small notch which, seen alongside slightly

worn edges to either side of it, appears to be use related. The flake is not closely datable but is likely to date to the Neolithic or Bronze Age.

- 7.2 The flake was found in the fill (310) of linear feature [309]. The sites of two Bronze Age barrows and findspot of a Palaeolithic flint flake are recorded just to the north of the present site. Further to the north-east, excavation in the early 2000s at Yarmouth Road Quarry led to numerous prehistoric features of earlier Neolithic to Bronze Age date being recorded and flint dating to the earlier Neolithic and later periods being recovered (Bates 2001).

Table 1. Flint Summary

Ctxt	Type	No.
310	Retouched/utilised flake	1

8.0 Conclusions and Discussion

8.1 Introduction

8.1.1 The author has a high confidence rating of the results. Site conditions were generally good. In agreement with the Norfolk County Council Environment Service, additional excavations were carried out to fully reveal undisturbed 'natural' deposits in trenches 1 and 3 following initial excavation.

8.1.2 A figure has been prepared showing remains recorded during the informative trial trenching excavations across the site and in relation to the development (*Figure 9*)

8.2 Trench 1

8.2.1 Trench 1 was approximately northwest-southeast oriented and measured c. 30m by 2.1m. Undisturbed 'natural' deposits were present at c. 6.1-6.8m OD. Topsoil (100) directly overlay undisturbed 'natural' deposits at the northwest end of the trench. A subsoil (101)-filled hollow within undisturbed 'natural' deposits (102) was recorded to the southeast. No archaeological remains were present in Trench 1.

8.3 Trench 2

8.3.1 Trench 2 was approximately southwest-northeast oriented, measured c. 30m by 2.1m and was excavated to a depth of c. 0.4m beneath present ground level, c. 6.6-6.8 m OD. Topsoil (200) overlay undisturbed 'natural' deposits (201). No subsoil deposits were present.

8.3.2 Three features of possible archaeological origin but unknown date were recorded at c. 6.6m OD; northwest-southeast oriented linear feature [202], northwest-southeast oriented linear feature [204] and pit-like feature [206].

8.4 Trench 3

8.4.1 Trench 3 was approximately southwest-northeast oriented, measured c. 30.5m by 2.1m and was excavated to a depth of c. 0.4-0.7m beneath present ground level, c. 6.2-6.65m OD, deepest at the southwest end of the trench. Generally, topsoil (300) directly overlay undisturbed 'natural' deposits (302). Subsoil (301) was present only within c. 5.5m of the southwest end of the trench and likely fills a hollow within the undisturbed natural deposits as observed in Trench 1.

8.4.2 An undated possible terminus of a linear feature [303] was recorded at c. 6.5m OD. Two northwest-southeast oriented linear features [307] and [309] were recorded at c. 6.6m OD. Undated feature [307] was slightly curving. Feature [309] produced a struck flint of possible Neolithic or Bronze Age date from its fill (310). Probable ploughscars extended across the surfaces of [307] and [309].

8.4.3 Probable land drain [305] and fill (306) was present within the southern half of Trench 3. Fill (306) appeared the same as topsoil (300) and feature [305] is likely to be of relatively modern date.

8.5 Trench 4

8.5.1 Trench 4 was approximately northwest-southeast oriented, measured c. 30m by 2.1m and was excavated to a depth of 0.4m beneath present ground level, c. 6.5-6.6m OD. Topsoil (400)

overlay undisturbed 'natural' deposits (401) and no subsoil deposits were evident. No archaeological remains were present were present in Trench 4.

8.6 Trench 5

- 8.6.1 Trench 5 was approximately southwest-northeast oriented, measured c. 30m by 2.1m and was excavated to a depth of 0.45m beneath present ground level, c. 6.6m OD. Topsoil (500) overlay undisturbed 'natural' deposits (501) and no subsoil deposits were evident. A ploughscar was observed cutting undisturbed 'natural' deposits (501) within the northeast half of the trench. No archaeological remains were present were present in Trench 5.

8.7 Summary

- 8.7.1 A small quantity of linear features of approximate northwest-to-southeast orientation and a circular feature were recorded in two of the five trenches (Trench 2 and 3) though an almost complete lack of finds precluded dating of these features. Ploughscars appeared to truncate some of the linear features therefore post-dating them and indicate more recent arable use of this land. There is no clear relation between the linear features in these trenches. Linear [202] is of similar orientation and position to indicate a possible relationship with [309] though this feature is of much smaller dimensions. Feature [309] was the only one to produce a find, from its fill (310), a struck flint of possible Neolithic or Bronze Age date, and tentatively reflects prehistoric activities known in this area. However, the flint may equally be residual within material that filled the feature. It is possible that the linear features observed during the current excavations reflect the piecemeal enclosure of common fields during the medieval/Post-medieval periods. The 20th century saw boundary loss from these earlier field systems. Undated circular feature [206] in Trench 2 was very shallow and did not produce finds indicative of being a domestic waste pit and its function is unclear. There were no indications of World War Two activities on the development site.
- 8.7.2 Topsoil deposits, and subsoil deposits where present, contained no cultural material such as metal finds, pottery or ceramic building material. Undisturbed 'natural' deposits and features were at a very consistent depth across the site, c. 6.6m OD. A hollow of probable natural origins was recorded in trenches 1 and 3, filled by subsoil deposits. No details relating to proposed construction methodologies are currently known.
- 8.7.3 Decisions regarding further mitigation requirements were made by the Norfolk County Council Environment Service including consideration of the results of the informative trial trenching. No further works were required. Chris Birks has no involvement in decisions regarding further mitigation requirements and any such mitigation would be additional to and outside of the scope of the contracted informative trial trenching works. Chris Birks accepts no responsibility for delays in the development programme or any associated costs as the result of further mitigation requirements.
- 8.7.4 Applicants/developers must note that the approval of the Archaeological Written Scheme of Investigation and this report by the Norfolk County Council Environment Service on behalf of the Local Planning Authority does not constitute the partial or full discharge of the associated planning condition/s. A formal application to discharge the condition (fully or in part) will still need to be made to the relevant Local Planning Authority and approved prior to development commencing on site. The Norfolk County Council Environment Service will not advise discharge of the associated planning condition/s until a paper copy of the final approved report plus digital .pdf copy on compact disc have been received.



Acknowledgments

The project was undertaken by Chris Birks on behalf of Ditchingham Farm Estate who also funded the work. Many thanks to Julie Cole, Land Agent for Ditchingham Farms and to Tim Day who provided and operated plant on behalf of Ditchingham Farm Estate.

Fieldwork was undertaken by Chris Birks, Simon Greenslade and Sarah Leppard and metal detecting was carried out by Andy Barnett. The report was written by Chris Birks.

Many thanks to Peter Watkins at the Norfolk Historic Environment Record office based at Gressenhall for providing information relating to Historic Environment Record entries and to Steve Hickling, Lorraine Houseago and John Percival at the Norfolk County Council Environment Service.

Bibliography

- Bates, S., 2001 'Lithics' in 'Robertson, D.A., A Neolithic Enclosure and Early Saxon Settlement: Excavations at Yarmouth Road, Broome, 2001', *Norfolk Archaeology* XLIV Part II, 234-236
- Birks, C., 2019 *Written Scheme of Investigation for a Programme of Archaeological Mitigatory Work to Commence with Informative Trial Trenching at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk.'* Unpublished Chris Birks document CB636 v.1.2
- CIFA 2020 *Standard and Guidance for archaeological field evaluation*
- CIFA 2014 *Standard and Guidance for commissioning work or providing Consultancy advice on archaeology and the historic Environment*
- MoRPHE 2015 *Management of Research Projects in the Historic Environment. The MoRPHE Project Manager's Guide* (Historic England)
- Robertson, D., Albone, J., 2018 *Standards for Development-led Archaeological Projects in Norfolk.* Unpublished Norfolk County Council Environment Service document.
- Watkins, P., Percival, J.W., Hickling, S., Hamilton, H., Heywood, S., Shoemark, J., Tremlett, S., And Jarvis, C.,
- SCAUM 1999 *Health and Safety at Work Act 1974, The Management of Health And Safety Regulations 1992 and Health and Safety in*

CIFA - Chartered Institute for Field Archaeologists

Appendix 1. OASIS Record

OASIS ID: [chrisbir1-387084](#)

Project details

Project name	PoAMW at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk'
Short description of the project	PoAMW to commence with informative trial trenching associated with rural residential development provided indications for activities possibly during the prehistoric period, but no evidence relating to a group of nationally significant prehistoric monuments on Broome Heath to the north and east of the development site, or to the use of Broome Heath for military training during both World War One and World War Two was observed. Undated possible land enclosure was indicated and an undated circular feature of unknown function was recorded.
Project dates	Start: 16-11-2020 End: 27-11-2020
Previous/future work	No / Not known
Any associated project reference codes	ENF147998 - HER event no.
Type of project	Field evaluation
Current Land use	Vacant Land 2 - Vacant land not previously developed
Monument type	LINEAR FEATURE Uncertain
Monument type	PIT Uncertain
Significant Finds	LITHIC IMPLEMENT Late Prehistoric
Methods & techniques	""Sample Trenches""
Development type	Rural residential
Prompt	National Planning Policy Framework - NPPF
Position in the planning process	After full determination (eg. As a condition)

Project location

Country	England
Site location	NORFOLK SOUTH NORFOLK BROOME Land adjacent to 39 Yarmouth Road, Broome, Norfolk
Study area	3500 Square metres
Site coordinates	TM 3461 9115 52.46724205745 1.454411486648 52 28 02 N 001 27 15 E Point
Height OD / Depth	Min: 6.1m Max: 6.8m

Project creators

Name of Organisation	Chris Birks
Project brief originator	Local Authority Archaeologist and/or Planning Authority/advisory body
Project design originator	Chris Birks
Project director/manager	Chris Birks



Project supervisor Chris Birks
Type of sponsor/funding body Landowner
Name of sponsor/funding body Ditchingham Farm Estate

Project archives

Physical Archive recipient Norfolk Museums Service
Physical Archive ID NWHCM: 2021.4
Physical Contents "Worked stone/lithics"
Digital Archive recipient Norfolk Museums Service
Digital Archive ID NWHCM: 2021.4
Digital Contents "Worked stone/lithics"
Digital Media available "Images raster / digital photography"
Paper Archive recipient Norfolk Museums Service
Paper Archive ID NWHCM: 2021.4
Paper Contents "Worked stone/lithics"
Paper Media available "Photograph", "Plan", "Report", "Section", "Unpublished Text"

Project bibliography 1

Publication type Grey literature (unpublished document/manuscript)
Title Report on Informative Trial Trenching as part of a Programme of Archaeological Mitigatory Work at 'Land adjacent to 39 Yarmouth Road, Broome, Norfolk'
Author(s)/Editor(s) Birks, C.,
Other bibliographic details Report Number CB636R
Date 2021
Issuer or publisher Chris Birks
Place of issue or publication Contractor's report
Description Unbound A4 single-side-printed report with text, site location plan, flint specialist report, colour digital images and fold-out A3 drawings
Entered by Chris Birks (chris.birks@chrisbirksarchaeology.co.uk)
Entered on 26 January 2021

OASIS:

Please e-mail [Historic England](mailto:historical@oasis.ac.uk) for OASIS help and advice

© ADS 1996-2012 Created by [Jo Gilham and Jen Mitcham, email](mailto:jo.gilham@ads.ac.uk) Last modified Wednesday 9 May 2012

Cite only: <http://www.oasis.ac.uk/form/print.cfm> for this page

Appendix 2. Context Summary

Context No.	Type	Trench	Description	Thickness	Depth	Findings	Spot date	Date/Initials
100	D	1	Dark black/brown sandy silt topsoil with rare small- to medium-sized subrounded flints	c. 0.45-0.49m	c. 6.9-7.2m OD	No	-	SL/17 Nov 20
101	D	1	Mid orangey brown sandy silt subsoil with concentrations of small-, medium- and large-sized subrounded flints and nodules	c. 0.15-0.26m	c. 6.35m OD	No	-	SL/17 Nov 20
102	D	1	Very dark greyish brown silty sand undisturbed 'natural' deposits with occasional medium- to large-sized subrounded flints and nodules	-	c. 6.1-6.8m OD	-	-	SL/17 Nov 20
200	D	2	Dark grey/brown sandy silt topsoil with occasional small- to medium-sized subrounded flints	c. 0.35 - 0.4m	c. 7-7.2m OD	No	-	SL/19 Nov 20
201	D	2	Mixed mid orange brown, mottled mid grey-yellow brown and pale yellow-grey silty sand undisturbed 'natural' deposits with occasional areas of small-sized rounded flints and occasional areas of medium-sized subangular flints	-	c. 6.6-6.8m OD	-	-	SL/19 Nov 20
202	C	2	Linear feature	c. 0.39m	c. 6.6m OD	-	-	SL/19 Nov 20
203	D	2	Mid orange grey/brown sandy silt fill of [202] with occasional small-sized subrounded flints and rare medium-sized subrounded flints	c. 0.39m	c. 6.6m OD	No	-	SL/19 Nov 20
204	C	2	Linear feature	c. 0.38m	c. 6.6m OD	-	-	SL/19 Nov 20
205	D	2	Dark orange brown sandy silt fill of [204] with occasional small-sized subrounded flints	c. 0.38m	c. 6.6m OD	No	-	SL/19 Nov 20
206	C	2	Pit-like feature	c. 0.16m	c. 6.6m OD	-	-	SL/19 Nov 20
207	D	2	Mid grey brown with pale yellow brown mottling sandy silt fill of [206] with occasional large-sized subangular flint nodules and occasional small-sized subangular flints	c. 0.16m	c. 6.6m OD	No	-	SL/19 Nov 20
300	D	3	Dark black/brown sandy silt topsoil with occasional medium-sized subrounded flints	c. 0.32-0.46m	c. 6.6-7m OD	No	-	SL/19 Nov 20
301	D	3	Mid orangey brown sandy silt subsoil with concentrations of small-, medium- and large-sized subrounded flints	c. 0.24m	c. 6.1-6.4m OD	No	-	SL/19 Nov 20
302	D	3	Mixed mid orange brown, mottled mid grey-yellow brown silty sand undisturbed 'natural' deposits with occasional areas of medium-sized subrounded flints	-	c. 6.2-6.65m OD	-	-	SL/19 Nov 20
303	C	3	Linear terminus? feature	c. 0.11m	c. 6.5m OD	-	-	SL/19 Nov 20

Context No.	Type	Trench	Description	Thickness	Depth	Finds	Spot date	Date/Initials
304	D	3	Mid grey brown with pale yellow brown mottling sandy silt fill of [303] with rare small-sized subrounded flints	c. 0.11m	c. 6.5m OD	No	-	SL/19 Nov 20
305	C	3	Linear feature . ?Land drain	c. 0.5m?	c. 6.6m OD	-	Modern	SL/19 Nov 20
306	D	3	Dark black/brown sandy silt fill of [305] with occasional medium-sized subrounded flints	c. 0.5m?	c. 6.6m OD	No	Modern	SL/19 Nov 20
307	C	3	Linear feature	c. 0.29m	c. 6.6m OD	-	-	SL/19 Nov 20
308	D	3	Mid orange brown with patches of pale yellow brown sandy silt fill of [307] with moderate small- to medium-sized subangular flints	c. 0.29m	c. 6.6m OD	No	-	SL/19 Nov 20
309	C	3	Linear feature	c. 0.35m	c. 6.6m OD	-	?Prehistoric	SL/19 Nov 20
310	D	3	Mid orange brown with patches of pale yellow brown sandy silt fill of [309] with rare small-sized subrounded and subangular flints	c. 0.35m	c. 6.6m OD	Flint	?Prehistoric	SL/19 Nov 20
400	D	4	Dark grey/brown sandy silt topsoil with occasional small- to medium-sized subrounded flints	c. 0.37m	c. 7m OD	No	-	SL/17 Nov 20
401	D	4	Mixed mid orange brown, pale grey brown and mid yellow orange silty sand undisturbed 'natural' deposits with occasional areas of medium-sized subrounded flints	-	c. 6.5-6.6m OD	-	-	SL/17 Nov 20
500	D	5	Dark brown sandy silt topsoil with rare small-sized subrounded flints	c. 0.4m	c. 7m OD	No	-	SL/17 Nov 20
501	D	5	Mottled mid grey yellow silty sand undisturbed 'natural' deposits with rare small-sized subangular flints	-	c. 6.6m OD	-	-	SL/17 Nov 20



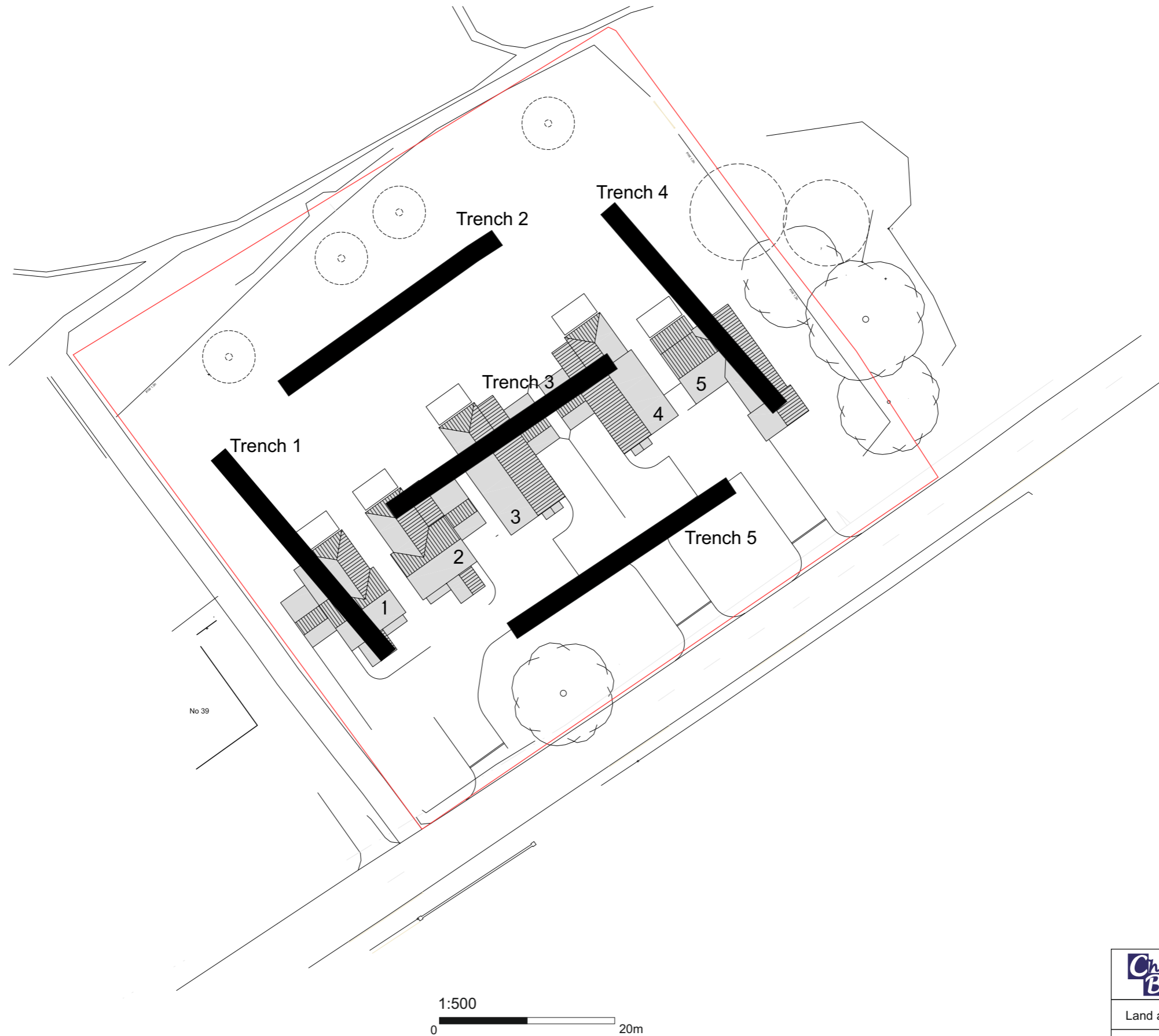
Appendix 3. Finds Summary

Context	Context desc	Flint		Comments	Spotdate
		No	Wt		
310	Fill of [309]	1	c. 5	Retouched/utilised flake	Neolithic/Bronze Age?

Weight (wt) in grams

Appendix 4. Flint Summary

Context	Context description	Qty	Weight (g)	Type
310	Fill of (309)	1	c. 5	Retouched/utilised flake



Site boundary
New building
Archaeological trench

Based on a drawing by A Squared Architects

Chris Birks Archaeological Services - Urban & Rural
Land adj 39 Yarmouth Road, Broome, Norfolk
Scale 1:500@A3 CB636R v.1.1 27.01.21

Figure 2. Site plan drawing

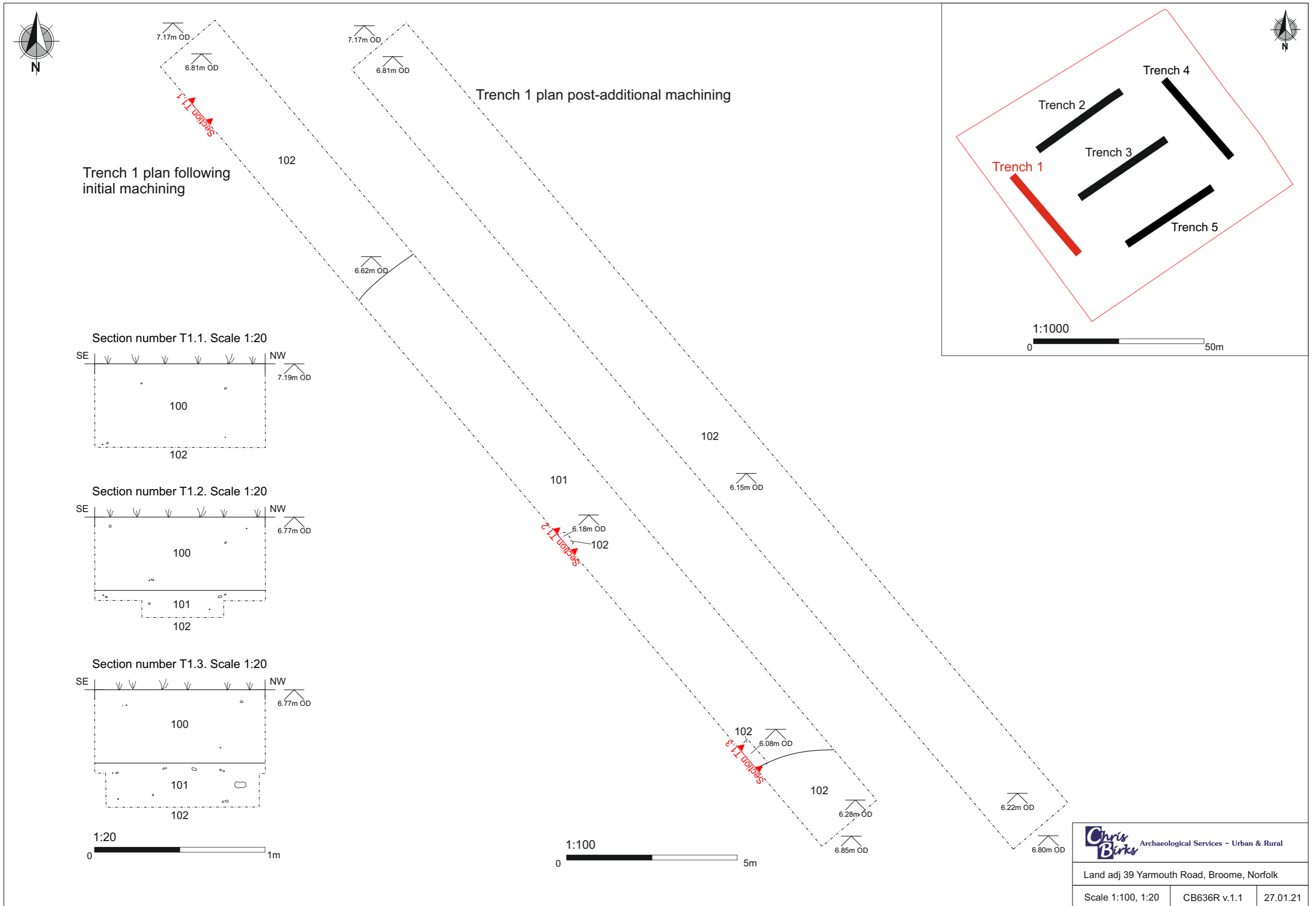


Fig. 3. Trench 1 drawings

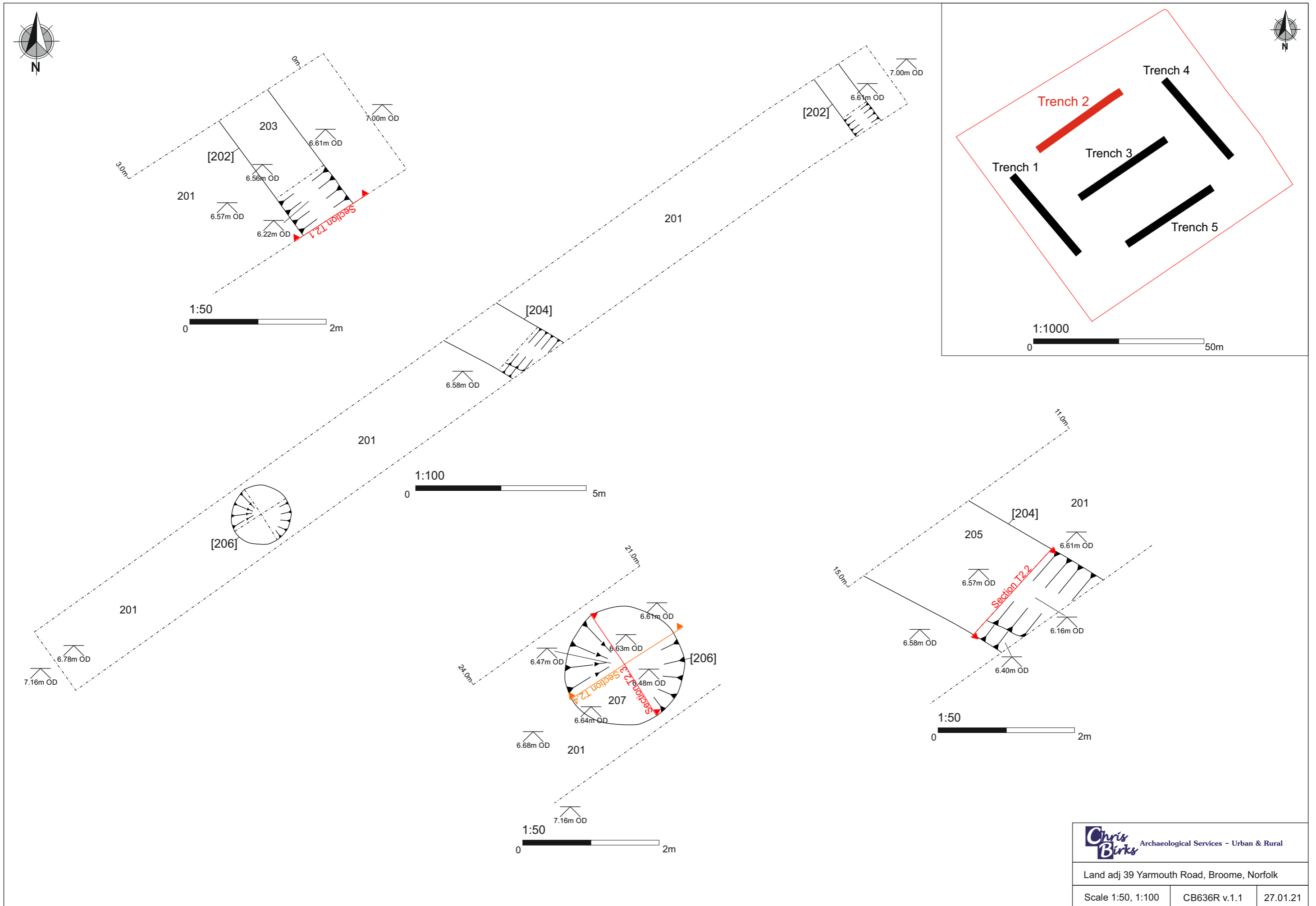
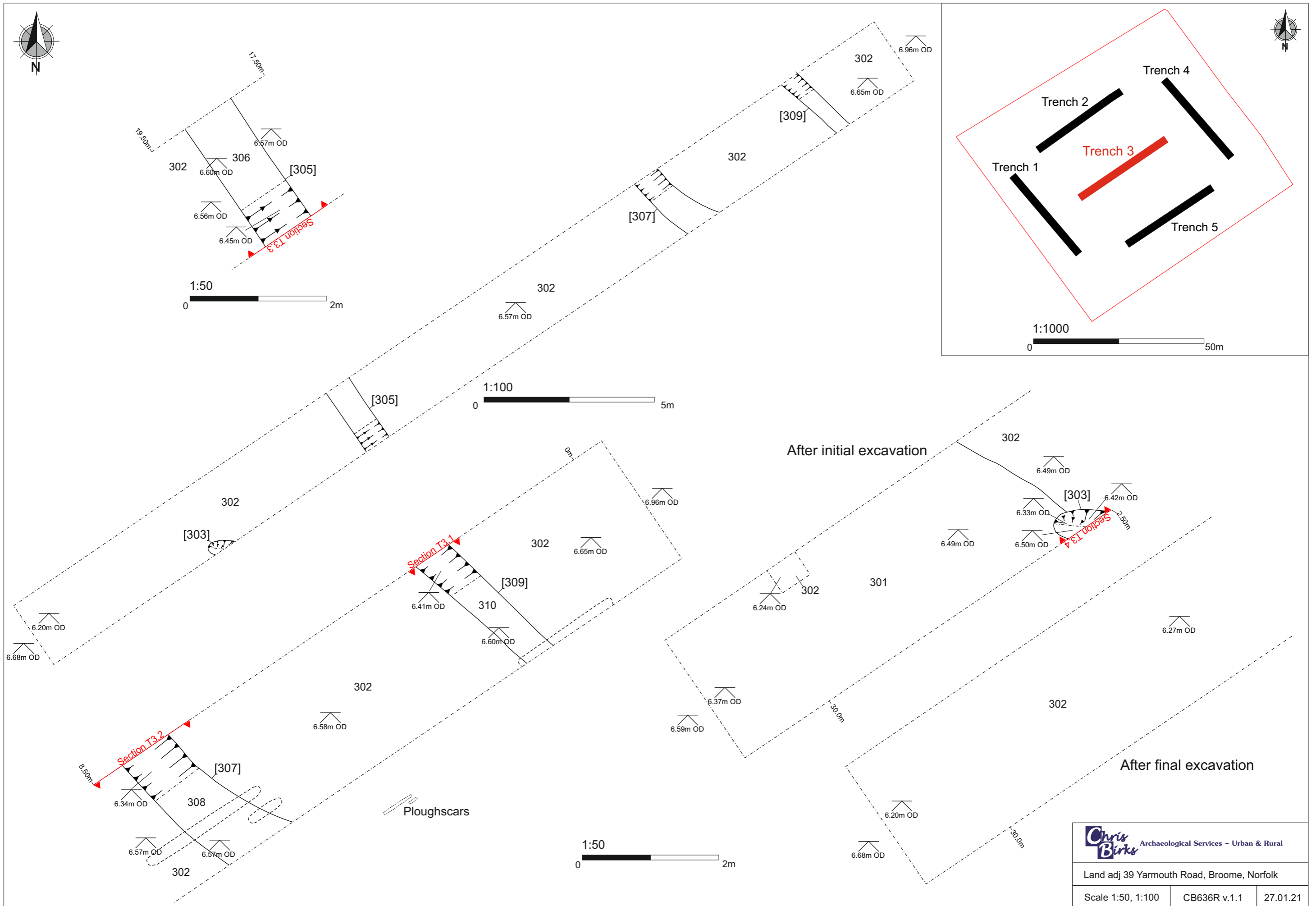


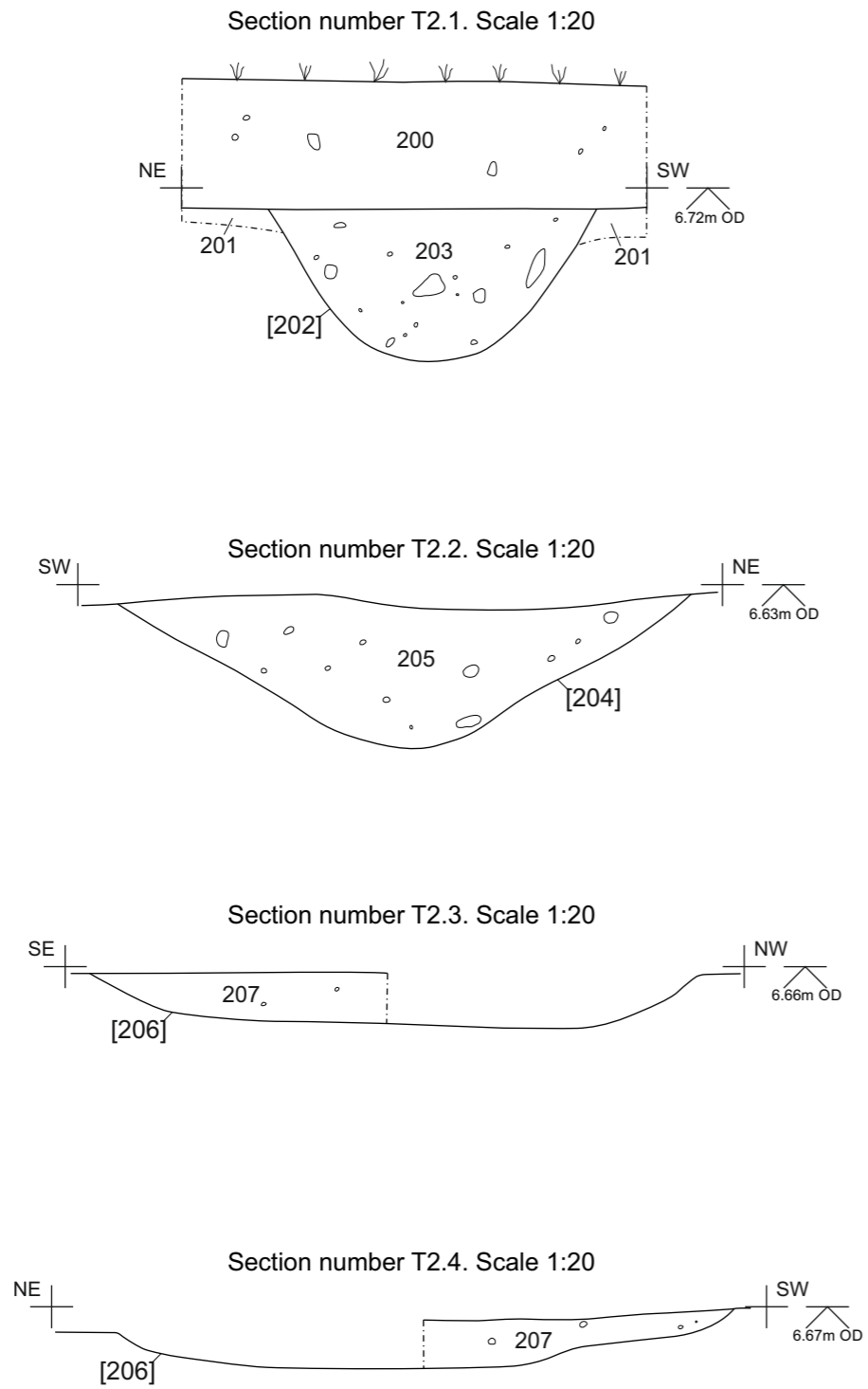
Fig. 4. Trench 2 plan drawings



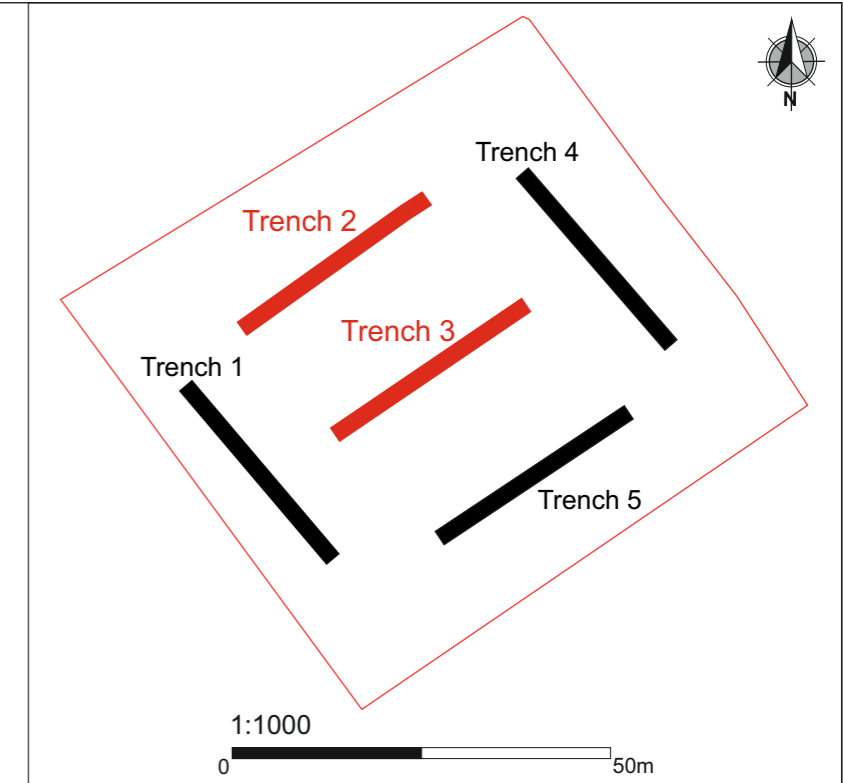
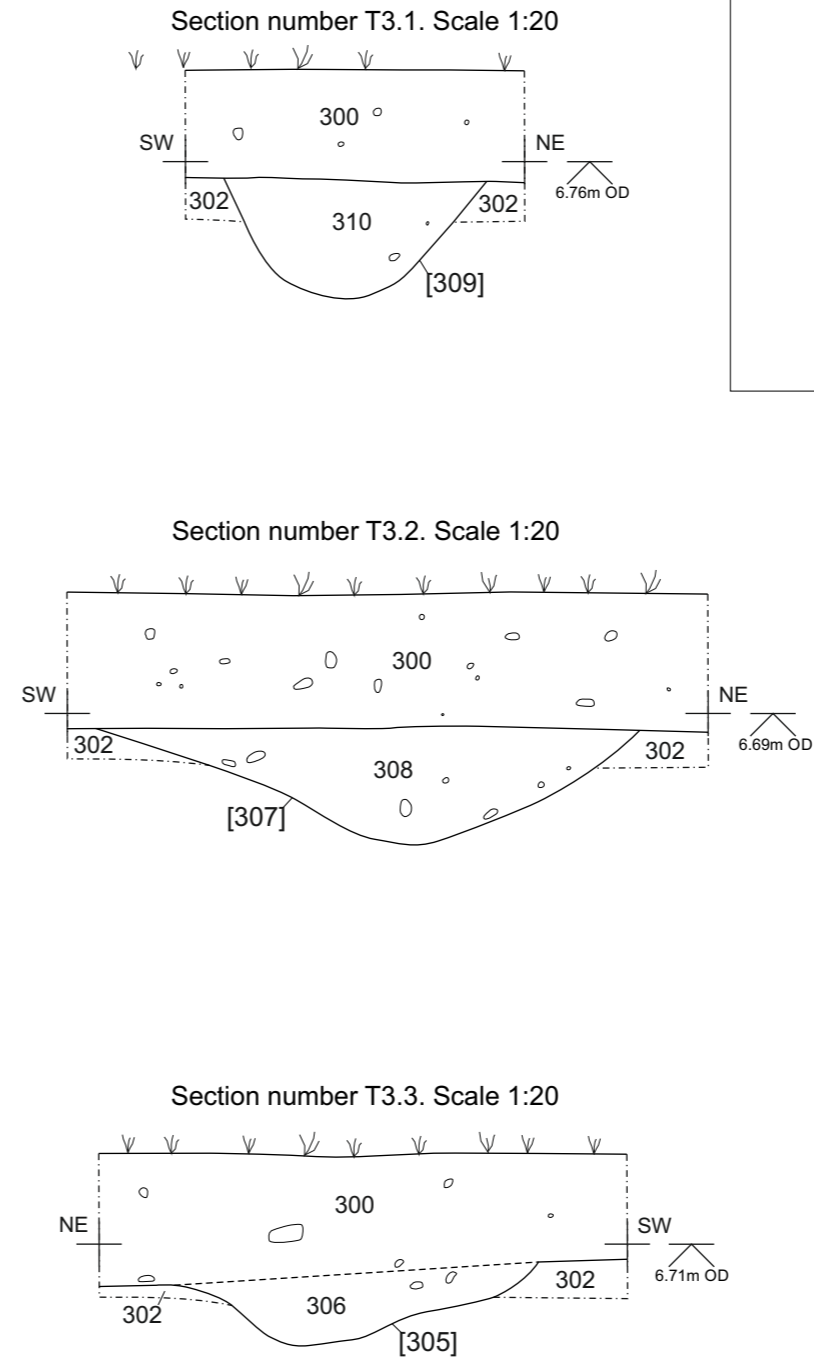
Chris Birks Archaeological Services - Urban & Rural
 Land adj 39 Yarmouth Road, Broome, Norfolk
 Scale 1:50, 1:100 CB636R v.1.1 27.01.21

Fig. 5. Trench 3 plan drawings

Trench 2 section drawings



Trench 3 section drawings



Land adj 39 Yarmouth Road, Broome, Norfolk		
Scale 1:20	CB636R v.1.1	27.01.21

Fig. 6. Trench 2 and 3 section drawings

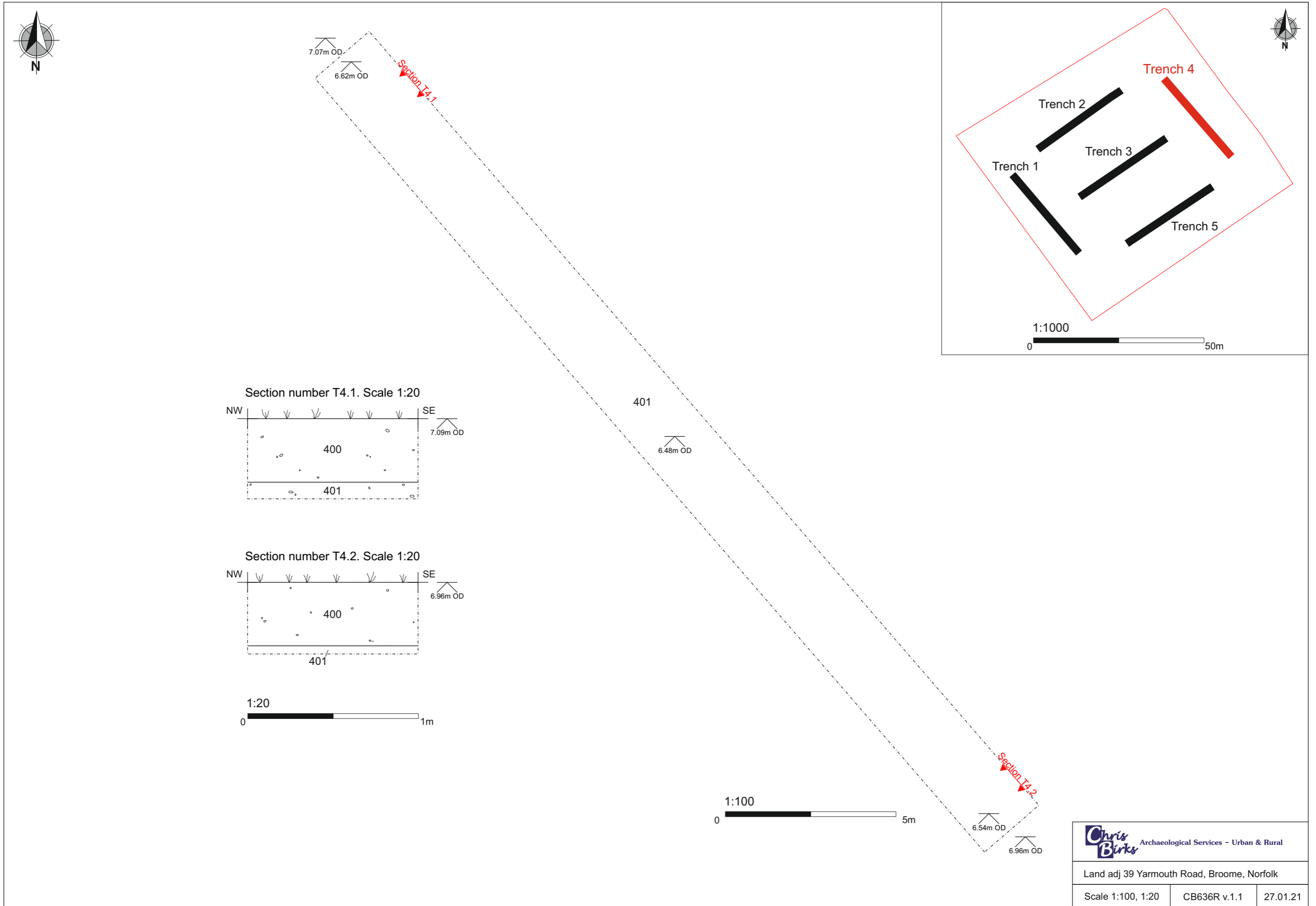
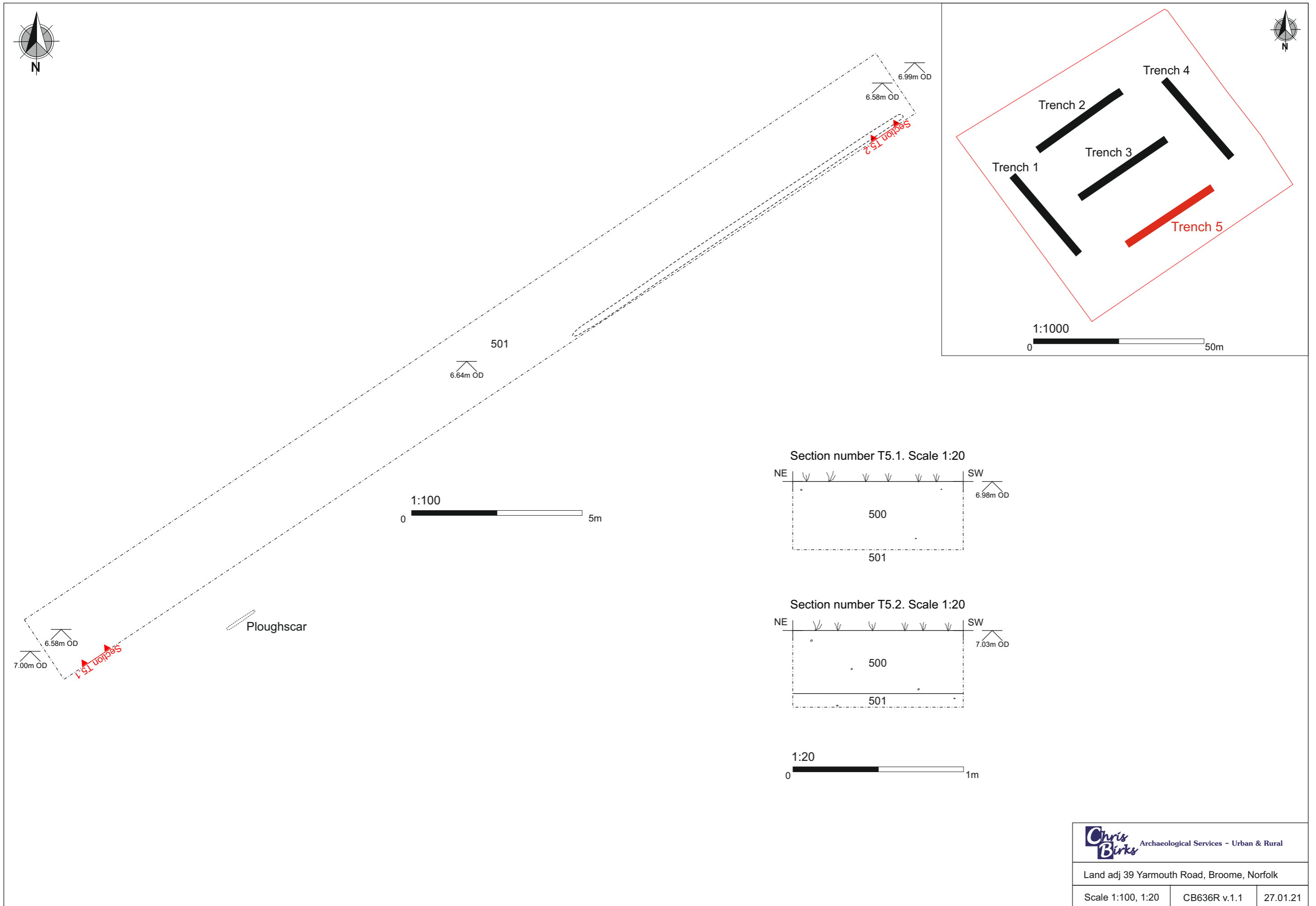
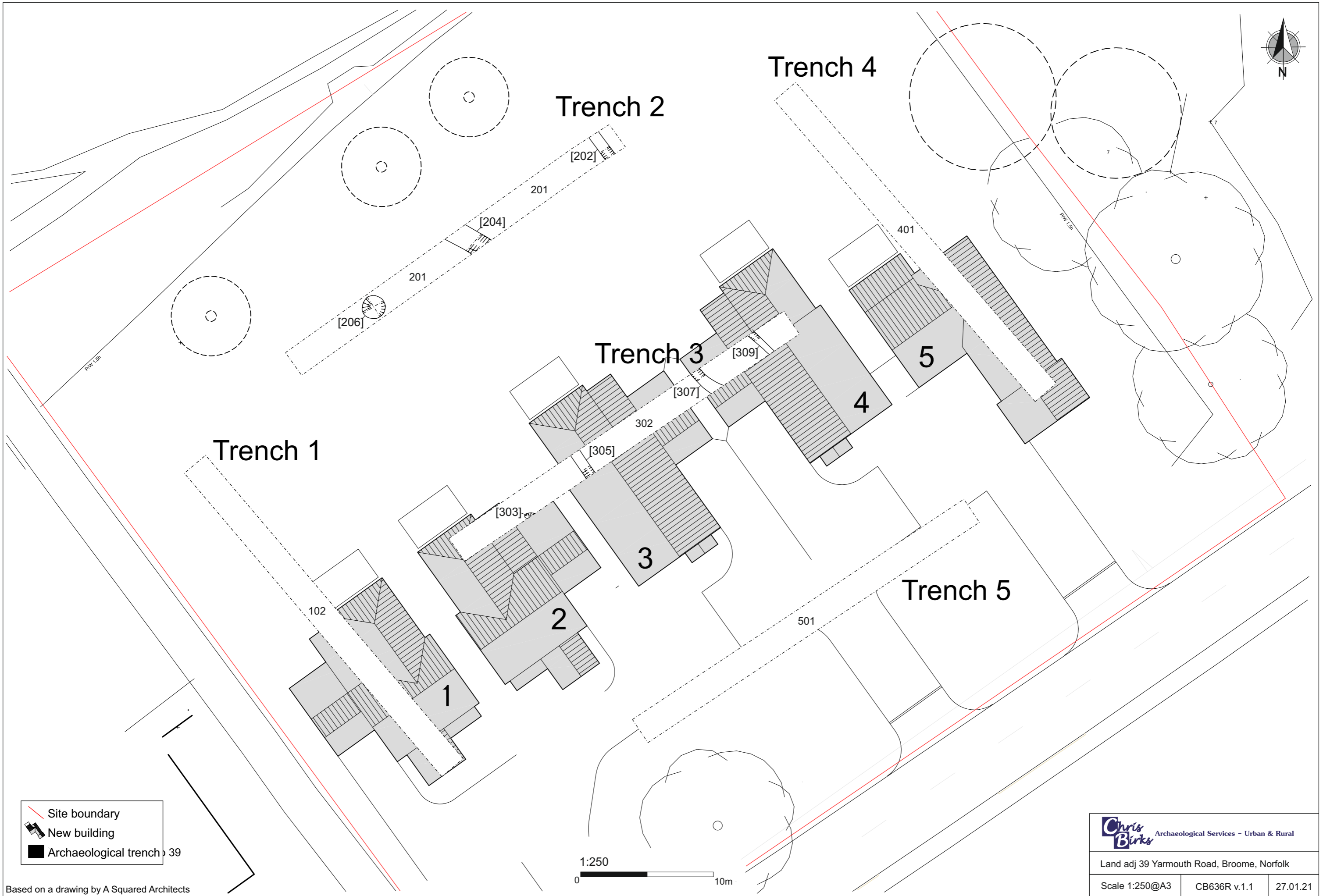


Fig. 7. Trench 4 drawings



Land adj 39 Yarmouth Road, Broome, Norfolk		
Scale 1:100, 1:20	CB636R v.1.1	27.01.21

Fig. 8. Trench 5 drawings



Based on a drawing by A Squared Architects

Figure 9. Site plan overlay

Land adj 39 Yarmouth Road, Broome, Norfolk		
Scale 1:250@A3	CB636R v.1.1	27.01.21