

**LAND TO THE NORTH OF PYLAND'S LANE, HEDGE END, HAMPSHIRE
ARCHAEOLOGICAL EVALUATION REPORT**

Issue 1: Issued For Approval
Local Planning Authority: Eastleigh Borough Council
Planning Reference: O/12/71522 & O/12/71514
NGR: 448866 111531
Site Code: SHHE16

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R12383

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DOCUMENT VERIFICATION
Pylands Lane, Hedge End, Hampshire

Archaeological Evaluation

Report Ref R12383

Quality Control

Pre-Construct Archaeology Limited Project Code			K4351
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Revision No.	Date	Checked	Approved

1 ABSTRACT

Pre-Construct Archaeology Ltd (PCA) was appointed by CgMs Consulting to undertake an archaeological evaluation on land to the north of Pyland's Lane, Hedge End, Hampshire, NGR 448866 111531. The Site is the subject of proposed housing development including a new road ('Sunday's Hill Bypass') linking Heath House Lane and Dodwell lane/Jct 8 of the M27 motorway.

This report sets out the results of the evaluation, which comprised the excavation of 52 (of a proposed 57) 30m X 2m trenches, carried out between the 26th of January and the 9th of February 2016.

The evaluation revealed sparse evidence of former land use of any date. It revealed a very low number of sub-surface features, none of which were datable. This would appear to suggest the Site, in particular those parts of it to be developed for housing and to be the route of a new road, retains no significant archaeological resource potential.

2 INTRODUCTION

2.1 Project Background

- 2.1.1 Pre-Construct Archaeology Ltd (PCA) was appointed by CgMs Consulting to undertake an archaeological evaluation on land to the north of Pyland's Lane, Hedge End, Hampshire (**Figures 1 & 2**), hereafter 'the Site', NGR 448866 111531. The Site is the subject of a proposed housing development and a new road ('Sunday's Hill Bypass') linking Heath House Lane and Dodwell lane/Jct 8 of the M27 motorway.
- 2.1.2 The evaluation forms part of a programme of archaeological works required by Condition 12 of outline planning permission for housing development at Pyland's Lane (Eastleigh Borough Council Planning Ref: O/12/71522) and conditions 26 & 27 of outline planning permission for housing development at Boorley Green (Eastleigh Borough Council ref O/12/71514), the latter including the proposed 'Sundays Hill Bypass. In accordance with the planning conditions a Written Scheme of Investigation for the evaluation of the Pyland's Lane housing proposal and bypass route was prepared in January 2016 (PCA 2016) and approved by on behalf of the Local Planning Authority by the Hampshire County Archaeologist. The evaluation was carried out between the 26th January and 9th February 2016.
- 2.1.3 This report sets out the results of the evaluation, which comprised the excavation of 52 (of a proposed 57) 30m X 2m trenches the proposed by-pass and housing. It has been prepared in accordance, with the Chartered Institute for Archaeologists' 'Standards and Guidance for Archaeological Excavations' (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, an irregular area of approximately 21ha, is located on land immediately south of Hedge End, south of Heath House Lane, east of Dodwell Lane and north of Pyland's Lane. The Site has most recently comprised a number of open land parcels, some occupied by dwellings and small businesses accessed from Pyland's Lane. In the northern part of the site is Hoe Moor Creek, a watercourse, flowing east along a steep sided valley from Pilands Copse toward the River Hamble, which runs 1.3km to the east of the Site.
- 2.2.2 Open ground over much of the Site has recently been subject to widespread de-turfing for the purpose of inhibiting wildlife habitats. In consequence, the Site contains numerous turf bunds.
- 2.2.3 The Site is characterised by steeply sloping ground falling south from Heath House Lane and north from properties fronting Pyland's Lane, toward the steep sided valley in the northern part of the Site. Land in the south-western part of the Site is more gently sloped, falling from north to south. Ground level varies considerably and occurs at 70m above Ordnance Datum (aOD) to the west of the Site and 25m aOD in the lowest, north-eastern part of the Site.
- 2.2.4 The solid geology of the Site comprises London Clay Formation, comprising Clay, silt and sand (<http://mapapps.bgs.ac.uk/geologyofbritain/home.html>). During a walk-over of the Site, it was noted at ground level that superficial deposits included waterworn fine gravel.

2.3 Archaeological and Historical Background

- 2.3.1 The Site lies in an area of known archaeological sites and find spots of prehistoric and Romano-British date but none of later periods have been recorded in its vicinity. A Lower Palaeolithic handaxe was recorded 500m north-west of the Site and finds of Mesolithic and later prehistoric dates were recorded during construction of the M27 motorway, some 900m south-west of the Site. There is evidence for later prehistoric settlement and funerary sites on the river terrace gravels associated with the extinct Solent River and its tributaries, such as the River Hamble, however, their distribution and density has proven difficult to predict despite recent increased development-led archaeological prospection.
- 2.3.2 The projected line of the Roman road between *Clausentum* (Bitterne) and Porchester passes to the north of the Site, running west to east. The course of the road appears to cross the Hamble, 1.3km east of the Site, close to the site of a Roman building, first recorded in the late 19th century, near Fairthorne Manor. A number of sites, including near Botley, appear to indicate the area was exploited for tile and pottery manufacture in the Romano-British period.

3 AIM

3.1 Archaeological Evaluation

- 3.1.1 The aim of the archaeological evaluation was to determine the character, extent, date, condition and significance of archaeological resources that may survive within the Site, taking account of their potential to contain biological and palaeo-environmental remains.
- 3.1.2 This report on the results of the evaluation aims to provide sufficient information so that the future treatment of any archaeological resources that have been identified, in respect of the proposed development, may be determined.

4 RESULTS

4.1 Introduction

- 4.1.1 This section provides a summary of the results of the evaluation and is based on the Site archive, which comprises written, drawn and photographic records along with a small assemblage of artefacts. A trench summary table is provided in **Appendix 1**. General views of the Site and evaluation trenches are provided in **Appendix 2, Plates 1-3**. The site archive is held at PCA's Winchester office under Site code **SHHE16**.

4.2 Environs and Constraints

- 4.2.1 The western portion of the Site contained a number of dilapidated out buildings and the rear of properties extending from Pylands Lane, which appear to have opened onto a small paddocks and fields. The eastern portion of the Site comprised a single, relatively elevated field sloping from the west to the north and east. The topography of the western and central portions of the Site are dominated by a dry valley deepening from west to east before turning north into Pilands Copse where it merges with the steep sided Hoe Moor Creek, north of which the land rises steeply to Heath House Lane. This topography includes areas of steeply sloped ground and necessitated the adjustment of the proposed location and orientation of some trenches
- 4.2.2 Prior to the evaluation, most of Site had been de-turfed as part of an ecological mitigation plan, with turf bunds distributed across the Site. The effect of this was to reduce the recordable soil profile in the evaluation trenches. Where surviving, the topsoil in the western part of the Site was generally around 0.15m thick and was a dark greyish brown clayey silt or silty clay. It is estimated that between 0.1m and 0.2m had been stripped off the Site as part of the ecological mitigation works.

- 4.2.3 The Site is traversed by a high-voltage power supply that caused the re-siting of a number of the evaluation trenches.

4.3 Evaluation Trenches

- 4.3.1 A total of 52 of the proposed 57 30m by 2m trenches were opened (**Figure 2**). Of the five trenches not excavated: trenches 9 and 10 in the northern part of the Site near Heath House Lane were not opened as the combination of the gradient and de-turfing made that part of the Site inaccessible to machinery; trench 19 was positioned beneath the high-voltage supply and could not be effectively repositioned; trench 31 was proposed within an area in use as a compound and car park and trench 35 was located amongst outbuildings.
- 4.3.2 Three trenches, 3, 5 and 33 were abandoned once excavated due to flooding.
- 4.3.3 Trenches 8, 17, 26 and 34 were repositioned variously to avoid a steep gradient, power cables or outbuildings.
- 4.3.4 The evaluation trenches revealed natural superficial geology comprising silty clay in the western part of the Site, with bands of rounded pebbles. In the eastern field the natural comprised orange sand and silt.
- 4.3.5 Only seven trenches revealed sub-surface features (**Figure 3**). None of the features yielded any datable artefacts. Trench 24 revealed a linear feature [2403] (**Figure 5**) aligned north to south, which was approximately 1m wide, 0.5m deep and had a rounded profile; it appeared to correspond with an extant, visible field boundary. Trench 35 revealed a ditch terminus [3504] (**Figure 6**). Running on east to west alignment, the ditch was 0.6m wide and 0.2m deep with steep sides and a flat base. Trenches 14, 16 and 32 each contained a single small, sub-circular feature (**Figure 8**). On the route of the proposed by-pass and in the eastern field, Trench 8 contained a north-west to south-east aligned ditch [803] 1m wide, 0.3m deep with steep sides and a flat base (**Figure 4**). This follows the steep fall into Hoe Moor Creek and probably follows a modern field boundary. Ditch [5204] (**Figure 7**), revealed in Trench 52, was north-east to south-west aligned, 0.5m wide and 0.2m deep; it may, again, follow a modern boundary.
- 4.3.6 No finds were recovered from the seven features, the excavated overburden from the evaluation trenches or the de-turfed ground surface of the Site. No palaeo-environmental samples were taken.

4.4 Conclusions

- 4.4.1 The evaluation was carried out broadly in keeping with the Written Scheme of Investigation and achieved the broad coverage of the Site that was intended, with the exception of the northern-most part of the site north of Hoe Moor Creek where the steep slope and ground conditions meant that Trenches 9 and 10 were not possible. The prior de-turfing of the Site did not appear to have compromised its perceived archaeological potential, although the soil profile recorded by the trenches had in most places been truncated.
- 4.4.2 The evaluation revealed sparse evidence of former land use of any date. It revealed a very low number of sub-surface features, none of which were datable. This would appear to suggest the Site, in particular those parts of it to be developed for housing and to be the route of a new road, retains no significant archaeological resource potential.

5 ACKNOWLEDGEMENTS

Pre-Construct Archaeology Ltd is grateful to Matt Smith of CgMs Consulting Ltd for commissioning the evaluation and David Hopkins, Hampshire County Archaeologist, for monitoring the work on behalf of the Local Planning Authority.

The assistance of Chris Brown of Ready Power Ltd, plant supplier, is gratefully acknowledged.

The fieldwork was carried out by Steph Ralph, Dom McAtominey, Ryan Wolfe, Steve Hubbard, Maisie Marshall and Thom Hayes, supervised by Jon Kaines. This report was prepared by Jon Kaines and illustrated by Ray Murphy. The project was managed for PCA by Paul McCulloch.

6 REFERENCES

Pre-Construct Archaeology, 2016, Land to the North of Pyland's Lane, Hedge End, Hampshire: Written Scheme of Investigation for an Archaeological Excavation. Unpublished Client Report.

APPENDIX 1: TRENCH SUMMARIES

Trench No.	Context	Type	Description	Depth BGL [m]
1	101	Layer	Topsoil	0.2
	102	Layer	Natural	>0.20
2	201	Layer	Topsoil	0.21
	202	Layer	Natural	>0.21
3	301	Layer	Topsoil	N/A
	302	Layer	Natural	N/A
4	401	Layer	Topsoil	0.17
	402	Layer	Natural	>0.17
5	501	Layer	Topsoil	0.35
	502	Layer	Natural	>0.35
6	601	Layer	Topsoil	0.05
	602	Layer	Natural	>0.05
7	701	Layer	Topsoil	0.27
	702	Layer	Natural	>0.27
8	801	Layer	Topsoil	0.32
	802	Layer	Natural	>0.32
	803	Cut	Cut of ditch	0.54
	804	Fill	Fill of ditch	0.54
11	1101	Layer	Topsoil	0.15
	1102	Layer	Natural	>0.15
12	1201	Layer	Topsoil	0.15
	1202	Layer	Natural	>0.15
13	1301	Layer	Topsoil	0.18
	1302	Layer	Natural	>0.18
14	1401	Layer	Topsoil	0.18
	1402	Layer	Natural	>0.18
	1403	Cut	Cut of discrete feature	0.35
	1404	Fill	Fill of discrete feature	0.35
15	1501	Layer	Topsoil	0.17
	1502	Layer	Natural	>.017
16	1601	Layer	Topsoil	0.18
	1602	Layer	Natural	>0.18
	1603	Cut	Cut of discrete feature	0.15
	1604	Fill	Fill of discrete feature	>0.15
17	1701	Layer	Topsoil	0.15
	1702	Layer	Natural	>0.15
18	1801	Layer	Topsoil	0.28

	1802	Layer	Natural	>0.28
20	2001	Layer	Topsoil	0.19
	2002	Layer	Natural	>0.19
21	2101	Layer	Topsoil	0.27
	2102	Layer	Natural	>0.27
22	2201	Layer	Topsoil	0.16
	2202	Layer	Natural	>0.16
23	2301	Layer	Topsoil	0.13
	2302	Layer	Natural	>0.13
24	2401	Layer	Topsoil	0.2
	2402	Layer	Natural	>0.20
	2403	Cut	Cut of ditch	0.51
	2404	Fill	Fill of ditch	0.51
25	2501	Layer	Topsoil	0.26
	2502	Layer	Natural	0.17
26	2601	Layer	Topsoil	>0.17
	2602	Layer	Natural	0.3
27	2701	Layer	Topsoil	0.15
	2702	Layer	Natural	>0.15
28	2801	Layer	Topsoil	0.09
	2802	Layer	Natural	>0.09
29	2901	Layer	Topsoil	0.14
	2902	Layer	Natural	>0.14
30	3001	Layer	Topsoil	0.31
	3002	Layer	Natural	>0.31
	3201	Layer	Topsoil	0.38
	3202	Layer	Natural	>0.38
32	3203	Cut	Cut of Discrete feature	0.45
	3204	Fill	Fill of discrete feature	0.45
34	3401	Layer	Topsoil	0.26
	3402	Layer	Natural	>0.26
35	3501	Layer	Topsoil	0.21
	3502	Layer	Natural	>0.21
	3503	Layer	Fill of ditch	0.36
	3504	Layer	Cut of ditch	0.36
37	3701	Layer	Topsoil	0.33
	3702	Layer	Natural	>0.33
38	3801	Layer	Topsoil	0.12
	3802	Layer	Natural	>0.12
39	3901	Layer	Topsoil	0.11
	3902	Layer	Natural	>0.11

40	4001	Layer	Topsoil	0.18
	4002	Layer	Natural	>0.18
41	4101	Layer	Topsoil	0.15
	4102	Layer	Natural	>0.15
42	4201	Layer	Topsoil	0.3
	4202	Layer	Natural	>0.30
43	4301	Layer	Topsoil	0.16
	4302	Layer	Natural	>0.16
44	4401	Layer	Topsoil	0.18
	4402	Layer	Natural	>0.18
45	4501	Layer	Topsoil	0.18
	4502	Layer	Natural	>0.18
46	4601	Layer	Topsoil	0.12
	4602	Layer	Natural	>0.12
47	4701	Layer	Topsoil	0.23
	4702	Layer	Natural	>0.23
48	4801	Layer	Topsoil	0.19
	4802	Layer	Natural	>0.19
49	4901	Layer	Topsoil	0.18
	4902	Layer	Natural	>0.18
50	5001	Layer	Topsoil	0.17
	5002	Layer	Natural	>0.17
51	5101	Layer	Topsoil	0.24
	5102	Layer	Natural	>0.24
52	5201	Layer	Topsoil	0.21
	5202	Layer	Natural	>0.21
	5203	Cut	Fill of ditch	0.3
	5204	Fill	Cut of ditch	0.3
53	5301	Layer	Topsoil	0.19
	5302	Layer	Natural	>0.19
54	5401	Layer	Topsoil	0.28
	5402	Layer	Natural	>0.28
55	5501	Layer	Topsoil	0.29
	5502	Layer	Natural	>0.29
56	5601	Layer	Topsoil	0.18
	5602	Layer	Natural	>0.18
57	5701	Layer	Topsoil	0.18
	5702	Layer	Natural	>0.18

APPENDIX 2: PLATES



Plate 1: Trench 11, view to east.



Plate 2: Trench 7, view to west.



Plate 3: Trench 43, view to east.

APPENDIX 3: OASIS RECORD

OASIS ID: preconst1-242747

Project details

Project name	Pyland's Lane, Hedge End, Hampshire
Short description of the project	Evaluation ahead of proposed housing and by-pass development. 52 trench evaluation revealed no significant archaeological features or other resources.
Project dates	Start: 26-01-2016 End: 10-02-2016
Previous/future work	No / No
Any associated project reference codes	SHHE16 - Sitecode
Type of project	Field evaluation
Site status	None
Current Land use	Other 13 - Waste ground
Monument type	DITCH Uncertain
Significant Finds	NONE None
Methods & techniques	"Sample Trenches"
Development type	Housing estate
Development type	Road scheme (new and widening)
Prompt	Planning condition
Position in the planning process	After outline determination (e.g. As a reserved matter)

Project location

Country	England
Site location	HAMPSHIRE EASTLEIGH HEDGE END Pyland's Lane, Hedge End
Postcode	SO31 1BH
Study area	21 Hectares
Site coordinates	SU 48866 11531 50.900631752716 -1.30501469258 50 54 02 N 001 18 18 W Point
Height OD / Depth	Min: 25m Max: 70m

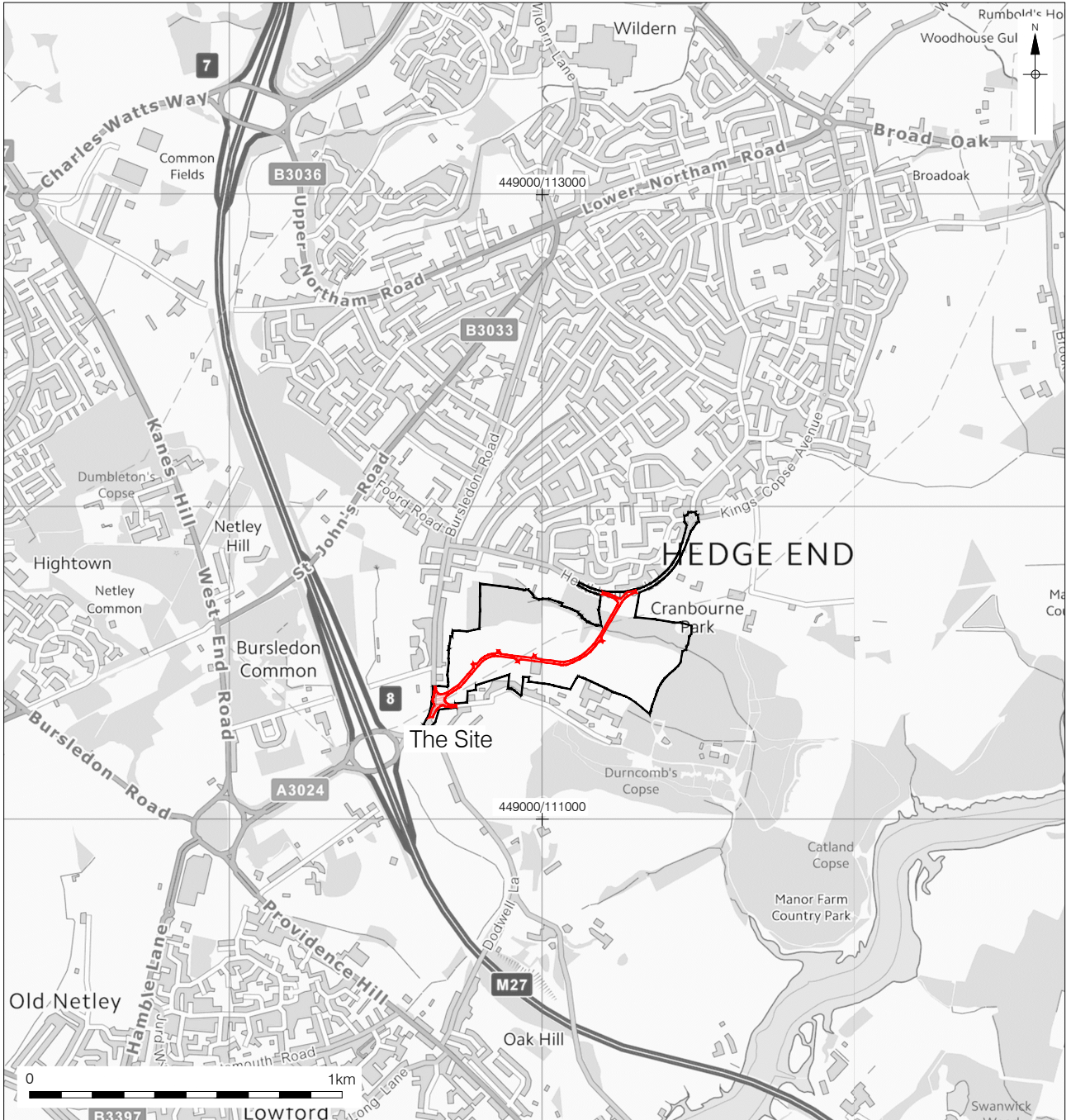
Project creators

Name of Organisation	PCA West
Project brief originator	CgMs Consultants Ltd
Project design originator	CgMs Consultants Ltd
Project director/manager	Paul McCulloch
Project supervisor	Jon Kaines
Type of sponsor/funding body	Bellway Homes

Project archives

Physical Archive Exists?	No
Digital Archive recipient	Hampshire Cultural Trust
Digital Archive ID	SHHE16
Digital Contents	"none"
Digital Media available	"Images raster / digital photography","Spreadsheets","Survey","Text"
Paper Archive recipient	Hampshire Cultural Trust
Paper Archive ID	SSHE16
Paper Contents	"none"
Paper Media available	"Context sheet","Diary","Drawing","Report"

Entered by	Jon Kaines (jkaines@pre-construct.com)
Entered on	16 February 2016



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Figure 1
 Site Location
 1:2,000,000, 1:250,000 and 20,000 at A4

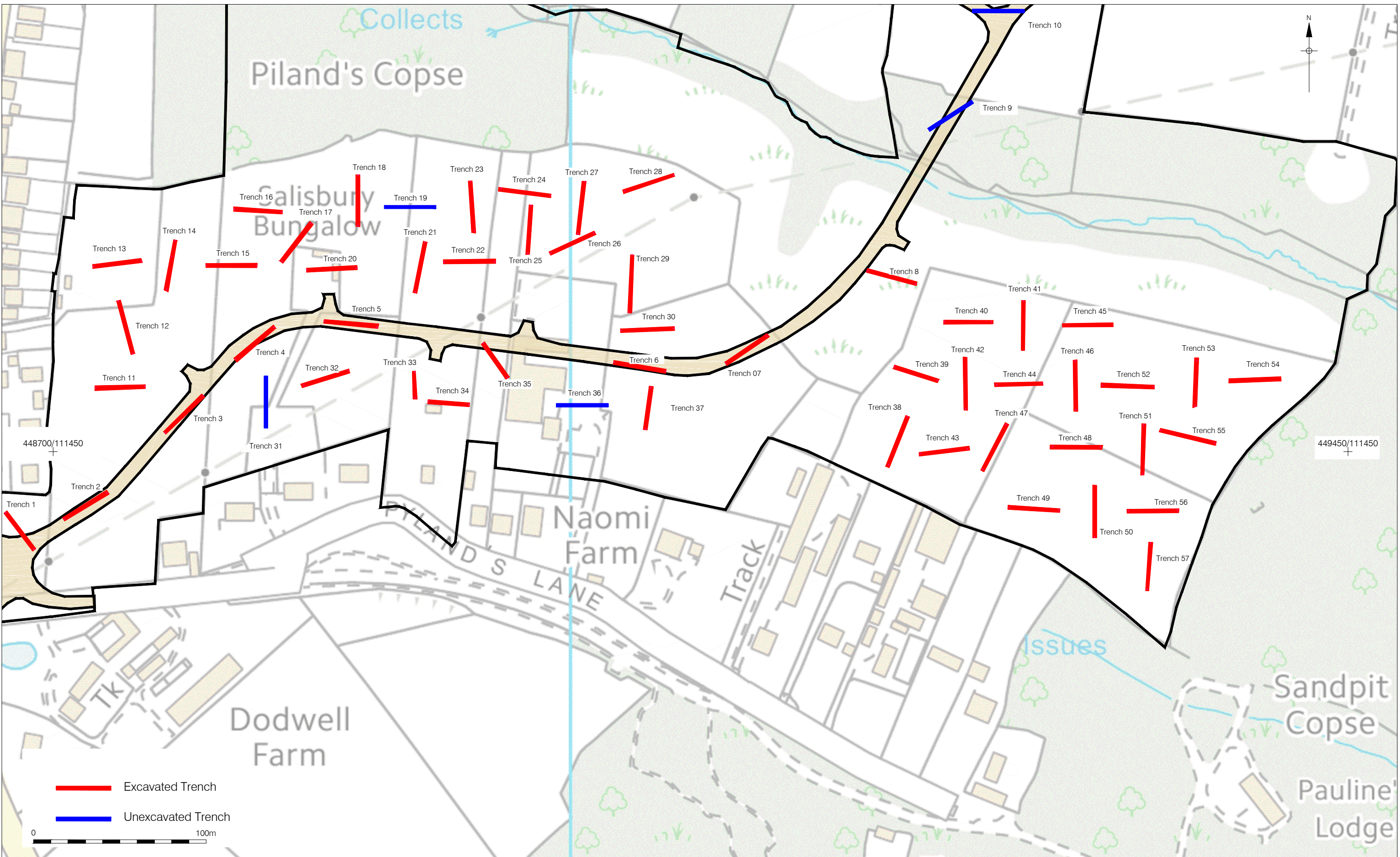


Figure 2
 Trench Location
 1:2,000 at A3

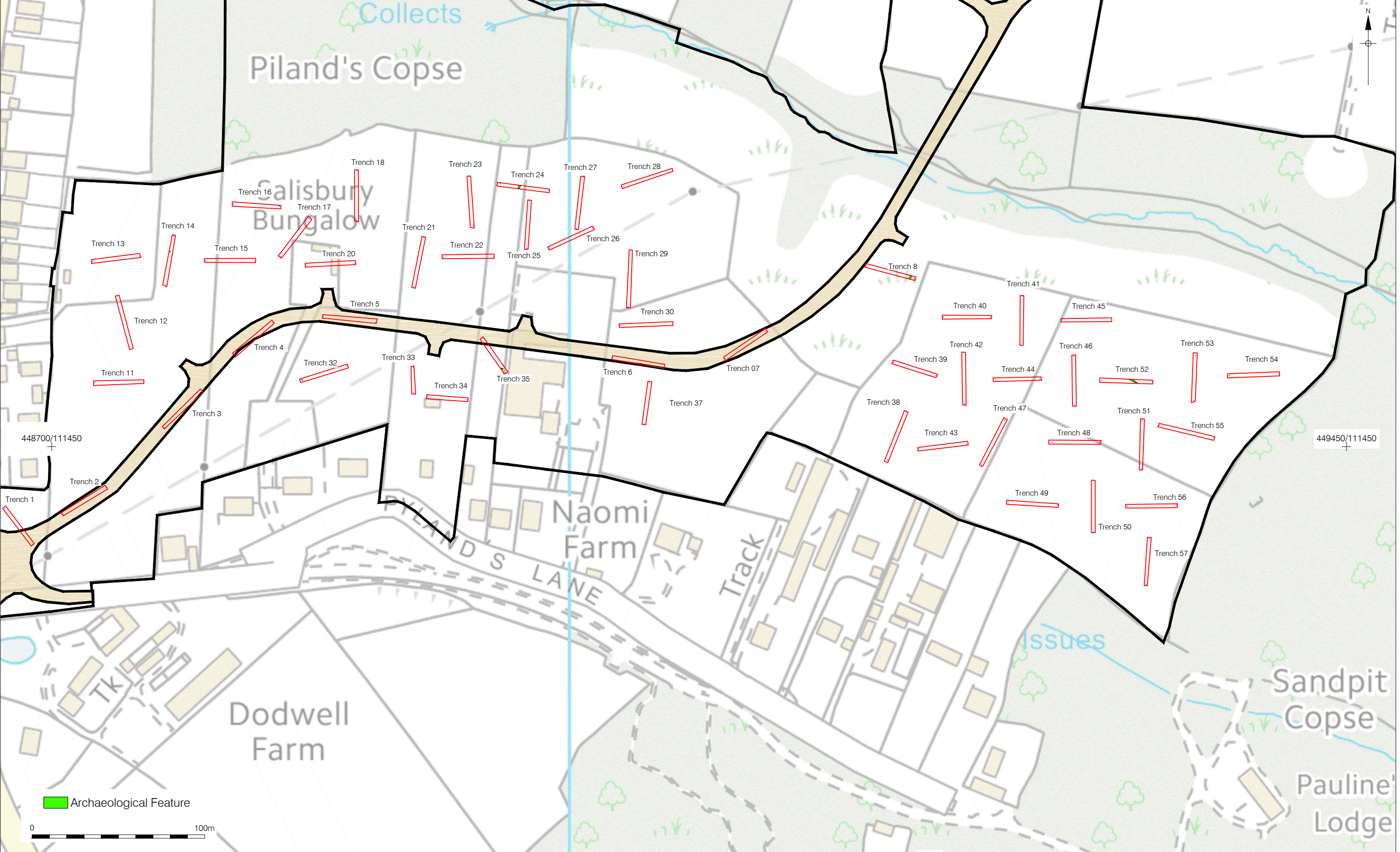
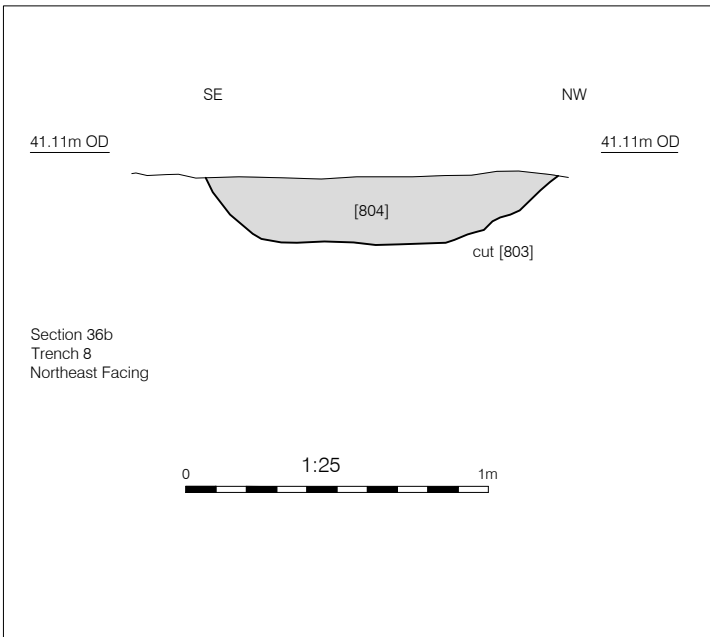
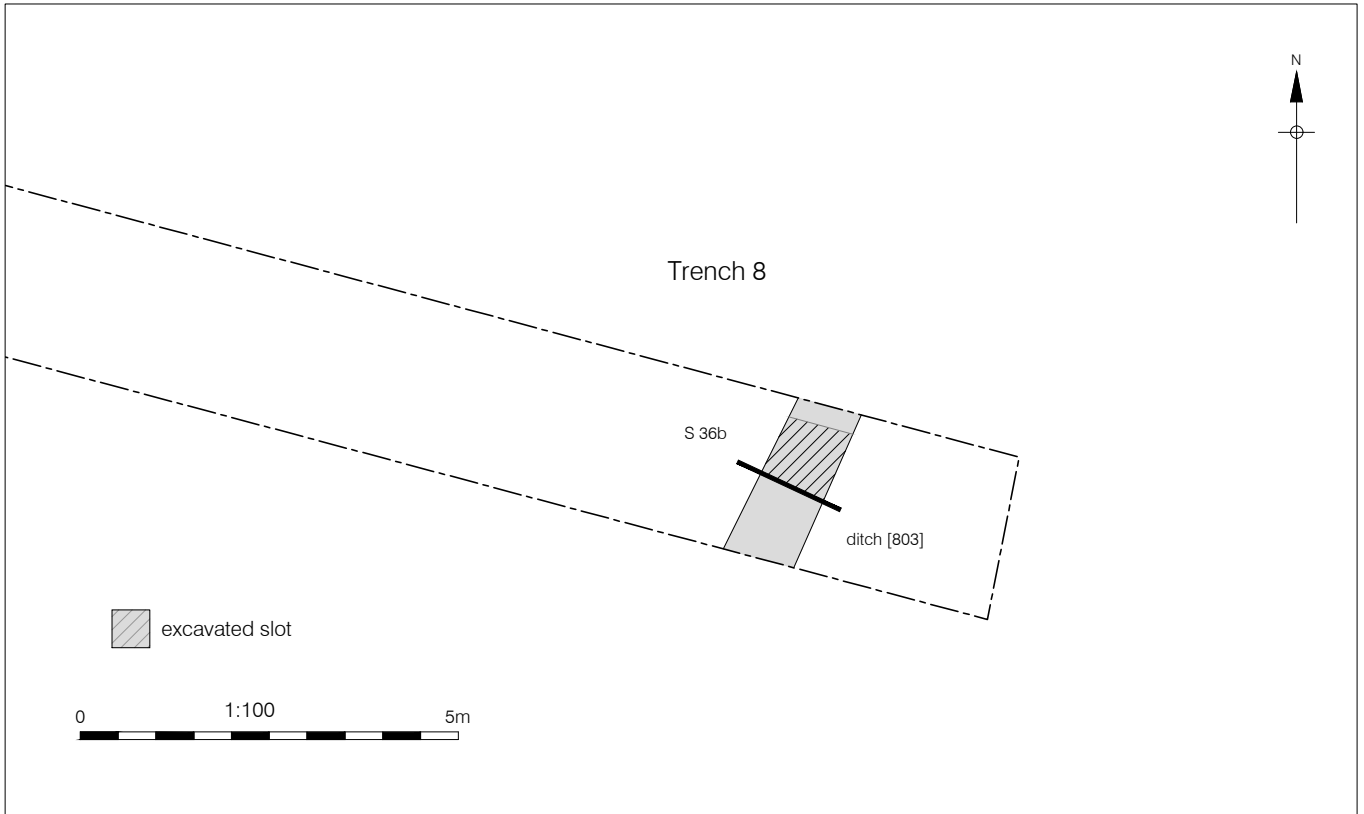
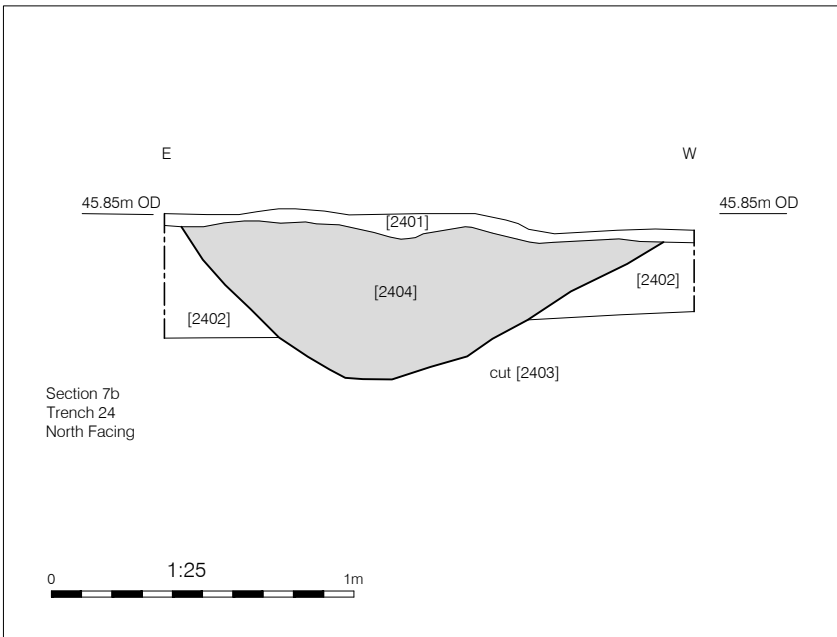
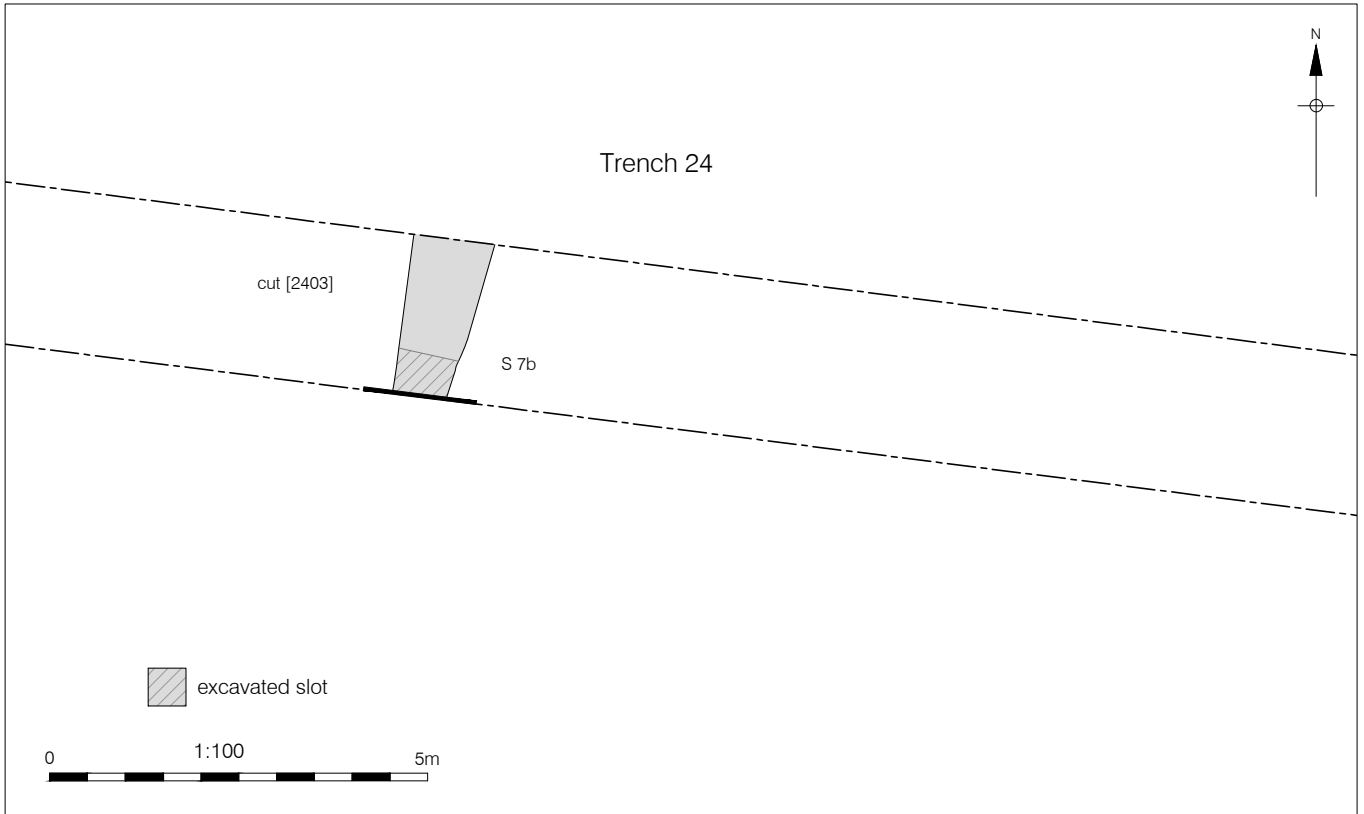


Figure 3
 Plan of Archaeological Features
 1:2,000 at A3



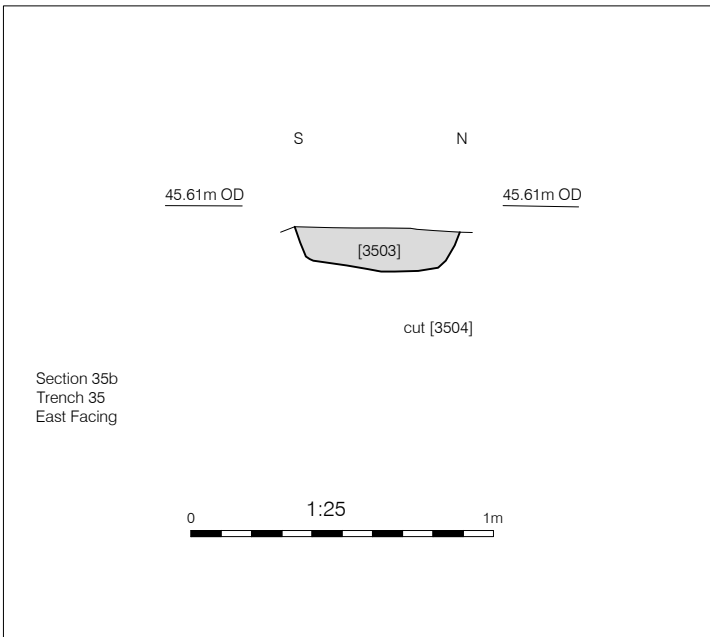
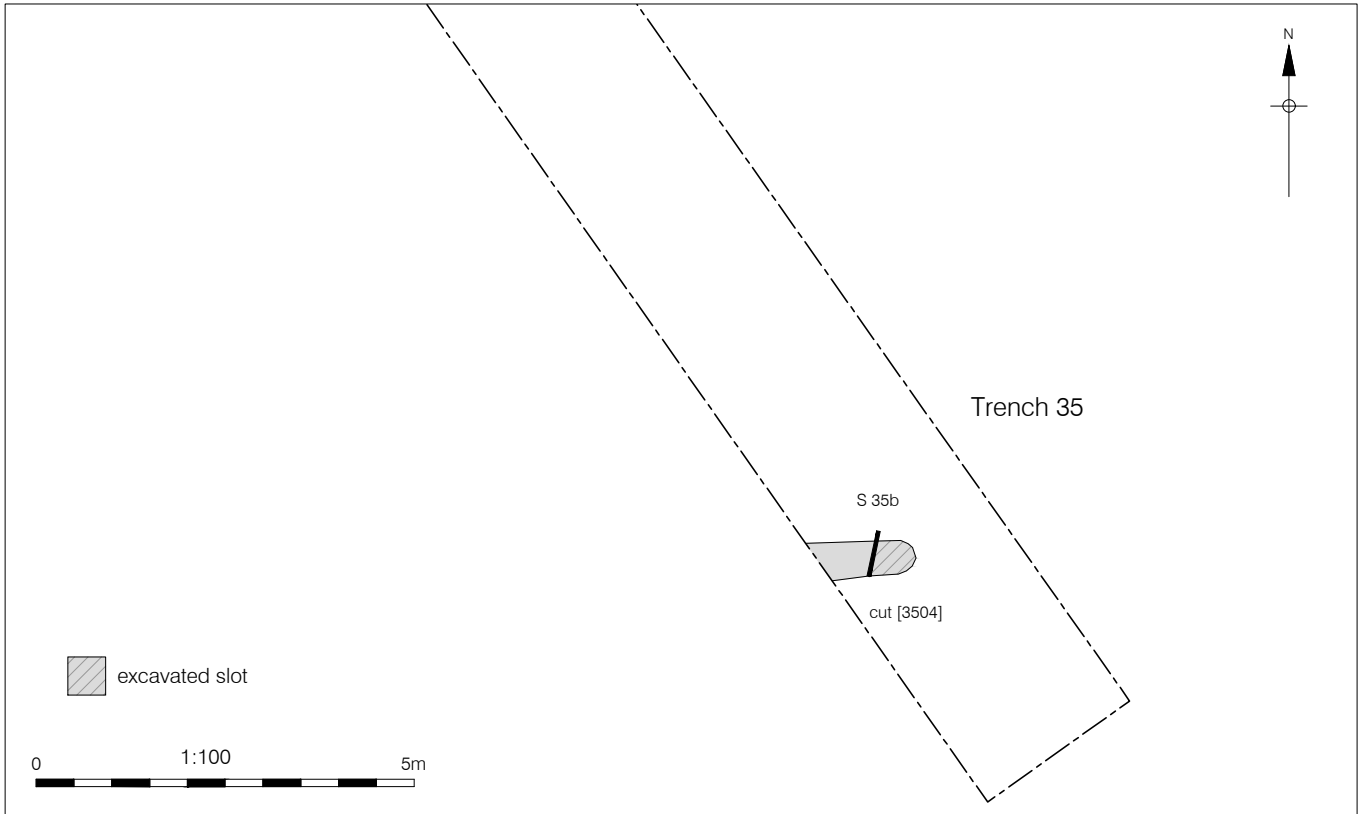
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Figure 4
Trench 8 - Plan, Section and Photograph
Plan 1:100 and Section 1:25 at A4



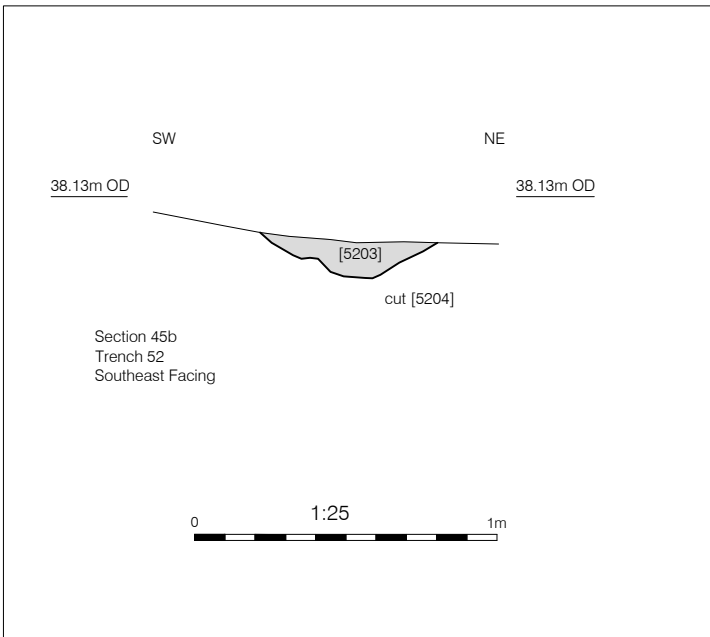
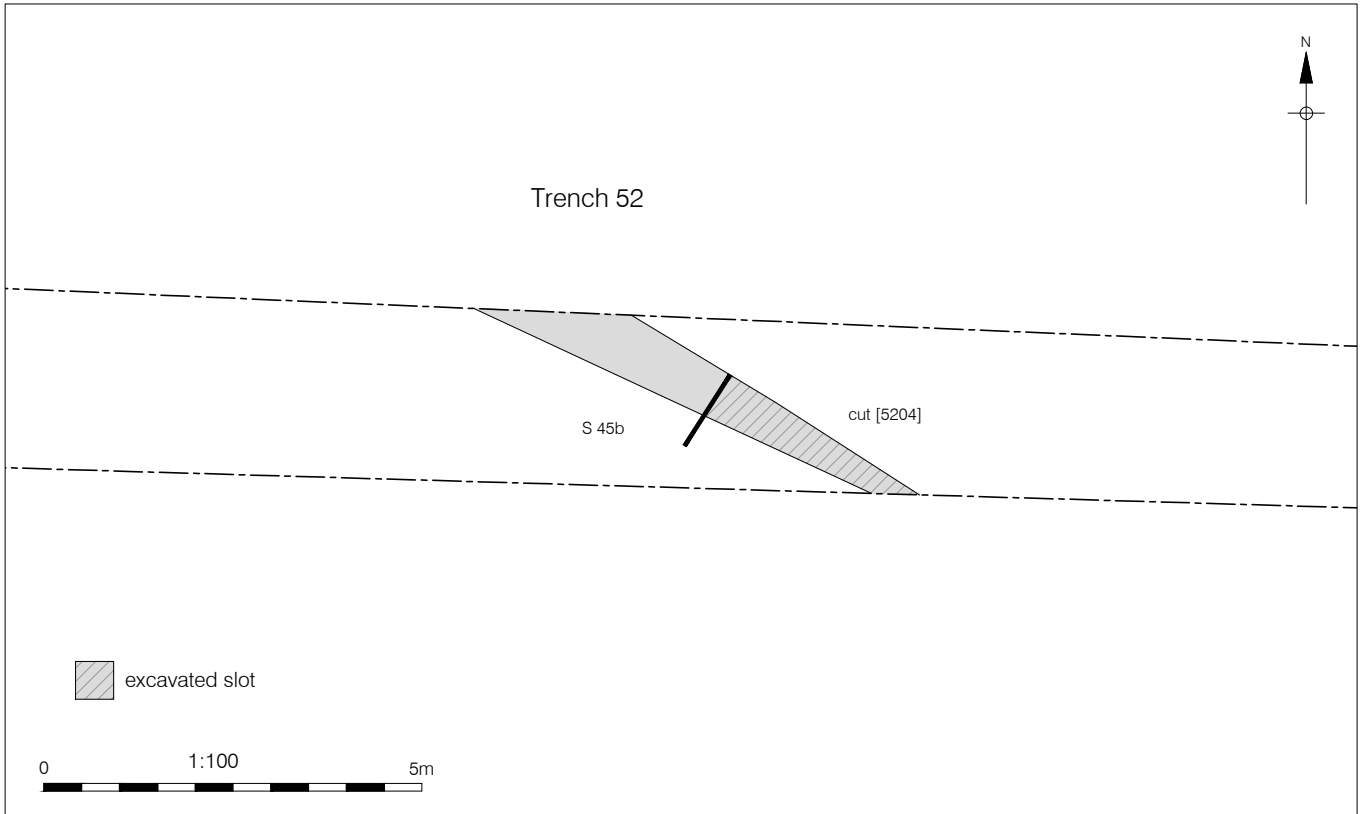
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Figure 5
Trench 24 - Plan, Section and Photograph
Plan 1:100 and Section 1:25 at A4



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Figure 6
Trench 35 - Plan, Section and Photograph
Plan 1:100 and Section 1:25 at A4



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Figure 7
Trench 52 - Plan, Section and Photograph
Plan 1:100 and Section 1:25 at A4

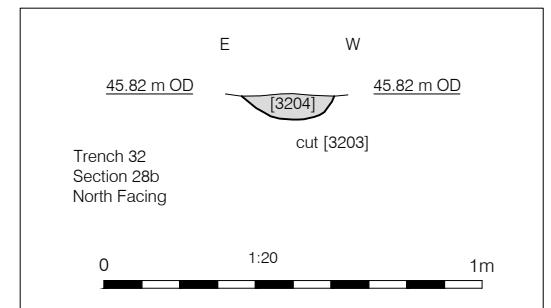
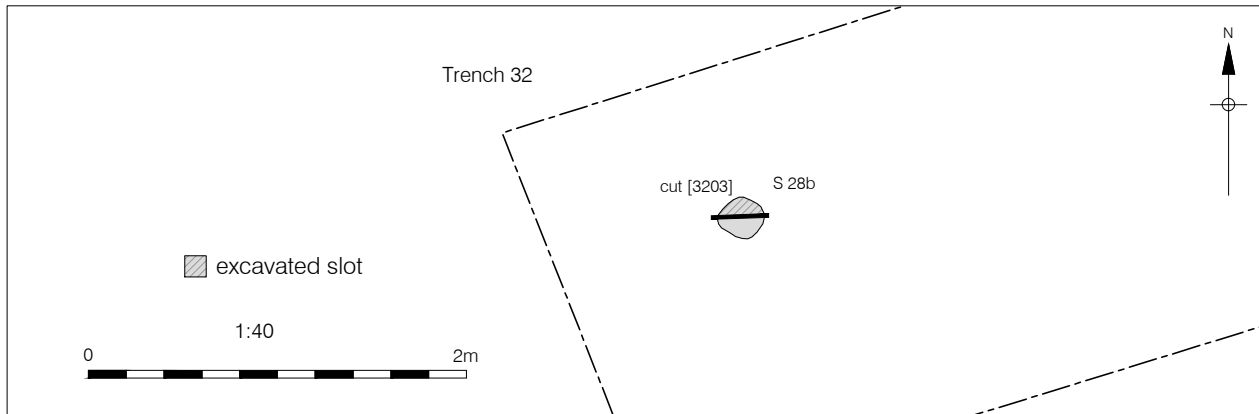
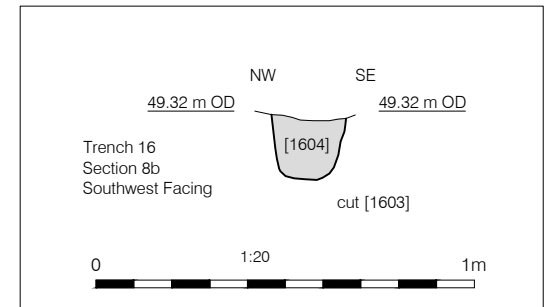
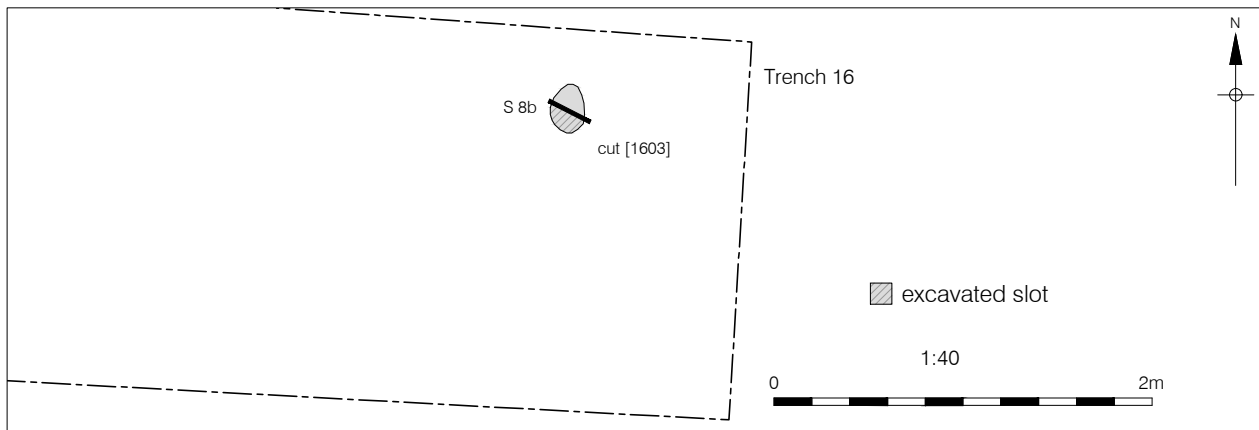
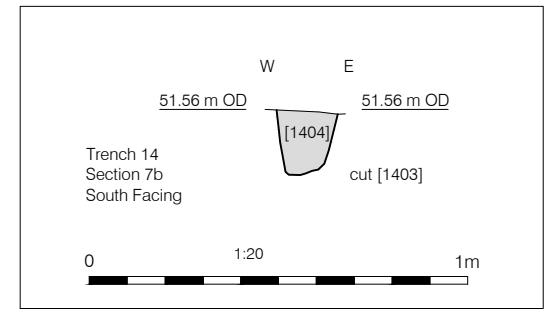
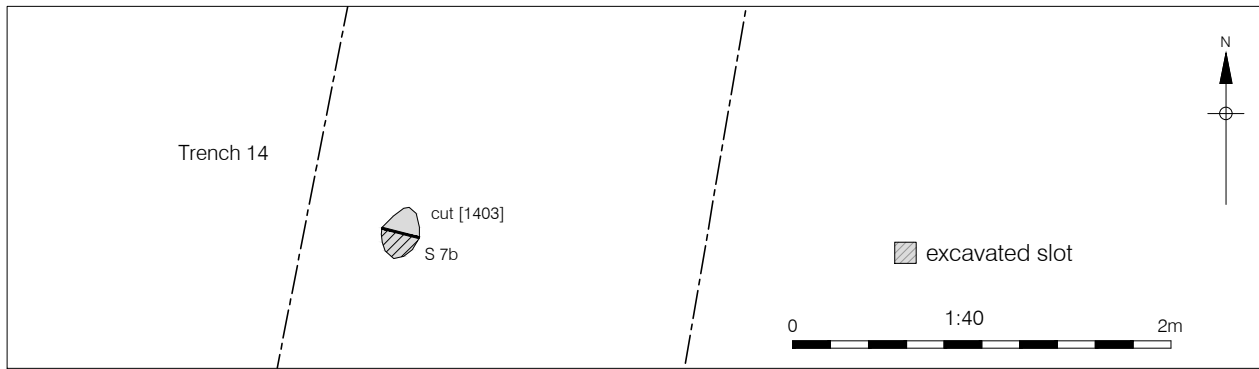


Figure 8
Trenches 14, 16 and 32 - Plans and Sections
Plans 1:40 and Sections 1:20 at A4