# **Humber Field Archaeology**

Archaeological Consultants and Contractors





# ARCHAEOLOGICAL OBSERVATION, INVESTIGATION AND RECORDING

11 KV UNDERGROUNDING THIXENDALE NORTH YORKSHIRE

**NOVEMBER-DECEMBER 2019** 

**Humber Field Archaeology Report no. 2123** 

#### ARCHAEOLOGICAL

#### OBSERVATION, INVESTIGATION AND RECORDING

#### 11KV UNDERGROUNDING

#### **THIXENDALE**

#### NORTH YORKSHIRE

**November-December 2019** 

Work carried out for Northern Powergrid (Yorkshire) Plc

Site Code: WB2019.011

National Grid Reference: SE 8419 6103 – SE 8409 6109

#### D. P. Rawson

HUMBER FIELD ARCHAEOLOGY, The Old School, Northumberland Avenue, KINGSTON UPON HULL, HU2 0LN

January 2020

**Humber Field Archaeology Report no. 2123** 

	REPORT DETAILS				
Report title:	Archaeological Observation, Investigation and Recording, 11KV Undergrounding, Thixendale, North Yorkshire				
Document Type:	Watching brief report				
Report Number	2123				
Client Name:	Northern Powergrid (Yorkshire) Plc				
Site Code:	WB2019.018				
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Version:	1				
Date:	10.01.20				
Author(s):	D. P. Rawson				
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Checked by:	D. Atkinson				
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Position:	Project Manager				

#### **Contents**

List	of Figures	3
List	of Plates	3
1	SUMMARY	4
2	INTRODUCTION	5
2.1	Circumstances of the fieldwork	5
2.2	Archaeological background	5
2.3	Methodology	5
2.4	Results	6
3	DISCUSSION	7
ACK	KNOWLEDGEMENTS	7
REF	FERENCES	7
APP	PENDICES	8
App	endix 1	8
	pendix 2	9

#### **List of Figures**

(located at end of report)

- Figure 1 Site location (in red)
- Figure 2 Cable trench route
- Figure 3 Detail of cable trench in field C
- Figure 4 Recorded feature in section

#### **List of Plates**

(located at end of report)

- Plate 1 Cable trench to the west of the transmitter tower, looking east
- Plate 2 Contexts (1001)-(1003) in trench to west of transmitter tower (1m scale)
- Plate 3 Trench running along the northern edge of field A, looking north-east
- Plate 4 Contexts (1001)-(1003) in trench along northern edge of field A (1m scale)
- Plate 5 Trench crossing road between fields A and B, looking north-east
- Plate 6 Trench running along the southern edge of field B, looking north-east
- Plate 7 Contexts (1001)-(1003) in trench running along southern edge of field B (1m scale)
- Plate 8 Trench being excavated in the north side of the road running down into Thixendale, looking east
- Plate 9 The eastern end of the trench in field C, looking south-east
- Plate 10 Contexts (1001)-(1003) in the eastern end of the trench in field C (1m scale)
- Plate 11 Excavation of the trench continuing to the west in field C, looking north-west
- Plate 12 The trench crossing the earth bank, looking south-west. The 1m scale marks the position of the associated ditch [1004]
- Plate 13 The backfilled ditch [1004] (1m scale)
- Plate 14 The field C trench running along the north side of the field, looking north-east
- Plate 15 Trench on the south side of the road running down into Thixendale, looking west
- Plate 16 Chalk beneath road in trench immediately to the west of the junction with the trench excavated in field C

#### 1 **SUMMARY**

A programme of archaeological observation, investigation and recording was undertaken by Humber Field Archaeology (HFA) in November and December 2019 at Thixendale, North Yorkshire during the excavation of a trench for an 11KV electricity cable.

No archaeological features were observed along the route of the trench save in a field containing earthworks immediately to the south of the village, where a small backfilled ditch was recorded to the east of a low earth bank. This bank and its associated ditch were most probably part of a medieval property boundary.

#### 2 INTRODUCTION

#### 2.1 Circumstances of the fieldwork

The report presents the results of a programme of archaeological observation, investigation and recording undertaken between the 4th November and the 9th December 2019 during the excavation of trenches to accommodate 11KV cables at Thixendale, North Yorkshire (Figure 1).

As the work clearly involved potential damage to any underlying archaeological resource, Northern Powergrid (Yorkshire) Plc consulted the North Yorkshire County Council Historic Environment Record (NYCCHER) over their proposal to refurbish the lines in this area. The NYCCHER recommended that a programme of archaeological monitoring be maintained during the work to enable the proper recording of any archaeological features, deposits or artefacts that might be disturbed during all works associated with the under-grounding of cables.

#### 2.2 Archaeological background

Thixendale is located in a small dry valley on the Yorkshire Wolds, the route of the cable trench lying partially within an area characterised as enclosed land and pasture (HNY21798) in the Historic Landscape Character: North Yorkshire, York and the Lower Tees Valley (Toase 2010).

The cable trench runs through an area containing the remains of the early medieval settlement with earthworks representing plot boundaries (MNY6214) on the south side of the current village.

The Church, St Mary's, a Grade II\* listed building (MNY6216, NHLE1316014) was built in 1868-70 with the vestry added in 1875. There was also the possibility of human remains, either purposefully buried outside the churchyard or as a result of contraction of its boundary.

In the wider area there is ample evidence for Bronze Age through to Roman settlement and burial activity. Key features of the area include linear dykes, round and square barrows and ladder settlements, though none are known in the immediate vicinity of the works.

#### 2.3 Methodology

The work associated with this project was carried out by staff from HFA, in accordance with the specification for a written scheme of investigation for archaeological observation, investigation and recording produced by HFA, dated 12th September 2019.

The work was also carried out with reference to the Chartered Institute for Archaeologists 2014 (a) Standard and Guidance for archaeological field evaluation and (b) Standard and Guidance for archaeological excavation.

The scheme of works comprised the monitoring of the excavation of the cable trenches. Eighteen visits were made to the site between the 4th November and the 9th December 2019.

Any exposed areas of subsoil and lower stratigraphic units were examined for archaeological deposits. The excavated dimensions of the trenches were recorded, as were the depth

sequences of any exposed stratigraphy. Where archaeological deposits/features were identified, context numbers were assigned and detailed descriptions were made, plans and sections were drawn and a photographic record was maintained.

#### 2.4 Results

Taken together, the cable trenches had a length of a little over 1km (Figure 2), being generally around 1m deep and 0.40m wide. Save for where the trenches were excavated in the road and generally not monitored, the excavation were confined to three fields (*ibid*).

#### Field A

The trench in field A ran for around 300m from the transmitter tower, then along the northern edge of the field before crossing the road (*ibid*, Plates 1, 3 and 5). No archaeological features were observed within the trench. The part of the trench to the west of the transmitter tower was around 0.90m deep, there being in the base of the trench a layer at least 0.40m thick of a chalk brash within a yellow-brown clayey silt matrix (1003) (Plate 2). Above this there was a 0.30m thick layer of dark red-brown sandy silt clay containing occasional chalk fragments (1002), and a 0.20m thick layer of very dark grey-brown topsoil (1001).

The part of the trench running along the northern edge of field A was around 1m deep, there being a layer at least 0.50m thick of (1003) in its base (Plate 4). Above this there was a 0.20m thick layer of (1002) and a 0.30m thick layer of (1001).

#### Field B

The trench in field B ran for a little over 200m (*ibid*, Plate 6). No archaeological features were observed within the trench. The trench was generally 1m deep, there being a layer of (1003) at least 0.70m thick in the base of the trench (Plate 7). The layer (1002) clearly observed in field A was virtually absent here, though the upper part of the clayey silt matrix of the 1002 was nearer to red-brown in colour. The 1003 was topped by a 0.30m thick layer of (1001).

#### The trench within the road

This was outside the remit of the recording programme though it is noted here that it was excavated in the northern edge of the road for around 150m, before crossing over and continuing in the southern edge for another 170m (*ibid*, Plates 8, and 15). It is worthy of note that chalk bedrock predominated in the final 20m or so of the road trench prior to its carrying on in field C (Plate 16).

#### Field C

The trench in field C ran for around 150m (Figure 3, Plates 9, 11, 12 and 14). The trench was generally 1m deep, there being a layer of (1003) at least 0.60m thick in the base of the trench (Plate 10). Above this there was a 0.20m thick layer of (1002) and a 0.20m thick layer of (1001).

The central part of the trench cut through a low earth bank around 2m wide and up to 0.50m high that ran on a roughly north-east to south-west orientation from the north-east boundary

of the field (Figure 3, Plate 12). Immediately to the east of where the trench cut the bank a ditch cut could be seen in the 1003. The cut [1004] was up to 0.60m wide, 0.55m high and of unknown length, with concave sides merging imperceptibly into a concave base (Plate 13). The fill of 1004 consisted of a very dark grey-brown clayey silt containing occasional chalk fragments (1005).

#### 3 DISCUSSION

The following is solely the opinion of HFA, and may not reflect that of the North Yorkshire County Council Historic Environment Record (NYCCHER), archaeological advisor to the Local Planning Authority.

The ditch 1004 was very likely of medieval date, forming part of the property division indicated by the presence of the earth bank immediately to its west.

#### **ACKNOWLEDGEMENTS**

Thanks are accorded to O'Connor Utilities for their help and co-operation during the course of this project.

The site recording was undertaken by Stephen Kennedy and David Rawson with the report being produced by David Rawson and edited by David Atkinson. Administrative support was provided by Georgina Richardson.

#### REFERENCES

Atkinson, D. 2019

Thixendale, North Yorkshire: 11KV Undergrounding Written scheme of investigation for archaeological observation, investigation and recording

Chartered Institute for Archaeologists 2014a

Standard and Guidance for an archaeological watching brief, December 2014

Chartered Institute for Archaeologists 2014b

Standard and Guidance for the creation, compilation, transfer and deposition of archaeological archives December 2014

Toase, S. 2010

The North Yorkshire & Lower Tees Valley Historic Landscape Characterisation North Yorkshire County Council & English Heritage

#### **APPENDICES**

#### Appendix 1

Context list

- (1001) Very dark grey-brown topsoil, up to 0.30m thick
- (1002) Dark red-brown sandy silt clay containing occasional chalk fragments, up to 0.30m
- (1003) Chalk brash within a yellow-brown clayey silt matrix, at least 0.60m thick
- [1004] Ditch cut above 1003. Up to 0.60m wide, 0.55m high and of unknown length, with concave sides merging imperceptibly into a concave base
- (1005) Fill of 1004. Very dark grey-brown clayey silt containing occasional chalk fragments

#### Appendix 2

Archive

**Project Details:** A programme of archaeological observation, investigation and recording during 11KV undergrounding at Thixendale, North Yorkshire

**Site Code:** WB2019.018

**National Grid Reference:** SE 8419 6103 – SE 8409 6109

**Author:** D. P. Rawson **Date of fieldwork:** 04.11.19 – 09.12.19

Report Number: Humber Field Archaeology Report Number 2123

#### **Quantity:**

There were no finds

4x A4 plastic sleeves contain the paper archive which is stored in a document wallet The digital archive is stored on Hull City Council servers

#### **Summary of work:**

A programme of archaeological observation, investigation and recording was undertaken by Humber Field Archaeology (HFA) in November and December 2019 at Thixendale, North Yorkshire during the excavation of a trench for an 11KV electricity cable.

No archaeological features were observed along the route of the trench save in a field containing earthworks immediately to the south of the village, where a small backfilled ditch was recorded to the east of a low earth bank. This bank and its associated ditch were most probably part of a medieval property boundary.

1 – 6 Documentary Archive Record				
Archive component	Hard Copy	Digital Copy	Notes	
1.1 Site Summary/ Abstract	⊠	⊠		
<b>1.2</b> Archive Index	⊠	⊠		
<b>1.3</b> Guide to Elements of the				
Archaeological Archive				
2. Project Planning				
	1			
<b>2.1</b> Planning Documentation	⊠	⊠		
<b>2.2</b> Written Scheme of Investigation/	⊠	⊠		
Project Design/ Project Specification				
<b>2.3</b> Risk Assessment				
<b>2.4</b> Correspondence (date order)	⊠			
<b>2.5</b> Miscellaneous documentation (flow				
charts, bills, receipts, administration,				
staffing etc.)				
3. Initial Survey and Documentary Research				
	,			
<b>3.1</b> HER Information				
<b>3.2</b> Historic Maps				
<b>3.3</b> Documentary Research				
<b>3.4</b> Desk-Based Assessment				
3.5 Geophysical Survey Report				

			I
<b>3.6</b> Aerial Photographs			
<b>3.7</b> Other Survey material			
		П	
4 Site Fieldwork Data			
4 Site Fichtwork Data			
<b>4.1</b> Site notes and diaries	×	$\boxtimes$	
4.2 Context Index and Context Sheets			<u> </u>
4.3 Level Books			
<b>4.4</b> Plan Index and Plans			
<b>4.5</b> Section Index and Section Drawings			
<b>4.6</b> Survey and Sketch			
5 Photographic Record:			
J -			
<b>5.1</b> Photographic Site Record Sheets			
<b>5.2</b> Photographic Concordance Table	×	$\boxtimes$	
(database printout)			
<b>5.3</b> Contact Sheets			
<b>5.4</b> Negatives			
<b>5.5</b> Colour Transparencies (slides)			
5.6 Prints			
<b>5.7</b> Digital Images (computer printout)			
5.7 Digital images (computer printout)		⊠	
6 Post-excavation Fieldwork Data:			
(1 Metaless and Dheeling Lefe mostler			T
6.1 Matrices and Phasing Information			
<b>6.2</b> AutoCAD Site Drawings			
<b>6.3</b> Site Structural Report Draft			
7 Digital Archive			
7.1 Digital Archive Storage Statement			
<b>7.2</b> Contents of digital archive			
7.3 CD / DVDs			
7.4 Other Discs			
7.5 Metadata for Digital Record (data			
about data, eg what the codes mean)			
about data, og what the codes mean)			
8 Material Archive Record			
8.1 Post-excavation Finds Progress			
Checklist Sheet			
8.2 Recorded Finds Index and Sheets			<u> </u>
8.3 Context Finds Sheets			
8.4 Bulk Finds Sheets			
<b>8.5</b> Recorded Finds Assessment Draft			
<b>8.6</b> Recorded Finds Database Copy			
<b>8.7</b> Recorded Finds Illustrations			
8.8 Bulk Finds Assessment Draft			
<b>8.9</b> Bulk finds Illustrations			

<b>8.10</b> Pottery Database Copy			
8.11 Spot Dating Record			
8.12 Pottery Assessment Report Draft			
8.13 Pottery Illustrations			
<b>8.14</b> Ceramic Building Materials			
Assessment Draft			
<b>8.15</b> Industrial Residues Assessment Draft			
<b>8.16</b> Scientific Analysis and Dating			
Reports	_		
<b>8.17</b> Finds Digital Photographs Index			
<b>8.18</b> Finds Digital Images (computer			
printout)			
8.19 Box Index			
<b>8.20</b> Material Archive Rationalisation			
Sheet			
<b>8.21</b> Finds Archive Contents Sheet			
9 Conservation Record			
9.1 Conservation Assessment Report			
<b>9.2</b> X-rays			
<b>9.3</b> Conservation Record Sheets for			
Individual Objects			
<b>9.4</b> Further conservation Report			
10 Biological Material Record			
10.1 Sample Index and Sample Sheets			
10.2 Biological Material Data			
10.3 Biological Material Assessment			
Report Draft			
<b>10.4</b> Animal Bone Assessment (if a			
separate report)			
10.5 Shell Assessment (if a separate			
report)			
10.6 Human Bone Data			
10.7 Human Bone Assessment			
11-13 Dissemination	T		
11. Publicity: Press releases, paper			
cuttings, recordings of interviews both on			
the radio and T.V.			
<b>12.</b> Final Assessment Report: The complete Assessment Report. Including			
illustrations and plates, as sent to the client			
and Historic Environment Record			
13. Additional Reports: Interim	×		HFA Report 2123
Statements, watching brief report copy,			
papers and articles written for journals or			
other publications.			
14 Watching Brief Archive			
<b>14.</b> Watching Brief Archive	⊠	$\boxtimes$	

<b>Publication Archive</b>				
	I	Did this site proceed to publication after assessment?		

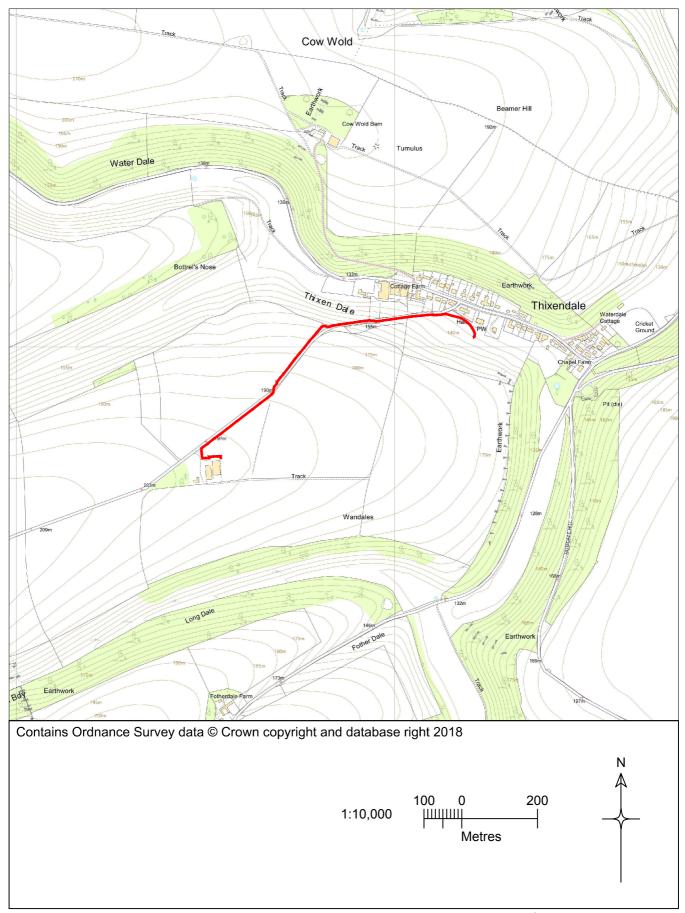


Figure 1 Site location (in red)

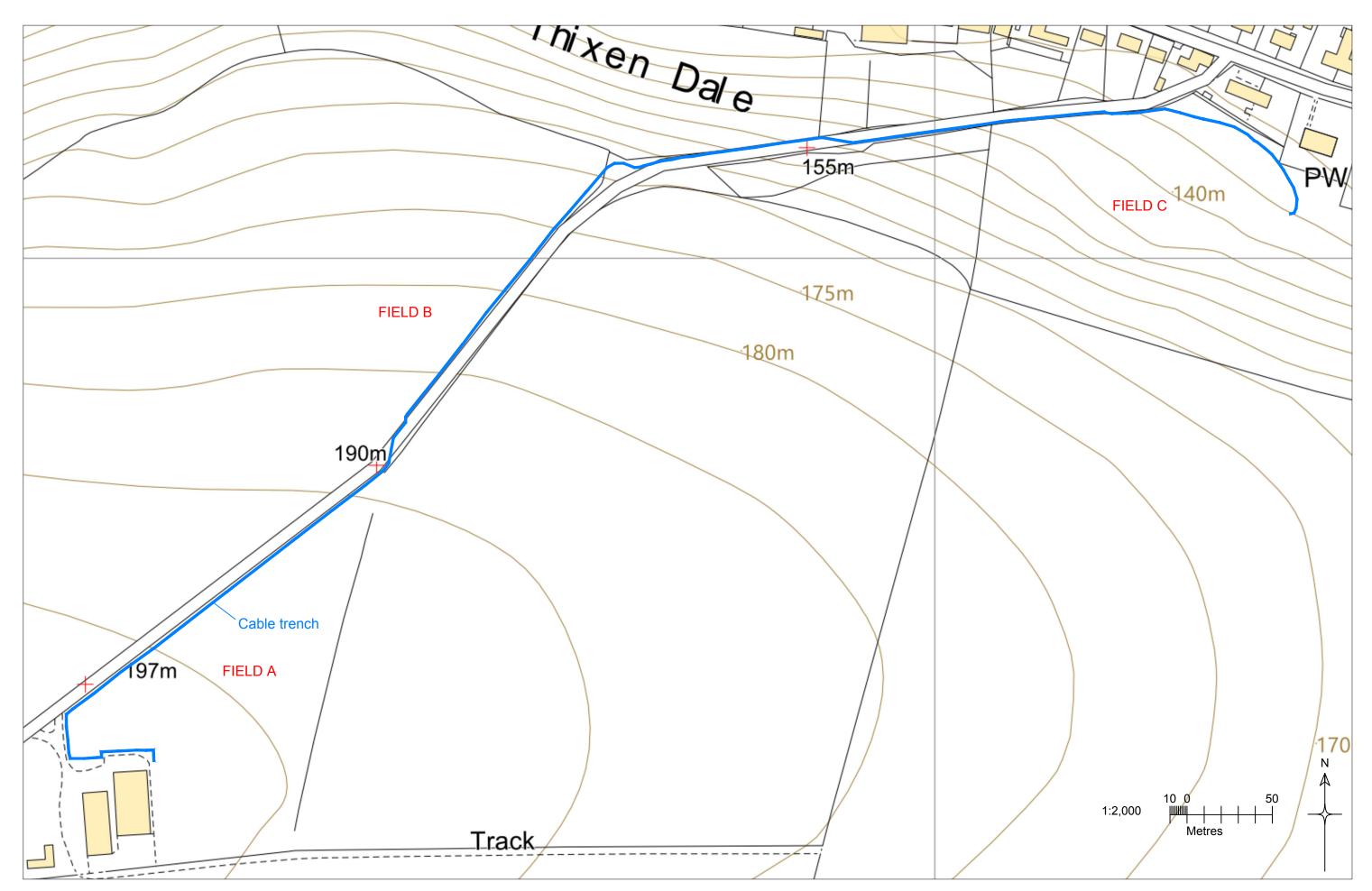


Figure 2 Cable trench route

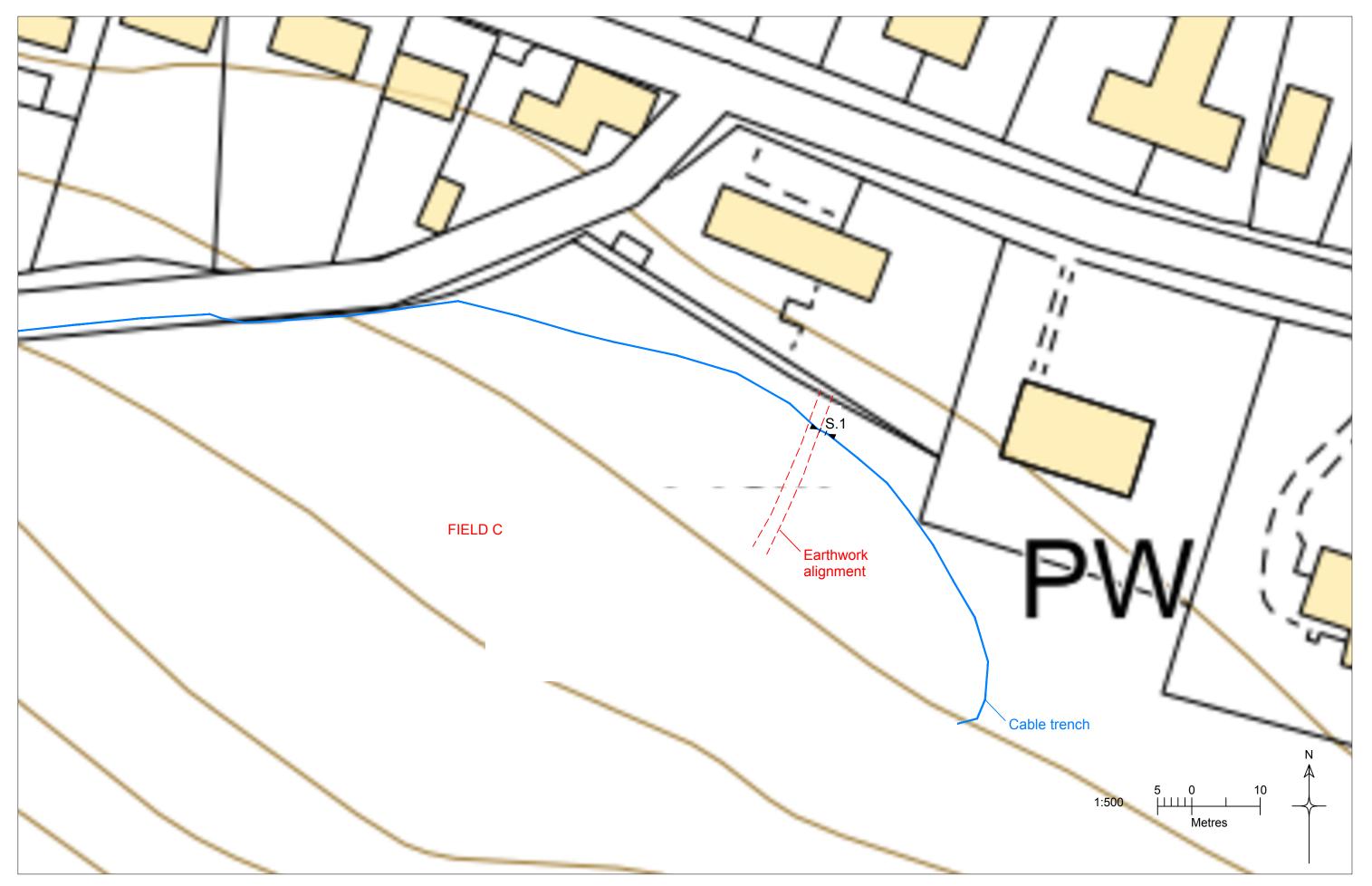


Figure 3 Detail of cable trench in field C

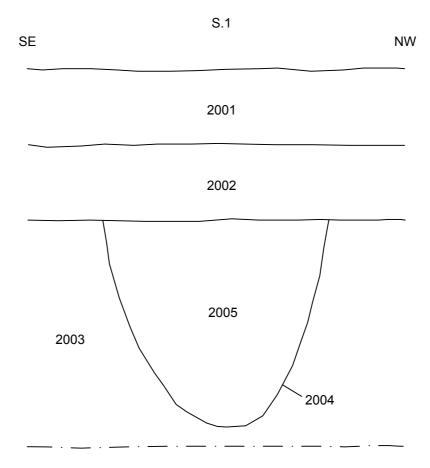




Figure 4 Recorded feature in section



Plate 1 Cable trench to the west of the transmitter tower, looking east



Plate 2 Contexts (1001)-(1003) in trench to west of transmitter tower (1m scale)



Plate 3 Trench running along the northern edge of field A, looking north-east





Plate 5 Trench crossing road between fields A and B, looking north-east



Plate 6 Trench running along the southern edge of field B, looking north-east



Plate 7 Contexts (1001)-(1003) in trench running along southern edge of field B (1m scale)



Plate 8 Trench being excavated in the north side of the road running down into Thixendale, looking east



Plate 9 The eastern end of the trench in field C, looking south-east



Plate 10 Contexts (1001)-(1003) in the eastern end of the trench in field C (1m scale)



Plate 11 Excavation of the trench continuing to the west in field C, looking northwest



Plate 12 The trench crossing the earth bank, looking south-west. The 1m scale marks the position of the associated ditch [1004]



Plate 13 The backfilled ditch [1004] (1m scale)



Plate 14 The field C trench running along the north side of the field, looking northeast



Plate 15 Trench on the south side of the road running down into Thixendale, looking west



Plate 16 Chalk beneath road in trench immediately to the west of the junction with the trench excavated in field C



### **Humber Field Archaeology**

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Project Management • Desk-based Assessment • Field Survey • Fieldwork • Finds Research • Post-excavation Analysis • Inter-tidal Work

Humber Field Archaeology is an independently-funded part of the Humber Archaeology Partnership, a partnership serving The East Riding of Yorkshire Council and Kingston upon Hull City Council

## **OASIS DATA COLLECTION FORM: England**

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#### **Printable version**

#### OASIS ID: humberfi2-396128

#### **Project details**

Project name Thixendale

Short description of the project

A programme of archaeological observation, investigation and recording was undertaken in November and December 2019 at Thixendale, North Yorkshire during the excavation of a trench for an 11KV electricity cable. No archaeological features were observed along the route of the trench save in a field containing earthworks immediately to the south of the village, where a small backfilled ditch was recorded to the east of a low earth bank. This bank and its associated ditch were most probably part of a medieval property

boundary.

Project dates Start: 04-11-2019 End: 09-12-2019

Previous/future

work

Not known / Not known

Any associated

project reference codes

WB2019.011 - Sitecode

Type of project Recording project

Site status None

Current Land use Cultivated Land 3 - Operations to a depth more than 0.25m

**EARTHWORK Medieval** Monument type

Significant Finds **NONE None** Investigation type "Watching Brief"

Prompt Electricity Act 1989 Section 36

#### **Project location**

Country England

Site location NORTH YORKSHIRE RYEDALE THIXENDALE Thixendale

Postcode YO17 9TG Study area 1 Kilometres

Site coordinates SE 8419 6103 54.038177613855 -0.714293681529 54 02 17 N 000 42 51 W Point Site coordinates SE 8409 6109 54.038733128328 -0.715803785485 54 02 19 N 000 42 56 W Point

#### **Project creators**

Name of Humber Field Archaeology

Organisation

Project brief Contractor (design and execute)

originator

Project design Humber Field Archaeology originator

Project

David Atkinson

director/manager

Project supervisor D. Rawson

Type of sponsor/funding Electricity Authority/Company

body

#### **Project archives**

Physical Archive

Exists?

No

Digital Archive recipient

Humber Field Archaeology

Digital Archive ID

WB2019.011

**Digital Contents** 

"none"

Digital Media available

"Database", "Images raster / digital photography", "Images vector", "Survey", "Text"

Digital Archive

notes

The archive is stored on Hull City Council servers

Paper Archive

recipient

**Humber Field Archaeology** 

WB2019.011 Paper Archive ID

**Paper Contents** "none"

Paper Media available

"Correspondence", "Drawing", "Map", "Miscellaneous Material", "Plan", "Report", "Unpublished Text"

#### **Project** bibliography 1

Grey literature (unpublished document/manuscript)

Publication type

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Thixendale, North Yorkshire

Author(s)/Editor(s) D. P. Rawson

Other

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bibliographic details

Date Issuer or

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Place of issue or publication

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David Atkinson (dave.atkinson@hullcc.gov.uk)

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