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Historic Building Recording

Site & Landscape Survey

Geophysical Survey

**Kirkpark Access Road, Inveresk,
East Lothian**

Archaeological Evaluation

Report No. 1758

CFA ARCHAEOLOGY LTD

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This document has been prepared in accordance with CFA Archaeology Ltd standard operating procedures.

**Kirkpark Access Road, Inveresk,
East Lothian**

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Fig. 6 NE facing section of Trench 4

1. INTRODUCTION

1.1 General

- 1.1.1 This report presents the results of an archaeological evaluation undertaken by CFA Archaeology Ltd (CFA) from the 3rd to the 5th of March 2010 along the consented access road corridor (Planning ref 04/00101/FUL) to the proposed care home development at Kirkpark, Inveresk, East Lothian (NGR centered: NT 34045 72235, Fig. 1). The work was commissioned by Aisling Developments Ltd.
- 1.1.2 The evaluation covered the agreed road corridor to the north of the scheduled area (Fig 1). The rest of the road corridor passes through a scheduled Ancient Monument. SMC has been granted for this development and HS have agreed a scheme of works to be undertaken in advance of development.
- 1.1.3 The access road corridor has been heavily disturbed in places by previous development on the site and in other places deep deposits of demolition material have been dumped. The site is also crossed by an underground medium pressure gas main and an 11 Kv electrical cable. Due to these constraints a programme of targeted trial trenching and test-pitting was agreed with the East Lothian Council Archaeologist. A Written Scheme of Investigation (WSI) for the project was produced by CFA to fulfil the requirements of the East Lothian Council Archaeologist for the work
- 1.1.4 The archaeological potential of Kirkpark has been investigated by a detailed desk-based assessment in 2008 (Neighbour 2008) and previously by AOC (Barber & Gooder, 2001). An evaluation of the Kirkpark development area was conducted in January 2010 (O'Connell 2010). The results of this work are not repeated here. However the line of the access road to the north of the scheduled area was previously occupied by elements of the Wire Rope Works including the wire rope testing range and elements of the Eskmills Net Works including a drying shed.

1.2 Objectives

- 1.2.1 The objectives of the programme of archaeological works were to determine the presence or absence, location, extent, date, character, condition, significance and quality of any surviving archaeological remains liable to be threatened by the proposed development and to propose mitigation measures where necessary.

2. WORKING METHODS

- 2.1 CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Evaluations
- 2.2 The evaluation location was divided in to three areas for ease of discussion during the production of the WSI, these areas will continue to be referred to in this report.. Three test-pits were to be excavated in Area 1 along the line of the road (c. 1.5m by 2m long).

Two trenches were to be excavated in Area 2 to provide an evaluation of no less than 30m². Four trenches were to be excavated in Area 3 to provide an evaluation of no less than 60m².

- 2.3 The trenches and test-pits were excavated by a JCB under direct archaeological supervision to remove topsoil and modern deposits down to natural or the first significant archaeological horizon, whichever was reached first. Any further excavation required to fulfil the objectives of the evaluation were carried out by hand. The trenches and test-pits were backfilled at the end of the evaluation on completion of recording.
- 2.4 All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms.

3. ARCHAEOLOGICAL RESULTS

3.1 General

- 3.1.1 A summary of all the trenches and test-pits excavated can be found in Appendix 1. Numbers in bold and parentheses refer to contexts, a full list of which is contained in Appendix 2.
- 3.1.2 Due to the previously discussed constraints only two trenches could be excavated in Area 3, however, a total area of 86m² was excavated. In Area 2 a total area of 42m² was excavated.
- 3.1.3 No features of archaeological significance were identified within Areas 1, 2 and 3.

3.2 Area 1: Test-pits (Fig. 1)

Test-pit 1

- 3.2.1 Deposits consisted of 0.6m of dark brown loamy topsoil (**001**) overlying natural beach sands and gravels (**013**). These natural deposits were excavated to a depth of 0.8m they overlay mid-grey clay (**014**), again a natural deposit.

Test-pit 2

- 3.2.2 Turf and weeds 0.15m deep lay over 1.85m of very loose brick rubble/demolition material (**015**). Natural was not reached due to the unstable nature of the ground.

Test-pit 3

- 3.2.3 Turf and weeds 0.1m deep lay over 2.3m of similar demolition material to that found in test-pit 2 (**016**). Natural lay below and consisted of a mid-brownish orange grey sandy clay (**017**).

3.3 Area 2 (Fig. 1)

Trench 1 (Fig. 2, 3)

- 3.3.1 Topsoil (001) was 0.6m deep and overlay over a deposit of red-brick rubble (002) and mixed yellow and brown sand (003) that was 0.35m deep (Fig. 3). This overlay a mid-brown homogeneous sandy silt 0.55m deep (010). Two red clay pipe field drains were dug through this deposit. This in turn overlay (011), a dark brown-grey sandy silt 0.3m deep which overlay natural yellow sand with some iron panning visible (012).

Trench 2 (Fig. 4)

- 3.3.2 Topsoil (001) was 0.3m deep and overlay a modern red-brick mortared wall (005) located in the north end of the trench (Fig. 4). The wall was aligned NNE-SSW and was exposed to a length of 3m by 0.7m wide and 0.65m deep. The western side of the wall was abutted by a hardcore surface.
- 3.3.3 Abutting the wall (005) on its eastern side was a deposit of made-ground of mid brownish grey silt with brick rubble inclusions (006). This was 0.4m deep and overlay (007), a red-brick rubble with yellow sand, ash and mortar, similar to (003) and (002) in Trench 1. This deposit was 0.3m deep and overlay (008), a mid brown silty sand that was 0.4m deep. Underlying this was (009), a dark grey gravelly silt similar to (011). This was 0.3m deep and overlay natural yellow sand (004).

3.4 Area 3 (Fig. 1)

- 3.4.1 The positioning of trenches in this area was constrained by the presence of a gas pipe and underground electricity cable, as well as concrete base of a demolished building (Fig.1)

Trench 3

- 3.4.2 Topsoil (001) consisted of dark brownish black silty sand. This was 0.5m deep at the south-eastern end of the trench and 0.3m deep at the north-western end. This overlay (018), a mid pinkish orange and orange grey clay sand. This was 0.15m deep at the south-eastern end of the trench, and 0.3m deep at the north-western end. A red clay pipe field drain aligned NE-SW was cut through this deposit. Below this was natural, a mix of banded orange and grey clays and pink and grey clay sands of probable alluvial origin (019). A sondage 7m long by 2.3 deep was excavated at the south-eastern end of the trench to confirm this material was natural.

Trench 4 (Figs. 5 & 6)

- 3.4.2 A recent dump of mixed redeposited natural and topsoil (022) overlay the topsoil at the south-eastern end of the trench to a depth of 0.3m. Topsoil (001) was 0.25m deep at the south-eastern end of the trench and 0.45m deep at the north-west end of the trench. This overlay a mid brownish grey clay sand (023) which was 0.15m deep at the south-eastern

end of the trench and 0.05m deep at the north-west end of the trench. This overlay a mid pinkish orange and orange grey clay sand (024). This was 0.45m deep at the south-eastern end of the trench and 0.2m deep at the north-western end and overlay natural (027).

4. CONCLUSIONS

- 4.1 An archaeological evaluation by trial trenching and test-pitting was carried out along the corridor of an access road to a proposed development at Kirkpark, Inveresk, East Lothian. No features of archaeological significance were identified during the evaluation.
- 4.2 Desk-based assessment has shown that the line of the access road to the north of the scheduled area was previously occupied by elements of the Wire Rope Works including the wire rope testing range and elements of the Eskmills Net Works including a drying shed.
- 4.3 Test-pit excavation in Area 1 along the line of the road, demonstrated that modern made ground deposits of brick rubble demolition material existed here. Depths of up to 2.3m were encountered. It is understood from discussions with the director of Bruntons (the adjacent landowner) that this rubble derived from the demolition of the drying shed that once stood on this area. This rubble will be removed to allow the construction of the road, however, it is likely that much of the area below the rubble will have been truncated as in Test-Pit 3 the rubble went straight down on to natural with no intervening deposits.
- 4.4 Trial trenching in Area 2 revealed the remains of a brick wall (005) close to the surface and demolition layers c. 0.6m below the current site surface. Natural was c 1.8m below the current site surface. The walls and demolition deposits probably relate to the remains of the Eskmills Net Works that occupied this area. Trial trenching in Area 3 revealed only natural deposits.
- 4.5 Based on the results of this evaluation CFA make no recommendations for further work, however the final decision regarding this lies solely with the East Lothian Council Archaeologist.
- 4.6 The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the National Monuments Record of Scotland (NMRS) and copies of reports will be lodged with the East Lothian Council Sites and Monuments Record. A Discovery and Excavation in Scotland entry and OASIS Scotland Entry will be completed.

5. REFERENCES

Barber, J & Gooder, J (2001) *Kirk Park, Inveresk Scheduled Monument Consent Application – Desk Based Assessment*.

Neighbour, T 2008 *Kirk Park, Inveresk: Cultural Heritage Assessment*. CFA Unpublished Report No. 1448.

O' Connell, C 2010 *Kirkpark, Inveresk, East Lothian. Archaeological Evaluation*. CFA Unpublished Report No. 1745

APPENDIX 1: Trench Summary Table

Trench No.	Area/Field	Dimensions (m)	Total Area (m ²)	Trench Depth	Tospoil Depth (m)	Comments
1	2	10 x 2	20	1.8	0.6	Contexts (001)-(003), (010)-(012). No archaeology
2	2	11 x 2	22	1.75	0.3	Contexts (001), (004), (006)-(009). Modern wall (005) at southern end. No archaeology
3	3	20 x 2	40	2.3-0.7	0.5-0.3	Contexts (001), (018)- (019). Field drain aligned NE-SW (020)- (021). Sondage excavated at SE end.
4	3	20 x 2 + 2 x 3	46	1.3-0.7	0.45-0.25	Contexts (001), (022)-(024), (027). Field drain aligned NE-SW (025)- (026). Boxed out at NW end. No archaeology.
TP1	1	2 x 2	4	1.4	0.6	Contexts (001). No archaeology.
TP2	1	2.5 x 2.5	6.25	2	0.15	Contexts (015). Benched slightly at top. No archaeology.
TP3	1	3.5 x 3.5	12.25	2.4	0.1	Contexts (016) Benched out at top. No archaeology

APPENDIX 2: Context Register

Context No.	Trench	Context type	Description
001	All	Topsoil	Dark brown black loamy silty sand with occasional small rounded pebble inclusions and coal/charcoal flecks.
002	1	Deposit	Mid yellow and brown loose sand, demolition material
003	1	Deposit	Red brick rubble, demolition material
004	2	Natural	Mid yellow medium grained beach sand
005	2	Modern wall	Mortared red brick wall containing bricks 0.25m x 0.11m x 0.1m. Aligned NNE-

Context No.	Trench	Context type	Description
			SSW.
006	2	Deposit	Mixed brownish grey clay sand with brick rubble, tile and coal inclusions. Abuts wall (005), made ground
007	2	Deposit	Red brick rubble, brownish sand , mortar and ash. Abuts wall (005), demolition material.
008	2	Deposit	Mid brown silt sand with coal and charcoal flecks, homogeneous. Probable colluvial layer.
009	2	Layer	Dark grey black gravelly silty sand. Probable old topsoil horizon.
010	1	Deposit	Mid brown silt sand with coal and charcoal flecks, homogeneous. Probable colluvial layer
011	1	Layer	Dark grey black gravelly silty sand. Probable old topsoil horizon.
012	1	Natural	Mid yellow medium grained beach sand
013	TP 1	Deposit: Beach sands and gravels (natural)	Layers of marine deposited sands and gravels, mid yellow orange.
014	TP 1	Natural	Mid grey clay
015	TP 2	Deposit	Brick rubble infill, made ground
016	TP 3	Deposit	Brick rubble infill, made ground
017	TP 3	Natural	Mid orange and gray sandy clay
018	3	Deposit	Mid pinkish orange and grey clay sand. Heavily bioturbated. Probable colluvial layer
019	3	Natural	Layers of alluvial deposits of sandy clays and clays. Mid-orange grey and pinkish grey. Very mixed and merging.
020	3	Cut of red clay pipe field drain	
021	3	Fill of [020]	
022	4	Deposit	Redeposited natural mixed with topsoil and roots. Continues for 5m along the trench from the SE end. Recent dump of made ground.
023	4	Deposit/layer	Mid brownish grey clay sand with occasional charcoal flecks.
024	4	Deposit	Mid pinkish orange and grey clay sand. Heavily bioturbated. Probable colluvial layer
025	4	Cut of red clay pipe field drain	
026	4	Fill of [025]	
027	4	Natural	Layers of alluvial deposits of sandy clays and clays. Mid-orange grey and pinkish grey. Very mixed and merging.

APPENDIX 3: Photographic Register

Colour Slide Film 1

Shot	Contexts/Description	Taken from	Conditions
1	Registration shot		
2-3	General site shots of Area 1	NE/SW	Bright
4-5	Shot of Trench 1 showing rubble (002)/(003) layer	NNE	Bright
6-7	Wall (005) in Trench 2	NNE	Bright
8-9	SSE facing section of wall (005)	SSE	Bright
10-11	Post-ex shot of Trench 1	NNE	Bright
12-13	NNW facing section of Trench 1	NNW	Bright
14-15	NW facing section of Test pit 1	NW	Bright
16-17	Post-ex shot of Test pit 1	NW	Bright
18-20	Post-ex shot of Test pit 2	E	O/C

Colour Slide Film 2

Shot	Contexts/Description	Taken from	Conditions
1	Registration shot		
2-3	N facing section of Test pit 3	N	O/C
4-11	SW facing section of Trench 3 sondage, SE-NW	SW	Sunny
12-19	NE facing section of Trench 3 sondage, SE-NW	NE	Sunny
20-21	Post-ex of sondage	NW	Sunny
22-23	Oblique shots of sondage at N end	N	Sunny
24-25	As above, SW facing section	NNW	Sunny
26-27	Close-up shot, E facing section of sondage, NW end	NE	Sunny
28-29	NE facing section of Trench 3	NE	Sunny
30-31	Post-ex shot of remainder of Trench 3	SW	Sunny
32-36	NE facing section of SE end of Tr.4, SE-NW	NE	Sunny

Colour Slide Film 3

Shot	Contexts/Description	Taken from	Conditions
1	Registration shot		
2-3	NE facing section of Tr.4 SE end, SE-NW	NE	Bright
4-7	SW facing section of Tr.4 SE end, SE-NW	SW	Bright
8-9	Post-ex shot of Tr.4	SE	Cloudy
10-11	Post-ex shot of Tr.4	SE	Cloudy

Digital

Shot	Contexts/Description	Taken from	Conditions
1-4	General site shots of Area 1	NE/SW	Bright
5	Shot of Trench 1 showing rubble (002)/(003) layer	NNE	Bright
6	Shot of Trench 1 showing (002) and (003)	NNE	Bright
7	Wall (005) in Trench 2	NNE	Bright
8	Close-up of frogmarked brick "Whitehall" within (005)	NNE	Bright
9	SSE facing section of wall (005)	SSE	Bright
10	Post-ex shot of Trench 1	NNE	Bright
11	NNW facing section of Trench 1	NNW	Bright
12-13	NW facing section of Test pit 1	NW	Bright
14-15	Post-ex shot of Test pit 1	NW	Bright
16-17	Post-ex shot of Test pit 2	E	O/C

Shot	Contexts/Description	Taken from	Conditions
18-19	N facing section of Test pit 3	N	O/C
20-27	SW facing section of Trench 3 sondage, SE-NW	SW	Sunny
28-35	NE facing section of Trench 3 sondage, SE-NW	NE	Sunny
36-37	Post-ex of sondage	NW	Sunny
38-39	Oblique shots of sondage at N end	N	Sunny
40-41	As above, SW facing section	NNW	Sunny
42-43	Close-up shot, E facing section of sondage, NW end	NE	Sunny
44-45	NE facing section of Trench 3	NE	Sunny
46-47	Post-ex shot of remainder of Trench 3	SW	Sunny
48-51	NE facing section of SE end of Tr.4, SE-NW	NE	Sunny
52-53	SW facing section of Tr.4 SE end, SE-NW	SW	Bright
54	Post-ex shot of Tr.4	SE	Cloudy
55	Post-ex shot of Tr.4	SE	Cloudy
56-57	General site shots Area 2	SE	Cloudy
58-59	General shots Area 1	E	Cloudy
60-61	General shots Area 3	SE	Cloudy

APPENDIX 4: Drawing Register





Dwg No.	Sheet No.	Contexts/Description	Plan/section	Scale
1	DB	SW facing schematic section of Tr. 2 (2m of section)	S	1:20
2	DB	NE facing schematic section if wall (005) in Tr.1	P	1:20
3	DB	Plan of wall (005) in Tr. 1	p	1:20
4	DB	Schematic section of Tr.1 (2m of section)	S	1:20
5	DB	SW facing section of TP 1	S	1:20
6	DB	Pos-ex plan of Tr.3	p	1:50
7	DB	SW facing section of Tr. 3 sondage	s	1:50
8	1	NE facing section of SE end of Tr.4	S	1:20
9	1	SW facing section of SE end of Tr. 4	S	1:20
10	DB	Plan of Tr.4	P	1:50

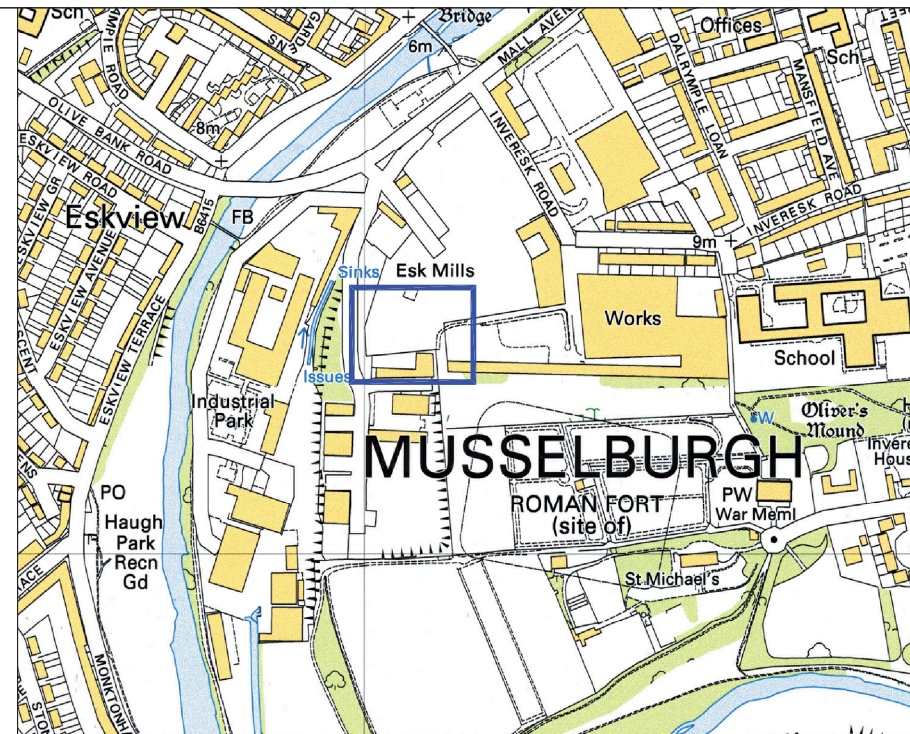
APPENDIX 5: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME:	Kirkpark Access Road, Inveresk, East Lothian
PROJECT CODE:	KIPA
PARISH:	Inveresk
NAME OF CONTRIBUTOR:	Helena Gray
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	NT37SW 8.00
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 Figures)	NT centered 34045 72235
START DATE (this season)	March 2010
END DATE (this season)	March 2010
PREVIOUS WORK (incl. <i>DES</i> ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological evaluation by trial trenching and test-pitting was undertaken by CFA along the agreed corridor of an access road to a proposed development at Kirkpark, Inveresk East Lothian. No remains of archaeological significance were identified within the evaluated area.
PROPOSED FUTURE WORK:	Unknown
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Aisling Developments Ltd
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, East Lothian, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record for Scotland (NMRS)

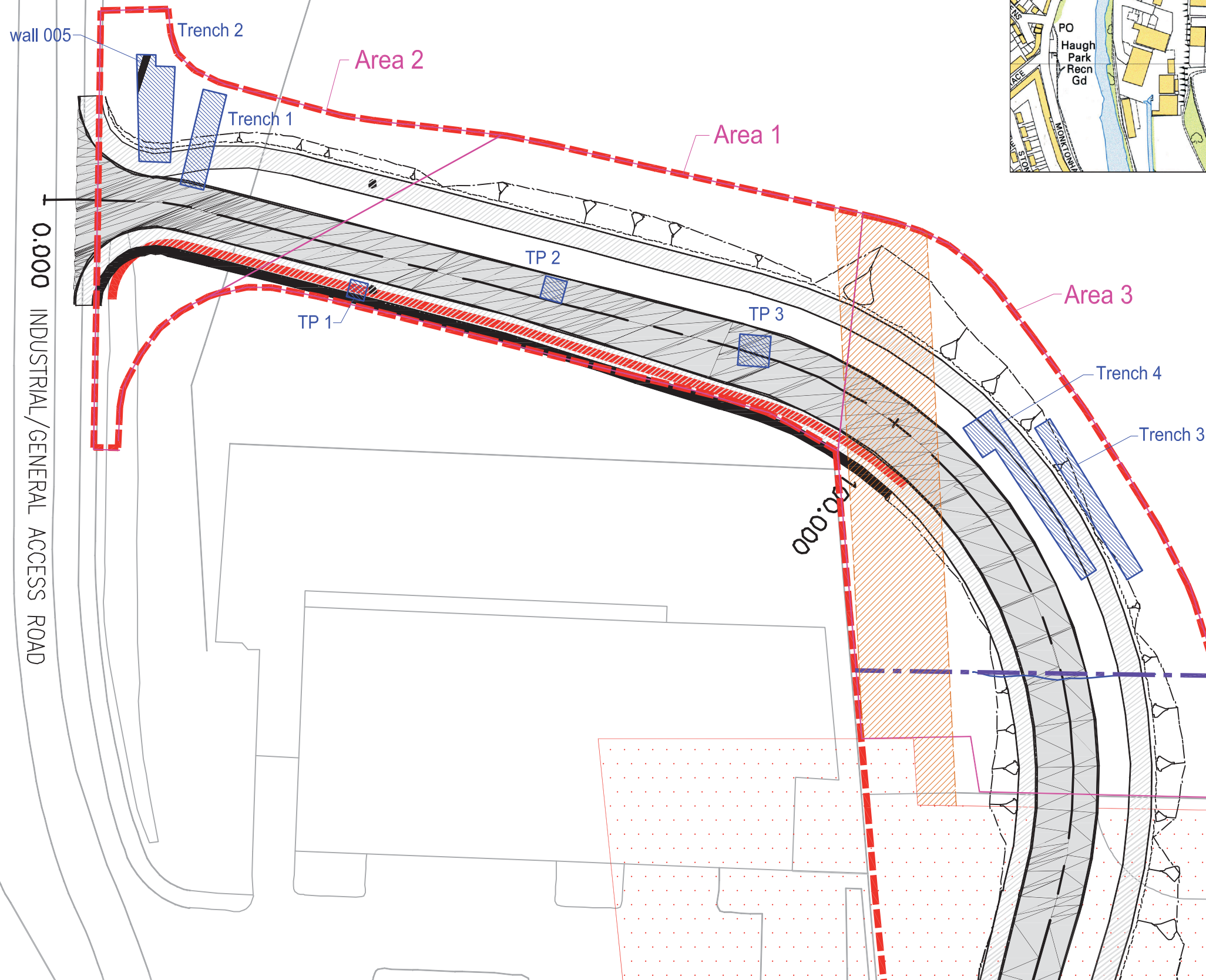


Key:

-  Scheduled Monument
-  Gas Pipe Buffer
-  Electricity Cable
-  Development Area Boundary



Esk Mills



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Fig. No: 1 Revision: C

Title:
Location of trenches and test pits

Project:
Kirkpark Development

Scale:
1:500 @ A3 (main)
location map - nts

Client:
Aisling Developments Limited



Fig. 2 - Post-ex photograph of Trench 1 from NNE



Fig. 3 - Photograph of rubble deposit (003) in Trench 1 from the NNE


Key:	Fig. No:	2-3	Revision:	A	Client:	Aising Developments
	Title:					
	Project:	Kirkpark Access Road, Kirkpark Inveresk				
Scale:						 <p>CFA ARCHAEOLOGY LTD</p> <p>CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park Musselburgh East Lothian, EH21 7PQ</p> <p>t: 0131 273 4380 f: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk</p>
	Drawn by:	GC	Page No:		Report No:	



Fig. 4 - Photograph of wall 005 in Trench 2 from NNE



Fig. 5 - Post-ex photograph of Trench 4 from SE


Key:	Fig. No:	4-5	Revision:	A	Client:	Aisling Developments
	Title:					
	Project:	Kirkpark Access Road, Kirkpark Inveresk				
Scale:						 <p>CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park Musselburgh East Lothian, EH21 7PQ t: 0131 273 4380 f: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk</p>
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Fig. 6 - NE facing section of Trench 4

Key:

Scale:

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Title:					
Project:	Kirkpark Access Road, Kirkpark Inveresk				



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