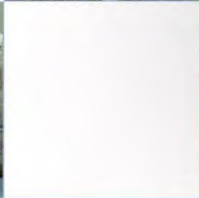
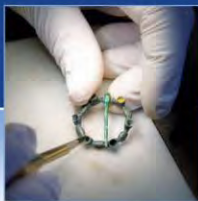


Broomhill Farm, Carnwath: Archaeological Evaluation Data Structure Report

AOC 23954

Planning Ref: CL/15/0110

17th October 2017



AOC
Archaeology
Group



ARCHAEOLOGY

HERITAGE

CONSERVATION

Broomhill Farm, Carnwath: Archaeological Evaluation Data Structure Report

On Behalf of: Mr & Mrs McKeand
Broomhill Farm,
Kaimend
Carnwath
Lanark
ML11 8LF

National Grid Reference (NGR): NT0038 4651

AOC Project No: 23954

Oasis No: aocarcha1-297879

Prepared by: Anne-Aymonne Marot

Illustration by: Sam O'Leary

Date of Fieldwork: 4th October to 5th October 2017

Date of Report: 6th October 2017

This document has been prepared in accordance with AOC standard operating procedures.

Author: Anne-Aymonne Marot

Date: 6th October 2017

Approved by: Ross Murray

Date: 17th October 2017

Draft/Final Report Stage: Draft

Date: 17th October 2017

Enquiries to: AOC Archaeology Group
Edgefield Industrial Estate
Edgefield Road
Loanhead
EH20 9SY

Tel. 0131 440 3593
Fax. 0131 440 3422
e-mail. edinburgh@aocarchaeology.com



Contents

	Page
List of Illustrations	4
List of Plates	4
List of Appendices	4
ABSTRACT	5
1 INTRODUCTION	6
1.1 Background	6
1.2 Site Location	6
2 HISTORICAL BACKGROUND	6
3 OBJECTIVES	7
4 METHODOLOGY	7
5 RESULTS	7
6 CONCLUSION & RECOMMENDATION	9
7 REFERENCES	9
APPENDIX 1: EVALUATION TRENCH DESCRIPTIONS	11
APPENDIX 2: CONTEXT REGISTERS	12
APPENDIX 3: PHOTOGRAPHIC REGISTER	13
APPENDIX 4: DRAWING REGISTER	14
APPENDIX 5: SAMPLE REGISTER	14
APPENDIX 6: 'DISCOVERY AND EXCAVATION IN SCOTLAND' REPORT	15

List of Illustrations

Figure 1: Site location

Figure 2: Location of trenches

Figure 3: Pit [3004] plan and section

Figure 4: Extract from 1st Edition Ordnance Survey map

List of Plates

Plate 1 – General view of Trench 3

Plate 2 – General view of Trench 2

Plate 3 – Post ex shot of [3004] half section

List of Appendices

Appendix 1: Evaluation Trench Descriptions

Appendix 2: Context Register

Appendix 3: Photographic Register

Appendix 4: Drawing Register

Appendix 5: Sample Register

Appendix 6: *'Discovery and Excavation in Scotland'* Report

ABSTRACT

This report presents the results of an archaeological evaluation undertaken by AOC Archaeology Group on behalf Mr and Mrs McKeand ahead of a small residential development at Broomhill Farm, Carnwath, South Lanarkshire.

Six trenches totalling 331.5m² were opened across the development area. A single undated large pit was recorded. No finds were recovered.

1 INTRODUCTION

1.1 Background

- 1.1.1 An archaeological evaluation was required by Ian McKeand ahead of a small residential development at Broomhill Farm, Carnwath. South Lanarkshire Council had requested a program of archaeological works as a planning condition (Planning Ref: CL/15/0110). The need for, and scope of, the archaeological works had been determined by the South Lanarkshire Council who are advised on archaeological matters by the West of Scotland Archaeological Service (hereafter referred to as WoSAS).
- 1.1.2 The program of archaeological works required was in keeping with best practice outlined in current planning policy and guidelines: *Scottish Planning Policy* (2014) & *PAN 2/2011 Planning and Archaeology* (2011).

1.2 Site Location

- 1.2.1 The proposed development area consisted of an undeveloped greenfield site presently pasture lying close to the existing Broomhill Farm, Kaimend, Carnwath. The site is accessed from the northwest from Kerswell Avenue and access will pass through an existing stand of trees which forms the northwest and northeast boundaries of the site. Broomhill Farm itself lies to the southeast and with more farm buildings to the southwest. The site will accommodate four detached house plots with associated access and gardens. The site is centred on NGR: NT 0038 4651. (See Figure 1)

2 HISTORICAL BACKGROUND

- 2.1 The mid-19th century 1st Ordnance Survey map shows the development area to be very similar today as was then with the present tree banks to the northwest and northeast clearly depicted. The development area is shown as arable ground with no structures present. Broomhill Farm is shown to the southeast.
- 2.2 No sites are listed within the development area or the immediate vicinity by either Historic Environment Records or the HES national database.



Figure 4: Extract from 1st Edition Ordnance Survey map

3 OBJECTIVES

- 3.1 The objectives of the archaeological works were to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through evaluation trenching. Another objective was to advise and implement an appropriate form of mitigation, formulated with the approval of WoSAS, such as excavation (Stage 2), post-excavation analyses and publication (Stage 3), given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

4 METHODOLOGY

- 4.1 The details of the archaeological Evaluation, laid out below, are designed to meet the requirements of the South Lanarkshire Council as advised by WoSAS.
- 4.2 The evaluation was achieved through the excavation of linear trenches using a mechanical excavator equipped with a 1.3 m wide ditching bucket. The trenching was originally designed to cover an 8% sample of the c.4000 m² development area (250 linear metres). Excavation was conducted in shallow units/spits until the first significant archaeological horizon or natural drift geology was reached. All machine excavation was supervised by an experienced field archaeologist.
- 4.3 All archaeological features were cleaned and fully defined.
- 4.4 All trial trenching was undertaken according to AOC Archaeology Group's standard operating procedures (Appendix 7, 7.1 to 7.29).

5 RESULTS

- 5.1 All archaeological works were conducted between the 4th and 5th October 2017. Weather conditions varied throughout the course of the work but archaeological visibility was good.
- 5.2 The various data gathered from the evaluation is presented as a series of appendices:
- Appendix 1: Evaluation trench descriptions
 - Appendix 2: Context Register;
 - Appendix 3: Photographic Register;
 - Appendix 4: Drawing Register;
 - Appendix 5: Sample Register;
 - Appendix 6: '*Discovery and Excavation in Scotland*'
- 5.3 The evaluation consisted of six trenches between 30m and 50m in length (Figure 2). The natural subsoil was encountered in all trenches but it varied in character across the evaluated area between a mid-reddish brown silty clay with small to medium pebbles, coal fragments and a light yellowish brown sandy silty.

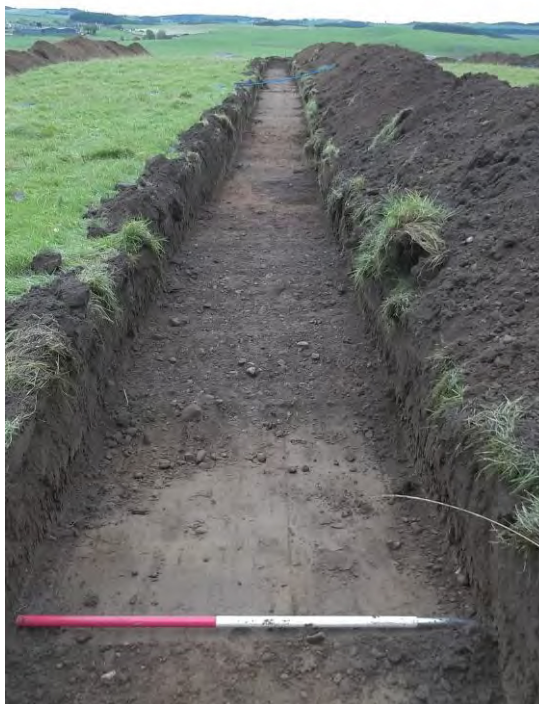


Plate 1 - General view of Trench 3

- 5.4 Trench 1 measured 30m and contained no archaeological features. The natural substratum was sealed by up to 0.5m of topsoil and a mid-orangey brown sandy silt subsoil deposit up to 0.25m.
- 5.5 Trench 2 measured 40m and contained no archaeological features. An area of pebbles and small angular stones of various shapes was noted 22m from the WNW end of the trench extending for about 6m. This change in the natural was not observed in Trenches 1 and 3. The natural substratum was sealed by up to 0.50m of topsoil and a mid-orangey brown sandy silt subsoil deposit up to 0.25m.



Plate 2 - General view of Trench 2

- 5.6 Trench 3 measured 45m long and contained a single large pit, which was exposed 16.5m from the WNW end of the trench. The pit [3004] was sub-circular, measuring 2.00m x 1.85m and aligned east to west. The pit had a depth of 0.38m, steeply sloping sides, although slightly more gradual to the west and a flat base. The compact dark greyish brown sandy clay fill (3003) was devoid of any finds or organic material. The natural substratum was sealed by 0.6m of topsoil. A buffer zone of at least 2 m was opened around the feature.



Plate 3 - Post ex shot of [3004] half section

- 5.7 Trench 4 measured 45m and contained no archaeological features. A modern pit was noted in section. The natural subsoil was sealed by up to 0.60m of topsoil.
- 5.8 Trench 5 measured 50m and contained no archaeological features. The natural substratum was sealed by up to 1.30m of topsoil.
- 5.9 Trench 6 measured 45m and contained not archaeological features. The natural substratum was sealed by 0.50-0.70m of topsoil, although this increased to 1.30m over a dip toward the ESE end of the trench.

6 CONCLUSION & RECOMMENDATION

- 6.1 The archaeological evaluation comprised six trenches totalling 331.5m². A single large undated pit was exposed in Trench 3 but no finds were recovered.
- 6.2 It is advised that no further archaeological works are required. This will be decided by Martin O'Hare archaeological advisor with the West of Scotland Archaeological Service.

7 REFERENCES

Scottish Government 2010 Scottish Planning Policy.

Scottish Government 2010 PAN 2/2011 Planning & Archaeology.

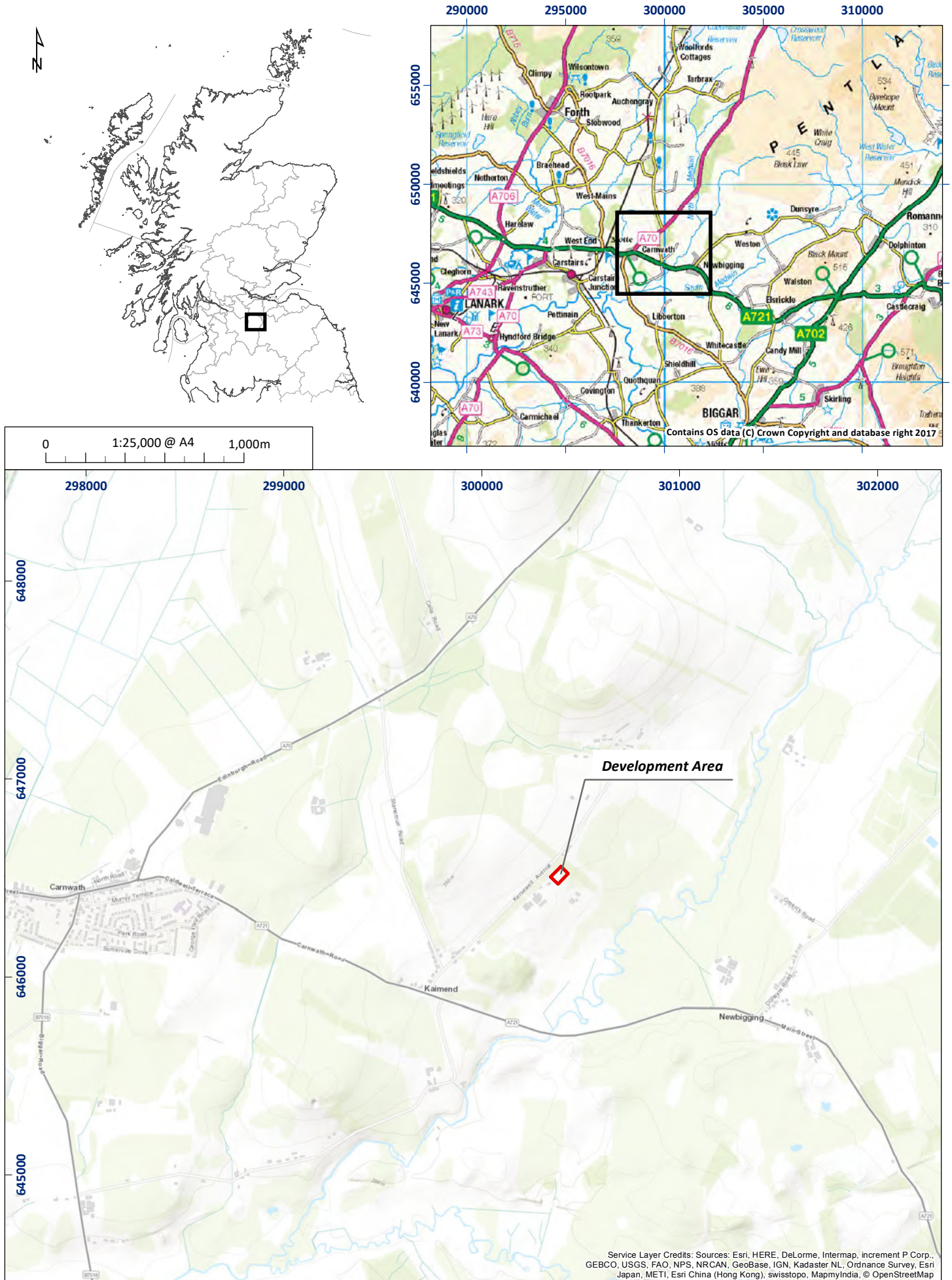
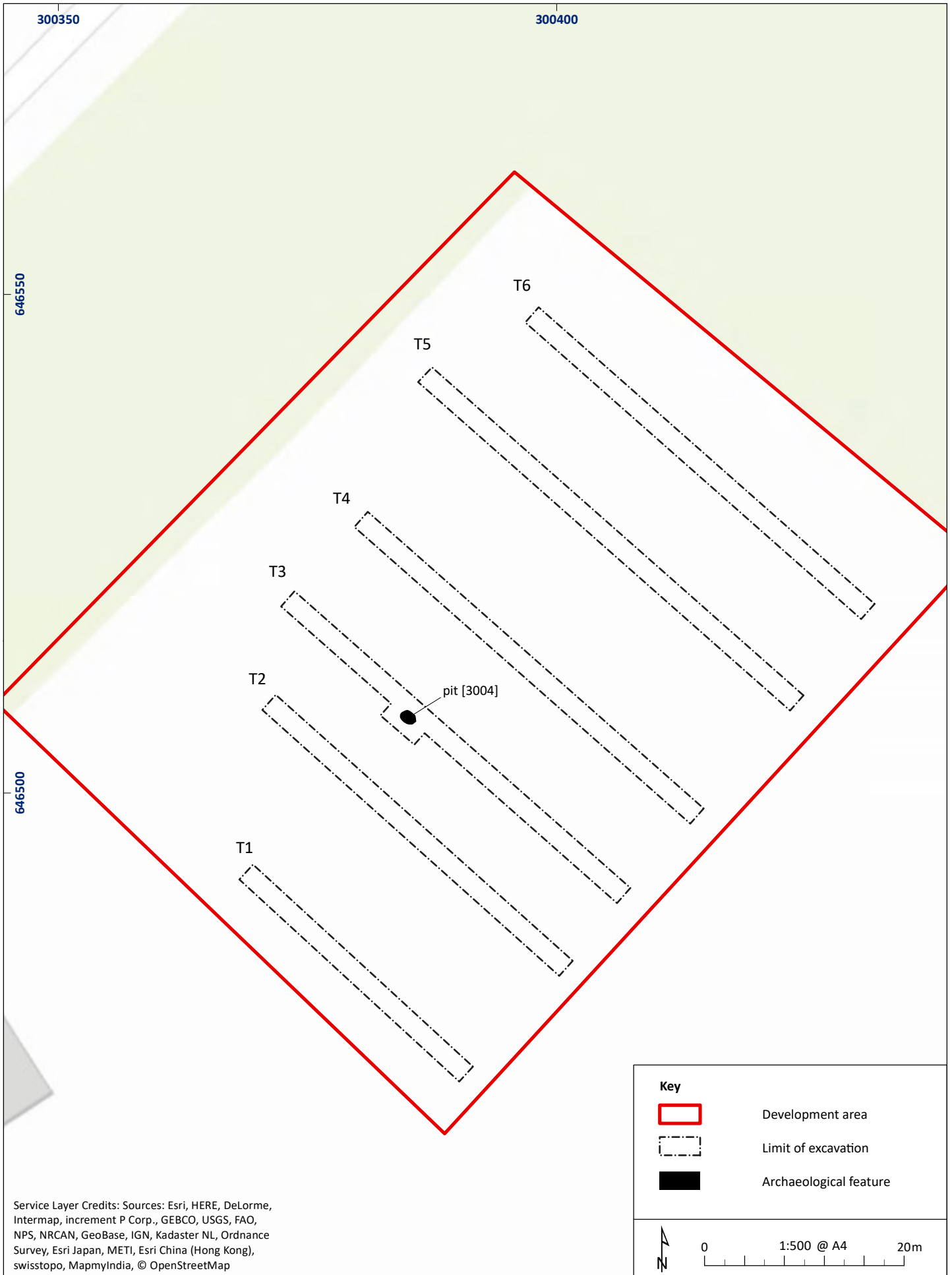


Figure 1: Site location plan

01/23954/DSR/01/01



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap

Figure 2: Location of trenches

01/23954/DSR/02/01

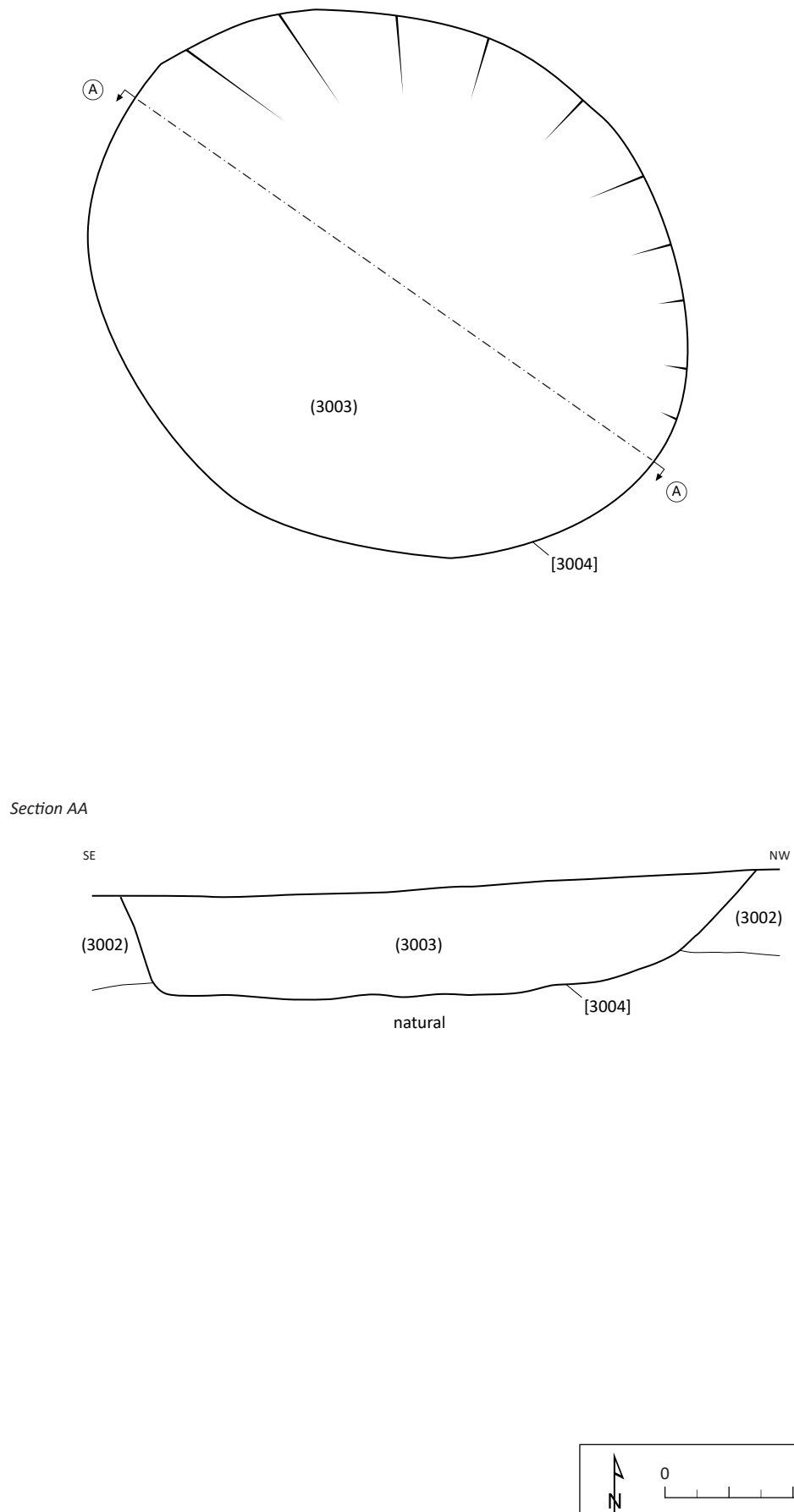


Figure 3: Pit [3004] plan and section

01/23954/DSR/03/01

Broomhill Farm, Carnwath: Archaeological Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: EVALUATION TRENCH DESCRIPTIONS

Trench 1

<i>Dimensions</i>	30m Long and 1.30m wide
<i>Orientation</i>	WNW-ESE
<i>Depth of Excavation</i>	Maximum 0.75m
<i>Significant Features</i>	None
<i>Soil make-up</i>	Topsoil Mid orangey brown clay silt, max. 0.50m Subsoil Mid orangey brown sandy silt, clean no inclusions, max. 0.25m
<i>Natural</i>	Mid orangey brown sandy silt with frequent gravel and mid-sized stones and occasional coal patches.
<i>Finds</i>	None

Trench 2

<i>Dimensions</i>	40m Long and 1.30m wide
<i>Orientation</i>	WNW-ESE
<i>Depth of Excavation</i>	Maximum 0.75m
<i>Significant Features</i>	None
<i>Soil make-up</i>	Topsoil Mid greyish brown clay silt, max. 0.50m Subsoil Mid orangey brown sandy silt, clean no inclusions, max. 0.25m
<i>Natural</i>	Mid orangey brown sandy silt with frequent gravel and mid-sized stones and occasional coal patches.
<i>Finds</i>	None

Trench 3

<i>Dimensions</i>	45m Long and 1.30m wide
<i>Orientation</i>	WNW-ESE
<i>Depth of Excavation</i>	Maximum 0.60m
<i>Significant Features</i>	[3004] (3005) Cut and fill of large pit.
<i>Soil make-up</i>	Topsoil Mid greyish brown clay silt, fine grain, loose, max. 0.60m
<i>Natural</i>	Mid orangey brown sandy silt with frequent gravel and mid-sized stones. Small stones inclusions, compact and coarse.
<i>Finds</i>	None

Trench 4

<i>Dimensions</i>	45m Long and 1.30m wide
<i>Orientation</i>	WNW-ESE
<i>Depth of Excavation</i>	Maximum 0.60m
<i>Significant Features</i>	None
<i>Soil make-up</i>	Topsoil Mid greyish brown clay silt, max. 0.60m
<i>Natural</i>	Mid orangey brown sandy silt with frequent gravel and mid-sized stones throughout
<i>Finds</i>	None

Trench 5

<i>Dimensions</i>	50m Long and 1.30m wide
<i>Orientation</i>	WNW-ESE
<i>Depth of Excavation</i>	Maximum 1.10m
<i>Significant Features</i>	None
<i>Soil make-up</i>	Topsoil Mid greyish brown clay silt, occasional small stones, max. 1.30m
<i>Natural</i>	Mid orangey brown sandy silt with frequent gravel and mid-sized stones throughout
<i>Finds</i>	None

Trench 6

<i>Dimensions</i>	45m Long and 1.30m wide
<i>Orientation</i>	WNW-ESE
<i>Depth of Excavation</i>	Maximum 1.30m
<i>Significant Features</i>	None
<i>Soil make-up</i>	Topsoil Mid greyish brown clay silt, max. 1.30
<i>Natural</i>	Mid orangey brown sandy silt with frequent gravel and mid-sized stones
<i>Finds</i>	None

APPENDIX 2: CONTEXT REGISTERS

Context No.	Trench	Description and Interpretation
[1001]	1	Topsoil Mid orangey brown clay Topsoil
[1002]	1	Subsoil Mid orangey brown sandy silt, clean no inclusions Subsoil
[1003]	1	Mid orangey brown sandy silt with frequent gravel and mid-sized stones and occasional coal patches Natural
[2001]	2	Topsoil Mid greyish brown clay silt Topsoil
[2002]	2	Subsoil Mid orangey brown sandy silt, clean no inclusions Subsoil
[2003]	2	Mid orangey brown sandy silt with frequent gravel and mid-sized stones and occasional coal patches Natural
[3001]	3	Topsoil Mid greyish brown clay silt, fine grain, loose Topsoil
[3002]	3	Mid orangey brown sandy silt with frequent gravel and mid-sized stones. Small stones inclusions, compact and coarse Natural
[3003]	3	Compact dark brown sandy clay fill, occasional small stones. Fill of pit
[3004]	3	Sharp sided to east, slightly more gradual to west, flat base, sub circular in plan, no other features visible in area. Cut of pit
[4001]	4	Topsoil Mid greyish brown clay silt, max. Topsoil
[4002]	4	Mid orangey brown sandy silt with frequent gravel and mid-sized stones throughout Natural
[5001]	5	Topsoil Mid greyish brown clay silt, occasional small stones Topsoil
[5002]	5	Mid orangey brown sandy silt with frequent gravel and mid-sized stones throughout Natural
[6001]	6	Topsoil Mid greyish brown clay silt Topsoil
[6002]	6	Mid orangey brown sandy silt with frequent gravel and mid-sized stones Natural

APPENDIX 3: PHOTOGRAPHIC REGISTER

Frame	Trench	F. No	Description	From	Date
01	1		General view of Trench 1	NW	04/10/2017
02	1		Sample section in Trench 1	SW	04/10/2017
03	2		General view of Trench 2	NW	04/10/2017
04	2		Sample section in Trench 2	SW	04/10/2017
05	2		General view of Trench 2	NW	04/10/2017
06	3		General view of Trench 3	NW	04/10/2017
07	3		Sample section in Trench 3	NE	04/10/2017
08	3		General view of Trench 3	NW	04/10/2017
09	4		General view of Trench 4	NW	04/10/2017
10	4		Sample section in Trench 4	SW	04/10/2017
11	4		General view of Trench 4	NW	04/10/2017
12	4		Detail of Trench 4 showing probable burrow	SW	04/10/2017
13	4		Detail of Trench 4 showing modern pit	NE	04/10/2017
14	4		Detail of Trench 4 showing probable burrow	-	04/10/2017
15	4		Detail of Trench 4 showing probable burrow	-	04/10/2017
16	4		Detail of Trench 4 showing probable burrow	-	04/10/2017
17	4		Detail view of Trench 4	NW	04/10/2017
18	5		General view of Trench 5	NW	04/10/2017
19	5		Sample section in Trench 5	SW	04/10/2017
20	5		Detail view of Trench 5	SW	04/10/2017
21	5		Detail view of Trench 5	NW	04/10/2017
22	5		General view of Trench 5	NW	04/10/2017
23	6		General view of Trench 6	NW	04/10/2017
24	6		Sample section of Trench 6	SW	04/10/2017
25	6		General view of Trench 6	NW	04/10/2017
26	3	[3004]	Detailed shot of pit in Trench 3	N	05/10/2017
27	3	[3004]	Post ex shot of [3004] half section	N	05/10/2017
28	3	[3004]	Post ex shot of [3004] half section	N	05/10/2017
29	3	[3004]	Post ex shot of [3004] half section	W	05/10/2017
30	5		Detail view of Trench 5	SW	05/10/2017
31	5		Detail view of Trench 5	SW	05/10/2017
32	5		Detail view of Trench 5	S	05/10/2017

APPENDIX 4: DRAWING REGISTER

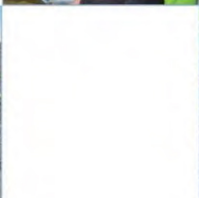
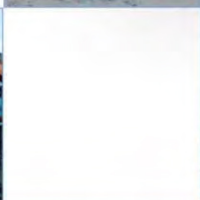
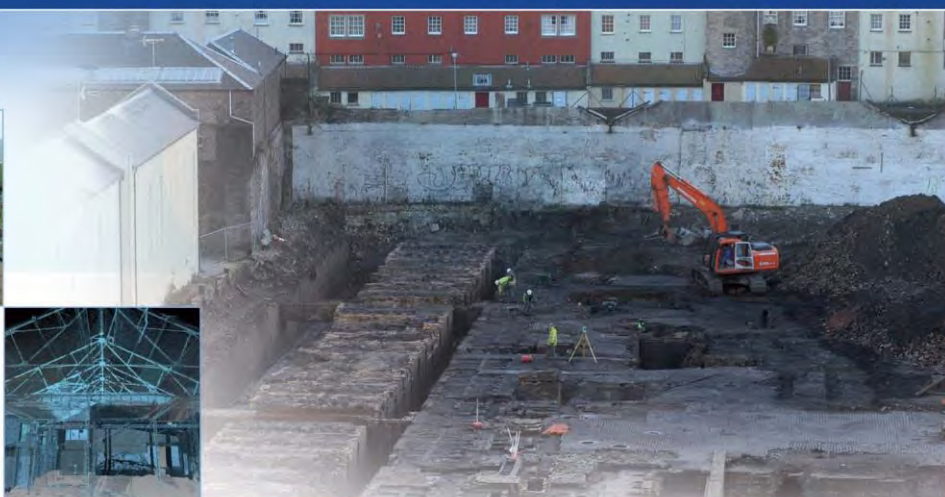
Drawing No.	Area	Feature No.	Details	Scale
01	Tr3	[3004]	North facing section of pit [3004]	1:10
02	Tr3	[3004]	Plan of pit [3004]	1:20

APPENDIX 5: SAMPLE REGISTER

Sample #	Trench	Context	Quantity
01	3	[3003]	2 Bkts

APPENDIX 6: 'DISCOVERY AND EXCAVATION IN SCOTLAND' REPORT

LOCAL AUTHORITY:	South Lanarkshire
PROJECT TITLE/SITE NAME:	Broomhill Farm, Carwath, South Lanarkshire
PROJECT CODE:	23954
PARISH:	Kaimend, Carnwath
NAME OF CONTRIBUTOR:	Anne-Aymonne Marot
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	N/A
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NT 0038 4651
START DATE (this season)	04 th October 2017
END DATE (this season)	05 th October 2017
PREVIOUS WORK (inc DES)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	This report presents the results of an archaeological evaluation undertaken by AOC Archaeology Group on behalf Mr and Mrs McKeand ahead of a small residential development at Broomhill Farm, Carnwath, South Lanarkshire. Six trenches totalling 331.5m ² were opened across the development area. A single undated large pit was recorded. No finds were recovered.
PROPOSED FUTURE WORK:	To be confirmed
CAPTION(S) FOR ILLUSTRATIONS:	N/A
SPONSOR OR FUNDING BODY:	Mr and Mrs McKeand
ADDRESS OF MAIN CONTRIBUTOR:	AOC Archaeology Group Edgefield Road Industrial Estate Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	edinburgh@aocarchaeology.com
ARCHIVE LOCATION	Archive to be deposited in NMRS



AOC Archaeology Group, Edgefield Industrial Estate, Edgefield Road, Loanhead EH20 9SY
tel: 0131 440 3593 | fax: 0131 440 3422 | e-mail: edinburgh@aocarchaeology.com

www.aocarchaeology.com