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**Land Adjacent to Orchardfield, East Linton
Archaeological Evaluation
ReportNo. 1819**

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CONTENTS

1.	Introduction	4
2.	Working Methods	5
3.	Archaeological Results	6
4.	Conclusions and Recommendations	9
5.	References	10

Appendices

1.	Summary of Evaluation Trenches	11
2.	Context Register	12
3.	Photographic Register	13
4.	Field Drawings Register	17
5.	Finds Quantification (Sue Anderson)	18

Illustrations (bound at rear)

- Fig. 1 Trench plan with insets showing the site location and the extent of Fig. 2
- Fig. 2 Plan of Trenches 1A, 26 and 36 showing the ring-ditches, other features and the location of the sections
- Fig. 3 Trench 1A, the ring-ditch 101 from the north
- Fig. 4 Trench 1A, section through ring-ditch 101 and the overlying soil profile
- Fig. 5 Trench 36, the ring-ditch 101 from the north
- Fig. 6 Trench 36, section through the ring-ditch 3601
- Fig. 7 Trench 36, section through possible cremation burial 3605
- Fig. 8 Trench 26, pit 2601 sectioned and pit 2603 on the right
- Fig. 9 Trench 37, ditch 3703
- Fig. 10 Trench 11, pit 1101 sectioned

1. INTRODUCTION

1.1 General

1.1.1 This report presents the results of an archaeological evaluation undertaken by CFA Archaeology Ltd (CFA) in September 2010 within the area of a proposed residential housing development on a green field site adjacent to Orchardfield, East Linton, East Lothian (centred on NGR NT 5875 7720, Fig. 1). The work was commissioned by Miller Homes.

1.1.2 A desk-based assessment of the development area was previously undertaken by CFA (Haines 2008). No previous invasive archaeological fieldwork is known to have taken place within the proposed development area prior to this evaluation.

1.1.3 A Written Scheme of Investigation (WSI) for the evaluation was produced by CFA. This was based upon information supplied by the East Lothian Council Archaeologist and was designed to fulfil the condition on the development. The WSI was approved in advance by the East Lothian Council Archaeologist.

1.2 Objectives

1.2.1 The objectives of the evaluation 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;

1.3 Weather Conditions

1.3.1 The weather throughout the evaluation was largely dry, and at times, windy.

2. WORKING METHODS

2.1 General

2.1.1 Work was conducted with regard to the Institute for Archaeologists' (IfA) *Standard and Guidance for an Archaeological Evaluation and Code of Conduct*.

2.2 Evaluation Strategy

2.2.1 The total site area is 51,400m². Fifty-five trial trenches (Fig. 1) were opened which examined 5219m², slightly over 10% of the total area.

2.2.2 Excavation constraints (services) consisted solely of an electricity cable running through the southern part of the site.

2.2.3 The trenches were excavated by machine under direct archaeological supervision to remove topsoil and other soil deposits down to subsoil or the first significant archaeological horizon, whichever was reached first.

2.2.4 Samples of all features of archaeological interest were hand excavated in order to establish their likely date, nature, extent and condition.

2.2.5 All hand excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by 35mm colour slide and digital photography and by completing standard CFA record forms.

2.2.6 Trench locations were recorded using industry standard survey equipment and the trenches were backfilled daily on completion of recording.

3. ARCHAEOLOGICAL RESULTS

3.1 General

- 3.1.1 Appendix 1 contains a tabulated summary of trench dimensions and a list of the features encountered. Context numbers appear below in bold, and a full description of these can be found in Appendix 2. Other site records are detailed in Appendices 3-4. A quantification of the finds by Sue Anderson forms Appendix 5 and a draft entry for inclusion in Discovery and Excavation in Scotland (DES) is included as Appendix 6.
- 3.1.2 Services within the site consisted solely of an electricity cable running through the southern part of the development area to the north of Orchardfield.
- 3.1.3 The site of the proposed development is bounded on the east by overgrown grassland and the embanked main Edinburgh to London railway line. To the south is Orchardfield and to the west and north are cultivated fields. A former trackway, now a footpath, runs along the northern edge of the field. The development site lies at around 30m OD, with a slight easterly aspect. Views to the east are restricted by the railway line but the site lies close to the River Tyne, at the inner end of the flat floodplain leading inland from the sea at Tynninghame, around 4km to the east.
- 3.1.4 The soil profile within the site consists of 0.3m of dark brown sandy-silt topsoil (**001**) which in most places overlies a varied depth of agricultural subsoil (**002**) with a depth of up to 0.5m. The undisturbed natural (**003**) consists of a compact reddish boulder clay on the slopes in the west of the site and a well drained sand or gravelly sand on the more level ground to the east. The sandy natural contains frequent lumps and lenses of soft coal-shale and coal dust.
- 3.1.5 A multi-period system of field drains was recorded. Examples containing circular clay pipes and fills of field clearance cobbles or quarried angular volcanic stone were recorded.

3.2 Trenches

- 3.2.1 Fifty-five trenches (Fig. 1, Appendix 1) were excavated within the development area. Only those trenches where archaeological features were identified are described below, summary details of the others can be found in Appendix 1.

Trench 1A

- 3.2.2 In Trench 1A, a portion of a ditch defined circular feature (**101**) was recorded (Figs. 2-3). This feature underlay 0.3m of topsoil (**001**) and 0.5m of subsoil (**002**) and the trench was then extended to reveal the majority of the feature. The ditch (**101**) was 1.25m wide and enclosed an area 3m in diameter. Two sections were excavated. It was V-shaped in profile and 0.6m deep. In Section 1 (Fig. 4) three fills were recorded. An upper deposit of homogeneous

firm red-brown silty sand with occasional pebbles (**102**) was indistinguishable from the overlying subsoil. This overlay a compact sandy gravel (**105**) which seemed to originate from the exterior of the feature. A thin lens of purple-brown silty sand (**106**) underlay **105** in the base of the ditch. Similar fills were present in Section 2 but there was no basal silty deposit (**106**) and **105** included a number of cobbles. No finds were recovered and there was no notable organic content. The internal area was featureless and there were no features in the area exposed outside the ditch.

Trench 11

- 3.2.3 In Trench 11 (Fig. 1), a portion of a possible pit or ditch terminal (**1101**) was recorded. This feature was close to the wire mesh fence along the railway and it was not possible to extend the trench but none of the nearby trenches contained any archaeological features. Topsoil (**001**) and subsoil (**002**) with a depth of 0.55m sealed **1101** (Fig. 10). The exposed extent measured 1.6m by 1.2m in plan and a section showed it to have a single compact dark-brown fill of silty sand (**1102**) and a depth of 0.5m. No finds were recovered and there was no notable organic content.

Trench 26

- 3.2.4 Trench 26 (Figs. 1-2) was located 5m to the north-east of Trench 36. Topsoil (**001**) and subsoil (**002**) with a depth of 0.7m sealed two pit features (**2601**, **2603**, Fig. 8) but there was no trace of any continuation of ditch **3608** into this trench. Pit **2601** was irregular but roughly kidney shaped in plan, measuring 1.6m by 1.4m. A section showed it to have a depth of 0.7m and to contain a single fill of sterile coal-flecked sand (**2602**), similar to the material through which it was cut. No finds were recovered. The adjacent feature (**2603**) was circular with a width of 0.4m. The surface fill (**2604**) was similar to **2602**.

Trench 36

- 3.2.5 In Trench 36, a portion of a second ditch defined circular feature (**3601**) was recorded (Figs. 2, 5). This feature underlay 0.3m of topsoil (**001**) and 0.45m of subsoil (**002**). The ditch (**3601**) was c. 2m wide, enclosing a featureless internal area 4.8m in diameter. One section (Fig. 6) was excavated through the ditch and at this point it had a shallow V-shaped profile and was 0.8m deep. Two fills were recorded, an upper fill of homogeneous red-brown silty sand with occasional pebbles (**3602**) which was indistinguishable from the overlying subsoil which overlay a compact sandy gravel (**3603**). Within the upper fill of the ditch were three large red sandstone slabs (**3604** & **3613**) but there was no evidence to suggest that these were anything other than floating in the upper deposit. No finds were recovered from the ditch itself and there was no notable organic content, but two lithics were recovered during cleaning within the enclosure. One of these may be a broken combined serration/piercer. A base sherd and a body sherd of medieval Scottish White Gritty Ware (SWGW) were also recovered from the same cleaning layer.

- 3.2.6 Outside the ring-ditch, a possible pit (3610) measuring 1m by 0.7m was recorded on the western side. This was filled with a red-brown silty sand and gravel (3611). On the northern side, a ditch (Figs. 2, 5) (3608) with a V profile ran north, then north-east for 5m, before exiting the trench. This feature had a width of 0.4m and depth of 0.25m. It was filled with a red-brown silty sand and gravel (3609). A pit (Fig. 7) (3605) was located at the angle of ditch 3608. This feature (3605) was 1.3m in length and 1m in width. It contained a surface deposit of fist-sized cobbles (3612) and a matrix of red-brown silty sand with occasional pebbles (3606). Below these and partially lining the pit were large flat slabs (3607). No artefacts were recovered but fragments of cremated bone, including what may be part of a human femur were present in 3606.

Trench 37

- 3.2.7 Topsoil (100) and subsoil (101) overlay a section of ditch (3703). The ditch was aligned approximately east-west and had a slight curve to it (Fig. 9). It was 1m wide x 0.5m deep and had a V-shaped profile with a rounded base. It was filled with (3704) a firm orange-brown silty sand with occasional small gravel.
- 3.2.8 A possible chert flake was recovered from the back fill of a modern test-pit.

Trench 39

- 3.2.9 Topsoil (100) and subsoil (101) overlay a section of ditch (3901). The ditch was aligned approximately east-west and had a slight curve to it (Fig. 9). It was 1m wide x 0.5m deep and had a V-shaped profile with a rounded base. It was filled with (3902) a firm orange-brown silty sand with occasional small gravel.

Trench 40

- 3.2.10 Topsoil (100) and subsoil (101) overlay a section of ditch (4001). The ditch was aligned approximately east-west and had a slight curve to it (Fig. 9). It was 1.1m wide x 0.35m deep and had a U-shaped profile with a rounded base. It was filled with (4002) a firm orange-brown silty sand with occasional small gravel.

Trench 41

- 3.2.11 Topsoil (100) and subsoil (101) overlay a section of ditch (4101). The ditch was aligned approximately NNE-SSW and had a slight curve to it (Fig. 9). It was 1.5m wide x 0.6m deep and had a V-shaped profile with a rounded base. It was filled with (4102) a firm orange-brown silty sand with occasional small gravel.

Trench 44

- 3.2.12 Two sections of ditch were present in this trench both sealed below topsoil (100) and subsoil (101). The first (4401) was 1.1m wide x 0.5m deep and aligned east-west. It had a U-shaped profile and was filled by (4402) a firm orange-brown silty sand with occasional small gravel. The second ditch (4403) was 1.2m wide x 0.5m deep and aligned north-south. It had a U-shaped profile and was filled by (4404) a firm orange-brown silty sand with occasional small gravel.

3.4 Finds by Sue Anderson

- 3.4.1 Small quantities of pottery and lithic artefacts and a fragment of bone were recovered from three trenches during the evaluation. A full list by context is included as Appendix 5. The finds are described by type below.

Pottery

- 3.4.2 Three sherds of pottery (34g) were recovered from subsoil (002) in Trenches 36 and 40. All were medieval green-glazed Scottish White Gritty Wares (SWGW).

Lithics

- 3.4.3 Two flakes of ?chert were collected from subsoil (002) in Trench 36 and context 3702 in Trench 37; neither shows definite signs of working, but they are likely to be prehistoric in date.
- 3.4.4 A flint blade fragment, possibly snapped, with serration along one edge and retouching which appears to have been intended to form a piercer along another side, was collected from subsoil (002) in Trench 36. The tool may be of Neolithic date.

Bone

- 3.4.5 A small fragment of calcined long bone, possibly part of a human femur was recovered from 3606, the fill of a partially stone line pit.

4. CONCLUSIONS AND RECOMMENDATIONS

- 4.1 Fifty-five trial trenches were excavated covering 5219m². The significant results of the evaluation include:
- Two ditch defined circular features with overall diameters of 5.5m (Trench 1A) and 8.6m (Trench 36). No features were present within these ring-ditches but both pits and narrower ditches were recorded outside the larger example. No stratified finds were recovered and there was no visible organic content in the ditch fills.
 - A possible cremation burial in a stone lined pit which was identified adjacent to the ditch defined enclosure in Trench 36.
- 4.2 Less significant finds include:
- Sections of ditch were recorded running through Trenches 37, 39, 40 and 41, with two being recorded in Trench 44. The profiles of these varied between U-shaped and V-shaped. No dateable finds were recovered from the sections excavated. The sections of ditch were of a similar scale and had similar single fills.
 - Two pits were recorded in Trench 26, just north-east of the larger ring-ditch. No finds were recovered and the fills were sterile sand similar to the natural.
 - A possible pit was recorded in Trench 11. No finds were recovered and there was no visible organic content in the pit fill.
- 4.3 The evaluation has identified a cluster of probable prehistoric remains alongside other undated features. The ditch defined circular features may be plough truncated burial mounds where the ditch was dug to create a central mound and then burials were inserted in the mounds. The mounds and burials having now been ploughed out leaving only the enclosing ditches. Parallels for these features were found at Newbarns, Angus (McGill 2004), where undated circular ditches of similar diameters were recorded. However such burial structures are usually ascribed to the late Neolithic / Early Bronze Age. The possible cremation is likely to be Early Bronze Age in date. Flints such as the one recovered from the cleaning in Trench 36 have been identified (Warren forthcoming) as a characteristic of Neolithic lithic assemblages. These prehistoric features do not appear to be widely spread throughout the site but appear to be clustered in the southeast corner of the proposed development site and indicate Late Neolithic/ Early Bronze Age use of the area for burials / ritual practices.
- 4.4 The responsibility for deciding the scope of further work is required lies solely with the East Lothian Council Archaeology Officer.
- 4.5 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 East Lothian Council.

4.6 A summary statement of the results of this evaluation will be submitted for publication in *Discovery and Excavation in Scotland 2010* and it will be reported through OASIS Scotland..

5. REFERENCES

Bibliographic

McGill, C Excavations of cropmarks at Newbarns, near Inverkeilor, Angus, Tayside and Fife Archaeological Journal 2004, 94-118

Haines, K 2008 Orchardfield, East Linton, Desk-Based Assessment. CFA Archaeology Ltd, Report No. 1445

Warren, G forthcoming 'Lesmurdie Road, Elgin Moray, Chipped Stone'

APPENDIX 1: SUMMARY OF EVALUATION TRENCHES

Trench No.	Length (m)	Width (m)	Depth of topsoil/subsoil (m)	Comments
1A	25	2	0.3/0.5	Trench extended (8m x 3m) to reveal circular ring-ditch (101). Modern test-pit
1B	25	2	0.3/0.4	No features
2	50	2	0.3/0.1	No features
3	50	2	0.3/0.15	Field drain
4	50	2	0.3	Field drain terminal (401), field drains
5	50	2	0.3/0.3	Field drain terminal
6	45	2	0.3	No features
7	50	2	0.3/0.1	Field drains
8	50	2	0.3/0.1	Field drains
9	50	2	0.3/0.1	Field drains
10	50	2	0.3/0.3	No features
11	50	2	0.3/0.25	Pit or ditch terminal (1101)
12	50	2	0.25/0.1	No features
13	50	2	0.3/0.25	No features
14	50	2	0.3/0.15	No features
15	52	2	0.3/0.2	No features
16	45	2	0.3	Field drains
17	45	2	0.3	No features
18	40	2	0.3	Field drain
19	40	2	0.3	Field drain
20				Not excavated
21	45	2	0.3/0.2	Field drains
22	50	2	0.3/0.15	No features
23	50	2	0.3/0.35	Test-Pit & borehole
24	50	2	0.3/0.1	No features
25	50	2	0.3/0.35	No features
26	50	2	0.3/0.3	Trench extended (4m x 2.5m) to reveal two pit features (2601, 2603).
27	50	2	0.3/0.15	Field drain
28	50	2	0.3/0.2	No features
29	40	2	0.45/0.25	Two field drains
30	55	2	0.3/0.2	Field drain
31	50	2	0.3/0.15	No features
32	50	2	0.3/0.15	No features
33	50	2	0.3/0.2	No features
34	50	2	0.3/0.3	No features
35	50	2	0.3/0.25	Field drain
36	50	2	0.3/0.5	Trench extended (12m x 7m) to reveal ring-ditch (3601) & nearby pit/ditch features.
37	50	2	0.3/0.2-0.5	Linear ditch (3703), Modern Test-Pit (3701)
38	50	2	0.3/0.1	Modern Test-Pit
39	50	2	0.3/0.1	Linear ditch (3901)
40	50	2	0.3/0.4	Linear ditch (4001)
41	50	2	0.3/0.1	Linear ditch (4101)
42	50	2	0.3/0.1	Field drain
43	45	2	0.3/0.5	No features
44	50	2	0.3/0.4	Two linear ditches (4401, 4403)
45	50	2	0.3/0.5	Two field drains
46	50	2	0.3/0.25	No features
47	50	2	0.3/0.3	No features
48	50	2	0.3/0.3	No features
49A	25	2	0.3	No features

Trench No.	Length (m)	Width (m)	Depth of topsoil/subsoil (m)	Comments
49B	25	2	0.3	No features
50	50	2	0.3	No features
51	50	2	0.3	No features
52	25	2	0.3/0.2	No features
53	25	2	0.3/0.1	Field drain
54	17	2	0.3/0.4	No features
55	13	2	0.3/0.3	No features

APPENDIX 2: CONTEXT REGISTER

Context	Trench	Fill of	Type	Description
001	All	-	Topsoil	Dark-brown sandy silt or clay-silt topsoil
002	-	-	Subsoil (soil under topsoil)	Overall (site-wide) context for soil deposits under topsoil. Firm red-brown silty sand with occasional small gravel
003	All	-	Natural	Varied undisturbed natural. Laminated sands with coal lenses/patches to the east with sandy small gravel between Trenches 1A and 53. Compact stony sandy clay to the west
101	1A		Cut	Cut for ring-ditch
102	1A	101	Deposit	Firm red-brown silty sand with occasional small gravel
103	1A		Cut	Rectangular test-pit
104	1A	103	Deposit	Mixed fill comprising redeposited natural subsoil and topsoil
105	1A	101	Deposit	Compact purple-brown sand and small gravel
106	1A	101	Deposit	Firm purple-brown silty sand
401	4		Cut	Field drain terminal
402	4	401	Deposit	Compact coal-flecked brown soil
1101	11		Cut	Possible pit
1102	11	1101	Deposit	Compact dark brown sandy silt
2301	23		Cut	Rectangular test-pit
2302	23	2301	Deposit	Mixed fill comprising redeposited natural subsoil and topsoil
2303	23		Cut	Circular borehole
2304	23	2303	Deposit	Sand fill around central void
2601	26		Cut	Irregular large pit
2602	26	2601	Deposit	Redeposited soft natural coal flecked sand
2603	26		Cut	Small circular pit
2604	26	2603	Deposit	Redeposited soft natural coal flecked sand
3601	36		Cut	Circular cut for ring-ditch
3602	36	3601	Deposit	Firm red-brown silty sand with occasional small gravel
3603	36	3601	Deposit	Compact purple-brown sand and small gravel
3604	36	3601	Deposit	Large slab of red sandstone
3605	36		Cut	Sub-rectangular pit
3606	36	3605	Deposit	Firm red-brown silty sand with occasional small gravel
3607	36	3605	Deposit	Large flat slabs partially lining pit
3608	36		Cut	Ditch with V profile
3609	36	3608	Deposit	Firm red-brown silty sand with occasional small gravel
3610	36		Cut	Rectangular pit

Context	Trench	Fill of	Type	Description
3611	36	3610	Deposit	Firm red-brown silty sand with occasional small gravel
3612	36	3705	Deposit	Fist-sized rounded cobbles
3613	36	3601	Deposit	Large slab of red sandstone
3701	37		Cut	Rectangular test-pit
3702	37	3701	Deposit	Mixed fill comprising redeposited natural subsoil and topsoil
3703	37		Cut	Curvilinear ditch
3704	37	3703	Deposit	Firm orange-brown silty sand with occasional small gravel
3801	38		Cut	Rectangular test-pit
3802	38	3801	Deposit	Mixed fill comprising redeposited natural subsoil and topsoil
3901	39		Cut	Linear ditch
3902	39	3901	Deposit	Firm orange-brown silty sand with occasional small gravel
4001	40		Cut	Linear ditch
4002	40	4001	Deposit	Firm orange-brown silty sand with occasional small gravel
4101	41		Cut	Linear ditch
4102	41	4101	Deposit	Firm orange-brown silty sand with occasional small gravel
4401	44		Cut	Linear ditch
4402	44	4401	Deposit	Firm orange-brown silty sand with occasional small gravel
4403	44		Cut	Linear ditch
4404	44	4403	Deposit	Firm orange-brown silty sand with occasional small gravel

APPENDIX 3: PHOTOGRAPHIC REGISTER

SLR No.	Digital No.	Contexts/description	Taken from	Conditions
Film 1				
	1-8	Pre-excavation views of the evaluation area	S	Dull
	9	Trench 46, general view	W	Dull
	10	Trench 46 view of electric cable	E	Dull
	11-12	Trench 46 soil profile, west end	N	Dull
	13	Trench 46, clay-piped field drain	NE	Dull
	14	Trench 46, general view	E	Dull
	15	Trench 43, general view	W	Dull
	16-17	Trench 43, soil profile	S & SSE	Dull
	18	Trench 43, general view	E	Dull
	19	Trench 43, stone-filled field drain	SE	Dull
	20	Trench 41, general view	NW	Dull
1-2	21-22	Trench 41, ditch 4101-2 section	NE	Dull
	23	Trench 41, view of coal lenses and patches	SE	Overcast
	24	Trench 41, general view	SE	Overcast
	25	Trench 41, ditch 4101-2 section	N	Overcast
	26	Trench 42, general view	WNW	Sunny
	27	Trench 42, stone-filled field drain	S	Sun/shade
	28	Trench 42, general view	ESE	Sunny
3-4	29-30	Trench 44, ditch 4401-2	W	Sun/shade
5-6	31-32	Trench 44, ditch 4403-4	S	Overcast

SLR No.	Digital No.	Contexts/description	Taken from	Conditions
7-8	33	Trench 44, general view	SE	Overcast
	34	Trench 45, general view	NE	Overcast
	35	Trench 45, soil profile NE end	NW	Overcast
	36	Trench 45, soil profile SW end	NW	Overcast
	37-38	Trench 45, general views showing rotten rock natural subsoil	SW	Overcast
9-10	39	Trench 40, general view	S	Sun/shade
11-12	40-41	Trench 40, ditch 4001-2 section	W	Sun/shade
13-14	42	Trench 39, ditch 3901-2 pre-ex	E	Sun/shade
15-16	43-44	Trench 39, general view	NNE	Sun/shade
	45	Trench 39, ditch 3901-2	N	Sun/shade
17-18	46-47	Trench 37 test-pit 3701-2	S	Sun
19-20	48	Trench 37, ditch 3703-4	E	Sun/shade
21-22	49-50	Trench 37, ditch 3703-4 section	ENE	Sun/shade
23-24	51-52	Trench 37, ditch 3703-4 general view	WSW	Bright
	53	Trench 37, general view	NW	Bright
25-26	54	Trench 36, general view of the ring-ditch in the initial trench	SW	Overcast
27-28	55	Trench 36, general view of the ring-ditch in the initial trench	NE	Overcast
	56	Trench 36, ring-ditch 3601 in trench extension	SE	Overcast
	57	Trench 36, ring-ditch 3601 in trench extension	NW	Overcast
	58	Trench 25, general view	SW	Bright/shade
29-30	59	Trench 38, general view	E	Sun/shade
	60	Trench 38, test-pit 3801-2	SE	Sun/shade
	61-63	Trench 34, general view and views of the site (8/9/10)	SSE	Bright
	65	Trench 28, general view	SSE	Overcast
Film 2				
1-2	66	Trench 36, ring-ditch 3601-2 section	SE	Overcast
	67	Trench 36, ring-ditch 3601-2 section	S	Overcast
3-4	68	Trench 36, ring-ditch 3601-2 section	SW	Overcast
5-6	69-71	Trench 36, ring-ditch 3601-2 section	NE	Overcast
	72	Trench 49A, general view	S	Overcast
	73	Trench 49A soil profile	E	Overcast
	74-75	General views of the area (Trenches 49-51) closest to the B1407	S	Overcast
	76-77	General views of the area (Trenches 49-51) closest to the B1407	SSE	Overcast
	78-79	Trench 49B, general view	NW	Overcast
	80	Trench 48, general view	ENE	Bright
	81	Trench 48 soil profile, ENE end	SSE	Bright
	82	Trench 48 with Trench 49B beyond. Note the differing size of the spoil heaps	WNW	Bright
	83	Trench 47, general view	WSW	Bright
	84-85	General site views 9/9/10	WNW	Overcast
7-10	86-88	General site views 9/9/10	NW	Overcast
	89-90	General site views 9/9/10	N	Sun
	91-92	Trench 47, views of the natural subsoil 003	ENE	Sun
	93	Trenches 49B, 50, 51, general view	N	Sun
	94	Trench 51, general view	S	Sun
	95	Trench 51, soil profile south end	SSE	Sun
	96	Trench 50, general view	SSE	Sun

SLR No.	Digital No.	Contexts/description	Taken from	Conditions
	97	Trench 33, general view	SE	Sun
	98	Trench 33, bedrock knoll in mid-trench	SE	Sun
	99	Trench 32, soil profile, NE end	NNE	Sun
	100	Trench 32, general view	ESE	Sun
	101	Trench 31, soil profile, SE end	SW	Bright
	102	Trench 31, general view	SE	Bright
	103	Trench 35, general view	NE	Bright
	104-105	Trench 35, clay-piped field drain	SE	Overcast
	106	Trench 30, field drain	E	Overcast
	107	Trench 30, general view	W	Overcast
	108	Trench 19, field drain	SSE	Overcast
	109	Trench 19 general view	SSE	Overcast
	110	Trench 29 soil profile	E	Overcast
	111	Trench 29 general view	S	Overcast
	112	Trench 18 general view with stone field drain	SSE	Overcast
	113	Trench 16 general view with stone field drain	SW	Overcast
	114	Trench 17 soil profile	SSE	Bright
	115	Trench 17 general view	WSW	Overcast
	116	Trench 6 general view	SE	Overcast
11-12	117	Trench 1A general view of the initial trench with test-pit 103 in foreground and ring-ditch 101 beyond	SW	Overcast
13-14	118-119	Trench 1A general view	NE	Overcast
	120-121	Trench 1A ring-ditch 101-2	ENE	Overcast
	122	Trench 1A test-pit 103-4	ENE	Overcast
	123	Trench 1A test-pit 103-4	SW	Overcast
15-16	124-127	Trench 1A, ring-ditch 101 Section 1	SE	Overcast
17-18	128-129	Trench 1A, ring-ditch 101 Section 1	NE	Overcast
19-22	130-131	Trench 1A extended to fully expose ring-ditch 101	N	Overcast
23-24	132-133	Trench 1A extended to fully expose ring-ditch 101	ENE	Overcast
	134	Trench 27 general view	NE	Overcast
	135	Trench 27 general view	SW	Overcast
	136	Trench 27 clay-piped field drain	NE	Overcast
	137	Trench 21, natural boulder, SW end	NE	Overcast
	138	Trench 15 general view	NW	Overcast
	139	Trench 15 soil profile NW end	NE	Overcast
	140-141	Trench 8 stone filled field drain	SW & NE	Overcast
	142	Trench 8 general view	SW	Overcast
	143	Trench 7 general view	ENE	Overcast
	144	Trench 7 quarried stone field drain	SSE	Overcast
	145	Trench 4 stone filled field drain with pantile pieces and pottery in fill	WSW	Overcast
	146	Trench 5 general view	SSE	Overcast
25-26	147-148	Trench 1A, Section 2 101-2	S	Overcast
27-28	149-150	Trench 1A, Section 2 101-2	N	Overcast
	151	Trench 1B general view	SW	Overcast
	152	Trench 1A general view of the ditch & excavated slots	S	Overcast
29-30	153-154	Trench 36 extension cleaned (14/9/10)	N	Bright
	155-156	Trench 36 extension cleaned (14/9/10)	NW	Bright

SLR No.	Digital No.	Contexts/description	Taken from	Conditions
	157-158	Trench 36 extension cleaned (14/9/10)	SE	Bright
	159-160	Trench 36 extension cleaned (14/9/10)	SSE	Overcast
	161	Trench 36 extension cleaned (14/9/10)	SSE	Overcast
	162	Trench 36 ring-ditch 3601 showing red sandstone 3613 in fill	SSE	Overcast
	163	Trench 36 pit 3605 pre-excavation	SSE	Bright
31-32	164	Trench 36 pit 3605 and ditch 3608	SW	Bright
	165	Trench 13 general view	NE	Sun/shade
	166	Trench 22 general view	NW	Sun/shade
	167	Trench 23 general view	SW	Sun/shade
	168	Trench 24 general view	NW	Bright
	169	Trench 4 general view	E	Overcast
	170-171	Trench 4 ditch terminal 401-2	N	Overcast
33-34	172	Trench 26 pit 2601 at SE end in initial trench	NW	Overcast
	173	Trench 26 pit 2601 at SE end	NNW	Overcast
	174	Trench 26 pit 2601 at SE end	E	Overcast
	175	Trench 26 pit 2601 at SE end with the extended Trench 36 beyond	E	Overcast
	176-178	Trench 26 general view & panorama of SE area of site	NW	Bright
35-36	179-181	Trench 36 extension, pit 3605 & fills 3606-7, 3612 section	N	Overcast
	182-183	Trench 36 extension, pit 3605 & fills 3606-7, 3612 plan view	N	Overcast
	184	Trench 36 extension ditch 3608-9 section	W	Sun/shade
	185	Trench 11 general view	S	Sun
Film 3				
1-2	186-187	Trench 11, pit 1101-2	W	Sun
3-4	188	Trench 11, pit 1101-2	S	Sun
	189	Trench 2 general view	SW	Sun/shade
	190-191	Trench 3 general view	WNW	Sun/shade
	192	Trench 9 general view	SW	Sun/shade
	193	Trench 9 clay-pipe field drain & stone field drain	SW	Sun/shade
	194	Trench 14 general view	NW	Bright
	195-196	Trench 10 general view	SSE	Bright
	197	Trench 10 soil profile SSE end	WSW	Bright
	198	Trench 12 general view	SSE	Bright
	199	Trench 12 soil profile	WSW	Bright
	200	Trench 52 general view	S	Overcast
5-6	201	Trench 11, pit 1101-2 section	W	Overcast
7-8	202	Trench 11, pit 1101-2 section	N	Overcast
9-14	203-205	Trench 11, pit 1101-2 section & trench section	W	Overcast
	206	Trench 53 general view	NE	Sun
	207	Trench 53 soil profile	NW	Bright
	208	Trench 54 general view	NW	Bright
	209	Trench 54 soil profile	SW	Bright
	210	Trench 55 general view	WSW	Bright
15-16	211	Trench 26 pit 2601 & pit 2603 in extended trench general view	N	Bright
17-18	212-213	Trench 26 pit 2601-2 section & pit 2603 in extended trench general view	NNE	Bright
19-20	214-215	Trench 26 pit 2601-2 section	WNW	Overcast

APPENDIX 4: FIELD DRAWINGS REGISTER

Drawing No.	Sheet No.	Scale	Plan / Section	Description/contexts
1	1	1:20	S	Trench 44, ditch 4403-4
2	1	1:20	S	Trench 44, ditch 4403-4
3	1	1:20	S	Trench 44, ditch 4401-2
4	1	1:20	S	Trench 44, ditch 4401-2
5	1	1:20	S	Trench 40, ditch 4001-2
6	1	1:20	S	Trench 37, test-pit 3701-2
7	1	1:20	S	Trench 41, ditch 4101-2
8	1	1:20	S	Trench 37, ditch 3703-4
9	2-3	1:40	P	Trench 36, ring-ditch 3601, 3604, 3613
10	2-3	1:20	S	Trench 36, ring-ditch section 3601-3
11	3	1:10	S	Trench 36, ring-ditch 3601-3, 3604
12	1	1:20	S	Trench 37, ditch 3703-4
13	DB	1:200	P	Trench 46 general plan
14	DB	1:200	S	Trench 43 general plan
15	DB	1:200	S	Trench 41 general plan
16	DB	1:200	S	Trench 42 general plan
17	DB	1:100	S	Trench 44 general plan
18	DB	1:200	S	Trench 45 general plan
19	DB	1:100	S	Trench 40 general plan
20	DB	1:100	S	Trench 39 general plan
21	DB	1:100	S	Trench 37 general plan
22	DB	1:200	S	Trench 38 general plan
23	4	1:20	S	Trench 1A section SE facing 001-3, 101-2, 105-6
24	4	1:40	P	Trench 1A general plan 101-2
25	DB	1:200	P	Trench 35 general plan
26	DB	1:200	P	Trench 30 general plan
27	DB	1:200	P	Trench 19 general plan
28	DB	1:200	P	Trench 18 general plan
29	DB	1:200	P	Trench 16 general plan
30	DB	1:200	P	Trench 27 general plan
31	DB	1:200	P	Trench 21 general plan
32	DB	1:200	P	Trench 8 general plan
33	DB	1:200	P	Trench 7 general plan
34	5	1:40	P	Trench 36 extension general plan 3601-2, 3604-13
35	5	1:20	S	Trench 1A ring-ditch 101, Slot 2
36	5	1:10	S	Trench 36 extension pit 3605, N facing section
37	5	1:10	S	Trench 36 extension 3608 W facing
38	DB	1:100	P	Trench 4 general plan
39	DB	1:10	S	Trench 4 ditch 401-2 section
40	6	1:40	P	Trench 11 N end including pit 1101-2
41	6	1:20	S	Trench 11, W facing section
42	6	1:10	S	Trench 11 pit 1101-2 N facing
43	6	1:10	S	Trench 11 pit 1101-2 W facing
44	7	1:20	S	Trench 26 section pre-extension including pit 2601-2 NE facing
45	7	1:40	P	Trench 26 plan of pits 2601, 2603
46	7	1:20	S	Trench 26 pit 2601-2 NE facing

Drawing No.	Sheet No.	Scale	Plan / Section	Description/contexts
47	7	1:20	S	Trench 26 pit 2601-2 NW facing
48	DB	1:200	P	Trench 3 general plan
49	DB	1:200	P	Trench 9 general plan
50	DB	1:200	P	Trench 11, general plan
51	DB	1:200	P	Trench 53 general plan

APPENDIX 5: Finds Quantification (Sue Anderson)

Trench	Context	Find type	No	Wt (g)	Notes	Date
36	002	pot	1	14	SWGW base	med
36	002	pot	1	10	?SWGW body	med
36	002	lithics	2	3	1 flint flake with partial serrated edge and 1 ?chert flake	Neolithic?
36 ext	3606	bone	1	1	small frag calcined long bone, poss human femur	
37	3702	lithic?	1	3	?chert, poss natural	
40	002	pot	1	10	SWGW	med



Key:



Fig. No: 1 Revision: A Client: Miller Homes

Title: Trench Plan with an insert showing the site location and the extent of Fig. 2

Project: Land adjacent to Orchardfield, East Linton, East Lothian



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Scale: 1:2,500 @ A4

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Key:

red sandstone

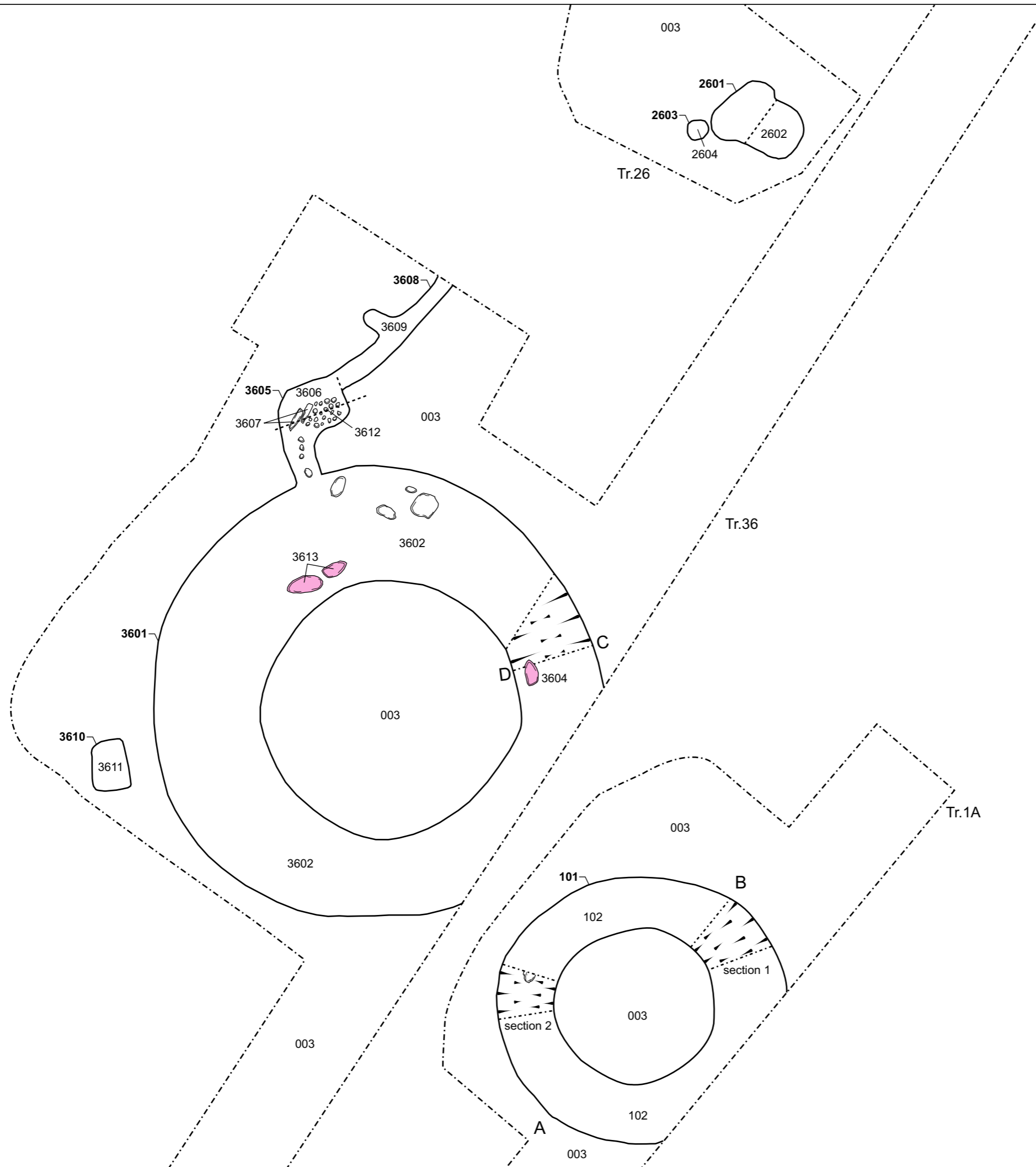


Fig. No: 2 Revision: A

Title: Plan of Trenches 1A, 26 and 36 showing the ring-ditches, pits and the location of the sections

Project: Land Adjacent to Orchardfield, East Linton, East Lothain


Scale: 1:80@A3

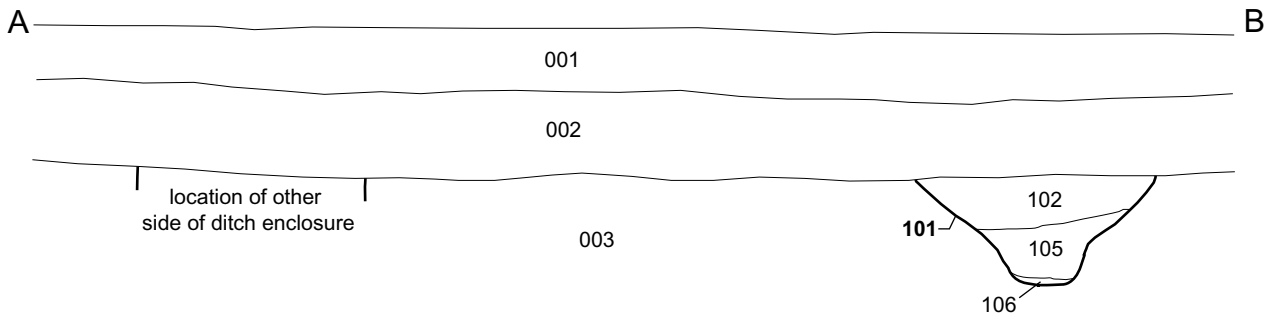
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Fig. 3 Trench 1A, ring-ditch 101 from the north

Key:	Fig. No:	3	Revision:	A	Client:	Miller Homes	 <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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Key:

Fig. No: 4 Revision: A Client: Miller Homes

Title: Trench 1A, section through ring-ditch 101 and the overlying soil profile

Project: Land adjacent to Orchardfield, East Linton, East Lothian



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Scale: 1:40 0.5m 0 1m

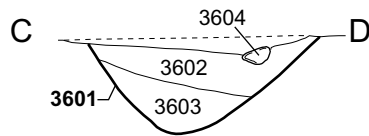


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Fig. 5 Trench 36, ring-ditch 3601 from the north

Key:	Fig. No:	5	Revision:	A	Client:	Miller Homes
	Title:					
	Project:	Land adjacent to Orchardfield, East Linton, East Lothian				
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Key:

Fig. No: 6 Revision: A Client: Miller Homes

Title: Trench 36, section through ring-ditch 3601

Project: Land adjacent to Orchardfield, East Linton, East Lothian

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Scale: 1:40 0.5m 0 1m

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Fig. 7 Trench 3 section through possible cremation burial 3605



Fig. 8 Trench 26, pit 2601 sectioned and pit 2603 on the right



Key:	Fig. No:	7-8	Revision:	A	Client:	Miller Homes
	Title:					
	Project:	Land adjacent to Orchardfield, East Linton, East Lothian				
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. 9 Trench 37, ditch 3703



Fig. 10 Trench 11, pit 1101 sectioned

Key:	Fig. No:	9-10	Revision:	A	Client:	Miller Homes
	Title:					
	Project:	Land adjacent to Orchardfield, East Linton, East Lothian				
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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