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Geophysical Survey

Winchburgh Masterplan Area Block Y Archaeological Evaluation

Report No. 3209

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Illustrations (bound at rear)

Fig. 1 Location plan and trench layout

Fig. 2 General view of Block Y from the north-east

Fig. 3 Trench 11, ditch 1101, west facing section

Fig. 4 Trenches 32 and 33, furrow curving to the south

Fig. 5 Trench 31, furrow 3111 east facing section

1. INTRODUCTION

1.1 General

This report presents the results of an archaeological evaluation undertaken by CFA Archaeology Ltd (CFA) in August 2014 within the Winchburgh Masterplan Area (Block Y and road junction improvements requiring land take in Blocks CC and DD) (NGR: NT 0908 7559, Fig. 1). The work was commissioned by Sigma Capital Group Ltd on behalf of Regenco Ltd.

1.2 Background

The Winchburgh Masterplan Area has been granted Planning Permission in Principle (Ref. No.1012/P/05). An environmental statement including a full desk-based assessment was prepared for the masterplan application.

A Written Scheme of Investigation (WSI) dated 22 July 2014 was produced by CFA covering the evaluation of Block Y of the Masterplan Area. The WSI was designed to meet the requirements of the West of Scotland Archaeology Service (WoSAS) and was approved by them prior to starting.

Block Y lies immediately to the north of Block AA, where a prehistoric ditched enclosure was located during an evaluation in 2013 (Glendinning 2013) and this was excavated in 2014 (Savory 2014).

1.3 Objectives

The objectives of the project were:

- To establish the presence/absence, extent, condition, character, quality and date of any archaeological features or deposits within the proposed development area through trial trenching evaluation
- To establish the vulnerability of any archaeological features to the proposed development
- To propose mitigation measures where appropriate to avoid, reduce or offset any predicted negative impacts on the archaeological resource.

2. WORKING METHODS

2.1 General

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

An 8% trial trenching evaluation was required in the areas available for evaluation in Block Y (3843m²) and in the affected parts of Blocks CC and DD (353m²). The area available was affected by the presence of a High Pressure Gas Main and other services and a small part of the southeastern edge of Block Y was unavailable as this was fenced off and contained within the adjacent construction site.

In the end forty-four trenches (Trenches 1-44), covering 3923m², were excavated in Block Y and eight trenches (Trenches 45-52) covering 360m² were excavated in the access to Blocks CC and DD (Fig. 1).

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.

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

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

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

3. ARCHAEOLOGICAL RESULTS

3.1 General

Appendix 1 contains a tabulated summary of all the trenches. The remainder of the site records are described in Appendices 2-4.

Forty-four trenches (Fig. 1) were excavated within Block Y to the west of the B8020. Eight trenches (Fig. 1) were excavated in the access to Blocks CC and DD to the east of the B8020.

The topography of Block Y was varied (Fig. 2). A low knoll was present in the western part of the site and along the southern boundary the ground rose gently towards the location of the ditched enclosure excavated in 2014. The central part of the site was low-lying. A deep drainage ditch bisected the area south to north. The evaluation area in Blocks CC and DD lay on a gentle north-facing slope. Topsoil in both areas was generally 0.3m deep, with a clayey-silt agricultural subsoil being present over much of the site. Natural substrate varied widely but in general consisted of sandy clay and clayey sands, with frequent cobbles of sandstone and shale.

No features of archaeological significance were identified. What may be a boundary ditch was identified in Trench 11 (Fig. 3). Furrows from relict rig-and-furrow cultivation were identified in 24 of the 52 trenches (Figs. 1, 4 & 5).

A modern system of drains including both ceramic and rubble types was also present. All of the field drains post-dated the abandonment of the rig-and-furrow cultivation.

Plough scarring of the natural geology was widespread, especially on the raised ground at the western side of the site.

3.2 Evaluation

Trench 11

In Trench 11, a linear ditch feature (**1101**) was recorded (Fig. 3). Aligned east to west, the feature was 1.05m in width and 0.6m in depth. The sides were steep and the base flat. The single fill (**1102**) was a sterile mixture of clay and a few stones. The in-filled feature had been cut by clay-piped field drains. No finds were recovered.

Rig-and-Furrow, Trenches 3, 14, 15, 18, 20, 22, 25, 26, 28, 30, 31, 32, 33, 34, 35, 37, 38, 40, 41, 42, 43, 44, 50 51

All of the twenty-four trenches above contained the negative elements of rig and furrow cultivation. Where multiple furrows were identified in a single trench they tended to exhibit a similar wavelength (centre to centre) and although this wavelength varied from trench to trench it was generally between 6m and 7m. The surviving furrows varied in width from 1.5m to 4.5m and their alignments varied between north-south and east-west.

4. CONCLUSIONS

Fifty-two trenches were excavated amounting to 4283m² or slightly greater than 8% of the areas evaluated.

No features of archaeological significance were identified. Cultivation furrows were identified in around half of the trenches. There was no evidence that the rig-and-furrow cultivation was of more than one phase. It is likely that the identified changes in alignment related to the natural topography of the area. The wavelength was suggestive of a post-medieval date. The ditch (**1101**) recorded in Trench 11 was most likely to be the remains of a field boundary or have some other association with the agricultural use of this area. It predated the insertion of the clay pipe field drains so it may be of a similar antiquity to the rig-and-furrow cultivation traces.

Based on the results of the evaluation CFA recommend no further work be undertaken. However, it is understood that the final decision rests with WoSAS on behalf of the planning authority.

The project archive, comprising all CFA record sheets, maps and reports will be deposited with the Royal Commission on the Ancient and Historical Monuments of Scotland (RCAHMS) and copies of reports will be lodged with the West Lothian Sites and Monuments Record.

A summary statement of the results from all of the evaluations stemming from the Winchburgh Masterplan will be submitted for publication in *Discovery and Excavation in Scotland (Appendix 5)*. An online OASIS entry will also be completed.

5. REFERENCES

Carruthers, G 2014 *Winchburgh Masterplan Area Blocks Q1 and Q3. Archaeological Evaluation*. CFA Archaeology Ltd Data Structure Report No. 3178.

Glendinning, B 2013 *Winchburgh Masterplan Area Block AA. Archaeological Evaluation*. CFA Archaeology Ltd Data Structure Report No. 3004.

Savory, G 2014 *Block AA, Winchburgh Masterplan, Beatlie Road, Winchburgh, West Lothian. Archaeological Excavation*. CFA Archaeology Ltd Data Structure Report No. 3098.

APPENDIX 1: Summary of Evaluation Trenches

Trench No.	Size (m)	Depth of topsoil	Features
1	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Rubble field drain
2	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Rubble field drain
3	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Rubble field drain, rig and furrow
4	50 x 1.8	0.3m topsoil / 0.2m subsoil	Rubble field drain
5	50 x 1.8	0.3m topsoil	Clay pipe and rubble field drains
6	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains
7	50 x 1.8	0.3m topsoil	
8	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Rubble field drain
9	50 x 1.8	0.3m topsoil	Clay pipe and rubble field drains
10	50 x 1.8	0.3m topsoil	Clay pipe and rubble field drains
11	50 x 1.8	0.3m topsoil	Linear ditch (1101), Clay pipe and rubble field drains
12	50 x 1.8	0.3m topsoil / 0.2m of subsoil	Clay pipe and rubble field drains
13	50 x 1.8	0.3m topsoil	
14	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe field drains, rig-and-furrow
15	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig-and-furrow
16	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains
17	50 x 1.8	0.3m topsoil / 0.3m of subsoil	Rubble field drain.
18	50 x 1.8	0.3m topsoil	Clay pipe field drains, rig and furrow
19	50 x 1.8	0.3m topsoil	Clay pipe field drains
20	50 x 1.8	0.4m topsoil	Clay pipe field drains, rig-and-furrow
21	50 x 1.8	0.3m topsoil	
22	50 x 1.8	0.3m topsoil / 0.2m of subsoil	rig-and-furrow, Clay pipe and rubble field drains,
23	50 x 1.8	0.3m topsoil / 0.2m of subsoil	Rubble field drains
24	50 x 1.8	0.3m topsoil / 0.3m of subsoil	
25	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig-and-furrow
26	50 x 1.8	0.3m topsoil	Rig and furrow
27	50 x 1.8	0.3m topsoil	Rubble field drain, no archaeological remains
28	50 x 1.8	0.3m topsoil	Rig and furrow, Clay pipe and rubble field drains
29	50 x 1.8	0.3m topsoil	Clay pipe field drains, no archaeological remains
30	50 x 1.8	0.3m topsoil	Rubble field drain, rig-and-furrow
31	50 x 1.8	0.3m topsoil	Rig-and-furrow
32	50 x 1.8	0.3m topsoil	Rig-and-furrow
33	50 x 1.8	0.3m topsoil	Clay pipe field drains, rig-and-furrow
34	50 x 1.8	0.3m topsoil	Rig-and-furrow
35	50 x 1.8	0.3m topsoil	Rig and furrow
36	50 x 1.8	0.3m topsoil	Clay pipe and rubble field drains
37	50 x 1.8	0.3m topsoil	Rig and furrow
38	50 x 1.8	0.3m topsoil	Rig and furrow

Trench No.	Size (m)	Depth of topsoil	Features
39	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig-and-furrow
40	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig and furrow
41	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig and furrow
42	50 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig-and-furrow
43	58 x 1.8	0.3m topsoil / 0.1m of subsoil	Clay pipe and rubble field drains, rig-and-furrow
44	35 x 1.8	0.3m topsoil	Rig and furrow
45	30 x 1.5	0.3m topsoil	Clay pipe field drain
46	30 x 1.5	0.3m topsoil	Clay pipe field drain
47	30 x 1.5	0.3m topsoil	Clay pipe and rubble field drains
48	30 x 1.5	0.3m topsoil	
49	30 x 1.5	0.3m topsoil	Clay pipe and rubble field drains
50	30 x 1.5	0.3m topsoil	Clay pipe and rubble field drains, rig-and-furrow
51	30 x 1.5	0.3m topsoil	Clay pipe and rubble field drains, rig-and-furrow
52	30 x 1.5	0.3m topsoil	Rubble field drains

APPENDIX 2: Context Register

Context	Fill of	Trench	Description
301		13	Cut for furrow
302	301	13	Grey-brown sandy clay-silt with occasional small gravel
1101		11	Cut for linear ditch
1102	1101	11	Mottled yellow and grey clay-silt with occasional stones
1401		14	Cut for furrow
1402	1401	14	Mid grey-brown sandy clay-silt with occasional small gravel
1403		14	Cut for furrow
1404	1403	14	As 1402
1405		14	Cut for furrow
1406	1405	14	As 1402
1407		14	Cut for furrow
1408	1407	14	As 1402
1409		14	Cut for furrow
1410	1409	14	As 1402
1501		15	Cut for furrow
1502	1501	15	As 1402
1503		15	Cut for furrow
1504	1503	15	As 1402
1801		18	Cut for furrow
1802	1801	18	As 1402
2001		20	Cut for furrow
2002	2001	20	As 1402
2003		20	Cut for furrow
2004	2003	20	As 1402
2201		22	Cut for furrow
2202	2201	22	Orange mottles and brownish-grey clay-silt, merges into 2203 above
2203	2201	22	Yellow flecked grey clay-silt s
2501		25	Cut for furrow
2502	2501	25	Orange grey-brown clay-silt with occasional small stones
2503		25	Cut for furrow
2504	2503	25	As 2502
2505		25	Cut for furrow

Context	Fill of	Trench	Description
2506	2505	25	As 2502
2507		25	Cut for furrow
2508	2507	25	As 2502
2509		25	Cut for furrow
2510	2509	25	As 2502
2601		25	Cut for furrow
2602	2601	25	Yellow-brown clay-silt with occasional stones
2801		28	Cut for probable furrow
2802	2801	28	As 2602
2803	2801	28	Stone concentration contained within 2802
2804		28	Cut for probable furrow
2805	2804	28	As 2602
3001		30	Cut for furrow
3002	3001	30	Yellow-orange-brown clay-silt
3003		30	Cut for furrow
3004	3003	30	As 3002
3005		30	Cut for furrow
3006	3005	30	As 3002
3007		30	Cut for furrow
3008	3007	30	As 3002
3009		30	Cut for furrow
3010	3009	30	As 3002
3011		30	Cut for furrow
3012	3011	30	As 3002
3013		30	Cut for furrow
3014	3013	30	As 3002
3101		31	Cut for furrow
3102	3101	31	As 3002
3103		31	Cut for furrow
3104	3103	31	As 3002
3105		31	Cut for furrow
3106	3105	31	As 3002
3107		31	Cut for furrow
3108	3107	31	As 3002
3109		31	Cut for furrow
3110	3109	31	As 3002
3111		31	Cut for furrow
3112	3111	31	As 3002
3113		31	Cut for furrow
3114	3113	31	As 3002
3201		32	Cut for furrow
3202	3201	32	As 3002
3203		32	Cut for furrow
3204	3203	32	As 3002
3205		32	Cut for furrow
3206	3205	32	As 3002
3207		32	Cut for furrow
3208	3207	32	As 3002
3209		32	Cut for furrow
3210	3209	32	As 3002
3211		32	Cut for furrow
3212	3211	32	As 3002
3301		33	Cut for furrow
3302	3301	33	As 3002
3303		33	Cut for furrow
3304	3303	33	As 3002
3305		33	Cut for furrow

Context	Fill of	Trench	Description
3306	3305	33	As 3002
3307		33	Cut for furrow
3308	3307	33	As 3002
3401		34	Cut for furrow
3402	3401	34	As 3002
3403		34	Cut for furrow
3404	3403	34	As 3002
3501		35	Cut for furrow
3502	3501	35	As 3002
3503		35	Cut for furrow
3504	3503	35	As 3002
3701		37	Cut for furrow
3702	3701	37	As 3002
3801		38	Cut for furrow
3802	3801	38	As 3002
3803		38	Cut for furrow
3804	3803	38	As 3002
3805		38	Cut for furrow
3806	3805	38	As 3002
3901		39	Cut for furrow
3902	3901	39	As 3002
3903		39	Cut for furrow
3904	3903	39	As 3002
4001		40	Cut for furrow
4002	4001	40	Orange-grey-brown clay-silt with occasional stones
4003		40	Cut for furrow
4004	4003	40	As 4002
4005		40	Cut for furrow
4006	4005	40	As 4002
4101		41	Cut for furrow
4102	4101	41	As 4002
4103		41	Cut for furrow
4104	4103	41	As 4002
4105		41	Cut for furrow
4106	4105	41	As 4002
4107		41	Cut for furrow
4108	4107	41	As 4002
4201		42	Cut for furrow
4202	4201	42	As 4002
4203		42	Cut for furrow
4204	4203	42	As 4002
4205		42	Cut for furrow
4206	4205	42	As 4002
4301		43	Cut for furrow
4302	4301	43	As 4002
4303		43	Cut for furrow
4304	4303	43	As 4002
4305		43	Cut for furrow
4306	4305	43	As 4002
4307		43	Cut for furrow
4308	4307	43	As 4002
4401		44	Cut for furrow
4402		44	As 4002
4403		44	Cut for furrow
4404		44	As 4002

Context	Fill of	Trench	Description
Blocks CC/DD			
5001		50	Cut for furrow
5002		50	Mottled grey-yellow clay-silt with very occasional stones
5003		50	Cut for furrow
5004		50	As 5002
5101		51	Cut for furrow
5102		51	As 5002
5103		51	Cut for furrow
5104		51	As 5002
5105		51	Cut for furrow
5106		51	As 5002

APPENDIX 3: Photographic Register

Photo No.	Contexts/Description	Taken From	Conditions
0-3	Panorama of Block Y from the southern boundary	S	Sunny
4-7	1817 date stone in the bridge over the B8020	W	Overcast
8-9	Panorama of Block Y from the southern boundary	NE	Bright
10-13	Panorama of Block Y from the southern boundary	W	Overcast
14	Trench 1, general view	S	Overcast
15	Trench 2, general view	S	Overcast
16	Trench 3, furrow 301-2	N	Overcast
17	Trench 3, general view	N	Overcast
18	Trench 4, general view	N	Overcast
19	Trench 4, topsoil section at N end	S	Overcast
20	Trench 4, soil section in mid trench	W	Overcast
21	Trench 5, general view	N	Overcast
22	Trench 5, clay piped field drain with flat side up	W	Bright
23	Trench 6, general view	W	Overcast
24	Trench 7, general view	S	Overcast
25	Trench 7, whinstone boulder	S	Overcast
26	Trench 8, general view	WSW	Overcast
27	Trench 8, soil section, WSW end	ENE	Overcast
28	Trench 8, quarried stone field drain	SE	Overcast
29	Trench 9, general view	SSE	Overcast
30	Trench 9, clay piped field drain with collars	W	Overcast
31	Trench 10, general view	NW	Overcast
32	Trench 12, general view	W	Overcast
33	Trench 13, general view	E	Overcast
34	Trench 13, variable natural subsoil	E	Overcast
35	Trench 14, soil section at W end	N	Overcast
36	Trench 14, general view	W	Overcast
37	Trench 14,	W	Overcast
38-39	Trench 14, general view	E	Overcast
40-42	Trench 15, clay piped field drain with collars	ENE	Overcast
43	Trench 15, general view	SE	Overcast
44	Trench 11, general view	NE	Sun/Shade
45	Trench 11, ditch 1101 showing water filled clay-piped drain cutting upper fill in foreground	E	Sun/Shade
46-47	Trench 11, ditch 1101 section	W	Sun/Shade
48	Trench 19, general view	SSW	Sun/Shade
49	Trench 19, general view	NNE	Sun/Shade
50	Trench 18, general view	NE	Sun/Shade
51	Trench 18, furrow 1801-2 at NE end	SW	Sun/Shade
52	Trench 20, general view	SW	Sun/Shade

Photo No.	Contexts/Description	Taken From	Conditions
53-54	Trench 14, furrow 1407-8 and clay-piped drain section	S	Sun/Shade
55	Trench 14, furrow 1407-8 and clay-piped drain section	N	DeepShade
56-59	Trench 17, layers at WNW end	SSW	Sunny
60	Trench 17, general view	W	Sunny
61	Trench 16, general view	WNW	Sunny
62	Working shot	ESE	Sun/Shade
63	Trench 21, general view	WNW	Sun/Shade
64	Trench 21, general view	SE	Sun/Shade
65	Trench 21, soil section WNW end	N	Sun/Shade
66	Trench 22, general view	E	Sun/Shade
67-68	Trench 22, furrow 2201-3 section	N	Sun/Shade
69-70	Trench 23, general view		Sun/Shade
71-72	Trench 24, general view	W	Sun/Shade
73	Trench 25, general view	WSW	Overcast
74-75	Trench 25, furrows 2501, 2503 at WSW end cut by stone filled field drain	ENE	Overcast
76-77	Trench 26, general views	SSE	Bright
78	Trench 27, general view	SSE	Sunny
79	Trench 27, general view	WNW	Sunny
80	Working shot	-	Sunny
81	Trench 28, general view	E	Sun/Shade
82	Trench 28, furrow 2801 pre-ex	E	Sun/Shade
83-84	Trench 29, general view and natural sand in mid trench	ENE	Sun/Shade
85-86	Trench 28, furrow 2801 section	S	Sun/Shade
87	Trench 28, furrow 2801, stones 2803	E	Sun/Shade
88-90	Trench 28, furrow 2804	S	Sun/Shade
91	Trench 30, general view	N	Overcast
92	Trench 30, stone drain cutting furrow 3003	NNW	Overcast
93	Trench 31, general view	N	Overcast
94	Trench 31, furrow 3111-2	NE	Overcast
95	Trench 32, general view	S	Overcast
96-97	Trench 32, furrows 3209, 3211	SSE	Overcast
98	Trench 33, N-S furrows at W end	E	Overcast
99-100	Trench 33, curving furrow 3301 (=3209) at E end	E	Overcast
101	Trench 34, general view	W	Overcast
102	Trench 34, furrows at W end	W	Overcast
103-104	Trench 35, general views	E	Overcast
105-106	Trench 36, general view and stone-holes/plucking at W end	W	Bright
107	Trench 37, general view	S	Overcast
108-109	Trench 37, furrow 3701	S & SSE	Overcast
110-113	Trench 31, furrow 3111 section	Various	Overcast
114-115	Trench 38, general views including furrows 3801, 3803	S	Overcast
116	Trench 38, furrow 3805	S	Overcast
117	Trench 39, general view	WSW	Overcast
118	Trench 39, ditch/furrow 3901	WSW	Overcast
119	Trench 39, ditch/furrow 3901	W	Overcast
120-121	Trench 35, furrow 3503 section	S	Overcast
122	Trench 40, general view	NE	Overcast
123	Trench 40, furrow 4001 at SW end	NE	Overcast
124	Trench 40, furrow 4003 in mid trench	SW	Overcast
1250126	Trench 40, furrow 4003 in mid trench	NE	Overcast
127	Trench 40, general view, ranging rods on furrow	SW	Overcast

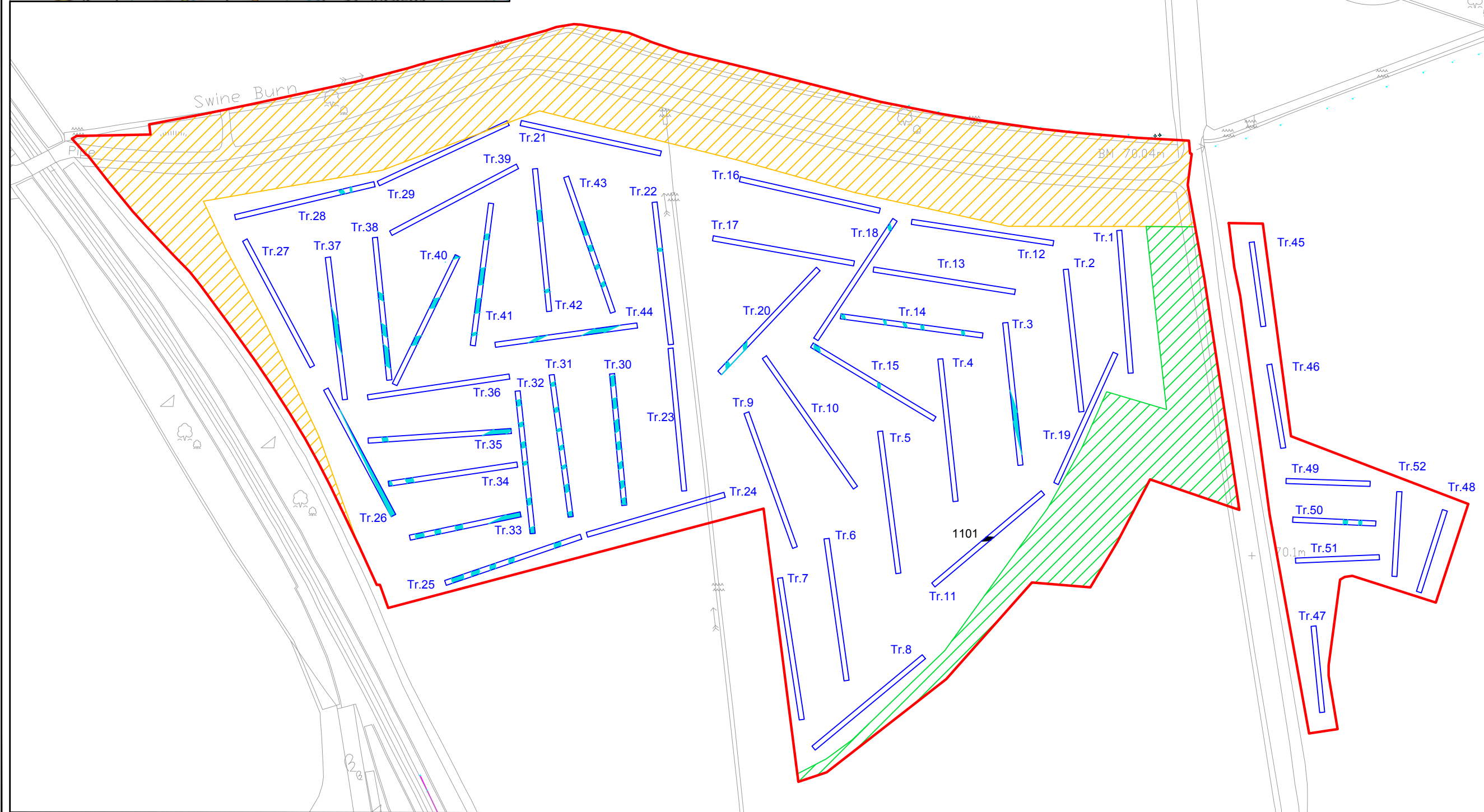
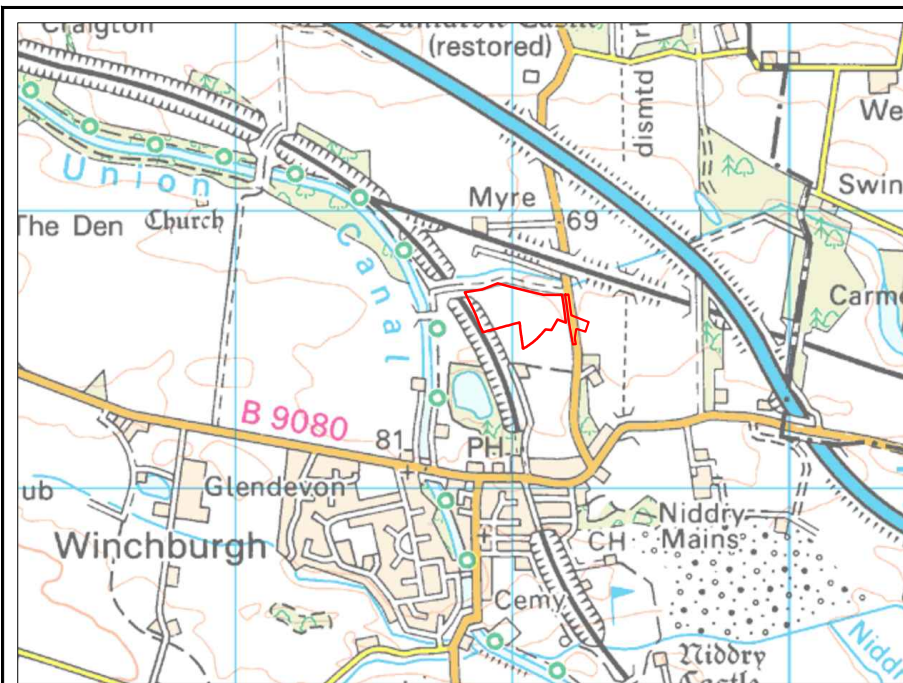
Photo No.	Contexts/Description	Taken From	Conditions
	alignment		
128	Trench 41, general view	SSW	Overcast
129	Trench 42, general view	S	Overcast
130	Trench 42, stone filled field drain	SW	Overcast
131	Trench 42, furrow cut by stone filled drain	S	Overcast
132	Trench 42, furrow 4205 at N end	S	Overcast
133	Trench 43, general view	SSE	Overcast
134	Trench 44, general view	E	Overcast
135-137	Trench 41, furrow 4107 and topsoil section	WSW	Overcast
138	Trench 41, furrow 4107 section	NE	Overcast
	Blocks CC & DD		
139	General view of Blocks CC and DD	N	Overcast
140-141	General view of Blocks CC and DD	S	Overcast
142	General view of Blocks CC and DD	SE	Overcast
143	Trench 45, soil profile at W end	E	Overcast
144	Trench 45, clay-piped drian	N	Overcast
145	Trench 45, general view	N	Overcast
146	Trench 46, general view	N	Overcast
147	Trench 46, general view	S	Overcast
148	Trench 47, stone field drain	S	Overcast
149	Trench 47, general view	N	Overcast
150	Trench 48, general view	NNW	Overcast
151-152	Trench 48, shale bedrock at SSE end	NNW	Overcast
153-154	Trench 50, furrow 5001 section S facing	S	Overcast
155-156	Trench 50, general views	E & W	Overcast
157	Trench 50, arch-tiled clay drain cut by one-piece clay drain with flat-side upper	NE	Overcast
158	Trench 50, general view	N	Overcast
159	Trench 51, general view	W	Overcast
160	Trench 52, general view	S	Overcast

APPENDIX 4: Field Drawing Register

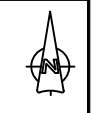
Drawing No.	Sheet No.	Description/Contexts	Section/Plan	Scale
1	1	Trench 14, furrow 1407 cut by clay-piped drain, south facing	Section	1:10
2	1	Trench 14, furrow 1407 cut by clay-piped drain, north facing	Section	1:10
3	1	Trench 22, furrow 2201, east facing	Section	1:20
4	1	Trench 31, furrow 3111 east facing	Section	1:20
5	1	Trench 28, furrow 2801, south facing	Section	1:10
6	1	Trench 35, furrow 3503 south facing	Section	1:20
7	2	Trench 11, ditch 1101 west facing	Section	1:10
8	2	Trench 41, furrow 4107 cut by clay-piped drain west facing	Section	1:20
9	2	Trench 50, furrow 5001, south facing	Section	1:20

APPENDIX 5: Discovery & Excavation in Scotland Entry

LOCAL AUTHORITY:	West Lothian
PROJECT TITLE/SITE NAME:	Winchburgh Masterplan Area. Evaluation of Blocks AA, M, Q1, Q3 and Y
PROJECT CODE:	WINC5
PARISH:	Kirkliston
NAME OF CONTRIBUTOR:	Ian Suddaby
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	
SIGNIFICANT FINDS:	None
NGR	Block AA: NT 0910 7527 Block M: NT 0815 7525 Block Q1 and Q3: NT 0855 7528 Block Y NT 0908 7559
START DATE (this season)	April 2013
END DATE (this season)	September 2014
PREVIOUS WORK (incl. DES ref.)	
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>As part of the ongoing archaeological input to the development of the Winchburgh Masterplan Area, evaluation trenching (covering 8%) was undertaken in three development blocks.</p> <p>In Block AA, to the north of Winchburgh and to the east of the Edinburgh to Glasgow railway line, 63 trenches covering 5309m² were excavated. A double ditched enclosure with a width of around 65m, known from aerial photography, was evaluated. The subsequent excavation of this site is reported on separately.</p> <p>In Block M, 39 trenches covering 3420m² were excavated. No features other than rig-and-furrow were identified.</p> <p>In Blocks Q1 and Q3, 69 trenches covering 6157m² were excavated. A linear boundary ditch and a modern pit were recorded, as was rig-and-furrow.</p> <p>In Block Y trenches covering 6157m² were excavated. A linear boundary ditch and agricultural furrows were all that was identified.</p> <p>In the area forming access to Blocks CC and DD, trenches covering 360m² were excavated. Agricultural furrows were recorded.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Regenco Ltd
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record of Scotland WoSAS Sites and Monuments Record



- Key:**
- Development Area
 - Trenches
 - Other Feature
 - Furrow
 - Unavailable for evaluation due to avoidance of Overhead Powerlines and High Pressure Gas Main
 - Unavailable for evaluation as fenced off



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Fig. No: **1** Report No: **3209**

Title:
Location plan and trench layout

Project:
Winchburgh Masterplan, Block Y

Client:
Sigma Capital Group Ltd per Regenco Ltd

Scale at A3:
1:1500

Drawn by:	Checked:	Date:
LW	LW	09/09/2014

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Fig. 2 - General view of Block Y from the north-east



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Title:
Site photographs

Fig. 2	Report: 3209	Drawn: LW	CKD: LW	Date: 10/09/14
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Client:
Sigma Capital Group Ltd per Regenco Ltd

Project:
Winchburgh Masterplan, Block Y





Fig. 3 - Trench 11, ditch 1101, west facing section



Fig. 4 - Trenches 32 and 33, furrow curving to the south



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Title:
Site photographs

Fig. 3-4	Report: 3209	Drawn: LW	CKD: LW	Date: 10/09/14
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Client:
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Project:
Winchburgh Masterplan, Block Y





Fig. 5 - Trench 31, furrow 3111 east facing section



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Title:
Site photographs

Fig. 5	Report: 3209	Drawn: LW	CKD: LW	Date: 10/09/14
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Client:
Sigma Capital Group Ltd per Regenco Ltd

Project:
Winchburgh Masterplan, Block Y

