

CFA Archaeology Ltd

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Advice on Archaeology & Planning

Environmental Impact Assessment

Interpretation, Design & Display

Finds/ Environmental Analysis

Field Evaluation & Excavation

Historic Building Recording

Site & Landscape Survey

Geophysical Survey

Knocknagael Farm, Inverness

Archive Assessment, Photographic Survey and Archaeological Evaluation

Data Structure Report No. 1991

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Knocknagael Farm, Inverness

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Fig. 2 Pit 003

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Fig. 13 General view of farmstead from south-east

1. INTRODUCTION

1.1 General

This report presents the results of an Archive Assessment, Archaeological Evaluation and Photographic Survey undertaken by CFA Archaeology Ltd (CFA) at Knocknagael Farm, Inverness, (NGR: NH 6591, 4077; Fig. 1) during November and December 2011 for the Bull Stud Farm Modernisation Project. The work was commissioned by the Scottish Government.

The work was carried out in advance of the demolition of the existing farmstead and the construction of a new bull stud facility. A project design for the work was produced by CFA and approved by Kirsty Cameron, Highland Council Historic Environment Team. The required work was a photographic record and a 7% trial trenching evaluation.

1.2 Background

The site is located on gently sloping open ground with a north-westerly aspect, and is centred around a farmstead comprising a farmhouse and associated cottages, and a steading comprising a main east and west range with additional modern sheds. The farmstead is surrounded by pasture fields which are level to gently sloping on the north of the farm and, in places, steeply sloping to the south-east.

1.3 Objectives

The project's objectives were:

- To provide a photographic record of the historic farm buildings.
- 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.
- To propose mitigation measures where necessary.

2. METHODS

2.1 General

CFA follows the Institute for Archaeologists' Standards and Guidance and Code of Conduct.

2.2 Archive Assessment

Historic map coverage for the area was examined together with any other readily available cartographic information on pre-recent land use in the development area. The National Monuments Record of Scotland (NMRS), the Highland Council Sites and Monuments Record (SMR), the Statutory List of Buildings of Special Architectural or Historic Interest and the Inventory of Gardens and Designed Landscapes (through Pastmap), and any other readily available bibliographic sources related to the area were consulted as appropriate.

2.3 Photographic Survey

A comprehensive photographic record was undertaken of all the buildings and structures forming the farmstead.

CFA uses professional level Nikon digital SLR cameras for historic building recording.

2.4 Trial Trenching

Trial trenches totalling an area of 693m² were excavated (Fig. 1), slightly more than the required 7%. All excavation was undertaken by a tracked mechanical excavator fitted with a smooth bladed ditching bucket directed and monitored by an archaeologist down to natural subsoil. All excavation of archaeological features and deposits was undertaken using hand tools.

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.

The positions of trenches were recorded using industry standard electronic surveying equipment.

3. ARCHAEOLOGICAL RESULTS

3.1 Archive Assessment

NMRS Sites

The NMRS does not list any sites within the farm area. The closest recorded sites are to the south in and around the Balrobert area and to the north outside of Culduthel.

The sites to the south located on the east side of Big Burn and are listed in order of proximity to Knocknagael Farm. Balrobert (MHG33853) is a modern cemetery. General Wade's Military Road, Fort William-Fort Augustus (NH63NE51, MHG17872) is a post medieval road from Drumashie Moor. Balrobert Farm has two associated monuments; Balrobert Farm Offices (NH63NE69, MHG25335), a series of undated buildings, and Balrobert Farm (NH63NE1, MHG3475), a lithic working site. Balrobert (NH63NE90, MHG50593) is a scatter of small cairns and at least two hut circles interspersed throughout a field system. Big Burn (NH63NE65, MHG25426) is an undated township.

The closest recorded site to the north is Knocknagael Boar Stone. This Stone (NH64SE25, MHG3788) is an early medieval upright Pictish symbol stone inscribed with a wild boar and mirror-case symbol. The stone was removed in 1991 to the foyer of Highland Regional Council Chambers, Glenurquhart Road, Inverness (NH64SE64). Culduthel round barrow (NH64SE71, MHG17655) was recorded to the north-east of the stone but no NMRS report can be found.

Cartographic Sources

The farm is not shown on Moll's 1732 map or on Thomson's map of 1820. Roy's Military Survey (1747-52) shows a number of unnamed settlements between Torbreck and Leys but it is unclear whether any of these are Knocknagael. The surrounding land is shown as under rig-and-furrow cultivation.

The earliest map to show the proposed development area in detail is the Ordnance Survey Six Inch 1st Edition of 1874. This map shows four structures: a large rectangular roofed building around an internal courtyard, with a smaller roofed building and adjacent garden to the north, and two small rectangular outbuildings to the east.

The Ordnance Survey Six Inch 2nd Edition of 1906 shows the large rectangular roofed building with central courtyard and smaller roofed building and adjacent garden but the footprint of these structures is shown in more detail and shows some minor changes from the previous edition. The large rectangular building has a smaller courtyard than depicted on the 1st Edition, and has small outshot projections on the south-east and west elevations. The smaller building with a garden now has a range projecting from the west elevation. The outbuilding closest to these structures remains unchanged but the structure farthest to the east is no longer present.

The most useful historical map is the Ordnance Survey Map 25 Inch 1st Edition (1880) as it depicts the access routes into the farm as well as field boundaries/divisions and enclosures.

By the 1950s, the internal courtyard has been infilled and by the 1960s the Ordnance Survey mapping shows additional buildings added on to the south side of the core range.

Aerial Photography

The 1944 aerial photograph shows the farm layout as being the same as the 1906 OS map.

3.2 Trial Trenches

Thirteen trial trenches were excavated totalling 693m² (Fig. 1). Only those trial trenches containing archaeological remains are described in the narrative below.

Numbers in bold and parentheses are context numbers. Full descriptions of all trial trenches are contained in Appendix 1.

Trenches 1 – 3 were excavated to the north of the farmstead on fairly level ground. Topsoil (**001**) varied from 0.35m to 0.4m deep. It lay directly on top of natural subsoil (**000**) which was stony clay in Trenches 1 and 2 and coarse orange sandy clay in Trench 3.

Trenches 4 – 7 were excavated to the south of the farmstead on level ground at the foot of a steep slope (Fig. 6). Topsoil (**001**) was 0.35m and overlay a deposit of sandy slope-washed silt (**005**) up to 1.2m deep. In Trenches 4 – 6 the slopewash sealed an almost black layer of firmly compacted silt which is most likely a buried soil (**006**) (Fig. 5). Natural subsoil was loose sandy gravel and pebbles with occasional bands of sandy clay.

Trenches 8 – 13 were excavated down the steep slope to the south-east of the development area (Fig. 7). Topsoil (**001**) varied from 0.35m to 0.4m deep. Slope-washed silt (**005**) was present, deeper towards the base of the slope, measuring from 0.1m to 0.8m deep. Natural (**000**) was loose sandy gravel with occasional bands of stony sandy clay.

Clay-piped (**008**) and rubble (**007**) field drains were present in Trenches 1 and 2, and in Trenches 8 to 13.

A stone-built cundy drain (**002**) was exposed in Trench 2, aligned roughly SW to NE. It was cleaned for inspection but was not excavated as it was still functional with a significant flow of clean water inside (Fig. 4). It measured c.0.7m wide and comprised stone sides, presumed to be orthostats, and large well-fitting capstones. The depth from the top of the orthostats to the base of the cundy was 0.2m.

A single pit was revealed in Trench 3. The cut (**003**) was circular and measured 0.68m in diameter and 0.16m deep (Fig. 2-3). It had shallow sloping sides which merged to a

shallow concave base. The fill (004) comprised dark grey to black silt containing infrequent charcoal flecks and occasional small stones, including fire-cracked stones. No finds were recovered. No colour change in the surrounding natural indicating burning was evident.

No other archaeological features or artefacts were discovered.

3.3 Photographic Survey

A comprehensive survey of the primary buildings and outbuildings comprising the farmstead was made (Fig. 8). Representative photographs were taken from a variety of angles to record the character and detail of both the exteriors and interiors of the buildings. Weather and light conditions for photography were adequate to good.

The farmstead comprised a suite of buildings including a west and east range with modern extensions and internal modifications (Fig. 13). An asbestos and aluminium/zinc panel-built Dutch barn was present to the rear of the steading and several modern girder built sheds had been added. A stone built house and outhouse plus two rows of cottages were located to the north of the farmstead although these were not included in the survey.

The west range (Fig. 9-10) comprised a main north-west to south-east aligned stone built range with two outshot extensions to the south-west, one at each end. An additional extension has been built to the rear on the north-west-facing side and the entire south-west-facing side has been enclosed by modern sheds built from girders and breezeblock. The interior of the west range is divided up into small storage units and includes a long byre. A loft is contained within the roof space. The modern sheds at the rear contain large storage areas for cattle feed and wintering pens for the bulls. The original stone-built range appears as part of a quadrangular building on the 1874 edition Ordnance Survey map, although much of this appears to have been since demolished and replaced with the modern sheds, which likely date to the late 20th century.

The east range (Fig. 11-12) comprises a stone-built linear range aligned north-east to south-west. It is divided internally into small sheds and barns, and has been extended to the south-east and south-west by modern girder framed sheds. A linear building is depicted on the 1874 map which may represent this range. The build and materials suggest a similar date of construction to the west range.

Further girder-built sheds and an asbestos and aluminium/zinc panel-built Dutch barn are located to the rear of the farmstead. These structures date to the 20th century.

The photographic survey archive is attached on a CD. The photograph gazetteer and plan showing the locations from where individual photographs were taken is included as Appendix 6 below.

4. CONCLUSION

A programme of archaeological work was carried out at Knocknagael Farm, Inverness in advance of a proposed bull stud farm development. The work comprised an archive assessment, a photographic survey of the farm buildings and a trial trenching evaluation.

The archive assessment indicates the farm to have been built and developed prior to the mid 19th century. With the exception of the Boar Stone which was removed from the vicinity of the farm, no significant archaeological remains are known from the immediate area.

A total of 693m² of trial trenches were excavated, amounting to slightly more than c.7% of the available development site. While the results of the evaluation have shown that the bulk of the evaluated site is likely to be archaeologically sterile, a stone-built cundy drain and a single pit of unknown date were revealed.

A photographic record comprising a comprehensive photographic survey of the exteriors and interiors of the farmstead buildings has been made.

All decisions regarding any further mitigation work rest with Highland Council Historic Environment Team.

A summary statement of the results of the watching brief, will be submitted for publication in *Discovery and Excavation in Scotland 2012* (Appendix 4) and the online OASIS Scotland protocol.

Copies of the report will be lodged with the Highland Council Sites and Monuments Record and the National Monuments Record of Scotland.

5. REFERENCES

Cartographic

Moll, H 1745 The East Part of the Shire of Inverness with Badenoch &c

Ordnance Survey 1874 Six- Inch 1st Edition. Inverness-shire, Sheet XII

Ordnance Survey 1880 25-inch 1st Edition. Inverness Mainland, Sheet XII.13.

Ordnance Survey 1906 6-inch 2nd Edition. Inverness-shire, Sheet XII.

Roy, W 1747-52 Military Survey of Scotland, Highlands.

Thomson, J 1820 Northern Part of Inverness Shire. Southern Part.

APPENDIX 1: Trial Trench Register

Trench No.	Dimensions (m)	Depth to Natural	Archaeological Contexts
1	30 x 1.8	Topsoil 0.4m	
2	28 x 1.8	Topsoil 0.4m	Cundy (002)
3	22 x 1.8 + 5 x 1.8	Topsoil 0.35m	Cut of pit [003], filled by (004)
4	30 x 1.8	Topsoil 0.35m Slopewash/subsoil 0.7m – 1.2m Buried soil 0.2m	
5	30 x 1.8	Topsoil 0.35m Slopewash/subsoil 0.5m – 1m Buried soil 0.2m	
6	30 x 1.8	Topsoil 0.35m Slopewash/subsoil 0m – 0.6m Buried soil 0.2m	
7	30 x 1.8	Topsoil 0.35m Slopewash/subsoil 0.3m – 1.2m	
8	30 x 1.8	Topsoil 0.35m – 0.4m Slopewash/subsoil 0.1m – 0.9m Buried soil 0.2m	
9	30 x 1.8	Topsoil 0.35m – 0.4m Slopewash/subsoil 0.1m – 0.8m Buried soil 0.1m	Clay cylinder drain, Rubble drains
10	30 x 1.8	Topsoil 0.35m – 0.4m Slopewash/subsoil 0.3m – 0.7m	Clay cylinder drain, Rubble drains
11	30 x 1.8	Topsoil 0.35m – 0.4m Slopewash/subsoil 0.1m – 0.5m	Clay cylinder drain, Rubble drains
12	30 x 1.8	Topsoil 0.35m – 0.4m Slopewash/subsoil 0.1m – 0.3m	Rubble drain
13	30 x 1.8	Topsoil 0.4m Slopewash/subsoil 0.2 – 0.4m	

APPENDIX 2: Context Register

Context No.	Trench	Description
000	All	Natural Subsoil
001	All	Topsoil
002	2	Cundy drain
003	3	Cut of small pit
004	3	Fill of 003
005	4 - 13	Slopewash
006	4,5,8	Old ground surface
007	9-12	Rubble drains
008	1,2, 8-12	Clay drains

APPENDIX 3: Trial Trenching Digital Photo Register

Number	Description	From
1	Trench 1	N
2	Cundy (002) in Trench 2	NW
3	Cundy (002) in Trench 2	SW
4	Trench 3	SE
5-6	Pit (003) in Trench 3 pre-ex	NE
7	Pit (003) in Trench 3 section	NE
8	Trench 3 extension	SW
9	Pit (003) in Trench 3 fully excavated	NE
10-11	Trench 4 sondage showing soil profile	S
12	Trench 5 soil profile at east end of trench	S
13	Trench 5	E
14	Trench 6	SE
15	Trench 7	SE
16	Trench 8	SW
17	Clay drain in Trench 9	S
18	Repaired clay drain in Trench 9	S
19	Flooded section across rubble drain in Trench 9	W
20	Trench 9	NE
21	Trench 10	E
22	Trench 11	NE
23	Trench 12	E
24	Trench 13	SE
25	Rubble drain in trench 9	S

APPENDIX 4: Drawings Register

Drawing No.	Sheet No.	Contexts	Description	Scale
1	1	003/004	Plan	1:20
2	1	003/004	Section	1:10

APPENDIX 5: Sample Register

Sample No.	Context No.	Fill of	Description	Volume (l)
1	004	003	Fill of shallow pit with fire cracked stones	5 (50% of context)

APPENDIX 6: Photographic Record

Number	Description	Taken from
1	Sheds off west range	S
2	Sheds off west range	S
3	Sheds off west range	S
4	Sheds off west range	E
5	Sheds off west range	E
6	Sheds off west range	E
7	Sheds off west range	E
8	Sheds off west range	E
9	West range, south spur	E
10	West range, south spur	E
11	West range, south spur	E
12	West range, south spur	E
13	West range general	NE
14	West range general	NE
15	West range general	NE
16	West range general	NE
17	West range general	NE
18	West range WC detail	S
19	West range WC detail	E
20	West range WC detail	E
21	West range WC detail	E
22	West range WC detail	E
23	West range WC detail	E
24	West range WC detail	N
25	West range WC detail	N
26	West range, north-east facing elevation	NE
27	West range, north-east facing elevation	NE
28	West range, north-east facing elevation	NE
29	West range, north-east facing elevation	NE
30	West range, north-east facing elevation	NE
31	West range, north-east facing elevation	NE
32	West range, north-east facing elevation	NE
33	West range, north-east facing elevation	NE
34	West range, north-east facing elevation	NE
35	West range, north-east facing elevation	NE
36	West range, north-east facing elevation	NE
37	West range, north-east facing elevation	NE
38	West range, north-east facing elevation	NE
39	West range, north-east facing elevation	NE
40	West range, north-east facing elevation	NE
41	West range, north-east facing elevation	NE
42	West range, north-east facing elevation	NE
43	West range, north-east facing elevation	NE
44	West range, north-east facing elevation	NE
45	West range, north-east facing elevation	E
46	West range, north-east facing elevation	E
47	West range, north-east facing elevation	NE
48	West range, north-east facing elevation	NE
49	West range, north-east facing elevation	NE
50	West range, north-east facing elevation	NE
51	West range, north-east facing elevation	N
52	N/A	
53	West range, north-east facing elevation	N
54	West range, north-east facing elevation	N

Number	Description	Taken from
55	West range, north-east facing elevation	N
56	West range, north-west facing elevation	N
57	West range, north-west facing elevation	N
58	West range, north-west facing elevation	N
59	West range wall fabric detail, North-east facing elevation	NE
60	West range extension, north-east facing elevation	NE
61	West range extension, north-east facing elevation	NE
62	West range extension, hopper detail	N
63	West range and sheds, north-west facing elevation	NW
64	West range and sheds, north-west facing elevation	NW
65	West range and sheds, north-west facing elevation	NW
66	N/A	
67	West range and sheds, north-west facing elevation	NW
68	West range and sheds, north-west facing elevation	NW
69	West range and sheds, north-west facing elevation	NW
70	West range and sheds, north-west facing elevation	NW
71	West range sheds	S
72	West range sheds	S
73	West range sheds	SE
74	West range sheds	SE
75	West range sheds	SE
76	West range sheds	SE
77	West range general view	E
78	West range general view	E
79	West range general view	E
80	West range general view	E
81	West range, north-east facing elevation, details	NE
82	West range, north-east facing elevation, details	NE
83	West range, north-east facing elevation, details	NE
84	West range, north-east facing elevation, details	NE
85	West range, north-east facing elevation, details	NE
86	West range, north-east facing elevation, details	NE
87	West range, north-east facing elevation, details	NE
88	West range, north-east facing elevation, details	NE
89	West Range, Unit 1 interior	NE
90	West Range, Unit 1 interior	N
91	West Range, Unit 1 interior	SE
92	West Range, Unit 1 interior	SE
93	West Range, Unit 1 interior	SW
94	West Range, Unit 1 interior	NW
95	West Range, Unit 1 interior	SE
96	West Range, Unit 1 interior	SE
97	West Range, Unit 1 interior	SE
98	West Range, Unit 1 interior	W
99	West Range, Unit 1 interior	W
100	West Range, Unit 2 interior	NE
101	West Range, Unit 2 interior	E
102	West Range, Unit 2 interior	SW
103	West Range, Unit 2 interior	NW
104	West Range, Unit 2 interior	N
105	West Range, Unit 3 interior	NE
106	West Range, Unit 3 interior	E
107	West Range, Unit 3 interior	E
108	West Range, Unit 3 interior	SE
109	West Range, Unit 3 interior	SE
110	West Range, Unit 3 interior	SW
111	West Range, Unit 3 interior	NW

Number	Description	Taken from
112	West Range, Unit 4 interior	NE
113	West Range, Unit 4 interior	E
114	West Range, Unit 4 interior	E
115	West Range, Unit 4 interior	SW
116	West Range, Unit 5 interior	NE
117	West Range, Unit 5 interior	NE
118	West Range, Unit 5 interior	E
119	West Range, Unit 5 interior	SW
120	West Range, Unit 6 interior	NW
121	West Range, Unit 6 interior, ceiling detail	
122	West Range, Unit 6 interior	SE
123	West Range, Unit 7 interior	NE
124	West Range, Unit 7 interior	SW
125	West Range, Unit 7 interior	N
126	West Range, Unit 7 interior	E
127	West Range, Unit 8 interior	NW
128	West Range, Unit 8 interior	SE
129	West Range, Unit 8 interior, floor drain detail	
130	West Range, Unit 8 interior	W
131	West Range, Unit 9 interior	NE
132	West Range, Unit 9 interior	NE
133	West Range, Unit 9 interior	NE
134	West Range, Unit 9 interior, stalls detail	E
135	West Range, Unit 9 interior, stalls detail	SE
136	West Range, Unit 9 interior, stalls detail	SE
137	West Range, Unit 9 interior, stalls detail	SE
138	West Range, Unit 9 interior, stalls detail	SE
139	West Range, Unit 9 interior, stalls detail	SE
140	West Range, Unit 9 interior, stalls detail	E
141	West Range, Unit 9 interior, stalls detail	E
142	West Range, Unit 9 interior	S
143	West Range, Unit 9 interior	SW
144	West Range, Unit 9 interior	SW
145	West Range, Unit 9 interior	NW
146	West Range, Unit 9 interior	NW
147	West Range, Unit 9 interior	N
148	West Range, Unit 9 interior, floor detail	NE
149	West Range, Unit 9 interior, floor detail	NE
150	West Range, Unit 9 interior, floor detail	NE
151	West Range, Unit 9 interior, floor detail	NE
152	West Range, Unit 9 interior, roof truss detail	SW
153	West Range, Unit 9 interior	NW
154	West Range, Unit 9 interior	NW
155	West Range, Unit 10 interior	N
156	West Range, Unit 10 interior	SE
157	West Range, Unit 10 interior	S
158	West Range, Unit 10 interior	SE
159	West Range, Unit 10 interior	NW
160	West Range, Unit 10 interior	NW
161	Sheds, stock pens/ West range original exterior walls.	SE
162	Sheds, stock pens/ West range original exterior walls.	E
163	Sheds, stock pens/ West range original exterior walls.	SW
164	Sheds, stock pens/ West range original exterior walls.	SW
165	Sheds, stock pens/ West range original exterior walls.	NW
166	Sheds, stock pens/ West range original exterior walls/ detail of barn loft	NW
167	Sheds, stock pens, roof truss detail	SE
168	Sheds, stock pens, roof truss detail	SE

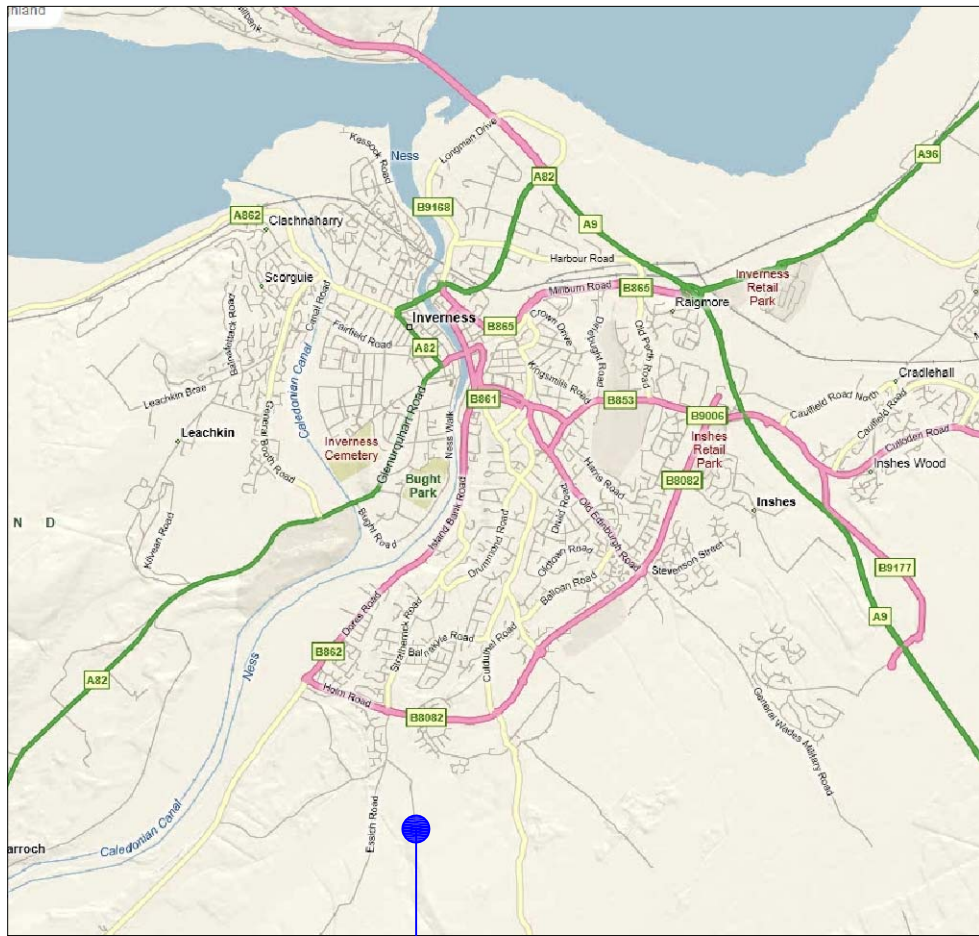
Number	Description	Taken from
169	Sheds, stock pens/ West range original exterior walls.	E
170	Sheds, stock pens/ West range original exterior walls.	E
171	Sheds, stock pens/ West range original exterior walls.	S
172	Sheds, stock pens	W
173	Sheds, stock pens	E
174	Sheds, stock pens, detail of feeding trough	E
175	Sheds, stock pens	N
176	Sheds, stock pens	NE
177	Sheds, stock pens	N
178	Sheds, stock pens	NE
179	Sheds, stock pens	NW
180	West Range, Unit 12 interior	S
181	East range north-east facing elevation	NE
182	East range north-east facing elevation	NE
183	East range, north-west facing elevation	NW
184	East range, north-west facing elevation	NW
185	East range, north-west facing elevation	W
186	East range, north-west facing elevation	NW
187	East range, north-west facing elevation	NW
188	East range, north-west facing elevation	NW
189	East range, north-west facing elevation	NW
190	East range, north-west facing elevation	NW
191	East range, north-west facing elevation	NW
192	East range, north-west facing elevation	NW
193	East range, north-west facing elevation	NW
194	East range, north-west facing elevation	NW
195	East range, north-west facing elevation	NW
196	East range, north-west facing elevation	SW
197	East range, north-west facing elevation	SW
198	East range exterior inside shed showing unrendered wall fabric	NE
199	East range exterior inside shed showing unrendered wall fabric	NE
200	East range exterior inside shed	S
201	East range exterior inside shed	S
202	East range exterior inside shed	S
203	East range exterior inside shed	SW
204	East range exterior inside shed	SW
205	East range exterior inside shed	W
206	East range, south-east elevation	SE
207	East range, south-east elevation	SE
208	East range, south-east elevation	SE
209	East range, south-east elevation	SE
210	East range, south-east elevation	SE
211	East range shed, south-east elevation	N
212	East range, general view	N
213	East range, general view	N
214	East range, Unit 16 interior	SW
215	East range, Unit 16 interior	W
216	East range, Unit 16 interior	NW
217	East range, Unit 16 interior, detail of blocked slit vent	S
218	East range, Unit 16 interior, detail of blocked slit vent	S
219	East range, Unit 16 interior	E
220	East range, Unit 17 interior	NW
221	East range, Unit 17 interior	NE
222	East range, Unit 17 interior	W
223	East range, Unit 17 interior	SE
224	East range, Unit 18 interior	NW
225	East range, Unit 18 interior	SE

Number	Description	Taken from
226	East range, Unit 19 interior	SW
227	East range, Unit 19 interior	SW
228	East range, Unit 19 interior, detail of drinking trough	SW
229	East range, Unit 19 interior	NE
230	East range, Unit 19 interior, detail of drinking trough	NE
231	East range, Unit 20 interior	SW
232	East range, Unit 20 interior	SW
233	East range, Unit 20 interior	S
234	East range, Unit 20 interior	SW
235	East range, Unit 20 interior	NW
236	East range, Unit 20 interior	NW
237	East range, Unit 20 interior	NE
238	East range, Unit 20 interior	NE
239	East range, Unit 20 interior	NE
240	East range, Unit 20 interior	NE
241	East range, Unit 20 interior	SE
242	East range, Unit 20 interior	SE
243	East range, Unit 20 interior, floor detail	NW
244	East range, Unit 20 interior, floor detail	NW
245	East range, Unit 20 interior, floor detail	NW
246	East range, Unit 21 interior	NE
247	East range, Unit 21 interior	SW
248	East range, Unit 21 interior	E
249	East range, Unit 21 interior	N
250	East range, Unit 21 interior	NW
251	East range, Unit 21 interior	NW
252	East range, Unit 21 interior	W
253	East range, Shed interior	NW
254	East range, Shed interior	W
255	East range, Shed interior	S
256	West range shed interior	SE
257	Bale shed and Silo	E
258	Bale shed and Silo	E
259	Bale shed	NE
260	Silo	SE
261	Silo	SE
262	Silo	S
263	Silo	NW
264	East range general view	S
265	West range, Unit 1, steps detail to loft	SW
266	West range, Unit , loft	NE
267	West range, Unit , loft	NE
268	West range, Unit , loft	NE
269	West range, Unit , loft	NE
270	West range, Unit , loft	NE
271	West range, Unit , loft	SE
272	West range, Unit , loft	SE
273	West range, Unit , loft	SW
274	West range, Unit , loft	NW
275	West range, Unit , loft	NW
276	West range, Unit , loft	W
277	West range general view	N
278	West range general view	N
279	West range shed interior	SW
280	West range shed interior	SW
281	East range sheds	NW
282	East range sheds	SW

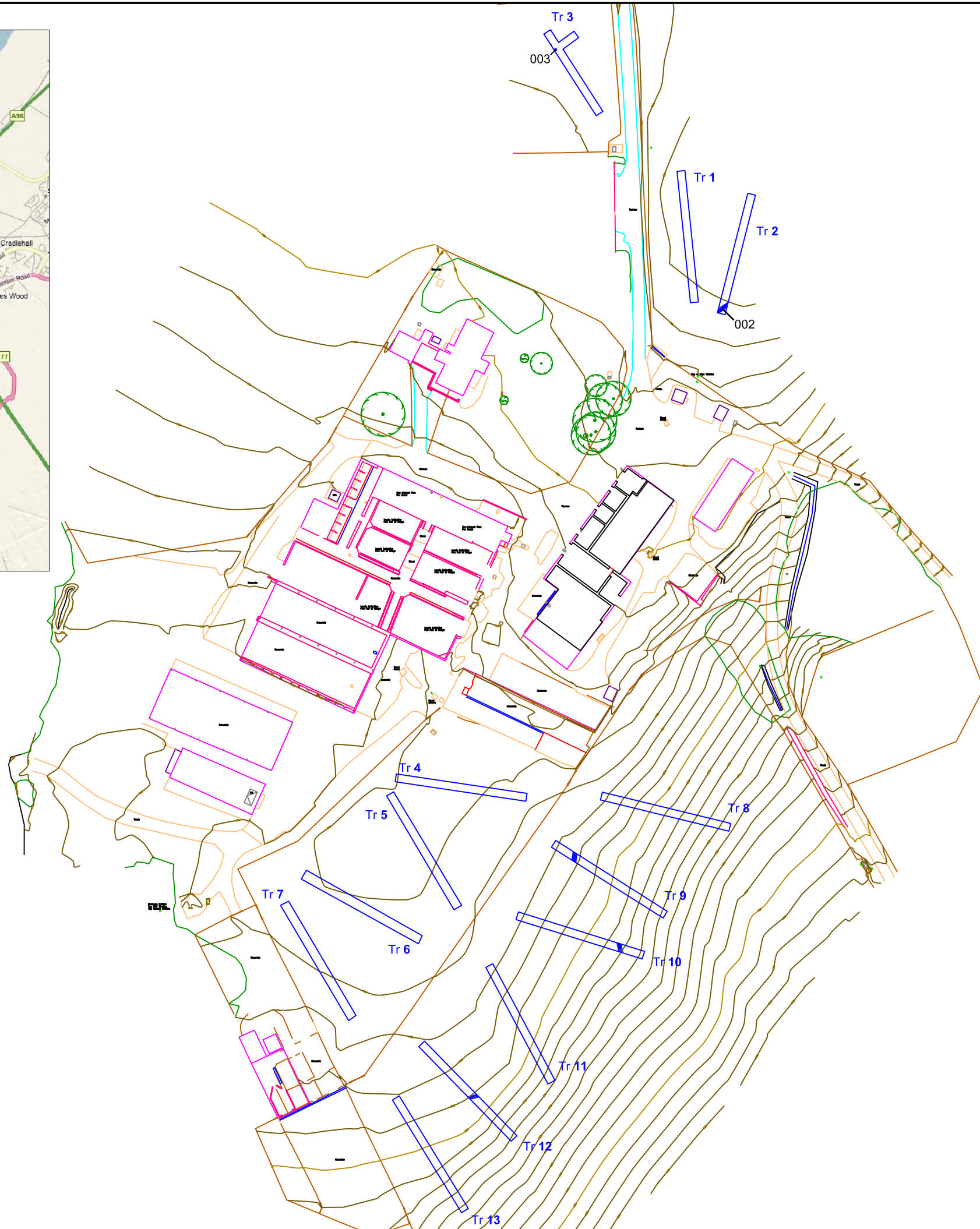
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283	East range sheds	SW
284	General view of farmstead	NE
285	General view of farmstead	NE
286	General view of farmstead	SE
287	General view of farmstead	SE
288	General view of farmstead	SE
289	General view of farmstead	SE
290	General view of farmstead	SE
291	General view of farmstead	SE
292	General view of farmstead	SE
293	General view of farmstead	SW
294	General view of farmstead	SE
295	General view of farmstead	SE
296	General view of farmstead	SE
297	General view of farmstead	SE
298	West Range exterior	SE

APPENDIX 7: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	Highland
PROJECT TITLE/SITE NAME:	Knocknagael Farm
PROJECT CODE:	BULL
PARISH:	Inverness and Bona
NAME OF CONTRIBUTOR:	Stuart Mitchell & Leigh A. Garst
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Photographic Survey, Evaluation
NMRS NO(S):	
SITE/MONUMENT TYPE(S):	Pits
SIGNIFICANT FINDS:	
NGR (2 letters, 8 or 10 figures)	NH 6591 4077
START DATE (this season)	2011
END DATE (this season)	December 2011
PREVIOUS WORK (incl. DES ref.)	-
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>A programme of archaeological works was carried out at Knocknagael Farm for the Bull Stud Modernisation Project.</p> <p>A photographic survey was undertaken of the existing standing buildings on the farmstead.</p> <p>A trial trenching evaluation covered 693m² (7% of the available development area) revealed an isolated shallow pit c.0.68m in diameter and 0l.16m deep and filled with black silt containing several fire-cracked stones.</p>
PROPOSED FUTURE WORK:	-
CAPTION(S) FOR ILLUSTRS:	-
SPONSOR OR FUNDING BODY:	The Scottish Government
ADDRESS OF MAIN CONTRIBUTOR:	CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ.
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS, Reports lodged with SMR and NMRS.



Site Location



Key:

Trial Trenches

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

Fig. No: 1 Revision: A

Title:
 Location map and plan of
 farm showing trial trenches

Project:
 Knocknagael Farm, Inverness

Client:
 The Scottish Government

Scale at A3:
 1:1000



Drawn by: LW Checked: LW Report No: 1991



Fig 2 - Pit 003



Fig 3 - Section of Pit 003


Key:	Fig. No:	2-3	Revision:	A	Client:	The Scottish Government	 <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>
	Title:						
	Project:	Knocknagael Farm					
Drawn by:		LW	Checked:		LW	Report No:	1991



Fig 4 - Cundy in Trench 2



Fig 5 - Soil profile at east end of Trench 5

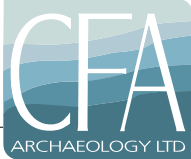

Key:	Fig. No:	4-5	Revision:	A	Client:	The Scottish Government					
	Title:										
	Project:	Knocknagael Farm									
 CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park Musselburgh East Lothian, Eh21 7PQ t: 0131 273 4380 f: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk						Drawn by:	LW	Checked:	LW	Report No:	1991



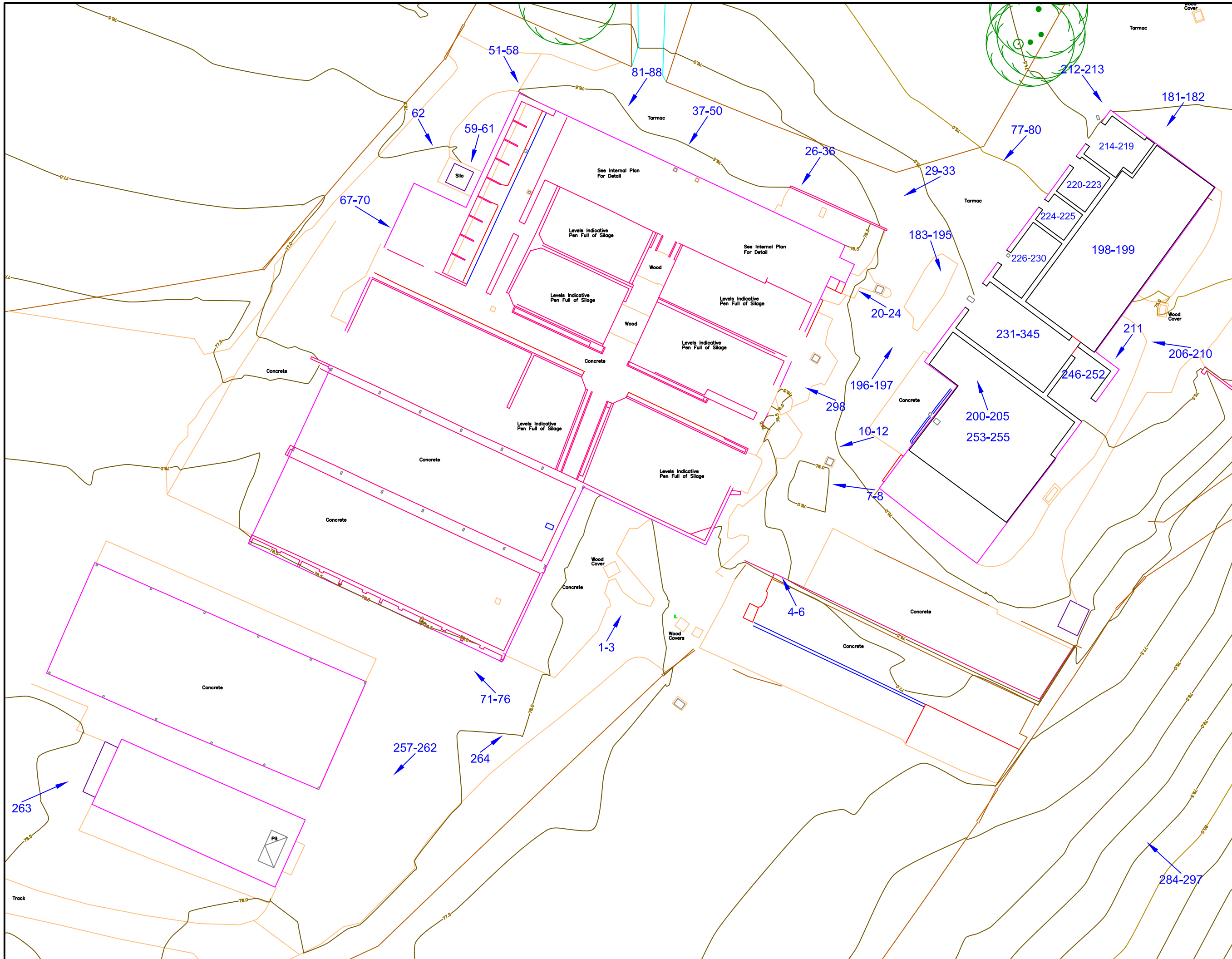
Fig 6 - Trench 7



Fig 7 - Trench 13

Key:	Fig. No:	6-7	Revision:	A	Client:	The Scottish Government	
	Title:						
	Project:	Knocknagael Farm					
						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	
Drawn by:		LW	Checked:		LW	Report No:	1991

Key:



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 f: 0131 273 4381
 e: info@cfa-archaeology.co.uk
 w: www.cfa-archaeology.co.uk

Fig. No: 8a Revision: A

Title:
 Plan showing the location of external photographic record

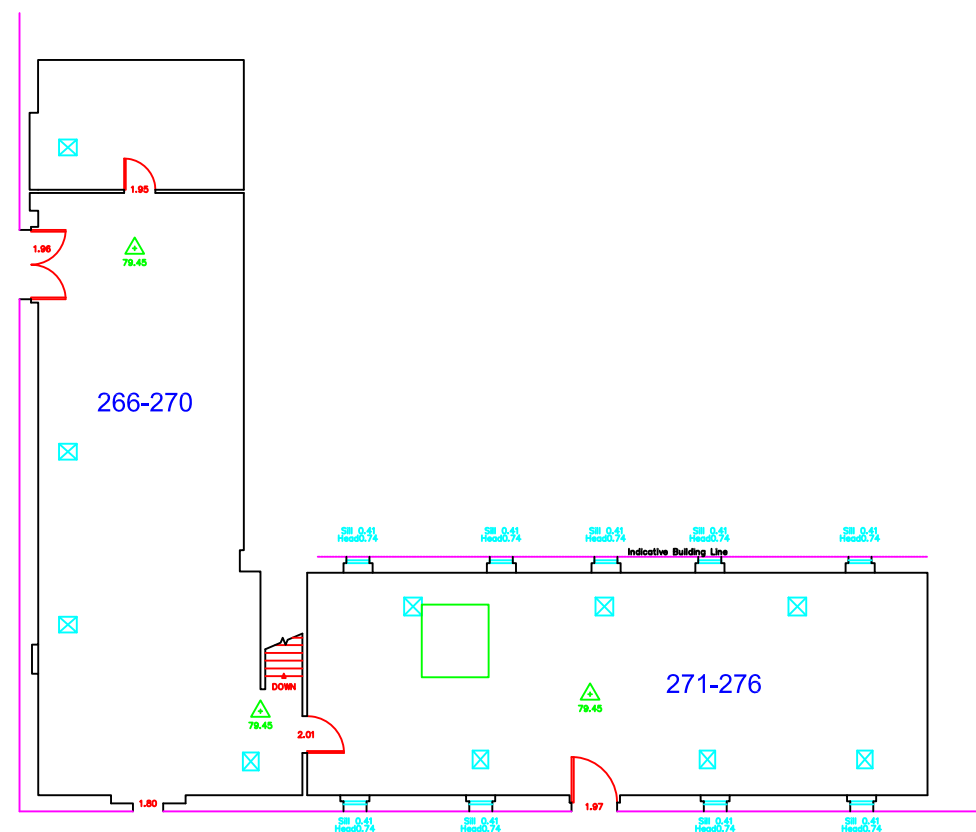
Project:
 Knocknagael Farm, Inverness

Client:
 The Scottish Government

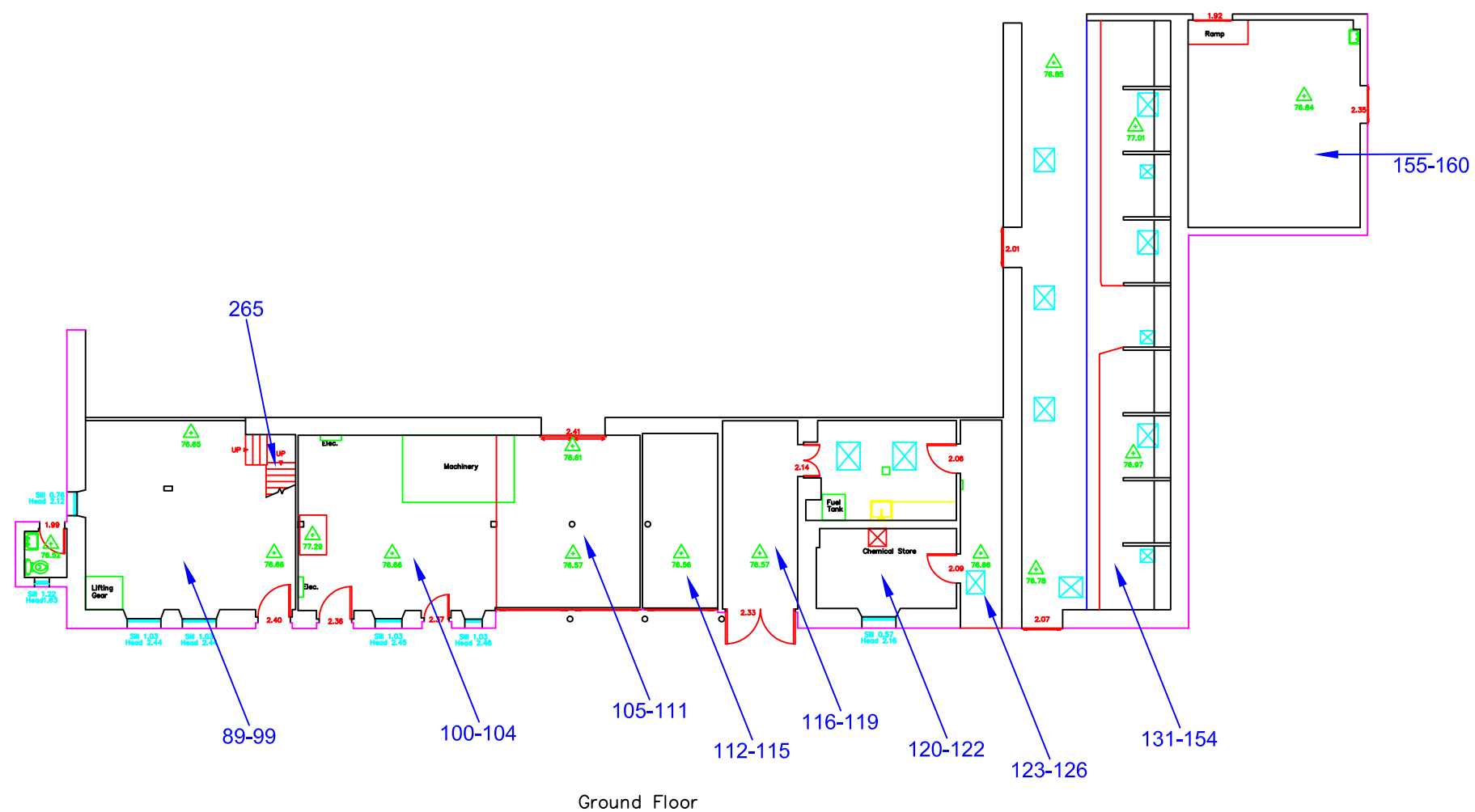
Scale at A3:
 1:350

Drawn by: LW Checked: LW Report No: 1991

Key:



First Floor



Ground Floor

CFA ARCHAEOLOGY LTD
 The Old Engine House
 Eskmills Park
 Musselburgh
 East Lothian, EH21 7PD
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 f: 0131 273 4381
 e: info@cfa-archaeology.co.uk
 w: www.cfa-archaeology.co.uk

Fig. No: 8b Revision: A

Title:
 Plan showing the location of
 internal photographic record

Project:
 Knocknagael Farm, Inverness

Client:
 The Scottish Government

Scale at A3:
 1:350



Drawn by: LW Checked: LW Report No: 1991



Fig 9 - West range from the east



Fig 10 - West range from the north-east

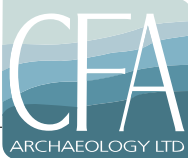
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Drawn by: GC						Checked: LW
						Report No: 1991



Fig 11 - East range from the north



Fig 12 - East range from the south-west

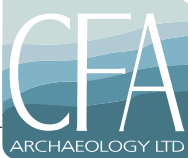
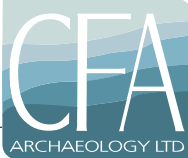
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Drawn by: GC Checked: LW Report No: 1991						



Fig 13 - General view of the farmstead from the south-east

Key:	Fig. No: 13	Revision: A	Client: The Scottish Government	 <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>
	Title:			
	Project: Knocknagael Farm			
Drawn by: GC		Checked: LW	Report No: 1991	