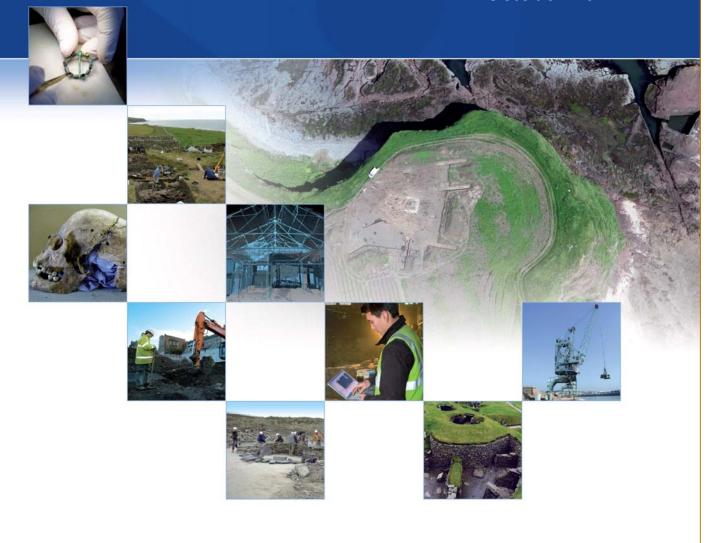
Kelso High School, Kelso, Scottish Borders: Archaeological Evaluation Report

AOC 22895

24th October 2014





Kelso High School, Kelso, Scottish Borders: Archaeological Evaluation Report

On Behalf of: Morrison Construction

Scotland Central, Grange House, Mains Road,

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Grangemouth FK3 8YE

National Grid Reference (NGR): NT 7244 3530

AOC Project No: 22786

Oasis No: aocarcha1-193465

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

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Summary

An archaeological evaluation was required by Morrison Construction Ltd, on behalf of their client prior to the construction of a new High School, at Kelso, Scottish Borders, as part of a condition of the planning consent for the development.

The evaluation comprised the machine excavation of forty-four linear trenches between 2.00 m and 2.40 m wide. A total of 7,071 m² was evaluated which equated to a c.10.8% sample of the available development area. The recorded remains are considered to be of a fairly modern date, relating to cultivation, changes in field boundaries and/or agricultural improvements, none of which are considered significant.

1 INTRODUCTION

1.1 Project Background

1.1.1 An archaeological evaluation was required by Morrison Construction Ltd prior to the construction of a new High School, at Kelso, Scottish Borders. The work was required in response to a planning condition set by Scottish Borders Council. The works were conducted according to the terms of a *Written Scheme of Investigation* (AOC 2014) approved by Scottish Borders Council and in accordance with the principles set out in *Scottish Planning Policy* (Scottish Government 2010) and PAN 2/2011 Planning and Archaeology (Scottish Government 2011), in order to determine the nature of any archaeological remains within the proposed area.

1.2 Site Location

- 1.2.1 The proposed development area comprises farmland to the north of Kelso, Scottish Borders (NGR NT 7244 3530). The development is bounded by farmland to the northwest and south-west, Kelso Racecourse to the north-west and residential developments to the south-east (Figure 1).
- 1.2.2 The development area comprises 7.56 ha of greenfield land. Scottish Borders Council has requested that the site be subject to a 10% evaluation, equating to a minimum of 7,560 m².

1.3 Archaeological Background

- 1.3.1 There are no known archaeological features or find spots recorded within the proposed development area. Study of the aerial photographs ranging in date from 1945 to 1989 indicate that only structures visible are small square structures, which appear to be for livestock feeding (e.g. Sortie OS/75/031, Frame 024, where livestock surround such a feature in the south-west field). Although the images occasionally show parching of the ground, with a south-east/north-west ridge line apparent as a darker area, and numerous livestock and vehicle tracks, there are few signs of possible archaeological cropmarks. In the west of the south-western field dark marks of two connected ovals could feasibly represent enclosures, though a geological origin is perhaps more likely (Sortie ASS/60789, Frame 122, dated 1989) A light square mark is visible on images from 1988 (Sortie ASS/51688, Frame 185) in the north of the north-east field. However, this feature follows the same alignments as the surrounding field boundaries, and may represent relatively recent activity. Neither of these features is visible over multiple years.
- 1.3.2 Ordnance survey maps indicate that the area has been open land, divided into north-west/south east aligned fields since at least the mid 19th century, where the First Edition Ordnance Survey map indicates a similar system of fields to that present today, though with a the site under three parallel fields rather than two. The northern boundary of the burgh has passed west/east across the site at the time of the Second Edition 1:10,560 map of 1899 and the map of 1924. The map of 1924 indicates the division of the site

into two fields as at present. On all these maps the proposed development area is part of a field system bounded by roads labelled 'Nethershot'.

2 OBJECTIVES

- 2.1 The objectives of the watching brief were:
 - i) to determine the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area:
 - ii) to advise and implement an appropriate form of archaeological mitigation, such as excavation, post-excavation analyses and publication, should significant archaeological remains be encountered that cannot be preserved in situ.

3 METHODOLOGY

- 3.1 The archaeological works were carried out 20th 23rdth October 2014. Weather conditions were mainly favourable and good archaeological visibility was maintaied throughout the evaluation. The data gathered from the evaluation is presented as a series of appendicies.
 - *i*) Appendix 1 contains the Trench Register
 - *ii)* Appendix 2 contains the Context Register
 - *ii)* Appendix 3 contains the Photographic Register
 - iii) Appendix 4 contains the 'Discovery and Excavation in Scotland' (DES)report
- 3.2 The ground breaking works were carried out by means of two 360° mechanical excavators equipped with 2.0 m to 2.4 m wide toothless, ditching buckets. A total of fourty-four trenches were excavated, and the total area excavated was 7,071 m², representing a 10.8% sample of the available development area. Excavation was in shallow units/spits which stopped at the first recognisable archaeological horizon or natural. All machine excavation was supervised by an experienced field archaeologist. The trenches were of differing lengths and set on differing orientations (see Appendix 1).
- 3.3 The trenches were laid out evenly over the development area, on various orientations, though two areas in the north-western part of the development area were specifically avoided. These were a 50 m radius area around the location of a badger set, and also a

10 m corridor along the north-western boundary due to the presence of a telecommunications service. This reduced the available area to be evaluated by c. 1 ha.

3.4 A photographic record was maintained during the evaluation (see Appendix 2).

4 RESULTS

- 4.1 The most substantial features recorded during the evaluation were two linear 'ditch' like features. Linear feature [1305] ran virtually all the way through Field A, from Trench A16 along it's north-western edge to Trench A3 towards the south-eastern edge. Linear feature [1301] was located at the north-eastern end of Trench A13 and extended in an south-westerly direction towards [1305], but was not noted to extend beyond it. Both features were similar in size and shape, and in Trench A13 had similar fills. Both also contained modern artefactual material.
- 4.2 Linear feature [1301] was recorded as 1.40 m wide, by 0.40 m deep with steeply sloping sides. Linear feature [1305] was recorded up to 1.60 m wide by 0.60 m deep, with steeply sloping sides. Where these features were recorded in Trench A13, both contained upper and lower fills. Feature [1301] contained [1302] a medium/dark brown silty clay containing pockets of redeposited natural, and [1303] a layer of light grey/brown silty clay, with animal bones and modern glass. [1305] contained [1306] a layer of red/brown silty clay, and [1307] also a red/brown silty clay with modern ceramics, clay pipe frags and animal bone. Where linear feature [1305] was recorded photographically in Trench A8, this feature was noted to be predominately filled with stone, similar to that noted filling adjacent field drains. This was also noted in plan in various trenches.



Plate 1 - Feature [1305] - Trench A9

- 4.2 By far the most common feature recorded during the evaluation were field drains. A combination of both ceramic tile drains and stone filled drains were present in virtually every excavated trench. Also a sub rectangular shallow, stone-filled pit was noted in Trench B5. It was noted that this feature post-dated an adjacent ceramic field drain. A linear feature was recorded in a number of trenches adjacent to the north western edge of Field B. Two slots were dug across this feature from which fragments of modern pottery were retrieved.
- 4.3 At the south-western end of Trench A12 to A15 in Field A, and the northern end of Trenches B11, B12, B14-B18 and B22 in Field B, a series of broad, shallow, linear features were noted, these have been identified as the probable remnants of rig and furrow.



Plate 2 - Possible Rig & furrow remains - Trench A13

Topsoil across the area was recorded as being between 0.21 m and 0.65 m, with numerous fragments of modern pottery noted. The underlying natural was generally a very light brown silty sand, with many small to medium sized rounded stones.

5 CONCLUSIONS

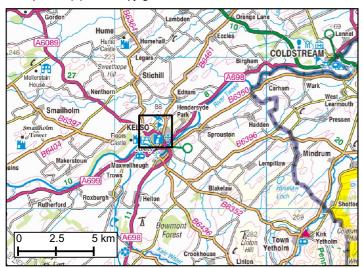
The requirements of the archaeological brief were met, with a greater than required % sample being excavated of the available area. A number of 'cut' features were recorded during the evaluation, virtually all of which produced post-medieval or later artefactual material. These features are almost certainly associated with either changes in the field layout as described above and/or agricultural improvements, none of which are considered significant. Therefore no further archaeological works are considered necessary.

6 REFERENCES

AOC 2014 Kelso High School, Scottish Borders Archaeological Evaluation: Written Scheme of Investigation – Unpublished Client Report

Scottish Government 2010 Scottish Planning Policy.

Scottish Government 2011 PAN 2/2011 Planning and Archaeology.



372000



373000

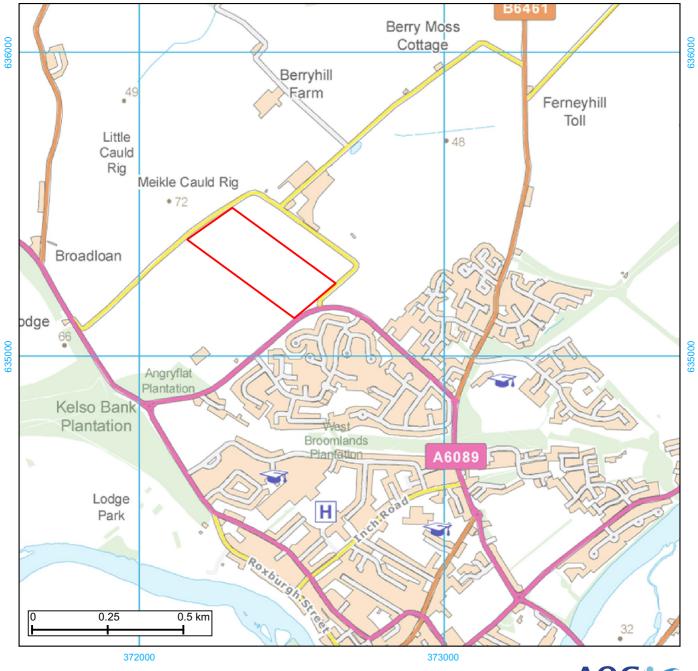
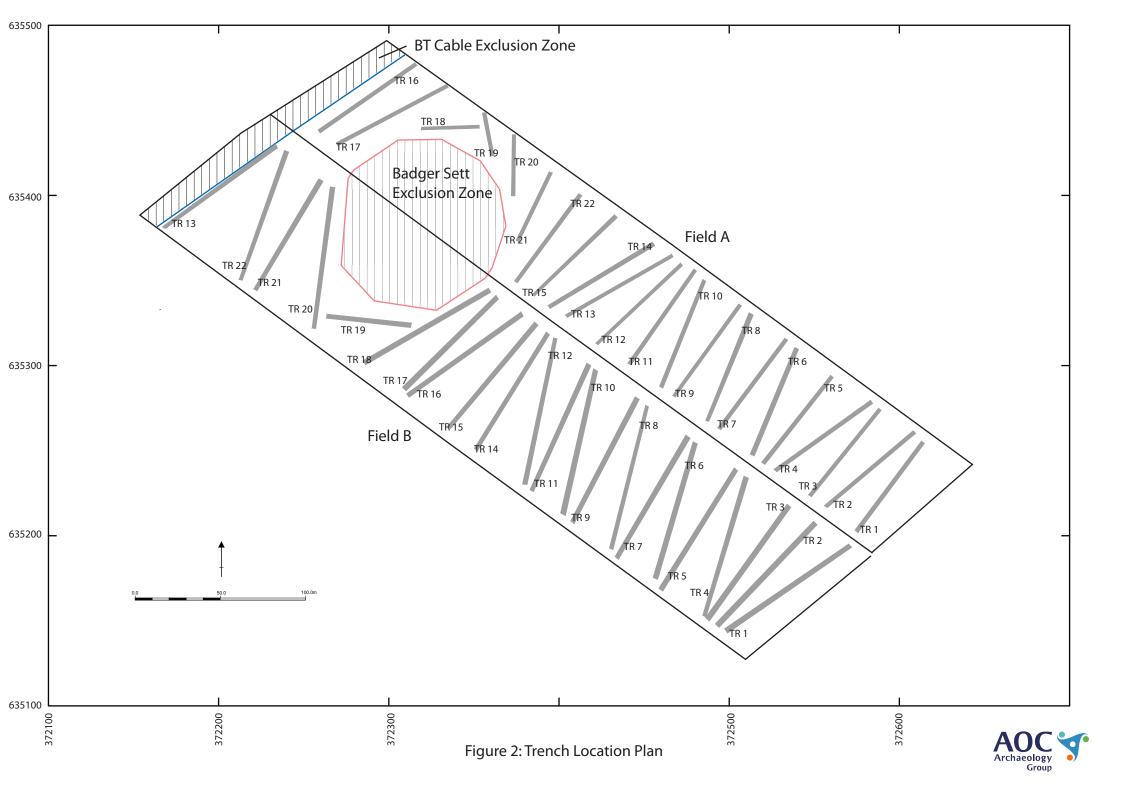


Figure 1: Site location





Kelso High School: Data Structure Report

Section 2: Appendices



APPENDIX 1: Trench Records

Field A:

Trench A1

Length: 68.0 m Width: 2.0 m

Orientation: NNE- SSW
Topsoil depth: 0.25 – 0.40 m

Archaeological features: None

Other features: Field drain x1

Trench A2

Length: 68.5 m

Width: 2.0 m

Orientation: NE - SW

Topsoil depth: 0.25 - 0.30 m

Archaeological features: None

Other features: Field drains x2

Trench A3

Length: 66.0 m
Width: 2.0 m
Orientation: NE-SW

Topsoil depth: 0.30 - 0.40 m

Archaeological features: None

Other features: Field drains x4

Trench A4

 Length:
 68.0 m

 Width:
 2.0 m

 Orientation:
 WSW-ENE

 Topsoil depth:
 0.30 - 0.50 m

Archaeological features: None

Other features: Subrectangular pit, field drains x8

Trench A5

Length: 66.0 m
Width: 2.0 m
Orientation: SSW-NNE

Topsoil depth: 55W-NNE 0.55 – 0.65 m

Archaeological features: None

Other features: Field drains x6

Trench A6

Length: 68.0 m
Width: 2.0 m
Orientation: N - S

Topsoil depth: 0.43 - 0.65 m

Archaeological features: None

Other features: Field drains x10, plough marks

Trench A7

Length: 64.0 m
Width: 2.0 m
Orientation: NW-SE

Topsoil depth: 0.30 - 0.40 m

Archaeological features: None

Other features: Field drains x4

Trench A8

Length: 67.0 m Width: 2.0 m

Orientation: NNE - SSW
Topsoil depth: 0.38 - 0.40 m

Archaeological features: None

Other features: Linear feature, field drains x5

Trench A9

Length: 68.0 m
Width: 2.0 m
Orientation: NE-SW

Topsoil depth: 0.38 - 0.50 m

Archaeological features: None

Other features: Field drains x5

Trench A10

Length: 67.0 m
Width: 2.0 m
Orientation: N-S
Topsoil depth: 0.50 m
Archaeological features: None

Other features: Linear feature, Field drains x5

Trench A11

Length: 65.0 m
Width: 2.0 m
Orientation: NE-SW

Topsoil depth: 0.38m-0.50m

Archaeological features: None

Other features: Field drain

Trench A12

Length: 67.5 m

Width: 2.0 m

Orientation: WSW-ENE

Topsoil depth: 0.36m-0.50m

Archaeological features: None (from South): Linear feature/ ditch [1305] at 37.70m-39m

Other features: Linear feature

Trench A13

Length: 71.5 m Width: 2m

Orientation: WSW-ENE Topsoil depth: 0.33 - 0.50 m

Archaeological features: None

Other features: Linear feature x2, plough marks

Trench A14

Length: 71.0 m
Width: 2.0 m
Orientation: WSW-ENE
Topsoil depth: 0.27 - 0.64 m

Archaeological features None

Other features: Linear feature, plough marks

Trench A15

Length: 67.0 m
Width: 2.0 m
Orientation: NE-SW

Topsoil depth: 0.30 - 0.50 m

Archaeological features: None

Other features: Linear feature

Trench A16

Length: 68.0 m

Width: 2.0 m

Orientation: WSW-ENE

Topsoil depth: 0.38 - 0.50 m

Archaeological features: None

Other features: Field drains x5

Trench A17

Length: 74.0 m

Width: 2.0 m

Orientation: WSW-ENE

Topsoil depth: 0.50 - 0.70 m

Archaeological features: None

Other features: Field drains x7

Trench A18

Length: 33.0 m
Width: 2.0 m
Orientation: E-W

Topsoil depth: 0.35 - 0.50 m

Archaeological features: None

Other features: Field drains x2

Trench A19

Length: 25.5 m

Width: 2.0 m

Orientation: NNW-SSE

Topsoil depth: 0.35 - 0.40 m

Archaeological features: None Other features: None

Trench A20

Length: 36.0 m
Width: 2.0 m
Orientation: N-S

Topsoil depth: 0.40m-0.50m

Archaeological features: None

Other features: Field drain

Trench A21

Length: 68.0 m
Width: 2.0 m

Orientation: NNE-SSW
Topsoil depth: 0.30 - 0.40 m

Archaeological features: None

Other features: Linear feature at 16m

Trench A22

Length: 24.0 m

Width: 2.0 m Orientation: NE-SW

Topsoil depth: 0.35 - 0.40 m

Archaeological features: None

Other features: Linear feature

Field B: Trench B1

Length: 95.5 m
Width: 2.4 m
Orientation: NE-SW

Topsoil depth: 0.21 - 0.26 m

Archaeological features: None

Other features: Linear feature, SI pits x2

Trench B2

Length: 90.1 m Width: 2.4 m

Orientation: NNE-SSW
Topsoil depth: 0.30 - 0.45 m

Archaeological features: None

Other features: Linear feature

Trench B3

Length: 83.0 m
Width: 2.4 m
Orientation: NNE-SSW
Topsoil depth: 0.46 - 0.56 m

Archaeological features: None

Other features: Field drains x3

Trench B4

Length: 88.5 m Width: 2.4 m Orientation: N-S

Topsoil depth: 0.38 - 0.63 m

Archaeological features: None

Other features: Field drains x10

Trench B5

Length: 81.0 m
Width: 2.4 m
Orientation: NNE-SSW

Topsoil depth: 0.38 - 0.50 m

Archaeological features: None

Other features: Subrectangular pit, field drains x6, SI pit, plough mark

Trench B6

Length: 88.3 m Width: 2.4 m Orientation: N-S

Topsoil depth: 0.48 - 0.53 m

Archaeological features: None

Other features: Field drains x2, plough mark

Trench B7

Length: 83.2 m
Width: 2.4 m
Orientation: NNE-SSW
Topsoil depth: 0.26 - 0.34 m

Archaeological features: None

Other features: Plough mark

Trench B8

Length: 90.0 m Width: 2.4 m

Orientation: N-S

Topsoil depth: 0.38 - 0.50 m

Archaeological features: None

Other features: Field drains x2

Trench B9

Length: 83.8 m

Width: 2.4 m

Orientation: NNE-SSW

Topsoil depth: 0.33 - 0.55 m

Archaeological features: None

Other features: Field drains x6

Trench B10

Length: 90.9 m
Width: 2.4 m
Orientation: N-S

Topsoil depth: 0.30 - 0.55 m

Archaeological features: None

Other features: Field drains x5

Trench B11

Length: 83.0 m Width: 2.4 m

Orientation: NNE-SSW Topsoil depth: 0.33 - 0.40 m Archaeological features: None

Other features: Furrow, field drains x3

Trench B12

Length: 90m Width: 2.4m Orientation: N-S

Topsoil depth: 0.35m-0.53m Archaeological features: None

Other features: Furrow, field drains x3

Trench B13

Length: 81m Width: 2.4m

Orientation: ENE-WSW
Topsoil depth: 0.35m-0.44m
Archaeological features: None

Other features: Furrow

Trench **B14** Length: 80m Width: 2.4m

Orientation: ENE-WSW
Topsoil depth: 029m-0.40m
Archaeological features: None

Other features: Furrow, modern pits x2

Trench **B15** Length: 85m Width: 2.4m

Orientation: NE-SW

Topsoil depth: 0.28m-0.40m Archaeological features: None

Other features: Furrow

Trench **B16** Length: 80m

Width: 2.4m

Orientation: ENE-WSW
Topsoil depth: 0.30m-0.52m
Archaeological features: None

Other features: Furrows, field drains x4

Trench **B17** Length: 81m Width: 2.4m

Orientation: NE-SW

Topsoil depth: 0.34m-0.38m Archaeological features: None

Other features:Furrow

Trench **B18**Length: 85m
Width: 2.4m

Orientation: ENE-WSW
Topsoil depth: 0.40m-0.51m
Archaeological features: None
Other features:Furrow, modern pit

Trench **B19**Length: 50m
Width: 2.4m
Orientation: E-W

Topsoil depth: 0.38m-0.50m Archaeological features: None

Other feature): None

Trench **B20**Length: 85m
Width: 2.4m
Orientation: N-S

Topsoil depth: 0.34m-0.54m Archaeological features: None Other features: Field drains x4

Trench **B21** Length: 75m Width: 2.4m

Orientation: NE-SW

Topsoil depth: 0.42m-0.54m Archaeological features: None Other features: Field drains x6

Trench **B22** Length: 80m Width: 2.4m

Orientation: NE-SW

Topsoil depth: 0.43m-0.46m Archaeological features: None

Other features: Furrow, field drains x4

APPENDIX 2: Context Register

Context No.	Description and Interpretation
1301	V shaped cut, 1.40m wide, 0.55m deep. Relatively modern field boundary or agricultural improvement feature.
1302	Layer of medium/dark brown silty clay. Inclusions include pockets of redeposited natural. Primary fill of 1301.
1303	Layer of light grey/brown silty clay. Inclusions include, charcoal flecks, modern roots, small stones, animal bone and modern glass.
1304	Layer of very light brown clay. Natural
1305	V shaped cut, 1.60m wide, 0.60m deep. Relatively modern field boundary or agricultural improvement feature.
1306	Layer of red/brown silty clay. Inclusions include, charcoal flecks and sub-angular small stones.
1307	Layer of red/brown silty clay. Inclusions include, small stones, charcoal flecks, modern ceramics, clay pipe and animal bone.

APPENDIX 3: Photographic Record

Digital

Frame	Description	From
1-2	Field A: TR1 post-ex	SW
3-4	Field A: TR2 post-ex	SW
5-6	Field B: TR1 post-ex	E
7-8	Field A: TR3 post-ex	SW
9-10	Field A: TR4 post-ex	SW
11-12	Field A: TR5 post-ex	SW
13-14	Field B: TR2 post-ex	ENE
15-16	Field B: TR3 post-ex	ENE
17-18	Field B: TR4 post-ex	ENE
19-20	Field A: TR6 post-ex	SW
21-22	Field B: TR5 post-ex	ENE
23-24	Field A: TR11 post-ex	SW
25-26	Field A: TR10 post-ex	SW
27-28	Field A: TR9 post-ex	SW

29-30	Field A: TR7 post-ex	SW
31-32	Field A: TR6 post-ex	SW
33-34	Field B: TR10 post-ex	E
35-36	Field B: TR9 post-ex	NE
37-38	Field B: TR8 post-ex	N
39-40	Field B: TR7 post-ex	NE
41-42	Field B: TR6 post-ex	N
43-44	Field A: TR7 linear feature	SE
45-46	Field A: TR9 stone filled drain	SW
47-48	Field A: TR8 SE-facing section through linear feature	SE
49-50	Field A: TR8 general shot of linear feature with slot through it	SE
51-52	Field B: TR5 linear feature- SE-facing section	SE
53-54	Field B: TR5 linear feature NW-facing section	NW
55-56	Field B: TR5 stone filled pit- general shot	N
57-58	Field B: TR5 stone filled pit- general shot	NW
59-60	Field B: TR5 stone filled pit and ceramic drain- general shot	NW
61-61	Field B: TR5 NE-facing section through stone lined pit	NE
63-64	Field B: TR11 post-ex	NE
65-66	Field A: TR13 post-ex	SW
67-68	Field A: TR12 post-ex	NE
69-70	Field A: TR14 post-ex	NE
71-72	Field B: TR16 post-ex	SW
73-74	Field B: TR15 post-ex	SW
75-76	Field A: TR16 post-ex	NE
77-78	Field A: TR15 post-ex	NE
79-80	Field B: TR12 post-ex	N
81-82	Field B: TR14 post-ex	NE
83-84	Field B: TR13 post-ex	NE
85-86	Field A: TR13 post-ex	SE
87-88	Field A: TR13 S-facing section through ditch [1301]	S
89-90	Field A: TR13 general shot of linear feature [1301] with slot through it	S
91-92	Field B: TR22 post-ex	N
93-94	Field B: TR21 post-ex	NE
95-96	Field B: TR20 post-ex	N
97-98	Field A: TR17 post-ex	W
99-100	Field A: TR18 post-ex	W
101-102	Field A: TR19 post-ex	S
103-104	Field A: TR20 post-ex	S
105-106	Field A: TR21 post-ex	S
107-108	Field A: TR22 post-ex	SW
109-110	Field B: TR19 post-ex	E
111-112	Field B: TR18 post-ex	E

113-114	Field B: TR17 post-ex	NE
115-116	Field A: TR13 W-facing section through linear feature [1305]	W
117-118	Field A: TR13 general shot of linear feature [1305] with slot through it	SW
119	Field B- general shot of backfilled trenches	NW
120	Field B- general shot of backfilled trenches	SE
121	Field A- general shot of backfilled trenches	NW
122	Field A- general shot of backfilled trenches	SE

APPENDIX 4: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	Scottish Borders
PROJECT TITLE/SITE	Kelso High School, Kelso Scottish Borders
NAME	Reiso High Geneoi, Reiso Geottish Borders
PROJECT CODE:	22786
PARISH:	Kelso
NAME OF CONTRIBUTOR:	Alan Duffy
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE[S] OF PROJECT:	Archaeological Evaluation
NMRS NO[S]	None
SITE/MONUMENT TYPE[S]:	None
SIGNIFICANT FINDS:	None
NGR [2 letters, 6 figures]	NT 7244 3530
START DATE [this season]	20 th October 2014
END DATE [this season]	23 rd October 2014
PREVIOUS WORK [incl.	
DES ref.]	None
MAIN [NARRATIVE] DESCRIPTION: [May include information from other fields]	An archaeological evaluation was required by Morrison Construction Ltd, on behalf of their client prior to the construction of a new High School, at Kelso, Scottish Borders, as part of a condition of the planning consent for the development. The evaluation comprised the machine excavation of forty-four linear trenches between 2.00 m and 2.40 m wide. A total of 7,071 m² was evaluated which equated to a c.10.8% sample of the available development area. The recorded remains are considered to be of a fairly modern date, relating to cultivation, changes in field boundaries and/or agricultural improvements, none of which are considered significant.
PROPOSED FUTURE WORK:	None
CAPTION[S] FOR	
ILLUSTRS:	None
SPONSOR OR FUNDING	
BODY:	Morrison Construction
ADDRESS OF MAIN	
CONTRIBUTOR:	Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocarchaeology.com

ARCHIVE LOCATION	
[intended/deposited]	Archive to be deposited in NMRS

