

Discovery and Excavation in Scotland – OASIS-type Form (2006)

LOCAL AUTHORITY:	CLACKMANNAN
PROJECT TITLE/SITE NAME:	Castle Campbell
PROJECT CODE:	HSCO-90063-2010-02
PARISH:	Dollar
NAME OF CONTRIBUTOR:	David Murray
NAME OF ORGANISATION:	Kirkdale Archaeology
TYPE(S) OF PROJECT:	Watching brief
NMRS NO(S):	NS99NE 2.00
SITE/MONUMENT TYPE(S):	Castle
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NGR (2 letters, 8 or 10 figures)	NS 9610 9928
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PREVIOUS WORK (incl. DES ref.)	
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A drainpipe in the NW corner of the courtyard of Castle Campbell had been blocked for some time. A watching brief was organised so that a trench or trenches could be dug to determine the location of the blockage. It was originally thought that the drain pipe exited through the N doorway in the W courtyard wall. Trench 1 was dug to test this. There was no pipe present. Trench 2 followed the drainpipe down in the corner of the courtyard. It transpired that the drainpipe had a soakaway directly beneath. The pipe had been blocked with masonry and pointing material from the renovation of the ticket office. The trenches were planned and photographed, and field notes were taken to record their contents.
PROPOSED FUTURE WORK:	
CAPTION(S) FOR ILLUSTRS:	
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ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS

**Historic Scotland
Properties in Care
Minor Archaeological Works 2010**

**Castle Campbell:
Drain Blockage Excavations
April 2010**

**HS PIC Index Number: 90063
Project Code: HSCO-90063-2010-02**



**16th & 21st April 2010
Kirkdale Archaeology**

<u>Site</u>	Castle Campbell, near Dollar, Clackmannanshire
<u>N.G.R</u>	NS 96128 99300
<u>Project Description</u>	Watching Brief on the digging of two trenches to try to discover where a drainpipe serving the courtyard ticket office was blocked.
<u>Project Code</u>	HSCO-90063-2010-02

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A drainpipe in the NW corner of the courtyard of Castle Campbell had been blocked for some time. A watching brief was organised so that a trench or trenches could be dug to determine the location of the blockage. It was originally thought that the drain pipe exited through the N doorway in the W courtyard wall. Trench 1 was dug to test this. There was no pipe present. Trench 2 followed the drainpipe down in the corner of the courtyard. It transpired that the drainpipe had a soakaway directly beneath. The pipe had been blocked with masonry and pointing material from the renovation of the ticket office. The trenches were planned and photographed, and field notes were taken to record their contents.

1.0 INTRODUCTION

Under the terms of its PIC call-off contract with Historic Scotland, Kirkdale Archaeology was asked to undertake an archaeological watching brief on the excavation of two trenches at Castle Campbell, near Dollar. The drainpipe serving the Ticket Office in the NW corner of the courtyard was blocked and had been for some time. It had been assumed that the down pipe would flow into a horizontal pipe exiting the courtyard under one of the two doors in the W courtyard wall. In order to test this, Trench 1 was excavated to the W of the N doorway in the W courtyard wall. It became apparent that although the ground was disturbed there was no clearly modern material present, and that the fill was likely to be medieval landscaping. This trench was excavated on 16th April 2010. On 21st April Historic Scotland staff returned and excavated Trench 2 around the drainpipe itself. The fill indicated that the courtyard had been re-surfaced in the twentieth century, when the new cobbles were laid. At 550mm depth, the pipe was removed and was found to be blocked with masonry and pointing material at its base. With the blockage removed the pipe was re-set and re-connected. The pipe was served by a soakaway and not by additional pipe work as originally thought.

2.0 DESCRIPTION AND INTERPRETATION

Trench 1

Dimensions: 450mm E/W x 1020mm N/S. To the N, the trench was 250mm deep, to the S it was 500mm deep. Accumulated silt (101) 40mm thick to the W of the N

Doorway in the W courtyard wall was cleared to reveal concrete grass bars (103) which once served the doorway, but which had become buried. The grass bars were set in to a depth of 100mm and were bedded on a base of grey concrete (104) 100mm thick. The grass bars extended 880mm W from the W courtyard wall. Trench 1 was excavated to the W of the grass bars as they would have been extremely difficult to break out.

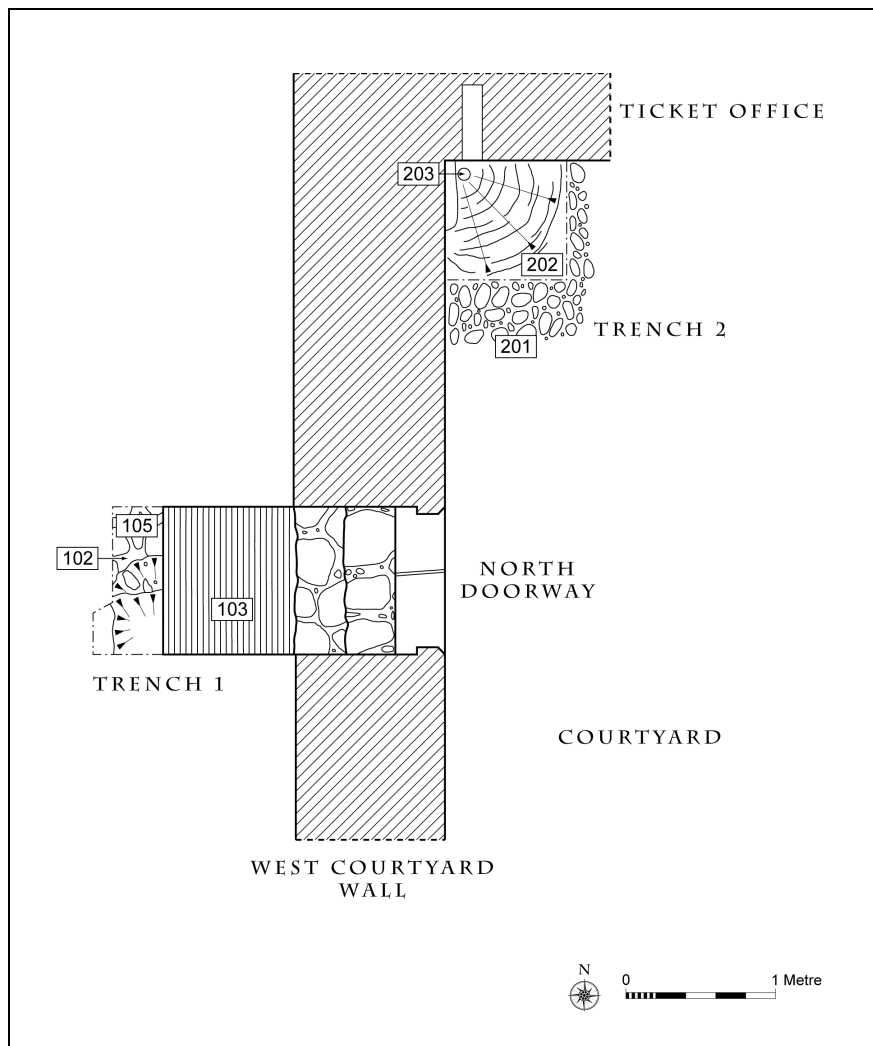


Figure 1: Plan of courtyard drain trenches 1 and 2.

The turf (102) was removed and was seen to be 60mm thick. Below this (and the grass bars) was a compact mid-greyish brown silt (105) containing numerous sub-angular pieces of sandstone and basalt, with some re-deposited clasts of clay within the matrix. This suggested that the ground was made-up - however there was

nothing to suggest that this was a recent intervention. The only find recovered from (105) was a single sherd of green glaze pottery SF001 indicating that that the layer could be the result of medieval or post-medieval landscaping.

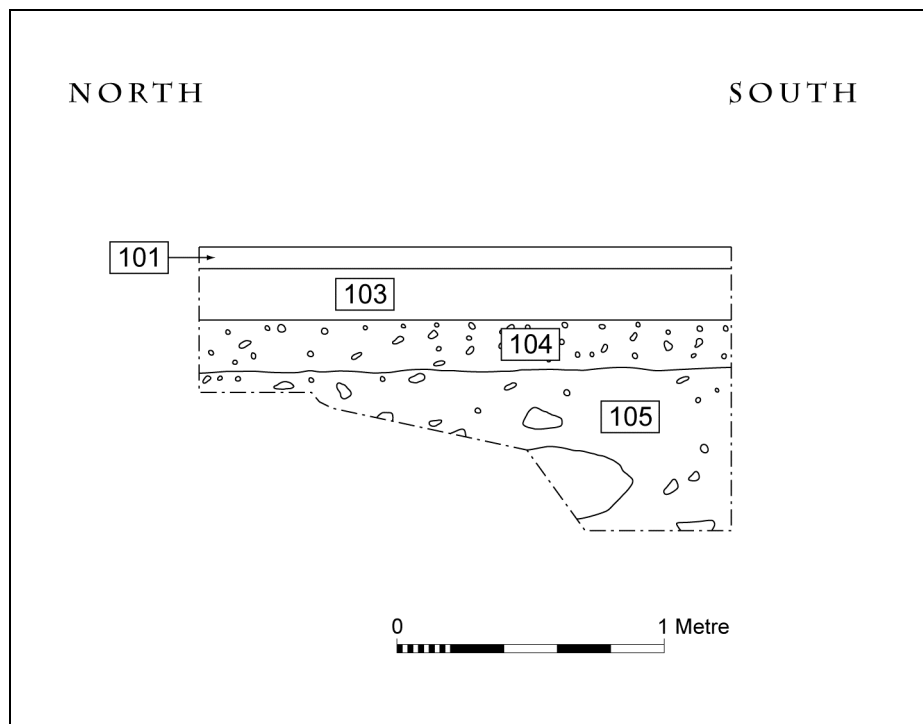


Figure 2: West-facing section in Trench 1

It was apparent that there was no cut for a pipe trench present, and continued excavation of the trench was halted.

Trench 2

Trench 2 was located in the extreme NW corner of the courtyard and measured 800mm E-W x 800mm N-S. The ground surface consisted of sub-rounded cobbles set on a concrete base 120mm thick (201). Beneath the concrete was a further modern bedding of coarse sand, gravel and concrete chips (202). This fill was not bottomed but reached to a depth of at least 430mm. This bedding layer was removed from around the 100mm diameter drainpipe (203) until the drainpipe could be manoeuvred out. Once removed, the drainpipe was shown to be blocked at its base by masonry and pointing material from recent remedial works on the ticket office. The blockage was removed and the drainpipe reinstated. The excavation

demonstrated that the pipe drained into a soakaway, although this was not exposed during the work.



Figure 3: Post- excavation shot of W-facing section in Trench 1

3.0 CONCLUSIONS

Trench 1 provided an interesting glimpse of the historic landscaping which has contributed to the make-up of the site. It showed that the immediate area surrounding the castle is archaeologically sensitive, and holds potentially valuable and revealing information about Castle Campbell's early history.

4.0 APPENDIX 1: LIST OF CONTEXTS

No.	Description
101	Accumulated silt over 103
102	Turf
103	Grass bars
104	Concrete base for 103
105	Silt below 102
201	Cobbles set in concrete
202	Sand, gravel and concrete bedding for 201
203	Drain pipe

5.0 APPENDIX 2: LIST OF DRAWINGS

No.	Description	Scale
1	Plan of Trenches 1 and 2	1:20
2	W-Facing section of Trench 1	1:20

6.0 APPENDIX 3: LIST OF DIGITAL PHOTOGRAPHS

No.	Description	From	Date
1	Trench 1 pre-excitation shot showing the N gate in the W courtyard wall	W	16/4/2010
2	Pre-ex shot of Trench 1	SW	16/4/2010
3	Pre-ex shot of Trench 1	E	16/4/2010
4	Grass bars to W of the N gate in the W courtyard wall	W	16/4/2010
5	General shot of Trench 1 showing depth of grass bars	W	16/4/2010
6	General shot of Trench 1 showing depth of grass bars	W	16/4/2010
7	General post-excitation shot of Trench 1	N	16/4/2010
8	General post-excitation shot of Trench 1	E	16/4/2010
9	General shot of the N gate in the W courtyard wall	E	16/4/2010
10	General post-excitation location shot of Trench 1	SW	16/4/2010
11	General post-excitation shot of Trench 1	SW	16/4/2010
12	Post- excavation shot of W-facing section of Trench 1	W	16/4/2010
13	General pre-excitation location shot of the drainpipe in the NW corner of the courtyard	SE	21/4/2010
14	General pre-excitation location shot of the drainpipe in the NW corner of the courtyard	E	21/4/2010
15	General pre-excitation location shot of the drainpipe in the NW corner of the courtyard	E	21/4/2010
16	Trench 2 work in progress, cobbles and bedding material	S	21/4/2010

No.	Description	From	Date
17	Trench 2 work in progress, cobbles and bedding material	SE	21/4/2010
18	Trench 2 work in progress, cobbles and bedding material	SE	21/4/2010
19	Projecting stone at base of W courtyard wall	E	21/4/2010

7.0 APPENDIX 4: LIST OF SMALL FINDS

No.	Trench/Context	Description	Date
SF001	1/ 105	Green glaze pottery sherd.	16/4/2010