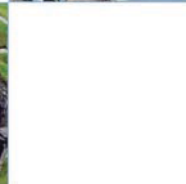
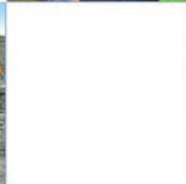
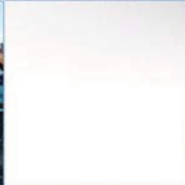
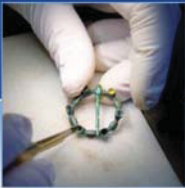


Hedderwick Hill, Dunbar: Evaluation Data Structure Report

AOC Project 21232
27th October 2010



ARCHAEOLOGY

| HERITAGE

| CONSERVATION

Hedderwick Hill, Dunbar, Evaluation: Data Structure Report

On Behalf of:	Barbour Homes Ltd Netherlaw North Berwick East Lothian EH39 4RF
National Grid Reference (NGR):	NT 6406 7785
AOC Project No:	21732
Prepared by:	Martin Cook
Illustration by:	Stefan Sagrott
Date of Fieldwork:	19th to 20th October 2010
Date of Report:	27th October 2010

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

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Draft/Final Report Stage: Draft	Date: 27th October 2010

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Abstract

This report represents the results of an archaeological evaluation undertaken by AOC Archaeology Group on the site of a proposed recreational development at Hedderwick Hill Farm, Dunbar, East Lothian.

The archaeological evaluation comprised in excess of a 5% trenching sample.

The site was found to be archaeologically sterile, with only modern features such as field drains being identified.

No further works are considered necessary.

1 INTRODUCTION

1.1 Background

- 1.1.1 AOC Archaeology Group was commissioned by James Barbour to undertake an archaeological evaluation in advance of a proposed recreational development at Hedderwick Hill Farm, Dunbar, East Lothian (centred NGR: NT 6406 7785).
- 1.1.2 The proposed development lies within the administrative area of East Lothian Council, which is advised on archaeological matters by the East Lothian Council Archaeology Service (ELCAS). The work took place in advance of a planning application being submitted. ELCAS recommended a programme of archaeological works in accordance with *Scottish Planning Policy* (Scottish Government February 2010) and *Planning Advice Note 42* (SOEnd 1994) in determining the nature, extent, condition, date and significance of any archaeological remains within the proposed development area.
- 1.1.3 A *Written Scheme of Investigation* (AOC 2010) was agreed with ELCAS in advance of the evaluation being undertaken. The evaluation was designed around a 5% trenching sample, of the northern and western fragments of the site, equating to 3000 m². An additional 664 m² (1.1%) was excavated.
- 1.1.4 Neither significant archaeological features nor artefacts were identified.

1.2 Location

- 1.2.1 The proposed development area covers approximately 10 ha of arable farmland due west of Dunbar, centred on NGR NT 6406 7785 (Figure 1). The new A1 forms the southern boundary to the site whilst an unclassified road forms the eastern and northern boundary to the site rising from the A1087 up to Hedderwick Hill before circling south back to the A1 through established woodland.

1.3 Archaeological background

- 1.3.1 The Royal Commission on Ancient and Historical Monuments of Scotland archives do not list any known sites existing within the development boundary; however the remains of Hedderwick Hill House, demolished in 1961, and its associated walled gardens, stables, outbuildings, dairy and estate cottages still survive on and around Hedderwick Hill to the north-west of the development area. Hedderwick Hill House and its ancillary buildings are covered by records (NMRS NT67NW 47.00 to 47.08 with the walled garden NMRS NT67NW 27 to 27.01. Though the main house was demolished in the late 1980's the remaining buildings were given B-Listed status with the walled garden C-Listed.
- 1.3.3 Development work close to the Beltonford Roundabout, to the immediate south-east of the development area, required a watching brief and evaluation in 2006 and 2007; neither intervention uncovered any archaeological remains (NMRS NT67NW 148).
- 1.3.4 Whilst no archaeological remains are known within the development area the fact that the site has no history of recent development means that subsurface remains or artefactual material may survive. The recovery of a barbed and tanged arrowhead from Hedderwick Hill (NMRS NT67NW 12) clearly indicates a local presence from prehistoric times.

2 OBJECTIVES

- 2.1 The objectives of the archaeological evaluation were:
- i) to determine and assess 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 mitigation, such as excavation, post-excavation analyses and publication, given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

3 METHODOLOGY

- 3.1 The trenching was designed to establish the extent, condition, character, quality, significance and date of any archaeological features present within the site area. The trenching comprised the excavation of 14 trenches of varying size and orientation, in the northern and western fragments of the site. The southern part of the site is to be built up and will not require an evaluation phase. The Written Scheme of Investigation (AOC 2010) required 3000 m² of evaluation trenching be excavated; although an additional 664 m² was exposed taking the total to 2240 m².
- 3.2 The evaluation was undertaken by means of a single 360 tracked excavator equipped with a 2 m wide toothless ditching bucket. Excavation was undertaken in shallow units/spits until the first significant archaeological horizon or natural subsoil was reached. All machine excavation was supervised by an experienced field archaeologist.
- 3.3 All trial trenching was undertaken according to AOC Archaeology Group's standard operating procedures. The trenches were backfilled on completion of the evaluation.

4 RESULTS

4.1 Introduction

- 4.1.1 The archaeological evaluation was undertaken between 19th and 21st October 2010. Overall weather conditions were good, comprising overcast but dry conditions yielding good archaeological visibility. The following should be read in conjunction with the data presented in Appendices 1-3 and Figure 1.
- 4.1.2 The excavation of the trenches revealed topsoil comprising soft, red/brown silty sand. Very few modern finds were identified within the topsoil. Underlying the topsoil, natural subsoil varied between areas of clays, gravels and sands.



Plate 1: Post-excavation shot of Trench 1

- 4.1.3 Only modern orange ceramic and earlier rubble drains were identified within the field, reflecting the poor drainage of the clay subsoil.

5 CONCLUSION

- 5.1 No significant archaeological remains or artefacts were identified during the evaluation. The significant balance of probability is that the site is free of archaeological material of sufficient size to be amenable to detection by evaluation trenching of the sample size required by East Lothian Council.

6 RECOMMENDATIONS

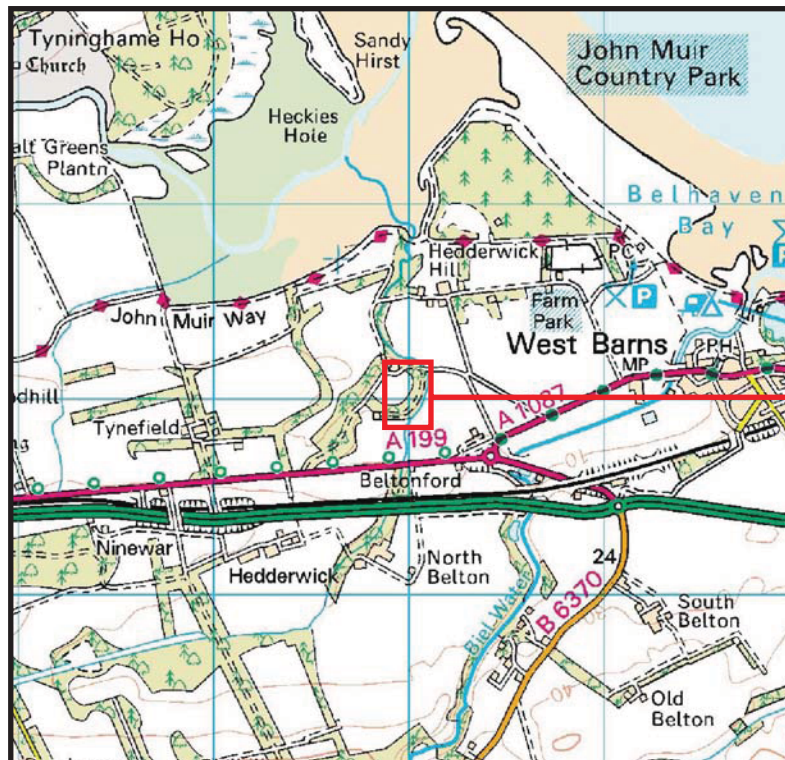
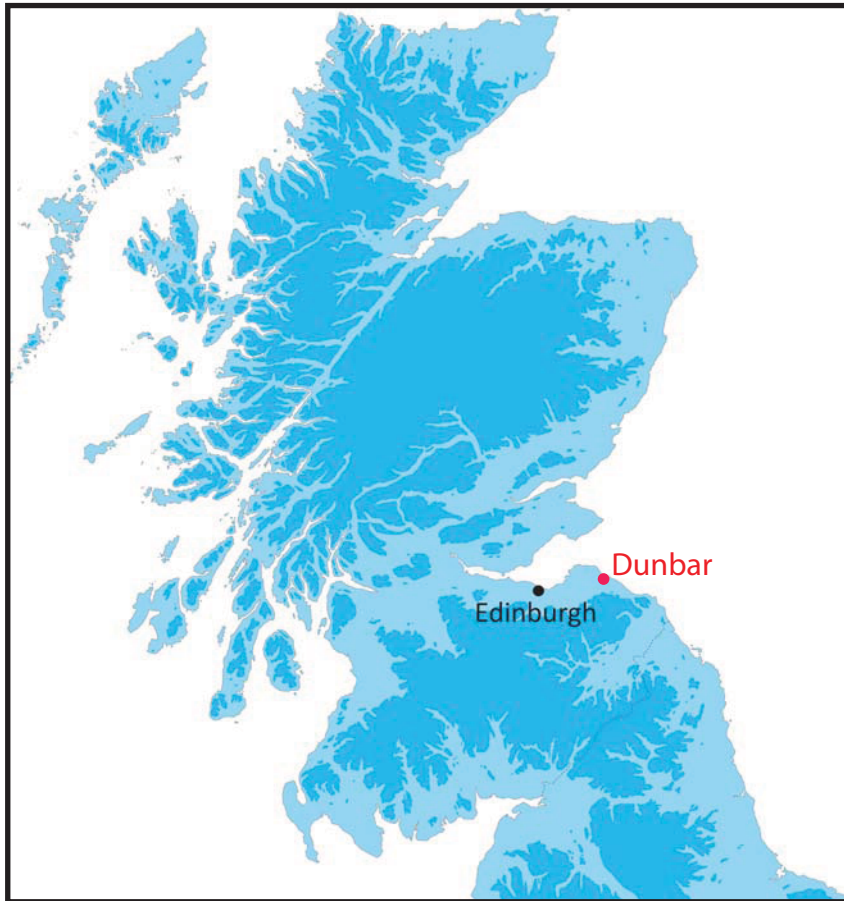
- 6.1 No further archaeological works are considered necessary. This recommendation will require confirmation by ELCAS on behalf of East Lothian Council.

7 BIBLIOGRAPHIC REFERENCES

AOC Archaeology 2010 Hedderwick Hill, Dunbar: *Written Scheme of Investigation*. Unpubl AOC Archive Document.

Scottish Government 2010 *Scottish Planning Policy* (February 2010)

SOEnd 1994 *Planning Advice Note 42. Archaeology – The Planning Process and Scheduled Ancient Monument Procedures*. The Scottish Office Environment Department.



Site Area

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Figure 1: Location of the site at Hedderwick Hill, Dunbar

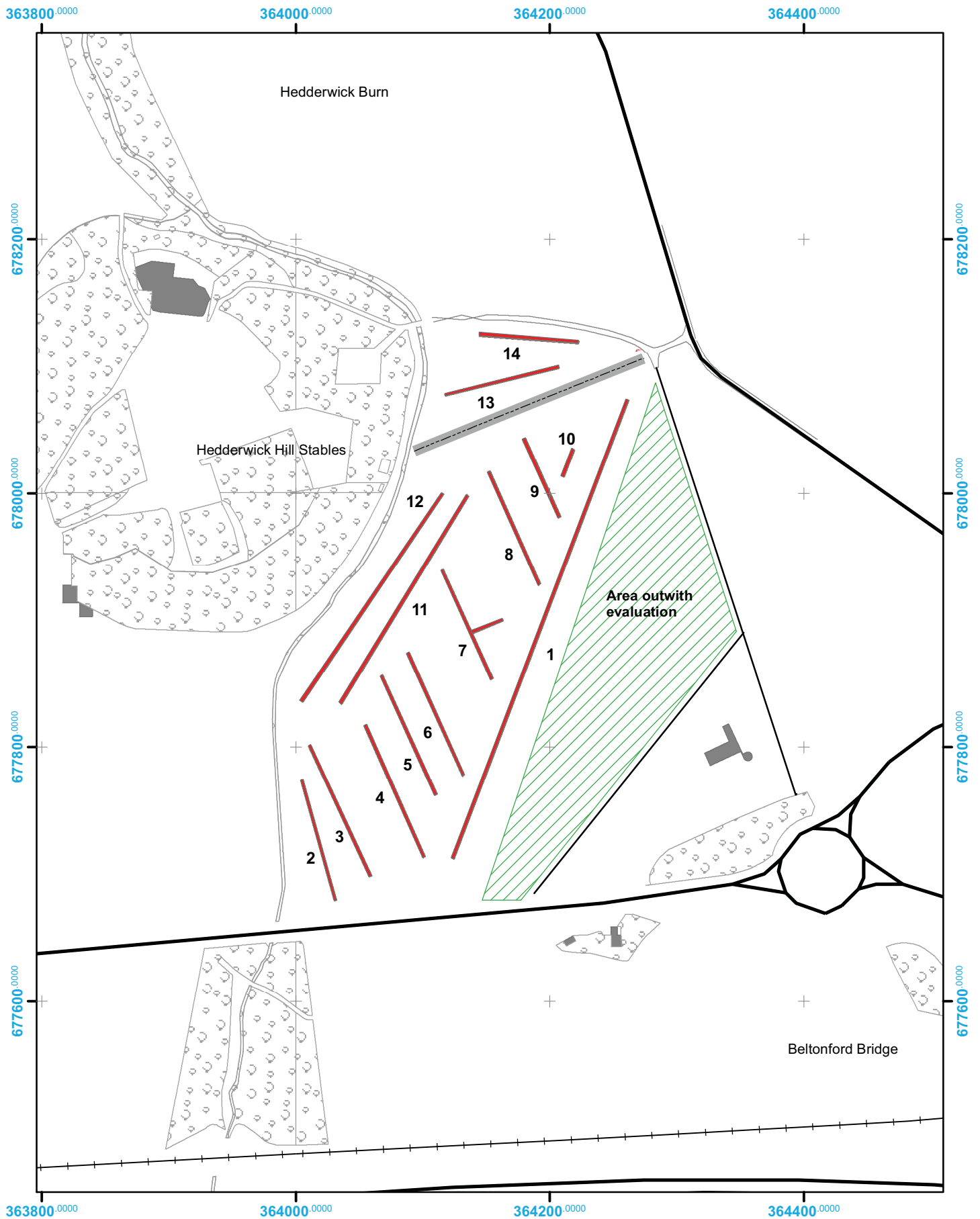


Figure 2: Beltonford Evaluation, Trench Location

Legend

- Overhead services buffer — A Road + Railway ■ Building
- Trenches

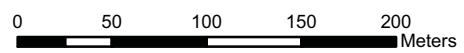
Project No.: 21732

Date: 27.10.10

Scale at A4: 1:4,000



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Hedderwick Hill Evaluation: Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	400 m by 2 m
<i>Orientation</i>	NE-SW
<i>Depth of Topsoil</i>	0.25-0.30 m
<i>Depth of Excavation</i>	0.30-0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic and rubble field drains
<i>Subsoil</i>	Gravel and clay
<i>Finds</i>	None

Trench 2

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	N-S
<i>Depth of Topsoil</i>	0.30-0.40 m
<i>Depth of Excavation</i>	0.35-0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic and rubble field drains
<i>Subsoil</i>	Gravel and clay
<i>Finds</i>	None

Trench 3

<i>Dimensions</i>	120 m by 2 m
<i>Orientation</i>	N-S
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic and rubble field drains
<i>Subsoil</i>	Gravel and clay
<i>Finds</i>	None

Trench 4

<i>Dimensions</i>	115 m by 2 m
<i>Orientation</i>	S-W
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic and rubble field drains
<i>Subsoil</i>	Gravel and clay
<i>Finds</i>	None

Trench 5

<i>Dimensions</i>	110 m by 2 m
<i>Orientation</i>	N-S
<i>Depth of Topsoil</i>	0.40 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic and rubble field drains
<i>Subsoil</i>	Gravel and clay
<i>Finds</i>	None

Trench 6

<i>Dimensions</i>	110 m by 2 m
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Orientation S-N
Depth of Topsoil 0.30 m
Depth of Excavation 0.40 m
Significant Features None
Other Features Ceramic and rubble drains
Subsoil Gravel and clay
Finds None

Trench 7

Dimensions 100 m by 2 m
Orientation N-S
Depth of Topsoil 0.40 m
Depth of Excavation 0.50 m
Significant Features None
Other Features Ceramic and rubble field drains
Subsoil Sand and clay
Finds None

Trench 8

Dimensions 100 m by 2 m
Orientation N-S
Depth of Topsoil 0.50 m
Depth of Excavation 0.55 m
Significant Features None
Other Features None
Subsoil Gravel and clay
Finds None

Trench 9

Dimensions 67 m by 2 m
Orientation N-S
Depth of Topsoil 0.30 m
Depth of Excavation 0.40 m
Significant Features None
Other Features Gas or water pipe 12 m from north end of trench
Subsoil Gravel and clay
Finds None

Trench 10

Dimensions 25 m by 2 m
Orientation NE-SW
Depth of Topsoil 0.35 m
Depth of Excavation 0.40 m
Significant Features None
Other Features None
Subsoil Orange sandy clay
Finds None

Trench 11

Dimensions 200 m by 2 m
Orientation NE-SW
Depth of Topsoil 0.50 m
Depth of Excavation 0.60 m
Significant Features None

Other Features Ceramic and rubble field drains
Subsoil Clay and gravel
Finds None

Trench 12

Dimensions 200 m by 2 m
Orientation SW-NE
Depth of Topsoil 0.25-0.30 m
Depth of Excavation 0.65 m
Significant Features None
Other Features Field boundary at 151 m from SW
Subsoil Clay and gravel
Finds None

Trench 13

Dimensions 100 m by 2 m
Orientation E-W
Depth of Topsoil 0.40 m
Depth of Excavation 0.50 m
Significant Features None
Other Features Ceramic and rubble field drains
Subsoil Clay
Finds None

Trench 14

Dimensions 80 m by 2 m
Orientation E-W
Depth of Topsoil 0.40 m
Depth of Excavation 0.50 m
Significant Features None
Other Features Ceramic and rubble field drains
Subsoil Sand and clay
Finds None

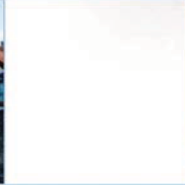
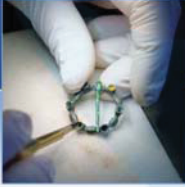
APPENDIX 2: Photographic Record

Black & White Print/ /Digital Film 1

Frame	Trench	Description	From
1		Registration	
2-3	1	Post-excavation shot of trench	NE
4-5	10	Post-excavation shot of trench	N
6-7	12	Post-excavation shot of trench	W
8-9		General post-excavation shot of trenches	W

APPENDIX 3: *Discovery and Excavation in Scotland* Report

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME	Hedderwick Hill
PROJECT CODE:	AOC 21732
PARISH:	Dunbar
NAME OF CONTRIBUTOR:	Martin Cook
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	N/A
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NT 6406 7785
START DATE (this season)	19 th October 2010
END DATE (this season)	20 th October 2010
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological evaluation was undertaken prior to a proposed recreational development at Hedderwick Hill Farm, Dunbar, East Lothian. The archaeological evaluation consisted of 14 trenches amounting to 3664 m ² . Neither archaeologically significant finds nor features were encountered.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	---
SPONSOR OR FUNDING BODY:	Barbour Homes Ltd
ADDRESS OF MAIN CONTRIBUTOR:	Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocscot.co.uk
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS



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