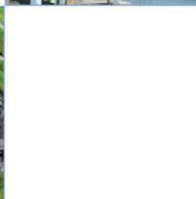
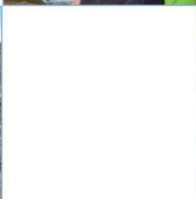
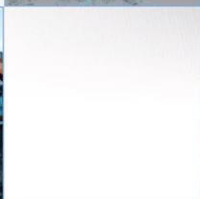
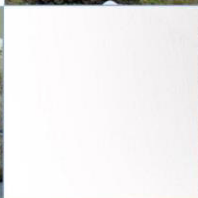
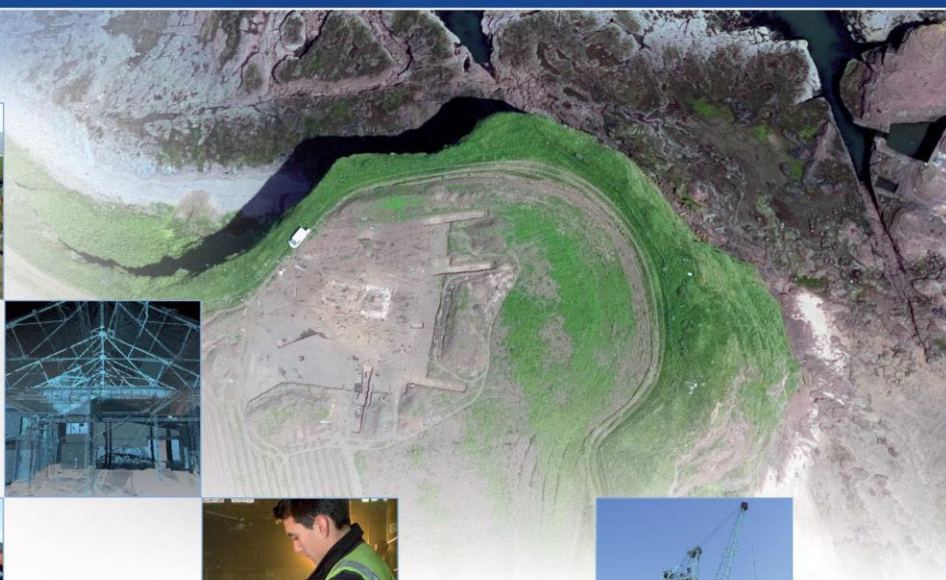


# Crichton, Pathhead, Midlothian: Archaeological Evaluation Data Structure Report

AOC24386  
10<sup>th</sup> August 2018



# Crichton, Pathhead, Midlothian Archaeological Evaluation: Data Structure Report

**On Behalf of:** Grey Macpherson Architects LLP,

**National Grid Reference (NGR):** NT 38556 62052

**AOC Project No:** 24331

**Planning Ref:** 17/00939/DPP

**Oasis No.** 1-325528

**Prepared by:** Steven Watt

**Fieldwork by:** Stuart Wilson

**Date of Report:** 10<sup>th</sup> August 2018

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

**Author:** Steven Watt

**Date:** 13<sup>th</sup> August 2018

**Approved by:** Lindsay Dunbar

**Date:** 13<sup>th</sup> August 2018

**Draft Report Stage:** Final

**Date:** 13<sup>th</sup> August 2018

**Enquiries to:**

AOC Archaeology Group  
Edgefield Industrial Estate  
Edgefield Road  
Loanhead  
EH20 9SY

Tel. 0131 440 3593  
Fax. 0131 440 3422  
e-mail. [admin@aocarchaeology.com](mailto:admin@aocarchaeology.com)

## Contents

	Page
List of illustrations.....	4
List of plates .....	4
List of appendices .....	4
Summary.....	5
1 INTRODUCTION .....	6
2 OBJECTIVES .....	8
3 METHODOLOGY .....	8
4 RESULTS .....	8
5 CONCLUSIONS AND RECOMMENDATIONS.....	10
6 REFERENCES .....	10
APPENDIX 1: EVALUATION TRENCH RECORD .....	12
APPENDIX 2: PHOTOGRAPHIC REGISTER.....	13
APPENDIX 3: CONTEXT REGISTER.....	13
APPENDIX 4: ' <i>DISCOVERY AND EXCAVATION IN SCOTLAND</i> ' (DES) REPORT .....	14

## List of illustrations

Figure 1: Site Location

Figure 2: Trench Location Plan

## List of plates

Plate 1: Pre-excavation view of evaluation area

Plate 2: Post-excavation view of Trench 2 facing NE

Plate 3: View of rubble drain [003] from the west

## List of appendices

Appendix 1 Evaluation Trench Record

Appendix 2 Photographic Register

Appendix 3 Context Register

Appendix 4 *'Discovery and Excavation in Scotland'* Entry

## Summary

---

*AOC Archaeology Group was commissioned to conduct an archaeological evaluation at Crichton, Pathhead, Midlothian ahead of a residential development.*

*In total four trenches were excavated totaling 70 linear meters. Land improvement measures were found in the form of a single rubble drain.*

*No significant archaeological finds or features were uncovered. No further work is considered necessary, a decision that will be determined by ELCAS.*

# 1 INTRODUCTION

## 1.1 Project Background

- 1.1.1 A programme of archaeological works comprising an archaeological evaluation was required by Gray Macpherson Architects LLP on behalf of their client prior to the construction of a proposed residential development at land at Crichton, near Pathhead, Midlothian (Planning Ref: 17/00939/DPP). The need for, and scope of, the archaeological works has been determined by the Midlothian Council who are advised on archaeological matters by Helena Gray of the East Lothian Council Archaeology Service (ELCAS).
- 1.1.2 The programme of archaeological works required was in keeping with best practice outlined in current planning guidelines, Scottish Planning Policy (2014) & Planning and Archaeology 2/2011 (2011), in order to record the extent and significance of any archaeological remains which may have been present within the development area.
- 1.1.3 A *Written Scheme of Investigation* (AOC 2017) was submitted detailing the requirements of the archaeological works and AOC Archaeology Group's operating procedures and standards.
- 1.1.4 All archaeological works satisfied the codes, standards and guidance set out by the Chartered Institute for Archaeologists (2014).

## 1.2 Site location

- 1.2.1 The proposed development covers approximately 750m<sup>2</sup> of land situated off the B6367 (NGR: NT 38556 62052, **Figure 1**). The site comprises of agricultural land used for grazing and is bounded by tree and hedgerow cover (**Plate 1**).



**Plate 1 Pre-excavation view of evaluation area**

### **1.3 Archaeological Background**

- 1.3.1 No known sites lie within the immediate development area according to Historic Environment Scotland's (HES) records (Canmore, list of designations etc) as also with the Midlothian Historic Environment Record. However several are located close by.
- 1.3.2 The site itself lies within the Borthwick and Crichton Conservation Area. Less than 70m to the south of the development is the Category B-listed buildings 10-14 Crichton Village, Cottages. The interest in these are noted as follows:

‘Sir Robert Rowand Anderson designed these properties. He was responsible for the design of the farmhouse at Crichton Mains, along the road, in 1885-7. These cottages were built to house workers from this estate. The farm cottages are grouped to either side of an arched thoroughfare, leading to drying greens at the back. Each cottage had its own small front garden, shared drive and the green to the rear and a small outhouse and toilet. Later alterations to each cottage added a small flat-roofed kitchen/bathroom extension to the rear or side, but now larger replacement additions have led to the rear elevation losing its original simplicity of form and line. Front elevation and gardens now surrounded by a hedge and low rubble wall.’

- 1.3.3 Further to the southwest is the Scheduled Monument of Play Hill (SM 6231). This is described as a later prehistoric monument surviving as earthworks. To the east lies the



medieval burgh of Crichton (Canmore ID: 53557) and associated 19<sup>th</sup> Century smithy (Canmore ID: 53595).

## 2 OBJECTIVES

2.1 The objectives of the archaeological works are:

- i) to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through evaluation trenching;
- ii) to advise and implement an appropriate form of mitigation, such 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 ELCAS requested a 15% evaluation (70 linear meters) of the proposed footprint for the new dwelling and associated buildings (750m<sup>2</sup>) to be undertaken as per the *WSI* (AOC 2017) as well as satisfying the codes, standards and guidance set out by the ClfA (2014).
- 3.2 The evaluation was conducted using a JCB 3CX utilising a bladed ditching bucket. Trenches were excavated in shallow spits until the natural was reached or the first archaeological horizon, whichever was first. This was undertaken in accordance with AOC Archaeology Group's standard operating procedures as detailed with the *WSI* (AOC 2017).

## 4 RESULTS

- 4.1 The evaluation was carried out on the 7<sup>th</sup> August 2018 in favourable conditions with archaeological visibility remaining good. The various detailed data gathered from the evaluation is presented as a series of appendices:
- Appendix 1 Trench Record
  - Appendix 2 Photographic Register;
  - Appendix 3 Context Register





Plate 2 Post-excavation view of Trench 2 facing NE

- 4.2 In total four trenches totalling 70 linear meters were excavated across the footprint of the new dwelling (**Figure 2**). Trench 3 was stopped short due to a possible service and a small test pit, Trench 4, excavated further down the evaluation area.
- 4.3 All trenches exhibited a similar soil matrix of reddish-brown sandy loam topsoil (001) ranging in depths of 0.40-0.88m overlaying a natural substratum of yellow-orange sandy clay (002).
- 4.4 Trench 1 contained a B-horizon (003) of mixed mid-brown sandy silt and crushed stone to a depth of 0.6m. This appeared to be acting as a levelling material to fill in a natural hollow.
- 4.5 Trench 3 contained Made Ground (Type 1) (005) possibly forming a path when the field was utilised for grazing horses.
- 4.6 Trenches 2 & 3 contained a rubble drain [003], (**Plate 3**) on a northwest-southeast alignment. Probably forming part of post-medieval land improvement activity on the site.



**Plate 3 View of rubble drain [003] from the west**

- 4.7 No significant archaeological finds or features were uncovered during the works.

## **5 CONCLUSIONS AND RECOMMENDATIONS**

- 5.1 The evaluation at Crichton, Pathhead, Midlothian has successfully determined that no significant archaeological finds or features are to be disturbed by the development.
- 5.2 No further works are considered necessary, this decision shall be determined by Helena Gray of ELCAS acting on behalf of Midlothian Council.

## **6 REFERENCES**

AOC 2017 *Crichton, Pathhead, Midlothian Archaeological Evaluation Written Scheme of Investigation*, Unpublished Client Report

CiFA. 2014. *Standard and Guidance for archaeological field evaluation*. Available at: [https://www.archaeologists.net/sites/default/files/CiFA%20Standard%20and%20Guidance%20for%20archaeological%20field%20evaluation\\_1.pdf](https://www.archaeologists.net/sites/default/files/CiFA%20Standard%20and%20Guidance%20for%20archaeological%20field%20evaluation_1.pdf)

Scottish Government 2010 *Scottish Planning Policy*.

Scottish Government 2011 *PAN 2/2011 2/2011 Planning and Archaeology*.



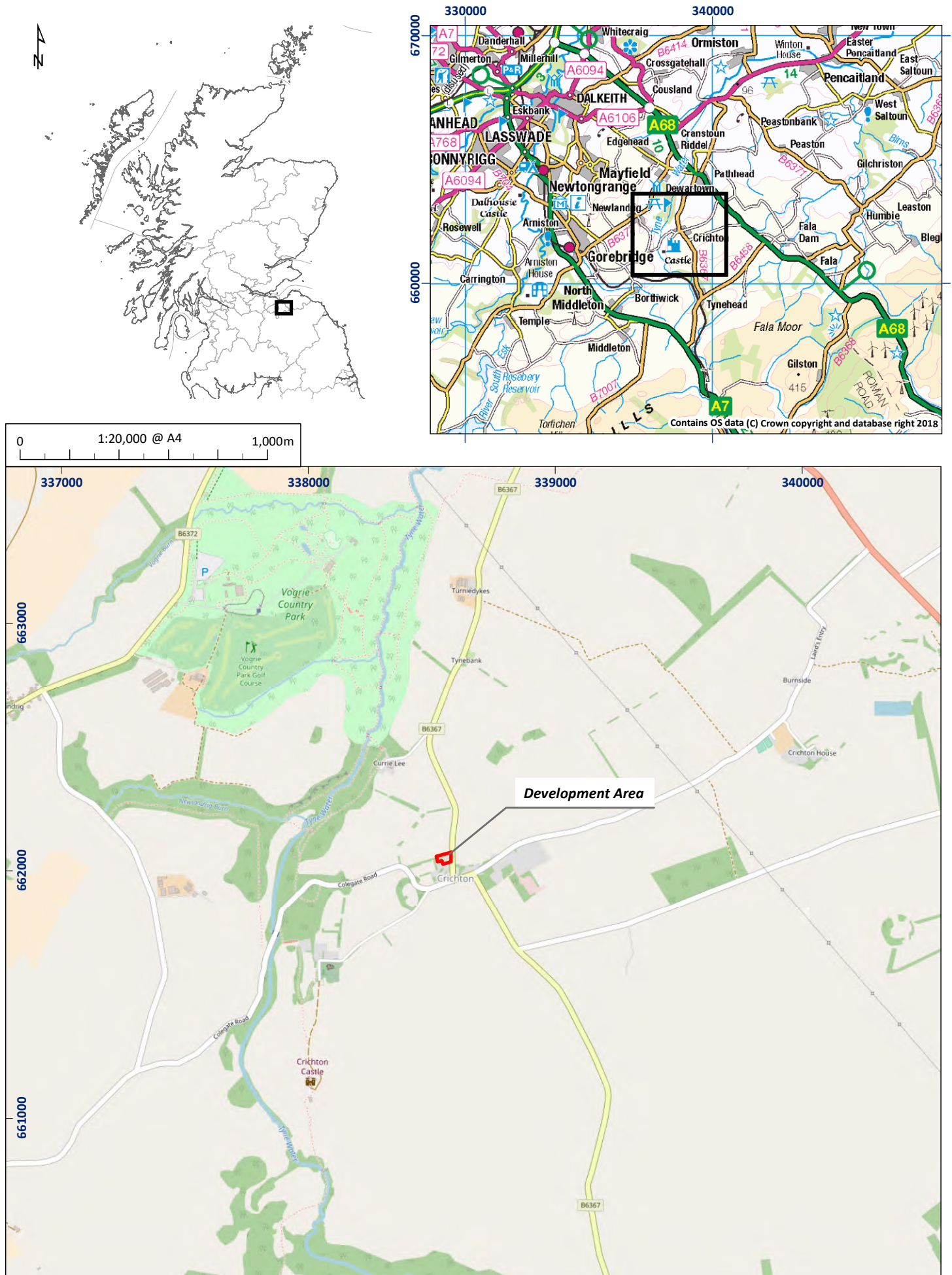


Figure 1: Site location plan

01/24383/DSR/01/01

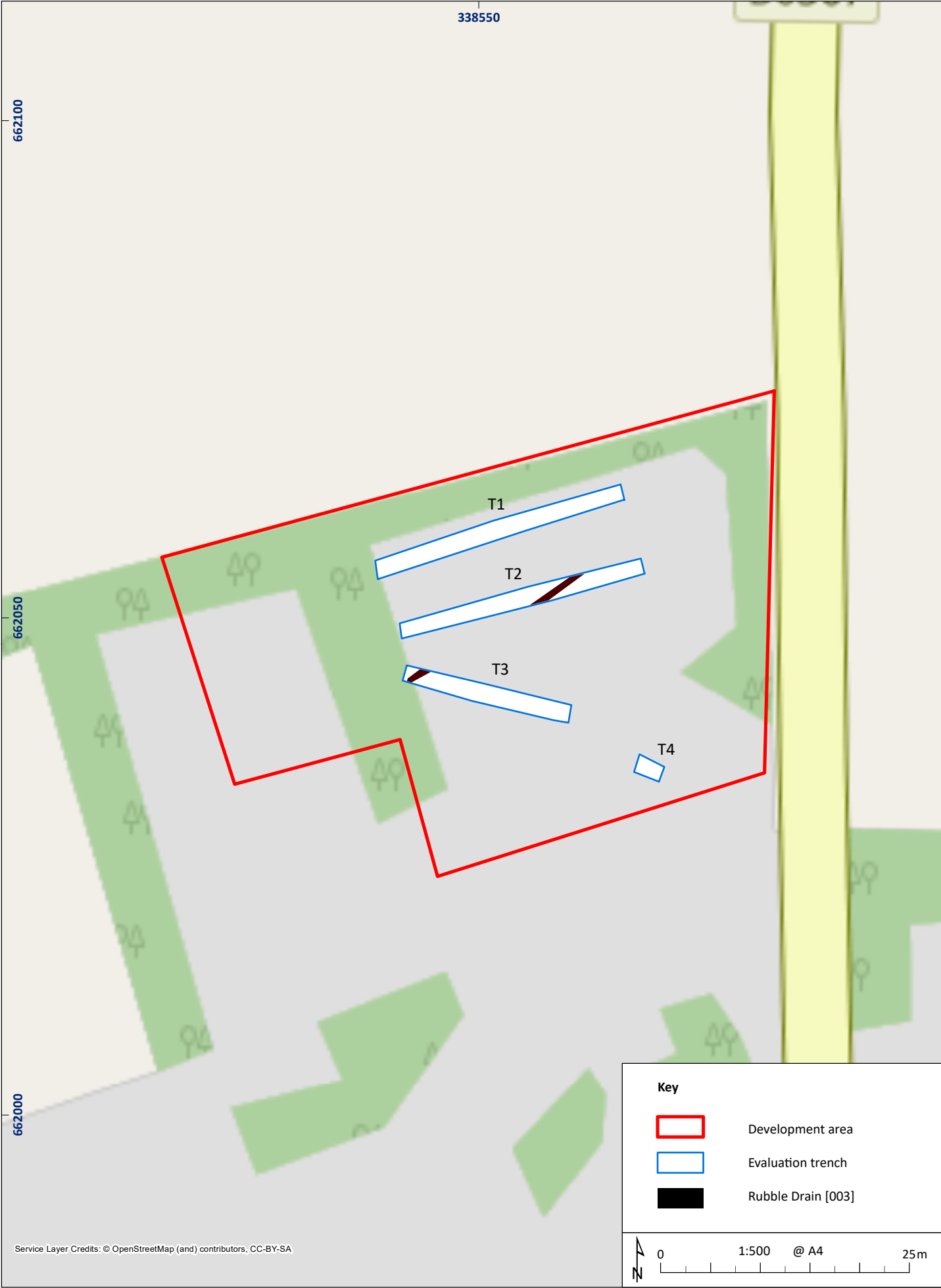


Figure 2: Trench location plan

01/24383/DSR/02/01

# **Crichton, Pathhead, Midlothian Archaeological Evaluation: Data Structure Report**

## **Section 2: Appendices**

## APPENDIX 1: EVALUATION TRENCH RECORD

### Trench 1

<i>Dimensions</i>	25m by 2.0m
<i>Excavated Area</i>	50m <sup>2</sup>
<i>Excavated Orientation</i>	NE-SW
<i>Soil make-up</i>	Topsoil – Red-brown sandy loam – 0.40-0.6 m B-horizon – Mixed brown sandy silt with crushed stone – 0.6m
<i>Natural</i>	Mid yellow-orange sandy clay
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Finds</i>	None

### Trench 2

<i>Dimensions</i>	25m by 2.0m
<i>Excavated Area</i>	50m <sup>2</sup>
<i>Excavated Orientation</i>	NE-SW
<i>Soil make-up</i>	Topsoil – Red-brown sandy loam – 0.47-0.88 m
<i>Natural Subsoil</i>	Mid yellow-orange sandy clay
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain [004] – NW-SE orientation
<i>Finds</i>	None

### Trench 3

<i>Dimensions</i>	15m by 2.0m
<i>Excavated Area</i>	30m <sup>2</sup>
<i>Excavated Orientation</i>	NW-SE
<i>Soil make-up</i>	Topsoil – Red-brown sandy loam – 0.49-0.63 m Made Ground – Type 1 – 0.20m
<i>Natural Subsoil</i>	Mid yellow-orange sandy clay
<i>Significant Features</i>	None
<i>Other Features</i>	SI pit
<i>Finds</i>	None

### Trench 4

<i>Dimensions</i>	5.0 m by 5.0m
<i>Excavated Area</i>	25m <sup>2</sup>
<i>Excavated Orientation</i>	NW-SE
<i>Soil make-up</i>	Topsoil – Red-brown sandy loam – 0.47-0.79 m
<i>Natural Subsoil</i>	Mid yellow-orange sandy clay
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Finds</i>	None

## APPENDIX 2: PHOTOGRAPHIC REGISTER

### Digital

Frame	Description	From
1-7	Pre-excavation views of site	Various
8	Post-excavation Trench 1	SW
9	Post-excavation Trench 2	NE
10	Post-excavation Trench 3	SE
11	View of Rubble Drain [003] in Trench 2	W
12	View of Rubble Drain [003] in Trench 3	W
13	Post-excavation view of Trench 4	SE
14-18	Backfilled trenches	Various
19-24	Views of leaving site	Various

## APPENDIX 3: CONTEXT REGISTER

Context	Description and interpretation
001	Red-brown sandy loam <b>Topsoil</b>
002	Yellow-orange sandy clay <b>Natural</b>
003	Mixed mid-brown sandy silt and crushed stone <b>B-horizon – levelling material</b>
004	<b>Rubble drain</b>
005	Type 1 <b>Made Ground</b>



## APPENDIX 4: 'DISCOVERY AND EXCAVATION IN SCOTLAND' (DES) REPORT

LOCAL AUTHORITY:	Midlothian Council
PROJECT TITLE/SITE NAME:	Crichton, Pathhead
PROJECT CODE:	24383
PARISH:	Pathhead
NAME OF CONTRIBUTOR:	Steven Watt
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NT 385 620
START DATE (this season)	7 <sup>th</sup> August 2018
END DATE (this season)	7 <sup>th</sup> August 2018
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>AOC Archaeology Group was commissioned to conduct an archaeological evaluation at Crichton, Pathhead, Midlothian ahead of a residential development.</p> <p>In total four trenches were excavated totaling 70 linear meters. Land improvement measures were found in the form of a single rubble drain.</p> <p>No significant archaeological finds or features were uncovered. No further work is considered necessary, a decision that will be determined by ELCAS.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Gray Macpherson Architects LLP
ADDRESS OF MAIN CONTRIBUTOR:	AOC Archaeology Group; Edgefield Road Industrial Estate; Loanhead. Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocarchaeology.com
ARCHIVE LOCATION	Archive to be deposited in NMRS



AOC Archaeology Group, **Edgefield Industrial Estate, Edgefield Road, Loanhead EH20 9SY**  
tel: **0131 440 3593** | fax: **0131 440 3422** | e-mail: **edinburgh@aocarchaeology.com**

[www.aocarchaeology.com](http://www.aocarchaeology.com)