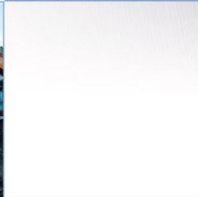
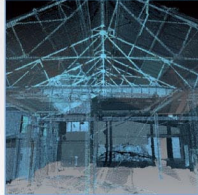
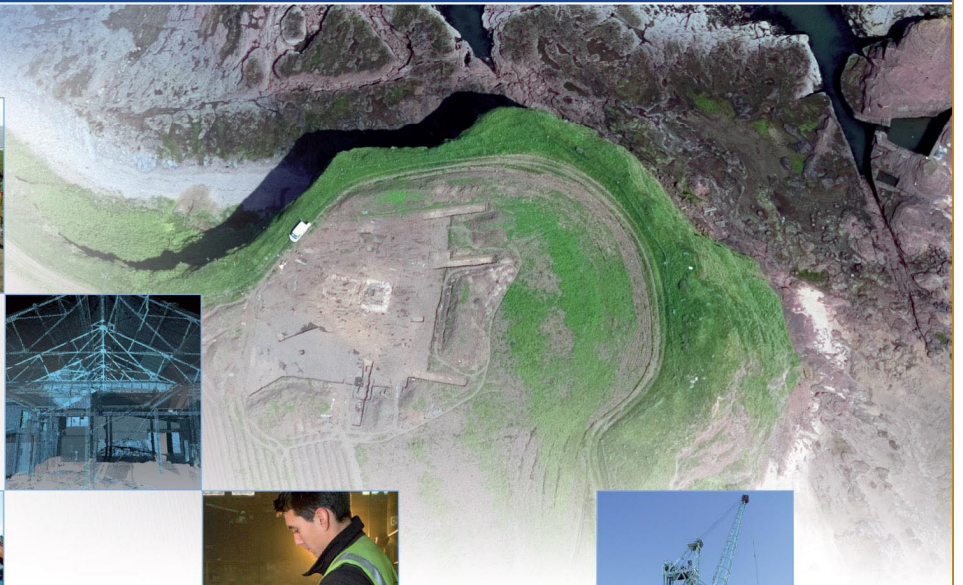
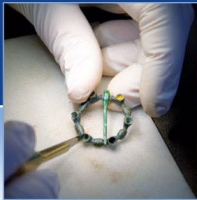


Muirhead Drive, Law, Carluke, South Lanarkshire: Archaeological Evaluation Data Structure Report

OASIS ID: aocarcha1-
AOC Project 24644
19th December 2018
Plan Ref



Muirhead Drive, Law, Carluke, South Lanarkshire: Archaeological Evaluation Data Structure Report

On Behalf of:	Persimmon Homes 180 Findochty Street Garthamlock Glasgow G33 5EP
National Grid Reference (NGR):	NS 82124 52955 (centred)
AOC Project No:	24644
OASIS ID:	aocarcha1-337498
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Illustration by:	Sam O'Leary
Date of Fieldwork:	17 th – 20 th December 2018
Date of Report:	20 th December 2018

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

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Date: 20th December 2018

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Date: 20th December 2018

Draft/Final Report Stage: Draft

Date: 20th December 2018

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Contents

	Page
List of illustrations	4
List of plates	4
List of appendices	4
Abstract.....	5
1 INTRODUCTION.....	6
3 METHODOLOGY.....	9
4 RESULTS	10
5 CONCLUSIONS.....	13
6 BIBLIOGRAPHY.....	13
APPENDIX 1: Trench Descriptions	16
APPENDIX 2: Photographic Record	19
APPENDIX 3: Context Record	Error! Bookmark not defined.
APPENDIX 4: Sample Register.....	Error! Bookmark not defined.
APPENDIX 5: ' <i>Discovery and Excavation in Scotland</i> ' Report.....	20

List of illustrations

Figure 1	Site Location
Figure 2	Trench Layout
Figure 3	Extract from the Roy Map 1747-1755
Figure 4	Extract from OS Six Inch, 1843-1882
Figure 5	Extract from OS Six Inch, 1892-1905
Figure 6	Aerial Image, 1944-1950

List of plates

Plate 1	General view of site conditions
Plate 2	Trench 4 – post excavation
Plate 3	Trench 8 post excavation
Plate 4	Waterlogged area

List of appendices

Appendix 1	Trench Descriptions
Appendix 2	Photographic Record
Appendix 3	<i>'Discovery and Excavation in Scotland'</i> Report

Abstract

This report presents the results of an archaeological evaluation undertaken in respect of a proposed residential development at Muirhead Drive, Law, Carluke South Lanarkshire (centred on NGR: (NS 82124 52999 (centred)).

The evaluation revealed a thin, poorly drained topsoil overlying a natural of heavy boulder clay. Little agricultural improvement had been undertaken and the area had been given over to rough grazing in recent times.

Numerous deeply cut rubble drains were noted across the area.

No significant archaeological material or features were observed.

1 INTRODUCTION

1.1 Site Background

- 1.1.1 A programme of archaeological trial trenching was required by Persimmon Homes to undertake an archaeological evaluation prior to a new development of 157 dwellings and associated infrastructure at Muirhead Drive in the village of Law, Carluke (Planning Ref: P/18/0603). The site lies within the local authority administrative area of South Lanarkshire District Council, who are advised on archaeological matters by the West of Scotland Archaeology Service (WoSAS). These works are required in accordance with *Scottish Planning Policy* (2014) and *PAN 2/2011 Planning and Archaeology* (2011), in order to expose, excavate and record any archaeological remains that would be subject to an adverse impact by the development proposals.
- 1.1.2 The objective of the archaeological evaluation was to determine the existence of any buried archaeological remains within the development area by means of a programme of trial trenching; this covered an 8% sample of the available development area (Stage 1). Secondary works (Stage 2), if necessary, was to involve the implementation of appropriate archaeological mitigation measures, which may consist of further fieldwork (such as excavation) or provision by the development proposals which would allow preservation *in situ* of any buried archaeological material. Stage 3 will include suitable post-excavation analysis and publication of discovered archaeological remains, if appropriate.
- 1.1.3 WoSAS, on behalf of South Lanarkshire Council, will determine the need for further stages of the proposed archaeological programme, as set out in this *Written Scheme of Investigation*. All such further works will be undertaken to the satisfaction of South Lanarkshire Council as advised by WoSAS. This *Written Scheme of Investigation* details how the requirements of the project will be met. The first part is site specific while the Appendices detail AOC Archaeology Group's operating procedures and standards.

1.2 Site Location (Figure 1)

- 1.2.1 The development area at Muirhead Drive (hereafter 'the Site') is located within the village of Law. It is currently in use as agricultural land. The site is bordered by residential dwellings along the southwest and southeast edges, a railway line to the northeast and a pasture field to the northwest. The site is centred on National Grid Reference NS 82072 52955 (Figure 1).

1.3 Archaeological Background

- 1.3.1 There are no known historical sites within the development area. Law is known as being a former mining village created for workers based at the nearby Gillhead Colliery (NS85SW 26) which closed

in 1945. Within Law itself the frontage of a World War One Drill Hall frontage still stands found to the south of site and acted as the base for “F” Company, 8th Battalion, Highland Light Infantry.

- 1.3.2 Southeast of site an evaluation completed in 2005 revealed rig and furrow in a single trench which demonstrates medieval farming activity was present within the area. This is further seen in Roy’s Military Map, Lowlands 1752-55 (Figure 2).
- 1.3.3 There is no development within the area until the end of the 19th Century (Figures 4 & 5) when a number of small cottages appear along the southeast site boundary



Figure 3 Extract from the Roy Map 1747-1755



Figure 4 Extract from OS Six Inch, 1843-1882

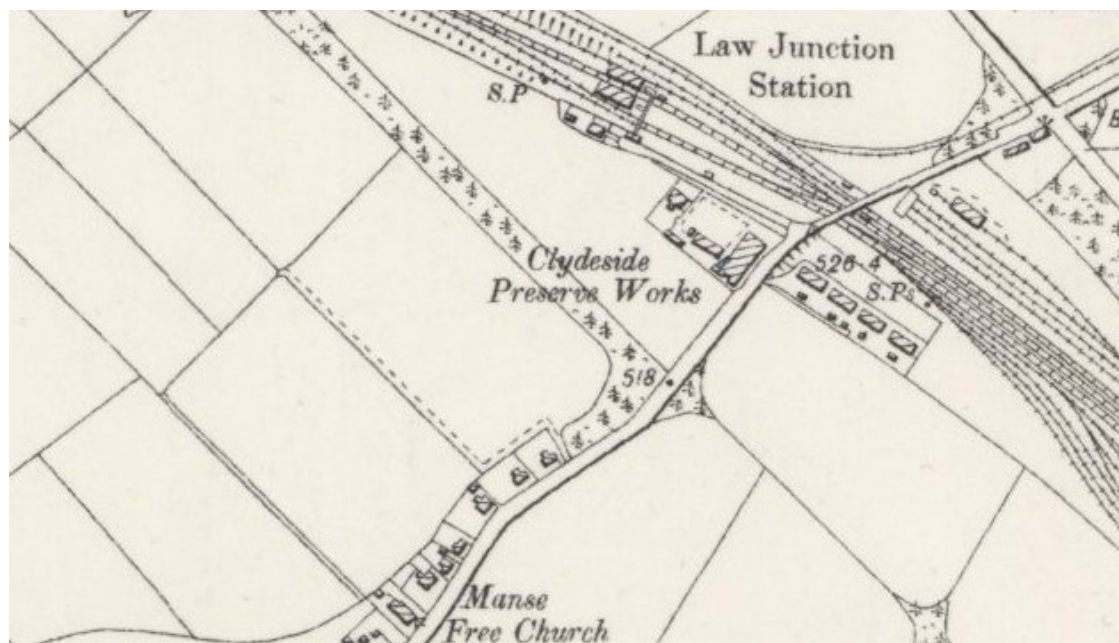


Figure 5 Extract from OS Six Inch, 1892-1905

- 1.2.4 Despite the growth of the village the development area remains mainly unaltered with the exception of a sub rectangular shape within the field (Figure 5) The current landowner has stated that this was the village cricket pitch. This was recorded by aerial photography in the late 1940's.



Figure 6: Aerial Images, 1944-1950

2 OBJECTIVES

- 2.1 The objective of the archaeological works is to determine the character, extent, condition, quality, date and significance of any sub-surface archaeological remains within the Site and, should significant archaeological deposits be discovered, to prepare a mitigation strategy compliant with Scottish Planning Policy (2014) and Planning and Archaeology 2/2011 (2011).

3 METHODOLOGY

- 3.1 The details of the archaeological evaluation, laid out below, were designed to meet the requirements of South Lanarkshire Council as advised by WoSAS, and agreed through the submission of a Written Scheme of Investigation (WSI) (AOC Archaeology 2018).
- 3.2 The original area covered by the proposed development area was c.6 ha. An 8% sample of the area was stipulated equating to 2,400 linear metres of trenching. However, the presence of live services and several open drainage ditches reduced the area available for evaluation. Nevertheless, a total of 1,800 linear metres was completed and good coverage of the area was achieved (Figure 2).

- 3.3 The trenches were opened by two tracked excavators equipped with 2.0 m wide bladed ditching buckets. Excavation was undertaken in units/spits until the first significant archaeological horizon or geological deposits were reached. All machine excavation was supervised by an experienced field archaeologist and undertaken according to AOC Archaeology Group's standard operating procedures, and the methodology within the agreed WSI.

4 RESULTS

- 4.1 The archaeological evaluation was undertaken on the 17th – 19th December 2018. Weather conditions were consistently poor. Despite the conditions, archaeological visibility remained good.
- 4.2 A total of 19 linear trenches were excavated (Figure 2) giving a total of 1850 linear metres.
- 4.3 The site consisted of a single poorly drained pasture field. The area was gently sloping towards the south. Excavation revealed a poor, unimproved agricultural topsoil consisting of a heavy grey brown clay loam. The plough soil ranged from 0.20m to 0.30m in depth and directly overlaid a natural subsoil of stiff, grey boulder clay.



Plate 1: General view of site conditions



Plate 2: Trench 4 – post excavation

- 4.4 Deeply cut rubble field drains were observed in many of the trenches. The drains were placed at 10m intervals and were all orientated north to south. They appear to represent a single attempt to drain the area in the 19th century.
- 4.5 The site was bisected by the remains of a large stand of trees visible on the OS map of 1892 (Figure 5). This contained several open drainage ditches.
- 4.6 No significant archaeological material or features were observed during the evaluation



Plate 3: Trench 8 post excavation



Plate 4: Waterlogged area

5 CONCLUSIONS

- 5.1 The proposed development site was subject to an archaeological evaluation as per the agreed WSI (AOC Archaeology 2018) under conditions set out by WoSAS. The evaluation revealed that the area had undergone limited agricultural improvement during the 19th century and had been given over to rough grazing in recent times. No archaeologically significant finds or features were observed during the evaluation.
- 5.2 Given the lack of significant archaeological findings, it is advised that no further archaeological mitigation is required. This will require verification by WoSAS on behalf of South Lanarkshire Council.

6 BIBLIOGRAPHY

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6.1 CARTOGRAPHIC REFERENCES

Roy's Military Map, Lowlands 1752-1755

OS Six Inch, 1843-1882

OS 25 Inch, 1892 – 1905

Air Photos 1944 - 1950

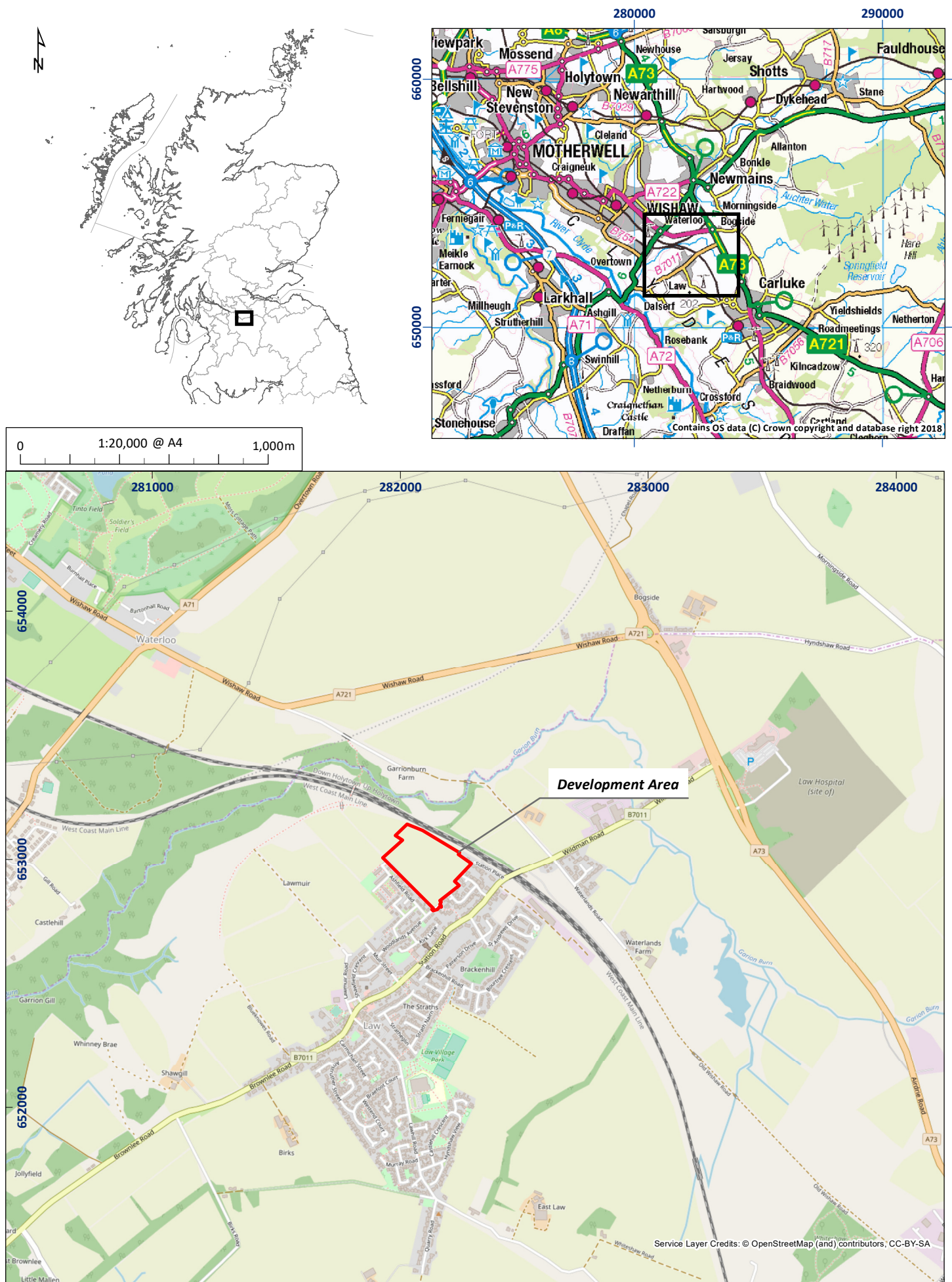


Figure 1: Site location plan

01/24644/DSR/01/01

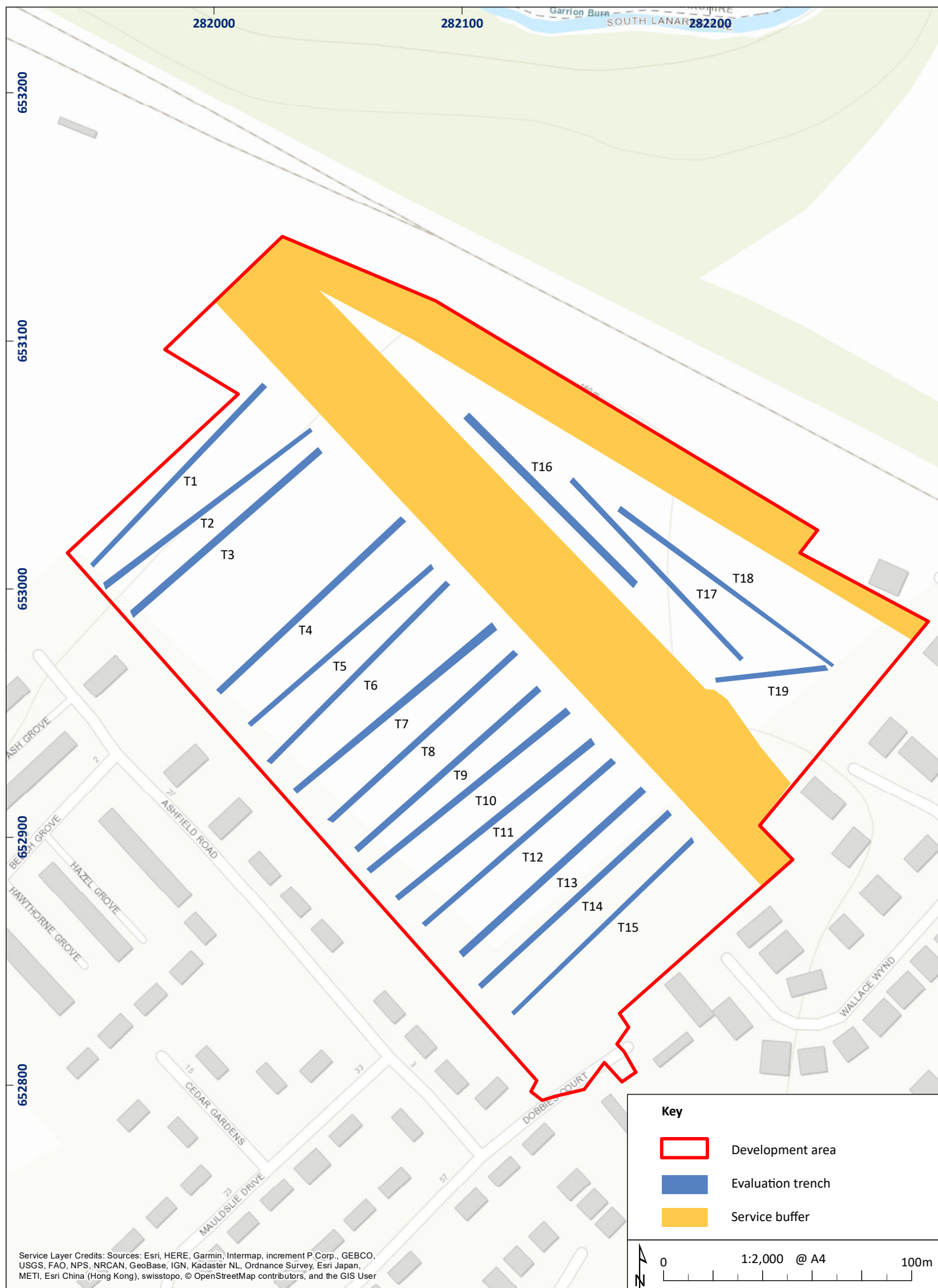


Figure 1: Site location plan

01/24644/DSR/02/01

Muirhead Drive, Law, Carluke, South Lanarkshire: Archaeological Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	None
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 2

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	None
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 3

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 4

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 5

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 6

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m

<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 7

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 8

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 9

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 10

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 11

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 12

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE

<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 13

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 14

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 15

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SW-NE
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 16

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SE-NW
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 17

<i>Dimensions</i>	100 m by 2 m
<i>Excavated Orientation</i>	SE-NW
<i>Excavation Depth</i>	0.25-0.35m
<i>Significant Features</i>	None
<i>Natural Subsoil</i>	Heavy grey boulder clay
<i>Unstratified Finds</i>	Occasional white ceramics
<i>Drains</i>	Rubble at 10m intervals N-S

Trench 18

<i>Dimensions</i>	100 m by 2 m
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Excavated Orientation SE-NW
Excavation Depth 0.25-0.35m
Significant Features None
Natural Subsoil Heavy grey boulder clay
Unstratified Finds Occasional white ceramics
Drains Rubble at 10m intervals N-S

Trench 14

Dimensions 50 m by 2 m
Excavated Orientation NW-SE
Excavation Depth 0.25-0.35m
Significant Features None
Natural Subsoil Heavy grey boulder clay
Unstratified Finds Occasional white ceramics
Drains Rubble at 10m intervals N-S

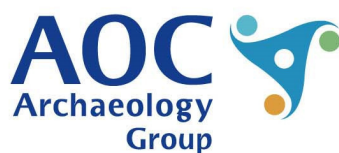
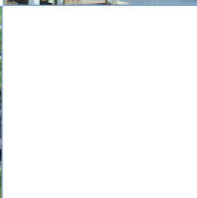
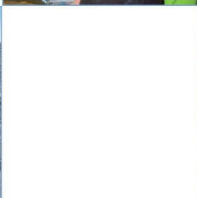
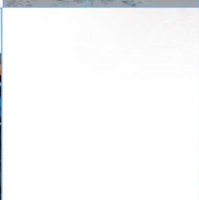
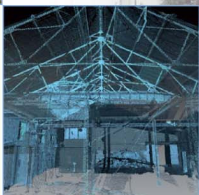
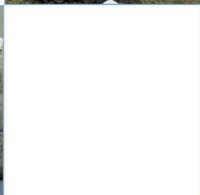
APPENDIX 2: Photographic Record

Digital Photographs

No.	Description	Taken From	Date
1-6	General shots of site pre-excavation	Var.	17/12/18
7	Post excavation shot of Trench 1	E	17/12/18
8	Post excavation shot of Trench 2	W	17/12/18
9	Post excavation shot of Trench 3	E	17/12/18
10	Post excavation shot of Trench 4	E	17/12/18
11	Post excavation shots of Trench 5	W	17/12/18
12	Post excavation shot of Trench 6	W	17/12/18
13	Post excavation shot of Trench 7	W	17/12/18
14	Post excavation shot of Trench 8	E	17/12/18
15	Post excavation shot of Trench 9	E	17/12/18
16	Post excavation shot of Trench 10	W	17/12/18
17	Post excavation shot of Trench 11	W	18/12/18
18	Post excavation shot of Trench 12	E	18/12/18
19	Post excavation shot of Trench 13	E	18/12/18
20	Post excavation shot of Trench 14	W	18/12/18
21	Post excavation shot of Trench 15	W	19/12/18
22	Post excavation shot of Trench 16	E	19/12/18
23	Post excavation shot of Trench 17	E	19/12/18
24	Post excavation shot of Trench 18	NE	19/12/18
25	Post excavation shot of Trench 18	NE	19/12/18
26-35	Waterlogged Areas	var	20/12/18

APPENDIX 5: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	South Lanarkshire Council
PROJECT TITLE/SITE NAME	Muirhead Drive, Law, Carluke, South Lanarkshire
PROJECT CODE:	AOC 24664
PARISH:	Carluke
NAME OF CONTRIBUTOR:	Jess Lowther
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)	NO 82072 52999
START DATE (this season)	17 th December 2018
END DATE (this season)	19 th December 2018
PREVIOUS WORK (incl. DES ref.)	None
MAIN DESCRIPTION: (May include information from other fields)	<p>This report presents the results of an archaeological evaluation undertaken in respect of a proposed residential development at Muirhead Drive, Law, Carluke South Lanarkshire (centred on NGR: (NO 82072 52999 (centred).</p> <p>The evaluation revealed a thin, poorly drained topsoil overlying a natural of heavy boulder clay. Little agricultural improvement had been undertaken and the area had been given over to rough grazing in recent times.</p> <p>Numerous deeply cut rubble drains were noted across the area.</p> <p>No significant archaeological material or features were observed.</p>
PROPOSED FUTURE WORK:	No
CAPTION(S) FOR ILLUSTRS:	---
SPONSOR OR FUNDING BODY:	Persimmon Homes Ltd
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ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS



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