

CFA Archaeology Ltd

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Historic Building Recording


Site & Landscape Survey

Geophysical Survey

**Car Park Proposal,
Bridgend Farm,
Old Dalkeith Road, Edinburgh**

**Archaeological Watching Brief
Report No. 1950**

 0131 273 4380

 0131 273 4381

 info@cfa-archaeology.co.uk

 www.cfa-archaeology.co.uk

CFA ARCHAEOLOGY LTD

The Old Engine House
Eskmills Business Park
Musselburgh
East Lothian
EH21 7PQ

Tel: 0131 273 4380
Fax: 0131 273 4381
email: info@cfa-archaeology.co.uk
web: www.cfa-archaeology.co.uk

Author	Ian Suddaby MA FSA Scot MifA
Illustrator	Graeme Carruthers MA MAAIS MifA
Editor	Melanie Johnson MA PhD FSA Scot MifA
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This document has been prepared in accordance with CFA Archaeology Ltd standard operating procedures.

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1. INTRODUCTION

1.1 General

This report presents the results of an archaeological watching brief undertaken by CFA Archaeology Ltd (CFA) in July 2011 within a proposed car park development at Bridgend Farm, Old Dalkeith Road, Edinburgh (NGR: NT 2799 7098; Fig. 1). The work was commissioned by the City of Edinburgh Council (CEC).

The site lies at the heart of the historic settlement of Bridgend (or Parkneuk) which is associated with the site of both a Royal Hunting Lodge (constructed by James V in the early 16th century) and the site of the late-medieval Lady of Bridgend Chapel, thought also to be constructed by James V. Historic accounts show that by the 18th century the chapel had been converted into stables forming part of a complex of buildings which formed Bridgend Farm. The stables were remodelled c.1800 to form labourers' cottages, which appear on the 1st Edition Ordnance Survey map, located immediately to the north of this application site.

Bridgend is recorded by the National Monuments Record of Scotland (NMRS) No. NT27SE 101.01 and the chapel is NT27SE 101.00.

A Written Scheme of Investigation (WSI) was produced by CFA and agreed by John Lawson of CECAS prior to the fieldwork.

No previous invasive archaeological fieldwork is known to have taken place within the proposed development area prior to this watching brief.

1.2 Objectives

The objectives of the project are to conduct an appropriate programme of archaeological investigation (watching brief) during the excavation of all groundbreaking works associated with the development.

2. WORKING METHODS

2.1 General

CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Fieldwork.

A watching brief was required during all ground breaking works and what was thought to be a large stone capped drain was required to be recorded.

3. ARCHAEOLOGICAL RESULTS

3.1 General

The proposed car park is located to the west of Bridgend Farm and adjacent to Old Dalkeith Road. Disused farm buildings lie adjacent to the south and the current access to the farm and the Bridgend Community Allotments is to the north.

3.2 Watching Brief

Eight sandstone slabs (**001**), each around 1.6m in length and 0.6m in width, were recorded over a length of 8.5m at the south side of the proposed car park, adjacent to the disused farm buildings to the south (Fig. 2). These were believed to be the capping stones for a drain or culvert.

Once recorded, these stones were removed by machine to reveal two brick-lined tanks of unequal length and width (Fig. 3). These were aligned north-east to south-west. A substantial steel beam (**002**) with an 'H' profile overlay the centre of the tanks and supported the lintels. The walls and division between the two tanks were brick and the floors were concrete (Fig. 4).

The tank to the north-east (**003**) measured 3.8m by 1.2m and was 0.9m deep (Fig. 3). A brick plinth (**004**) had been constructed within it to further support the roofing beam and lintels. A ceramic pipe entered the north-east tank at ground level (Fig. 5).

The tank to the south-west (**005**) measured 2.5m by 1.1m and was also 0.9m deep. Both were constructed from a mixture of unfrosted bricks and frosted bricks with a WHITEHILL stamp.

They were filled (**006**) with dirty water, silt and inwashed debris. No finds were recovered.

4. CONCLUSIONS

An archaeological watching brief was carried out during groundbreaking works for a proposed car park at Bridgend Farm, Old Dalkeith Road, Edinburgh.

A row of sandstone lintels at ground level were removed to reveal two brick lined tanks with concrete floors.

The recorded features are most likely to have been slurry tanks or sediment traps associated with the function of the farm buildings. The construction of the tanks, using a mixture of unfrosted bricks and WHITEHILL stamped frosted bricks places their construction after c.1890, as the Whitehill brickworks owned by Archibald Hood at Rosewell operated from c.1890 to 1977 using fireclay excavated from the adjacent coal mine.

Examination of the 1907-1908 Edinburghshire 1:2500 map suggests that the area of the tanks lay within a roofed building which was parallel to, and joined to, the existing building to the south of the proposed car park area. By the time of the 1914 Edinburghshire 1:2500 map this building had been demolished.

It is not certain that the tanks were in contemporary use with the now demolished building and they could have been constructed after its demolition. Their unequal length and width could further suggest two phases of construction.

The responsibility for decisions over future archaeological work lies with City of Edinburgh Council Archaeology Service.

A summary statement of the results of the test pitting will be submitted for publication in *Discovery and Excavation in Scotland 2011* (draft as Appendix 3) and an OASIS record will be completed.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the National Monuments Record of Scotland (NMRS) and copies of reports will be lodged with City of Edinburgh Council Sites and Monuments Record.

5. REFERENCES

1907-1908 Edinburghshire 1:2500: <http://www.old-maps.co.uk/maps.html>

1914 Edinburghshire 1:2500: <http://www.old-maps.co.uk/maps.html>

APPENDIX 1: Photographic Register

Digital Images

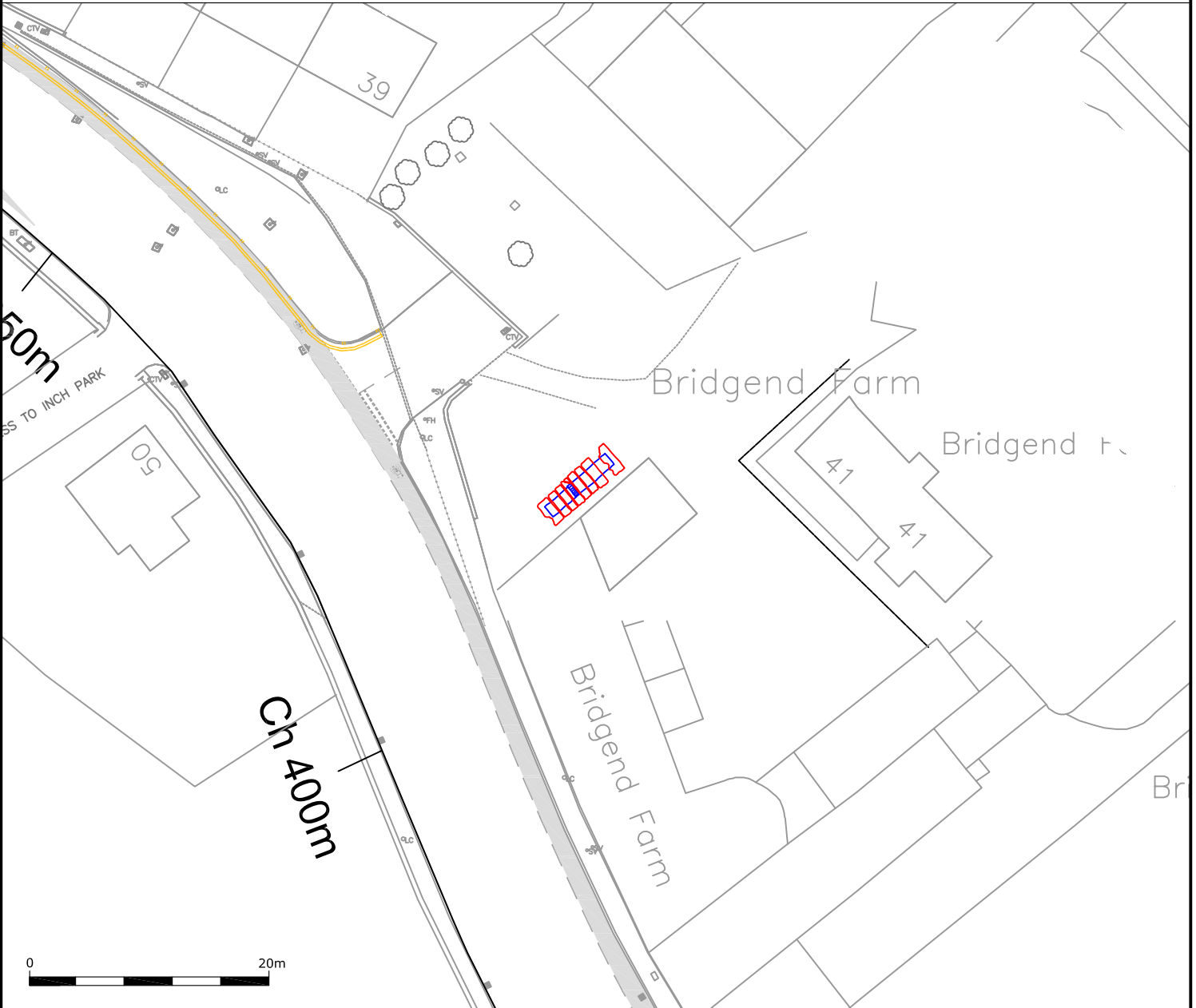
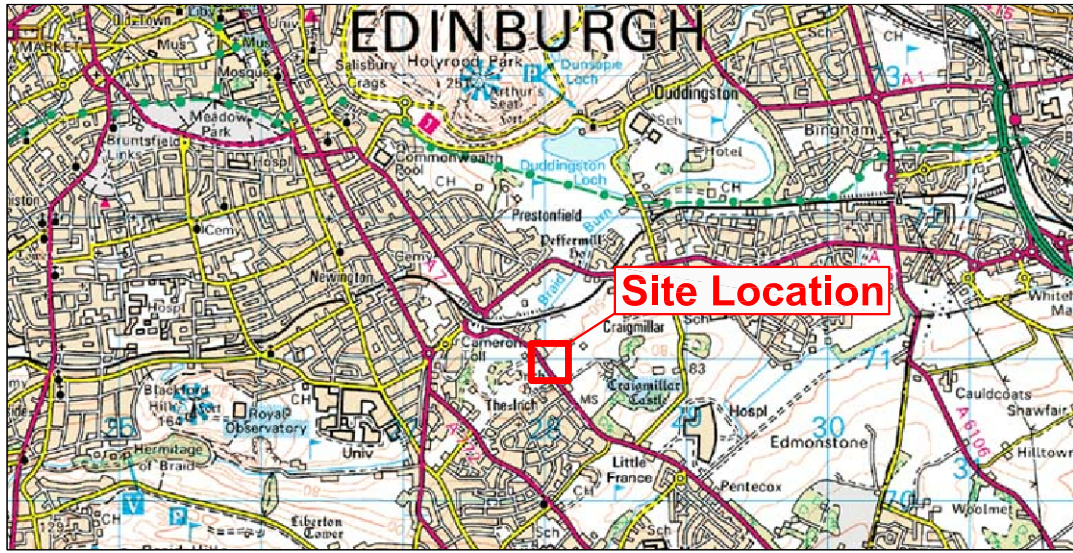
Shot	Description	From	Conditions
1	Stone capping before any work	NE	Overcast
2	Stone capping before any work	SW	Overcast
3	Detail of area with missing capstone showing sandstone lintel and degraded I Beam support and brick support pillar	NE	Overcast
4	Detail of area with missing capstone showing sandstone lintel and degraded I Beam support and brick support pillar	NW	Overcast
5	Structure after the removal of the sandstone lintels	NE	Overcast
6	Sandstone lintels after removal		Overcast
7	Detail of N end of the structure showing the degraded I Beam, the brick central support and the brick dividing wall	SW	Overcast
8	Structure after the removal of the sandstone lintels	NE	Overcast
9	General shot of structure location with farm building to the rear	W	Overcast
10	General shot of structure location with farm building to the rear	W	Overcast
11	General shot of structure pre removal of the fill	SW	Overcast
12	Shot during the pumping out of the fill of the structure	NE	Overcast
13	Picture from the N showing the STR partially emptied and the hole in the brick wall separating the structure	N	Overcast
14	General picture of the sandstone lintels stacked	N	Sun/Shade
15	Structure emptied except for a 5cm of standing water which fills in from the sides	SW	Sun/Shade
16	Structure emptied except for a 5cm of standing water which fills in from the sides	NE	Overcast
17	Detail of overflow pipe in the N end and possible inflow pipe in the E side	SW	Overcast
18	Detail of inflow pipe on the E side of the structure	NW	Overcast
19	Detail of inflow pipe on the E side showing the upstanding farm building to the immediate E of the structure	NW	Overcast
20-22	Digital photos from Lynne at CEC showing the brick tanks after full emptying	NE	Overcast

APPENDIX 2: Context Register

No.	Description
001	Sandstone lintels slabs
002	Steel beam with an H profile
003	Brick structure of the north-eastern tank
004	Brick plinth within tank 003. Not bonded into the base and probably secondary
005	Brick structure of the south-western tank
006	Fill of the tanks. Dirty water and inwashed sediment

APPENDIX 3: Discovery & Excavation in Scotland Entry

LOCAL AUTHORITY:	City of Edinburgh
PROJECT TITLE/SITE NAME:	Brigend Farm, Old Dalkeith Road, Edinburgh
PROJECT CODE:	BRIF
PARISH:	Liberton
NAME OF CONTRIBUTOR:	Ian Suddaby
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Watching brief
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR	NT 2799 7098
START DATE (this season)	July 2011
END DATE (this season)	July 2011
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A watching brief took place during groundworks for s proposed car park at Brigend Farm. A row of sandstone slabs measuring 8.5m by 2.5m were removed to reveal two brick lined tanks with a depth of 0.9m. These tanks may be slurry or sediment traps associated with the farm buildings.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record of Scotland City of Edinburgh Council Sites and Monuments Record



Key:	Lintels
	Tanks
Scale at A4:	1:500

Fig No:	1	Revision:	0	Client:	A
Title: Site plan showing the car park and the location of the tanks					
Project: Bridgend Farm, Old Dalkeith Road, Edinburgh					

	CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park Musselburgh East Lothian, EH21 7PQ		
	t: 0131 273 4380 f: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk		
	Drawn by:	Checked:	Report No:
	SW	LW	1950



Fig 2. View of the tanks with lintels in place, from the north-east

Fig 3. View of the tanks following removal of the lintels, from the south-west



Key:	Fig. No:	2-3	Revision:	A	Client:	City of Edinburgh Council	
	Title:						
Scale at A4:	Project:					 CFA CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park Musselburgh East Lothian, EH21 7PG t: 0131 273 4380 f: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk	
	Bridgend Farm, Old Dalkeith Road, Edinburgh						
Drawn by:		SW	Checked:		LW	Report No:	1950



Fig 4. General view of the emptied tanks, from the south-west

Fig 5. View of the pipe entering the tank

Key:	Fig. No: 4-5	Revision: A	Client: City of Edinburgh Council
	Title:		
Scale at A4:	Project: Bridgend Farm, Old Dalkeith Road, Edinburgh		
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Drawn by: SW		Checked: LW	Report No: 1950