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Historic Building Recording

Site & Landscape Survey

Geophysical Survey

**Juniper Green Primary School,
1A Woodhall Terrace, Juniper Green,
Edinburgh**

**Archaeological Evaluation
Report No. 2110**

CFA ARCHAEOLOGY LTD

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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 evaluation undertaken by CFA Archaeology Ltd (CFA) in August 2012 on the site of a proposed residential development at 1A Woodhall Terrace, Juniper Green, Edinburgh (NGR: NT 1968 6875, Fig. 1). The work was commissioned by Justin Lamb Associates.

A Written Scheme of Investigation (WSI) was produced by CFA and approved by the City of Edinburgh Council Archaeology Service (CECAS).

1.1 Background

An archaeological planning condition for the development included a programme of archaeological evaluation as there was a moderate potential for the preservation of buried archaeological remains. In 1851 a Bronze Age cist burial was found containing the remains of an adult with a beaker pot and another cist and cinerary urns were unearthed in 1898 close to the Juniper Green Primary School.

A Standing Building Survey (Mitchell 2012) had recently been carried out and the buildings coloured red on Fig. 1 were then demolished, with those coloured yellow remaining upstanding. The rubble was crushed and banded in the northern corner of the site (Fig. 2).

1.2 Aims and Objectives

The project's aims and objectives were:

- to evaluate the development area to establish the presence/absence, extent, condition, character, quality and date of any archaeological features or deposits within the proposed development area through trial trenching evaluation; and,
- to establish the significance and vulnerability of any such archaeological features to the proposed development

2. WORKING METHODS

2.1 General

CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance (2010).

2.2 Evaluation

All trenches were excavated using a tracked 360° mechanical excavator equipped with a smooth-bladed ditching bucket under constant archaeological supervision. Any further excavation required to fulfil the objectives of the evaluation was carried out by hand.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms.

Trench positions were surveyed using industry standard surveying equipment and trenches were backfilled once the recording was completed.

3. ARCHAEOLOGICAL RESULTS

3.1 General

Four trenches (Fig. 2) were excavated. These covered 162m² in total, or just over 10% of the development site. The northern corner of the site was unavailable due to a large bund of crushed brick and stone (Fig. 2). A summary of all the trenches is contained in Appendix 1.

In the following text, numbers in bold refer to contexts, a full list of which is contained in Appendix 2.

3.2 Trench Summary

Trench 1 (21m x 2m)

Trench 1 (Figs. 2-3) was orientated NNW-SSE. Deposits in this trench reached 0.4m in depth and consisted of a layer of loose crushed tarmac, brick and stone (**001**) over undulating and disturbed natural subsoil (**003**). The undisturbed natural consisted of a firm yellow silty sand with occasional chunks of creamy-yellow sandstone.

The natural was cut by a trench (**103**) containing a service drain (**104**) and by grubbed-out building foundation trenches (**101, 105, 107**) containing material (**102, 106, 108**) similar to **001**.

Trench 2 (23m x 2m)

Trench 2 (Figs. 2-3) was orientated ENE-WSW. Deposits in this trench reached 0.5m in depth and consisted of a layer of loose crushed tarmac, brick and stone (**001**) over a lens of creamy mortar (**002**) over a yellow-brown silty sand (**004**). This had a clear boundary with the natural below (**003**). The natural consisted of a firm yellow silty sand with occasional chunks of creamy-yellow sandstone to the ENE. To the WSW it was predominantly of angular fragmented sandstone blocks.

The natural was cut by trenches (**203, 205**) containing service drains (**204, 206**) and by a grubbed-out building foundation trench (**201**) containing material (**202**) similar to **001**.

Trench 3 (27m x 2m)

Trench 3 (Figs. 2, 4-5) was orientated N-S. The former building in this area had not truncated the subsoil. Deposits in this trench reached 0.45m in depth and consisted of a layer of loose crushed tarmac, brick and stone (**001**) over a lens of firm crushed tarmac (**005**) over creamy mortar (**002**) over a thin yellow-brown silty sand (**004**). This had a clear boundary with the natural below (**003**). The natural consisted of firm yellow silty sand with frequent chunks of creamy-yellow sandstone.

The natural was cut by trenches (**301, 303, 305, 306, 309**) containing service drains (**302, 304**) and by a more recent drain (**307**) containing a fill of pea gravel (**308**).

Trench 4 (10m x 2m)

Trench 4 (Figs. 2-3) was orientated ENE-WSW and was located along the southern site boundary, outside the area of the former buildings. Deposits in this trench reached 0.35m in depth and consisted of a layer of loose crushed tarmac, brick and stone (001) over a disturbed yellow-brown silty sand (004). This had a clear boundary with the natural below (003). The natural consisted of a firm yellow silty sand with frequent chunks of creamy-yellow sandstone.

The natural was cut by a single trench (401) containing a service drain (402).

4. CONCLUSION

Four trenches were excavated, covering 162m² (10% of the development area).

Modern deposits of crushed rubble and mortar overlay natural within the area of the now demolished substantial buildings in the south of the site. Elsewhere, these deposits overlay a yellow-brown soil. The natural was a firm and well-drained silty sand with chunks of slabby sandstone. Levels were constant across the site, suggesting the site was not levelled prior to the construction of even the more substantial buildings.

Two phases of drainage system were identified: a more recent system represented by unglazed ceramic pipes and an earlier phase represented by glazed ceramic pipes. Frogged bricks in the earlier drains included CAMPS and NCB ROSLIN, suggesting substantial groundworks took place after 1947 when the National Coal Board was created.

Based on the results of the evaluation CFA recommend that no further work is required on the site, however, the responsibility for deciding the scope of further work required lies solely with the City of Edinburgh Council Archaeology Service (CECAS).

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 the City of Edinburgh Council Sites and Monuments Record.

A summary statement of the results of this evaluation will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 5) and the project will also be reported on through *OASIS Scotland*.

5. REFERENCE

Mitchell, S 2012 *Juniper Green Primary School, Juniper Green, Edinburgh. Standing Building Survey, Report No. 2057*. CFA Archaeology Ltd, Unpublished Report

APPENDIX 1: Evaluation Trench Summary

Trench No.	Dimensions (m)	Total Area (m ²)	Trench Depth (m)	Comments/Contexts
1	21 x 2	42	0.4	Foundation trenches and drains
2	23 x 2	46	0.5	Foundation trench and drains
3	27 x 2	54	0.45	Drains
4	10 x 2	20	0.35	Drain

APPENDIX 2: Context Register

Context No.	Description
001	Loose crushed tarmac, brick and stone
002	Creamy mortar
003	Natural. Yellow silty sand and varying quantities of creamy-yellow sandstone
004	Yellow-brown silty sand soil
005	Firm crushed tarmac
101	Grubbed-out foundation trench
102	Loose rubble and cement fill
103	Cut for foul drain
104	Glazed ceramic pipe and mixed fill
105	Shallow cut made during demolition
106	Loose fill of broken small stones, yellow-brown soil and brick flakes
107	Shallow cut made during demolition
108	Loose fill of broken small stones, yellow-brown soil and brick flakes
201	Grubbed-out foundation trench
202	Loose rubble, bricks, etc CAMPS
203	Cut for several foul drains
204	Mixed fill including, fragments of broken drains-NCB ROSLIN
205	Cut for foul drains
206	Mixed fill, two types A) Redeposited rock and silty sand B) Dark brown silty sandstone chunks and brick fragments
301	Linear cut for drain
302	Grey-yellow compact sandstone fragments and sandy silt
303	See 301
304	Mixed fill including concrete, tarmac, drain chunks, compact yellow-brown sandy silt and stones
305	Cut for wider (main?) Drain
306	See 301
307	See 301, though more recent
308	Pea-green gravel over ceramic pipe
309	See 301
401	Cut for drain
402	Mixed fill, mostly re-deposited sandstone fragments but some dark brown silty sand and demolition debris. Camps bricks

APPENDIX 3: Photographic Register

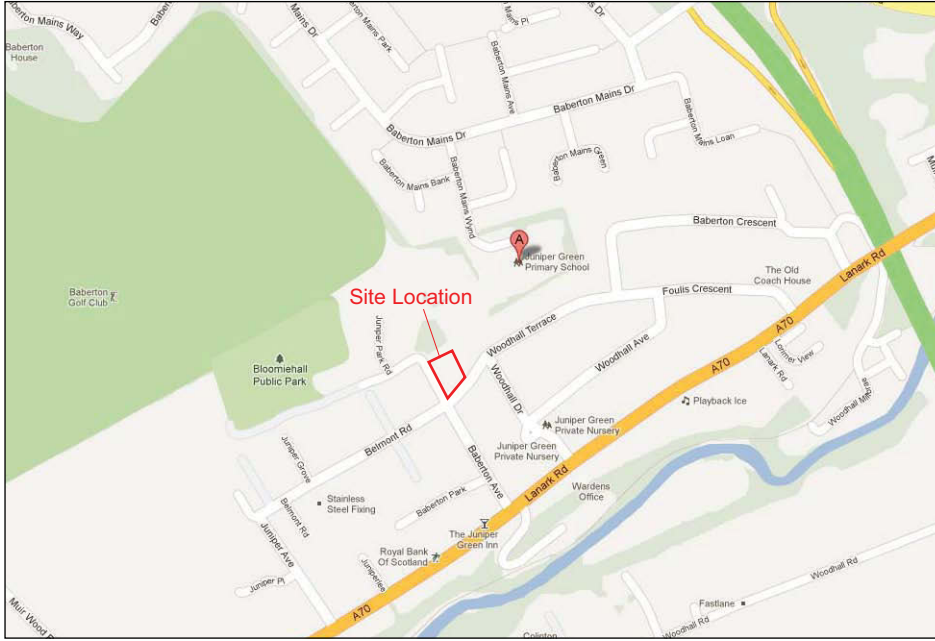
Number	Description	From	Conditions
140-1	Tr.1-Gen. View	SSE	Overcast
142	Tr.4-possible pit 401	N	Overcast
143	Tr.4-possible pit 403	W	Overcast
144	Tr.4-possible pit 401 (section)	NNW	Overcast
145	Tr.4-possible pit 401 (post-ex plan)	NNW	Overcast
146	Tr.1-Gen. View	NNW	Overcast
147	Tr.4-possible pit 403 (section)	WSW	Overcast
148	Tr.4-possible pit 403 (post-ex plan)	WSW	Overcast
149	Tr. 2-Gen. View	ENE	Bright
150	Tr. 2-foul drains in cut 203-4	NNW	Bright
151	Tr.2-foul drain in cut 205-6	E	Bright
152	Tr.2-Gen. View	WSW	Bright
153	Tr.1-SW facing section	SW	Overcast
154	Tr.2-SE facing section	SE	Overcast
155	Tr.4-NW facing section	NW	Overcast
156	Tr.3-Gen. View	SSE	Overcast
157-9	Site- Gen. Views	Var.	Overcast
160	Tr.3-Gen. View	NNW	Overcast
161	Tr.3-WSW facing section	WSW	Overcast
162	Tr.1-Foundation Trench	E	Overcast
163-4	Site- Gen. Views	SE	Overcast

APPENDIX 4: Drawing Register

Number	Description	Section/Plan	Scale
1	Trench 1 general plan	Plan	1:50
2	Trench 2 general plan	Plan	1:50
3	Trench 3 general plan	Plan	1:50
4	Trench 4 general plan	Plan	1:50

APPENDIX 5: Discovery & Excavation in Scotland Entry

LOCAL AUTHORITY:	City of Edinburgh
PROJECT TITLE/SITE NAME:	1A Woodhall Terrace, Juniper Green, Edinburgh
PROJECT CODE:	JUGS
PARISH:	Currie
NAME OF CONTRIBUTOR:	Stuart Mitchell and Ian Suddaby
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Historic Building Recording, Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 10 figures)	NT 19680 68750
START DATE (this season)	May 2012
END DATE (this season)	August 2012
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>A standing building survey (level 2) was carried out by CFA Archaeology Ltd prior to alterations at Juniper Green Primary School, Juniper Green, Edinburgh.</p> <p>The school is situated at the corner of Woodhall Terrace and Baberton Avenue and comprises a complex of Victorian buildings dating from 1874 to 1910. The school has a 'Z' shaped layout and has two main storeys a third storey contained within a stairwell. The lower half of the school is built mainly of sneck-bonded red sandstone with ashlar quoins at corners, windows and doors. The upper half is harled. The interior contains numerous classrooms, a large main hall and a few offices and cupboards. Original roof trusses are visible in two of the rooms.</p> <p>A trial trenching evaluation was undertaken prior to development. A number of Bronze Age burials have previously been found in the area.</p> <p>Four trenches were excavated, amounting to 162m² (10%) of the development site. No features were present other than wall foundations and drains relating to the most recent buildings on the site.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	-
SPONSOR OR FUNDING BODY:	Justin Lamb Associates
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 (archive) City of Edinburgh Council Sites and Monuments Record (report)



Key:



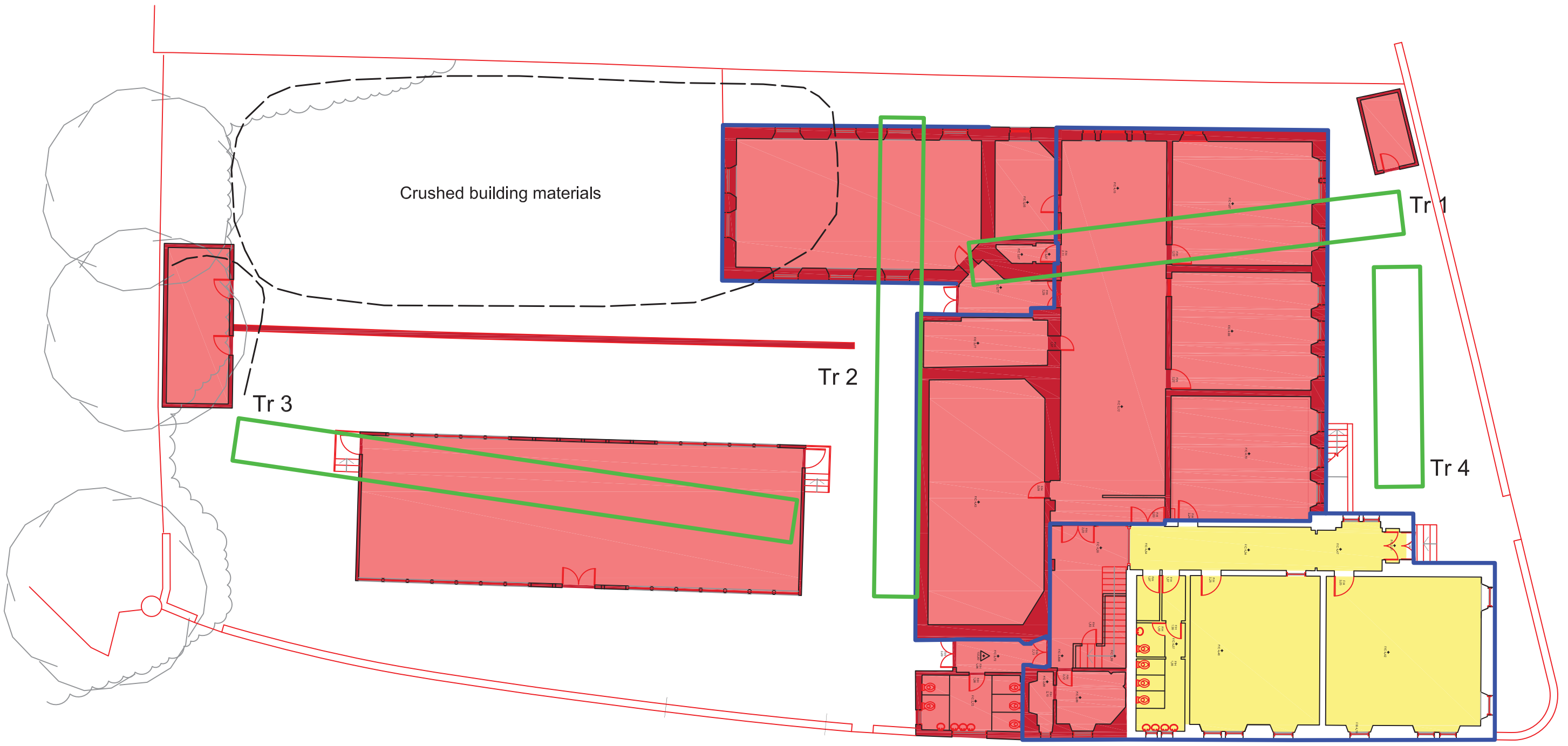
Fig. No:	1	Revision:	A	Client:	Justin Lamb Associates
Title: Location Map					
Project: Juniper Green Primary School Juniper Green, Edinburgh					

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Drawn by:	Checked:	Report No:
LW	LW	2110



- Buildings to be demolished
- Buildings to be retained



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Fig. No: 2	Revision: A	Drawn by: LW	Checked: LW	Report No: 2100	Client: Justin Lamb Associates
Title: Trench Plan			Project: Juniper Green Primary School, Juniper Green, Edinburgh		Scale at A3: 1:200

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Fig. 3 - General view of Trenches 1, 2 and 4 to the south of the site



Fig. 4 - General view of Trench 3 from the north



Fig. 5 - Trench 3 section

Figures: 3-5	Revision: A	Project: Juniper Green Primary School, Juniper Green, Edinburgh		
Drawn by: LW	Checked: LW	Report No: 2110		
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