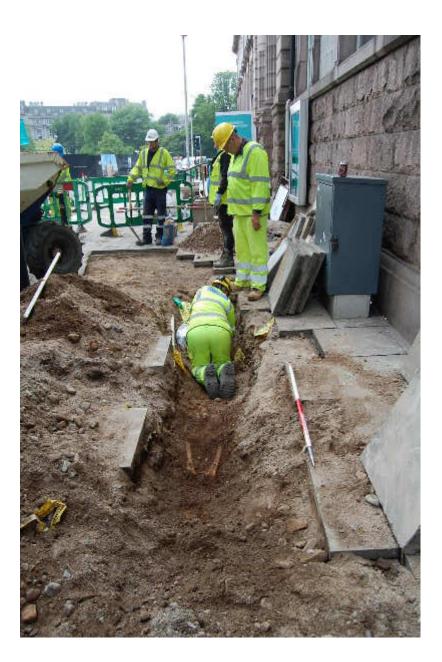
ADMINISTRATION BUILDING, ROBERT GORDON UNIVERSITY, SCHOOLHILL, ABERDEEN AB10 1FR

REPORT ON ARCHAEOLOGICAL WATCHING BRIEF AND EXCAVATION AND DATA STRUCTURE REPORT (DSR)



Alison Cameron Cameron Archaeology 18 August 2015

CONTENTS

1 INTRODUCTION	4
2 ARCHAEOLOGICAL BACKGROUND	5
3 THE WATCHING BRIEF AND EXCAVATION	7
Trench 1	8
Robber trench 16 and wall foundation 65	8
Burials	8
Trench 2	13
4 REFERENCES	14
5 ACKNOWLEDGEMENTS	15
APPENDIX 1 MAPS	16
APPENDIX 2 CONTEXTS	18
APPENDIX 3 SKELETONS	19
APPENDIX 4 SMALL FINDS	20
APPENDIX 5 THE OTHER FINDS	20
APPENDIX 6 HISTORICAL RESEARCH ANNE JOHNSTON	23
APPENDIX 7 PHOTOGRAPHS	30

ILLLUSTRATIONS

Cover recording SK1 with SSE staff installing new electricity cabling

Illus 1 Site location	4
Illus 2 Plan showing area of proposed development with proposed substation	6
Illus 3 Plan showing Trench 1 and Trench 2 with main features	7
Illus 4 Robber trench 32 (right) a with SK2 with head buried against the E face wall	8
Illus 5 SK10 showing poor condition of the bones partially due to burial in natural gravels	10
Illus 6 Trench 1 SK8 (left foreground) SK9 (bottom right), SK7, SK6 and uncovering SK 11	. 9
Illus 7 SK11 (foreground) aligned SW-NE with flexed arms and SK5 (top) aligned W-E	. 11
Illus 8 SK13 detail of pillow stones on either side of skull and large stone in mouth	. 11
Illus 9 Uncovering SK24 (left) and Sk25 (right) in trench under archway	12
Illus 10 Four burials were left in situ as they were below the required trench depth	12
Illus 11 SK1 under the pavement in front of Aberdeen Art Gallery; facing SE	13
Illus 12 Wall foundation 11; facing SE	.14
Illus 13 Parson James Gordon's map of Aberdeen, 1661	16
Illus 14 John Wood map of 1828 with proposed site marked in red	.16
Illus 15 Ordnance survey maps with proposed substation base and cabling trench in red	. 17
Illus 16 Face-mask jug from cleaning above robber trench 16	
Illus 17 Floor tile from cleaning above robber trench 16	21
Illus 18 Large ceramic floor tile with worn green glaze	. 22
Illus 19 Finds recovered from black garden soil 13 sealing the burial soil below	. 22

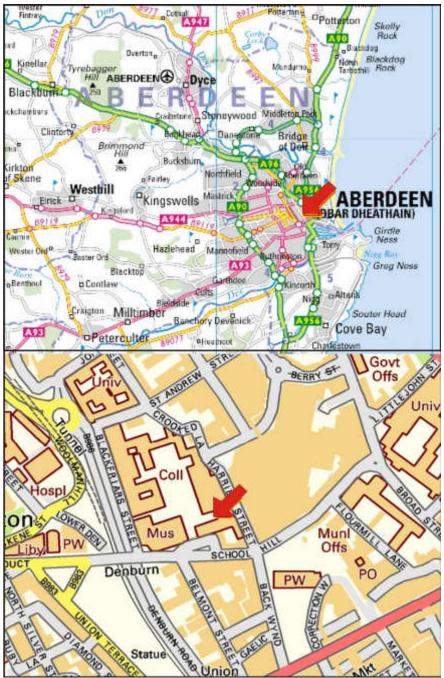
SUMMARY

A watching brief and subsequent excavation was carried out between 2 and 15 July 2015 including excavation between 10-14th July. Trench 1 the substation and cabling within the Robert Gordon University quadrangle produced 29 burials (of which 25 were lifted) and a robber trench, possibly for the east wall of the Blackfriars church.

There is no further requirement for fieldwork at this site as the substation has been constructed and the cabling laid but a Post-Excavation Research Design (PERD) will be produced detailing the costings for the post-excavation and publication.

1 INTRODUCTION

The site is at NJ 93951 06375, in the parish of Aberdeen and at 15-20m OD. It is on the north side of the Administration block of Robert Gordon University on the north side of Schoolhill, Aberdeen. Aberdeen City Council Planning application P141541 for erection/installation of an electrical sub-station unit was approved on 24.2.15 with a condition (condition 1) for archaeological work to be carried out; Aberdeenshire Council Archaeology Service (who cover Aberdeen City) require an archaeological evaluation of the proposed substation footprint and the new track for cabling.



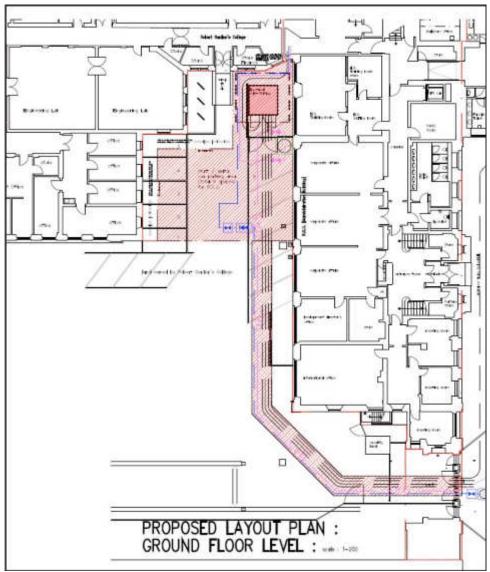
Illus 1 Site location (*Contains Ordnance Survey data* © *Crown copyright and database right 2015*).

2 ARCHAEOLOGICAL BACKGROUND

- 2.1 This site is outwith the medieval 'ports' but archaeological work has shown that it was intensively occupied in the medieval and post-medieval period.
- 2.2 Robert Gordon's College and University are on the site of the Dominican friary (NJ90NW 27). The site of a Dominican house founded between 1230 and 1249 by Alexander II, who is said to have bestowed on it his palace and garden situated between Schoolhill, Blackfrairs Street, Woolmanhill, St Andrews Street and Harriet Street. The bounding wall of the property, 'very high but for the most part ruined', was extant in 1661, although both the monastery and its church, dedicated to St. John the Baptist, had been completely destroyed by reformers in 1560. Excavations in 1833 revealed a south-facing building belonging to the monastery, as well as a stone-built grave 6' by 4' of unworked stones cemented with lime and containing three bodies, one of them apparently young. The site is now occupied by Robert Gordon's College (Easson 1957).
- 2.3 At 2-20 Harriet Street immediately east of the proposed development, cobbling and walls and medieval pottery were found during an excavation in 1977 (Stones 1977, 4; Murray 1982, 170; NJ90NW 118). A medieval pit was excavated at the rear of the Robert Gordon University Students' Union near the junction of Schoolhill and Harriet Street (NJ90NW 2614). It was at least 3.8m in diameter and survived to a depth of 1m; it contained a small number of sherds of medieval pottery. This pit lay in a previously untested portion of the site at 2-16 Harriet Street excavated in 1977: its presence suggests a slightly higher level of medieval survival than was reported at the time (Harding 2003, 12).
- 2.4 There are references in the 18th and 19th centuries to human remains being found on the site of Aberdeen Art Gallery. A cist (NJ90NW 169) was found at the site of the Art Gallery in 1883 (Wyness 1965, 292).
- 2.5 Excavations prior to the library extension at Robert Gordon's College ('Auld Hoose') found part of a ditch which may have been related to the fortification of the then Robert Gordon's Hospital by the Duke of Cumberland's troops when they were billeted there immediately before Culloden (Cameron 2000, 7). Fragments of human bone were found during this work and this may reflect the amount of ground disturbance and soil moving during the construction of this fortification.
- 2.6 In 2009 during landscaping in front of Robert Gordon College, 40m NW of the proposed site, traces of walls, disarticulated human bone, stone slates and window glass fragments were found relating to the Dominican Friary (Cameron 2009, 11).
- 2.7 Two test pits were observed in 2012 on the exterior of the north and east walls of the Art Gallery, close to the location of this proposed development. An earlier lime-bonded sandstone foundation was observed on the north wall and a stepped foundation on the east wall; medieval and post-medieval finds were recovered from mixed soils on the test pits (Hall 2013, 10) and a fragment of human bone (Hall pers comm).
- 2.8 A total area of 1,500 sq m was examined, encompassing a large backland site up to 10m from the street frontage, which was itself inaccessible because of listed building constraints. The site lay c 6m W of the site excavated at 42 St Paul Street (NJ90NW 86). Much of the late medieval/early post-medieval deposits had been scarped during 19th century development, but sufficient remained to allow some appreciation of the area to be made. It seems probable that this site was not developed so early or so intensively as 42 St Paul Street, suggesting that settlement developed gradually downhill from the

Broad Street-Castle Street centre of the burgh. A clay foundation running N-S probably represented a 13th-14th century boundary. No other early boundaries were recorded but were probably on the lines of modern property divisions and have long since disappeared. The bottoms of a number of earthfast posts may represent a medieval building near the frontage, but all other evidence of it had been obliterated. A number of medieval pits, of which three were very straight-sided and regular in shape, may have originally been storage pits. A post in the corner of one may suggest that this one at least had a superstructure as inferred from a similar example at 42 St Paul Street. A post-medieval (17th century) pit had been lined with thin strips of timber. Medieval finds included a bone knife handle and a fragment of decorated wood perhaps from a casket (Stones 1987, 16-17). Other waterlogged medieval sites have been excavated (for example Roy 2008, 11-12; Murray 1982, 110, 112).

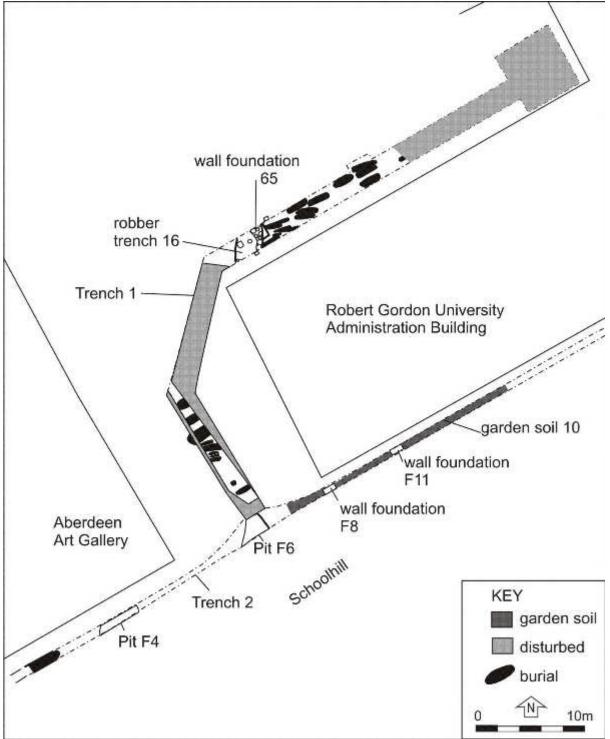
2.9 Ordnance survey maps show that the proposed substation base is to be located in an open area between buildings during the mid 19th and 20th centuries (Illus 5). The cabling trench runs along the line of the north wall of the 'Old Grammar School' (First Edition), later the 'Art Gallery and Industrial Museum Buildings'.



Illus 2 Plan showing area of proposed development with proposed substation (dark pink) and cabling trench (*copyright Halliday Fraser Munro*)

3 THE WATCHING BRIEF AND EXCAVATION

Two trenches were subjected to a watching brief and then subsequent excavation in Trench 1 between 2 and 15 July 2015 (Illus 2, 3). Trench 1 was the sub-station and cabling trench which was the subject of the WSI. During the watching brief of Trench 1 a pair of adult human tibiae were recovered during a small hand-dug test pit by SSE staff and as a result a watching brief was also carried out on this trench and the grave and pits were recorded.



Illus 3 Plan showing Trench 1 and Trench 2 with main features

Trench 1

This trench was excavated for a new substation on the NW and SW sides of the RGU administration building (Illus 3).

Robber trench 16 and wall foundation 65

A robber trench, 16, oriented N-S was 1.05m wide and a maximum of 0.4m deep (Illus 4). It was filled with loose mortar, stones and a small number of finds including stone roof tile fragments, mammal bones and a copper alloy pin. On the E side of the robber trench a number of stones bonded with light brown patchy clay (65) is probably the remains of the bottom of the foundation of the wall which had been left *in situ* when the remainder of the walling material was robbed.

The area E of this robber trench was filled with graveyard soils and burials (see below). The area of the trench W of 16 was very disturbed by services but two areas of disturbed human remains along with several floor tiles suggested that this was the interior of the structure.

These remains are interpreted as one of the walls of the Blackfriars friary and may have been the location of the E wall of the Blackfriars church due to the orientation, finds and the proximity of a number of burials to the E side of this wall (see below).



Illus 4 Robber trench 32 (right) with SK2 with head buried against the E face wall; facing SE

Burials

Twenty nine burials were identified and 25 of those were fully excavated during this project. The burials at the E area were discrete and did not cut into each other (Illus 5) whilst those immediately adjacent to wall foundation 65 were intercutting with multiple levels of burial.

The burials contained grey clay loam incorporating some of the natural subsoil which is a reddish brown waterwashed stone and compact sand. The most easterly burial (SK10; Illus 6) had been cut by an electric cable and the whole area to the E of this burial had been disturbed down to the level of the natural prior to this work. The fill of SK10 was a proportionally large amount of subsoil and it is interpreted as being towards the eastern boundary of the Blackfriars complex where the burials were less intense and there was therefore less graveyard soil.

There were few finds in the grave soils suggesting that the area occupied by the Blackfriars had not been intensely occupied before their arrival and had not been used for rubbish dumping.



Illus 5 Trench 1 SK8 (left foreground) SK9 (bottom right), SK7, SK6 and uncovering SK 11 (top); facing SW



Illus 6 SK10 showing poor condition of the bones partially due to burial in natural gravels; the burial was also cut by a trench for an electric cable (bottom left); facing SE

All the burials were oriented E-W or ENE-WSW (Illus 7) with heads to the W and WSW. All the burials were prone with extended legs and extended or flexed arms. Two burials had pillow stones placed beside the head and a large stone within the mouth (Illus 8). Ten of the burials were in coffins and wood-covered iron nails were recovered but no other wood was identified. No lace-ends, copper pins or twisted wires were found and no copper alloy stains on the bones suggesting that if shrouds were present they were not pinned using copper alloy objects. One copper alloy pin was recovered in good condition from the mortar of robber trench 16. No other objects were recovered from the graves and very little pottery and bone was recovered from the fills.



Illus 7 SK11 (foreground) aligned WSW-ENE with flexed arms and SK5 (top) aligned W-E; facing SE



Illus 8 SK13 detail of pillow stones on either side of skull and large stone in mouth; facing W

The SE leg of the trench also contained a number of W-E and WSW-ENE burials dug into the waterwashed pebble natural subsoil. The bone was generally in poor condition and a

number of services had disturbed the graves. A series of services in a trench along the NE edge of the trench had taken the feet end of most of the burials and a water pipe along the SW edge of the trench had removed the head end of several burials. One burial (SK24; Illus 9) had been cut through the upper body by this water pipe but extension of the trench revealed the skull remained on the SW side of the service trench. Two burials in this trench were left *in situ* in this trench as they were below the level of the excavation required for the cabling (Illus 10).



Illus 9 Uncovering SK24 (left) and SK25 (right) in trench under archway; these burials were poorly preserved and cut by several services; a trench for a water pipe can be seen running across the middle of the photo; facing SW



Illus 10 Four burials were left *in situ* as they were below the required trench depth; the spine of SK26 was joined by a root running down the hole for the spinal cord; facing NW

A very dark grey compact garden soil survived under the current car park surface at the E end of Trench 1. It contained 18th (and possibly early 19th) century pottery and clay pipes and was sealing the burial soils. It is presumably associated with the gardens of the Old Grammar School.

Trench 2

Trench 2 was excavated along the S side of Aberdeen Art Gallery and the RGU Administration building (Illus 3). SK1 was recovered from this trench under the pavement in front of the Art Gallery (Illus 11); it was oriented WSW-ENE and was 0.3-0.4m below the current pavement. It was in a shallow grave cut which has had been cut at the head end by a previous electricity cable trench and along the SE edge by a fibre optic cable which narrowly missed removing the burial. Garden soil was recorded around this burial and to the NE and two pits or cuts (F4 and F6; Illus 3) were also filled with garden soil. Cut into this garden soil were two parallel wall foundations (8 and 11; Illus 12) 0.8m wide and constructed of large granite fieldstones bonded with off-white lime mortar. They were 5m apart. These are interpreted as post-medieval and remains of the 'Old Grammar School' recorded on the 1st edition OS map (Illus 15). Survival of archaeological remains was surprisingly good considering the amount of services and development in the area.



Illus 11 SK1 under the pavement in front of Aberdeen Art Gallery; facing SE



Illus 12 Wall foundation 11; facing SE

4 CONCLUSIONS AND RECOMMENDATIONS

The excavated trenches revealed well-preserved remains of burials and structures dating to the medieval period when the Blackfriars occupied much of this land. Further research is required and a Post-Excavation Research Design will be produced detailing the costs of the post-excavation and publication required.

5 **REFERENCES**

Cameron, A S 2000 'Robert Gordon's College, Aberdeen', Discovery and Excavation in Scotland, 7.

Cameron, A S 2009 'Robert Gordon's College, Schoolhill', Discovery and Excavation in Scotland, New Series Vol 10, 11.

Easson, D E 1957 Medieval religious houses in Scotland: with an appendix on the houses in the Isle of Man, London, 98.

Hall, D 2013 'Aberdeen Art Gallery Schoollhill', Discovery and Excavation in Scotland, New Series Vol 14, 10.

Harding, D I 2003 'Schoolhill, (Aberdeen parish), medieval pit', *Discovery Excav Scot, vol.4*, 12.

Murray, J C (ed.) 1982 *Excavations in the medieval burgh of Aberdeen 1973-81,* Society of Antiquaries of Scotland monograph series no 2, Edinburgh.

Murray, H 1982 'British Telecom trenches 1979', in Murray, J C *Excavations in the medieval burgh of Aberdeen 1973-81*, Society of Antiquaries of Scotland Monograph Series No.2 Edinburgh, 110, 112.

Roy, M 2008 'Bon Accord Centre, George Street, Aberdeen City (Aberdeen parish), evaluation, watching brief and excavation', *Discovery Excav Scot, New, vol.9* Cathedral Communications Limited, Wiltshire, England, 11-12.

Stones, J 1977 '2-20 Harriet Street', Discovery Excav Scot, 4.

Stones, J A 1987 'Aberdeen burgh & parish, 30-46 Upperkirkgate, medieval, post-medieval occupation', *Discovery Excav Scot*, 16-17.

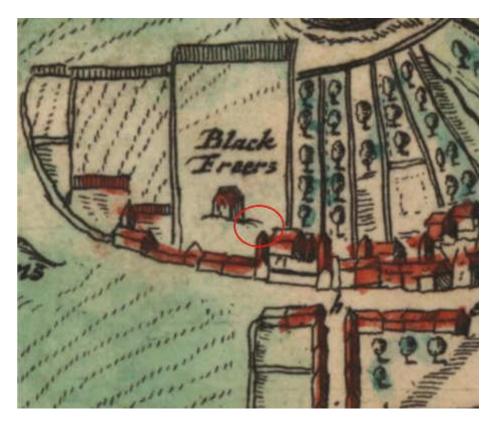
Wyness JF 1965 City by the Grey North Sea. Aberdeen.

6 ACKNOWLEDGEMENTS

I would like to thank Scott Leitch and David Fowlie, Halliday Fraser Munro for initiating this project, Neil Golden, Marek Kargier, Jim Finn and site staff from CHAP, Alan Anderson and site staff from SSE and Bruce Mann, Aberdeenshire Council Archaeology Service for his advice during the work.

Cameron Archaeology 45 View Terrace Aberdeen AB25 2RS 01224 643020 07581 181057 cameronarch@btinternet.com www.cameronarchaeology.com Company registration no 372223 (Scotland) VAT registration no 990 4373 00

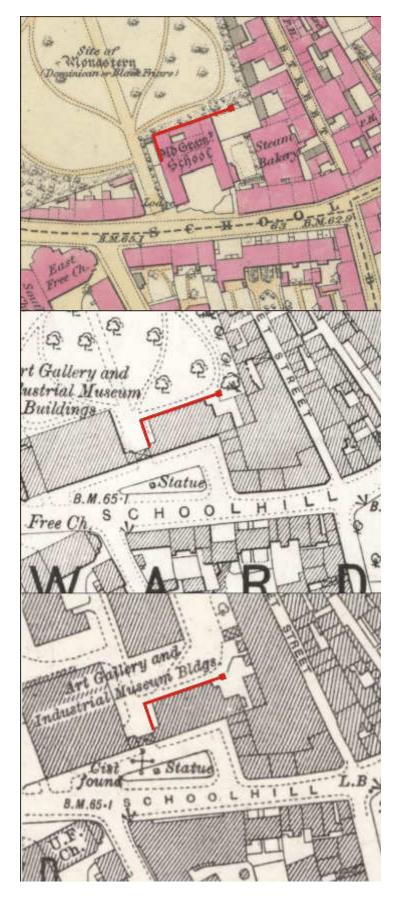
APPENDIX 1 MAPS



Illus 13 Parson James Gordon's map of Aberdeen, 1661 showing approximate area of site circled in red (*copyright National Library of Scotland*).



Illus 14 John Wood map of 1828 with proposed site marked in red (*copyright National Library of Scotland*).



Illus 15 Ordnance survey maps with proposed substation base and cabling trench in red. (top) Aberdeen Sheet LXXV.11 (Old Machar) Publication date: 1869 (middle) Aberdeenshire 075.11 Publication date: 1902 (top) Aberdeenshire 075.11 (includes: Aberdeen) Publication date: 1926 (*copyright National Library of Scotland*).

APPENDIX 2 CONTEXTS

Context no	Trench	Description
1	2	Tarmac, type 2
2	2	Grave 3 fill SK1
3	2	Grave cut SK1
4	2	Pit
5	2	Fill pit 4
6	2	Pit
7	2	Fill pit 6
8	2	wall
9	2	Stone and mortar in wall 8
10	2	garden soil
11	2	wall
12	2	Stone and mortar in wall 11
13	1	Black loam - 18th/19th century
14	1	Burial soil under 13
15	1	Disturbed soil machined W of 16
16	1	Robber trench, ? E wall church
17	1	Soil with disarticulated finger bones
18	1	Soil with floor tile and disarticulated bones
19	1	SK2 cut
20	1	SK2 fill
21	1	SK3 fill
22	1	SK4 fill
23	1	SK5 fill
24	1	SK6 fill
25	1	SK7 fill
26	1	SK8 fill
27	1	SK9 fill
28	1	SK10 fill
29	1	SK11 fill
30	1	SK10 cut into natural subsoil
31	1	SK9 cut into natural
32	1	fill of robber trench 16
33	1	Wall foundation 65
34	1	General burial layer around SK6/7 = 14
35	1	Burial layer around $SK2/3 = 14$
36	1	SK13 fill
37	1	SK13 fill
38	1	SK14 fill
39	1	SK15 fill
40	1	SK12 fill
41	1	Burial soil between SK 27 and Sk28
42	1	Burial soil between SK 24 and SK25
43	1	Burial soil between SK16 and SK25
44	1	SK16 fill
45	1	SK17 fill
46	1	SK18 fill
47	1	SK19 fill
48	1	SK20 fill
49	1	SK22 fill
i v		

50	1	SK23 fill
51	1	SK24 fill
52	1	SK25 fill
53	1	SK11 grave cut
54	1	Wall foundation 65
55	1	SK6 grave cut
56	1	SK 7 grave cut
57	1	SK8 grave cut
58	1	SK10 grave cut
59	1	SK14 grave cut
60	1	SK12 grave cut
61	1	SK16 grave cut
62	1	SK24 grave cut
63	1	SK25 grave cut
64	1	SK21 fill
65	1	Stones in E edge of robber trench 16, remains of wall foundation

APPENDIX 3 SKELETONS

SK no (contexts)	Trench	Description	Coffin
1 (2, 3)	2	Extended, supine E-W, upper body removed by previous electric cable, tibiae removed by SSE 3.7.15	No
2 (19, 20)	1	Extended, supine E-W, complete, head against foundation N-S wall 16	
3 (21)	1	Extended, supine E-W, complete	no no
4 (22)	1	Flexed, baby in fill above R shoulder SK11	no
5 (23)	1	Extended, supine E-W, complete	no
6 (24)	1	Extended, supine E-W, complete	no
7 (25)	1	Extended, supine E-W, complete	no
8 (26)	1	Extended, supine E-W, complete	yes
9 (27, 31)	1	Extended, supine E-W, complete	yes
10 (28)	1	Extended, supine E-W, cut by electric cables below pelvis	yes
11 (29)	1	Extended, supine E-W, complete	yes
12 (40)	1	Extended, supine E-W, head only with frags of other bones	no
13 (37)	1	Extended, supine E-W, complete with pillow stones by skull and one in mouth	no
14 (38)	1	Extended, supine E-W, complete, legs angled to S	yes
15 (39)		Not used	
16 (44, 61)	1	Extended, supine E-W, upper body only very poor condition cut by service trench	no
17 (45)	1	Extended, supine E-W, complete SK slumped to N	yes
18 (46)	1	Extended, supine E-W, complete	yes
19 (47)	1	Extended, supine E-W, complete	?yes
20 (48)	1	Extended, supine E-W, upper body only, stone in mouth	yes
21 (64)	1	Extended, supine E-W, probably complete (skull removed in fill SK19?)	yes
22 (49)	1	Extended, supine E-W, legs only, rest cut by service trench	no
23 (50)	1	Extended, supine E-W, legs only, rest cut by service trench	no
24 (51)	1	Extended, supine E-W, middle of SK cut by service trench	yes

		Extended, supine E-W, frags of arm only; head and foot	
25 (52)	1	ends cut by services	no
26	1	Not lifted	?
27	1	Not lifted	?
28	1	Extended, supine E-W, legs only, rest cut by service trench	no
29	1	Not lifted	?
30	1	Not lifted	?

APPENDIX 4 SMALL FINDS

SF no	Context	Description
1	23	Flint flake
2	27	Flint

APPENDIX 5 THE OTHER FINDS

Context no	clay pipe	pottery	mammal	bottle glass	window glass	shell	daub	floor tile	stone roof tile	brick	nails	flint	Cu alloy pin
1	1	10	12	1		2			2	8			
13	5	22	8										
15	1	1	1							7			
18								7					
20		3	2		1	1	1						
23		2	6									1	
24		8											
25		3											
26		1									16*		
27											16*	1	
28		1									3		
29		6				2					3		
32			4					1	3				1
34		2											
35											7*		
37		6											
38		1											
40		1										1	
45											8*		
47		1											
48											3*		
51											2		
64											8*		

u/s			1					
Tr 2 u/s	3	1					1	
*iron nails with								
wood								



Illus 16 Face-mask jug from cleaning above robber trench 16



Illus 17 Floor tile from cleaning above robber trench 16



Illus 18 Large ceramic floor tile with worn green glaze



Illus 19 Finds recovered from black garden soil 13 sealing the burial soil below

APPENDIX 6 HISTORICAL RESEARCH

ANNE JOHNSTON

This text was prepared after the 2009 archaeological work at the site but has not been published.

Introduction

The Dominican Friars formed one of four mendicant orders practising in the burgh of Aberdeen from the 13th century until their disbandment at the time of the Reformation. Their primary role in the community was as academics and scholars, learned men whose education served the burgh's inhabitants in a variety of ways; a role encapsulated in the term 'Friars Preachers' in contemporary documentation. Colloquially they were known as the 'Blackfriars' from the colour of their cloaks.

The Order was founded by St Dominic in the French City of Toulouse in 1215 and is believed to have made inroads in Scotland for the first time around 1230 (Cowan & Easson 1976, 114) when it formed part of the English Province. It was not until 1481, under James III, that the Dominican General Chapter was created a Province of Scotland. By this date the 'Observance' - an attempt by the Dominican community as a whole to return to the ideals of St Dominic - had been introduced to Scotland, although the community in Aberdeen was not a reformed house.

Aberdeen's Convent, created during the reign of Alexander I appears to have been founded between 1230 and 1249 although nothing from this period links the group of Friars with the plot of land on Schoolhill which by 1328 was receiving regular payments from the Exchequer (14 Jan 1328-29). The foundation of the Friary on the extreme north-west fringes of the burgh is consistent with the Friars' universal practice of acquiring land on the periphery of urban settlements. Unlike the houses of the Carmelites, Trinitarians and Franciscans though, which over time became surrounded by the growing burgh, the Blackfriars site remained on the fringes of the conurbation.

Documentary sources

The biggest hurdle in establishing a rounded picture of Aberdeen's Dominicans stems from the complete absence of any documentation from the Friars' own archive. That this must have existed cannot be disputed for the Friars undoubtedly possessed a cartulary of charters relating to their own possessions as exists, for example for the Elgin Convent, as well as a significant collection of written material. Foggie points out that the Friars must have compiled a book of charters which was portable and acceptable to show their title to land (2003, 162). An entry in the burgh charters (B Charters C1 52 Anderson, 114) details how an inventory of the *writss and evidents* belonging to the Blackfriars was *carried south* by Friar Abercrombie at the time of the Reformation and thereafter lost until Sir Thomas Menzies, Provost of Aberdeen and Town Clerk recovered this in July 1617. Much must have been lost at the time of the dismantling of the Friars' house at the time of the Reformation although earlier documentation may have been lost during the time that Aberdeen was sacked by the English (Spearman).

The sources provide a tantalising glimpse of the financial standing of the Friars who were, at times, benefactors of the Crown. Gifts recorded include 80 merks for the convent in Aberdeen in (date) (Macfarlane 1995, 254) and another 80 merks to share with the Franciscans who were to use it on their garden and land (Aberdeen Register ii 311-312). Despite the Friars' role as men of God whose most visible duty in the burgh was the burial of the dead and the saying of prayers for the souls of the departed, the documentation which does exist relates almost entirely to property transactions on which the Friars depended for a large part of their income. The bulk of their financial assets came from the management of rents and lands owned by the community (either inherited lands or gifted properties or acquisitions assumed in lieu of non-payment of gifted rents) and from annuities gifted to the Friars in return for saying masses. They must also have received gifts in kind but no records of such income now exists.

Whilst the Friars' own records are conspicuous only by their absence, the civic records of the burgh of Aberdeen are particularly rich. The minutes of the Burgh and Guild Courts start in 1397(Aberdeen's Council Registers) and give a flavour of many aspects of burgh life. The Dominican Friars acted as procurators for court cases, representing their clients in court and thus feature heavily. The Burgh's Register of Sasines also contain entries pertaining to the Friar's property interests. The vast majority of references to the Dominicans in the burgh's collections are collated in abbreviated form in P.J. Anderson's 'Aberdeen Friars'. Much of the original documentation survives in the collections of the University of Aberdeen due to the endowment of Marischal College, by its founder the fifth Earl Marischal with all the possessions of the Dominicans and Carmelites, following several changes in ownership, after the reformation.

Buildings Pre-reformation

The Black Friars' convent and grounds occupied a semi-rural location beyond the Upperkirkgate which marked the worth-western point of entry to the burgh; the community thus existed outwith the symbolic and physical boundary of the economic community. The size of the original holding can only be surmised - the earliest cartographic representation dating to long after the demise of the Friary - but appears to have been bounded by a stone wall. Structural damages to the Friars property was recorded in 1554 when an Alexander Rait was brought before the burgh court charged with wrongful digging of the earth belonging to the Black Friars under their stone wall in taking away of certain sand from the same so that the stone wall had fallen down as a result (Council Register XX1 683 15 June 1554). The extent of the plot, the style and type of buildings thereon and the activities carried out thereon would reflect the number of incumbents in the Friary. The sole indication as to the size of the Aberdeen community at any one time lists a Prior and 13 Friars in (date) (Cowan & Easson 1976, 116). Other pointers are less precise as in the case of a witness list for the Aberdeen Convent dating to 1486 (Foggie 2003 57). It is likely that the Friars' community was a fluid one with personnel coming and going as duties dictated as the Friars travelled across the Province and around the burgh and its hinterland.

In 1477 the community of St Andrews and St Monans in Fife was upgraded to conventual status and the terms of the crown grant included within it a list of the buildings and policies the Friars were expected to have. This included a church, cloister, cemetery, dormitory, refectory, bell tower, yard or garden and 'any other necessary offices'. It seems reasonable to suppose that the Aberdeen Convent comprised a similar range of buildings and certainly they must have possessed accommodation for visitors and a place for their collection of books, estimated at containing about 120-200 volumes (Foggie 2003, 239). The Friars also benefitted from the presence of a doocot (Foggie 2003 92) to provide supplementary meat for their diet. In 1458 an entry in the burgh council's minutes recorded that the Dominicans had been granted an allowance for repairs to their house (Council Registers VI pt ii 803) although the repairs are not itemised nor the cost listed.

Under Dominican Rule the Friars were expected to be self-sufficient. The garden and orchards around the convent would have supplied fruit and vegetables and the Aberdeen Convent certainly grew oats for these were eaten by the horses and cattle of one Thomas Modane and Sandy Robertson who were taken to court 26 August 1546 by the Friars for damages (Foggie 2003, 163). Whether or not the crops were grown on site or on one of the Friars' holdings elsewhere is not stated but the cultivation of oats implies the presence of storage barns, for as well as a staple of the diet, oats provided fodder for animals and oat straw could be used as a bedding material for stock. Given the wide area over which the Administration Building, Robert Gordon University, Schoolhill, Aberdeen AB10 1FR CA228-2015 Cameron Archaeology Ltd 25

Friars travelled and their obligation to host visitors it is reasonable to assume that their walled enclosure also included stabling for horses. Fishing, too, was important as a source of food and the Friars appear to have been proficient at haaf fishing; a method of catching salmon that involved the fishermen standing in the water at the turn of the tide and catching fish in hand-held nets. Facilities for drying fish must also have formed part of the Dominican complex. Additional income was also provided by the renting out of haaf-fishing rights. Although Foggie asserts that most Scottish houses were occupied by fewer than 15 men at any one time (2003, 56) the Friars may have employed townsfolk to till the land, tend to the gardens and animals and work in the buildings. Members of the Community also worked outwith their eclesiastical roles to supplement the communal income as in the case of Alexander Lindsay OP who, in 1530, was commissioned to mend the town clock.

On 4 January 1560 the site of Dominicans was *destroyed by the reformers* (Anderson 1907, 97and thereafter the indwellars of the town wer accused of taking away *the staines of the black frieris and quhyt friereis places* and destroying the kirks and the accommodation. (Foggie 2003, 164; Council Register XXIV 47). All incidental references to the Friars' buildings refer to their being stone-built and the townsfolks' commitment to demolishing the same may have stemmed as much from a desire to acquire prime building materials as from reforming zeal

The Register of the Privy Council and Foggie 2003, 230 give lists of the places of the Friars as yet standing undemolished including Aberdeen but does not specify individual buildings within the Convent precinct.

Buildings post-reformation

In the immediate aftermath of the sacking of the Friary the Dominicans' property passed to the Crown. Thereafter the possessions of the Friars, which taken as a whole must have comprised a substantial portion of property within and without the burgh were passed between the burgh, the crown and burgesses in a series of land transactions. The Provost of Aberdeen related how, in 1562, Master Duncan Forbes received the *mailis, fermes and dewties of the crofts, riggs and rudes belonging to the Black Friars* from Mary Queen of Scots (B Charter, extracts 20 Jan 1562). On 17th February 1565/66 these same lands were then granted on a 19-year tack to Captain Hew Lauder who was confirmed in them in 1567 and then infefted the same to the Provost, Bailie, Council and Community of Aberdeen. The following year, a new tack, again for 19 years was granted to David Mar, Burgess of Aberdeen but in 1571 granted in feu to Captain Andrew Chisholm and renewed in favour of his daughter, Janet Chisholm. By 1581 the same lands had been granted in feu to William

Leslie but two years later a charter was drawn up conveying the same to the burgh to endow a Poor Hospital, although this was never ratified, the possession instead being granted anew to William Leslie. The definitive transaction came with the granting of a crown charter on 17 May 1587 when the possessions were granted to George, Fifth Earl Marischal and on 2nd April 1593 the same granted the properties of the Black Friars to found a *Gymnasium* which evolved into Marischal College.

This ever-changing legal state of affairs gives little indication of what was happening on the ground. Initially, the burgh took upon itself to collect the *fruits, duties, profits and emoluments of the Friars'* lands and to redistribute this wealth for the foundation of poor hospitals. Burgh officials also suggest that the Friars had tried to recoup their losses and accused them of selling off their assets. Those Friars who remained within the burgh- and there is no indication of how many this involved, nor where they resided - were awarded a annual grant for the remainder of their lifetimes.

At the time that the Earl Marischal was awarded the lands of the Friars, their possessions were listed in their entirety for what is the first time. Prominent amongst them is *The house of Gilbert Anderson called the Blackfriars Manse and Kirk* which appears to preserve the boundaries of the site of the Convent. This is also referred to as *The Black Friar's manor with houses, yards, etc in the Schoolhill between the Grammar School on the east, incroft on the west, highway on the south and the Loch on the north and as such is the first time in the documentary sources that the boundaries of the Convent are delineated. Despite the wholesale sacking of the Friars' buildings, the inference is that the surrounding wall may have remained as a prominent property boundary on Schoolhill and as late as 1649 the widow of David Anderson of Finzeauch granted to the Council and Community <i>the Black Friar's Manse*, to maintain and educate ten poor orphans (B Charters M1 Anderson p.117). The incroft appears to form a subdivision of the conventual lands for it is described as *lying within the stone walls in the Schoolhill between the Blackfriar's Place*

Other properties are listed in the late 16th-century comprise a mixture of burgh and hinterland possessions which may, or may not, reflect the maximum extent of the Friars' holdings;

Sow Croft Craigwell Croft Fill the Cop Croft Barbours Croft Administration Building, Robert Gordon University, Schoolhill, Aberdeen AB10 1FR CA228-2015 Cameron Archaeology Ltd Pringle's Croft Two small adjacent crofts in the west territory

3 riggs beyond Crabstane
Rigg at Gallowgate head
2 riggs at Gallowhlls
Rigg at the Links
Rigg in Futy
Rigg near Gallowgate head
Longrigg
8 rudes in Kintore
together with all lands, crofts, barns, dwelling houses and yards belonging to the Friaris
Preachers.

Blackfriar's holdings post-reformation

In 1732 a contract was drawn up between the Patrons and Governors of Robert Gordon's Hospital and the Marishcal College of Abertdeen concerning that croft of land with the houses and yards pertaining thereto which of old belonged to the Black Friars' manse' and was the first alientation of College property despite the stringent prohibition in the Foundation Charters (MC Charters Localities 1)

At the beginning of the 18th century, the site appears to have been unoccupied and was chosen by Robert Gordon as a suitable place to build a hospital and the site was acquired in 1730 with the building completed in 1732. The house stood in extensive gardens and incorporated a bowling green. No mention is made of creating these parterres afresh so there is a possibility that the Friars' garden was used as a template although the design of an 18th-century garden was very different from those of the previous centuries. The William Adam designed 'Auld Hoose' accommodated Cumberland's soldiers in 1745 and a hospital opened in 1750. The East and West wings were added in 1830-33 when the hospital needed to be enlarged to accommodate more boys and in 1881 Robert Gordon's College succeeded Robert Gordon's Hospital.

1971 pupils excavated a well which was believed to date from time of Fort Cumberland.

Cartographic evidence

The earliest cartographic representation of the burgh in which individual plots are delineated is Parson Gordon's map of 1661. Post-dating the sack of the Friary by over a century it non-the-less depicts a large walled plot running north from the street frontage at the western extremity of the burgh . In size it appears to be at least four times the area of the tenements to the west. The buildings on the street frontage appear not to realate to he land to their rear whilst a single, roofed, two-storey building is depicted as being 'Black Friars'. Gordon's written description however, states that the Dominican House was entirely vanished. This map and Paterson's map of 1746 still show the site as enjoying a semi-rural location. By 1789 however with Aberdeen's first detailed map of the burgh Gordon's Hospital is depicted as sitting at the rear of an enclosed and ornate garden.

Bibliography

Aberdeen City Archive Aberdeen Town Council Register Aberdeen Burgh Court Books Aberdeen Burgh Register of Sasines

<u>University of Aberdeen</u> Kings College Charters k256/5 Marischal College Charters M.390

Accounts of the Collections of the Thirds of Benefices, 1949, Scottish History Society
Anderson PJ 1907 Aberdeen Friars Black, White, Red, Grey, Calendar of Documents
Anderson PJ (ed) ?1919, Fasti Academiae Mariscallane Aberdonensis. Selections from the records of the Marischal College and University. Vol. 1 Endowments
Innes C 1845, Registrum Episcopatus Aberdonensis, Spalding Club, Aberdeen
Regesta Regum Scotorum, Vol VI Acts of David II 1329 -71
Stuart J (ed) 1844, Extracts from the Council Registers of the Burgh of Aberdeen 1398-1580, Spalding Club, Aberdeen

Stuart J (ed) 1848 The Exchequer Rolls of Scotland. Edinburgh.

Cowan IB & Easson DE (eds) 1976 'Medieval Religious Houses of Scotland', 2nd edition.

Longman: London and New York.

Moir Bryce W 1912 *The Black Friars and the Scottish Universities* Scottish History Society IX Dennison EP and Stones, J (eds) 1997 *Aberdeen: the archaeological implications of development*, Scottish Burgh Survey. Aberdeen: Scottish Cultural Press.

Dilworth M 1995, Scottish Monasteries in the late Middle Ages. Edinburgh: University Press.

Ewan E 1990, Townlife in Fourteenth Century Scotland. Edinburgh: University Press.

Foggie JP 2003, Renaissance Religion in Urban Scotland. The Dominican Order 1450 -

1560. Brill.

- Macfarlane, LJ 1995 *William Elphinstone and the Kingdom of Scotland, 1431–1514: The Struggle for Order.* Aberdeen: University Press.
- Stones J.A. (ed), 1989, *Three Scottish Carmelite Friaries: Excavations at Aberdeen, Linlithgow and Perth, 1980 -1986* Society of Antiguaries Monograph Series no.6
- Spearman, RM 1989 'Aberdeen Carmelite friary: The Documentary Evidence', in JA Stones (ed), Three Scottish Carmelite Friaries: Excavations at Aberdeen, Linlithgow and Perth, 1980 -1986. Society of Antiquaries Monograph Series no.6, 28-33.

Strathdee RB 1973 'In a Friary Garden'. Aberdeen.

Photo no	Description	Facing
DSC_0806-9	Substation base location	
DSC_0810-15	Substation base tarmac strip	
DSC_0816-26	Substation base showing disturbed with services to natura	l subsoil
DSC_0827-33	Location shots	
DSC_0834-49	Trench 2 SK1 discovery	
DSC_0850-60	Trench 2 SK1 cleaning	
DSC_0861-62	SK1 feet detail	S
DSC_0863-68	SK1	WSW
DSC_0869	SK1 feet showing root detail	WSW
DSC_0870-76	SK1	WSW
DSC_0877-82	SK1 location	
DSC_0883-87	SK1 recording	
DSC_0888-903	SK1 grave cut into natural gravels showing BT cables along cables cutting through top of SK	S edge and SSE
DSC_0904-6	Tr 2 location	

APPENDIX 7 PHOTOGRAPHS

DSC_0907-9	Tr 2	
 DSC_0910-26	F4 Curved WSW edge of pit cut into natural subsoil	
DSC_0927-37	F4 pit location	
DSC_0938-44	F4 ENE edge showing natural gravels (left) and pit fill (right)	S
DSC_0945-53	Tr 2 E of F4	
DSC_0954-64	Tr 2 hand dug trench through garden soils 10 E of RGU gate	
DSC_0965-99	Tr 2 garden soils 10 on natural gravels with level rising to E	
DSC_0001-2	Tr 2 location	
DSC_0003-6	Wall foundation 8	S
DSC_0007-14	Wall foundation 8 and removal	
DSC_0015-24	Wall foundation 8 in S section of trench	S
DSC_0025-36	Tr 2 section from 8 to W with garden soil 10	
 DSC_0037-41	Wall foundation 11 and removal	
 DSC_0042-53	Tr 2 E end showing natural gravels under pavement	
 DSC_0054-57	Tr 1 E end next to sub station base showing disturbed down to subsoil	natural
DSC_0058-61	Tr 2 E end showing natural gravels under pavement	
 DSC_0062-66	Tr 1 E end next to sub station base showing disturbed down to subsoil	natural
DSC_0067-70	Tr 2 E end showing natural gravels under pavement	
DSC_0071-73	Tr 1 tarmac taken o0ff on top of 13e black loam 18th C finds	
DSC_0072-81	Tr 1 removing 13 to reveal burials underneath	
DSC_0082-3	Robber trench 32 (right) and wall foundation 65 (left)	SE
DSC_0084	Robber trench 32	SE
DSC_0085	Robber trench 32 (foreground) and Wall foundation 65 (top)	SW
DSC_0086	Robber trench 32 (foreground) and Wall foundation 65 (top)	SW
DSC_0087	Robber trench 32 (foreground) and Wall foundation 65 (top)	SW
DSC_0088	Robber trench 32 (left) and wall foundation 65 (top centre)	NW
DSC_0089	Robber trench 32 (left) and wall foundation 65 (top centre)	NW
DSC_0090	Robber trench 32	NE
DSC_0091	Robber trench 32 (left) and wall foundation 65 (right)	WNW
DSC_0092-4	Tr 1 prior to cleaning Sks with Art Gallery in background	WSW
DSC_0095	Jan Dunbar, Robert Lenfert cleaning SKs	E
DSC_0096-7	SK2	SE
 DSC_0098-9	SK2	NW
 DSC_0100-108	Jan Dunbar, Robert Lenfert cleaning SKs	
 DSC_0109-111	SK2	SW

DSC_0112-3	SK3 with SK2 (right)	WSW
DSC_0115-7	Jan cleaning SK5	NE
DSC_0118	SK3 (bottom) SK2 (top)	SW
DSC_0119-20	SK5 (right) Jan cleaning SK6	NE
DSC_0121-25	Jan cleaning SK6	
DSC_0126-29	SK7 (foreground) Robert cleaning SK9 with SK8 (top right)	NE
DSC_0130-34	SK5, SK6, SK7, SK8 (bottom - top)	
DSC_0135-9	SK4	S
DSC_0140	SK3	S
DSC_0141	SK3 (left) SK2 (right)	S
DSC_0142-3	SK5	Ν
DSC_0144-7	Robber trench 16 (bottom) SK2, 3, 5 (top)	NE
DSC_0148	SK6	NW
DSC_0149-51	SK6 with Jan cleaning SK11 after removing SK4 from above	WSW
DSC 0152	SK7	NE
 DSC 0153-4	SK7	NW
 DSC_0155	SK7	NE
 DSC_0156-7	SK8	NE
DSC_0158	SK10 cut by electricity cables (left)	SE
 DSC_0159	SK10 cut by electricity cables (bottom)	SW
 DSC_0160	SK10 with SK8 and Robert cleaning SK9	SW
 DSC_0161	SK10 cut by electricity cables (left)	SE
 DSC_0162	SK10 cut by electricity cables (bottom)	SW
 DSC_0163-6	Wall foundation 65 (left) robber trench 16 (right) SK2 (top)	SE
 DSC_0167-8	Jan cleaning SK11	SE
 DSC_0169-70	Jan cleaning SK11 with 16 and 33 (foreground)	SW
 DSC_0171-3	SK9 (bottom) SK8 (top)	SE
DSC_0174	SK10 with electric cable trench	E
DSC_0175-9	SK9 (left) SK8 (right) with SK7, Jan cleaning SK11	SW
DSC_0180	SK8	SW
DSC_0181-2	SK9 (left) SK8 (right)	SW
DSC_0183	SK8 detail	SW
DSC_0184-5	SK8 (bottom) SK9 (top)	NW
DSC_0186-8	SK10 with electric cable (right)	NW
DSC_0189-90	SK7, 8, 9	W/SSW
DSC_0191-2	Jan cleaning SK11	
DSC_0193	SK7 lifted and grave cut	NW
 DSC_0194	SK7 lifted and grave cut	NE
 DSC_0196-7	SK11	SE
DSC_0198	SK11 with SK5 (top)	SE
 DSC_0199	Jan about to lift SK11	
 DSC_0200	SK11, SK5 (top right) SK6 (left)	
 DSC_0201-2	SK11	

DSC_0203-7	SK5 inc details of skull (slate next to mouth is just stone in fill)	
DSC_0208	SK9 grave cut	NE
 DSC 0209-15	SK9 grave cut showing coffin line in situ	SE
 DSC 0216	SK3	SE
 DSC_0217-20	SK2 with head next to stone left in robber trench from E wall of church	SE
DSC_0221-2	Jan lifting SK11	
DSC_0223	Abeer preparing to lift SK10	NE
DSC_0224-5	Grave cuts SK9 (left) SK8 (right)	NE
DSC_0226-7	Grave cuts SK9 (bottom) SK8 (top)	SE
DSC_0228-35	SK10 with electricity cabling cutting through NE (feet) end	
DSC_0236-8	SK6 grave cut with Sk11 (top left)	NW
DSC_0239-40	SK11 grave cut with disartic skull in edge of fill and SK 5 being lifted (bottom)	NW
DSC_0241-3	SK5 grave cut	E
DSC_0244	Grave cuts SK11 (left) SK5 (right)	NE
DSC_0245-9	SK13	N
DSC_0250-52	Preparing to cut section back for SK14	
DSC_0253-7	SK13	N/S
DSC_0258-66	Jan and Robert lifting SK13	
DSC_0267-84	SK 13 skull details with pillow stones and stone in mouth includ stones after skull removed	ing pillow
DSC_0285-6	SK13 spine - scoliosis/DISH?	
DSC_0287-94	SK material NW SK11 left in situ under baulk	
DSC_0295-7	SK14	NW
DSC_0298-310	SK14	SE
 DSC_0312-23	Tr 1 S arm with tarmac and modern material removed. SKs app	earing
DSC_0324-5	Abeer uncovering SK12	
DSC 0326-7	SK18 (centre) with SK17 (left) SK20, 21 (right)	NE
DSC_0328-34	SK18, 19, 20, 21	SW
DSC_0335-6	SK18	SW
DSC_0337	Abeer uncovering SK12	NW
DSC_0338-9	SK16 skull and grave cut	NW
 DSC_0340	SK16 skull and grave cut	SE
 DSC_0341	SK16 skull detail	SE
 DSC_0342	SK16 (foreground) SK25, SK24, SK12 (top)	SE
 DSC_0343-5	SK25 grave cut	SE/NW
 DSC_0346-9	SK12	N
 DSC_0350-5	SK18 (centre) with SK17 (top) SK20, 21 (bottom)	N
 DSC_0356	SK19 with SK 20 (top)	SE
 DSC_0357-60	SK19 details	1
DSC_0361	SK19 with SK20 (left being uncovered) and SK17 (being lifted right)	S

DSC_0362-6	SK16 being uncovered	SW/SE
DSC_0367	SK20	Ν
DSC_0368	SK20	S
DSC_0369-70	SK17 (top) SK20 (bottom)	Ν
DSC_0371-2	SK20 details	
DSC_0373	SK17 (right) SK20 cut by SK21 (left)	SW
DSC_0374-7	SK17 details	N/S
DSC_0378-82	SK21 details	SW
DSC_0383	SK17 (right) SK20 cut by SK21 (left)	SW
DSC_0384-7	SK20 skull detail with stone in mouth	N
DSC_0388-91	Robert lifting SK17 with SK20 and 21 (left)	SW
DSC_0392-5	SK21 details	NW
DSC_0396-8	SK14 grave cut	NW
DSC_0399-400	SK14 grave cut	SW
DSC_0401	Track off mini digger	
DSC_0402-4	SK16 grave cut	SE
DSC_0405-11	Jan lifting SK12 Robert uncovering SK22	SE
DSC_0412-3	SK22	S
DSC_0414	Jan lifting SK12 with SK22 (foreground)	NW
DSC_0415-20	SK23	NW
DSC_0421-6	Robert uncovering SK24 Jan SK25	SW
DSC_0427-30	SK25	SSE
DSC_0431-4	Section of 16 robber trench	SE
DSC_0435	Section grave cut SK2	SE
DSC_0436	Section NE of grave SK2 showing black loam 13	E
DSC_0437	NW section location SK11	NE
DSC_0438	NW section SW robber trench 16	W
DSC_0439-45	NW section 33 (right) and 16 (left)	NW
DSC_0446	Robert uncovering SK24 (cut by water/sewer pipe trench)	S/SE
DSC_0447-52	SK24 details	SE
DSC_0453	Jan lifting SK24 legs	
DSC_0454-62	SK26 spine with root down spinal column holes - lifted by machine bucket	NW
DSC_0463-7	SK27 skull	
DSC_0468-9	Robert digging sondage at SE end Trench 1 S arm - into cable	trenches
DSC_0470-3	SK28	NW
DSC_0474-501	Recording sections and services after trench dug to final dept	h for service



DSC_0001.JPG



DSC_0002.JPG



DSC_0003.JPG



DSC_0004.JPG



DSC_0005.JPG



DSC_0006.JPG



DSC_0007.JPG



DSC_0008.JPG



DSC_0009.JPG



DSC_0010.JPG



DSC_0011.JPG



DSC_0012.JPG



DSC_0013.JPG



DSC_0014.JPG



DSC_0015.JPG



DSC_0016.JPG



DSC_0017.JPG



DSC_0018.JPG









DSC_0025.JPG



DSC_0021.JPG

DSC_0026.JPG





DSC_0023.JPG



DSC_0029.JPG



DSC_0030.JPG



DSC_0031.JPG







DSC_0033.JPG



DSC_0034.JPG

DSC_0035.JPG





DSC_0036.JPG



DSC_0037.JPG



DSC_0038.JPG



DSC_0039.JPG

DSC_0040.JPG



DSC_0041.JPG



DSC_0042.JPG



DSC_0043.JPG



DSC_0044.JPG



DSC_0045.JPG



DSC_0046.JPG



DSC_0047.JPG



DSC_0048.JPG



DSC_0049.JPG



DSC_0050.JPG



DSC_0051.JPG



DSC_0052.JPG



DSC_0053.JPG





DSC_0055.JPG



DSC_0060.JPG



DSC_0056.JPG

DSC_0061.JPG

DSC_0066.JPG



DSC_0057.JPG

DSC_0062.JPG



DSC_0067.JPG



DSC_0063.JPG





DSC_0065.JPG



DSC_0070.JPG



DSC_0068.JPG





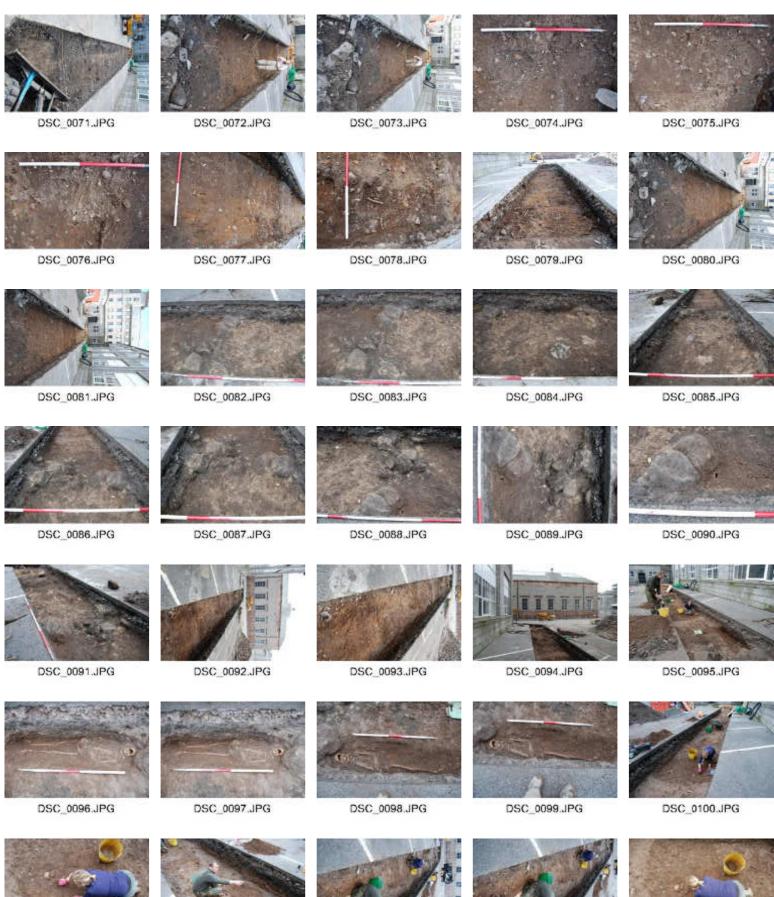


DSC_0059.JPG





DSC_0069.JPG



DSC_0105.JPG

DSC_0104.JPG

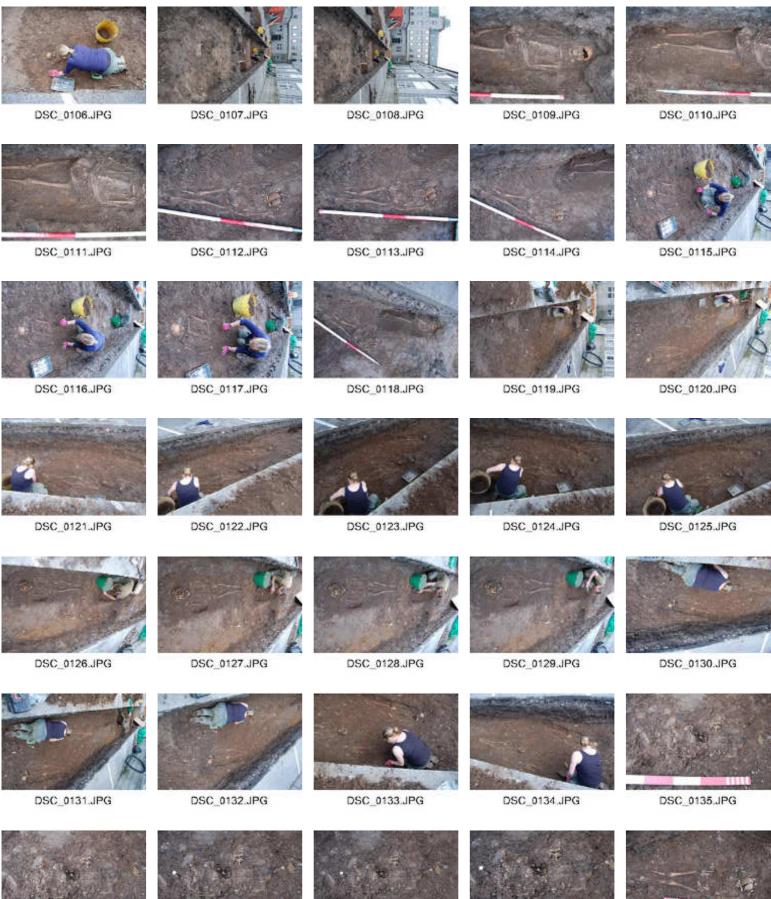
DSC_0101.JPG

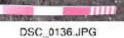


DSC_0102.JPG



DSC_0103.JPG







DSC_0137.JPG



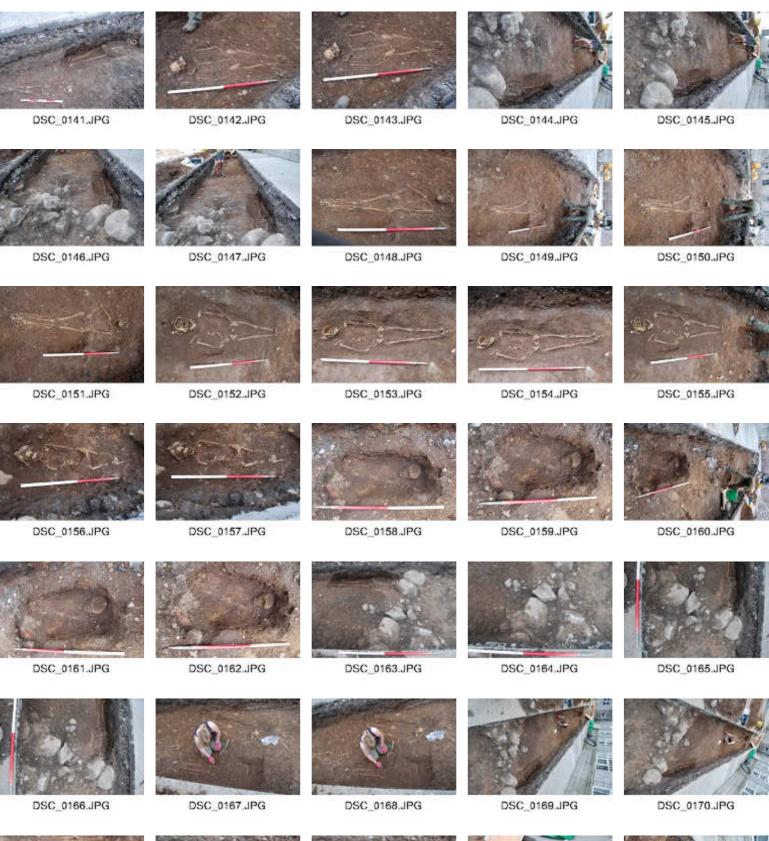
DSC_0138.JPG



DSC_0139.JPG



DSC_0140.JPG





DSC_0171.JPG



DSC_0172.JPG



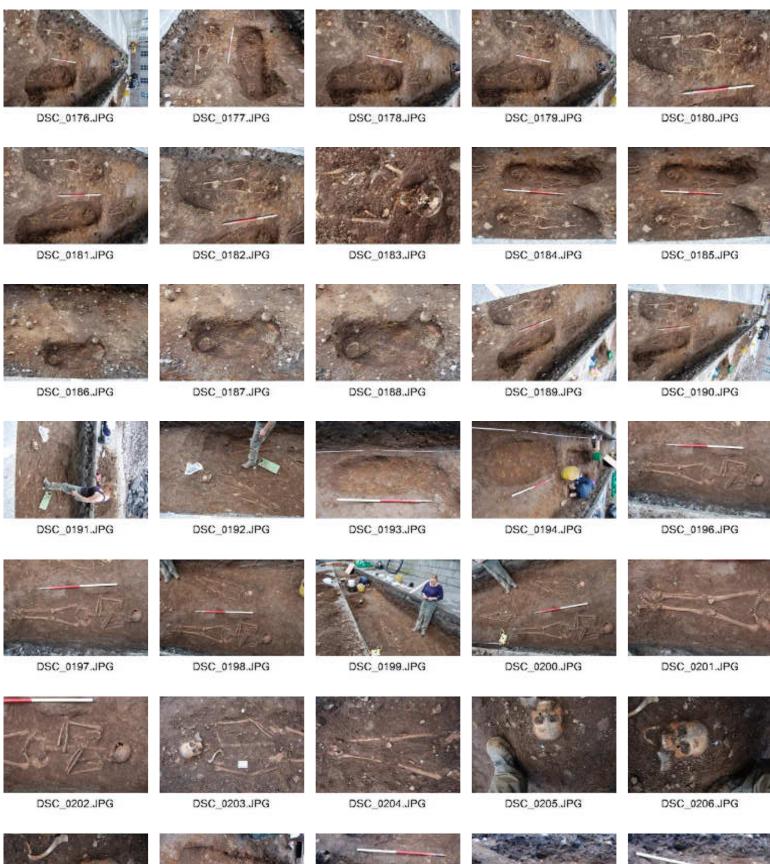
DSC_0173.JPG



DSC_0174.JPG



DSC_0175.JPG





DSC_0207_JPG



DSC_0208.JPG



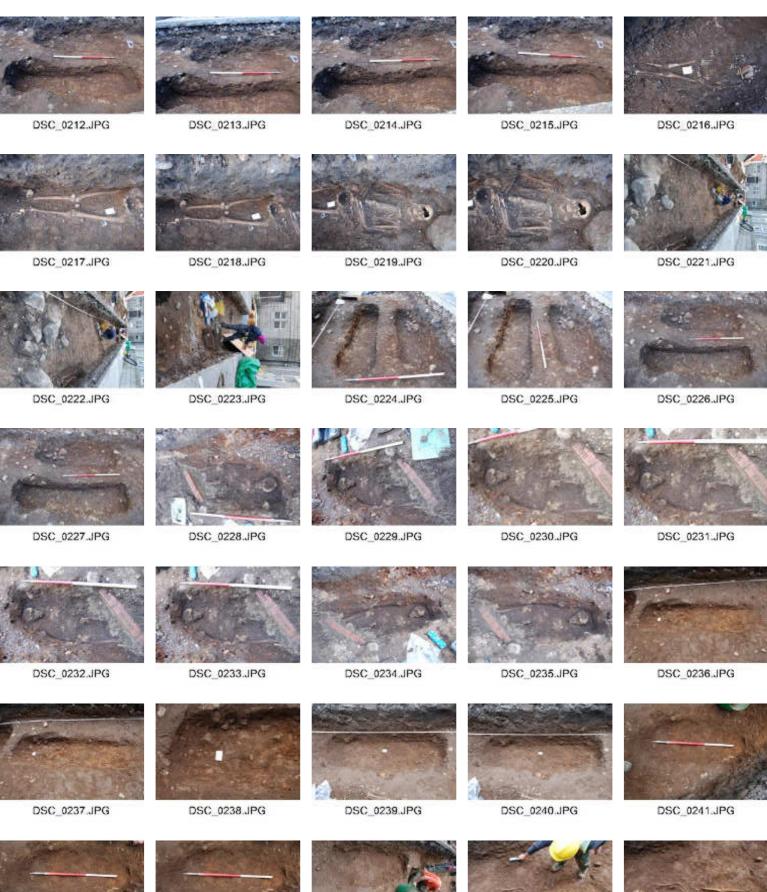
DSC_0209.JPG



DSC_0210.JPG



DSC_0211.JPG



DSC_0242.JPG

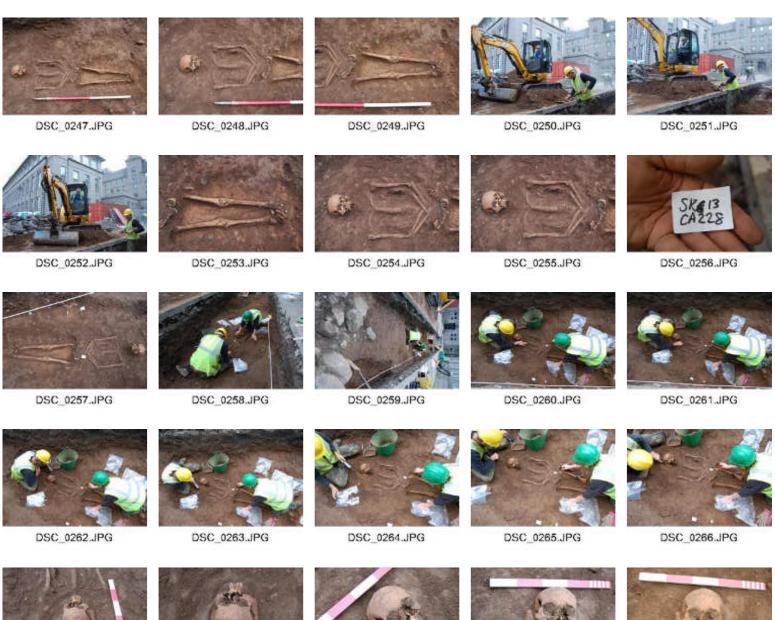
DSC_0243.JPG

DSC_0244.JPG



DSC_0245.JPG

DSC_0246.JPG



DSC_0267.JPG





DSC_0269.JPG



DSC_0274.JPG



DSC_0270.JPG

DSC_0275.JPG



DSC_0271.JPG

DSC_0276.JPG



DSC_0272.JPG

DSC_0277.JPG



DSC_0273.JPG

DSC_0278.JPG



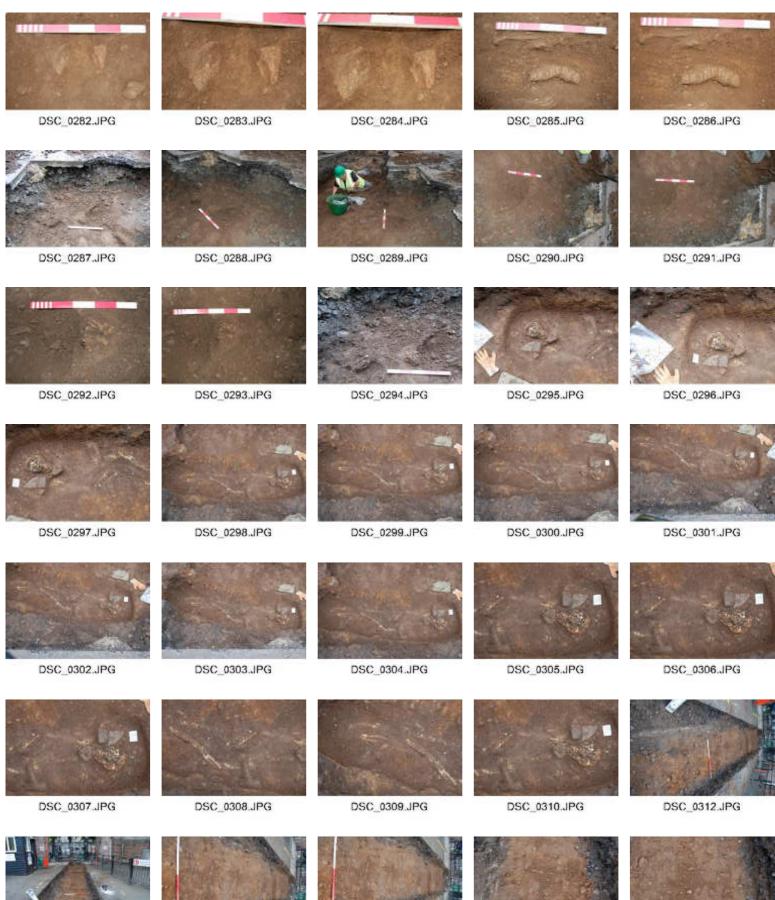
DSC_0279.JPG



DSC_0280.JPG



DSC_0281.JPG



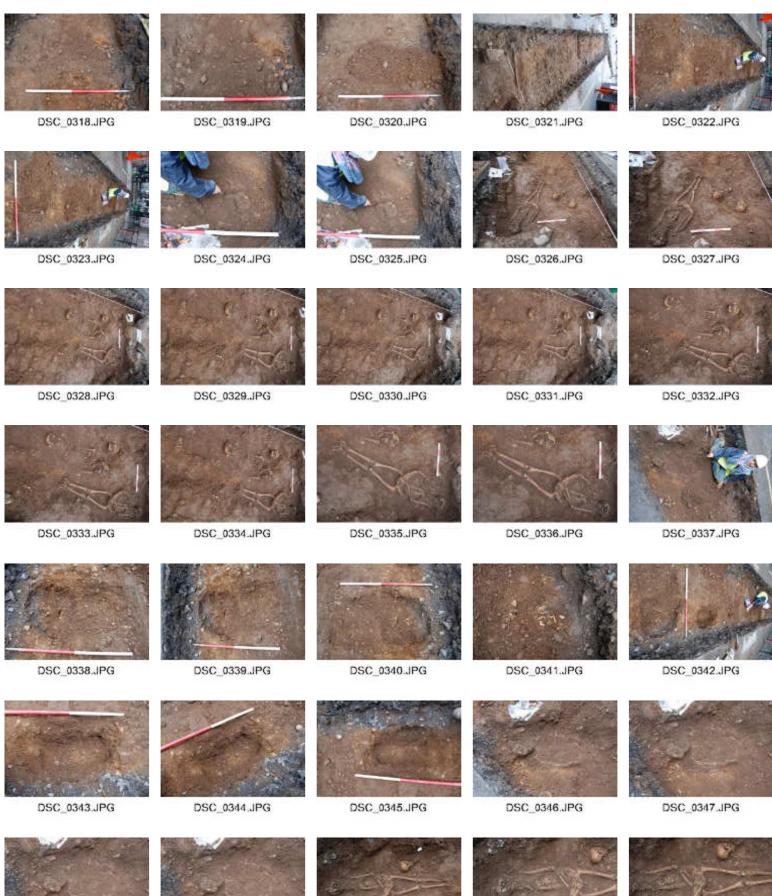
DSC_0313.JPG

DSC_0314.JPG

DSC_0315.JPG

DSC_0316.JPG

DSC_0317.JPG



DSC_0348.JPG

DSC_0349.JPG

DSC_0350.JPG



DSC_0351.JPG

DSC_0352.JPG







DSC_0384.JPG

DSC_0385.JPG

DSC_0386.JPG



DSC_0387.JPG



DSC_0399.JPG













DSC_0404.JPG



DSC_0409.JPG



DSC_0405.JPG



DSC_0406.JPG



DSC_0411.JPG



DSC_0412.JPG



DSC_0408.JPG



DSC_0413.JPG



DSC_0414.JPG

DSC_0419.JPG



DSC_0410.JPG

DSC_0415.JPG



DSC_0416.JPG







DSC_0423.JPG

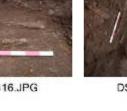


DSC_0420.JPG



DSC_0421.JPG



















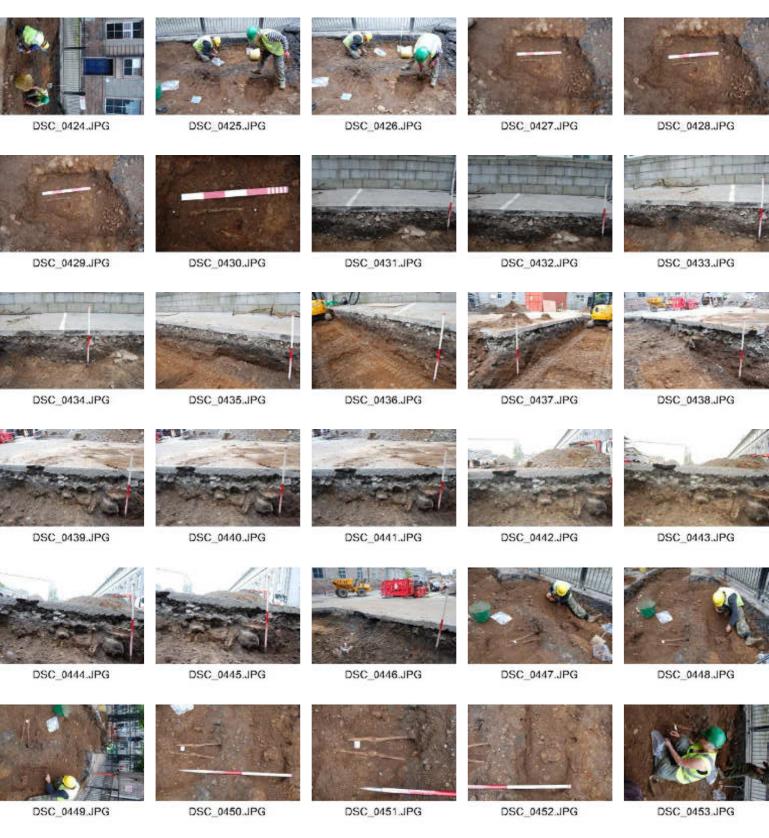
DSC_0402.JPG













DSC_0454.JPG



DSC_0455.JPG



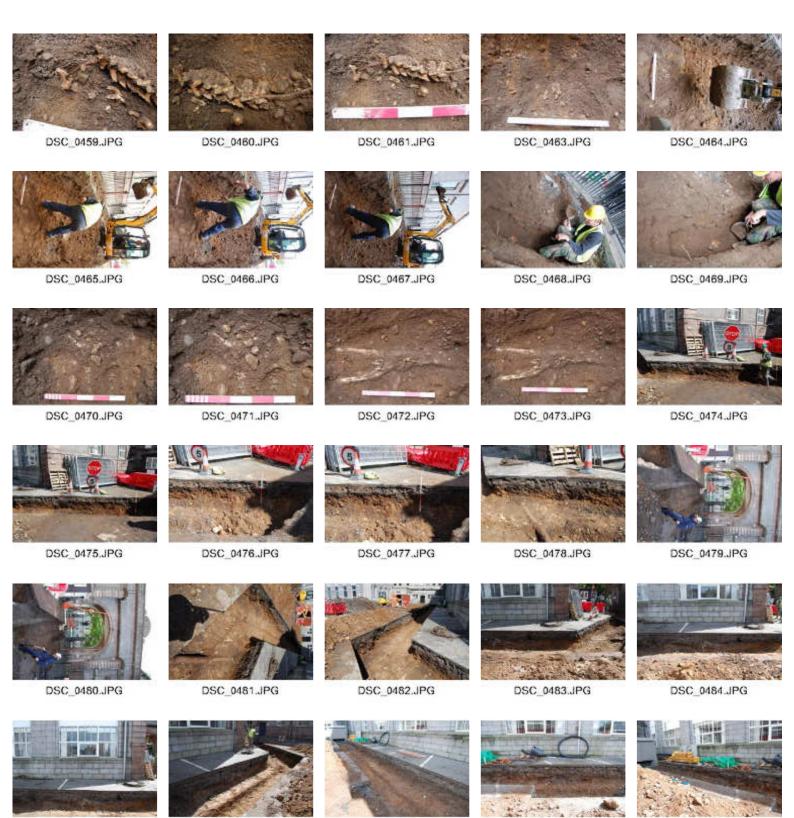
DSC_0456.JPG



DSC_0457.JPG



DSC_0458.JPG



DSC_0485.JPG



DSC_0490.JPG



DSC_0491.JPG



DSC_0487.JPG

DSC_0492.JPG



DSC_0488.JPG

DSC_0493.JPG



DSC_0494.JPG



DSC_0495.JPG



DSC_0496.JPG



DSC_0497.JPG



DSC_0498.JPG



DSC_0499.JPG



DSC_0500.JPG



DSC_0501.JPG



DSC_0806.JPG



DSC_0807.JPG



DSC_0808.JPG



DSC_0809.JPG





DSC_0811.JPG



DSC_0812.JPG



DSC_0813.JPG



DSC_0814.JPG







DSC_0817.JPG



DSC_0818.JPG



DSC_0819.JPG







DSC_0821.JPG



DSC_0822.JPG



DSC_0823.JPG



DSC_0824.JPG

DSC_0829.JPG



DSC_0825.JPG



DSC_0830.JPG



DSC_0826.JPG



DSC_0827.JPG

DSC_0832.JPG





DSC_0833.JPG



DSC_0831.JPG















DSC_0834.JPG



DSC_0835.JPG



DSC_0836.JPG



DSC_0837.JPG



DSC_0838.JPG



DSC_0839.JPG



DSC_0840.JPG



DSC_0841.JPG



DSC_0842.JPG



DSC_0843.JPG



DSC_0844.JPG





DSC_0846.JPG



DSC_0847.JPG



DSC_0848.JPG



DSC_0849.JPG





DSC_0850.JPG



DSC_0851.JPG



DSC_0852.JPG



DSC_0857.JPG



DSC_0853.JPG



DSC_0858.JPG



DSC_0854.JPG

DSC_0859.JPG



DSC_0855.JPG

DSC_0860.JPG



DSC_0861.JPG

DSC_0856.JPG



DSC_0862.JPG



DSC_0863.JPG



DSC_0864.JPG



DSC_0865.JPG



DSC_0866.JPG



DSC_0867.JPG



DSC_0868.JPG



DSC_0869.JPG



DSC_0870.JPG

DSC_0871.JPG



DSC_0872.JPG

DSC_0873.JPG



DSC_0874.JPG



DSC_0875.JPG



DSC_0876.JPG



DSC_0877.JPG



DSC_0878.JPG



DSC_0879.JPG



DSC_0880.JPG



DSC_0881.JPG



DSC_0882.JPG



DSC_0883.JPG



DSC_0884.JPG



DSC_0885.JPG



DSC_0886.JPG



DSC_0887.JPG



DSC_0893.JPG



DSC_0889.JPG

DSC_0894.JPG



DSC_0890.JPG

DSC_0895.JPG



DSC_0891.JPG

DSC_0896.JPG



DSC_0892.JPG

DSC_0897.JPG



DSC_0898.JPG



DSC_0899.JPG



DSC_0900.JPG



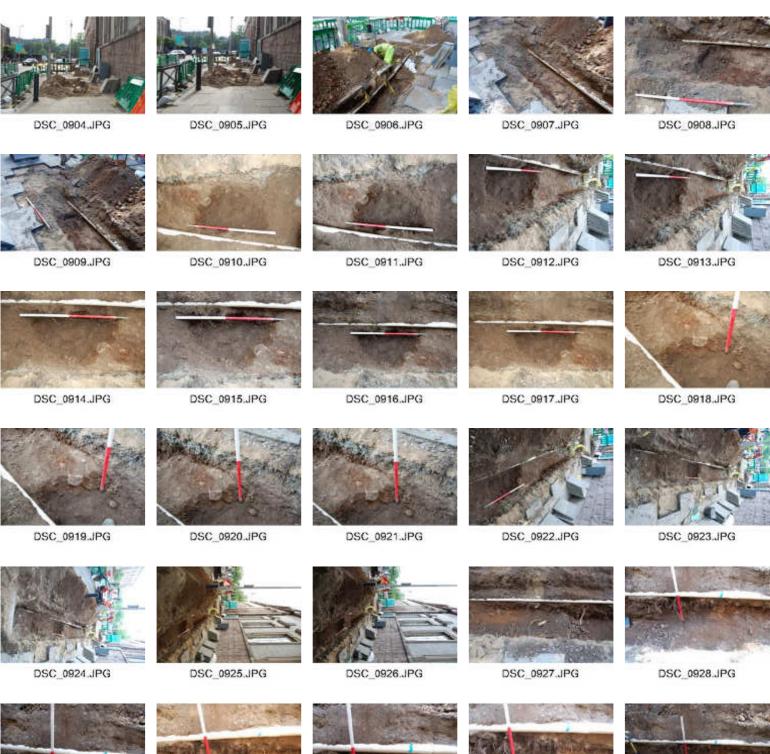
DSC_0901.JPG



DSC_0902.JPG



DSC_0903.JPG



DSC_0929.JPG



DSC_0934.JPG



DSC_0935.JPG



DSC_0936.JPG



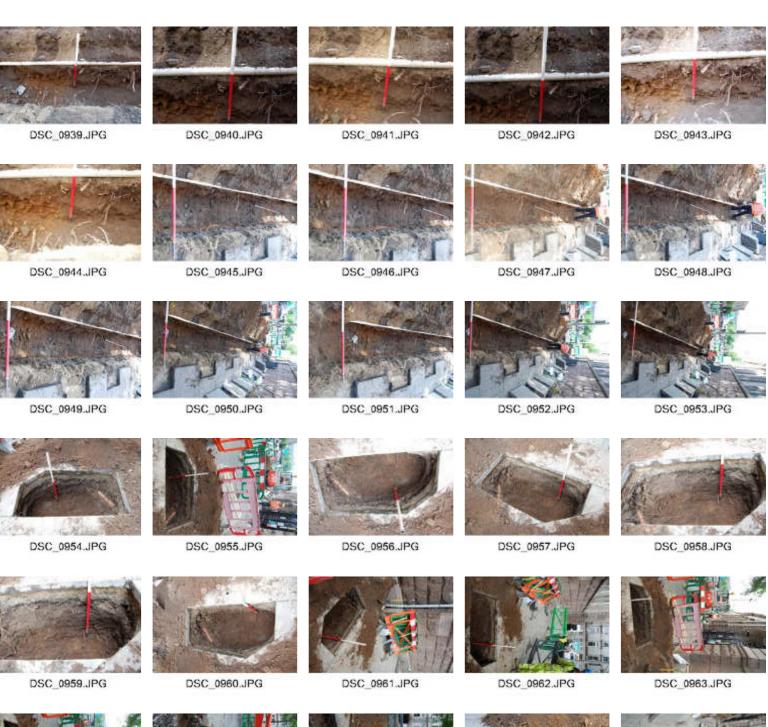
DSC_0932.JPG

DSC_0937.JPG





DSC_0938.JPG











DSC_0970.JPG



DSC_0966.JPG

DSC_0971.JPG



DSC_0967.JPG

DSC_0972.JPG



DSC_0968.JPG



DSC_0973.JPG



DSC_0974.JPG



DSC_0975.JPG



DSC_0976.JPG



DSC_0977.JPG

DSC_0978.JPG



DSC_0979.JPG



DSC_0980.JPG



DSC_0981.JPG



DSC_0982.JPG



DSC_0983.JPG



DSC_0984.JPG



DSC_0985.JPG



DSC_0986.JPG



DSC_0987.JPG



DSC_0988.JPG



DSC_0989.JPG







DSC_0992.JPG



DSC_0993.JPG



DSC_0994.JPG







DSC_0996.JPG



DSC_0998.JPG



DSC_0999.JPG

IMG_0068.JPG



IMG_0061.JPG



IMG_0069.JPG







IMG_0066.JPG

IMG_0071.JPG





IMG_0072.JPG





















IMG_0130.JPG



IMG_0135.JPG



IMG_0136.JPG



IMG_0137.JPG



IMG_0133.JPG

IMG_0138.JPG





IMG_0139.JPG



IMG_0140.JPG



IMG_0147.JPG



IMG_0148.JPG



IMG_0149.JPG

IMG_0150.JPG



IMG_0151.JPG



IMG_0152.JPG



IMG_0153.JPG



IMG_0154.JPG



IMG_0155.JPG



IMG_0156.JPG



IMG_0157.JPG



IMG_0158.JPG



IMG_0159.JPG



IMG_0160.JPG



IMG_0161.JPG





IMG_0163.JPG



IMG_0164.JPG



IMG_0165.JPG



IMG_0166.JPG











IMG_0169.JPG



IMG_0170.JPG



IMG_0171.JPG



IMG_0167.JPG

IMG_0172.JPG



IMG_0173.JPG



IMG_0174.JPG



IMG_0175.JPG



IMG_0180.JPG



IMG_0181.JPG



IMG_0182.JPG



IMG_0183.JPG



IMG_0184.JPG



IMG_0185.JPG



IMG_0186.JPG



IMG_0187.JPG



IMG_0188.JPG



IMG_0189.JPG