

4-6 Grassmarket

Edinburgh, City of Edinburgh

Archaeological Excavation : December 2017

for

Signature Pubs Ltd

May 2018



Excavations in Area A behind the Flodden Wall

Addyman Archaeology

Archaeology Heritage Consultancy Architecture

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Contents

Illustrations

Acknowledgements

Executive Summary

1.	<i>Introduction</i>	6
i.	<i>Background and previous work</i>	6
ii.	<i>Site location and geology</i>	7
2.	<i>Historical Setting and Summary</i>	9
3.	<i>Methodology</i>	11
i.	<i>General</i>	11
ii.	<i>Area A</i>	11
iii.	<i>Area B</i>	12
4.	<i>Results: Area A</i>	13
i.	<i>The Flodden Wall and King-Post Retention Trenches</i>	13
ii.	<i>Area A, Stratigraphy and Terracing</i>	17
iii.	<i>Northern buttress walls and associated deposits</i>	22
5.	<i>Results: Area B</i>	26
i.	<i>Historic Building Recording</i>	26
ii.	<i>General ground floor works</i>	30
iii.	<i>The Lift shaft trench</i>	31
6.	<i>Finds Assessment</i>	34
7.	<i>Summary and Discussion</i>	38
	<i>References</i>	40
Appendix A	<i>Context Register</i>	41
Appendix B	<i>Drawings Register</i>	43
Appendix C	<i>Finds Register</i>	44
Appendix D	<i>Photograph Register</i>	49
Appendix E	<i>DES Entry</i>	61

Appendix F
Koonce

Ceramics, CBM, Clay Pipe and Glass Assessment by Julie Franklin & Amy
62

Illustrations

List of Figures

Figure 1 Site location	8
Figure 2 Site location in blue. Detail from James Gordon's 1647 map 'Bird's Eye view of Edinburgh'. NLS	10
Figure 3 Site location in blue. OS, 1st edition. 25 inch to 1 mile. 'Edinburgh' Sheet 35. Surveyed 1877. NLS	10
Figure 4 Site plan	14
Figure 5 Area A, North section	15
Figure 6 Area A, West-facing section	21
Figure 7 West-facing elevation of Wall [102]	23
Figure 8 Area B, ground floor photolocation plan	28
Figure 9 Area B, first floor photolocation plan	29
Figure 10 Area B, lift shaft trench plan (centre) with east-facing section (left) and south-facing section (top).	33
Figure 11 Historic ground floor plan with lift shaft trench location. Hardy & Wight, 4 th July 1884. City of Edinburgh Council Archives	34
Figure 12 Historic ground floor with annotation on rear plot. Hardy & Wight, 4 th July 1884. City of Edinburgh Council Archives	39

List of Plates

Plate 1 PT1, general view post-ex with Flodden Wall face and Deposit (120) above natural (121). Facing W	16
Plate 2 PT1, S-facing section with Deposit (119) abutting Flodden Wall. Facing NW	16
Plate 3 General view of Flodden Wall base. Facing NW	16
Plate 4 General view of Flodden Wall base with Deposit (120). Facing SE	16
Plate 5 Brick underpinning at south extent of Flodden Wall in Area A. Facing NW	17
Plate 6 Brick underpinning at south extent of Flodden Wall in Area A. Facing NW	17
Plate 7 General view of central Area A, with flat terraced natural (152) exposed. Facing N	18
Plate 8 General view of central Area A, with flat terraced natural (152) exposed. Facing W	18
Plate 9 DT2 East-facing section with natural (152) rising up to north at far right. Facing W	18
Plate 10 DT3 West-facing section with natural (152) rising up to north at left and slight gullying at base-of slope. Facing E	18
Plate 11 DT4 General view with Deposit (158) over natural clay (152) and gullying in natural at left. Facing E	18
Plate 12 DT4 East-facing section with natural (152) rising up to north at right and gullying at base-of slope. Facing W	18
Plate 13 Cut [122] as exposed in PT9 with Fill (123) to left, natural (152) to right. Facing W	19
Plate 14 General view of Cut [122] exposed during stripping. Facing E	19
Plate 15 Robertson Memorial retaining wall with Fill (123) behind. Facing W	19
Plate 16 General view of retaining wall with Fill (123) to north. Facing W	19
Plate 17 Post-hole [155] in DT1, general view post-ex. Facing E	19
Plate 18 Post-hole [153] cutting natural (152), general view post-ex.. Facing N	19
Plate 19 General view of rubble Deposit (148) with wall collapse [144] at bottom left, overlying black Deposit (142) at top left. Facing E	20
Plate 20 General view wall collapse [149]. Facing E	20
Plate 21 General view of Walls [101] (far left), [106], [102], [103] and [105] (foreground) as first uncovered. Facing NW	24

Plate 22	General view of Walls [101], [106], [102] and [103]. Facing N	24
Plate 23	Wall [101] as first uncovered. Facing W	24
Plate 24	Wall [106], east elevation. Facing W	24
Plate 25	Wall [102] at left overlying wall collapse [145] with Wall [103] in background. Facing NE	24
Plate 26	General view of Walls [102] (left) and [103] (right). Facing NW	24
Plate 27	Wall [103], east elevation with Deposit (150) abutting. Facing W	25
Plate 28	General view of Walls [106] (foreground), [102] (centre) and [103] (background). Facing E	25
Plate 29	Possible wall fragment [159] Facing E	25
Plate 30	West and central blocked windows with west fireplace in north wall. Facing N	26
Plate 31	Quatrefoil iron vent retrieved from north wall east window blocking	26
Plate 32	Ground floor east wall internal face. Blocked window with quatrefoil vents re-inserted. Facing E	27
Plate 33	Ground floor east wall internal face, original window with modified lintel. Facing E	27
Plate 34	First floor north wall interior face, west side with alcove. Facing N	27
Plate 35	First floor north wall interior face, east side with blocked fireplace, alcove and later external door. Facing N	27
Plate 36	First floor, east flank with brick partition wall. Facing S	27
Plate 37	Sleeper walls [107]—[109] with existing lift shaft concrete foundations. Facing NE	30
Plate 38	Sleeper walls [108] (foreground) – [110], general view. Facing SW	30
Plate 39	Wall foundation trench with Deposit (114). Facing S	31
Plate 40	Wall foundation trench with Deposit (114). Facing W	31
Plate 41	General view lift shaft trench pre-excavation. Facing W	32
Plate 42	Natural clay (133) exposed across lift shaft trench. Facing N	32
Plate 43	Deposit (131) with stone scatter (128) at right. Facing E	32
Plate 44	Deposit (131) with stone scatter (128) at left. Facing NW	32
Plate 45	SF034, selected ceramic assemblage from general rubble deposit (141).	35
Plate 46	SF037 – 041. Finds derived from Deposit (142).	35
Plate 47	SF080, ceramics. Deposit (139).	35
Plate 48	Selected ceramics	35
Plate 49	SF005, ceramic disc gaming piece. Deposit (119).	35
Plate 50	SF100, clay pipe fragments. Unstratified.	35
Plate 51	SF001, Princess Mary 1914 Gift Fund Box lid. Deposit (119).	36
Plate 52	SF001, detail of central roundel profile portrait.	36
Plate 53	Glass vessels.	36
Plate 54	SF087, Frazer & Green lavender water bottle. Deposit (142).	36
Plate 55	SF002. Deposit (119)	36
Plate 56	SF055. Deposit (119).	36

List of Tables

Table 1	Cut features identified in Area A	17
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4-6 Grassmarket

Edinburgh, City of Edinburgh Council

Archaeological Excavation

Executive Summary

Addyman Archaeology undertook a programme of archaeological work at 4-6 Grassmarket, Edinburgh, previously known as ‘The Lot’ in advance of its renovation and extension, in November and December 2017. The site includes the former Robertson Memorial Mission Buildings, which is a part of the larger Category B listed building 4-10 Grassmarket. The western boundary of the site is constituted by the Flodden Wall, a Scheduled Ancient Monument. The archaeological works included Historic Building Recording of the standing building, excavation in the land to the rear of the standing building, and archaeological excavation of a lift-shaft trench within the building.

The excavations revealed that the rear plot had been terraced in antiquity, probably concurrently with the construction of the Robertson Memorial Mission building, and that this terracing had removed most in-situ indications of previous occupation. Substantial fragments of structural rubble, the remains of buildings pre-dating the construction of the Robertson Memorial Mission building levelled during this terracing works, were identified, as well as a series of possible buttress walls constructed above the rubble horizon. A substantial corpus of post-medieval and modern artefacts was retrieved from the deposits excavated, including some residual material of 16th to 19th century date. The lift-shaft excavations revealed drainage features related to the original construction of the standing building, and a red sandstone rubble horizon, above natural clay, predating the standing building’s construction. The building recording noted previously blocked internal features including fireplaces and windows on the ground and first floors, and a 19th century underpinning to the Flodden Wall at the rear of the standing building.

1. Introduction

i. Background and previous work

Addyman Archaeology were contracted by Ian Forbes, Architect, on behalf of Signature Pubs Ltd, to undertake a programme of archaeological work in relation to the proposed renovation and extension of the property located at 4-6 Grassmarket, Edinburgh previously known as ‘The Lot’ (*planning ref.* 16/02114/Ful). The proposed development area is a part of the larger Category B listed building 4-10 Grassmarket which includes the former Robertson Memorial Mission Buildings and adjacent tenement building; the western boundary of the development area is constituted by a part of the Flodden Wall, a Scheduled Ancient Monument. The archaeological mitigation required by the City of Edinburgh Council Archaeology Service therefore included both Historic Building Recording of the standing building (undertaken and reported on separately) and the full archaeological excavation of the land to the rear of the building.

In 2006, Simpson & Brown Architects produced a Conservation Statement for ‘The Lot’, as the site was then known, which included analysis of the site’s history and significance (Simpson & Brown 2006). This informed repairs and repointing of the Flodden Wall in 2007, works which included the recording of the southern stretch of the west elevation of the Wall (Addyman Archaeology 2008). Detailed historical discussion for the whole site was undertaken as a Desk-Based Assessment (Addyman Archaeology 2015a), and an archaeological evaluation attempted to gain some indication of the nature, character and extent of any sub-surface remains in the rear plot of the site (Addyman Archaeology 2015b). Before major refurbishment works started, the standing building was subject to

a programme of historic building recording (Addyman Archaeology 2017), supplemented by the further recording presented in this report as stripping-out works progressed.

Archaeological work had also previously been undertaken near and around the site, and had informed on the occupational history of the immediate area and its potential. This included analysis and recording, including illustration, of the Flodden Wall itself, including the stretch in the present development area (Lawson & Reed 2003, see esp. *Illus 4*). Archaeological investigation near and around the present site had found permanent occupation in the Grassmarket area from the 7th to 10th centuries AD, as well as negative features of the Bronze Age, the late third to second millennia BC (McMeekin 2009).

This report describes the full archaeological excavation undertaken from 13 November to 8th December 2017 in the land to the rear of the standing building, and to the archaeological excavation of a lift-shaft trench within the building, and includes the further building recording undertaken as stripping-out works progressed.

A record of the excavation has been deposited with the Online Access to the Index of Archaeological Investigations (OASIS) website hosted by the Archaeological Data Service (OASIS ID: *addymana1-304564*) and with *Discovery and Excavation in Scotland (DES)*, the annual publication of fieldwork by Archaeology Scotland (included in this report as *Appendix E*).

ii. Site location and geology

The proposed development area is located at 4-6 Grassmarket, Edinburgh and is centred on NGR NT 25290 73354. The area is trapezoidal in shape and is adjacent to the Flodden Wall which forms part of its western boundary (*Figure 1*). The southern extent is formed by the standing former Robertson Memorial Mission building; to the north of this lies a rectangular area of open uncultivated land, extending from the back of the church buildings to the wall of the dance studio building of the next property. To the east is a paved area extending between the former church building and the neighbouring property; the southern extent of this area continues as a pend with gated access to the Grassmarket.

Across the development area the underlying geology is predominantly Sandstone of the Ballagan formation; sedimentary bedrock formed up to 343-359 million years ago during the Carboniferous Period, with intrusions of igneous bedrock formed between 271 to 259 million years ago during the Permian and Carboniferous Periods. The local environment during the Carboniferous would have been mainly riverine, with waters depositing sand and gravel, and fine silt deposited during overbank flooding. Additionally the local environment would have also been previously dominated by intrusions of magma.

The overlying superficial geology is made up of Devensian- Diamicton Till. These deposits were formed up to 2 million years ago in the Quaternary Period in an environment previously dominated by ice age conditions. In this environment, glaciers scoured the landscape depositing moraines, with seasonal meltwaters leaving sand and gravel outwash¹.

¹ <http://www.bgs.ac.uk/data/mapViewers/home.html> -accessed 12/05/2015

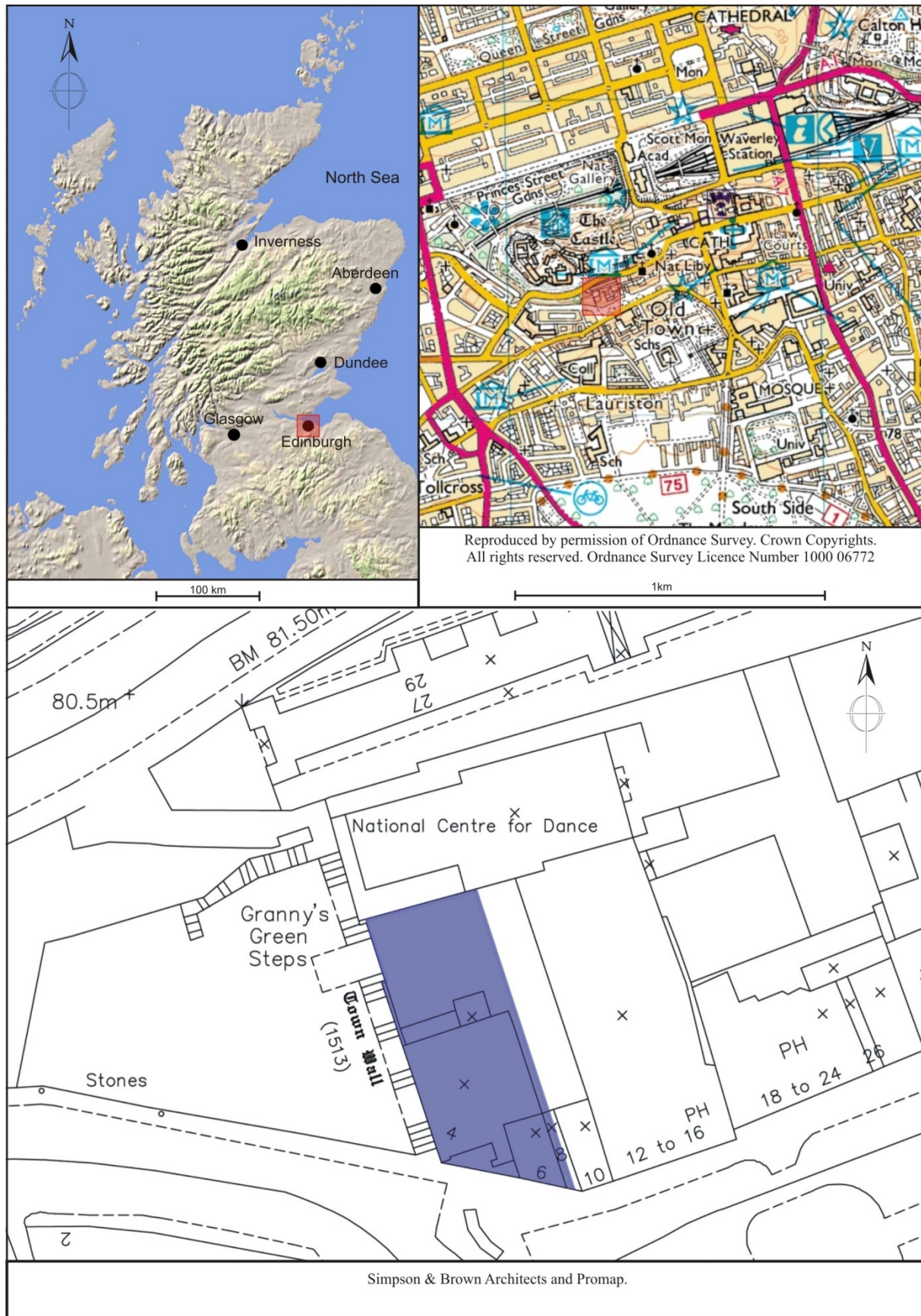


Figure 1 Site location

2. *Historical Setting and Summary*

The present development area lies within the Edinburgh World Heritage site boundary and the Old Town Conservation area; the standing Robertson Memorial Buildings are ‘B’ listed (*LB 28936*) and the western plot boundary is constituted in part by the Flodden Wall, a Scheduled Ancient Monument (*SM3012*). Fuller historical summaries may be found in previous reports (Addyman Archaeology 2015a, b) and a brief outline only, relevant to the results of the present excavations, are offered here.

The site lies on the north-western edge of the Grassmarket; as previous work has demonstrated, this area has been the site of human occupation since at least the Bronze Age, with more substantial occupation occurring in the Anglian Period (7th – 10th centuries AD). The foundation of the Grassmarket proper, with permanent structures and defined burgage-plot boundaries, however, is probably to be placed in the 14th-15th centuries (Harris 1996). The construction of the western boundary of the site, the Flodden Wall, is traditionally dated to just after the defeat of the Scottish Forces at the battle of Flodden Field, Northumberland, in 1513, though it is clear that previous defensive structures existed (Lawson & Reed 2003). The western site boundary being established in the early 16th century, then, it is clear that occupation east of the Wall has existed from at least that date. Cartographic evidence before the establishment of the Ordnance Survey give only rough indications of the buildings and narrow burgage plots extending northwards from the Grassmarket, as in James Gordon’s map of 1647 (*figure 2*); but it is clear that the present development area was occupied by long, narrow tenement buildings before the construction of the present structures on site. The buildings immediately preceding those presently standing on the site are seen in *figure 3*, the Ordnance Survey plan surveyed in 1877.

Those buildings standing today were constructed in 1884 to a design by Edinburgh architects Hardy & Wright, as a memorial to the Rev. Dr. William Robertson, a minister of New Greyfriars (Simpson & Brown 2006). They include the Mission buildings on the west side of the development, at No 4 Grassmarket, and the canted tenement buildings to the east; only the ground floor of the tenement building, presently used as shop premises, is included in the development.

The buildings were constructed in Scots Baronial style and detailing. The Mission building is a 2-storey, rectangular in plan, 4-bay gabled church; its southern elevation is furnished with a corner turret to the west and a projecting porch to the east. The tenement building is canted to the line of the street frontage, and is higher, at 4 stories. Its western corner is furnished with a conically-roofed bartizan. By 1938, the Mission, still used as such, was reported as dilapidated and some repairs may have been carried out at then. By 1979, the building had undergone a change of use to commercial premises housing an antiques showroom and warehouse; with the first and upper floors used as storage areas. Minor strengthening and alterations took place then, and the interior has been altered several times since.



Figure 2 Site location in blue. Detail from James Gordon's 1647 map 'Bird's Eye view of Edinburgh'. NLS

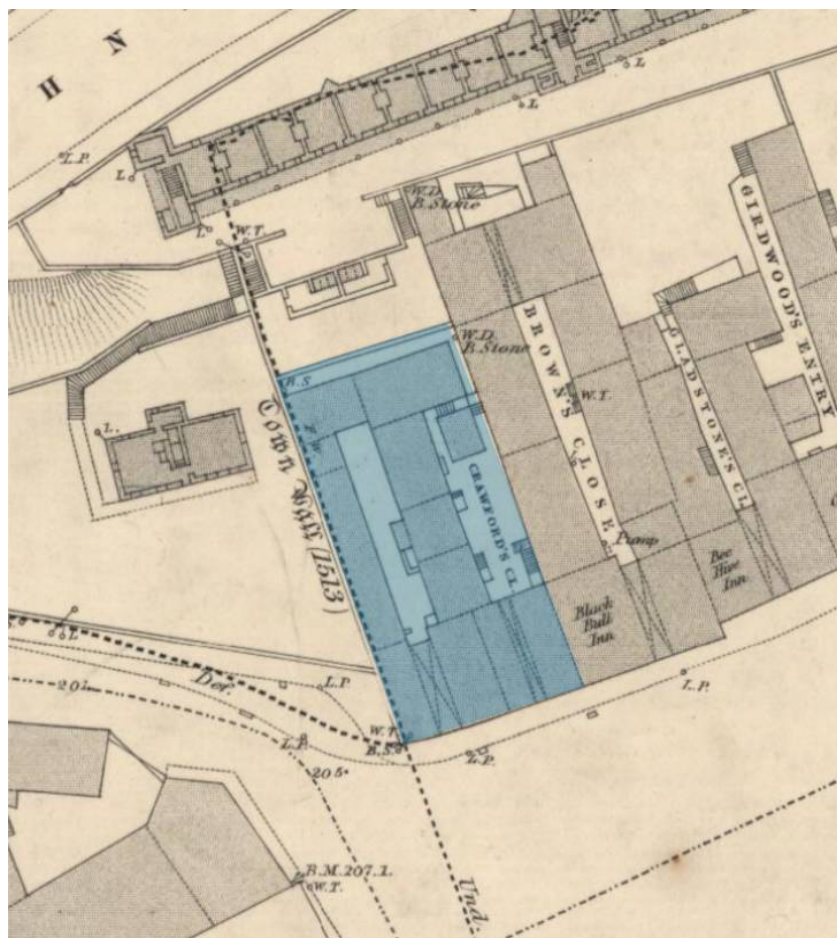


Figure 3 Site location in blue. OS, 1st edition. 25 inch to 1 mile. 'Edinburgh' Sheet 35. Surveyed 1877. NLS

3. Methodology

i. General

Addyman Archaeology is committed to providing a high standard of work for historic building recording and for any below-ground archaeological investigations. We use standard *pro-forma* sheets for the recording of archaeological contexts, finds and samples and for drawings and photographs produced during the archaeological works, which become part of the archaeological record. These records are produced to *CIfA* standards and Addyman Archaeology adheres to the *CIfA*'s principal codes of conduct. The *pro-forma* sheets were completed manually on site and generally digitised in the office in excel database or word format as required. The historic building recording complies with *ALGAO* standards. Throughout all works, a comprehensive digital photographic record with appropriate scales was maintained.

Standard field recording drawings were undertaken on permatrace at 1:20 or 1:50 scale (in plan) with details and sections drawn at 1:10.

Full registers of the records generated during the fieldwork are presented in this report as appendices, as follows: Appendix A, Context Register; Appendix B, Drawings Register; Appendix C, Finds Register; Appendix D, Photograph Register.

Where practical, Addyman Archaeology operates a policy of single context recording. In the following account, context numbers generated appear in italics and in round brackets for deposits, layers and fills, and in square brackets for features, cuts and structures.

The palaeoenvironmental, eco- and arefact retrieval sampling strategy was tailored to the requirements of the archaeological preservation on the site; no features were encountered requiring further palaeoenvironmental sampling in the present works.

ii. Area A

Area A (*figure 4*) is the area to the rear of the present standing buildings and was subject to a condition of full excavation. The area slopes up to the north in a series of gentle eroded terraces. This area was subject to piling operations at the north end of the site, where a line of piles was inserted along the northern east-west site boundary; and at the west flank of the site, parallel to the Flodden Wall, where a north-south line of king-post retention system shuttering was inserted to provide support for the upstanding Wall. After initial pile-insertion, this operation involved the excavation by machine of 10 c. 1m x 2m trenches (P1-P10), up to 3m in depth, extending eastwards from the face of, or from near the face of, the Flodden Wall (seen on *fig. 4*), to allow for the insertion of the concrete shuttering panels. These operations were subject to a watching brief condition and were monitored by a suitably qualified archaeologist, and were excavated in alternate trenches from north to south. The area behind the shuttering was then backfilled to the previous ground level with material derived from the site excavations. This operation was undertaken for a week from Monday 13th to Friday 17th November 2017. These operations were recorded photographically; as this stretch of the Flodden Wall had been recorded previously (Lawson and Reed, *Illus.4*) it was not redrawn in the current works.

After piling and shuttering operations were complete, Area A was stripped of overlying deposits with a 13-tonne mechanical excavator fitted with a flat-bladed bucket operating under archaeological supervision. With the exposure of *in-situ* and fragmentary architecture, features, structures and deposits were cleared, cleaned by hand and recorded before further stripping to the required formation level as determined by the principal contractor. This formation level was stepped across the site, with a higher terrace along the northern site boundary. At this higher northern terrace, the required formation level was within archaeological deposits; these were to be preserved *in-situ*. However, the construction design also required the insertion of four mass concrete bases to a further 3m depth; therefore, four 2m x 2m trenches were hand-excavated to the underlying natural geology, clearing

these areas of archaeological deposits to facilitate the insertion of the mass concrete bases. These trenches, termed DT1 – DT4, are shown in *figure 4*, with all other areas of excavation. With the exception of areas of the higher norther terrace, the entirety of the excavated portion of Area A was cleared to the natural clay.

iii. Area B

Area B includes the standing Robertson Memorial Chapel building and its footprint. In this area, final Historic Building Recording was undertaken as required as stripping-out and dountaking works progressed. Excavations within the building were also required for the insertion of a lift-shaft; a c. 2m x 2m trench was therefore excavated by hand by suitably qualified archaeologists to accommodate the lift-shaft foundations. Excavation proceeded, under artificial light, as outlined in *Section 3.i* and *ii* above until the natural underlying geological strata were encountered, at which point any further excavation was undertaken by the principal contractor.

4. Results: Area A

i. The Flodden Wall and King-Post Retention Trenches

As noted in *Section 3*, the first element of invasive works in Area A involved the machine-excavation of 10 trenches in order to facilitate the insertion of concrete shuttering in a north-south line parallel to the Flodden Wall at the west flank of the site. These trenches, termed P1 to P10 (*figure 4*), were excavated from north to south, in an alternating or hit-and-miss pattern in order to minimise exposure of the Flodden Wall foundations or footings. Those trenches which were excavated up to 3m in depth from the top of the exposed piles were not entered by Addyman Archaeology personnel and were recorded from the trench edges.

This operation revealed an apparently consistent pattern for trenches P1 to P9: below a skim of disturbed overlying material (*100*), a thick deposit (*119*) of loose dark-grey to black gritty silt containing loose angular and sub-angular rubble, brick and mortar, directly abutted the lower courses of the Flodden Wall masonry (*plates 1-2*), and extended *c.*2.30m eastwards from it. This context overlay Deposit (*120*), a mid-yellowish-brown sandy clay. Deposit (*120*) was a *c.*0.10m thick horizon of slightly mixed and trampled redeposited natural material which directly overlay the natural mid-purpleish boulder clay (*121*). Material derived from Deposit (*119*) includes ceramics, metal and glass of late 19th and 20th century date, including *SF001*, the lid fragment of a brass Princess Mary Gift Fund box, dated 1914 (see *Section 6, Finds Assessment*, below, for further details).

The base of the Flodden Wall was exposed across these trenches (*plates 3-4*), though given the conditions of excavation, not hand-cleaned. Across this stretch of the base of the Wall, the basal masonry sat on a gently elevated ridge of the natural clay (*121*) which sloped down immediately to the east. No foundation trenching was apparent on the east side of the Wall, and with the exception of Deposit (*119*) directly abutting it at its base, no further preserved stratigraphy. Apart from the later 18th and early 19th century insertion at the south end of the Wall (the ‘Phase 2’ walling of Lawson & Reed 2003: 7ff and *Illus 4*), the masonry of the Wall appeared coherent and single-phased, with no intrusions, cross-walls or earlier masonry noted in this area.

The furthest southern extent of the Flodden Wall in Area A was exposed in the area immediately outside the northern gable end of the standing Robertson Memorial building, where a strip of land had been terraced away to the Building’s internal ground floor level (*c.* 64.75 OD) during its initial construction (as can be seen on the historic architects’ plans marked ‘Area’ on *figures 11 and 12*). This stretch of the Wall – itself of probable 19th century date) had been underpinned with brick masonry, the southern extent with a cement plaster render (*plates 5-6*). This underpinning suggests that the masonry observed in the shuttering trenches indeed represents the basal courses of the Flodden Wall, which therefore in this stretch is not deeply trenched-in.

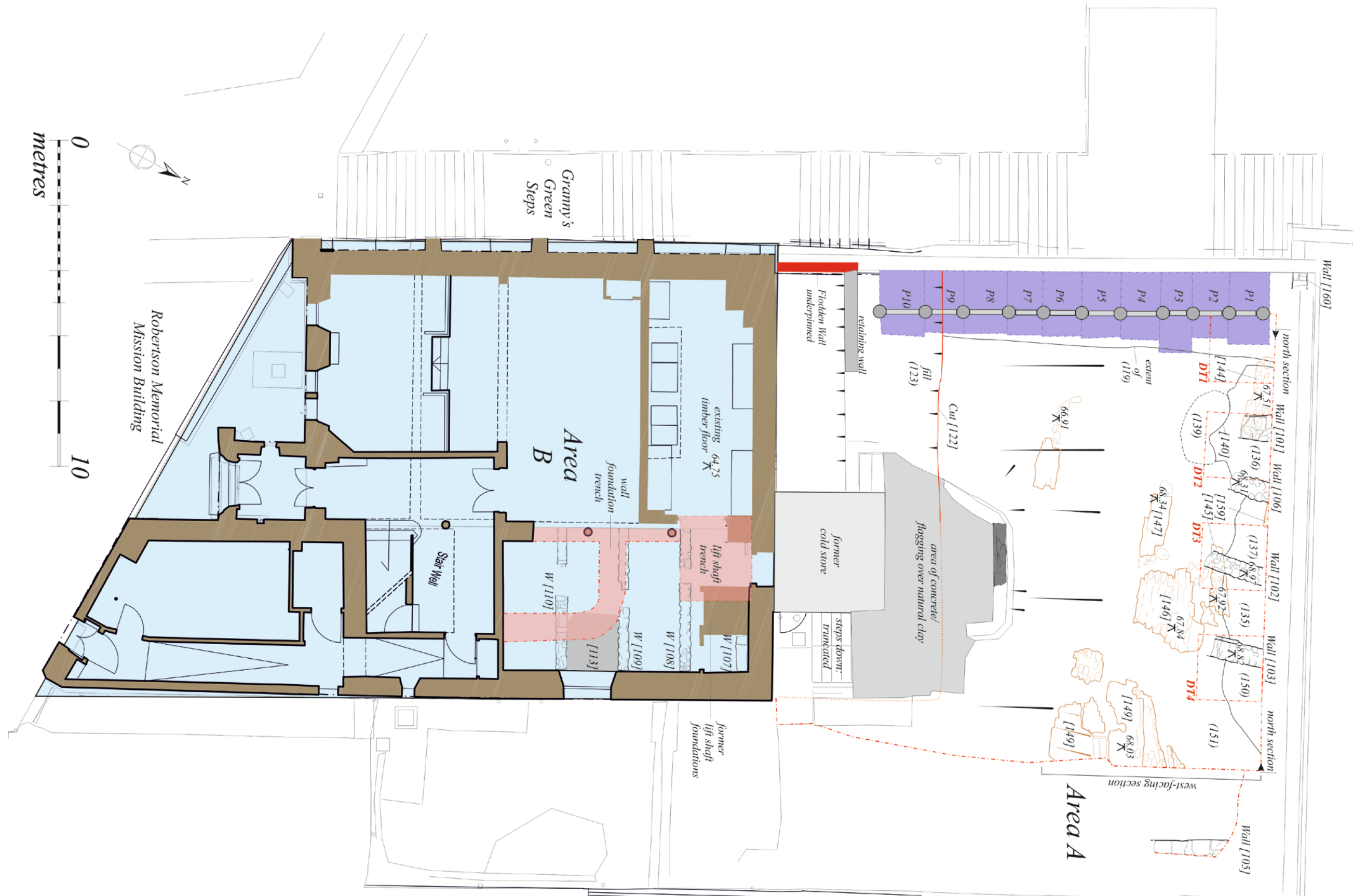


Figure 4 Site plan





Plate 1 PT1, general view post-ex with Flodden Wall face and Deposit (120) above natural (121). Facing W



Plate 2 PT1, S-facing section with Deposit (119) abutting Flodden Wall. Facing NW



Plate 3 General view of Flodden Wall base. Facing NW



Plate 4 General view of Flodden Wall base with Deposit (120). Facing SE



Plate 5 Brick underpinning at south extent of Flodden Wall in Area A. Facing NW

Plate 6 Brick underpinning at south extent of Flodden Wall in Area A. Facing NW

ii. Area A, Stratigraphy and Terracing

In general, the results from Area A may be divided into two broad phases and characters: the general terracing of the natural slope to the rear of the Robertson Memorial building and its associated deposits, described in this section; and the later buttressing walls, recovered along the north edge of the site, described in the following section. The tertiary and *ex-situ* nature of the deposits across Area A provides indirect evidence to the early use and occupation of the site, which is not otherwise directly attested, as will be seen in the following account.

The excavation of Area A revealed that the underlying natural boulder clay termed (121) in the pile trenches and (152) across Area A comprised a flat or very gently sloping horizon, sloping only from 66.69m OD at the central area of Area A (the far south being terraced away) to around 67.18m OD near the northern edge of excavation (*figures 4, 5 and 6 and plates 7-8*). Given the surrounding natural topography of what was Castle Bank (Granny's Green), sloping up to the north to the Castle rock, it is clear that the area had been terraced flat in antiquity. At the very northern end of Area A, the edge of this terracing is apparent, as the natural clay (152) begins to slope abruptly upwards, to around 67.41 OD, with some indications of east-west walling on this higher ground (see below). This edge or boundary was exposed in the mass concrete base trenches DT2 to DT4 (*plates 9-12*); in DT1, at the NW corner of the site, the natural clay continued flat to the edge of excavation. Part of this terracing operation appears to have included the excavation of a shallow linear gully, oriented east-west, at the base of slope of the natural clay ridge (*plates 10-12*). This gully was discontinuous and shallow, up to 0.65m wide but generally c.0.37m wide, with a rounded base, fading out to the west and more sharply defined to the east; it was filled by the same deposit as everywhere overlies the natural, and was therefore not considered a formal ditch but rather as a part of the terracing operations.

The southern extent of this flat, terraced natural is defined by a long linear Cut [122], first revealed in PT9 and found to extend eastwards across to the eastern edge-of-excavation (*plates 13-14*). Cut [122] was oriented east-west, with sharp breaks-of-slope, near-vertical sides and a flat base. It was filled with Fill (123), a mixed deposit largely composed of sharp yellow sand with lenses of mid-brown silt and orangey-brown and purplish clay redeposited natural material, as well as some angular rubble. The southern extent of Fill (123) is retained by the round-headed coped sandstone-faced wall standing at the time of the present works, itself a part of the Robertson Memorial building (*plates 15-16*).

Three cut features were identified cut into the natural clay (152), all small circular or sub-circular pits (*plates 17-18*) interpreted as post-holes; in each case their fills were very similar to the overlying deposit (142). These features are summarised in *table 1*, below.

Cut No.	Filled by	Cut Description	Fill Description
[153]	(154)	Round in plan with straight sides and sharp breaks-of-slope. 0.20m diameter. Stone possible post-pad at 0.16m depth.	Medium loose, dark grey-black clayey silt with mid-brown clay inclusions.
[155]	(156)	Sub-circular in plan with steep sides and gently rounded base. 0.45m x 0.35m x 0.16m	Moderately compact mottled dark brown to black gritty silt with pinkish clay and occasional small angular stone inclusions
[163]	(164)	Sub-circular in plan with straight sides, sharp breaks of slope and gently rounded base. 0.32m x 0.29m x 0.15m	Moderately compact dark brown to black gritty silt with small sub-angular stone and brick inclusions.

Table 1 Cut features identified in Area A



Plate 7 General view of central Area A, with flat terraced natural (152) exposed. Facing N



Plate 8 General view of central Area A, with flat terraced natural (152) exposed. Facing W



Plate 9 DT2 East-facing section with natural (152) rising up to north at far right. Facing W



Plate 10 DT3 West-facing section with natural (152) rising up to north at left and slight gully at base of slope. Facing E



Plate 11 DT4 General view with Deposit (158) over natural clay (152) and gully in natural at left. Facing E



Plate 12 DT4 East-facing section with natural (152) rising up to north at right and gully at base of slope. Facing W



Plate 13 Cut [122] as exposed in PT9 with Fill (123) to left, natural (152) to right. Facing W



Plate 14 General view of Cut [122] exposed during stripping. Facing E



Plate 15 Robertson Memorial retaining wall with Fill (123) behind. Facing W



Plate 16 General view of retaining wall with Fill (123) to north. Facing W



Plate 17 Post-hole [155] in DT1, general view post-ex. Facing E



Plate 18 Post-hole [153] cutting natural (152), general view post-ex.. Facing N

Uniformly across the site, the natural clay (152) was found to be overlain by two distinct deposits: Deposit (158), a loose yellow sand containing small sub-angular stones, appeared in discontinuous, small patches across the site (*plate 11*); this deposit was markedly similar in composition to the yellow sandy Fill (123) of Cut [122] mentioned above; and Deposit (142), a loose dark black gritty silt, up to 0.24m thick, which overlay Deposit (158) where it appears, and everywhere else directly overlay the natural clay (152). Except for the small patches where Deposit (158) appears, layer (142) is the basal deposit on the site. The dating of this deposit is therefore of some interest in understanding the site. An initial small sounding into this deposit was hand-excavated, in order to retrieve datable artefacts; and the hand-excavation of trenches DT1-4 provided spatially-bounded, discrete areas across the northern strip of the site from which datable artefacts were retrieved; these assemblages could be added to the general artefact collection from the deposit across the site. In all areas the finds retained are datable to the late 19th and early-mid 20th century (see also *Section 6, Finds Assessment*). Also found in Deposit (142), in DT1 at the north-western corner of the site was an articulated cat skeleton, SF006 (located on *figure 5*). Although no discrete grave-cut was located, the higher density of lime fragments surrounding the remains suggest it was a deliberate burial, the lime having been dumped with the body as a disinfectant.

Clearly overlying basal Deposit (142) were a series of rubble-rich deposits. Deposit (148) was revealed in the western flank of the site, and was a loose mid-brown sandy silt matrix containing a very high density of sub-angular rubble masonry fragments bonded with a mid-orangy-brown mortar containing lime flecks. Within this rubble deposit were larger fragments of coherent masonry collapse: [144] at the north-west end of the site (*plate 19*), [145], [146] and [147] in the central section of Area A, and [149] at the eastern flank of the area excavated (*plate 20*). Investigation of these features revealed that in all cases these represented fragments of wall collapse – [144], [146], [149] were flat-lying wall sections of demolished buildings; [145] and [147] appeared as more upright but kiltered demolished wall fragments. No foundation courses or other trenched-in elements were found associated with these wall fragments. They uniformly overlay Deposit (142) and were all *ex-situ*. This relationship is clear in *figure 6*, the west-facing section of Area A. In the north-eastern flank of the site, the rubble horizon is represented by (151), characterised by looser mid brown clayey silt containing a high density of sub-rounded stones, some partially mortared with the same mid orangy-brown mortar, which again overlay Deposit (142).

It was on these rubble deposits and wall collapse fragments that the northern buttress walls were constructed, as will be discussed in the following section.



Plate 19 General view of rubble Deposit (148) with wall collapse [144] at bottom left, overlying black Deposit (142) at top left. Facing E



Plate 20 General view wall collapse [149]. Facing E

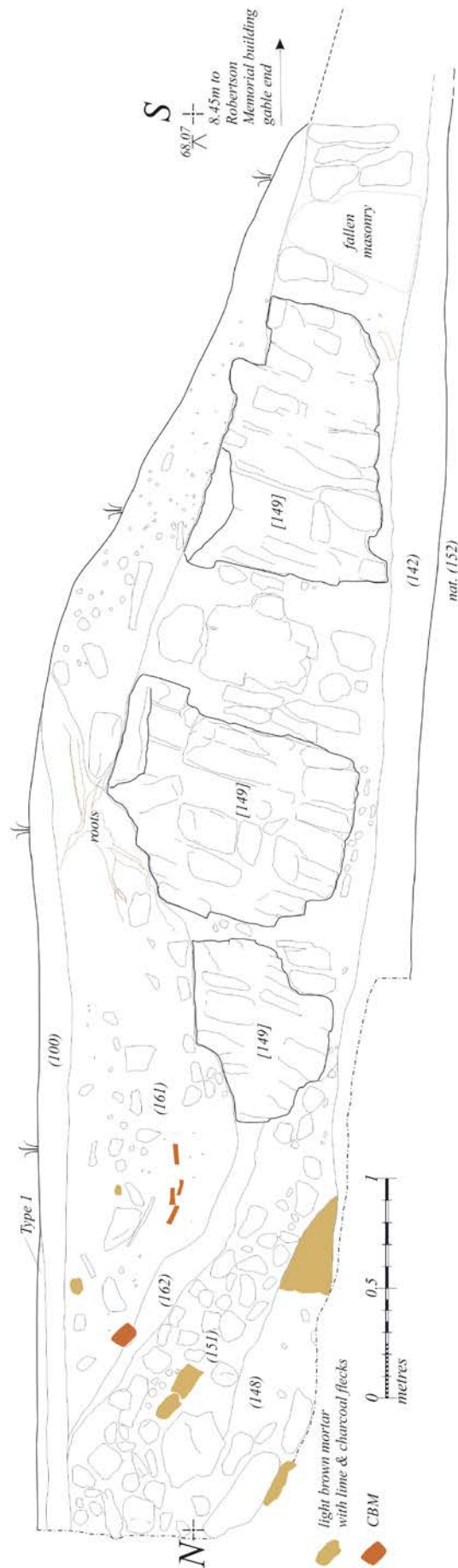


Figure 6 Area A, West-facing section

iii. Northern buttress walls and associated deposits

At the northern edge-of-excavation, five roughly north-south aligned wall stubs were uncovered (*plates 21-2*); one of these, Wall [105], lay outwith the area of deep excavations proper, was recorded only during the superficial works required for the piling rig, and was not further excavated. It was only partially exposed along its west face, where it appeared for a length of 2.4m north to south, 0.50m wide and 0.40m high, composed of squared whin blocks and reddish sandstone rubble blocks, well-faced on its western face and bonded in mid orangey-brown mortar containing lime flecks. No further surfaces or features were uncovered in association with this wall and it remains outwith the area affected by ground-breaking works.

The further walls lay to the west within the area excavated in Area A. Walls [101], [106], [102] and [103] appeared along the northern edge-of-excavation (*figure 4*); their northern extents were not uncovered and were truncated by the insertion of the northern piles. The walls appeared similar though not identical, and are described in the following along with the deposits associated with them.

Wall [101], in the far west of the area of excavation (*plate 23*), was exposed extending 1.30m southwards from the northern edge-of-excavation, truncated at its southern end, 0.80m wide and 1.4m high; it was composed of squared whin blocks with occasional unquarried reddish sandstone rubble and occasional hand-made bricks; some stones were re-used, one displaying a dowel-hole. It was bound in a light mid-grey mortar, and overlay the rubble deposit (148).

Wall [106] (*plate 24*) was exposed c.1.13m to the east of Wall [101], and extended 1.22m south of the edge-of-excavation, 0.65m wide and preserved 0.65m high, again previously truncated at its southern extent. It was composed of a mix of whin and reddish sandstone cobbles, bound in greyish mortar with limestone flecks, roughly faced and randomly coursed. Wall [106] displayed a pronounced tilt to the east, and was built over the underlying rubble deposit (138). Abutting Wall [106] on its east side, overlying the rubble deposit (138), was Deposit (137), a mid-brown clayey silt with frequent charcoal flecks and occasional small to medium sub-angular stones, a deposit which appeared similar to garden soil or midden deposits commonly found on urban back-plot sites. This context was overlain by a mixed, mid yellowish-brown silty clay (134) which directly underlay the disturbed overburden deposit (100).

Both Wall [101] and Wall [106] were also abutted by Deposit (136), mixed mid yellowish-brown silty clay, very similar to and contemporary with Deposit (134); it extended 3.45m east-west and 1.92m north-south, 0.23m thick, and contained frequent medium sub-angular rubble and brick. Deposit (136) was truncated at its southern extent by an irregular cut [140], filled by a very loose black silty deposit (139), 2.31m x 0.95m x 0.33m in extent.

Wall [102] extended 1.85 south of the edge-of-excavation, 1.95m to the east of Wall [106]; it was 0.50m wide and survived up to 0.70m high. It was composed of a mix of grey whin and sandstone, varying from pinkish to buff in hue; some of these stones appeared to be reused masonry blocks and included a grey whin street cobble, bonded in light- to mid-grey lime mortar with occasional charcoal flecks. The wall was roughly coursed, with the courses angled at roughly 30° from the horizontal, sloping down to the north (*figure 7*). The southern extent of Wall [102] was clearly built directly over a fragment of coherent wall collapse [145], and loose rubble (151) (*plate 25*); its northern extent displayed a void at its base, not cut through the masonry but composed of the stepped basal course, which may suggest a stepped foundation. This northern extent was abutted on its east side by Deposit (135), a mid-brown clayey silt with frequent charcoal flecks, occasional small to medium sub-angular rubble, and butchered faunal remains; this deposit, similar to a garden soil or midden deposit, was very similar to, and assumed to be contemporary with, Deposit (137) to its west.

Wall [103] was perhaps the best-preserved of these walls (*plates 26-27*); at 1.90m east of Wall [102], it extended 1.50m south of the northern edge-of-excavation; traces of mortar similar to that bonding the wall masonry found on the rubble collapse [146] immediately south of the wall may suggest that

the wall continued to the south for an additional 1.20m. The wall was preserved 1.10m high and 0.60m wide, composed of grey whin and sandstone rubble with occasional handmade bricks incorporated into the masonry, which was bound in a light- to mid-grey lime mortar. The wall was roughly coursed, horizontally; its upper courses were slightly more finely-faced than the lower rubble courses; and similarly to Wall [102] its northern base appeared stepped upwards. The Wall was founded on loose rubble collapse (151) and its northern extent was abutted by Deposit (150), a mid-brown clayey silt with charcoal flecks and occasional small to medium sub-angular stones – a midden deposit similar to and contemporary with Deposits (135) and (137). Overlying this Deposit to the south-east of Wall [103] was a compacted lens of reddish-brown silty clay (162), which itself underlay a deposit of loose, dark brown to black humic silt with frequent tree-roots, (161), from which modern finds were derived.

The morphology, facing, and construction of these walls (*plate 28*), and the lack of any internal or external surfacing associated with them, suggests that these walls functioned as buttresses, designed to support a structure slightly to the north of the present edge-of-excavation. This structure may be attested by the suggestions of east-west aligned masonry revealed between Walls [106] and [102]. This masonry, [159], is slightly more coherent than the rubble surrounding it; only its southern face was exposed (*plate 29*) along a 1.20m stretch of the northern edge-of-excavation section, and was composed of whin and grey limestone rubble blocks bound in a beige sandy mortar with lime flecks, preserved 0.42m high, 3-4 rough courses; its eastern and western ends appeared truncated, but this masonry, unlike the others recovered, appears to be founded on the ridge of higher natural clay which runs along the northern edge-of-excavation.

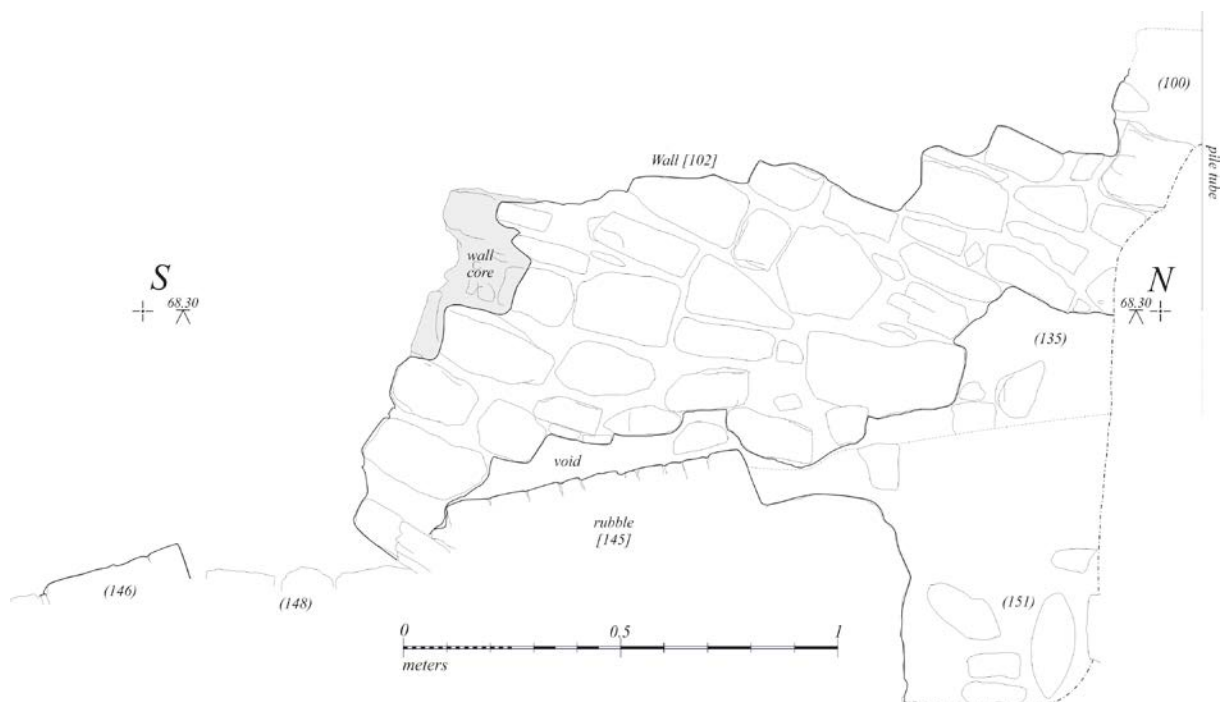


Figure 7 West-facing elevation of Wall [102]



Plate 21 General view of Walls [101] (far left), [106], [102], [103] and [105] (foreground) as first uncovered. Facing NW



Plate 22 General view of Walls [101], [106], [102] and [103]. Facing N



Plate 23 Wall [101] as first uncovered. Facing W



Plate 24 Wall [106], east elevation. Facing W



Plate 25 Wall [102] at left overlying wall collapse [145] with Wall [103] in background. Facing NE



Plate 26 General view of Walls [102] (left) and [103] (right). Facing NW



Plate 27 Wall [103], east elevation with Deposit (150) abutting. Facing W



Plate 28 General view of Walls [106] (foreground), [102] (centre) and [103] (background). Facing E



Plate 29 Possible wall fragment [159] Facing E

5. Results: Area B

Works in Area B included further recording of the building fabric during downtakings and stripping out; works related to the installation of new wall foundations on the east flank of the existing ground floor; and the excavation of a 2.6m x 2.20m trench in the footprint of a new lift shaft.

i. Historic Building Recording

Some further elements of the historic fabric of the Robertson Memorial Building were recorded during stripping out works, supplementing the previously issued report (Addyman Archaeology 2017). *Figures 8 and 9* show the locations of the supplementary photographic record.

On the ground floor, this included the recording of the interior face of the north wall of the Robertson Memorial Building, which had been stripped of later surface treatments. The three original window apertures in this wall had been blocked, with brick on their outer face and concrete breezeblocks on their inner face. Between the west and central window on the interior face, the removal of the former kitchen wall-treatment exposed an original fireplace (*plate 30*), the westernmost of two that had heated the main Meeting Hall as visible on the historic plans (*figure 9*). Its companion fireplace, further east on the north wall, had been slapped through to accommodate a doorway to the cold store, which was an addition of the early 20th century (blocked again during the present works); the late 20th century concrete lift shaft base was also installed to its east along the north wall. The original east window in the north wall, sealed with breezeblocks as the others, had the original iron quatrefoil vents reincorporated into the breezeblock wall stretch and were salvaged during the present works (*plate 31*). This pattern is also attested on the east wall of the meeting hall, in which an original window aperture was sealed with similar quatrefoil vents incorporated into the fabric. This east wall, stripped of later surface treatment, was seen to be clad in a bituminous skim on its lower course. The surviving window had been modified with breezeblocks at its base (*plates 32-33*).

On the first floor, the interior face of the north wall was again more fully exposed since the initial building recording. On the western side of the building, the original main meeting hall, the north wall alcove was fully exposed (*plate 34*). On the east side, the removal of the mid-20th century lift-shaft revealed the brick-blocked fireplace in the original vestry room, with the wall-alcove to its east and the later exterior door slapped through the wall (*plate 35*). On this floor the main partition wall dividing the original Church hall from the vestry and lavatory on the east flank was composed of brick rather than the sandstone rubble of the exterior walls (*plate 36*).



Plate 30 West and central blocked windows with west fireplace in north wall. Facing N



Plate 31 Quatrefoil iron vent retrieved from north wall east window blocking



*Plate 32 Ground floor east wall internal face.
Blocked window with quatrefoil vents re-inserted.
Facing E*



*Plate 33 Ground floor east wall internal face, original
window with modified lintel. Facing E*



*Plate 34 First floor north wall interior face, west side
with alcove. Facing N*



*Plate 35 First floor north wall interior face, east side
with blocked fireplace, alcove and later external door.
Facing N*



Plate 36 First floor, east flank with brick partition wall. Facing S

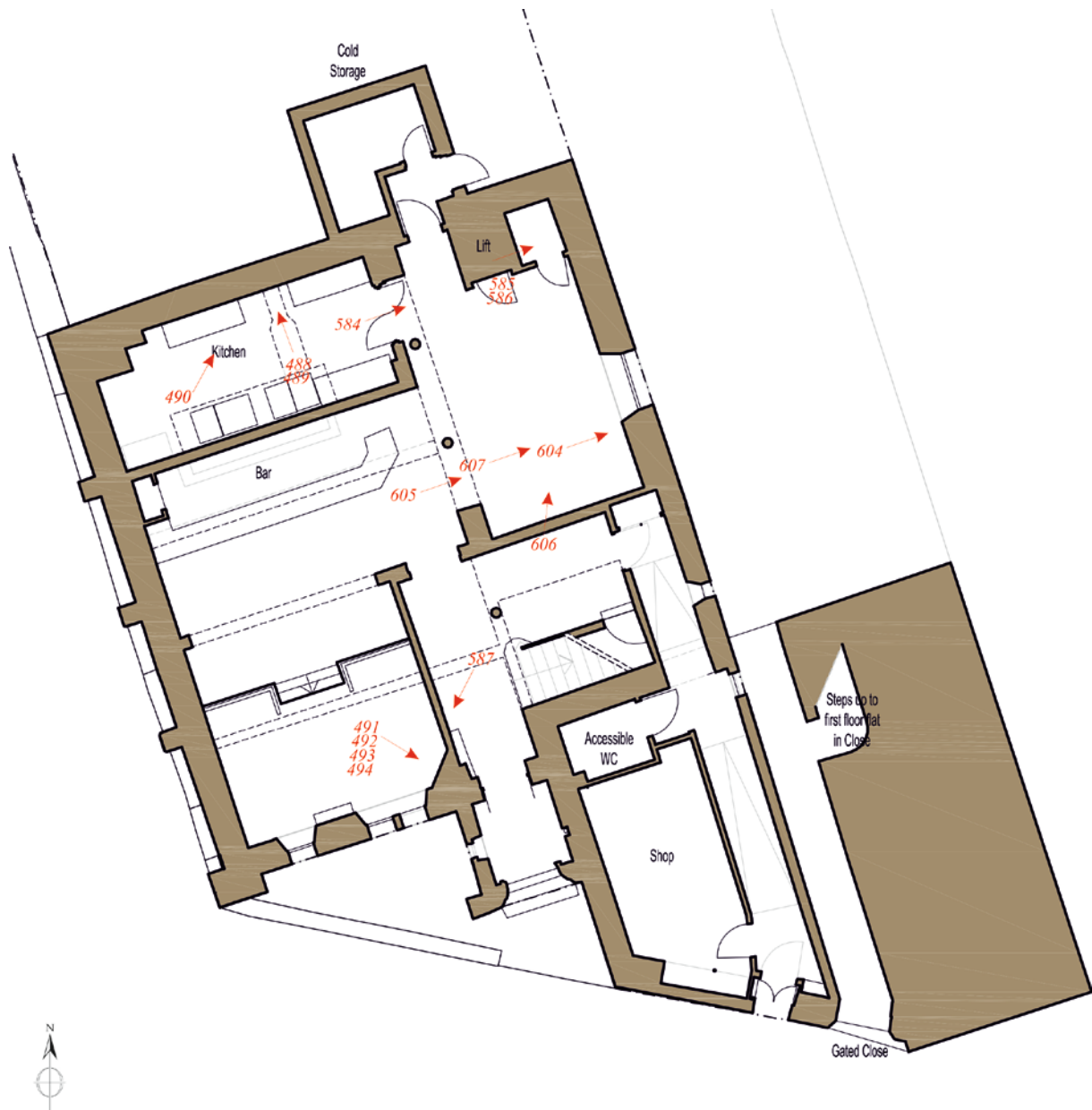


Figure 8 Area B, ground floor photolocation plan



Figure 9 Area B, first floor photolocation plan

ii. General ground floor works

Where the existing timber floor was lifted, four east-west sleeper walls, [107], [108], [109] and [110] were exposed (*plates 37-38*). These walls extended from the slightly kicked-out foundation course of the east wall of the Robertson Memorial building, against which they clearly abutted, westwards across the ground floor; their western extents were not exposed in the current works. These walls were contemporary and very similar in construction, composed of rough sandstone and whin quarried rubble, bound in a thin friable lime mortar, 0.32m wide and preserved 2-3 courses high. Wall [107], the northernmost, abutted the north wall of the Robertson Memorial Building, and was cut by the concrete foundations of the mid-20th century lift shaft base which had been installed against the north wall. Walls [108], [109] and [110] had all been truncated approximately half-way along their exposed lengths by a north-south linear service cut, and Wall [109] had been repaired with a brick insertion at the western edge of this cut. A concrete screed [113], 2.30m x 1.75m, extended from the south face of Wall [108] to the north face of Wall [109]. The walls were founded on Deposit (112), a compact, mid orangey-brown sandy silt with frequent white limestone chips and charcoal flecks, and abutted by Deposit (111), loose mid-grey silty constructional debris, which itself directly underlay the existing timber floor.

These sleeper walls were removed and new linear trenches excavated by the contractor under archaeological supervision for the insertion of wall foundations. These trenches, maximally 0.80m wide, consisted of an L-shaped trench running north from the existing southern cross-wall, returning to the west, and a second trench running north-south along the western flank of the area. These trenches were excavated through Deposits (111) and (112); their removal revealed Deposit (114), compact reddish-brown clayey silt with frequent large sub-angular reddish sandstone rubble, moderately frequent charcoal flecks, and lenses of sand and clay. This horizon contained sandstone rubble; none coherent, the possible remnants of levelled buildings predating the installation of the Robertson Memorial building (*plates 39-40*). In the north-south stretch of these trenches, the unfaced, roughly coursed sandstone rubble foundations of the internal columns were exposed, as well as a (partially exposed) single cut whin stone block [115], 0.34m x 0.20m. Abutting these was the loose, mid-grey sandy silt Deposit (116), which contained frequent medium sub-angular limestone fragments and undecayed wood fragments: a probable foundational deposit associated with the Robertson Memorial Building. Excavation ceased in the wall foundations trenches at around 63.90m OD.



Plate 37 Sleeper walls [107]—[109] with existing lift shaft concrete foundations. Facing NE



Plate 38 Sleeper walls [108] (foreground) – [110], general view. Facing SW



Plate 39 Wall foundation trench with Deposit (114).
Facing S



Plate 40 Wall foundation trench with Deposit (114).
Facing W

iii. The Lift shaft trench

In the lift shaft trench (*figure 10* and *plate 41*), natural compact pinkish-grey mottled clay (133) was found across the trench at 63.85 to 63.88m OD, 0.87-0.90m below the level of the existing timber floor; this geological horizon was found to extend across the area excavated without any evident cut features (*plate 42*).

The natural clay (133) was overlain across the trench by a thin, 0.05m thick, Deposit (131), a mid-brown sandy clay containing occasional charcoal and mortar flecks, a trampled horizon above the natural. Found to sit on this horizon was a roughly linear scatter of large reddish uncut sandstone rubble blocks [128] (*figure 10* and *plates 43-44*). These stones were un-mortared and do not appear to represent *in-situ* structures but may be related to previously levelled buildings in the area. Overlying and abutting these stones was Deposit (129), a moderately loose pale brown sandy silt containing a high frequency of small to medium sub-angular rubble, 0.20m thick. Above Deposit (129), the Deposit (112), a mixed orangey-brown clayey silt, was removed to the looser more modern sub-floor deposit (111), itself directly below the existing timber floor.

In the north-west corner of the trench, features relating to the construction and use of the Robertson Memorial building were defined. These consisted of the mortared masonry footings of the engaged buttress on the north external wall of the existing building (the upper extent of which had been demolished by the contractor for the present works), as modified for the insertion of original drainage, and the later modification of the area for the addition of a cold store and subsequently a lift shaft. In this area, the projecting stones of the foundation course [126]=[127] of the north wall of the building were interrupted by a straight-sided aperture, filled by a loose secondary fill (125), which ran through the wall of the building, and was furnished with a lintel stone. This aperture accommodated the presumably piped drainage of the original building (none of which survived in fill (125)), which may be seen on the historic architects' plans, as seen on *figure 11*. To the south of this aperture lay the large stones [124], related to the original buttress-footings. A mortar-rich spread (130), extending from the southern extent of footings [124] represents constructional material; and a concrete screed, related to later 20th century modifications, capped the earlier masonry. The lift shaft excavations were relatively poor in artefacts; sanitary ware fragments, a sponge-decorated body sherd and some iron objects were retrieved from deposits here, none later than the Robertson Memorial Building itself.



*Plate 41 General view lift shaft trench pre-excavation.
Facing W*



*Plate 42 Natural clay (133) exposed across lift shaft
trench. Facing N*



*Plate 43 Deposit (131) with stone scatter (128) at
right. Facing E*



*Plate 44 Deposit (131) with stone scatter (128) at left.
Facing NW*

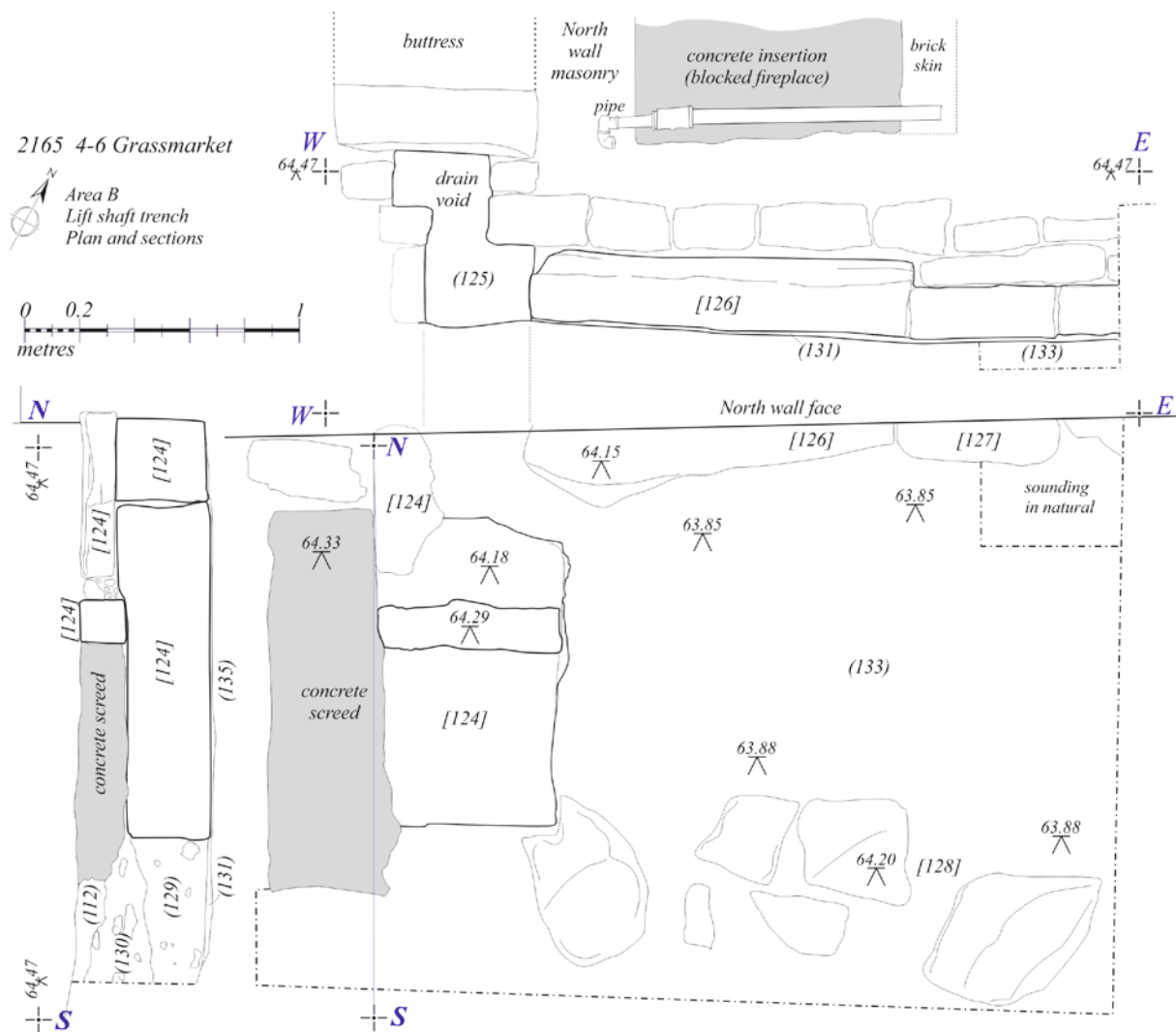


Figure 10 Area B, lift shaft trench plan (centre) with east-facing section (left) and south-facing section (top).

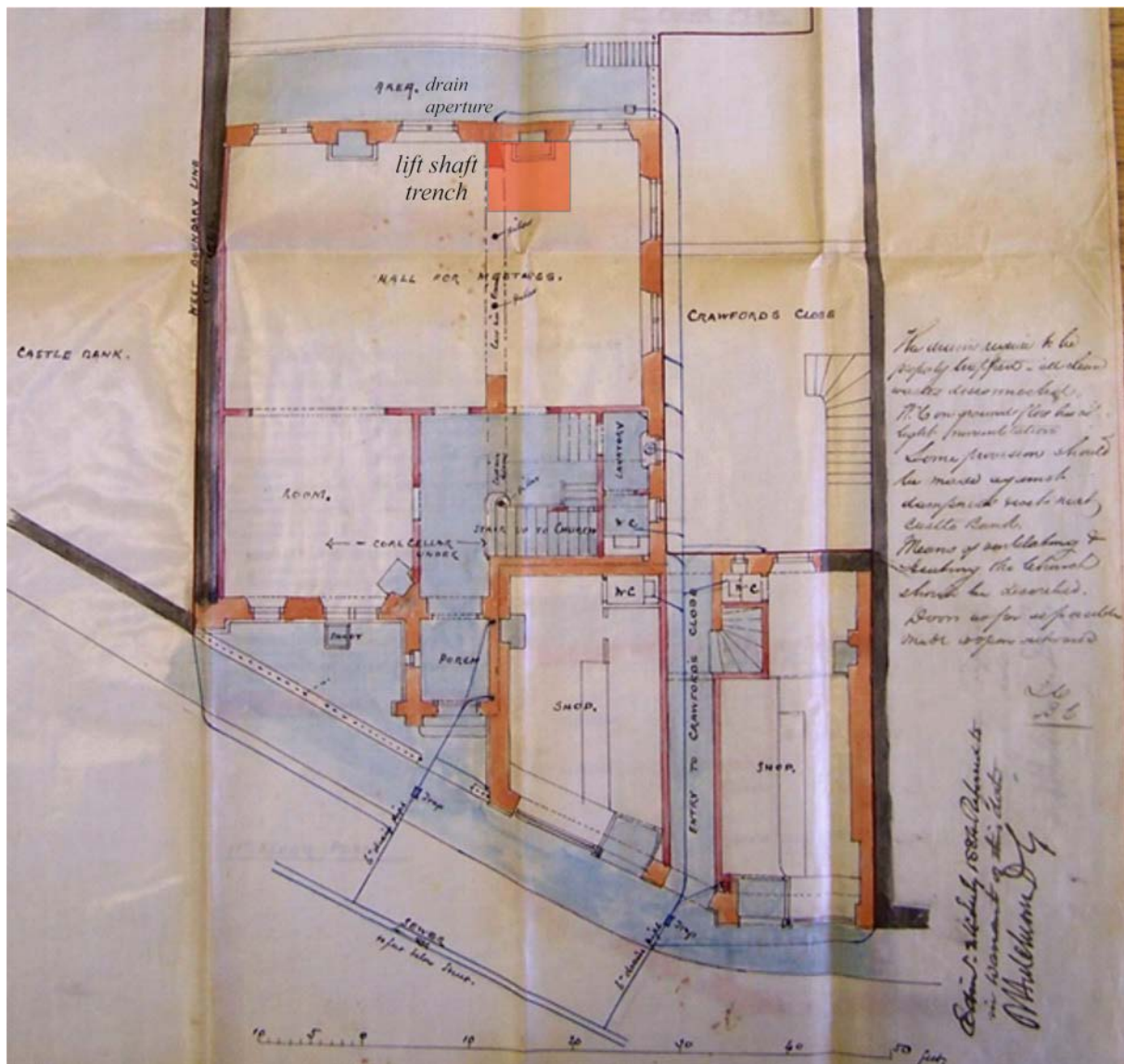


Figure 11 Historic ground floor plan with lift shaft trench location. Hardy & Wight, 4th July 1884. City of Edinburgh Council Archives

6. Finds Assessment

The corpus of finds from the excavations at 4-6 Grassmarket consists of some 1062 artefacts; a preliminary list of all finds collected during excavation is given here as *Appendix C* (finds from the evaluation stage of works, mainly of mid-20th century date, were not retained). The assemblage is constituted mainly by ceramic (including ceramic building material, CBM), glass, and ferrous and non-ferrous metal finds with an appreciable faunal component. Much of this material dates from the later post-mediaeval period and the 20th century, though there is a small residual component of the assemblage indicating earlier occupation.

Ceramics, Ceramic Building Material, clay pipe fragments, and glass formed a significant part of the assemblage. These elements were subject to specialist assessment by Julie Franklin and Amy Koonce of Headland Archaeology Ltd and their report is incorporated here as *Appendix F*. In summary, the ceramic material contains a typical urban mixture of table and utilitarian wares (*plates 45-9*). Early residual material included possible 16th century post-medieval reduced ware jugs and jars, though most material was later. Imports included a Weser slipware dish and a sherd of a decorative Westerwald

stoneware jug from Germany, Low Country tin-wares and Chinese porcelain. The clay pipe fragments included 19th or early 20th century fragments from Edinburgh pipe makers, William Swaney and Thomas White and Company (*plate 50*). The glass assemblage was mainly modern and derived from Glasgow and Edinburgh companies (*plate 53-4*).



Plate 45 SF034, selected ceramic assemblage from general rubble deposit (141).



Plate 46 SF037 – 041. Finds derived from Deposit (142).



Plate 47 SF080, ceramics. Deposit (139).



Plate 48 Selected ceramics

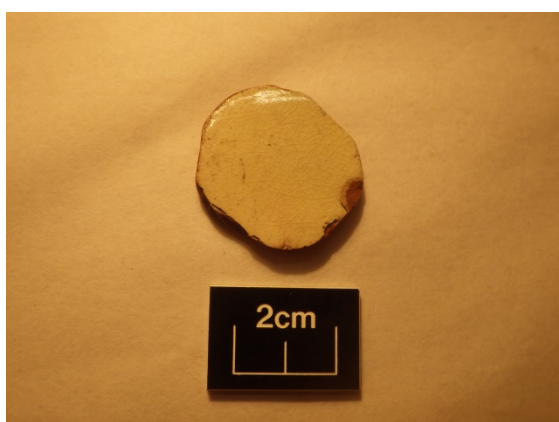


Plate 49 SF005, ceramic disc gaming piece. Deposit (119).



Plate 50 SF100, clay pipe fragments. Unstratified.

Metal finds, both ferrous and non-ferrous, are a large component of the assemblage: 50 ferrous objects and 13 non-ferrous metal items. Most are the iron lumps and fragments common on post-medieval urban sites. The most notable non-ferrous metal find derived from Deposit (119), the late loose material piled against the basal courses of the Flodden Wall; this was SF001, the brass lid of a Princess Mary 1914 Gift Fund box (plates 51-52), inscribed, as all these boxes were, with the MM monogram and profile portrait of Princess Mary, 'Christmas 1914' in a basal cartouche, and the names of the allies of the British Empire at that early stage of the First World War. These boxes, funded by public subscription, were to be sent to every serving soldier of the War as a gift in Christmas 1914, and contained either tobacco products or stationery; over 2.6 million were produced (Read nd). Other non-ferrous metal finds include buttons and cutlery fragments.



Plate 51 SF001, Princess Mary 1914 Gift Fund Box lid. Deposit (119).



Plate 52 SF001, detail of central roundel profile portrait.



Plate 53 Glass vessels.



Plate 54 SF087, Frazer & Green lavender water bottle. Deposit (142).

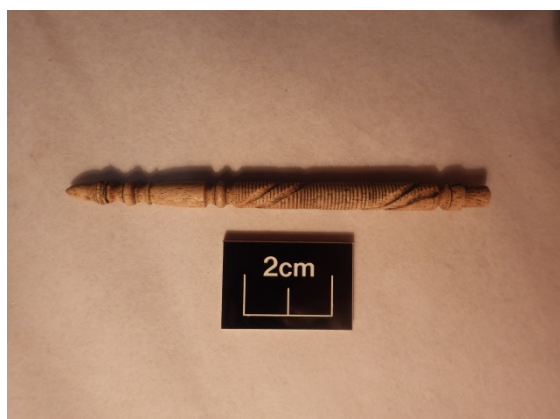


Plate 55 SF002. Deposit (119)



Plate 56 SF055. Deposit (119).

The assemblage also includes a corpus of worked wood and bone objects, most the handles of cutlery and small domestic implements (*plates 55-56*).

The finds derived from the excavations as listed in *Appendix C*, and including those further assessed as reported in *Appendix F*, will be submitted to the Scottish Archaeological Finds Allocation Panel for a recommendation to the Queen's and Lord Treasurer's Remembrancer. The Panel may recommend the retention of the assemblage by the Crown, their housing in a specified museum, or that the assemblage may be disclaimed. The specialist recommendation for the material is that it has no further archaeological value for retention by the Crown. If disclaimed, the assemblage, in part or in whole, may be discarded or distributed as desired, in consultation with CECAS and the client.

7. Summary and Discussion

The excavations at 4-6 Grassmarket and in its backlands has provided evidence for the use and reuse of space in an early urban setting in the heart of the Old Town, constrained by early defensive walling on one side of the site and by the well-established plot and property boundaries on all sides.

The results of Area A as outlined in *Section 4* above demonstrate that the back plot, most recently in use as a rough garden area, had, within the constraints of the north, east and west plot boundaries, been reduced to a set of flat terraces down to the natural geological clay. This process, which had removed all *in situ* evidence of previous occupation, most likely dates to the construction of the Robertson Memorial Mission Building in 1884 (or conceivably later in its use). The evidence for this is four-fold. Firstly, the yellow sandy deposit (158), which appears discontinuously in patches across the site directly above the natural clay, is very similar to the fill of the linear cut [122] which itself may be related to the construction of the Robertson Building. Secondly, the Area A-wide deposit (142), which directly overlies (158) where it appears and directly overlies the natural clay where (158) does not appear, contains finds of the late 19th century (and later, suggesting perhaps the terracing was also recut after the initial construction of the Building). Thirdly, none of the architectural fragments found in the rear plot – [145] *et al.* – which given their mid-brown, lime, sand and ceramic inclusion mortar appear 17th or early 18th century in date – were found *in-situ*, nor were sub-surface foundation trenches located associated with these walls. Had the pre-existing architecture on the site (visible as the long tenement buildings on *figure 3, above*) been simply levelled during the construction of the Building in 1884, sub-surface remains and foundations trenches would be expected. Instead, these substantial architectural fragments were free-floating above a deposit (142), containing late finds. Fourthly, the architect's plans (*figure 12*) for the new Robertson Building show the rear area with the annotation 'Ground for future expansion of Mission Buildings', a wording which perhaps suggests that the ground has been prepared or flattened during these construction works.

The site, therefore, was levelled for the construction of the Robertson Memorial Mission Building in 1884, and the pre-existing buildings on the site, after their demolition, were left in fragmentary condition in the back plot – due no doubt to the difficulties of moving large amounts of rubble through the narrow pend or across the Flodden Wall (difficulties which the present developers may well very clearly understand!).

Any understanding of the nature of the pre-existing occupation of the site, therefore, comes from the residual material in Area A. As with all residual material, this evidence is only able to loosely suggest the nature of the occupation at the site. The light to mid-brown lime mortar of the levelled and floating architectural fragments suggests they are the remnants of the 17th or earlier 18th century buildings as seen on *figure 3*, but little can be said about them as no surfaces, floor or deposits directly associated with them survive. Also indicating early occupation of the site are the residual finds recovered, including the reduced and oxidised lead-glaze wares, in use from the 16th to the 18th century.

The architectural elements which did survive to some extent are those walls oriented roughly north-south along the northern site boundary: Walls [101], [106], [102], [103] and [105]. These walls were notable for their downward-sloping coursing; their truncation at their southern ends; their incorporation of re-used stone and brick in their make-up; their lack of associated surfaces; and their foundation directly above rubble layers and fragments of levelled architecture. These walls also clearly stratigraphically overlay the basal deposit (142) and must therefore post-date it, making these late walls post-dating 1884. This and the lack of surfacing associated with the walls suggest that they may be buttress walls, propping up a structure just outwith the area of investigation. Early maps indicate a long-standing cross-wall along the northern site boundary, though no other structures as an obvious candidate for what was being buttressed.

These walls were abutted by a series of deposits, all similar, of a mid-brown clayey silt with charcoal flecks and occasional butchered animal remains and shell inclusions. Deposits compositionally

similar to these are very common in Edinburgh and on other urban sites of the later medieval and post-medieval period, as midden or garden soil deposits (most closely related to these, for instance, are deposits 503/505 found in Test Pits A and B on the west side of the Flodden Wall: Lawson & Reed 2003: 8-10). At the Grassmarket, the deposits excavated also contained ceramics of the 16th to 18th centuries – but their stratigraphic position above rubble deposits and Deposit (142) indicates that they are much later, contemporary with or later than the buttress walls themselves. This may suggest that either (i) these deposits were built up from erosional processes further upslope to the north and derived from early deposits containing 16th century occupational debris; or (ii) that these midden-like deposits were imported to the site as garden soils from elsewhere.

This, and the general Area A-wide sequence of 19th/20th century deposits overlain by 17th/18th century rubble, means that the Grassmarket site appears to be an example of ‘reverse stratigraphy’, at which the depositional processes at work have meant that earlier residual material is redeposited above later strata.

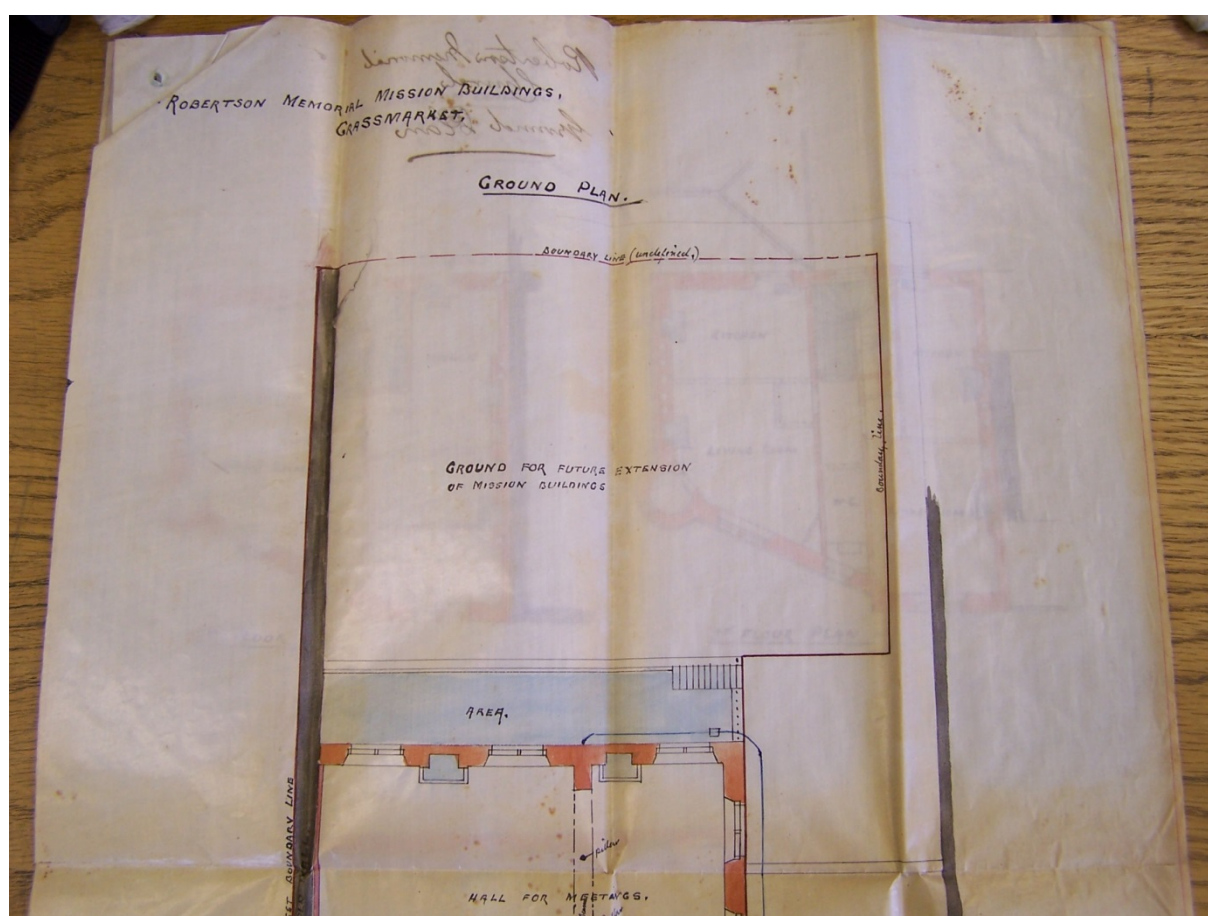


Figure 12 Historic ground floor with annotation on rear plot. Hardy & Wight, 4th July 1884. City of Edinburgh Council Archives

In Area B, within the footprint of the Robertson Memorial Mission, excavations revealed that the imposition of the Building had largely truncated any pre-existing deposits to the underlying natural clay, similarly to the neighbouring Black Bull site (Lawson & Reed 2003). Architectural elements relating to the Building itself were recovered, and underlying them a thin horizon of red-sandstone rubble perhaps related to previous occupation, but none well preserved.

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Appendix A Context Register

Context No.	Area	Type	Description	Dimensions (m)	Date
(100)	A	Deposit	Moderate to firm, grey brown, silty clay with frequent small to medium sub-angular stones. Redeposited.	$\geq 17 \times \geq 7 \times >0.65$	25/08/2017
[101]	A	Structure	Wall. Linear N-S stone and grey orange sandy mortar wall. Occasional brick. West of [102]. Truncated to the south.	$>0.9 \times 0.65 \times >0.65$	25/08/2017
[102]	A	Structure	Wall. Linear N-S stone and grey orange sandy mortar wall. East of [101], West of [103]. Truncated to the south.	$>1.35 \times 0.5 \times >0.65$	25/08/2017
[103]	A	Structure	Wall. Linear N-S stone and orange sandy mortar wall. East of [102], West of [104]. Truncated to the south.	$>0.9 \times 0.55 \times >0.5$	25/08/2017
[104]	A	Structure	Wall collapse. Linear NW-SE large block and yellow orange sandy mortar wall. East of [103], West of [105].	$>1.3 \times >0.85 \times >0.6$	25/08/2017
[105]	A	Structure	Wall. Linear N-S stone and orange yellow sandy mortar wall. East of [104].	$>2.4 \times 0.5 \times >0.4$	25/08/2017
[106]	A	Structure	Wall. Linear N-S stone and grey orange sandy mortar. Between walls [101] and [102].	$0.63 \times 0.48 \times >0.2$	25/08/2017
[107]	B	Structure	Sleeper wall. Linear E-W sandstone/whin and lime/silt mortar wall, abutting north wall.	$>4.4 \times 0.32$	24/10/2017
[108]	B	Structure	Sleeper wall. Linear E-W sandstone/whin and lime/silt mortar wall, south of [107].	$>4.2 \times 0.31$	24/10/2017
[109]	B	Structure	Sleeper wall. Linear E-W sandstone/whin and lime/silt mortar wall, south of [108].	$>4.2 \times 0.3$	24/10/2017
[110]	B	Structure	Sleeper wall. Linear E-W sandstone/whin and lime/silt mortar wall, south of [109].	$>4.22 \times 0.5$	24/10/2017
(111)	B	Deposit	Modern constructional deposit. Loose, mid dark-grey brown gritty silt with frequent rubble, mortar, plastic.	$7.6 \times 4.2 \times 0.2$	24/10/2017
(112)	B	Deposit	Constructional deposit (19thC?). Compact, mid orangey-brown sandy silt with frequent white limestone chips and charcoal flecks.	$>1.9 \times >0.9 \times 0.4$	24/10/2017
[113]	B	Structure	Concrete screed. Between walls [108] and [109].	2.2×1	24/10/2017
(114)	B	Deposit	Compact, reddish-brown clayey silt with frequent angular sandstone and occasional charcoal flecks and a patch of sandy rubble at the east end of wall foundation trench.	$>3.6 \times >0.7$	26/10/2017
[115]	B	Structure	Single squared stone block between columns, abutted by (116).	$0.34 \times >0.2$	26/10/2017
(116)	B	Deposit	Very loose, mid grey gritty silt with frequent medium subangular limestone fragments and undecayed wood fragments.	2×0.5	26/10/2017
[117]	A	Structure	Wall collapse. Linear, WNW - ESE, sandstone and yellow-beige mortar.	$0.7 \times 0.4 \times >0.5$	03/11/2017
(118)	A	Deposit	Slate spread. Loose, grey-black, roofing slate spread with occasional Fe nails.	$0.9 \times 0.4 \times 0.1$	03/11/2017
(119)	A	Deposit	Loose, dark black gritty silt, high frequency of rubble.	Up to 2m deep	13/11/2017
(120)	A, PT 1	Layer	Compact, mid yellowish sandy clay.		13/11/2017
(121)	A, PT 3	Deposit	Natural. Mid purpleish-orange clay.		13/11/2017
[122]	A, PT 9	Cut	Cut. Straight sided constructional cut, filled by (123).		15/11/2017
(123)	A, PT 9, 10	Fill	Fill of [122]. Mid yellow sand.		15/11/2017
[124]	B	Structure	Stone structure. Unbonded large stones: buttress footings modified for drainage.	$1.5 \times 0.8 \times 0.6$	16/11/2017
(125)	B	Fill	Fill of wall drainage cut in [124].	$0.7 \times 0.34 \times 0.15$	17/11/2017

Context No.	Area	Type	Description	Dimensions (m)	Date
[126]	B	Structure	Projecting foundation course, N wall Robertson Memorial building (west)	1.35 x 0.3 x 0.26	17/11/2017
[127]	B	Structure	Projecting foundation course, N wall Robertson Memorial building (east)	0.72 x 0.18 x 0.2	17/11/2017
[128]	B	Structure	Large stone scatter in loose rubble (129)	1 x 1 x 0.3	17/11/2017
(129)	B	Deposit	Deposit. Loose, dark brown sandy silt, high frequency of rubble, under (112).	>2.1 x 1.5 x 0.2	17/11/2017
(130)	B	Deposit	Mortar spread. Firm beige-brown mortar spread, south of and associated with [124].	1.1 x 1 x 0.1	17/11/2017
(131)	B	Deposit	Deposit. Compact, mid-brown sandy clay under (129).	0.05 thick	21/11/2017
[132]	B	Structure	Large cut stone south-east of [124].	0.55 x 0.45 x 0.12	21/11/2017
(133)	B	Deposit	Natural. Compact pinkish-grey mottled clay natural in liftshaft.	-	22/11/2017
(134)	A	Deposit	Deposit. Mid yellowish clay between walls [106] and [102].		22/11/2017
(135)	A	Deposit	Deposit. Mid brown silt between walls [102] and [103].		22/11/2017
(136)	A	Deposit	Deposit. Mixed mid yellowish clay and rubble, west of wall [106]/[101].	3.45 x 1.92 x 0.23	22/11/2017
(137)	A	Deposit	Deposit. Mid brown silt below (134)		22/11/2017
(138)	A	Deposit	Deposit. Loose rubble in silt below (137).		22/11/2017
(139)	A	Fill	Loose, very black silt, fill of [140].	2.31 x 0.95 x 0.33	22/11/2017
[140]	A	Cut	Cut. Late irregular cut in (134), filled by (139).	2.31 x 0.95 x 0.33	22/11/2017
(141)	A	Deposit	Deposit. General rubble-rich overburden.		27/11/2017
(142)	A	Deposit	Deposit. Moderate to firm, black gritty silt.	0.15 thick	27/11/2017
(143)	A	Deposit	Deposit. Same as (142).	0.15 thick	27/11/2017
[144]	A	Structure	Wall collapse. Coherent wall collapse, west of and below wall [101]	2.3 x 0.7 x 0.4	27/11/2017
[145]	A	Structure	Wall. Linear E-W wall stub, below wall [102].		27/11/2017
[146]	A	Structure	Wall collapse. Flat wall collapse, south of [145].		27/11/2017
[147]	A	Structure	Wall collapse. Linear east-west, upright wall collapse, south of walls [106] and [102].		27/11/2017
(148)	A	Deposit	Deposit. General beige mortar rubble west of the area.	0.4 thick	27/11/2017
[149]	A	Structure	Wall collapse. Flat wall collapse, in the south-east corner.		27/11/2017
(150)	A	Deposit	Deposit. Mid brown silt, east of wall [103]		27/11/2017
(151)	A	Deposit	Deposit. Loose rubble in silt below (150).		27/11/2017
(152)	A	Deposit	Natural. Pink orangeish-grey clay, below (142) all over the area.	-	29/11/2017
[153]	A	Cut	Cut. Round posthole cut in natural, filled by (154).	0.2Ø x 0.16	01/12/2017
(154)	A	Fill	Fill of [153]. Loose black silt, fill of [153].	0.2Ø x 0.16	01/12/2017
[155]	A, DT 1	Cut	Cut. Round posthole cut in natural, filled by (156).	0.45 x 0.35 x 0.16	04/12/2017
(156)	A, DT 1	Fill	Fill of [155]. Moderate compaction, mottled redeposited natural and dark brown-black (142), fill of [155].	0.45 x 0.35 x 0.16	04/12/2017
(157)	A, DT 1	Deposit	Concrete spread. Concrete spread containing bricks and rubble.	1.4 x 1.1 x 0.2	04/12/2017
(158)	A, DT 2, 3 and 4	Deposit	Deposit. Loose, yellow sand below (142)	0.24 thick	05/12/2017
[159]	A	Structure	Wall. Linear E-W possible wall in north section.	1.2 x 0.42 high	07/12/2017
[160]	A	Structure	Wall stub. Linear E-W wall stub against the Flodden Wall.	0.4 x 0.4 x 0.9 high	08/12/2017
(161)	A	Deposit	Deposit. Dark brown humic silt, east end of area A.		08/12/2017

Context No.	Area	Type	Description	Dimensions (m)	Date
(162)	A	Deposit	Lens of compact reddish clay.		08/12/2017
[163]	A	Cut	Cut. Sub-circular in plan with straight sides, sharp breaks of slope and gently rounded base. Filled by (164).	0.32 x 0.29m 0.15	08/12/2017
(164)	A	Fill	Fill of [163]. Moderately compact dark brown to black gritty silt with small sub-angular stone and brick inclusions	0.32 x 0.29m 0.15	08/12/2017

Appendix B Drawings Register

Dwg No.	Sheet	Scale	Type	Date	Drawn by	Description
100	1	1 : 50	Plan	25/08/2017	AR	Plan of walls [101] - [105]
101	1	1 : 20	Plan	17/11/2017	AR	Plan of liftshaft, after 2nd spit
102	1	1 : 20	Plan	20/11/2017	AR	Plan of liftshaft, after 3rd spit
103	2	1 : 20	Plan	21/11/2017	AR	Flagstones [124] and [132], detail
104	2	1 : 10	Section	22/11/2017	AR	West facing section of liftshaft
105	2	1 : 10	Section	22/11/2017	AR	North facing section of liftshaft
106	2	1 : 10	Section	22/11/2017	AR	South facing section of liftshaft
107	2	1 : 10	Section	23/11/2017	AR	East facing section of liftshaft
108	3	1 : 10	Elevation	27/11/2017	TS	East facing elevation of wall [106]
109	7	1 : 10	Elevation	28/11/2017	KmacF	East facing elevation of wall [102]
110	7	1 : 10	Elevation	28/11/2017	KmacF	East facing elevation of wall [103]
112	4	1 : 50	Plan	29/11/2017	PK	Plan of upper terrace with walls and rubbles
113	4	1 : 10	Section	04/12/2017	AR	South-east facing section of posthole [155]
114	4	1 : 10	Section	04/12/2017	AR	West facing section of duct trench 1
115	4	1 : 10	Section	06/12/2017	PK	West facing section of duct trench 3
116	5	1 : 10	Section	06/12/2017	AR	West facing section of duct trench 2
117	5	1 : 20	Section	07/12/2017	PK	South facing section of area A
118	6	1 : 10	Section	07/12/2017	AR	East facing section of duct trench 4
119	6	1 : 20	Section	08/12/2017	PK	West facing section of area A

Appendix C Finds Register

<i>Finds No.</i>	<i>Context No.</i>	<i>Trench No.</i>	<i>Material</i>	<i>Date</i>	<i>Initials</i>	<i>Quantity</i>	<i>Description</i>	<i>Comments</i>
001	(119)	P1	Brass	13/11/2017	PK/AR	1	Princess Mary Gift Fund 1914 box. Embossed brass box with lid. Central panel with Princess Mary profile portrait flanked by monograph 'MM'; 'Imperium Britannicum', and 'Christmas 1914' in top and bottom cartouches, and in peripheral roundels 'Japan', 'Russia', 'Montenegro', 'Servia', 'France' and 'Belgium'. 152.6cm x 8.9cm	
002	(119)	P1	Worked bone	13/11/2017	PK/AR	1	Carved and decorated bone handle/bobbin? 9.5cm long	
003	(119)	P1	Glass	13/11/2017	PK/AR	2	White glass potted meat pot, green bottle neck	
004	(119)	P1	Ceramic	13/11/2017	PK/AR	39	Mixed ceramics incl 1x flower pot base, 1x brown tea pot, 6x sponge-decorated (blue, black and red and blue), 16x white, 3x willow pattern, 1x unguent pot, 3x yellow	
005	(119)	P1	Ceramic	13/11/2017	PK/AR	1	Ceramic disc. Sub-circular reused cut ceramic sherd. Internal white glaze.	
006	(142)	DT1	Faunal	01/12/2017	AR	>50	Articulated, near-complete cat burial	
007	U/S	East	Faunal	06/12/2017	PK	15	Fragmentary cat burial	
008	(100)	[103]	CBM	25/08/2017	AR	5		
009	(100)	[103]	Ceramic	25/08/2017	AR	15	3x Willow pattern, 1x salt shaker, 4x white, 4x sponge-decorated, 1x brown teapot, 1x yellow	
010	(100)	[103]	Clay pipe	25/08/2017	AR	3	2x Stems, 1x mouthpiece	
011	(100)	[103]	Faunal	25/08/2017	AR	3	2x Small ungulate, 1x oyster shell	
012	(100)	[103]	Glass	25/08/2017	AR	5	White, green and translucent white	
013	(100)	[103]	Fe	25/08/2017	AR	2	Fe nail and steel pocket watch part	
014	(100)	[104]	Ceramic	25/08/2017	AR	2	White	
015	(100)	[104]	Glass	25/08/2017	AR	2	White	
016	(100)	[102]	Glass	25/08/2017	AR	2	White and green	
017	(100)	[102]	Ceramic	25/08/2017	AR	4	1x White, 1x brown, 1x yellow, 1x internal white glaze	
018	(100)	[102]	CBM	25/08/2017	AR	3		
019	(100)	[101]	CBM	25/08/2017	AR	1		
020	(100)	[101]	Ceramic	25/08/2017	AR	4	1x sponge-decorated, 2x Willow pattern, 1x white	
021	(100)	[101]	Glass	25/08/2017	AR	2	1x White 'Ed[inburgh]' 1x brown	
022	(142)	DT3	Fe	-	PK	2	Fe spoons	
023	(100)	[105]	Ceramic	25/08/2017	AR	2	1x White, 1x sponge decorated	
024	(123)	P9	Ceramic	-	PK	1	Brown	
025	(123)	P9	CBM	-	PK	1		

Finds No.	Context No.	Trench No.	Material	Date	Initials	Quantity	Description	Comments
026	(123)	P9	Glass	-	PK	1	Green	
027	(119)	P3	Clay pipe	13/11/2017	PK/AR	1	Stem	
028	(119)	P3	Ceramic	13/11/2017	PK/AR	8	1x Brown teapot lid, 2x brown foot, 1x white unguent pot, 2x white, 1x internal white glaze, 1x pink and white	
029	(119)	P3	Glass	13/11/2017	PK/AR	2	Complete bottles, 1x white, 1x brown (contained dry residue)	
030	(141)	Slot 1	Clay pipe	28/11/2017	AR	4	Stems, 1x inscribed ('Tho White & Co, Edinburgh')	Thomas White 1823 - 1876
031	(141)	Slot 1	Fe	28/11/2017	AR	2	Fe objects	
032	(141)	Slot 1	Faunal	28/11/2017	AR	1	Sheep skull fragment	
033	(141)	Slot 1	Glass	28/11/2017	AR	6	1x Green, 2x brown (1x 'Ed[inburgh]'), 3x brown ('?hannels?')	
034	(141)	Slot 1	Ceramic	28/11/2017	AR	44	1x Blue and grey checkered (rim), 1x pitted neck (rim), 1x green cabbage cup (rim), 4x inside white glaze, 7x glazed brown (4 rims), 1x internal beige glaze, clear brown, 1x clear brown, 9x white (3rims, 1 base), 2x white and gold (1 rim, 1 base), 1x white with ornate rim, 1x perforated white (rim), 2x blue (rim), 1x blue rimmed, 3x Willow pattern (2 rims), 2x white and blue, 3x sponge decorated (1 rim), 3x others	
035	(158)	DT4	Ceramic	07/12/2017	AR	13	8x Tin glazed (2 rims, 1 base), 3x white (1 rim), 2x brown beer bottle	
036	(150)	-	Ceramic	29/11/2017	PK	2	Lead glaze BS, green	16th - 18th century
037	(142)	Slot 1	CBM	29/11/2017	AR	1		
038	(142)	Slot 1	Glass	29/11/2017	AR	3	1x Reinforced, 1x blue, 1x white bottle ('? ood', '?R?')	
039	(142)	Slot 1	Faunal	29/11/2017	AR	2	Domestic fowl ribs	
040	(142)	Slot 1	Ceramic	29/11/2017	AR	20	1x Marble, 1x drain fragment, 7x white, 7x flower pattern (blue, brown and black), 1x white and gold, 1x pink, 1x white and blue	
041	(142)	Slot 1	Graphite	29/11/2017	AR	1	Cylindrical object with pointed end, perforated in middle ('?radty Nuer[nberg]')	
042	(142)	Slot 1	Fe and Wood	29/11/2017	AR	7	Assorted Fe objects with preserved wood (small and large nails, large flat object, etc)	
043	(142)	Slot 1	Ceramic	23/11/2017	AR	2	1x Brown, 1x Willow pattern	
044	(135)	-	Ceramic	27/11/2017	TS	1	Everted jar rim, exterior lead glaze with interior glaze traces.	16th - 17th century
045	(151)	DT1	Ceramic	30/11/2017	AR	13	6x Sponge decorated (3 rims), 1x inside white glaze, 2x Willow pattern (1x with gold), 1x yellow, 1x blue and white, 1x pearl, 1x other	

Finds No.	Context No.	Trench No.	Material	Date	Initials	Quantity	Description	Comments
046	(129)	Liftshaft	Ceramic	20/11/2017	AR	1	Sanitary ware fragment	
047	(131)	Liftshaft	Ceramic	20/11/2017	AR	1	Sponge-decorated	
048	(130)	Liftshaft	Ceramic	20/11/2017	AR	1	White	
049	(130)	Liftshaft	Fe	20/11/2017	AR	3	Fe objects	
050	(156)	DT1	Fe and Wood	04/12/2017	AR	2	Nails in preserved wood	
051	(119)	P3	Cu	13/11/2017	AR	9	Cu object, thin sheet	
052	(154)	-	CBM	01/12/2017	PK	1		
053	(154)	-	Ceramic	01/12/2017	PK	7	5x White, 1x white and blue band (rim), 1x sponge-decorated (purple, rim)	
054	(119)	P2	Ceramic	14/11/2017	PK/AR	3	1x White and silver (rim), 2x white with flower pattern (1 base)	
055	(119)	P2	Worked bone	14/11/2017	PK/AR	1	Brush, 'EXTRA FINE RANGE' inscribed on handle	
056	[101]	-	Ceramic	27/11/2017	AR	5	1x Brown teapot, 1x blue rimmed (rim), 1x white, 2x inside white glaze (1 base)	
057	[101]	-	Glass	27/11/2017	AR	1	White translucent	
058	[101]	-	Clay pipe	27/11/2017	AR	1	Bowl	
059	(142)	East	Ceramic	01/12/2017	PK	8	4x White tiles, 1x beige beer bottle, 2x grey pattern on white, 1x blue and white	
060	(135)	-	Faunal	-	PK	10	Cattle (scapula, mandible and vertebra), ovicaprid (vertebra), long bone fragments, ribs	
061	(135)	-	CBM	-	PK	1		
062	(135)	-	Ceramic	-	PK	1	External lead glaze BS, horizontal incised decoration	16th - early 18th century
063	(142)	DT1	Fe	04/12/2017	AR	2	Large pipe fragments	
064	(158)	DT3	Ceramic	05/12/2017	PK	2	White (rims)	
065	(151)	DT1	Glass	01/12/2017	AR	2	White bottle (Selby), green bottle ('[Ed]inburgh', 'McE[wan]', on base a balloon and 'Tra[de m]ark')	1856 - present
066	(151)	DT1	Bakelite	01/12/2017	AR	1	Pipe stem, signs of heavy use, use wear (bite mark at the mouth piece)	
067	(151)	DT1	Ceramic	01/12/2017	AR	13	2x Brown teapot, 1x white and gold coat, 4x blue clovers on white, 2x internal white glaze, 1x sponge-decorated, 1x white and blue depicting a Turkish scene (on the back of the base, 'Bosphor[us]', '[Jam]ies[on & Co]')	c1855
068	(142)	West	Ceramic	30/11/2017	AR	4	3x Inside white glaze, 1x BS lead glaze on exterior, interior surface with carbonised residue; white gritty fabric.	16th - 18th century
069	(142)	DT1	Clay pipe	01/12/2017	AR	2	Stems	
070	(142)	DT1	Ceramic	01/12/2017	AR	14	1x Red and gold (rim), 1x blue rimmed (rim), 3x Willow pattern (1 rim), 2x white, 1x brown and white, 1x inside white glaze, 1x brown, 1x	

Finds No.	Context No.	Trench No.	Material	Date	Initials	Quantity	Description	Comments
							other	
071	(142)	DT1	Metal	01/12/2017	AR	2	Buttons ('Best solid eyelet')	
072	(142)	DT1	Fe	01/12/2017	AR	1	Semi-circular vessel handle	
073	(142)	DT2	Clay pipe	05/12/2017	AR	3	2x Stems (1x 'Swaney, Artisans'), 1x bowl	
074	(142)	DT2	Worked bone	05/12/2017	AR	1	Carved bone cutlery handle	
075	(142)	DT2	Glass	05/12/2017	AR	15	7x Green bottle, (3 necks, 1 base ('J&W Hardie, Edinburgh'), 4x white (1 base (with a JD logo, '[Ed]inbu[rgh]'), 4x blue	J&W Hardie: 1857-present
076	(142)	DT2	Graphite	05/12/2017	AR	2	Tube, pointed ('Nuernberg') ('Marke C?')	
077	(142)	DT2	CBM	05/12/2017	AR	2		
078	(142)	DT2	Fe	05/12/2017	AR	6	5x Nails, 1x tube with flat circles on each end (Bobbin?, oil lamp wick holder?)	
079	(142)	DT2	Ceramic	05/12/2017	AR	62	4x Brown teapot, 1x drain fragment, 1x brown unglazed, 4x pink, 3x blue rimmed (rims), 1x green rimmed (rim), 5x sponge decorated (2 rims), 27x white (3 rims, 2 bases) 2x Willow pattern, etc (Pure) (J&M? Trade)	
080	(139)	[140]	Ceramic	24/11/2017	AR	115	70x White (incl. 1 fragmentary washing basin), 10x brown (teapots, etc), 4x internal white glaze, 11x sponge decorated, 9x white and blue, 1x blue rimmed (rim), 1x white and brown, 1x brown beer bottle ('[Fa]mous Stone'..., 'Warranted No°'..., 'J. Bou?', '?ten?', '?dnor-P?', '?rd?'), 1x brown inkwell	
081	(139)	[140]	Fe	24/11/2017	AR	6	3x Nails, 3x unidentified objects	
082	(139)	[140]	Faunal	24/11/2017	AR	10	Sheep and rabbit	
083	(139)	[140]	Glass	24/11/2017	AR	4	3x White, 1x brown	
084	(139)	[140]	CBM	24/11/2017	AR	1		
085	(139)	[140]	Clay pipe	24/11/2017	AR	4	Stems	
086	(142)	DT4	CBM	07/12/2017	AR	7	Roof tiles, chimney cope, etc	
087	(142)	DT4	Glass	07/12/2017	AR	29	2x Reinforced, 20x white (window and bottles ('Edinburgh') ('Mejor'), 2x green ('World famed lavender water'), 3x brown ('?ope?', ...'of...') ('Allen &?')), 1x marble	Lavender water from Frazer and Green, Glasgow
088	(142)	DT4	Ceramic	07/12/2017	AR	79	Fragments include beer bottle, 2x white marbles, thin lamp shade fragments, sponge decorated, white and gold, gold coated, pink, inside white glaze, etc	
089	(142)	DT3	CBM	-	PK	2		

<i>Finds No.</i>	<i>Context No.</i>	<i>Trench No.</i>	<i>Material</i>	<i>Date</i>	<i>Initials</i>	<i>Quantity</i>	<i>Description</i>	<i>Comments</i>
090	(142)	DT3	Glass	-	PK	44	Green and white bottle shards ('Bo?ck B?os', horseshoe logo with 'trade mark', 'Edinburgh'), reinforced, potted meat pot, etc	
091	(142)	DT3	Ceramic	-	PK	20	Beer bottles, white, white and gold, white tile, 1x figurine (elephant leg?) 1x lead glaze	
092	(142)	DT3	Clay pipe	-	PK	1	Stem	
093	(142)	DT3	Faunal	-	PK	18	Fish, shell, large and small ungulates	
094	(142)	DT3	Fe	-	PK	15	Various architectural objects	
095	(119)	-	Fe	-	PK	1	Rounded bucket/vessel handle	
096	(119)	-	CBM	-	PK	1	Chimney cope	
097	(142)	DT3	CBM	-	PK	1		
098	(142)	DT3	Asphalt	-	PK	1	Large piece of asphalt	
099	(142)	DT3	Fe	-	PK	1	Large architectural object	
100	U/S	-	Clay pipe	-	PK/AR	12	1x Bowl (TW), 11x stems (1 Bird's feet) ('Tho White Co, Edinburgh')	Thomas White 1823 - 1876
101	U/S	-	Ceramic	-	PK/AR	185	Numerous fragments incl two lead glazed, 1 telephone pole insulator	
102	U/S	-	Metal	-	PK/AR	1	Rifle bullet casing	
103	U/S	-	Glass	-	PK/AR	4	Complete bottles ('Bisurated magnesia tablets'), Ginger beer bottle ('D. Kelly & Co Ltd', DK logo, 'Leith'), milk bottle ('The property of, E&DD Co Ltd, Edinburgh' and the seal of George V on the back 'By appointment, to the late King George V')	Milk bottle (1936 onward)

Appendix D Photograph Register

Frame No.	Date	Description	Direction	Orientation
425	23/08/2017	Pre-Ex	NW	P
426	23/08/2017	Pre-Ex	NE	L
427	23/08/2017	Pre-Ex	E	L
428	23/08/2017	Pre-Ex	SE	L
429	23/08/2017	Pre-Ex	W	P
430	25/08/2017	Wall [101] - [105], post-ex, general view	NW	L
431	25/08/2017	Wall [101] - [105], post-ex, general view	W	P
432	25/08/2017	Wall [101] - [105], post-ex, general view	NE	L
433	25/08/2017	Wall [101] - [105], post-ex, general view	E	P
434	25/08/2017	Wall [101] - [105], post-ex, general view	NE	P
435	25/08/2017	Wall [101]	N	L
436	25/08/2017	Wall [101]	NE	L
437	25/08/2017	Wall [101]	NW	L
438	25/08/2017	Wall [101]	N	P
439	25/08/2017	Wall [101]	E	L
440	25/08/2017	Wall [101]	W/Vert.	L
441	25/08/2017	Wall [101]	W	L
442	25/08/2017	Wall [102]	N	L
443	25/08/2017	Wall [102]	NW	L
444	25/08/2017	Wall [102]	NE	L
445	25/08/2017	Wall [102]	N	P
446	25/08/2017	Wall [102]	E	L
447	25/08/2017	Wall [102]	E/Vert.	L
448	25/08/2017	Wall [102]	W	L
449	25/08/2017	Wall [103]	N	L
450	25/08/2017	Wall [103]	NW	L
451	25/08/2017	Wall [103]	NE	L
452	25/08/2017	Wall [103]	N	P
453	25/08/2017	Wall [103]	E	L
454	25/08/2017	Wall [103]	E/Vert.	L
455	25/08/2017	Wall [103]	W	L
456	25/08/2017	Wall [103]	W	L
457	25/08/2017	Wall [104]	N	L
458	25/08/2017	Wall collapse [104]	NW	L
459	25/08/2017	Wall collapse [104]	NE	L
460	25/08/2017	Wall collapse [104]	N	P
461	25/08/2017	Wall collapse [104]	NE	L
462	25/08/2017	Wall collapse [104]	NE/Vert.	L
463	25/08/2017	Wall collapse [104]	NW	L
464	25/08/2017	Wall collapse [104]	NW	L
465	25/08/2017	Wall [105]	N	P
466	25/08/2017	Wall [105]	NW	P
467	25/08/2017	Wall [105]	NE	P
468	25/08/2017	Wall [105]	N	L
469	25/08/2017	Wall [105]	W/Vert.	L
470	25/08/2017	Wall [105]	E	L
471	25/08/2017	Wall [105]	E	L
472	25/08/2017	Wall [105], detail	E	L
473	25/08/2017	Wall [105], detail	E/Vert.	L

Frame No.	Date	Description	Direction	Orientation
474	25/08/2017	Wall [105], detail	NE	L
475	25/08/2017	Wall [106]	N	P
476	25/08/2017	Wall [106]	N	L
477	25/08/2017	Wall [101] - [105], post-ex, north facing section, W to E	N	L
478	25/08/2017	Wall [101] - [105], post-ex, north facing section, W to E	N	L
479	25/08/2017	Wall [101] - [105], post-ex, north facing section, W to E	N	L
480	25/08/2017	Wall [101] - [105], post-ex, north facing section, W to E	N	L
481	25/08/2017	Wall [101] - [105], post-ex, north facing section, W to E	N	L
482	25/08/2017	Wall [101] - [105], post-ex, north facing section, W to E	N	L
483	25/08/2017	First floor, north wall, after stripping	N	L
484	25/08/2017	First floor, north wall, after stripping	NW	L
485	25/08/2017	First floor, north wall, after stripping	NE	L
486	25/08/2017	First floor, north wall, after stripping	N	L
487	25/08/2017	First floor, wooden floor in front of north wall, after stripping	N	L
488	25/08/2017	Ground floor, north wall, fireplace after stripping	N	L
489	25/08/2017	Ground floor, north wall, fireplace after stripping, detail	N	P
490	25/08/2017	Ground floor, north wall, fireplace after stripping, detail	NE	P
491	25/08/2017	Ground floor, SE corner, fireplace after stripping	SE	P
492	25/08/2017	Ground floor, SE corner, fireplace after stripping	SE	P
493	25/08/2017	Ground floor, SE corner, fireplace after stripping, detail	SE	L
494	25/08/2017	Ground floor, SE corner, fireplace after stripping, detail	SE	P
495	12/09/2017	Ramp installation watching brief, pre-ex	W	L
496	12/09/2017	Ramp installation watching brief, pre-ex	SW	L
497	12/09/2017	Ramp installation watching brief, pre-ex	SW	L
498	12/09/2017	Ramp installation watching brief, pre-ex	W	L
499	12/09/2017	Ramp installation watching brief, pre-ex	W	P
500	12/09/2017	Ramp installation watching brief, pre-ex, south retaining wall	W	L
501	12/09/2017	Ramp installation watching brief, pre-ex, south retaining wall	W	L
502	12/09/2017	Ramp installation watching brief, pre-ex, south retaining wall	W	L
503	12/09/2017	Ramp installation watching brief, pre-ex	E	L
504	12/09/2017	Ramp installation watching brief, removing concrete	SE	L
505	12/09/2017	Ramp installation watching brief, gathering spoil for the ramp	E	L
506	12/09/2017	Ramp installation watching brief, gathering spoil for the ramp	E	L
507	12/09/2017	Ramp installation watching brief, big carved blocks in the spoil	E	L
508	12/09/2017	Ramp installation watching brief, big carved blocks in the spoil	E	L
509	12/09/2017	Ramp installation watching brief, big carved blocks in the spoil	E	L
510	12/09/2017	Ramp installation watching brief, clay deposit under spoil, east	E	P
511	12/09/2017	Ramp installation watching brief, clay deposit under spoil, east	E	L
512	12/09/2017	Ramp installation watching brief, clearing of the rubble	S	L
513	12/09/2017	Ramp installation watching brief, clay deposit under spoil, west	N	L
514	12/09/2017	Ramp installation watching brief, clay deposit under spoil, west	N	P
515	12/09/2017	Ramp installation watching brief, ramp complete	SE	L
516	12/09/2017	Ramp installation watching brief, south retaining wall	NE	L
517	12/09/2017	Ramp installation watching brief, south retaining wall	NE	L
518	12/09/2017	Ramp installation watching brief, south retaining wall	NW	L
519	24/10/2017	Liftshaft area and walls [107] - [110], general view	NE	L
520	24/10/2017	Liftshaft area and walls [107] - [110], general view	NE	L
521	24/10/2017	Liftshaft area and walls [107] - [110], general view	SW	L
522	24/10/2017	Wall [107] abutting north and east walls of church	NE	L
523	24/10/2017	Walls [108] (left) and [109] (right) with screed (113)	E	L
524	24/10/2017	Walls [109] and [110], general view	S	L

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
525	24/10/2017	Wall [110]	E	L
526	24/10/2017	Wall [110]	E	L
527	24/10/2017	Existing lift shaft, concrete foundations	N	L
528	24/10/2017	Brick insertion to wall [109], detail	SW	L
529	24/10/2017	Building recording, flue in north wall, first floor, east side	NE	P
530	24/10/2017	Building recording, flue in north wall, first floor, east side	NE	P
531	24/10/2017	Building recording, flue in north wall, first floor, east side, with brick-blocked fireplace	NE	P
532	24/10/2017	Building recording, gable scar in east wall	W	L
533	24/10/2017	Building recording, gable scar in east wall	W	P
534	26/10/2017	Wall foundations trench, N-S section, general view	S	P
535	26/10/2017	Wall foundations trench, N-S section, south end	E	L
536	26/10/2017	Wall foundations trench, N-S section, north end	E	L
537	26/10/2017	Wall foundations trench, E-W section, general view	W	P
538	26/10/2017	Wall foundations trench, E-W section, east end	S	L
539	26/10/2017	Wall foundations trench, E-W section, central	S	L
540	26/10/2017	Wall foundations trench, E-W section, west end	S	L
541	26/10/2017	Wall foundations trench, western N-S section	N	P
542	26/10/2017	Stone plinth? [115], general view	E	L
543	26/10/2017	Wall foundations trench, western N-S section, general view	N	P
544	03/11/2017	Piling, Flodden wall, pre-ex	NW	L
545	03/11/2017	Piling, Flodden wall, pre-ex	NW	L
546	03/11/2017	Piling, Flodden wall, pre-ex	W	L
547	03/11/2017	Piling, Flodden wall	S	P
548	03/11/2017	Piling, Flodden wall	S	P
549	03/11/2017	Piling, Flodden wall	SW	P
550	03/11/2017	Tree root in the Flodden wall	W	L
551	03/11/2017	Piling, Flodden wall, first pile	S	P
552	03/11/2017	Piling, Flodden wall, first pile	SW	L
553	03/11/2017	Piling, Flodden wall, first pile	NW	L
554	03/11/2017	Piling platform area, pre-ex	NW	L
555	03/11/2017	Piling platform area, pre-ex	W	L
556	03/11/2017	Piling platform area, wall collapse [117], pre-ex	N	L
557	03/11/2017	Piling platform area, wall collapse [117], pre-ex	N	L
558	03/11/2017	Piling platform area, wall collapse [117], pre-ex	NW	L
559	03/11/2017	Piling platform area, wall collapse [117], pre-ex	NW	L
560	03/11/2017	Piling platform area, mid-ex	N	L
561	03/11/2017	Piling platform area, post-ex	N	L
562	03/11/2017	Piling platform area, post-ex	N	P
563	03/11/2017	Piling platform area, roofing slate spread (118), post-ex	N	L
564	03/11/2017	Piling platform area, wall collapse [117], post-ex	N	L
565	03/11/2017	Piling platform area, wall collapse [117], post-ex	N	L
566	03/11/2017	Piling platform area, wall collapse [117], post-ex	W	L
567	03/11/2017	Piling platform area, wall collapse [117], post-ex	NW	L
568	03/11/2017	Piling platform area, wall collapse removed	SE	L
569	03/11/2017	Piling platform area, wall collapse [117] removed	SW	L
570	03/11/2017	Piling platform area, post-ex	NW	L
571	03/11/2017	Piling platform area, post-ex	S	L
572	07/11/2017	Piling in the north end of site, completed	W	L
573	07/11/2017	Piling in the north end of site, completed	NW	L
574	07/11/2017	Piling between the platform and the north end of site, completed	W	P
575	07/11/2017	Piling, working shot	NW	L

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
576	07/11/2017	Piling in the north end of site, completed	N	L
577	09/11/2017	Piling in the south end of site, in progress	SSW	P
578	09/11/2017	Piling in the south end of site, in progress	SW	L
579	09/11/2017	Piling, working shot	W	L
580	09/11/2017	Piling in the north end of site, completed	N	P
581	09/11/2017	Piling, working shot	S	P
582	09/11/2017	Piling, working shot	W	P
583	09/11/2017	Piling, working shot	SSW	P
584	29/09/2017	Building recording during internal stripping, ground floor	E	L
585	29/09/2017	Building recording during internal stripping, ground floor	E	P
586	29/09/2017	Building recording during internal stripping, ground floor	E	P
587	29/09/2017	Building recording during internal stripping, ground floor	S	P
588	29/09/2017	Building recording during internal stripping, first floor	SW	L
589	29/09/2017	Building recording during internal stripping, first floor	S	L
590	29/09/2017	Building recording during internal stripping, first floor	N	L
591	29/09/2017	Building recording during internal stripping, first floor	N	L
592	29/09/2017	Building recording during internal stripping, first floor	N	L
593	29/09/2017	Building recording during internal stripping, first floor	NE	L
594	29/09/2017	Building recording during internal stripping, first floor	N	P
595	29/09/2017	Building recording during internal stripping, first floor	N	P
596	29/09/2017	Building recording during internal stripping, first floor	N	P
597	29/09/2017	Building recording during internal stripping, first floor	N	L
598	29/09/2017	Building recording during internal stripping, first floor	NW	L
599	29/09/2017	Building recording during internal stripping, first floor	SW	P
600	29/09/2017	Building recording during internal stripping, first floor	NE	L
601	29/09/2017	Building recording during internal stripping, first floor	SE	L
602	29/09/2017	Building recording during internal stripping, first floor	N	P
603	29/09/2017	Building recording during internal stripping, first floor	N	L
604	29/09/2017	Building recording during internal stripping, ground floor	E	L
605	29/09/2017	Building recording during internal stripping, ground floor	E	P
606	29/09/2017	Building recording during internal stripping, ground floor	NE	L
607	29/09/2017	Building recording during internal stripping, ground floor	E	P
608	29/09/2017	Building recording during internal stripping, detail of quatrafoil Fe panel	-	L
609	13/11/2017	Piling installed, pre-ex, general view, north-west corner	NW	L
610	13/11/2017	Piling installed, pre-ex, general view, west side	S	P
611	13/11/2017	Piling installed, pre-ex, general view, piles 1-3	W	L
612	13/11/2017	Pile 1, post-ex	W	P
613	13/11/2017	P 1, post-ex with E face of Flodden Wall	W	P
614	13/11/2017	P 1, base of trench with (120)	W	L
615	13/11/2017	P 1, north facing section	SW	P
616	13/11/2017	P 1, south facing section	NW	P
617	13/11/2017	P 3, post-ex, general view	W	P
618	13/11/2017	P 3, north facing section	SW	P
619	13/11/2017	P 3, south facing section	NW	P
620	13/11/2017	P 3, south facing section	NW	L
621	13/11/2017	P 3, south facing section	N	P
622	13/11/2017	P 5, pre-ex, wall collapse stub	NW	P
623	13/11/2017	P 5, pre-ex, wall collapse stub	N	L
624	13/11/2017	P 5, pre-ex, wall collapse stub	SW	L
625	13/11/2017	P 5, pre-ex, wall collapse stub	N	L
626	13/11/2017	P 1-5, general view	S	P

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
627	13/11/2017	P 1-5, general view	N	P
628	13/11/2017	General view, castle in background	NW	L
629	13/11/2017	P 5, mid-ex	NE	L
630	13/11/2017	P 5, mid-ex	NE	L
631	13/11/2017	P 5, post-ex	NW	L
632	13/11/2017	Stretch of Flodden Wall behind installed shuttering	NE	P
633	13/11/2017	Stretch of Flodden Wall behind installed shuttering	N	P
634	13/11/2017	P 4, mid-ex with clay (120) and Flodden Wall	W	L
635	13/11/2017	P 4, mid-ex with clay (120) and Flodden Wall	W	L
636	13/11/2017	P 4, north facing section with mortar lens above (120)	S	P
637	13/11/2017	P 4, north facing section with mortar lens above (120)	S	P
638	13/11/2017	P 4, general view	S	L
639	13/11/2017	P 4, general view	S	P
640	13/11/2017	P 4-5, with natural clay	N	P
641	13/11/2017	P 4-5, with natural clay	N	P
642	13/11/2017	P 1-5, backfilling	N	P
643	13/11/2017	P 1-5, backfilling	N	P
644	13/11/2017	P 9, cut [122] with yellow sand fill (123) and natural	W	P
645	13/11/2017	P 9, east-facing section with cut [122]	W	P
646	13/11/2017	P 9, general view	NW	P
647	13/11/2017	P 9, general view	W	P
648	13/11/2017	P 9, north facing section with (123)	S	P
649	13/11/2017	P 9, south facing section with natural (121)	N	P
650	13/11/2017	P 9, post-ex, with [122]	W	P
651	13/11/2017	P 9, north facing section	S	L
652	16/11/2017	P 8, south facing section, thin horizon (119) above the natural	NW	P
653	16/11/2017	P 8, south facing section, thin horizon (119) above the natural	N	L
654	16/11/2017	P 8, south facing section, thin horizon (119) above the natural, detail	N	L
655	16/11/2017	P 8, general view	N	L
656	16/11/2017	Liftshaft area, pre-ex	W	L
657	16/11/2017	Liftshaft area, pre-ex, with flash	W	L
658	16/11/2017	Liftshaft area, pre-ex, with flash	N	L
659	16/11/2017	Liftshaft area, pre-ex	N	L
660	16/11/2017	Liftshaft area, pre-ex	E	L
661	16/11/2017	P 10, east facing, with (123)	SW	P
662	16/11/2017	P 10, general view, with (123)	NW	P
663	16/11/2017	P 10, general view, with (123)	NW	P
664	16/11/2017	P 7, general view, thin horizon (119) above natural	W	P
665	16/11/2017	P 7, general view, thin horizon (119) above natural	W	P
666	16/11/2017	P 7, south facing section	N	L
667	16/11/2017	P 7, north facing section	SW	L
668	16/11/2017	Liftshaft, first spit, (111) removed, exposing (112)	W	L
669	16/11/2017	Liftshaft, first spit, (111) removed, exposing (112)	W	L
670	16/11/2017	Liftshaft, first spit, (111) removed, exposing (112)	N	L
671	16/11/2017	Liftshaft, first spit, (111) removed, exposing (112)	N	L
672	16/11/2017	Liftshaft, first spit, (111) removed, exposing (112)	E	L
673	17/11/2017	Liftshaft, first spit, (111) removed, exposing (112)	E	L
674	16/11/2017	Liftshaft, [124] as first exposed	N	L
675	16/11/2017	Liftshaft, [124] as first exposed	W	L
676	16/11/2017	Liftshaft, [124] as first exposed, detail	W	L
677	17/11/2017	Clearing for machine access, working shot	N	L

Frame No.	Date	Description	Direction	Orientation
678	17/11/2017	Wall collapse stub, general view	N	L
679	17/11/2017	Wall collapse stub, general view	N	L
680	17/11/2017	Wall collapse stub, detail	N	L
681	17/11/2017	Wall collapse stub, return, detail	E	L
682	17/11/2017	Wall collapse stub, return, detail	N/Vert.	L
683	17/11/2017	Wall collapse stub, return, detail	W	L
684	17/11/2017	Liftshaft, 2nd spit, (112) removed, exposing [124], [126], [127] and [128]	W	L
685	17/11/2017	Liftshaft, 2nd spit, (112) removed, exposing [124], [126], [127] and [128]	N	L
686	17/11/2017	Liftshaft, 2nd spit, (112) removed, exposing [124], [126], [127] and [128]	E	L
687	17/11/2017	Liftshaft, mortar (130), general view	N	P
688	17/11/2017	Liftshaft, mortar (130), general view	E	L
689	17/11/2017	Liftshaft, mortar (130), general view, red mortar, detail	E	L
690	17/11/2017	Liftshaft, structure [124]	N	L
691	17/11/2017	Liftshaft, structure [124]	N	P
692	17/11/2017	Liftshaft, structure [124], detail	E	L
693	17/11/2017	Liftshaft, structure [124], detail	E	L
694	17/11/2017	Liftshaft, structure [124], opening into the wall, detail	N	L
695	17/11/2017	Liftshaft, structure [124], view into flue	N	L
696	17/11/2017	Liftshaft, structure [124], view into flue	N	L
697	17/11/2017	Liftshaft, structure [124], view into flue	N	L
698	17/11/2017	Liftshaft, structure [124], view into flue	N	L
699	17/11/2017	Liftshaft, structure [124], view into flue	N	L
700	17/11/2017	Liftshaft, structure [124], view into flue	N	L
701	17/11/2017	Liftshaft, wall foundation [126]	N	L
702	17/11/2017	Liftshaft, wall foundation [127]	N	L
703	17/11/2017	Liftshaft, stone scatter [128]	SW	L
704	17/11/2017	Stripping in north end, working shot	E	L
705	17/11/2017	Stripping in north end, working shot	E	P
706	17/11/2017	Stripping in north end, at the end of the week	E	L
707	17/11/2017	Stripping in north end, at the end of the week	S	L
708	20/11/2017	Stripping in north end, general view	E	L
709	20/11/2017	Stripping in north end, general view	W	L
710	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, general view	W	L
711	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, general view	N	L
712	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, general view	E	L
713	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, detail	E	L
714	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, detail	N	P
715	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, detail	W	L
716	20/11/2017	Liftshaft, 3rd spit, flagstone [124] fully exposed, detail	W	P
717	21/11/2017	Liftshaft, 4th spit, (129) removed onto (131)	W	L
718	21/11/2017	Liftshaft, 4th spit, (129) removed onto (131)	NW	L
719	21/11/2017	Liftshaft, 4th spit, (129) removed onto (131)	N	L
720	21/11/2017	Liftshaft, 4th spit, (129) removed onto (131)	E	L
721	21/11/2017	Liftshaft, 4th spit, (129) removed onto (131), stone [124], detail	W/Vert.	L
722	21/11/2017	Liftshaft, 4th spit, (129) removed onto (131), stones [124] and [132], detail	E	L
723	21/11/2017	Liftshaft, 5th spit, (131) partially removed onto (133)	W	L
724	21/11/2017	Liftshaft, 5th spit, (131) partially removed onto (133)	N	L
725	21/11/2017	Liftshaft, 5th spit, (131) partially removed onto (133)	E	L

Frame No.	Date	Description	Direction	Orientation
729	22/11/2017	Area B, east elevation, composite, N-S	E	P
730	22/11/2017	Area B, east elevation, composite, N-S	E	P
731	22/11/2017	Area B, east elevation, composite, N-S	E	P
732	22/11/2017	Area B, east elevation, composite, N-S	E	P
733	22/11/2017	Area B, east elevation, composite, N-S	E	P
734	22/11/2017	Area B, east elevation, composite, N-S	E	P
735	22/11/2017	Area B, east elevation, composite, N-S	E	P
736	22/11/2017	Area B, east elevation, general view	NE	L
737	22/11/2017	General view of (136), between walls [101] and [106]	NE	L
738	22/11/2017	General view of (136), between walls [101] and [106]	NE	L
739	22/11/2017	Detail of (136), between walls [101] and [106]	S	L
740	22/11/2017	Detail of (136), between walls [101] and [106]	S	L
741	22/11/2017	Liftshaft, post-ex, exposing natural (133), general view	W	L
742	22/11/2017	Liftshaft, post-ex, exposing natural (133), general view	N	L
743	22/11/2017	Liftshaft, post-ex, exposing natural (133), general view	E	L
744	22/11/2017	Liftshaft, post-ex, exposing natural (133), general view	E	L
745	22/11/2017	Liftshaft, post-ex, east facing section, N-S	W	L
746	22/11/2017	Liftshaft, post-ex, east facing section, N-S	W	L
747	22/11/2017	Liftshaft, post-ex, east facing section, N-S	W	L
748	22/11/2017	Liftshaft, post-ex, east facing section, N-S	W	L
749	22/11/2017	Liftshaft, post-ex, east facing section, N-S	W	L
750	22/11/2017	Liftshaft, post-ex, north facing section, W-E	S	L
751	22/11/2017	Liftshaft, post-ex, north facing section, W-E	S	L
752	22/11/2017	Liftshaft, post-ex, north facing section, W-E	S	L
753	22/11/2017	Liftshaft, post-ex, west facing section, S-N	E	L
754	22/11/2017	Liftshaft, post-ex, west facing section, S-N	E	L
755	22/11/2017	Liftshaft, post-ex, west facing section, S-N	E	L
756	22/11/2017	Liftshaft, post-ex, west facing section, S-N	E	L
757	22/11/2017	Liftshaft, post-ex, south facing section, E-W	N	L
758	22/11/2017	Liftshaft, post-ex, south facing section, E-W	N	L
759	22/11/2017	Liftshaft, post-ex, south facing section, E-W	N	L
760	22/11/2017	Liftshaft, post-ex, south facing section, E-W	N	L
761	22/11/2017	Liftshaft, post-ex, east facing section, opening in wall, detail	W	L
762	23/11/2017	Liftshaft, post-ex, general view of flooding	E	L
763	23/11/2017	Linear cut [122], general view at south end of site	E	L
764	23/11/2017	Linear cut [122], general view at south end of site	E	L
765	24/11/2017	Slot 1, between walls [101] and [106], general view	N	P
766	24/11/2017	Slot 1, between walls [101] and [106], composite, S-N	W/Vert.	L
767	24/11/2017	Slot 1, between walls [101] and [106], composite, S-N	W/Vert.	L
768	24/11/2017	Slot 1, between walls [101] and [106], composite, S-N	W/Vert.	L
769	24/11/2017	Slot 1, between walls [101] and [106], composite, S-N	W/Vert.	L
770	24/11/2017	Walls [101], [106], [102] and [103] and collapse [146]	N	L
771	24/11/2017	Walls [102] and [103] and collapse [146]	N	L
772	24/11/2017	Walls [101], [106], [102] and [103] and collapse [146]	NW	L
773	24/11/2017	Walls [101], [106], [102] and [103] and collapse [146]	NW	L
774	24/11/2017	Walls [102] and [103]	W	L
775	24/11/2017	Walls [102] and [103]	W	L
776	27/11/2017	Wall [101], general view	NE	L
777	27/11/2017	Wall [101], general view	NE	L
778	27/11/2017	Wall [101], west facing elevation	E	L
779	27/11/2017	Wall [101], west facing elevation	E	L

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
780	27/11/2017	Wall [101], south end	N	P
781	27/11/2017	Wall [101], south end	N	P
782	27/11/2017	Wall [101], east facing elevation	W	L
783	27/11/2017	Wall [101], east facing elevation	W	L
784	27/11/2017	Wall [101], east facing elevation	W	L
785	27/11/2017	Wall [101], interphase with (142), detail	W	L
786	27/11/2017	Wall [101], west facing elevation, composite, N-S	E	P
787	27/11/2017	Wall [101], west facing elevation, composite, N-S	E	P
788	27/11/2017	Wall [101], west facing elevation, composite, N-S	E	P
789	27/11/2017	Wall [101], south facing elevation	N	P
790	27/11/2017	Wall [101], east facing elevation, composite, S-N	W	P
791	27/11/2017	Wall [101], east facing elevation, composite, S-N	W	P
792	27/11/2017	Wall [101], east facing elevation, composite, S-N	W	P
793	28/11/2017	Slot 1, (141) removed, exposing black (142) and wall collapse [144] in background	N	P
794	28/11/2017	Slot 1, (141) removed, exposing black (142) and wall collapse [144] in background	N	P
795	28/11/2017	Slot 1, (141) removed, exposing black (142), composite S-N	W	L
796	28/11/2017	Slot 1, (141) removed, exposing black (142), composite S-N	W	L
797	28/11/2017	Slot 1, (141) removed, exposing black (142), composite S-N	W	L
798	28/11/2017	Slot 1, (141) removed, exposing black (142), composite S-N	W	L
799	28/11/2017	Slot 1, (141) removed, exposing black (142), composite S-N	W	L
800	28/11/2017	Slot 1, (141) removed, exposing black (142), composite S-N	W	L
801	28/11/2017	Slot 1, (141) removed, exposing black (142) and wall collapse [144], general view	E	L
802	28/11/2017	Slot 1, (141) removed, exposing black (142) and wall collapse [144], general view	E	L
803	28/11/2017	Slot 1, (141) removed, exposing black (142), general view	S	P
804	28/11/2017	Wall [106], general view	N	L
805	28/11/2017	Wall [106], general view	NE	L
806	28/11/2017	Wall [106], general view	NW	L
807	28/11/2017	Wall [106], east facing elevation	W	L
808	28/11/2017	Wall [106], south end	N	L
809	28/11/2017	Wall [106], west facing elevation	E	L
810	28/11/2017	Rubble [148], general view	E	L
811	28/11/2017	Rubble [148], general view	NE	L
812	28/11/2017	Rubble [148], general view	W	L
813	28/11/2017	Rubble [148], general view	S	L
814	28/11/2017	Wall collapse [149], general view	E	L
815	28/11/2017	Wall collapse [149], general view	S	L
816	28/11/2017	Wall collapse [149], general view	N	L
817	28/11/2017	Wall collapse [149], general view	N	L
818	28/11/2017	Wall collapse [149], general view	N	L
819	28/11/2017	Wall collapse [149], general view	N	L
820	28/11/2017	Wall [103], east facing elevation	W	L
821	28/11/2017	Wall [103], east facing elevation	W	L
822	28/11/2017	Walls [102] and [103], east facing elevation	NW	L
823	28/11/2017	Walls [102] and [103], east facing elevation	NW	L
824	28/11/2017	Walls [102] and [103], south end	N	L
825	28/11/2017	Walls [102] and [103], general view	NW	L
826	28/11/2017	Wall [103], south end	N	L
827	28/11/2017	Walls [102] and [103], general view	NE	L

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
828	28/11/2017	Wall [102], east facing elevation	W	L
829	28/11/2017	Wall [102], east facing elevation	W	L
830	28/11/2017	Wall [102], south end	N	L
831	28/11/2017	Walls [102] and [103], general view	NW	L
832	28/11/2017	Walls [102] and [103], composite from above	Vert.	L
833	28/11/2017	Walls [102] and [103], composite from above	Vert.	L
834	28/11/2017	Walls [102] and [103], composite from above	Vert.	L
835	28/11/2017	Walls [102] and [103], composite from above	Vert.	L
836	28/11/2017	Walls [102] and [103], general view	E	L
837	28/11/2017	Walls [102] and [103], general view	SE	L
838	28/11/2017	Wall collapse [144], general view	N	L
839	28/11/2017	Wall collapse [144], general view	N	L
840	28/11/2017	Wall collapse [144], general view	E	P
841	28/11/2017	Wall collapse [144], section	W	L
842	28/11/2017	Wall collapse [144], section	W	L
843	28/11/2017	Wall collapse [144], general view	W	P
844	29/11/2017	Brick underpinning, south end Flodden Wall	W	P
845	29/11/2017	Brick underpinning, south end Flodden Wall	NW	P
846	29/11/2017	Brick underpinning, south end Flodden Wall	W	P
847	29/11/2017	Slot 1, north end, (142) removed, showing natural (152)	N/Vert.	L
848	29/11/2017	Slot 1, north end, (142) removed, showing natural (152)	N/Vert.	L
849	29/11/2017	General site views	N	P
850	29/11/2017	General site views	N	L
851	29/11/2017	General site views	N	L
852	29/11/2017	General site views	N	L
853	29/11/2017	General site views	N	L
854	29/11/2017	General site views	N	L
855	29/11/2017	General site views	N	L
856	29/11/2017	General site views	N	L
857	29/11/2017	General site views	N	P
858	29/11/2017	General site views	N	L
859	29/11/2017	General site views	N	L
860	29/11/2017	General site views	N	L
861	29/11/2017	General site views	N	L
862	29/11/2017	General site views	N	P
863	29/11/2017	General site views	N	P
864	29/11/2017	General site views	N	P
865	29/11/2017	General site views	N	P
866	29/11/2017	General site views	N	L
867	29/11/2017	General site views	N	L
868	29/11/2017	General site views	N	L
869	29/11/2017	General site views	N	L
870	29/11/2017	Area A, general view with collapsed wall [149]	W	L
871	29/11/2017	Wall [103], general view	S	L
872	29/11/2017	Wall [103], general view	S	L
873	29/11/2017	Walls [102] and [103], general view	S	L
874	29/11/2017	Slot 2, general view	SW	L
875	29/11/2017	Slot 2, general view	SW	L
876	29/11/2017	Slot 2, general view	SW	L
877	29/11/2017	Slot 1, sounding into natural (152)	N/Vert.	L
878	29/11/2017	Slot 1, sounding into natural (152)	N/Vert.	L

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
879	29/11/2017	Slot 2, sounding into natural (152)	N	P
880	29/11/2017	Slot 2, east facing section at base	W	P
881	01/12/2017	Rubble overlying (142) levelled, general	E	P
882	01/12/2017	Posthole [153], post-ex, general view	S	L
883	01/12/2017	Posthole [153], post-ex, general view	N	L
884	01/12/2017	Posthole [153], post-ex, detail	N	L
885	01/12/2017	Posthole [153], post-ex, detail	N	L
886	01/12/2017	South terrace, stripped to natural, general view	E	P
887	01/12/2017	South terrace, stripped to natural, general view	N	P
888	01/12/2017	South terrace, stripped to natural, general view	N	L
889	01/12/2017	South terrace, stripped to natural, general view	NE	L
890	01/12/2017	South terrace, stripped to natural, general view	NE	P
891	04/12/2017	DT 1, posthole [155], south-east facing section, general view	NW	L
892	04/12/2017	DT 1, posthole [155], south-east facing section, detail	NW	L
893	04/12/2017	DT 1, posthole [155], south-east facing section, detail	NW	L
894	04/12/2017	DT 1, posthole [155], south-east facing section, detail	NW/Vert.	L
895	04/12/2017	DT 3, pre-ex, general view	N	L
896	04/12/2017	DT 3, pre-ex, general view	S	L
897	04/12/2017	DT 1, post-ex, general view	N	L
898	04/12/2017	DT 1, post-ex, general view	W	L
899	04/12/2017	DT 1, post-ex, general view	S	L
900	04/12/2017	DT 1, post-ex, general view	S	L
901	04/12/2017	DT 1, post-ex, general view	E	L
902	04/12/2017	DT 1, east facing section	W	L
903	04/12/2017	DT 1, south facing section	N	L
904	04/12/2017	DT 1, south facing section	N	L
905	04/12/2017	DT 1, east facing section	W	L
906	04/12/2017	DT 1, west facing section	E	L
907	04/12/2017	DT 1, west facing section	E	L
908	04/12/2017	DT 1, north facing section	S	L
909	04/12/2017	DT 3, (142) exposed	N	L
910	04/12/2017	DT 3, (142) exposed	S	L
911	04/12/2017	DT 2, pre-ex, general view along slot 1	N	L
912	04/12/2017	DT 2, pre-ex, general view	N	L
913	04/12/2017	DT 2, pre-ex, general view	S	L
914	05/12/2017	DT 3, natural and yellow sand (158) exposed	N	L
915	05/12/2017	DT 3, natural and yellow sand (158) exposed	N	P
916	05/12/2017	DT 3, natural and yellow sand (158) exposed	W	L
917	05/12/2017	DT 3, natural and yellow sand (158) exposed	S	L
918	05/12/2017	DT 3, natural and yellow sand (158) exposed	S	P
919	05/12/2017	DT 2, natural and yellow sand (158) exposed	N	L
920	05/12/2017	DT 2, natural and yellow sand (158) exposed	S	L
921	06/12/2017	DT 3, post-ex, general view	N	L
922	06/12/2017	DT 3, post-ex, general view	S	L
923	06/12/2017	DT 3, west facing section, general view	E	L
924	06/12/2017	DT 3, west facing section, north end, detail	E	L
925	06/12/2017	DT 3, west facing section, south end, detail	E	L
926	06/12/2017	DT 3, west facing section, general view	E	L
927	06/12/2017	DT 2, post-ex, general view	N	L
928	06/12/2017	DT 2, post-ex, general view	S/Vert.	L
929	06/12/2017	DT 2, post-ex, general view	W	L

Frame No.	Date	Description	Direction	Orientation
930	06/12/2017	DT 2, post-ex, general view	E	L
931	06/12/2017	DT 2, west facing section	E	L
932	06/12/2017	DT 2, north facing section	S	L
933	06/12/2017	DT 2, east facing section	W	L
934	06/12/2017	DT 2, south facing section	N	L
935	06/12/2017	DT 4, pre-ex, general view	N	L
936	06/12/2017	DT 4, (150) removed to (142)	N	L
937	06/12/2017	DT 4, (150) removed to (142)	S	L
938	07/12/2017	DT 4, (142) removed to natural and yellow sand (158)	N	L
939	07/12/2017	DT 4, (142) removed to natural and yellow sand (158)	E	L
940	07/12/2017	DT 4, (142) removed to natural and yellow sand (158)	W	L
941	07/12/2017	DT 4, (142) removed to natural and yellow sand (158)	S	L
942	07/12/2017	Wall [159], general view	N	L
943	07/12/2017	Wall [159], detail	N	L
944	07/12/2017	Wall [159], general view	NE	L
945	07/12/2017	DT 4, post-ex, general view	N	L
946	07/12/2017	DT 4, post-ex, general view	E	L
947	07/12/2017	DT 4, post-ex, general view	W	L
948	07/12/2017	DT 4, post-ex, general view	S/Vert.	L
949	07/12/2017	DT 4, east facing section	W	L
950	07/12/2017	DT 4, east facing section	W	L
951	07/12/2017	DT 4, south facing section	N	L
952	07/12/2017	DT 4, south facing section	N	L
953	07/12/2017	DT 4, west facing section	E	L
954	08/12/2017	Wall stub [160], general view, south facing elevation	N	P
955	08/12/2017	Wall stub [160], general view, south facing elevation	N	P
956	08/12/2017	Wall stub [160], general view	W	P
957	08/12/2017	Wall stub [160], general view	NW	P
958	08/12/2017	Wall stub [160], junction wit Flodden Wall, detail	NW	P
959	08/12/2017	Wall stub [160], junction wit Flodden Wall, detail	NW	P
960	08/12/2017	Wall stub [160], junction wit Flodden Wall, detail	NW	P
961	08/12/2017	Area A, south facing section, composite, W-E	N	P
962	08/12/2017	Area A, south facing section, composite, W-E	N	P
963	08/12/2017	Area A, south facing section, composite, W-E	N	P
964	08/12/2017	Area A, south facing section, composite, W-E	N	P
965	08/12/2017	Area A, south facing section, composite, W-E	N	P
966	08/12/2017	Area A, south facing section, composite, W-E	N	P
967	08/12/2017	Area A, south facing section, composite, W-E	N	P
968	08/12/2017	Area A, south facing section, composite, W-E	N	P
969	08/12/2017	Area A, south facing section, composite, W-E	N	P
970	08/12/2017	Area A, south facing section, composite, W-E	N	P
971	08/12/2017	Area A, south facing section, composite, W-E	N	P
972	08/12/2017	Area A, south facing section, composite, W-E	N	P
973	08/12/2017	Area A, south facing section, composite, W-E	N	P
974	08/12/2017	Area A, post-ex, general view	N	L
975	08/12/2017	Area A, post-ex, general view	N	L
976	08/12/2017	Area A, post-ex, general view	NW	L
977	08/12/2017	Area A, post-ex, general view	N	L
978	08/12/2017	Area A, post-ex, general view	N	L
979	08/12/2017	Area A, post-ex, general view	N	L
980	08/12/2017	Area A, post-ex, general view	NE	L

<i>Frame No.</i>	<i>Date</i>	<i>Description</i>	<i>Direction</i>	<i>Orientation</i>
981	08/12/2017	View of Castle	NW	L
982	08/12/2017	Working shot	N	L
983	08/12/2017	Area A, west facing section, composite, N-S	E	L
984	08/12/2017	Area A, west facing section, composite, N-S	E	L
985	08/12/2017	Area A, west facing section, composite, N-S	E	L
986	08/12/2017	Area A, west facing section, composite, N-S	E	L
987	08/12/2017	Area A, east flank of site, general view	NE	L
988	08/12/2017	Area A, post-ex, general view	N	L
989	08/12/2017	Area A, post-ex, general view	N	L
990	08/12/2017	Area A, post-ex, general view	N	L
991	08/12/2017	Area A, post-ex, general view	N	L
992	08/12/2017	Area A, post-ex, general view	SE	P
993	08/12/2017	Area A, post-ex, general view	SE	P

Appendix E DES Entry

LOCAL AUTHORITY:	City of Edinburgh
PROJECT TITLE/SITE NAME:	4-6 Grassmarket
PROJECT CODE:	2165
PARISH:	Edinburgh
NAME OF CONTRIBUTOR:	Philip Karsgaard
NAME OF ORGANISATION:	Addyman Archaeology
TYPE(S) OF PROJECT:	Archaeological Excavation
NMRS NO(S):	Canmore ID 111839; NT27SE 640
SITE/MONUMENT TYPE(S):	City wall, S.M.3012, B Listed Building
SIGNIFICANT FINDS:	None
NGR (2 letters, 8 or 10 figures)	NT 25286 73371
START DATE (this season)	13/11/2017
END DATE (this season)	08/12/2017
PREVIOUS WORK (incl. DES ref.)	DBA, Archaeological Evaluation DES Vol 17, 68; Historic Building Recording
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>Addyman Archaeology undertook a programme of archaeological work at 4-6 Grassmarket, Edinburgh, previously known as 'The Lot' in advance of its renovation and extension. The site includes the former Robertson Memorial Mission Buildings, which is a part of the larger Category B listed building 4-10 Grassmarket. The western boundary of the site is constituted by the Flodden Wall, a Scheduled Ancient Monument. The archaeological works included Historic Building Recording of the standing building, excavation in the land to the rear of the standing building, and archaeological excavation of a lift-shaft trench within the building.</p> <p>The excavations revealed that the rear plot had been terraced in antiquity, probably concurrently with the construction of the Robertson Memorial Mission building, and that this terracing had removed most <i>in-situ</i> indications of previous occupation. Substantial fragments of structural rubble, the remains of buildings pre-dating the construction of the Robertson Memorial Mission building levelled during this terracing works, were identified, as well as a series of possible buttress walls constructed above the rubble horizon. A substantial corpus of post-medieval and modern artefacts was retrieved from the deposits excavated, including some residual material of 16th to 19th century date. The lift-shaft excavations revealed drainage features related to the original construction of the standing building, and a red sandstone rubble horizon, above natural clay, predating its construction. The building recording noted previously blocked internal features including fireplaces and windows on the ground and first floors, and a 19th century underpinning to the Flodden Wall at the rear of the standing building.</p>
PROPOSED FUTURE WORK:	None.
CAPTION(S) FOR ILLUSTRS:	-
SPONSOR OR FUNDING BODY:	Signature Pubs Ltd
ADDRESS OF MAIN CONTRIBUTOR:	The Old Printworks, 77a Brunswick Street, Edinburgh EH7 5HS
EMAIL ADDRESS:	admin@addyman-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	NRHE (intended)

Appendix F Ceramics, CBM, Clay Pipe and Glass Assessment by Julie Frankel & Amy Koonce**Summary**

The finds assemblage numbered 672 sherds (8.415kg) of pottery, 120 sherds of glass objects (including bottles, jars and a possible bottle stopper), 30 sherds of clay pipe bowls and stems, 16 sherds of window glass, 11 sherds (251g) of ceramic building material, five ceramic objects and 605g of asphalt. These were found in 16 separate features/deposits. The post-medieval and modern periods are represented. The finds are summarised by feature in Table 1 and a complete catalogue is given at the end.

Feature	Pottery (PM)	Pottery (PM)	Pottery (Mod)	Pottery (Mod)	Glass (Vessel)	Glass (Window)	Clay Pipe	Ceramic Object	CBM	CBM	Asphalt	Spot date
	Count	Wgt (g)	Count	Wgt (g)	Count	Count	Count	Count	Count	Wgt (g)	Wgt (g)	
unstratified	11	93	171	2,614	5	-	11	-	-	-	-	19th-20th
deposit (100)	2	31	25	248	9	2	3	-	-	-	-	19th-20th
wall [101]	-	-	5	112	-	1	1	-	-	-	-	19th – 20th
deposit (119)	-	-	50	900	4	-	1	1	-	-	-	18th-20th
construction cut [122]	-	-	1	9	1	-	-	-	-	-	-	19th+
stone structure [124]	-	-	1	17	-	-	-	-	-	-	-	1800+
deposit (129)	-	-	1	265	-	-	-	-	-	-	-	1800+
deposit (131)	-	-	1	1	-	-	-	-	-	-	-	1800+
deposit (135)	2	42	-	-	-	-	-	-	-	-	-	17th/18th
irregular cut [140]	4	18	113	1,104	2	2	4	-	1	3	-	18th-19th
deposit (141)	1	34	44	312	6	-	4	-	-	-	-	19th-20th
deposit (142)	3	19	187	2,040	91	11	6	4	10	248	605	19th-20th
deposit (150)	2	13	-	-	-	-	-	-	-	-	-	16th
deposit (151)	-	-	26	367	2	-	-	-	-	-	-	19th-20th
post-hole [153]	-	-	7	17	-	-	-	-	-	-	-	1800+
deposit (158)	-	-	15	159	-	-	-	-	-	-	-	19th+
Total	25	250	647	8,165	120	16	30	5	11	251	605	

Table 1. Summary of finds assemblage by feature with spot dating

Methodology

The report includes hand-collected finds only. The finds were collected, processed and packaged for long term storage in accordance with professional guidelines (CIfA 2014; Watkinson & Neal 1998). The finds were assessed and recorded by an appropriate specialist. The resultant data was then drawn together into one MS Access database. A copy of this data is given at the end of the report.

The pottery was examined visually, using x20 magnification where necessary. It was recorded according to standards set out by specialist bodies (Barclay et al 2016 & Slowikowski 2001).

Post-medieval to modern pottery

The pottery numbered 672 sherds (8.415kg) and was predominantly of 19th-century types. Earlier types are present but in smaller numbers. The assemblage was typical for the area, with the usual mix of table and utilitarian wares. Pottery was particularly concentrated in irregular cut [140] and deposit (142).

<i>Fabric</i>	<i>Dating</i>	<i>Sherds</i>	<i>Wgt (g)</i>
Chinese porcelain	1680-present	12	67
Creamware	1760-1830	75	369
European porcelain	1750-present	21	94
Modern red earthenware	1700-1900	84	2,143
Modern refined/coloured earthenware	1840-present	30	484
Modern stoneware	1750-present	51	1,843
Modern whiteware	1800-present	352	3,052
Pearlware	1780-1840	32	172
Post-medieval redware (PMR) (Caldwell & Dean 1992; Haggarty et al 2011)	16th-m18th	9	110
Tin-glazed earthenware (TGE)	1600-1800	2	24
Weser slipware (Hurst et al 1986, 250-9)	1590-1620	1	15
Westerwald stoneware (Gaimster 1997, 251-71)	1600-1800	1	34
White salt-glazed stoneware (WSG) (Edwards & Hampson 2005)	1720-1800	2	8
Total		672	8,415

Table 2. Post-medieval to modern pottery type series

No medieval sherds were recovered. The earliest were of post-medieval reduced (PMR) jugs and jars, the typical locally-produced pottery of the area during the post-medieval period. These include a few sherds with the thinner walls and sandy fabric typical of 16th-century wares. Others are more characteristic of the 17th and earlier 18th century. All are apparently residual.

Other early post-medieval sherds include the rim of a Weser slipware dish and a sherd of a decorative Westerwald stoneware jug, both imported from Germany. Sherds of tin-glazed earthenware and porcelain may also belong to this period, imported from the Low Countries and China, respectively.

Sherds of later 18th-century white salt-glazed stoneware, creamware and pearlware suggest a presence in the later 18th century, though again there is no clear evidence that any of these sherds are in situ in 18th-century contexts.

The remainder of the assemblage is of 19th century date, possibly continuing into the earlier 20th century.

Glass

A total of 136 sherds of glass, including sherds from bottles, jars, windows and a possible bottle stopper marble. The majority of the sherds come from deposit (142). The assemblage consists of several complete or nearly complete bottles. They are all modern in date. Known brands include McEwan, J&W Hardie (1857+), a lavender water bottle from Frazer & Green of Glasgow, Bowack Brothers, DK Kelley & Co of Leith, with several more sherds indicating an Edinburgh origin. Fragments of window glass were probably all modern and included some sherds of textured safety glass.

Clay pipe

Fragments of 30 sherds of clay pipe bowls and stems were recovered from seven separate features. Nearly all of the clay pipes date to around the 19th-early 20th century, with three sherds associated with known pipe-makers. This includes a stem marked for William Swaney of Edinburgh (1876-1889) and a bowl and stem from Thomas White & Company of Edinburgh (1823-1882) (Davey 1987, 349-50).

The only earlier sherd was a fragment of stem with a wide bore indicating a date during the period 17th-early 18th century. It was residual in deposit (100).

Ceramic objects

Five ceramic objects were retrieved from two separate features. These were three ceramic marbles, a porcelain figurine fragment retrieved from deposit (142) and a gaming counter fashioned from a pot sherd from deposit (119). All are of 18th or 19th-century date.

Ceramic building material

The ceramic building material assemblage amounted to 11 sherds (251g) from two separate features. The earliest of these was a sherd of Delft tile from irregular cut [140]. It had blue-painted decoration but was too fragmentary and damaged to ascertain any details of the design. Its 7mm thickness suggests a date in the 18th century is most likely (van Lemmen 1998, 29).

Other finds were later and included nine sherds of identical white-glazed wall tiles, all from deposit (142), and a sherd of salt-glazed drain pipe sherd from the same context.

Building material

Sherds of asphalt amounting to 605g were retrieved from deposit (142), likely indicating a modern road surface.

Discussion

The assemblage represents a large collection of domestic waste and building remains deposited, predominantly in the later 19th century or earlier 20th century. The material includes various residual sherds of 18th-century material, and a handful of sherds of 16th and 17th-century pottery and clay pipe. The building remains of tiles and window glass are mostly concentrated in deposit (142) suggesting that this material included local demolition waste as well as domestic material.

Recommendations for further work

No further work is recommended for this material. The early post-medieval material is too little and all residual and further study would not add to the existing sum of knowledge of this period. The modern material is all of commonly found types and is of no further archaeological value.

Recommendations for archive

The finds should be declared to Treasure Trove. They are of no further archaeological value.

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Finds catalogue

Area	Trench	Context	SF	Qty	Wgt (g)	Material	Object	Description	Spot Date
A	P1	119	3	2	106	Glass	bottle	one small colourless pot, green bottle neck fragment	19th-20th
A	P1	119	4	4	8	Pottery (Mod)	Pearlware	hand-painted (earth colours)	1790-1830
A	P1	119	4	6	25	Pottery (Mod)	Creamware	small sherds	1760-1830
A	P1	119	4	5	44	Pottery (Mod)	Modern Refined/Coloured Earthenware	yellow, Rockingham, unusual painted & rusticated redware	1840-present
A	P1	119	4	1	97	Pottery (Mod)	Modern Red Earthenware	flower pot base	1700-1900
A	P1	119	4	21	329	Pottery (Mod)	Modern Whiteware	blue transfer print, spongeware	1830-1940
A	P1	119	4	2	9	Pottery (Mod)	European Porcelain	including sprigged	1820-1930
A	P1	119	5	1	8	Ceramic	gaming counter	made from modern slip-lined red earthenware sherd, crudely rounded, sanded edges, dia c30-35mm	L18th-19th
A	103	100	9	11	50	Pottery (Mod)	Modern Whiteware	includes blue transfer-print, flow blue & yellow-glazed	1800-present
A	103	100	9	1	6	Pottery (Mod)	Creamware	rim	1760-1830
A	103	100	9	1	5	Pottery (Mod)	Pearlware	blue hand-painted ?sugar caster	1780-1840
A	103	100	9	2	111	Pottery (Mod)	Modern Red Earthenware	brown-glazed	1700-1900
A	103	100	10	3	6	Clay Pipe	stems	one wide bore and two narrow bore	17th-E18th, 19th-e20th
A	103	100	12	1	2	Glass	window	laminating	PM/Mod
A	103	100	12	4	89	Glass	bottle	three green, badly laminating, one light green, including base sherds	18th-19th/20th
A	104	100	14	1	5	Pottery (Mod)	Modern Whiteware	handle	1800-present
A	104	100	14	1	5	Pottery (Mod)	WSG	small sherd	1720-1800
A	104	100	15	1	2	Glass	window	colourless	Mod?
A	104	100	15	1	3	Glass	bottle	colourless	Mod
A	102	100	16	2	5	Glass	bottle	one green laminating sherd, one colourless	18th-present
A	102	100	17	1	31	Pottery (Mod)	Modern Red Earthenware	slip-lined	1700-1900
A	102	100	17	1	15	Pottery (PM)	Weser Slipware	dish rim sherd	1590-1620
A	102	100	17	1	1	Pottery (Mod)	Creamware	small sherd	1760-1830
A	102	100	17	1	16	Pottery (PM)	PMR	jug sherd, glassy olive glaze on ext, smooth hard-fired fabric	17th/18th
A	101	100	20	4	12	Pottery (Mod)	Modern Whiteware	includes Willow & spongeware	1800-present
A	101	100	21	2	16	Glass	bottle	one colourless sherd 'EDI[NBURGH?]', one brown sherd	19th-20th
A	105	100	23	2	22	Pottery (Mod)	Modern Whiteware	includes blue transfer-print	1800-present
A, PT1	P9	123	24	1	9	Pottery (Mod)	Modern Refined/Coloured	Rockingham	1840-present

Area	Trench	Context	SF	Qty	Wgt (g)	Material	Object	Description	Spot Date
							Earthenware		
A, PT1	P9	123	26	1	2	Glass	bottle	green	19th-present
A	P3	119	27	1	3	Clay Pipe	stem	narrow bore	19th-e20th
A	P3	119	28	4	134	Pottery (Mod)	Modern Stoneware	includes the rim of a ?blackening bottle	1750-present
A	P3	119	28	1	1	Pottery (Mod)	European Porcelain	small sherd, pink print	1750-present
A	P3	119	28	1	165	Pottery (Mod)	Modern Red Earthenware	slip-lined	1700-1900
A	P3	119	28	1	57	Pottery (Mod)	Modern Refined/Coloured Earthenware	Rockingham, teapot lid	1840-present
A	P3	119	28	1	12	Pottery (Mod)	Modern Whiteware	small sherd	1800-present
A	P3	119	29	2	333	Glass	bottle & jar	one colourless medicine(?) bottle, embossed with '2' on base; one brown jar, laminating, embossed '2836' 'CTC' on base	19th/20th
A	Slot 1	141	30	4	12	Clay Pipe	stems	one stem tamped 'THO WHITE & CO/ EDINBURGH (Thomas White 1823-1882, Davey p350), narrow bore	19th-e20th (Thomas White 1823-1882)
A	Slot 1	141	33	6	117	Glass	bottle	two brown, embossed 'ED[INBURGH?]', one green, three colourless	19th/20th
A	Slot 1	141	34	11	122	Pottery (Mod)	Modern Red Earthenware	includes brown, black, slip-lined, green mottles	1700-1900
A	Slot 1	141	34	1	32	Pottery (Mod)	Modern Stoneware	medium sherd	1750-present
A	Slot 1	141	34	1	34	Pottery (PM)	Westerwald Stoneware	incised & blue-painted design, part of jug neck and shoulder	1600-1800
A	Slot 1	141	34	4	15	Pottery (Mod)	Pearlware	includes shell-edged, hand painted (earth colours)	1780-1840
A	Slot 1	141	34	4	32	Pottery (Mod)	Modern Refined/Coloured Earthenware	including blue, brown, Rockingham	1840-present
A	Slot 1	141	34	11	68	Pottery (Mod)	Creamware	including cauliflower	1760-1840
A	Slot 1	141	34	13	43	Pottery (Mod)	Modern Whiteware	included blue transfer print, willow, sponge & various; one sherd is printed on the bottom '-ey/- CHINA/-AND/- 875'	1800-present
A, DT2, 3 & 4	DT4	158	35	2	23	Pottery (Mod)	Modern Stoneware	tan glaze	1750-present
A, DT2, 3 & 4	DT4	158	35	11	105	Pottery (Mod)	Modern Whiteware	jar	1800-present
A	-	150	36	2	13	Pottery (PM)	PMR	jug sherd, poss jar sherd, sandy fabric	16th
A	Slot 1	142	38	3	52	Glass	bottle	one blue sherd, one colourless textured glass fragment, one colourless embossed with '???OOD?? R ???'	19th/20th
A	Slot 1	142	40	17	66	Pottery (Mod)	Modern Whiteware	includes blue transfer print, brown transfer print, slip-banded	1800-present

Area	Trench	Context	SF	Qty	Wgt (g)	Material	Object	Description	Spot Date
A	Slot 1	142	40	2	6	Pottery (Mod)	European Porcelain	includes sprigged	1820-present
A	Slot 1	142	40	1	6	Ceramic	marble	buff, glazed, broken in half	19th-M20th
A	Slot 1	142	40	1	48	CBM	drain pipe	salt-glazed	19th-20th
A	Slot 1	142	43	1	1	Pottery (Mod)	Modern Whiteware	blue transfer-print	1800-present
A	Slot 1	142	43	1	16	Pottery (Mod)	Modern Red Earthenware	medium sherd	1700-1900
A	-	135	44	1	34	Pottery (PM)	PMR	large jar rim sherd, patchy glaze int & ext	17th/18th
A	DT1	151	45	2	4	Pottery (Mod)	Pearlware	blue hand-painted	1780-1840
A	DT1	151	45	1	1	Pottery (Mod)	European Porcelain	hand-painted	1750-present
A	DT1	151	45	8	74	Pottery (Mod)	Modern Whiteware	includes willow & spongeware	1800-present
A	DT1	151	45	1	4	Pottery (Mod)	Modern Red Earthenware	slip-lined & green mottled	1700-1900
A	DT1	151	45	1	2	Pottery (Mod)	Creamware	ribbed	1760-1830
B	Lift Shaft	129	46	1	265	Pottery (Mod)	Modern Stoneware	white-glazed, large ?chamber pot sherd	1800-present
B	Lift Shaft	131	47	1	1	Pottery (Mod)	Modern Whiteware	blue transfer-print	1800-present
B	Lift Shaft	130	48	1	17	Pottery (Mod)	Modern Whiteware	medium sherd	1800-present
A	-	154	53	7	17	Pottery (Mod)	Modern Whiteware	including spongeware	1800-present
A	P2	119	54	1	5	Pottery (Mod)	European Porcelain	rim	1750-present
A	P2	119	54	1	0	Pottery (Mod)	Modern Whiteware	brown transfer print	1800-present
A	P2	119	54	1	14	Pottery (Mod)	Pearlware	hand-painted (earth colours)	1780-1840
A	-	101	56	3	109	Pottery (Mod)	Modern Red Earthenware	includes brown-glazed, slip-lined	1700-1900
A	-	101	56	2	3	Pottery (Mod)	Modern Whiteware	includes late shell-edged	1800-present
A	-	101	57	1	4	Glass	window	laminating	PM/Mod
A	-	101	58	1	5	Clay Pipe	stem/bowl	spur intact, narrow bore	19th-e20th
A	East	142	59	1	17	Pottery (Mod)	Modern Stoneware	small sherd	1750-present
A	East	142	59	4	106	CBM	wall tile	white-glazed	19th-20th
A	East	142	59	3	20	Pottery (Mod)	Modern Whiteware	includes grey transfer print and spongeware	1800-present
A	-	135	62	1	8	Pottery (PM)	PMR	jug sherd, olive glaze ext, smooth fabric	17th/18th
A, DT2, 3 & 4	DT3	158	64	2	31	Pottery (Mod)	Modern Whiteware	rim and body sherd, fits together	1800-present
A	DT1	151	65	2	120	Glass	bottle	one green bottle base embossed with 'McEw[AN] [ED]INBURGH' and a hot air balloon surrounded by 'TR[ADEM]ARK; one colourless sherd embossed 'SELBY'	19th/20th

Area	Trench	Context	SF	Qty	Wgt (g)	Material	Object	Description	Spot Date
A	DT1	151	67	2	56	Pottery (Mod)	Modern Refined/Coloured Earthenware	Rockingham	1840-present
A	DT1	151	67	2	173	Pottery (Mod)	Modern Red Earthenware	slip-lined	1700-1900
A	DT1	151	67	9	53	Pottery (Mod)	Modern Whiteware	includes blue transfer print, spongeware & lustre-glazed	1800-present
A	West	142	68	1	4	Pottery (PM)	PMR	jar sherd, internally glazed, external soot	16th
A	West	142	68	3	72	Pottery (Mod)	Modern Red Earthenware	slip-lined with green mottles	M18th
A	DT1	142	69	2	5	Clay Pipe	stems	one stem with brownish yellow glaze fragments, narrow bore	19th-e20th
A	DT1	142	70	8	91	Pottery (Mod)	Modern Whiteware	includes slip-banded (engine-turned), willow & brown transfer-print	1800-present
A	DT1	142	70	2	40	Pottery (Mod)	Modern Red Earthenware	brown-glazed, slip-lined & brown mottle	1700-1900
A	DT1	142	70	1	8	Pottery (Mod)	European Porcelain	hand-painted	1750-present
A	DT1	142	70	3	20	Pottery (Mod)	Pearlware	includes blue shell-edged, green shell-edged, hand-painted (earth colours)	1780-1840
A	DT2	142	73	3	7	Clay Pipe	bowl & stems	bowl has embossed vertical stripe design; one stem stamped 'ARTISANS'/'W SWANEY' (William Swaney, 1876-89, Davey p349)	19th-e20th (William Swaney 1876-89)
A	DT2	142	75	15	419	Glass	bottle	7 green, 4 blue, 4 colourless; two green base sherds embossed with 'J&W HARDIE, EDINBURGH' (1857-present), two colourless base sherds embossed with 'JD'/'[ED]INBU[RGH]'	19th/20th (J&W Hardie 1857+)
A	DT2	142	79	47	278	Pottery (Mod)	Modern Whiteware	includes blue transfer print, spongeware, slip-banded & coloured transfer print, one sherd reads 'J&M - '/TRADE'-	1800-present
A	DT2	142	79	2	108	Pottery (Mod)	Modern Stoneware	small to large sherds, one sherd with 'PUR-' in ribbon on transfer print	1750-present
A	DT2	142	79	2	18	Pottery (Mod)	Modern Refined/Coloured Earthenware	Rockingham	1840-present
A	DT2	142	79	1	3	Pottery (Mod)	European Porcelain	small sherd	1750-present
A	DT2	142	79	4	7	Pottery (Mod)	Creamware	small sherds	1760-1830
A	DT2	142	79	4	109	Pottery (Mod)	Modern Red Earthenware	includes brown-glazed, slip-lined	1700-1900
A	DT2	142	79	3	38	Pottery (Mod)	Pearlware	shell-edged	1780-1840
A	140	139	80	1	1	Pottery (Mod)	European Porcelain	small sherd	1750-present
A	140	139	80	29	68	Pottery (Mod)	Modern Whiteware	blue transfer-print, spongeware, slip-banded (lathe-turned), red transfer-print	1800-1850
A	140	139	80	1	3	Pottery (Mod)	WSG	small sherd	1720-1800
A	140	139	80	1	3	CBM	Delft Tile	fragment, blue-painted, damaged/burnt	18th-19th
A	140	139	80	4	18	Pottery (PM)	Chinese Porcelain	blue hand-painted	1680+
A	140	139	80	21	536	Pottery (Mod)	Modern Whiteware	sherds making up about 1/2 a plain chamber pot	1800-present

Area	Trench	Context	SF	Qty	Wgt (g)	Material	Object	Description	Spot Date
A	140	139	80	5	21	Pottery (Mod)	Pearlware	shell-edged bowl, hand-painted (earth colours)	1790-1830
A	140	139	80	2	146	Pottery (Mod)	Modern Stoneware	including complete inkwell & sherd of J. BOURNE bottle	1750-present
A	140	139	80	13	130	Pottery (Mod)	Modern Red Earthenware	brown-glazed, black-glazed, slip-lined, slip-lined & mottled	1750-1900
A	140	139	80	40	188	Pottery (Mod)	Creamware	small to medium sherds	1760-1830
A	140	139	80	1	11	Pottery (Mod)	Modern Refined/Coloured Earthenware	Rockingham moulded teapot rim	1840-present
A	140	139	83	2	3	Glass	window	laminating	18th-19th
A	140	139	83	2	11	Glass	bottle	one colourless, laminating, one green	18th/19th
A	140	139	85	4	8	Clay Pipe	stems	narrow bore	19th-e20th
A	DT4	142	87	1	8	Glass	marble	natural coloured plain glass marble, probably a bottle stopper	19th/20th
A	DT4	142	87	10	439	Glass	window	colourless, two sherds much thicker, three sherds reinforced	19th/present
A	DT4	142	87	20	456	Glass	bottle	15x colourless sherds, one embossed 'EDINBURG[H]', one embossed '-OTT -- ?MEJOR', some laminating; 2x green sherds, one embossed "WORLD FAME[D] LAVENDER WATER"; 2x brown sherds, one embossed 'ALLEN & -'; 1x dark green sherd embossed '- OPE- O[F] -'	19th/20th
A	DT4	142	88	1	1	Pottery (PM)	Chinese Porcelain	blue hand-painted	1680+
A	DT4	142	88	27	588	Pottery (Mod)	Modern Stoneware	various bottles & jars	1750-present
A	DT4	142	88	9	21	Glass	jar	opaque white glass jar(s)	19th/20th
A	DT4	142	88	2	21	Ceramic	marbles	buff, glazed	19th-M20th
A	DT4	142	88	4	69	CBM	wall tile	white-glazed	19th-20th
A	DT4	142	88	4	20	Pottery (Mod)	European Porcelain	small sherds	1750-present
A	DT4	142	88	21	168	Pottery (Mod)	Modern Whiteware	including blue transfer print, brown transfer print, hand-coloured, spongeware	1840-1900
A	DT4	142	88	11	162	Pottery (Mod)	Modern Red Earthenware	black-glazed, brown-glazed, slip-lined	1700-1900
A	DT4	142	88	2	73	Pottery (Mod)	Modern Refined/Coloured Earthenware	Rockingham	1840-present
A	DT3	142	90	1	60	Glass	window	reinforced glass, colourless, reinforced	20th/present
A	DT3	142	90	43	1050	Glass	bottle	20x colourless, one bottle embossed 'BO[WA]CK BROS/TRADEMARK/EDINBURGH' (trademark within horseshoe), one sherd embossed '-R-'; 4x light green, some laminating; 19x dark green sherds, 2x sherds 'TRAD[EMARK] ED[INBURGH]', one sherd '-IN M MARK'	19th/20th
A	DT3	142	91	1	14	Pottery (PM)	PMR	jug neck sherd, incised diagonal slashed decoration, smooth fabric	16th/17th
A	DT3	142	91	1	2	Pottery (Mod)	European Porcelain	small sherd	1750-present
A	DT3	142	91	1	3	Pottery	Modern	Rockingham	1840-

Area	Trench	Context	SF	Qty	Wgt (g)	Material	Object	Description	Spot Date
						(Mod)	Refined/Coloured Earthenware		present
A	DT3	142	91	2	16	Pottery (Mod)	Modern Stoneware	small sherds	1750-present
A	DT3	142	91	2	7	Pottery (Mod)	Modern Red Earthenware	unglazed sherds	1700-1900
A	DT3	142	91	11	83	Pottery (Mod)	Modern Whiteware	including spongeware	1800-present
A	DT3	142	91	1	25	CBM	wall tile	white-glazed	19th-20th
A	DT3	142	91	1	10	Ceramic	figurine	porcelain figure base sherd, ?part of tree?	18th-present
A	DT3	142	92	1	1	Clay Pipe	stem	narrow bore	19th-e20th
A	DT3	142	98	8	605	Building Material	asphalt	fragments of road surface	19th-present
-	-	unstrat	100	10	33	Clay Pipe	bowl & stems	two bowl sherds & 9 narrow bore stems; one complete bowl stamped TW surrounded by an oval (Thomas White); one stem with green glazing, one stem with small fragment of green-yellow glazing, one stem stamped 'THO WHITE & Co/EDINBURGH (Thomas White 1823-1882, Davey p350), one claw-footed stem	19th-e20th (Thomas White 1823-1882)
-	-	unstrat	101	99	967	Pottery (Mod)	Modern Whiteware	including blue transfer print, willow pattern, brown transfer print, green transfer print, flow blue spongeware, hand-coloured	1780-1900
-	-	unstrat	101	26	795	Pottery (Mod)	Modern Red Earthenware	including brown-glazed, black-glazed, slip-lined, slip-lined with brown & green mottles	1750-1900
-	-	unstrat	101	11	72	Pottery (Mod)	Creamware	moulded	1770-1830
-	-	unstrat	101	1	2	Clay Pipe	bowl	sherd with part of moulded ?shield design including lettering 'LOV-', 'TRE-'	19th-E20th
-	-	unstrat	101	9	47	Pottery (Mod)	Pearlware	including shell-edged, hand-painted (blue & earth colours)	1780-1830
-	-	unstrat	101	11	181	Pottery (Mod)	Modern Refined/Coloured Earthenware	including yellow-banded, blue, Rockingham, lustre	1840-1900
-	-	unstrat	101	7	48	Pottery (PM)	Chinese Porcelain	blue hand-painted	1680+
-	-	unstrat	101	2	21	Pottery (PM)	PMR	large jar sherd, olive-glazed on both sides (17th/18th); small sherd, ext glaze, sandy fabric (16th)	16th-17th/18th
-	-	unstrat	101	6	38	Pottery (Mod)	European Porcelain	blue transfer print, hand-painted oven glaze	1750-present
-	-	unstrat	101	2	24	Pottery (PM)	TGE	tin-glazed both sides. blue-painted, bowl sherd and possible drug jar rim	L17th/18th
-	-	unstrat	101	9	514	Pottery (Mod)	Modern Stoneware	hot water bottle, various bottles & jars	1750-present
-	-	unstrat	103	5	939	Glass	bottle	1x milk 'THE PROPERTY OF, E&D Co Ltd, EDINBURGH' 'BY APPOINTMENT OF THE LATE KING GEORGE V' (with seal of George V); 1x 'BISURATED MAGNESIA TABLETS'; 1x 'DK KELLEY & Co Ltd, LEITH'; 1x plain green bottle; 1x brown sherd	19th-20th (milk bottle 1936+)

<i>Area</i>	<i>Trench</i>	<i>Context</i>	<i>SF</i>	<i>Qty</i>	<i>Wgt (g)</i>	<i>Material</i>	<i>Object</i>	<i>Description</i>	<i>Spot Date</i>
								'[ED]INBU[RGH]'	