



**The 'Big Dig at Paisley Abbey Drain 2019'.
Archaeological Excavation
Data Structure Report
Project 4965**

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On behalf of: Renfrewshire Council

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*This document has been prepared in accordance
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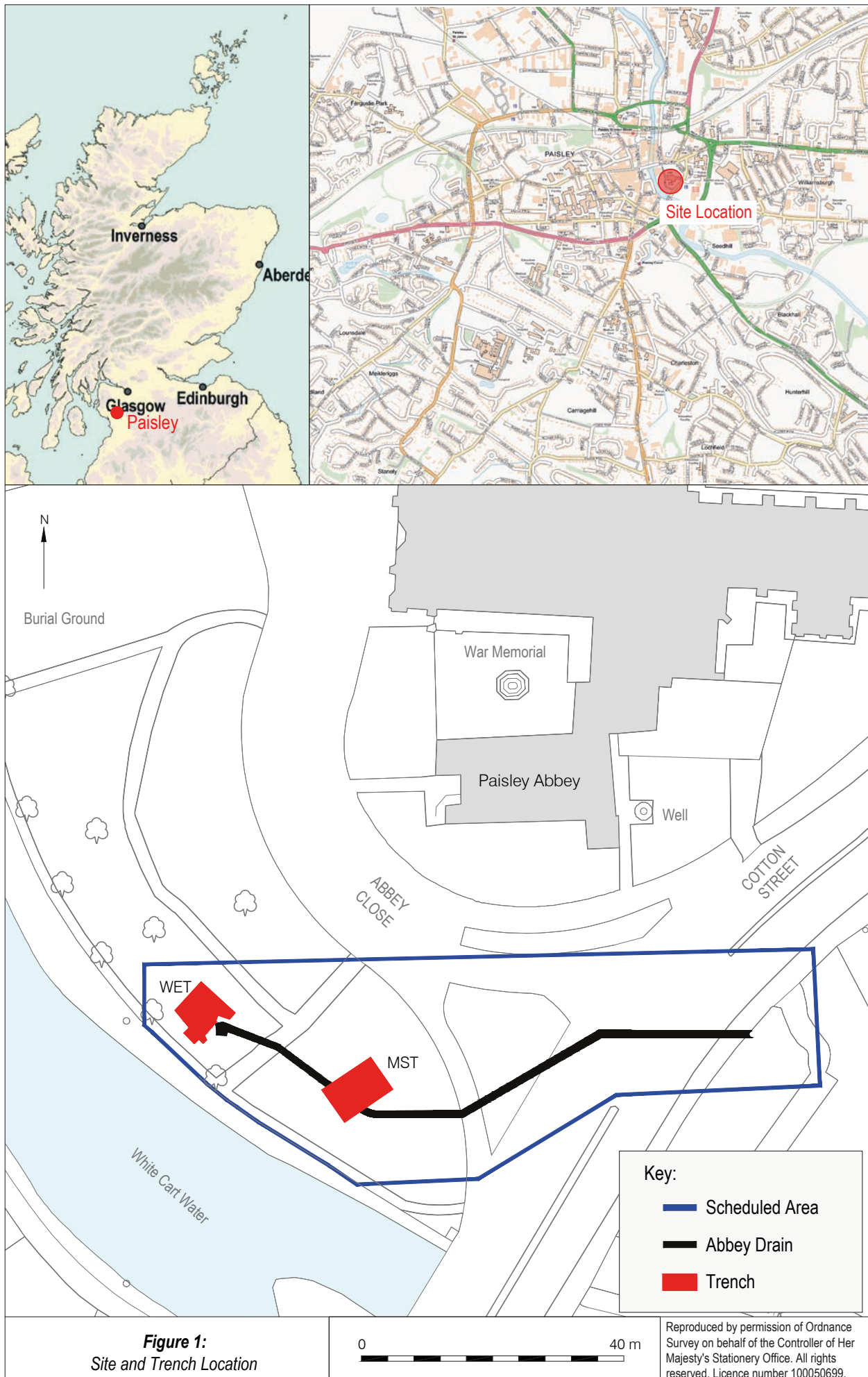
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1. Executive Summary

1.1 The Big Dig at Paisley Abbey Drain was undertaken by GUARD Archaeology Ltd with the support of Renfrewshire Council, the National Lottery Heritage Fund (NLHF), Historic Environment Scotland and Paisley Abbey. The archaeological investigations took place from 21 May to 19 July 2019, Monday to Friday with the excavations open to volunteers and members of the public from 10am until 4pm each day. In addition, the excavation was also open on Saturday 29 June. The aim of the project was to uncover elements that relate to the monastery that would have surrounded the Abbey, the use and construction of the Drain, the post-medieval use of the area and to investigate how this relates to the later development of Paisley. The overall aim of the project was to investigate ways of providing easier public access to the Abbey Drain in the future. The work was achieved with the help of volunteers from the Renfrewshire Local History Forum, other local organisations, and from the local community. Without their help, the project would not have been able to achieve the results that it did. Over the course of the project, 59 volunteers were able to get involved and learn about archaeology and heritage under the supervision of experienced archaeologists from GUARD Archaeology Ltd.

1.2 The Big Dig involved the hand excavation of two trenches which revealed significant archaeological information about the Abbey Drain:

- Middle Section Trench (MST): this trench was located in the middle section of the Abbey Drain. The stone roof slabs of the Drain were exposed at the exact junction where it has been repaired in 1912 with the installation of a concrete roof to replace the original medieval roof that had collapsed;
- Western End Trench (WET): this trench was located at the western terminus of the Drain where it was thought to reach the River Cart. The investigations uncovered the exit of the Abbey Drain, the remnants of the precinct wall of the Abbey, and part of a later stone drain.

1.3 As part of the Big Dig, a series of workshops and talks were organised to provide information and archaeological training in relation to the Abbey, the Drain, and the archaeology and heritage of Paisley. As well as informal site tours given to visitors, a short talk and site tour was undertaken each Friday to discuss progress and the results of the excavation. Three workshops and two lunchtime talks were arranged in the North Transept of Paisley Abbey

- 'Human remains and archaeology' with Iraia Arabaolaza from GUARD Archaeology Ltd, on Wednesday 26 June;
- 'Artefacts and the Abbey Drain' with Bob Will from GUARD Archaeology Ltd, on Saturday 29 June;
- Plant remains and archaeology' with Dr Susan Ramsay.

119 primary school children from 3 schools from the local area also visited the site and took part in the excavation along with workshops on site and in the Abbey relating to archaeology and the history of the Abbey and the town of Paisley.

1.4 Over the course of the Big Dig the investigations received nearly 8,000 visitors.

1.5 The 'Big Dig' Project at Paisley Abbey 2019 was grant aided by the National Lottery Heritage Fund, Historic Environment Scotland and Renfrewshire Council.

2. Introduction

2.1 This report sets out the results of the 'Big Dig', an archaeological excavation undertaken by GUARD Archaeology Ltd, in collaboration with and supported by Renfrewshire Council, the National Lottery Heritage Fund (NLHF), Historic Environment Scotland and Paisley Abbey. The Big Dig took place in the park and garden located south-west of Paisley Abbey (Figure 1). The

work was undertaken between 21st May and 19 July 2019. The project investigated elements that relate to the monastic precinct associated with the Abbey, the use and construction of the Drain, and the post-medieval use of the area and how this relates to the later development of Paisley.



Plate 1: General view of site

3. Site Location, Topography and Geology

- 3.1 Two trenches were located in a small grassed municipal park and garden to the south of Paisley Abbey next to the River Cart (NGR: NS4849 6388). The present banks of the River Cart are retained by a stone wall with iron railings, a footpath next to the wall, and then a row of trees and grass beyond. It is thought that the present retaining wall replaced an earlier wall and that the original river bank was further east, in ground that has now been built up behind the latest retaining wall. In addition, a major modern sewage pipe was inserted next to the retaining wall.
- 3.2 The West End trench (WET), was located next to the river by the existing access to the Abbey Drain and the Middle Section Trench (MST) was situated in a triangular grassy area close to the eastern entrance to the park.
- 3.3 The underlying drift geology is Raised Tidal Flat Deposits, Late Devensian – gravel, sand and silt, while the solid geology consists of Lower Limestone Formation - Sedimentary Rock Cycles, Clackmannan Group Type (British Geological Survey Map Viewer: <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>).

4. Cultural and Heritage Led Regeneration

- 4.1 Renfrewshire Council is currently taking forward a set of ambitious and exciting plans designed to transform the area's future by using Paisley's internationally-significant heritage and cultural assets. The aim of this is to understand and value Paisley's unique heritage which in turn will draw people together, strengthen community capacity and play an important role in the economic regeneration of the town centre. The historic assets, together with more contemporary cultural activities, such as sculpture and performance arts, hold the potential to attract additional visitors and will form a route to regenerate and revitalise the town centre. Paisley's rich heritage is centred on Paisley Abbey, the Abbey Drain, the Town Hall and River Cart, which together form the Abbey and River Precinct. Further information is available in *Paisley: The Untold Story*, (Paisley Town Centre Heritage Asset Strategy) which was unveiled in summer 2014 (<http://www.renfrewshire.gov.uk/article/3485/Paisley-The-Untold-Story>) and also in Paisley Town Centre Action Plan 2016 - 2026 (<http://www.renfrewshire.gov.uk/article/4517/Paisley-Town-Centre-Action-Plan-2016-2026>).
- 4.2 As a first stage in September 2017, the HLF funded 'Wee Dig' was a community focussed archaeological dig around the Abbey Drain site which led on to the 'Big Dig'.
- 4.3 The 'Big Dig' enabled local groups, volunteers and school children as well as visitors to the

area to find out more about the heritage and history of the town and Abbey, and to take part in an excavation. The aim was to encourage people to get involved in archaeology and to learn about the skills and techniques involved in archaeological excavation.

- 4.4 GUARD Archaeology Ltd staff, Renfrewshire Council, Renfrewshire Local History Forum members and Paisley Abbey worked together to arrange a series of lunch time talks, seminars, workshops and archaeology-based activities; suitable for school children. These covered different aspects including artefacts that were recovered from the medieval drain. Site tours, information boards, posters, leaflets, exististing DVDS of previous work undertaken in the drain were all used. The activities were suitable for all ages, abilities and included school visits.
- 4.5 Social media outlets were used to promote and explain different aspects of archaeology and to provide updates and progress reports on the excavations, as well as providing information and training on how technology is used in archaeology.



Figure 2: Pont's map produced between 1583-1614 not long after the Abbey tower collapsed

5. Archaeological Background

- 5.1 The Cluniac Abbey of Paisley was founded as a priory at its present location the late 1160s and became an abbey in 1219. The Abbey and its estates were one of the richest Cluniac foundations in the country but the Abbey suffered during the Wars of Independence and burned down in 1307. It underwent an ambitious building programme in the 1450s under the direction of the Abbot Thomas Tervas. The tower collapsed into the choir in the 1550s before further disturbances and damage occurred during the Reformation in 1561 after this the Abbey transferred into private hands. Much of the Abbey as it survives today is the result of various renovations and re-buildings from the 19th century, using the surviving walls and foundations, although the nave is largely original.
- 5.2 Only the Abbey church and part of the cloistral ranges remain today, but it would have stood at the heart of the monastic precinct that enclosed the area next to the River Cart. The layout of monasteries was fairly standardised but varied, depending on the local topography and available land. The River Cart, to the south would have formed a natural boundary to the Abbey plan. Crossraguel Abbey in Ayrshire was the daughter house of Paisley, and here the monastic precinct survives intact, and it may provide a model for the layout at Paisley. At Crossraguel, the Abbey lay to the north, with the Abbot's house to the east, and various buildings to the south and west.

- 5.3 In recent years, a number of small-scale archaeological investigations have taken place around the Abbey and Drain. In 1991, five small trenches were excavated to the south of the Abbey, three round the well to the south of the south transept and east of the 'Place' (remains of the east range), one long thin trench to the south of the 'Place' and one further to the south in the grassed area leading to the river (McBrien 1991). The trench in the grassed area, closest to the Drain, was excavated to a depth of 1.9 m and uncovered mainly 19th and 20th century demolition and landscaping material. Recent work outside the 'Place' has uncovered remains and foundations of the demolished west range (Addyman). An archaeological watching brief undertaken in 1994, approximately 25 m to the northwest of the modern entrance to the Drain, during the construction of a large and deep sewer that went under the River Cart, uncovered the remains of a stone-built platform and revetment; possibly a jetty or wharf behind the present retaining walls along the river bank. These deposits were over 2.5 m below the present ground level (Neighbour 1994).
- 5.4 In 2009, a new phase of investigations was undertaken that were instigated and supported by Renfrewshire Council, and timed to coincide with 'Doors Open Day'. In 2009 one trench was excavated at the access manhole at the west end of the Drain which uncovered part of the roof and a north facing wall of the Drain, a possible wall relating to the monastery, and later nineteenth century foundations (Will 2009). During 2010 and 2011, two more trenches were excavated, one located on the line of the drain to the east of the modern access which uncovered a large wall foundation, and a cobbled surface approximately 1.6 m below ground level. The second trench to the north of the drain uncovered a possible oven or well (Will 2010 & 2011). Trenching further to the west in 2015 uncovered sections of walls and foundations from the nineteenth century tenements that had occupied the site, along with a possible medieval wall, and a large number of fragments from medieval ceramic roof tiles; some of which were partially glazed (Will 2015).
- 5.5 In 2012, Renfrewshire Local History Forum commissioned a ground penetrating radar survey (GPR) of the scheduled area and the area to the south of the 'Place' (Jones R and Cuenca-García C 2012). The results of the GPR survey suggest that the Drain may have originally continued to the south in a straight line and that there may have been other smaller drains that joined the main Drain, or that the present Drain may have originally been two drains that converged further to the south.
- 5.6 The major archaeological discoveries relate to the Drain itself, when it was re-discovered in 1990-92 (Malden 2000). At this time a large amount of silt was mechanically removed from the drain and carefully sieved for artefacts. During this operation, a huge number and variety of artefacts were recovered including pottery, animal bone, lead seals, bone objects and a variety of other objects and materials. In addition, a small excavation was carried out inside the drain further to the east where it was much smaller and completely silted up. Here, it was possible to determine that there were securely stratified deposits within the Drain which contained artefacts and important botanical remains (Johnston & Driscoll 1991). Subsequent analysis of the botanical remains has recovered a wide range of both food and medicinal plants (Dickson 2000). Following the archaeological work inside the Drain in 1990-92, the Royal Commission of Ancient and Historical Monuments of Scotland (RCAHMS, now Historic Environment Scotland), completed an internal survey of the Drain, which noted changes in direction, differences in build and identified several features including feeder drains at roof level and a possible medieval manhole (Figure 3).
- 5.7 In recognition of the national significance and importance of the Drain, the Drain and the immediate surrounding area has been brought under the protection of Historic Environment Scotland as a Scheduled Ancient Monument (SAM number 8078).

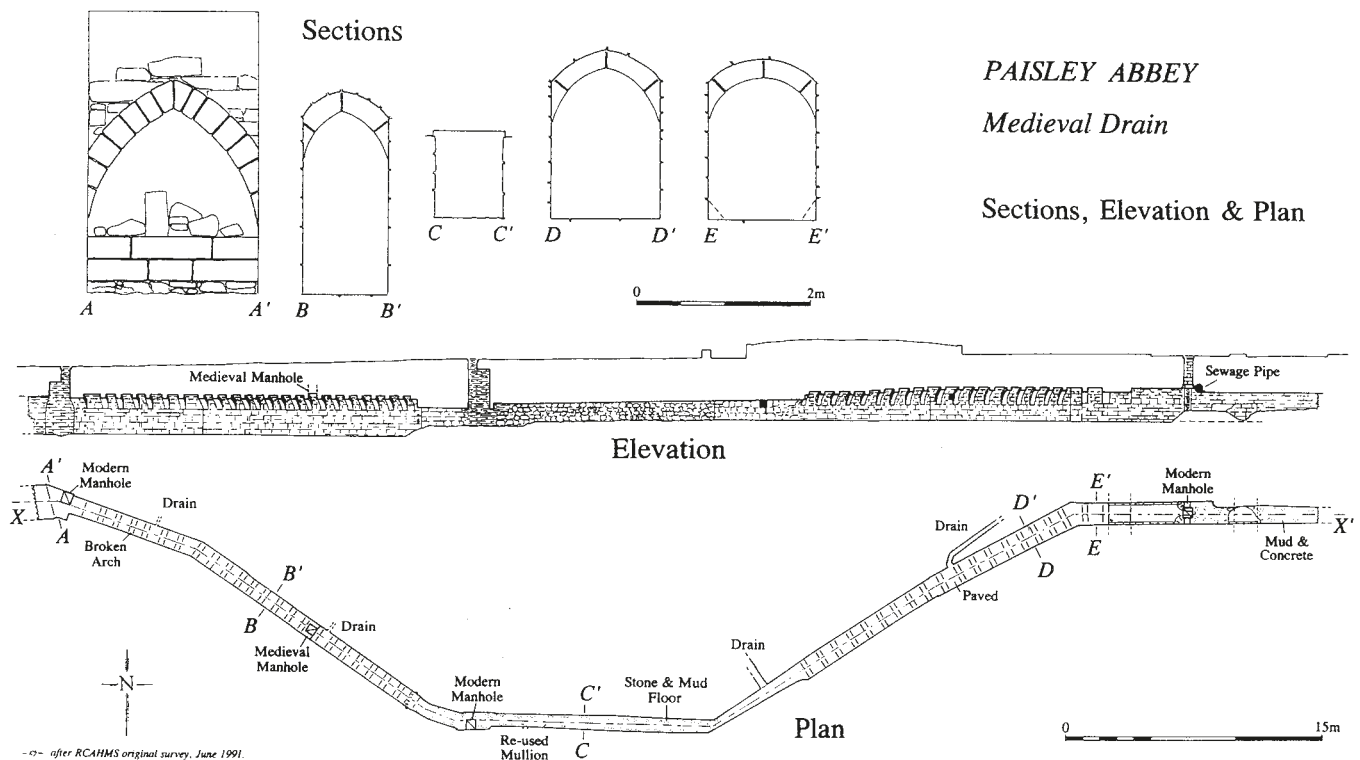


Figure 3: Plan of Abbey Drain from RCAHMS Survey

6. Trial Trenching (2009-2017)

6.1 West End of the Drain (2009)

- 6.1.1** The excavation in 2009 (Will 2009) at the west end of the drain by the access manhole opened up a trench 8 m by 6 m to the west and north of the manhole, but away from the footpath and trees. The trench was initially excavated by machine to remove the overburden next to the manhole, and then by hand. The results were mixed as at the northern side, nineteenth or twentieth century structural remains were uncovered at a depth of between 0.3–0.5 m which consisted of stone-built walls. Further west there were deep deposits of modern levelling and landscaping up to 1 m deep. The brick access manhole was built on a large concrete base that was reinforced with iron bars and lay directly over the flat roof of the drain. The Drain is approximately 0.65 m below ground level and extended for approximately 1 m beyond the manhole. The exterior bricks of the manhole were not exposed (the concrete visible on the inside of the drain down to floor level was not exposed on the exterior during the excavation). Due to the depth of deposits, the trench was stepped in by one metre at a depth of one metre. Therefore, only an area approximately 4 m by 2 m was excavated by the exterior of the drain (to the north and west of the manhole). In this central area, the exterior surface of the roof of the Drain was exposed, along with a possible outer wall face on the north side, which appears to have been rebuilt or re-enforced. Further to the north was a large deposit of masonry, which may be the core of a medieval wall (Figure 4). These features were recorded but not investigated further and a layer of geotextile was laid down before the trench was backfilled.

6.2 Medieval Manhole and Wall (2010)

- 6.2.1** A trench was excavated by hand in 2010 (Will 2010) to investigate the area where a possible medieval access manhole and side drain survived within the interior roof of the Drain. The trench 4 m by 2 m uncovered a deep deposit of modern landscaping material and debris up to 0.85 m deep that covered a footpath made with bitumen grit and cinders with brick edging that extended over the northern half of the trench. The footpath would appear to date to the

19th or early 20th century tenements. Excavation continued below the footpath to reveal the remains of a medieval stone-built wall (Plate 2). Excavation stopped at this point. As the wall appears to have been built over the top of the Drain, it was not possible to investigate the Drain, manhole or side drain.



Plate 2: Possible medieval wall from the south



Figure 4: 2009 Trench Plan at Western end of the drain

6.3 Medieval Wall, Cobbled Surface and Oven (2011)

6.3.1 In 2011, two trenches were excavated (Will and Ceci); one to expand the trench from 2010 to investigate the wall foundation, the other (further to the north), to investigate why the Drain changes direction, and does not follow a straight line. The trench (4 m by 4 m) to investigate the wall (discovered in 2010), was situated slightly to the south of the previous trench overlapped with it. As the work in 2010 had demonstrated that the upper 0.8 m consisted of modern disturbed material, a machine was used to remove the upper deposits before excavation continued by hand. Excavation revealed a substantial stone wall that ran at an angle, covering the eastern side of the trench. To the west of the wall, a cobbled surface was uncovered that seemed to respect the wall (Plate 3). Two sherds of imported German stoneware pottery were recovered from the layer above the cobbles which would date to the late medieval period.

6.3.2 The other trench was located 10 m to the north of the first trench and was 4 m by 4 m in size. A test pit excavated in 1991 (O'Brien) in this area had established that there was a deep deposit of modern landscaping material similar to that encountered in the recent trenching programme. As a result, the upper deposits were removed by machine and then excavation was by hand. Once the modern overburden was removed, a stone built circular structure was uncovered that may be an oven or possibly a well (Plate 4). The structure was 1.7 m in diameter and appeared to be made from slates. Excavation stopped at this point and the feature was not investigated. The oven or well could relate to buildings associated with the Abbey and would explain why the Drain changed direction if, for example, there was an existing building at that location when the Drain was built.



Plate 3: Medieval wall and cobbled surface from the west



Plate 4: Possible medieval oven or well from the east

6.4 The 'Wee Dig' 2017

6.4.1 In 2017, two trenches were excavated close to the second access manhole into the Drain (Will and Arabaolaza). The trenches were located partly to investigate possible anomalies identified from a GPR Survey that was undertaken in 2012 (Jones and Cuenca-García). In addition, in the Drain at this point, the roof had been replaced with a large concrete slab; presumably in the late 19th or early 20th century, although the extent of this is presently unknown.

6.4.2 The first trench was located approximately 10 m from the manhole and was 3 m by 3 m in size. Excavation was initially by machine and then by hand. Once the levelling and demolition material was removed, the excavation uncovered a stone-built feature next to the eastern baulk of the trench and a ceramic drain that runs across the middle of the trench. Excavation stopped at a depth of approximately one meter and the ceramic drain could represent the anomaly from the geophysical survey.

6.4.3 The second trench to the east and south of the manhole was 3 m by 3 m in size and the initial excavation was by machine (to remove modern landscaping) and then by hand. Excavation revealed a large masonry block, at a depth of 0.8 m, sitting on a cobbled surface. The cobbles or sets likely represent a surface associated with the 19th century tenements, and the masonry

block, which appears to be redeposited, could be from one of these buildings (Plates 5-6). The cobbles stopped in a straight line with the masonry at the edge, and this line may mark the cut for the access trench to build the concrete roof. Excavation stopped at this point.



Plate 5: Trench with nineteenth and early twentieth century remains from the south



Plate 6: Trench with nineteenth century cobbled surface and masonry from the north. The access manhole to the Drain is in the bottom right of the picture

6.5 Summary

6.5.1 The results of the trial trenching demonstrated that potential medieval building and structures associated with the Abbey do survive in the vicinity of the Drain, despite the later building and demolition of tenements and streets in this area. The trenches also show that to the east of the first access manhole, the modern landscaping and demolition deposits are approximately 0.8 – 1.0 m deep. This is reflected in the Historic Environment Scotland Scheduling document, where the upper 0.5 m is specifically excluded. In addition, the trenches also show that elements relating to the tenements also survive, ie. walls, foundations, paths, surfaces and drains.

7. Aims and Objectives

7.1 The aim of the archaeological excavation was to identify:

- unknown archaeological artefacts, features and deposits that may relate to the monastic precinct, that would have surrounded Paisley Abbey;
- the character, extent and significance of any archaeological deposits encountered in relation to the Abbey, the Drain and the later development of Paisley;
- the impact of recent building/demolition/landscaping on the structure of the Drain;
- future management and conservation requirements.

7.2 There are many more questions that relate to the construction of the Abbey, monastery and Drain that were also investigated during the excavation:

- What was the original ground level when the Drain was in use?
- Investigate the west end of the Drain and how it reaches the River Cart – was there a wharf?
- Investigate how the Drain was built, were there open ditch sections between the covered sections?
- Was the middle section with the concrete roof covered when it was built?
- Does the interior of the Drain reflect the monastic buildings or activities on the outside?

- Was the Drain built to be seen or was it always buried? Did the exterior of the Drain form the outer wall of the monastic precinct?
- Are modern activities impacting on the Drain and Abbey precinct?

8. Methodology

8.1 All work was conducted in line with the following standards and guidance of the Chartered Institute for Archaeologists (CIfA), of which GUARD Archaeology is a Registered Organisation:

- Standard and Guidance for Archaeological Excavation (Institute for Archaeologists 2001);
- Standard and Guidance for the Collection, Documentation, Conservation and Research of Archaeological Materials (Institute for Archaeologists 2001);
- Code of Conduct (Institute for Archaeologists 2000).

8.2 Two trenches were excavated by hand and the turf was removed and stacked on the footpath along the river wall and put back at the end of the excavation. A health and safety risk assessment and method statement were agreed before commencement of work with Renfrewshire Council safety department and up-dated during the project when required. The trenches, welfare unit and spoil heap were enclosed within a fenced compound. In addition the trenches were fenced off with orange mesh fencing and the grass around the trenches and paths between the trenches were protected using ground protection mats.

8.3 All significant archaeological features encountered were cleaned to determine their character and extent but not excavated. All on-site recording (written, drawn and photographic) was done to the standards normally pertaining in archaeological fieldwork and to CIfA standards. A full record of features was made using a single context recording system; using pro forma sheets, drawings and photographs. All archaeological features have been photographed and recorded at an appropriate scale. Sections were drawn at 1:10, and plans at 1:20 or 1:50 and all levels were related to the Ordnance Datum. All archaeological features were accurately surveyed and located within the National Grid.

8.4 Volunteers worked alongside professional experienced archaeologists in both trenches, where appropriate. One experienced archaeologist was in charge of five volunteers, to ensure that they were properly supervised and to get maximum benefit from learning the skills required for archaeological excavation. We worked closely with the Renfrewshire Local History Forum whose members formed the core of the volunteer team. Many of their members have worked on previous projects at the Abbey and Drain since 2009 and have also worked on a number of other community-based archaeology projects. Several are also members of the Association of Certificated Field Archaeologists (ACFA) who have completed the archaeology course at the Centre for Open Studies at the University of Glasgow. In addition, we worked with students at both undergraduate and post-graduate level, who have previous experience of archaeological excavation, and with students/volunteers with no previous experience.

9. Excavation and Community Engagement Programme

9.1 A key component of the project was to encourage people to get involved and to learn about archaeology and the skills and techniques involved in undertaking archaeological excavations. To achieve this several local groups were contacted in advance of the project beginning and encouraged to visit and take part. Schools within Paisley and further afield were also contacted in advance so that visits could be arranged. In addition, there was a publicity campaign using national and local media, radio and TV as well as newspapers to tell people about the project and to encourage people to come along and to take part.

- 9.2 To facilitate community engagement GUARD Archaeology, staff along with members of Renfrewshire Council and staff from Paisley Abbey arranged a series of workshops and hands-on events inside Paisley Abbey and at the excavation. These included artefacts that had been recovered from the Medieval Drain, an excavation sand box, recording and drawing exercises, a DVD on the Drain and earlier investigations, along with lunchtime talks and a quiz for schools.

Week beginning	20 May	27 May	3 June	10 June	17 June	24 June	1 July	8 July	15 July
Excavation	Start of excavation with Volunteers banner display Project induction	excavation with volunteers banner display	Excavation with volunteers, banner display	Excavation with volunteers banner display	Excavation with volunteers banner display	Excavation with volunteers banner display	Excavation with volunteers banner display	Excavation with volunteers banner display	Backfill using machine then re-turf with volunteers
Abbey	Press photo call and press release			Thursday School visits morning and afternoon	Thursday School visits morning and afternoon	Wednesday 1 st workshop Saturday 2 nd workshop and lunchtime talk		Thursday 3 rd and lunch time talk	
UWS Media Culture and Society	Filming & interviewing		Filming & interviewing	Filming & interviewing		Filming & interviewing	Filming & interviewing	Filming & interviewing	
Blog entries On Big Dig blog hosted by GUARD Archaeology	24 May	27 May	7 June	23 July	13 Sept				
Site tours	Weekly on Fridays at 12 noon and daily on ad hoc basis								



Plate 7: Part of the ongoing filming of the project



Plate 8 :Doors Open Day visitors to the Abbey Drain

Doors Open Day 2019

- 9.3 The Doors Open Day weekend in September was a key event for the Big Dig as it enabled members of the public to access the Abbey Drain, to hear about the results of the excavation and to see the films that were made about the investigations which were shown in the Abbey.

10. Result

10.1 From the results of previous work, it was known that elements of nineteenth or early twentieth century buildings did survive in the area along with the potential for eighteenth or even seventeenth century deposits or features. As a result, following consultation with Historic Environment Scotland and in line with Scheduled Monument Consent it was agreed that all excavation would be by hand.

10.2 The excavation consisted of two trenches, designated as MST and WET. Once the excavation started, both trenches were excavated at the same time with volunteers changing between trenches. The grass was lifted and stored on plastic on the path next to the river where it was watered during the course of the excavation and then re-laid when the trenches were back filled at the end. Due to the expected depth of the trenches, the trenches were stepped at a depth of approximately one metre. The results below should be read in conjunction with the fuller context descriptions listed in Appendix C. Samples, drawings and finds associated with archaeological investigations are listed respectively in Appendices D to F.

10.3 Middle Section Trench (MST)

10.3.1 The trench was situated to the west of a manhole, located in a triangular area of grass to the south-east of the municipal park and garden. It initially measured 6 m by 6m but was extended to 9 m north-east/south-west by 6 m north-west/south-east with the second access manhole to the Abbey Drain located 2.56 m from the east corner of the trench.

10.3.2 The topsoil (1001) was between 0.2 and 0.3 m thick and was removed to reveal a thin deposit of loose cinders and ash (1023) that covered all of the trench, and was up to 0.15 m thick. This layer overlay a firm mid-brown silty sand (1024) 0.15 m thick with occasional inclusions of bricks and small sub-rounded stones. Within this layer was a discrete deposit or lens of compacted brown silty clay (1006) with sand and gravel 0.15 m thick. Layer 1023 seems to have been brought in as levelling material possibly when this area was landscaped, and was found throughout the trench. Layer 1006/1024 may be related to demolition of the 19th century tenement buildings as this deposit sealed the remnants of a modern brick structure (1002) and an extensive bitumen surface (1003 and 1029) that covered most of the trench.

10.3.3 The full extent of the layer of bitumen including the extension to the trench measured 7.70 m long by 4.57 m wide, and was 0.05 m thick. The bitumen layer (1003/1029) bore the imprint of wooden planks or beams; one imprint measured 3.4 m long and 0.17 m wide and ran east and west, four smaller imprints were up to 1.5 m long and 0.1 m wide and ran north-south. Two of them were found to the south of the larger strip and two others less visible to the north of it. These imprints could be from timber foundations for a possible light wooden building with the bitumen layer acting as a damp course.



Plate 9 De-turfing the trench



Plate 10: Bitumen surface and brick foundation from the south-east

10.3.4 In the north west edge of the trench against the west baulk, the bitumen layer run up to a brick structure or foundation (1002) which measured 1.15m by 0.6 m in size. It was mainly constructed from white bricks bearing the name of 'HURLFORD', orange bricks and cobblestones round the edges and appeared to be set in a bedding layer of white sand and gravel (1004). A brickworks operated in Hurlford in East Ayrshire from 1857 until the 1980s. As the brick structure was located within the area that was to form a step in the trench, the structure was not investigated but protected. The structure (1002) seems to have been built at the same time as the bitumen layer (1003).

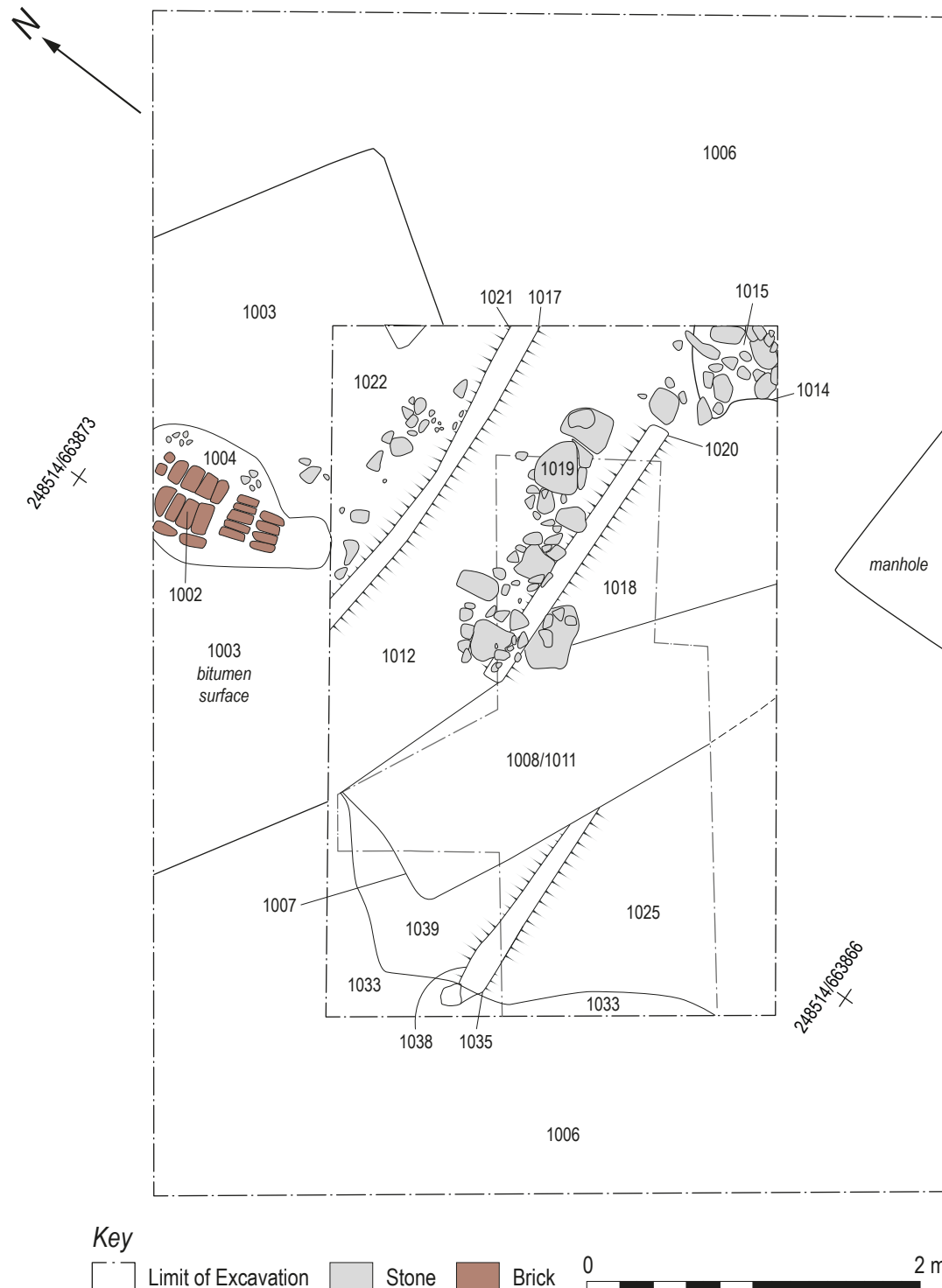


Figure 5: Plan of MST

- 10.3.5** As the level of the bitumen layer was between 0.6 and 0.7 m depth, it was decided to step the trench at this point for safety reasons. A one metre wide step was left along three sides of the trench with an additional one metre wide strip along the north-east section as an access ramp. Later, when it was decided to extend the trench to the south west to reveal the full width of the Abbey Drain, it was decided to make the step at a depth of one metre as this helped access. It was during the digging of this extension that more of the bitumen layer (1029) was uncovered.
- 10.3.6** Excavation continued in the central area approximately 6 m by 4 m in size. The bitumen was removed to reveal a foundation or bedding layer (1005) which consisted of light grey gravelly sand and rubble 0.25m thick. Below this was a firm brown silty clay layer (1009), 0.23 m thick containing occasional small to medium sized stones. To the south of the trench the bitumen layer stopped and appeared to have been deliberately broken with a clear edge (1007) that ran diagonally across the trench north-west/south-east, in line with the modern manhole used to access the Abbey Drain. When the trench was extended to the south, this edge (1007) was shown to mark a rectangular feature that extended for 3.00 m and was 1.4 m wide with deposit (1008); a dark brown/dark grey silty clay as the main fill. Four dressed masonry blocks (SF 1429, 1430, 1432 and 1434), probably part of a building, were recovered from the upper fill (1008) along with modern ceramic, glass. and masonry rubble. The upper fill (1008) was up to 0.6 m thick and sealed a deposit of mid-brown silty sand (1011) which contained mortar, bricks, stones and several sherds of medieval pottery, modern ceramics and bitumen fragments.
- 10.3.7** In the north eastern corner of the trench was a discrete deposit of brown silty sand (1015) with frequent medium and large sub-angular stones within a cut (1014) measuring 1.1 m long by 0.9m wide. This feature was excavated to a depth of 0.9 m and revealed that the feature had straight sides but the bottom was not reached. Excavation stopped as this area became the second access step which was again 1 m wide. Given its position close to the modern manhole, this pit (1014) may be part of the construction trench for the adjacent manhole and its foundations.
- 10.3.8** Continued excavation revealed several layers or deposits across the trench. To the north-east of the rectangular trench 1007, the brown silty layer (1009) covered a yellow/light brown silty clay (1010) deposit that contained frequent small and medium sub-angular stones and was 0.45 m thick. Both layers sealed a firm light brown silty sand layer (1013) which contained occasional small and medium sub-angular stones and was up to 0.2 m thick. These deposits were removed to reveal three parallel linear features which ran east-west across the trench (cut 1017 with fill 1012, cut 1020 with fill 1018 and cut 1021 with fill 1022).
- 10.3.9** Along the southern edge of feature 1017 was an irregular line of sub-angular stones of various sizes (1019) that ran east-west across the trench on the same alignment as the linear features. The stone feature measured 2.6 m long by 0.4 m wide, and was 0.25 m high. The stones which were a maximum of 0.38 m by 0.38 m by 0.12 m in size were haphazardly laid within the fill of 2017. No artefacts were recovered from the stone feature. Against the eastern section of the trench was a similar deposit (2016) that may represent part of another linear feature but it was cut by 2007 to the south and 2014 to the north. The surviving section of deposit (2016) was 0.6 m wide and 0.6 m deep and consisted of light brown silty sand with small and medium sized stones, no artefacts were recovered from this deposit.
- 10.3.10** The full extent of the linear features was not exposed within the trench, the most extensive was feature 1017 which was located in the middle of the trench and the



Plate 11: Linear stone deposits 1019 and three parallel trenches being exposed

full width was revealed. 1017 measured 2.7 m long by 1.10 m wide, and was truncated to the west by trench 1007. The full width of feature 1021 to the north, or feature 1020 to the south could not be uncovered due to the limits of the trench edges. Feature 1021 measured 2.7 m long and was 0.6m wide; feature 1020 was 1.1 m long and 0.6 m wide. Both were also truncated to the west by the trench 1007 and feature 1020 was also truncated by pit 1014 to the north. When excavated the three linear features all had steeply sloping sides with a flat base, 1021 was between 0.5 and -0.6 m deep, 1017 was 0.45 m deep and 1020 was only 0.15 m deep. All three linear features had similar fills, a firm dark brown silty sand (1022, 1012 and 1018) with frequent inclusions of small and medium sized sub-angular stones, long with fragments of coal. Artefacts recovered from the fills included a large fragment from a glass wine bottle that was decorated with the seal of the Earls of Dundonald who owned the lands round the Abbey in the 18th century. Other artefacts included clay tobacco pipe stems, medieval pottery and a sherd of imported stoneware pottery, possibly from Germany or the Low Countries as well as animal bones and oyster shells.



Plate 12: The three parallel trenches 1021, 1017 and 1020 from the west



Plate 13: MST being extended to the south west

- 10.3.11** The three main parallel linear features were dug into a deposit of mid-brown silty sand (1025) that contained small stones, slate fragments, coal fragments and charcoal, as well as large amounts of animal bones, this deposit was up to 0.55 m thick.
- 10.3.12** In the extension to the trench layer 1013 sealed an extensive deposit of dark brown silty sand (1040) that contained small to medium sized stones and fragments of slate, this deposit was 0.75 m thick. It was in this layer that an Edward I silver penny, that would date to between 1272-1307, was found (SF 1248). This deposit sealed the remnants of another two linear features (1035 and 1038). Feature 1038 could be the continuation of 1020. Both features (1035, fill 1036 and 1038, fill 1039) measured 1.1 m long by 0.9 m wide, but only 0.1 m deep and were filled with dark brown silty sand with small to medium sized sub-angular stones and fragments of coal. Several sherds of medieval pottery and post-medieval clay tobacco pipe stems as well as animal bone and oyster shell were recovered from 1036 (the fill of 1035). Only the southern edge of 1038 and northern edge of 1035 were uncovered. These features seemed to get shallower to the west where they peter out. Below 1040 were two discrete deposits; 1033 a light brown/pale yellow silty sand that contained mortar and gravel along with small and medium sub-angular stones and was up to 0.25 m thick and 1041 a deposit of brown silty sand that had noticeably contained more charcoal than the surrounding deposits. These covered an extensive layer (1034) that covered the south-west side of the Abbey Drain.
- 10.3.13** At this point, another step was established for safety reasons and excavation was limited to an area in the centre of the trench that measured 4.2 m north-east/south-west by 1.5 m north-west/south-east. As excavation continued, the bottom of the rectangular trench 1007 that separated the two halves of the trench was found and was a maximum of 1.8 m deep. This feature appears to be the trench that was dug to expose and repair the top of the medieval drain in the late nineteenth or early twentieth century. Excavation of the lower fill (1011) revealed concrete (1031) that has been used to repair the roof of the medieval drain (1030).



Figure 6: Plan of stone roof slabs 1030 of the Abbey Drain and concrete roof 1031 in MST

10.3.14 Due to the depth of the trench and the use of steps to allow the excavation to reach the top of the Abbey drain, trench 1007 was only excavated where it was located inside the stepped excavation area in the middle of the trench and therefore, not fully excavated. As this trench ran at an angle across the main trench, it meant that the full width was not visible in the section. In addition, the trench was not originally excavated to the same depth and was shallower to the west away from the concrete repair to the roof. Therefore, where trench 1007 is shown on the east facing section (figure 6) it is narrower than the width of the drain and does not reach the top of the drain due to the trench being shallower at that point. Similarly, the presence of the modern brick and concrete manhole (to the east) meant that trench 1007 was not visible in the main east section due to later disturbance when the manhole was built.

10.3.15 To the north-east of the Abbey Drain (1030) the remnants of layers 1022 and 1040 were removed to reveal an extensive deposit (1025) of mid brown silty sand with frequent inclusions of pebbles and charcoal that was up to 0.4 m thick. Within this layer were two thin layers of sand and mortar (1026 and 1027). The first lens, 1026 consisted of loose light brown/orange sand with mortar inclusions and was between 0.02 and 0.08 m thick. The second lens, 1027, was similar



Plate 14: Sand and mortar layer 1027 from the south-east

in texture and composition and was up to 0.1 m thick. On the south-west side of the Abbey Drain, excavation continued with the removal of deposit (1034) which consisted of mid-brown sandy silt with occasional pebbles and charcoal. The mortar lens (1027) extended into this side of the trench. These layers of mortar probably relate to construction work associated with the Abbey buildings.

- 10.3.16** Excavation to the north-east uncovered a deep deposit of dark brown sandy silt (1028) with frequent flecks of charcoal and occasional small and medium sub-angular stones and was 0.5 m thick. This deposit covered the top of the Abbey Drain (1030), and sealed a firm brown silty sand deposit (1037) with frequent small, medium and large sub-angular and sub-rounded stones. This was laid against the north-east side of the drain (1030) and may be a deliberate layer to support and strengthen that side of the drain. This layer did not appear to the south and may have been removed when the trench (1007) was excavated to repair the roof.
- 10.3.17** A similar sequence of layers was uncovered on the south-west side of the Abbey Drain (1030). The extensive layer 1034, was the same colour and composition as 1028. Beneath 1034 was a deposit of brown silty sand (1042) which contained frequent small, medium and large sub-angular and sub-rounded stones, similar to deposit 1037.
- 10.3.18** The top of the Abbey Drain roof (1030) was exposed in the middle of the deepest part of the trench. The roof of the drain was built with large stone roof slabs which were covered with small sub-angular stones, haphazardly laid on top of the roof and sealed by 1028/1034. A section of the roof slabs were exposed and the exterior of the roof was 1.9 to 2.0 m wide, and was composed of a drystone arch formed by eight large rectangular stones. The smallest measured 0.57 m long by 0.4 m wide and 0.2 m thick and the largest 0.87 m long by 0.32 m wide and 0.23 m thick.

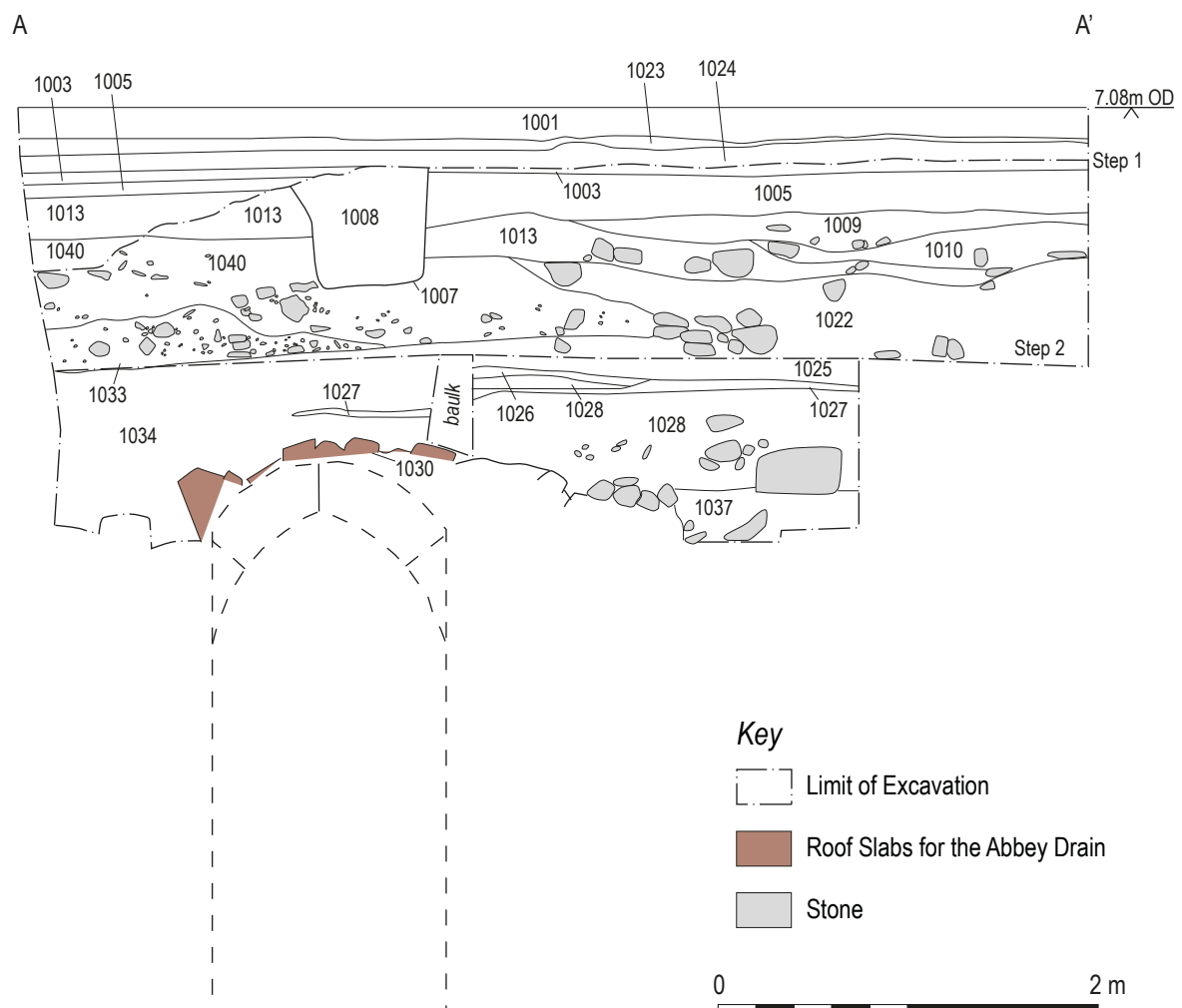


Figure 7: South-East facing section through Middle Section Trench

- 10.3.19** A small layer of mortared stone 0.6 m by 0.6 m (1032) was uncovered on the north-east side on the top of the Drain and seemed to continue in the north-west section of the trench. This was unusual because the roof is of drystone construction and mortar does not appear to be the remnants of a wall or another feature built next to the Abbey Drain. As the roof of the Abbey Drain was exposed (along with part of the concrete repair), excavation stopped at this point.



Plate 15: General view of the stone roof slabs 1030 of the Abbey Drain from the east



Plate 16: Mortared stone layer 1032 along the north-east side of the Abbey Drain from the north-east West End Trench

- 10.3.20** On completion of the excavation, the stone roof slabs of the Abbey Drain were covered with geotextile and protected with sandbags prior to backfilling. The trench was backfilled and the turf re-laid. Once complete the interior of the Abbey Drain was checked below the location of the trench for any movement or damage - none was observed.

10.4 Western End Trench (WET)

- 10.4.1** The trench was located to the west of the manhole currently used to access the Abbey Drain, situated to the north-east of a footpath along the river wall. Initially the trench measured 6m by 6m but it was later extended. The main access manhole was located 1.0 m from the south-east corner of the trench. This trench was positioned to overlap with the trench from 2009 but extended towards the river. Since the work in 2009, a WiFi cable has been laid parallel to the path. When this section was excavated, the cable was supported and protected. Trees also line this part of the river bank and a buffer was left close to them. All excavation was by hand.



Plate 17: De-turfing the trench

10.5 Excavation

- 10.5.1** As the trench was partially located over the previous trench, once the topsoil was removed, the deposits below consisted of backfill material from 2009 in the middle, with undisturbed deposits round the edges. The main area of 'new' excavation was along the western and southern parts of the trench and to the east by the manhole. The north edge was largely part of the earlier trench and excavation here was mainly used to provide access to the deeper central part of the excavation. This trench was also stepped at approximately 1 m and the area reduced in size.
- 10.5.2** Initially an area 6 m by 6m was de-turfed. The topsoil (2001) was only 0.2 m thick and was removed to reveal an extensive deposit of heavy light brown clay (2002), 0.4 m thick that was found beyond the limits of the previous trench. In the undisturbed southern part of the trench,

a thin layer of ash and cinders with a maximum thickness of 0.15 m was found immediately below the topsoil and above the brown clay (2002). Here the brown clay layer overlay a deep deposit of cinders and ash (2003) that varied on depth from 0.2 m to 0.65 m, with occasional large angular stones up to 0.65 m in size. However, it was not so extensive in the north-west corner of the trench where it was less than 0.1 m thick. Here the clay layer (2002) overlay a firm dark brown/dark grey brown sandy silt (2004), which contained stone rubble and was up to 0.4 m thick. These three layers along the south and western edges of the trench may have been brought in as levelling material, when the area was landscaped after the demolition of the 19th century tenement buildings.

- 10.5.3** Excavation along the north west edge of the trench revealed that the layers 2002 and 2004 sealed the remains of a 19th or 20th century stone surface, which probably continued beyond the limits of the trench. The stone surface or pavement (2010) was formed by two large flat sandstones slabs along with smaller stones and bricks, covering an area 1.2 m long by 0.7 m wide and was 0.1m thick. Within the paving was a ceramic drainage gully chamber (2019) with a 0.24 m square open top and measured 0.18 m in height. It was probably for rain water or waste water. The drain was supported by a brick and rubble spread (2011) that was packed around the pipe and paving slabs.



Plate 18: General view, cleaning 19th and 20 century structures, from NW



Plate 19: General view of trench from north

- 10.5.4** Excavation in the south-west corner below layer (2004) revealed a substantial rectangular concrete foundation (2012) that was 1.70 m long 0.95 m wide, and up to 0.5 m thick, with a brick and gravel foundation. The concrete had been poured in situ as the sides of the feature still bore the imprints of the wooden boards, used to contain the concrete. On the upper surface of the concrete was an L-shaped imprint from a possible structure. Two other concrete features, (2008 and 2026) were uncovered to the south and east of 2012, against the southern section of the trench. The first (2008) was 1.6 m long and 0.56 m wide and 0.31 m high with a channel running along the centre that was 1.10 m long, 0.25 m wide and 0.15 m deep. This channel was completely filled by decayed wood (2009), either from a beam or possibly a tree root. Slightly further to the east and higher up the section was another concrete foundation (2026). The trench was extended to the south at this point which revealed more of the concrete structure which was 1.48 m long and 0.8 m wide and 0.4 m thick, again with a channel in the middle that was 1.3 m long, 0.14 m wide and 0.1 m deep.



Plate 20: Concrete foundation 2026 from the south-east

- 10.5.5** The extension in the south-west of the trench revealed more of the concrete foundation (2026) and that the concrete had been broken and that an edge (2027), was exposed, (parallel north-west/south-east to the river). The edge could be traced for 2 m along the side of the

trench. The river side of the edge was filled with loose grey/brown silty clay and rubble (2028). This edge could mark the line of the trench for the main sewer pipe that runs along the river, below the path next to the retaining wall.



Figure 8: Plan of WET

10.5.6 Excavation in the middle area of the trench uncovered the mixed backfill material (2007) from the 2009 trench (2025), which consisted of brown silty sand, and rubble. The manhole, that provides access to the medieval drain was built on top of a large concrete base (2017) that had been re-enforced with steel beams that are visible inside the manhole. They are located directly over the masonry roof of the drain, confirming that the concrete had been laid on top of the medieval masonry.

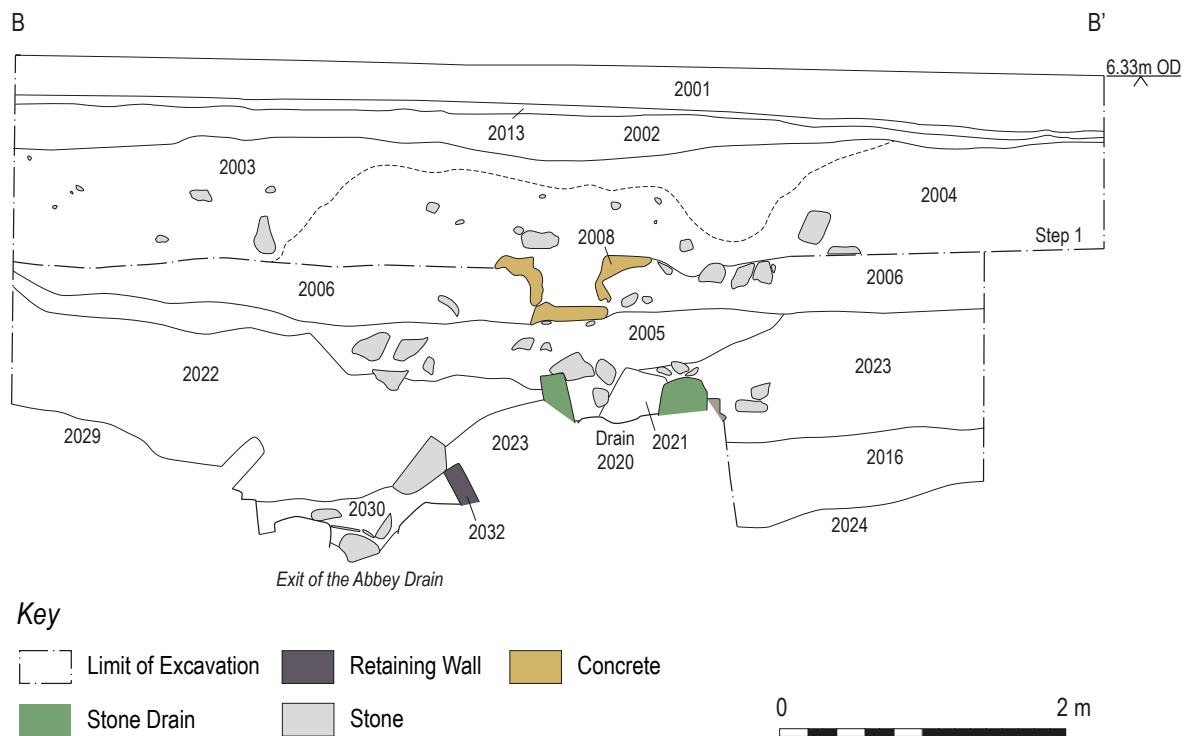


Figure 9: North-East facing section through WET

- 10.5.7** As the concrete base of the manhole (2017) was at a depth 0.7 m from the ground surface, a 1 m wide step was established along the four sections of the trench for safety reasons. This included an additional 1 m wide strip along the north-east section as an access ramp. This area was mainly backfill from the 2009 trench.
- 10.5.8** Once the step was established, excavation continued in the centre of the trench in an area measuring 5.2 m north-west/south-east by 4 m north-east/south-west. The backfill (2007) from the 2009 excavation were still visible on a 0.3 m wide strip along the north-west section of the trench. The bottom of this trench was found at a maximum depth of between 1.8 m and 1.9 m below the current ground level and was easily identified by the presence of a geotextile that was laid prior to backfilling. Further access steps were excavated in the backfill material to the north.
- 10.5.9** Beyond the limits of the 2009 trench was a compact black/dark grey silt layer (2006) with frequent inclusions of small angular stones up to 0.2 m thick. Below this was a deep deposit of mixed compact-brown silty sand (2005) up to 1 m thick with frequent inclusions of rubble and mortar.
- 10.5.10** As excavation continued in the southern half of the trench, deposit 2005 was removed to reveal the top of a linear stone-built feature (2020). Layer 2006 sealed a deposit of light to mid-brown silty sand (2023) up to 0.4 m thick with occasional slate fragments and small subangular stones and gravel. Further excavation revealed that the linear feature (2020) was 1.34m long and between 0.83 m and 1.1 m wide, and was 0.28 m high and appeared to continue to the south-west section towards the river. This feature appears to be an open stone drain running south-west/north-east formed by a row of five large flat stones which formed the base with two rows of stones forming the side walls which narrowed toward the river. The south-east side wall consisted of three large stones up to 0.6 m long by 0.3 m wide and 0.2 m high. The north-west side wall was less regular and was built with smaller stones up to 0.3 m long by 0.2 m wide and 0.2 m high. The fill (2021) of the drain was similar to 2005 and consisted of light brown silty sand with frequent fragments of roofing slate and small and medium sub-angular stones.



Plate 21: Stone drain 2020 found along the exit of the Abbey Drain from the south-west



Plate 22: Archway (2018) for the Abbey Drain from the south

10.5.11 Excavation next to the concrete that formed the base of the manhole revealed that the backfill material (2005) from the 2009 trench covered a substantial deposit consisting of light brown mortar and stones (2034) that would have been the core of the medieval wall or upper structure of the Abbey Drain. There was a distinct break or edge (2015) to this material that ran across the trench with Drain 2020 to the south and west. As excavation continued in the southern part of the trench, voids began to appear as layer 2005 was removed. This revealed a layer of light brown sandy silt (2022) with frequent inclusion of angular stones and voids in between them. As excavation continued, the full extent of the masonry core (2034) for the roof of the Abbey Drain, was revealed and extended to 1.55m long by 0.92m wide. It was built with mortar and rubble with various sizes of sub-angular stones (the largest measured 0.38 m long by 0.34 m wide, and 0.33m in height; the smallest was 0.05 m long by 0.04 m wide, and 0.02 m in height). As excavation of layer 2022 continued, as well as cleaning 2034, the facing stones of a wall began to appear and further excavation revealed the top of the arch (2018) that formed the exit for the Abbey Drain.

10.5.12 The full extent of the archway was not uncovered and only the upper arch was exposed. The arch was built with two triangular shaped keystones, measuring 0.3m by 0.2m wide, and eight rectangular stone blocks approximately 0.38 m by 0.28. The facing stones of the exterior wall (2033) were exposed on both sides of the arch and followed the line of the cut or edge (2015) that had been observed earlier in the excavation.

10.5.13 As layer 2022 was removed from the front of the archway (2018) which uncovered a possible channel leading towards the river, filled with loose brown silty sand and large architectural stone blocks along with fragments of roofing slate (2030). Given the potential importance and relatively undisturbed nature of this deposit, only a small section (1 m wide) was investigated by the archway and only loose material was removed to expose the larger stones to a depth of 0.3 m. Excavation within the channel revealed that the east side was composed of a firm mid-brown silty clay (2029) extending beyond the channel as the main deposit below layer 2022. On the west side there was a possible retaining wall and a single row of stones (2032) was exposed. These could be traced along the channel for 1.23 m. The stones were approximately 0.08 m wide, and the wall reached a height of 0.44 m. The wall was not fully exposed and excavation within the channel stopped at this point.



Plate 23: Details of Archway and channel

10.5.14 To the west side of the archway (2018) a small slot trench 0.4 m wide was excavated to investigate the relationship between the drain (2018), the outer wall (2033) and the small stone drain (2020). The stone drain (2020) did not extend as far as the archway or outer wall so there was a small area that could be investigated without damaging the surviving

structures. The remnants of layer 2023 was removed which confirmed that drain 2020 was built over this layer. Below this was a layer of grey/brown sandy silt with small to medium sized stones (2016). This layer was up to 0.5 m thick and appeared to overlay a firm light brown clay layer (2024) that appears to be the natural subsoil and was found throughout the south-west corner of the trench.

10.5.15 Excavation revealed that the facing stones of wall 2033 did survive and continued to the west of the archway. Three courses of stonework were exposed with a maximum height of 0.39 m, the facing stones were up to 0.4 m long and 0.32 m wide and 0.23 high. The joints between the stones were very tight with no evidence of mortar bonding. The stones of the possible retaining wall (2032) in the channel at the front of the archway were not fully exposed or removed, but the large stone next to the arch was seen to lie against the arch and exterior wall, and was not built into the fabric of the main wall. This stone lies at an angle and leans in to the channel and it may have moved from its original position and these stones may be supporting the small drain 2020 rather than the channel exiting from the archway.



Figure 10: Plan of the exit 1818 of the Abbey Drain with the River Cart, the stone drain 2020, the remnants of the precinct wall 2033/2035/2036 and the slate feature 2031 in WET

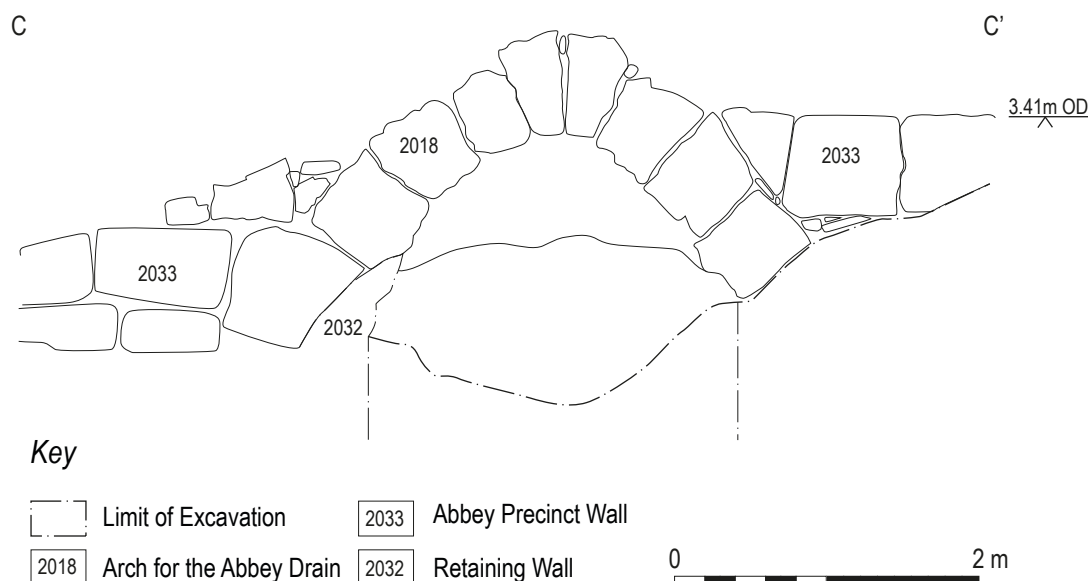


Figure 11: West facing section of exit 2018 of the Abbey Drain

10.5.16 To the west of drain 2020, excavation revealed a similar sequence of deposits where layers 2005 and 2006 sealed deposits 2023 which in turn overlay deposit 2016 which was uncovered in the small trial trench. In this area, 2016 was quite extensive and may have been used as deliberate levelling layer, as the underlying light brown clay layer (2024) sloped downwards towards the river.

10.5.17 The cut or edge 2015 that was revealed when layers 2023 and 2024 were removed, marked the edge of the wall (2033) leading off from the archway and appears to have been built in a foundation trench, that was cut into the natural sloping clay (2024). Within the foundation trench (2015) was the masonry core of the Abbey Drain (2034) and wall (2035), which sloped downwards to the west from the highest point next to the concrete base for the manhole. Excavation in this area removed a deposit of loose yellow/brown mortar and stone fragments (2014) from this area, that was up to 0.9 m thick at the deepest point by the western trench edge. It appears that the original masonry may have been robbed and the stones re-used after the Abbey went out of use, leaving only mortar and building debris (2014).



Plate 24: Detail of the original clay river bank



Plate 25: General view of the trench showing the edge between the Abbey precinct wall and the original river bank

10.5.18 To the south of cut 2015, on the sloping ground towards the river was a small sub-circular feature (2031) that consisted of two roof slates laid on the ground and two other slates positioned vertically on the south and east sides of the feature. It measured 0.25 m by 0.2 m and 0.1m deep. This could have been a pad or base for a wooden post or a scaffold when the Abbey precinct wall was built. Excavation stopped at this point.

10.5.19 On completion of the excavation, the exit of the Abbey Drain was blocked with sandbags, then all the archaeological features were covered with geotextile and protected with sandbags and a layer of soil prior to backfilling. Once the backfilling was complete the turf was then re-laid.

10.6 Eastern Extent of the Drain

10.6.1 Work undertaken, from a purpose-built modern manhole in the pavement near the east end of the drain in 1991, revealed that the Abbey Drain is approximately 1 m high at this point and less than 1 m wide, with a flat roof and with little evidence for a floor. The drain is also largely silted up with important sealed and undisturbed archaeological deposits. Investigation of these deposits would require careful excavation and post-excavation analysis. This work also revealed that there is approximately 2 – 2.5 m of overburden in this area as well as the potential for modern services, making large scale excavation of this part of the Drain difficult from a logistical and health and safety point of view.

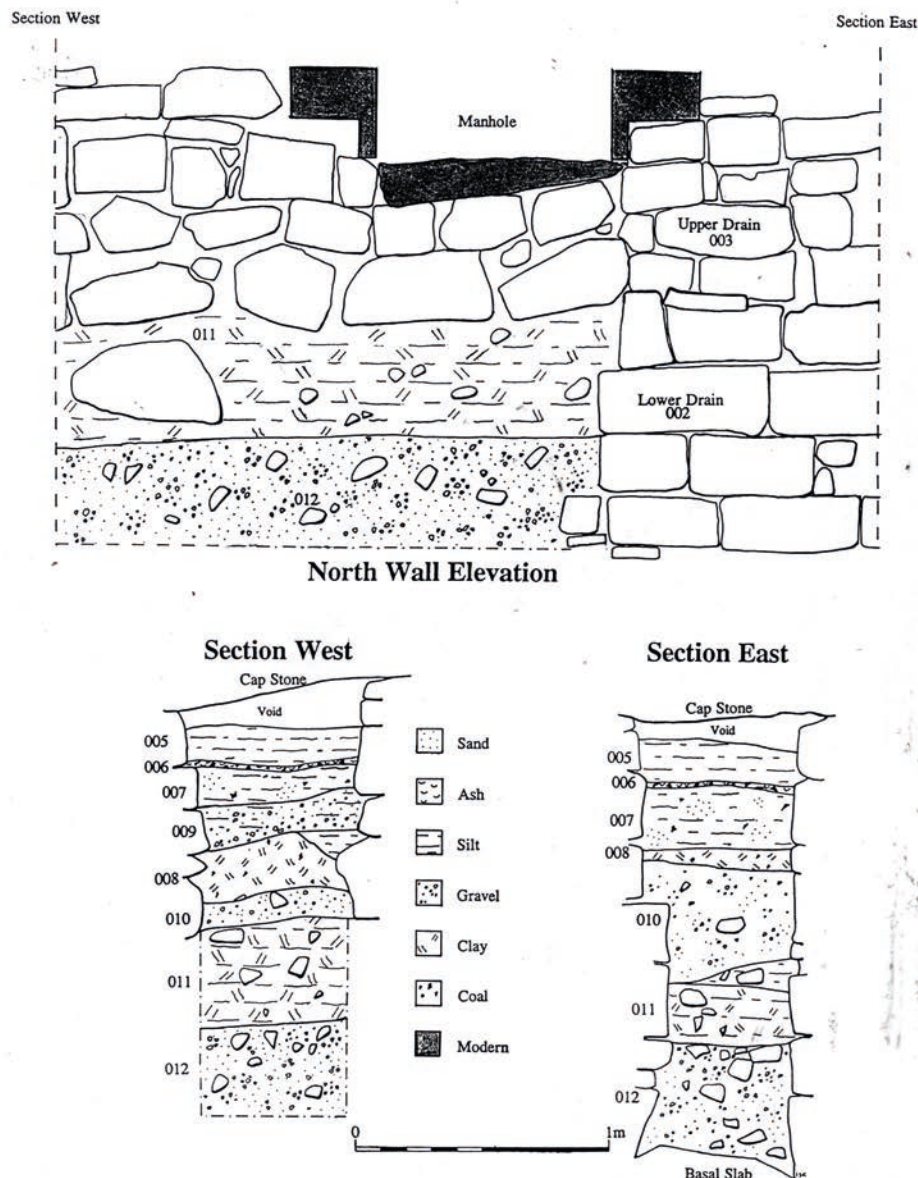


Figure 12: Figure from 1991

10.6.2 What was attempted this year was to assess the condition of the deposits within the Abbey Drain that were revealed in 1991. These have not been examined since the original excavation. This was due to take place over the weekend of Doors Open Day in September but unfortunately, when the manhole was lifted it was discovered that this section of the Drain was completely flooded to the upper levels of the masonry walls of the Drain. Given the time restraints, it was not possible to pump out the water and safely enter the Drain. The section drawing from 1991 is included below to provide information relating the Drain and deposits at the East End.

10.7 Photogrammetry and 3 D modelling

10.7.1 During the first week of the Big Dig, when safety equipment and procedures were in place, a basic photogrammetry survey of the interior of the west end of the Abbey Drain was undertaken in order to provide a record of the condition of the Drain. The survey involved placing paper 'targets' in the Drain as reference points for over 2000 overlapping photographs. These photographs were then combined with survey data and processed to produce a digital 3 D model which can be viewed on a computer screen. This allows people to move around the interior of the Drain as well as providing detailed and accurate images.

10.7.2 At the end of the excavation, 3D models were made of each of the excavation trenches. These models were produced by one of the volunteers (Katherine Scott). She had previously volunteered with the ongoing Historic Environment Scotland 'Scotland's Rock Art Project' which uses laser scans and photogrammetry to record prehistoric rock art. Katherine used the skills and techniques she had acquired on that project to produce 3D images of each trench. These models allow the viewer to move around the trench and to zoom in to specific areas or feature, providing a visual record of the excavation.



Plate 26: 3 D modelling of the Excavation Trenches



Plate 27: 3 D modelling of the Excavation Trenches

10.8 Protection of the Drain Structure

10.8.1 Before the Big Dig started, a structural engineer from Renfrewshire Council assessed and commented on the methodology, with the aim of ensuring that the project would not have an adverse effect on the structural integrity of the Abbey Drain. This information was shared with Historic Environment Scotland, as part of the Scheduled Monument Consent process. At the start of the excavation white sand bags were placed in the Drain to fill gaps in the existing internal blocking at the western end. The roof of the Drain at the west end is protected by the concrete base above that provides a foundation for the access manhole so was not affected by the excavation. Material from within the Drain was not removed in case this affected the stability of the structure. At the end of the Big Dig, sand bags and geotextile were used to cover and protect exposed stonework prior to backfilling.



Plate 28: Photos of sandbags

10.9 Water Flow

- 10.9.1 There does not appear to be water flowing through the Drain and any water in the drain seems to be the result of rain water that has seeped in. Recent changes to drainage related to the nearby roads, has diverted much of the water that used to enter the drain. There was no evidence for channels or outlets requiring and protection (relating to the water flow being impeded).

11. Artefacts

- 11.1 During the course of the project all the artefacts that were recovered from the excavations were cleaned and catalogued by volunteers under the supervision of GUARD Archaeology staff. The artefacts were given a reference number and basic identification (see Appendix F for the finds list). A short summary is included below describing the range and type of artefacts that were recovered from the Big Dig.



Plate 29: Glass Dundonald seal



Plate 30: Slate button



Plate 31: Edward 1 penny



Plate 32: George 111 penny

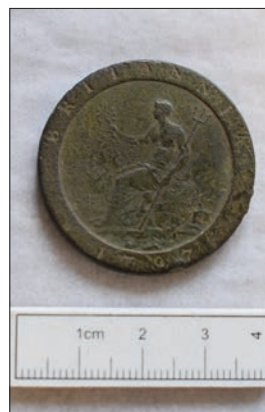


Plate 33: Tobacco pipes

Total number of artefacts recovered from both trenches

Artefacts	Number	Notes/description
Coins	4	including 1 Victoria bronze penny (1876), 1 Edward I silver penny (1272-1307) and a George III copper penny (1797);
Bone artefacts	2	A ring and possible lathe work
Buttons	9	Including 3 bone, 1 shell and 1 slate possibly medieval
Medieval pottery	211	Included imported sherds from Germany and the Low Countries
Modern pottery	216	
Clay tobacco pipes	27	Including complete bowls from 17th century
Glass bottles	144	Including wine bottle bases and a seal 17/18th century
Glass window	48	Both clear and decorated
Metal	97	Mainly iron nails but some lead fragments
Architectural fragments	12	Includes fragment of dressed masonry block possibly medieval
Animal bones	853	Includes some with butchery marks
Marine shell	86	Mainly oyster
Miscellaneous		Coal, cinders, possible slag

11.2 Bone

11.2.1 As well as a large number of animal bone (complete and fragments) that reflect farming, animal husbandry and diet. Two bone artefacts were recovered that could relate to craft work being undertaken locally, or objects that were brought in through trade. The use of animals as a food source is represented by butchery marks on the larger bones that include knife marks and saw marks. The use of saws in butchery is relatively modern and suggests that these bones would date to the post-medieval to modern period.

11.3 Ceramic Building Materials (CBM)

11.3.1 This is a broad term that is used to describe, bricks, tile and mortar. A number of complete bricks and fragments were recovered including one marked with 'PAISLEY', probably from a local 19th or 20th century brickworks. Other bricks were stamped with 'HURLFORD' which is a village in East Ayrshire, that had a brickworks in operation from 1857 until the 1980s. Several fragments of tile were recovered, including possible medieval roof and floor tiles that were made in an orange/red fabric with glaze on the upper surface. Other tile fragments were from modern roof tiles, drainage pipes and chimney pots

11.4 Ceramics

11.4.1 The ceramics recovered from the excavations can be divided into two broad categories: 'medieval and post-medieval' (14-17th century) and 'modern late 19th and 20th century'. The medieval and post-medieval assemblage contains mainly locally made jugs, storage jars and platters along with small number of sherds from imported vessels from the Low Countries and Germany. A selection of modern pottery was retained including slip decorated red earthenware, industrial stoneware and white earthenware. These types of vessels are common and were made at a number of factories throughout Britain including factories in Glasgow. Further investigation on patterns and maker's stamps and marks may be able to identify factories

11.5 Clay Tobacco Pipes

11.5.1 Twenty-seven fragments of clay tobacco pipes were recovered, predominantly stem fragments but also complete bowls. Tobacco pipes are common finds from sites and date from the late 17th century through to the early 20th century when the cigarettes became popular. The clay tobacco pipes were made at a number of factories and most large towns in Scotland had their own factory and stamp. The bowls and stems are often highly decorative and reflect events that were happening in the country at the time, which often means that they can be closely dated. One of the bowls, given its shape and style probably dates to the late 17th century.

11.6 Coins

11.6.1 Four coins were recovered including an Edward I silver penny that would date to the period 1272-1307. This was just after the priory was established (it didn't become an Abbey until 1219) and covers part of the Scottish Wars of Independence when the monastery was burnt (1307) by Edward I. Another interesting coin was the George III copper penny (1797), sometimes known as a cartwheel penny due to their size and decoration. The other two coins were a Queen Victoria bronze penny (1876) and a modern Queen Elizabeth I, 1992 ten pence piece.

11.7 Glass

11.7.1 The glass recovered from the excavations can be divided into two main groups; window glass and bottle glass. Window glass is the smaller group of only 44 sherds, and is easily identified as modern glass is of uniform thickness with no bubbles or flaws, while early window glass tends to be thicker with air bubbles. Several sherds had impressed patterns and were opaque which again is quite common in the late 19th century.

11.7.2 Bottle glass was the larger group with 144 fragments being recovered. Bottles tend to be black or dark green rather than the clear glass that are common today and are intended to be used for beer or wine. Several large base fragments were recovered from wide squat bottles with long necks. These 'onion' bottles date to the late 17th and early 18th century. Close study of the shape and style of the bases and bottle rims can quite closely date these vessels.

11.7.3 An important and unusual circular glass seal was recovered along with large fragment from a wine bottle from the middle trench. The seal would have been attached to the body or shoulder of the bottle. Several of the volunteers did some historical research into the seal and bottle and they were able to identify the seal as the coat of arms of the Earls of Dundonald who owned the lands round Paisley Abbey in the late 17th and early 18th century.

11.7.4 A modern glass marble was also recovered from the topsoil.

11.8 Metal

11.8.1 97 metal objects were recovered including the four coins, the rest consisted of mainly iron nails, hooks, straps and a squashed iron bucket and a small metal button. Several fragments of lead sheeting were also recovered; possibly lead used in roofing.

11.9 Shells

11.9.1 A large number of marine shells were recovered; mainly oyster shells but some cockles and whelks were also recovered. Oysters were a common food stuff up until the 19th century, when pollution killed off many of the oyster beds around the coast and river estuaries. Oyster shells were also used in the medieval period for building work, either to make lime mortar or as spacers between stones, some of which can be seen in the Abbey Drain.

11.10 Slates

11.10.1 Five pieces of slate were retained from the excavations while four of them were fragments of roofing tile. The other was a possible slate disc with a hole in the centre that could be a button or toggle and could date to the medieval period.

11.11 Stone Architectural Fragments

11.11.1 Dressed stone masonry blocks and fragments were recovered that could be decorative architectural features from the Abbey buildings- possibly window or doorway mouldings.

11.12 Miscellaneous

- 11.12.1 An unusual stone artefact was recovered; a base fragment from a badly abraded stone mortar. These were used for grinding and mixing pigments and other ingredients. Given its poor condition it may have been used for chemicals.
- 11.12.2 The remaining artefacts consist of a plastic button, coal, cinders and possible slag that relate to the more recent use of the site.

12. Excavation and Community Engagement Programme

- 12.1 An important part of the Big Dig was the Community engagement programme which took the form of a series of workshops, talks and site tours. The workshops for schools, groups and visiting members of the public were held over five days within Paisley Abbey. Two days were dedicated to school visits and the other three were for workshops and lunchtime talks. A poster/leaflet detailing the workshops and talks was produced and distributed to local businesses and attractions (see appendix)

12.2 Workshops

- 12.2.1 20 June: 'Human Remains in Archaeology' by Iraia Araboalaza and 'Post-Excavation analysis of human remains including facial reconstruction with special reference to recent excavations in Edinburgh' by John Lawson, City of Edinburgh Council archaeologist.

This workshop involved themes of how to record and recover human remains from archaeological excavations along with a discussion on the range and type of scientific analyses and techniques that can be carried out on the remains; including DNA, isotope analysis and forensic facial reconstruction.

- 12.2.2 29 June: 'Artefacts recovered from Paisley Abbey Drain and Excavations' by Bob Will

This workshop covered the range of artefacts and materials recovered from the Abbey Drain and excavation and how to identify and date them.

- 12.2.3 11 July: 'Botanical remains and archaeology' by Dr Susan Ramsay

This workshop looked at the range of plants recovered from the silts within Paisley Abbey Drain and how to identify them from charcoal, seeds and pollen using microscopes. In addition, how to interpret botanical remains was discussed and what these plant can say about the environment in the past and how it has changed over time.

12.3 Lunchtime Talks

- 12.3.1 29 June 'Artefacts from the Great Drain at Paisley Abbey and the Big Dig' by Bob Will
- 12.3.2 1 July 'Botanical Remains recovered from the Great Drain at Paisley Abbey and the Pioneering work of Camila Dixon' by Dr Susan Ramsay

12.4 School Visits

- 12.4.1 Due to the school holidays over the summer school visits were undertaken in June where 119 primary school age children visited the Big Dig for either a morning or an afternoon. Three local schools were involved

- Bishopton Primary School, sent two P4 classes with 60 pupils
- Heriot Primary School in Paisley sent one P4 class with 28 pupils
- Fordbank Primary School in Johnstone sent one P6 with 31 pupils

12.4.2 For each visit the class was split into groups who then took part in various activities including visiting and taking part in the excavation, learning about artefacts, learning about excavation techniques (with an indoor sand pit) and archaeological drawing and recording. At the end of each visit the children took part in a quiz about archaeology and the history and heritage of the Abbey and the town of Paisley. As the Big Dig was registered with the Archaeology Scotland Heritage Heroes award scheme each, pupil received a certificate confirming that they had taken part in the Big Dig (see appendix B)



12.5 Volunteers

12.5.1 The Big Dig relied on volunteers to carry out the excavation of both trenches and without their hard work and dedication, the Big Dig would not have been the success that it was, or have been able to achieve the results that it did.

12.5.2 59 volunteers took part in the Big Dig (amounting to 414 working days). The minimum number of volunteers on site was six, while the maximum number on site was fifteen; with the average being ten volunteers on site each day for the main eight weeks of the excavation. From

information provided on the 'volunteer record form, 33 of the volunteers were from Paisley or had Paisley postcodes (this covers quite a large area), nine had Glasgow postcodes and several others were from the central belt and Ayrshire. Volunteer numbers were constant throughout the excavation with many splitting their time over the course of the excavation. In the last few weeks of the dig it was largely the same team of volunteers. On the last day a large number came along to complete the backfilling and lay the turf.

- 12.5.3** Many of the volunteers were from Renfrewshire Local History Forum (RLHF) or the Inchinnan Local History Group (IHLG). RLHF gained 18 new members over the course of the project; either from volunteers or interested members of the public who stopped at the Big Dig or came along on Doors Open Day in September.



Breakdown of volunteer numbers and days spent on site

Volunteers	Number of days on site
27	<5
18	<10
6	<15
14	<20
32	<25
1	<30
1	38

12.6 Volunteer Training and Skills

12.6.1 During the course of the excavation, volunteers were given the opportunity to try a range of skills and methods commonly used in archaeological fieldwork. This included the correct and safe use of tools and equipment. How to record a site was also covered using proforma recording sheets, site drawing and artefact cataloguing and basis site survey and photography.

12.6.2 The Skills Passport was taken up by the five Glasgow University students (not including the placement students). Some of the volunteers had them already which have been up-dated. The Skills Passport is a scheme organised by the CIFA to encourage both to get involved in archaeology and to keep a record of the project involvement (along with learned skills) which can be used to support their CIFA membership application. The Skills Passport lists the 'core skills' that are essential to undertake archaeological fieldwork and to take part in excavations.

12.6.3 For the volunteers who worked for more than 10 days and who did not have or want a Skill Passport, CIFA Core Skills assessment forms were completed.

12.6.4 One volunteer brought skills that she had learnt while volunteering with the Historic Environment Scotland sponsored 'Rock Art Project' using photogrammetry to produce al images of each of the trenches. This entailed taking large number of photographs of each trench from all sides and angles. These photos were then combined using different types of software and editing to produce images.

12.7 Students

12.7.1 A number of students contacted the project in advance of the project starting, but only five took part in the excavation. In addition, three additional students (who were either passing the site or heard about it after the Big Dig had started) joined the team. Of these, two were from Glasgow University and the other was from Aberdeen University. One of the students (who lives in Paisley) had not started his course yet, so this was an ideal opportunity to gain experience and to work with archaeologists before starting university in September. Two post-graduate students (who were undertaking a Masters of Arts course in 'Material Culture' at Glasgow University), also took part in the excavation.

12.7.2 During the course of the Big Dig, five students and two members of staff from the School of 'Media, Culture and Society' from the University of the West of Scotland visited the Big Dig to film, photograph and interview staff, volunteers, Council officials and members of the public. This material was then used in different projects to produce six short films and a longer documentary film showcasing the Big Dig. The films and documentary were shown in the main foyer of the University, on St Mirren TV and at St Mirren Football Club's home games at half-time. The longer film was also shown in Paisley Abbey on both Saturday and Sunday of 'Doors Open Day' in September.

12.8 Blog

12.8.1 A regular blog on the on-going results of the Big Dig was hosted on a dedicated page on the GUARD Archaeology website, guard-archaeology.co.uk/BigDigPaisley2019/

12.8.2 In addition, the project had several up-dates on the Renfrewshire Local History Forum website and other social media outlets and on other blogs and websites that focus on Paisley's history.

12.9 Visitors to the Big Dig

12.9.1 During the course of the Big Dig, nearly 8,000 visitors came to the excavations, workshops and lunchtime talks. Visitor numbers were recorded by two members of the site team equipped with hand held counters and an average count was taken for each day, so the actual visitor numbers may be higher. Many of the visitors were from Paisley and often made repeat visits to see how the excavations was progressing and to see any new discoveries. In addition to informal site tours that were given to visitors on an *ad hoc* basis, more formal weekly site tours were held every Friday at 12 noon, which after a slow start became quite popular. After the school visits, some of the pupils brought their parents along to see the excavations. Several groups visited the site, either as planned visits or groups that were already visiting the Abbey and Town.

12.10 Doors Open Day (7and 8 September 2019) DOD photos

12.10.1 As part of the Paisley Doors Open Day activities, a ballot was held by Renfrewshire Council to enable members of the public to access the Abbey Drain in organised tours. A compound was set up around the access manhole to the Drain and the banners created by local community groups were hung on the fencing for the weekend. These banners cover different aspects of Paisley, the Abbey and the Drain and were also on display throughout the Big Dig. A large tent was erected where artefacts were displayed along with information about the excavations. Renfrewshire Council provided tablets with 3D displays of the Drain, a sand pit where children could practice excavation, and a stall for the Renfrewshire Local History Forum. Over the two days, 50 members of the public were given tours of the Drain along with invited guests, that included local musician Michael Cassidy performed a song which he had written inspired by artefacts (which included music and poetry) that had previously been found in the Drain

12.10.2 In addition, crafts people from the Living History Group set up a small medieval style tented village where they demonstrated a variety of crafts, weaving, leather working, wood working and stone carving. This made a nice sequence where people could see the artefacts from the excavation and then see how people lived and worked in the medieval period. Throughout the weekend there was a steady stream of visitors to the site and Abbey. The film made that documented the Big Dig was also on show in the Abbey across both days.





Visitors and activities on Doors Open Day

13. Discussion and Conclusions

13.1 The result of the archaeological investigations carried out during the Big Dig provide a wealth of information on how the Abbey Drain was built and how it may have functioned within the medieval monastery based around the Abbey.

13.2 Middle Section Trench

13.2.1 Excavation of the Middle Section Trench uncovered the outline of a trench (1007) that was 3.8 m long, 1.8 m wide and 1.6 m deep, although it got shallower to the west beyond the limits of the concrete repair. This could be the trench that was excavated in 1912 to investigate the Drain, but was abandoned due to the large quantities of material within the drain (Malden J 2000). Fragments of architectural dressed stonework blocks were found in the backfill of this trench, and could have come from one or several demolition layers that were uncovered within the main trench relating to the post-Reformation use of the Abbey buildings. The dressed stones could be the decorative features around the doors and windows of the Abbey buildings. Artefacts recovered from these layers included a decorative seal from a glass wine bottle with the coat of arms of the Ears of Dundonald who owned the land in the 18th century. No structures or the foundations of buildings were uncovered in these layers which sealed the deposits covering the roof of the Drain.

13.2.2 The roof of the Abbey Drain was uncovered and it was possible to see how it was constructed. Long rectangular stones were laid along the length of the Drain and presumably correspond with the supporting arches of the interior. Surprisingly, these stones appear to be only one stone thick although smaller stones were piled against them on the northern side of the Drain. Other stones may have been removed when the original trench was excavated in 1912. Structural surveys of the Drain from the interior (Walker 1996) have shown that the walls of the Drain in this section were 450 mm thick but were only one stone thick. Although the top of the walls were not exposed during the current excavations, there did not appear to be additional stonework on the southern side of the roof, that would suggest additional support for the roof. The relatively simple construction method would suggest that the Drain was built in a trench; with the surrounding undisturbed soil providing additional support and stability to the floor, walls and roof. The deposits, particularly to the south side of the Drain, appear to be undisturbed, although these were not excavated below the level of the roof. The excavation did confirm that the Drain did not form part of the Precinct wall of the Abbey at this point and that the side walls and roof of the Drain were not built to be visible above ground level.

13.3 West End Trench

13.3.1 The main discovery (and most exciting) in this trench was the survival of the stone archway that marks the exit of the Abbey Drain, where it turns towards the river. As well as the arch, the facing stones of the precinct wall also survived round the arch along with evidence that the precinct wall would have continued beyond the arch to the north-west and to the east. The survival of the precinct wall provides information on the extent of the Abbey grounds enclosed by the wall in this area, as no evidence of the wall had been uncovered previously. The natural deposits of the river bank was uncovered as a bank of light brown clay sloping down to the river. Although the Drain was built into the clay of the sloping river bank, the surviving level of the stonework, including the archway and facing stones, would suggest that the arch and wall would have been visible when the Drain was complete and the Abbey was in use.

13.3.2 What was unexpected, was the survival of the small stone built open drain just to the west of the archway. This drain appears to be later than the Abbey Drain and it may relate to the use of the site after the Abbey went out of use in the 16th century and the ground was re-used continuing into the 20th century. No dating material was found from within this drain which stratigraphically lies above the original construction layers of the Drain and below the later tenement levels.

14. Future Access to the Drain

14.3.1 The Big Dig was able to determine that both trenches could be used to provide access to the Abbey Drain in the future, with minimal impact to the underlaying archaeological deposits. Future access could utilise existing areas where the ground has already been disturbed by later building works.

14.1 West End Trench

14.1.1 The West End Trench located beyond the manhole which provides the existing access to the Abbey Drain established that the original exit to the Drain and precinct wall did survive and could in the future be utilised to provide access to the Drain. The excavation not only uncovered the top of the original archway, and rubble core of the roof and walls, but also the depth of the original ground level of the river bank. The archway and precinct wall appear to be built into the river bank and the floor level of the drain does not reflect the ground level on the exterior. At the arch, an open channel continued towards the river. This was not excavated so the full depth was not exposed, but it is likely to be similar that of the interior of the Drain. While the archway and parts of the precinct wall survive, the upper stonework and facing stones at the western extent have been robbed out. Only the lower course and core of the wall or foundations survive. This area has also been subject to building, demolition and landscaping in the 19th and 20th centuries, which has disturbed much of the upper layers. Similarly, to the south (next to the river), the edge of the foundation trench for a large sewer pipe was uncovered close to the existing footpath. The discovery of the point where the ground has already been disturbed by the pipe marks the maximum size of the area available to create a new access/exit to the Drain. Further research may determine how deep that pipe is, and whether a new access could encroach into the material covering the pipe (as the pipe is likely to be much deeper than that required to provide access to the Drain).

14.2 Middle Section Trench

14.2.1 The middle section trench was located to assess the impact that the concrete repairs to the roof of the Abbey Drain which took place in the early 20th century, had on the surrounding deposits, and if any medieval or later buildings or features survived in the immediate vicinity of the repair. The Big Dig was able to establish that access to the roof of the Drain was quite restricted and the trench that was excavated to reach the roof was limited to the approximate width of the Drain, and did not extend much beyond the end of the repaired section to the west. It also identified features and deposits that date to the 18th century that were located on either side of the earlier trench. These features appeared to be related to construction, or more likely demolition works after the monastery had gone out of use. These consisted of several linear features that were filled with sand, mortar and stone fragments. No intact foundations or structures were uncovered within the trench, apart from the bitumen surface and brick foundation which probably dates to the late 19th century (if not the 20th century).

14.2.2 Utilising the original trench (that was excavated to investigate and repair the roof of the Drain), to provide future access, would only work if it was linked to the present access manhole. A new access point would need to remove the manhole to reach the floor of the Drain. As the repair was only to the roof of the Drain, that work did not affect the walls or floor so any large scale work to create a new access point, would affect the walls and floor of the Drain. Similarly, while the brickwork goes to floor level, the type and significance of the deposits behind the brickwork is currently unknown.

15. Further Work

15.1 The main discovery of the Big Dig was the archway that forms the exit of the Abbey Drain towards the river, along with part of the precinct wall that would have surrounded the grounds of the Abbey. The Big Dig has shown that medieval deposits and structures survive along with post-medieval to modern deposits. These features all add to the history of the Abbey and the town of Paisley itself. At the West End Trench it would be possible to undertake further

excavation to expose the complete archway and more of the precinct wall, while preserving or avoiding those later deposits and structures.

- 15.2 A small excavation to the south of the manhole could expose more of the precinct wall and allow for the full excavation of the archway from the Drain. This would also define the channel leading to the river, which would require part of the channel to be excavated. The size of the trench would be limited by the nearby trees, the trench for the large sewer pipe and the footpath next to the river. The Wi-Fi cable would also need to be supported again during the excavation. To reach the required depth to reveal the complete arch, the trench would need to be approximately 3 m deep which would require a trench 6 m by 6 m that would be stepped at 1 m depth and then a 4 m by 4 m trench would be excavated to another 1 m. The trench would then be stepped in again and a trench 2 m by 2m would be excavated to a maximum depth of 1 m or 3 m from the surface. A trench this size would overlap with the 2019 trench and would need to be carefully positioned to locate the archway, precinct wall and outflow channel. A machine could be used to remove the backfill material to ensure that more time and resources would be spent on investigating the archaeology.

16. Recommendations

- 16.1 The archaeological investigations carried out on top of the Abbey Drain so far revealed significant archaeological deposits, features and structures, and recovered artefacts from the medieval period through to the modern period. In order to fully understand the construction of the Abbey Drain, it is advised that once all the investigations are complete, a programme of post-excavation analysis is undertaken to bring the results of all the investigations to publication. This would enable the results from the first investigations (which exposed the Abbey Drain from the outside), to be used to refine earlier interpretations on the construction and dating of the Abbey Drain, and to inform future research.
- 16.2 GUARD Archaeology Ltd would stress that these recommendations are intended for guidance only. While these recommendations are developed in accordance with ClfA Standards and Guidelines, final decisions on the nature and extent of any future archaeological work rest with the planning authority.
- 16.3 A summary of the project results will be submitted to *Discovery and Excavation in Scotland*. A copy of this is included in Appendix F. The archive for the project, including a copy of the report, will be submitted to the National Record of the Historic Environment (NRHE), within six months of the completion of all fieldwork.
- 16.4 The online OASIS form at <http://ads.ahds.ac.uk/project/oasis/> for this project (OASIS Reference: guardarc1-361934) will be completed within 3 months. Once the Data Structure Report has become a public document (by submission to or incorporation into the SMR), the West of Scotland Archaeological Service will validate the OASIS form, thus placing the information into the public domain on the OASIS website.

17. Acknowledgements

- 17.1 GUARD Archaeology would like to thank Renfrewshire Council (for commissioning the work) and the National Lottery Heritage Fund (NLHF), Historic Environment Scotland and Paisley Abbey for their help and support. We would also like to thank Mark Hughes and Lynn Hollands from the Renfrewshire Council Regeneration Team who helped make the Big Dig run so smoothly. Particular thanks go to the members of the Renfrewshire Local History Forum and all the other volunteers for their help during the field work, we could not have done it without them. The investigations were directed by Dr Anthony Byledbal and Bob Will with assistance from John-James Atkinson, Eddie Perez-Fernandez, Orla Craig, Hannah Dunn, Charlotte Hunter, Ellie James, Dave McNicol, Nieves Ruiz-Nieto, Julie Thomas and Erica Willis from GUARD Archaeology Ltd. Technical support was from Aileen Maule, Clark Innes and Jen Cochrane. The report was written by Dr Anthony Byledbal and Bob Will, with the illustrations produced by Jennifer Simonson and Jordan Barbour. The report was desk top published by Gillian Sneddon. The project was managed for GUARD Archaeology Ltd by Bob Will.

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**The 'Big Dig at Paisley Abbey Drain 2019'.
Archaeological Excavation
Data Structure Report**

Section 2: Appendices



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Appendices

Appendix A: Big Dig Poster/flyer

The Big Dig at Paisley Abbey Drain

21 May to 12 July 2019

Renfrewshire Council and GUARD Archaeology Ltd with support from the National Lottery Heritage Fund, Historic Environment Scotland and Renfrewshire Local History Forum are carrying out archaeological investigations at Paisley Abbey Drain to find out more about the form, condition and construction of this mysterious underground structure. Excavation will take place in two trenches, one located at the end of the drain where it turns towards the River Cart and the other in the middle where the roof of the drain has been damaged and repaired with concrete.

Come Along and Join In

The excavation will run over eight consecutive weeks on **Mondays to Fridays from 10.00-16.00.**

Hands-on training will be available with a range of tasks to suit all ages and abilities.

Weekly Site Talks and Tours: Fridays at 12.30

A short talk and site tour will be given each Friday to discuss progress and the results of the excavation. Meet at the site gate on Abbey Close.

Workshops and Lunchtime Talks

During the Big Dig, a series of free workshops and talks on various aspects of archaeological investigation will take place in the North Transept of Paisley Abbey. All are welcome and there is no need to book.

- **Wednesday 26 June – human remains and archaeology with Iraia Arabaolaza**
 - Workshop: 10 – 12 noon
- **Saturday 29 June – artefacts and the Abbey Drain with Bob Will**
 - Workshop: 10 – 12 noon
 - Lunchtime talk: 12.30 – 13.15
- **Thursday 11 July – plant remains and archaeology with Dr Susan Ramsay**
 - Workshop: 10 – 12 noon
 - Lunchtime talk: 12.30 – 13.15

Have your say

#AbbeyDrainBigDig



Appendix B: Heritage Hero Certificate

HERITAGE HERO® EXPLORER AWARD



This is to certify that

Has successfully achieved the

Heritage Hero® Explorer Award

for discovering heritage

Awarded by:



In partnership with:





HISTORIC
ENVIRONMENT
SCOTLAND

ÀRAINNEACHD
EACHDRAIDHEIL
ALBA




Signed: 

Eila Macqueen
Director
Archaeology Scotland

Date: 19.7.19



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HISTORIC ENVIRONMENT SCOTLAND

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Appendix C: List of Contexts

Context No	Area	Description	Interpretation
1001	MST	Deposit: Friable brown silty loam with roots, and infrequent gravel and small stones. Measured 0.2-0.3 m thick and extended the whole trench.	Topsoil.
1002	MST	Structure: Feature constituted of solid bricks; ten forming three rows of white bricks bearing the name 'HULFORD' on it, and eight mixed of white and red bricks laid on the stretcher face. Measured 1.15 m long by 0.64 m wide. Orientation: N-S.	Modern brick structure.
1003	MST	Structure: Bitumen floor. Measured 4.57 m long by 4.58 m wide and 0.05-0.15 m thick. Orientation E-W. Sub-triangular shape. This layer bore one 0.17 m wide strip imprint running east-west on 3.4 m long, and four smaller 0.1 m wide strip imprints running north-south on 0.2-1.5 m long, two of them were found to the south of the larger strip and two others less visible to the north of it; may be imprints of timber beams of a light building. Truncated by trench [1007]. Similar to [1029]	Bitumen floor laid in the backyard of a 19th century tenement building.
1004	MST	Deposit: Firm grey/white gravelly sand with gravel type 1 inclusions. Not fully excavated. Similar to (1005).	Bedding layer for bitumen floor [1003] packed around brick feature [1002].
1005	MST	Deposit: Firm light grey gravelly sand with very frequent gravel and rubble. Measured 0.2-0.25 m thick and extended beneath [1003] and [1029]. Truncated by trench [1007]. Similar to [1029].	Bedding layer for [1003].
1006	MST	Deposit: Firm brown silty clay with sand and gravel inclusions. Measured 0.15 m thick and extended 1.0 m.	Compacted soil from demolition and/or landscaping works.
1007	MST	Cut: Linear trench presenting sharp break of slope, vertical slope sides and flat base. Measured 3.6 m long by 1.8 m wide and 1.6-1.8 m deep. Orientated: NW-SE.	Cut of trench dug in 1912 to access the top of the medieval drain.
1008	MST	Fill: Firm dark brown/grey silty clay with infrequent medieval stonework blocks and modern rubble. Measured up to 0.62 thick and extended 3.6 m.	Top fill of trench [1007].
1009	MST	Deposit: Firm brown silty clay with infrequent small and medium sub-rounded stones. Measured 0.23 m thick and extended 3.65 m. Truncated by trench [1014].	Demolition/landscaping layer.
1010	MST	Deposit: Firm yellow/light brown silty clay with frequent small and medium sub-angular stones. Measured 0.33-0.45m thick and extended 2.8 m. Truncated by trench [1014].	Demolition/landscaping layer.
1011	MST	Fill: Friable mid-brown silty sand with pockets of mortar, bricks, tarmac fragments, and small, medium and large stones. Measured 1.0 m and extended 3.8 m.	Bottom fill of trench [1007].
1012	MST	Fill: Firm dark brown silty sand with coal flakes and frequent small, medium and large sub-angular stones. Measured 0.3-0.6 m thick and extended 2.9 m.	Single fill of trench [1017].
1013	MST	Deposit: Firm light brown silty sand with infrequent small and medium sub-angular stones. Measured 0.2 m thick and extended 3.25 m.	Demolition/landscaping layer.
1014	MST	Cut: Sub-square trench presenting sharp break of slope and vertical slope sides. Measured 1.1 m long by 0.8-0.9 m wide and was excavated till a depth of 0.9 m. Possible orientation: E-W.	Cut of modern trench, may be related to the construction of the manhole to access the medieval drain [1030].
1015	MST	Fill: Friable brown silty sand with frequent medium and large sub-angular stones. Measured 0.9 m thick and extended 0.8-0.9 m.	Fill of trench [1014].
1016	MST	Deposit: Friable light brown/pale yellow silty sand with slate fragments, and small and medium sub-angular stones. Measured 0.6 m thick and extended 0.6 m. Truncated by trenches [1007] and [1014].	Possible landscaping layer.
1017	MST	Cut: Linear trench presenting gradual break of slope, steep slope sides and a flat base. Measured 2.7 m long by 1.0-1.1 m wide and 0.45 m deep. Orientation: E-W. Truncated by trenches [1007] and [1014].	Cut of trench, associated with trenches [1020], [1021], [1035] and [1038].
1018	MST	Fill: Firm dark brown silty sand with coal flakes and frequent small, medium and large sub-angular stones. Measured 0.15 m thick and extended 1.1 m.	Single fill of trench [1020].

Context No	Area	Description	Interpretation
1019	MST	Structure: Linear stone feature. Measured 2.6 m long by 0.4 m wide and 0.25 m in height. Orientation: E-W. Constituted of small, medium and large sub-angular stones up to 0.38 m long by 0.38 m wide and 0.12 m deep. Haphazardly laid in fill (1012) along the south edge of trench [1017].	Investigated as a possible linear stone feature, turned out to be haphazardly laid and no obvious anthropogenic build.
1020	MST	Cut: Linear trench presenting gradual break of slope, steep slope sides and a flat base. Measured 1.1 m long by 0.6 m wide and 0.15 m deep. Orientation: E-W. Truncated by trenches [1007] and [1014].	Cut of trench, associated with trenches [1017], [1021], [1035] and [1038].
1021	MST	Cut: Linear trench presenting gradual break of slope, steep slope sides and a flat base. Measured 2.7 m long by 0.6 m wide and 0.5-0.6 m deep. Orientation: E-W. Truncated by [1007].	Cut of trench, associated with trenches [1017], [1020], [1035] and [1038].
1022	MST	Fill: Firm dark brown silty sand with coal flakes and frequent small, medium and large sub-angular stones. Measured 0.5-0.6 m thick and extended 2.7 m.	Single fill of trench [1021].
1023	MST	Deposit: Loose grey/dark grey cinders and ash. Measured 0.1-0.15 m thick and extended the whole trench.	Landscaping layer.
1024	MST	Deposit: Firm mid-brown silty sand with infrequent bricks and stones. Measured 0.3-0.4 m thick and extended the whole trench. Truncated by [1007].	Demolition layer.
1025	MST	Deposit: Friable mid-brown silty sand with small stones, slate fragments, coal flakes and charcoal, and very frequent animal bones. Measured up to 0.55 m thick and extended 2.8 m.	Landscaping layer.
1026	MST	Deposit: Loose light brown/orange sand with mortar and occasional small sub-rounded stones. Measured 0.02-0.08 m thick and extended 1.0 m. Truncated by trench [1007].	Construction works related deposit.
1027	MST	Deposit: Loose beige sand with mortar and occasional small sub-rounded stones. Measured 0.02-0.1 m thick and extended 2.06 m. Truncated by trench [1007].	Construction works related deposit.
1028	MST	Deposit: Friable mid to dark brown sandy silt with frequent charcoal and occasional small and medium sub-angular stones. Measured up to 0.5 m thick and extended 2.06 m. Truncated by trench [1007]. Similar to [1034].	Possible backfill layer of the medieval drain [1030].
1029	MST	Structure: Bitumen floor. Measured 2.92 m long by 2.84 m wide and 0.03-0.05 m thick. Orientation N-S. Sub-triangular shape. Truncated by trench [1007]. Similar to [1029].	Bitumen floor laid in the backyard of a 19th century tenement building.
1030	MST	Structure: Linear drystone arch roof. Exposed on a portion of 2.1 m long. Measured 1.9-2.0 m wide and 0.5-0.6 m in height. Orientation: NW-SE. Smallest visible stone: 0.57 m long by 0.4 m wide and 0.2 m deep; Largest visible stone 0.87 m long by 0.32 m wide and 0.23 m deep. Truncated by concrete roof [1031].	Stone roof slabs of medieval drain.
1031	MST	Structure: Linear concrete roof sloping down to the SE of the trench. Measured 1.5 m long by 0.9 m wide. Orientation: NW-SE.	Concrete roof to replace the original stone arch roof of the medieval drain [1030]. Work done in 1912 when the Council thought to re-use the drain as a sewer.
1032	MST	Deposit: Hard pale yellow/pale beige mortar with sand and gravel inclusions. Measured 0.1-0.2 m thick and extended 0.6 square m.	Mortared stone; could be a repair or leftover material.
1033	MST	Deposit: Friable light brown/pale yellow sandy silt with mortar and gravel, and small and medium sub-angular stones. Measured 0.2-0.25 m thick and extended 2.7 m. Truncated by trench [1007].	Possible demolition layer from medieval building.
1034	MST	Deposit: Friable mid to dark brown sandy silt with frequent charcoal and occasional small and medium sub-angular stones. Measured up to 0.5 m thick and extended up to 1.6 m. Truncated by trench [1007]. Similar to [1028].	Possible backfill layer of the medieval drain [1030].
1035	MST	Cut: Linear trench presenting gradual break of slope (top), concave slope sides, imperceptible break of slope (base), and a flat base. Measured 1.1 m long by 0.9 m wide and 0.1 m deep. Orientation: E-W. Truncated by trenches [1007].	Cut of trench, associated with trenches [1017], [1020], [1021] and [1038].

Context No	Area	Description	Interpretation
1036	MST	Fill: Firm dark brown silty sand with coal flakes and frequent small, medium and large sub-angular stones. Measured 0.1 m thick and extended 1.1 m.	Single fill of trench [1035].
1037	MST	Deposit: Firm brown silty sand very frequent small, medium and large sub-angular and sub-rounded stones. Not fully excavated; extended 1.5 m. Similar to [1042].	Possible backfill layer against the north-east side wall of the medieval drain [1030].
1038	MST	Cut: Linear trench presenting gradual break of slope (top), concave slope sides, imperceptible break of slope (base), and a flat base. Measured 1.1 m long by 0.9 m wide and 0.1 m deep. Orientation: E-W. Truncated by trenches [1007].	Cut of trench, associated with trenches [1017], [1020], [1021] and [1035].
1039	MST	Fill: Firm dark brown silty sand with coal flakes and frequent small, medium and large sub-angular stones. Measured 0.1 m thick and extended 1.1 m.	Single fill of trench [1038].
1040	MST	Deposit: Friable dark brown silty sand with charcoal, slates fragments, and small and medium sub-angular and sub-rounded stones. Measured 0.75 m thick and extended 3.25 m.	Possible demolition layer from medieval building.
1041	MST	Deposit: Friable brown silty sand with frequent charcoal. Measured 0.3 m thick and extended 0.7 m.	Small and localised deposit.
1042	MST	Deposit: Firm brown silty sand with very frequent small, medium and large sub-angular and sub-rounded stones. Not fully excavated and extended 1.5-1.6 m. Similar to [1037].	Possible backfill layer against the south-west side wall of the medieval drain [1030].
2001	WET	Deposit: Friable mid to dark brown silty sand with roots, frequent gravel and infrequent small stones. Measured 0.2 m thick and extended the whole trench.	Topsoil.
2002	WET	Deposit: Heavy light brown clay with infrequent stone inclusions. Measured up to 0.4 m thick and extended the whole trench.	Landscaping layer.
2003	WET	Deposit: Loose grey/dark grey cinders and ash with occasional rubble. Measured 0.5 m thick and extended 4.5 m.	Landscaping layer.
2004	WET	Deposit: Firm dark brown/dark grey brown sandy silt with frequent rubble inclusions. Measured 0.4 m thick and extended 3.5 m.	Demolition layer from 19th century tenement buildings.
2005	WET	Deposit: Compact light to dark yellowish-brown silty sand with frequent rubble and mortar inclusions. Measured up to 1.0 m thick and extended 3.5 m.	Landscaping layer.
2006	WET	Deposit: Compact black/dark grey humic silt with frequent small stone inclusions. Measured up to 0.2 m thick and extended the whole trench. Truncated by concrete duct [2008].	Possible demolition layer.
2007	WET	Fill: Friable dark brown silty sand with pockets of clay and rubble inclusions. Measured up to 2.0 m thick and extended 4.5 m.	Backfill from 2009 archaeological excavation.
2008	WET	Structure: Linear concrete ducting. Measured 1.6 m long by 0.56 m wide and 0.31 m in height. Orientation: N-S. Presence of a timber beam laid in the ducting (2009). Similar to concrete duct [2026].	Concrete duct.
2009	WET	Fill: Friable dark reddish/brown waterlogged timber. Measured 0.25 m thick and extended 1.1 m.	Timber beam in concrete ducting [2008].
2010	WET	Structure: Linear drystone pavement. Measured 1.2 m long by 0.7 m wide and 0.1 m in height. Orientation: E-W.	Possible paving layer of a backyard of a 19th century tenement building.
2011	WET	Structure: Semi-linear rubble spread of sandstone blocks and solid bricks. Measured 1.5 m long by 1.5 m wide and 0.35 m in height. Orientation: E-W.	Rubble spread.
2012	WET	Structure: Rectangular concrete pad with bricks and gravel aggregate. Measured 1.75 m long by 0.95 m wide and 0.4-0.5 m in height. Orientation: N-S. Bore a sub-rectangular imprint on the surface.	Concrete pad; could be associated with [2008] and/or [2026].
2013	WET	Deposit: Loose grey/dark grey cinders and ash. Measured 0.1-0.15 m thick and extended 5.5 m.	Landscaping layer.
2014	WET	Deposit: Firm pale yellowish brown silty sand with frequent small and medium sub-angular and sub-rounded stones. Measured 0.9 m thick and extended 2.8 m.	Demolition backfill of precinct foundation wall trench [2015].

Context No	Area	Description	Interpretation
2015	WET	Cut: Linear trench presenting sharp break of slope (top) and vertical slope side. Measured 1.85 m long by 0.9 m wide and 0.22-0.45 m in height. Orientation: N-S. Not fully excavated due to position in trench.	Cut of trench for foundation of abbey precinct wall [2035].
2016	WET	Deposit: Friable light brown sandy silt with frequent small and medium sub-angular and sub-rounded stones. Measured 0.5 m thick and extended 3.25 m.	Overlying deposit on top of natural riverbank (2024) associated with construction of drain [2020].
2017	WET	Structure: Sub-rounded concrete base re-inforced with steel beams. Measured up to 2.0 m long by 1.2 m wide and 0.2-0.3 m in height.	Concrete base for manhole to access the medieval drain.
2018	WET	Structure: Stone lancet (Gothic) arch. Measured 1.7 m long and 1.2 m in height. Orientation: N-S. Faced drystone. Formed with 6 sub-rectangular blocks measuring up to 0.36 m long by 0.28 m wide; 2 key stones measuring up to 0.3 m long by 0.3 m wide. Not fully excavated; springers not uncovered.	Stone lancet (gothic) arch forming exit [2018] of the medieval drain [2034].
2019	WET	Structure: Triangular shape ceramic pipe. Measured 0.24 m long by 0.15 m wide and 0.18 m in height. Orientation: N-S. Partially excavated.	Ceramic hopper drainage fitting of a 19th century tenement building.
2020	WET	Structure: Linear drystone feature. Measured 1.34 m long by 0.83-1.1 m wide and 0.28 m in height. Orientation: NE-SW. Stones lined with slates.	Possible medieval drystone drain running along north side of medieval drain [2034].
2021	WET	Fill: Friable light brown silty sand with frequent slate fragments, and small and medium sub-angular stones. Measured 0.4-0.5 m thick and extended 1.34 m.	Fill of drain [2020].
2022	WET	Fill: Friable light brown/pale yellow sandy silt with frequent small, medium and large sub-angular stones; some worked as part of a medieval building. Measured up to 0.5 m thick and extended 1.4-2.5 m.	Top fill of natural channel forming the exit [2018] of the medieval drain [2034] into the River Cart.
2023	WET	Deposit: Friable light to mid-brown silty sand with occasional slate fragments and infrequent small subangular stones and gravel. Measured 0.4 m thick and extended 2.3 m.	Overlying deposit on top of (2016) associated with construction of drain [2020].
2024	WET	Deposit: Firm mid-brown clay. Measured 2.2 m long by 2.0 m wide within the trench.	Natural bank of River Cart.
2025	WET	Cut: Rectangular trench presenting sharp break of slope (top and bottom) and vertical slope sides with a flat base. Measured 2.8 m long and up to 1.8-1.9 m in height. Orientation: NE-SW. Not fully excavated.	Cut of trench for 2009 archaeological excavation.
2026	WET	Structure: Linear concrete ducting for two parallel wooden beams. Measured 1.48 m long by 0.8 m wide and 0.3-0.4 m in height. Orientation: N-S. Presence of timber beams in the ducting measuring up to 1.3 m long by 0.1 m wide. Similar to concrete duct [2008]. Truncated by [2027].	Concrete duct.
2027	WET	Cut: Linear trench. Measured 2.01 m long by 0.28 m wide. Orientation: NW-SE. Not fully excavated.	Cut of trench for steel sewer pipe.
2028	WET	Fill: Firm mid-brown/grey sandy clayish silt with roots, pockets of gravel and frequent large sub-angular stones.	Unexcavated fill of trench [2027].
2029	WET	Deposit: Firm mid-brown clay. Measured 1.88 m long by 1.4 m wide within the trench.	Natural built up bank along south side of exit [2018] of medieval drain [2034].
2030	WET	Fill: Friable dark brown silty sand with frequent slate fragments, gravel and large stonework blocks. Measured 0.2 m thick and extended 0.8 m.	Possible bottom fill of natural channel forming the exit [2018] of the medieval drain [2034].
2031	WET	Structure: Sub-circular slate feature. Measured 0.25 m long by 0.2 m wide and 0.1 m in height. Orientation: E-W. Slate built.	Possible support for wooden post.
2032	WET	Structure: Linear drystone feature. Measured 1.23 m long by 0.08 m wide and 0.44 m in height. Orientation: E-W.	Retaining wall associated with construction of drain [2020].
2033	WET	Structure: Linear stone feature. Measured 1.0 m long and 0.39 m in height. Orientation: N-S. Faced stone and mortar construction.	Remnant of abbey precinct wall located south of the exit [2018] of the medieval drain [2034].
2034	WET	Structure: Linear stone feature. Measured 0.92 m long by 1.0 m wide and 0.6 m in height. Orientation: E-W. Stone and mortar construction.	Mortared stone roof of medieval drain.

Context No	Area	Description	Interpretation
2035	WET	Structure: Linear stone feature. Measured 1.5 m long by 1.1 m wide and 0.34 m in height. Orientation: N-S. Remnant of sub-angular stones with mortar construction.	Stone core of abbey precinct wall located south of the exit [2018] of the medieval drain [2034].
2036	WET	Structure: Linear stone feature. Measured 1.0 m long and up to 0.5 m in height. Orientation: N-S. Faced stone and mortar construction.	Remnant of abbey precinct wall located north of the exit [2018] of the medieval drain [2034].

Appendix D: List of Samples

Sample No	Area	Context No	Size	Reason for Sampling				Application/Comments
				Pot	Bone	Lithics	Botanics	
1	MST	1025	1 x L		x			Demolition layer with presence of charcoal and animal bones.
2	MST	1027	1 x L					Sand and mortar layer.
3	MST	1028	1 x L					Backfill located NE side of medieval drain with possible presence of charcoal.
4	MST	1037	1 x L					Backfill located NE side of medieval drain with possible presence of charcoal.
5	WET	2014	1 x L					Fill of trench [2015] for precinct wall foundation.
6	WET	2016	1 x L					Fill deposit on top of river bank (1024).
7	WET	2006	1 x L		x			Humic deposit with animal bones.
8	MST	1037	1 x L					Backfill located NE side of medieval drain with possible presence of charcoal.

Appendix E: List of Drawings

Drawing No	Area	Sheet No	Context No	Subject	Scale
1	MST	1	1002/1003/1004/1006/1008	Post-ex plan of modern brick feature 1002 and bitumen floor 1003	1:20
2	MST	3	1008/1007/1011/1014/1015/1016/1018	NW facing section of MST Step 2	1:10
3	MST	3	1008/1011	NE facing section of MST Step 2	1:10
4	MST	2	1003/1005/1007/1009/1010/1012/1013/1034	SE facing section of MST Step 2	1:10
5	MST	2	1003/1005/1006/1008/1009/1010/1012/1015/1017/1018	SW facing section of MST Step 2	1:10
6	WET	6	2001/2002/2003/2004/2010/2011/2012	SE facing section of WET Step 1	1:10
7	MST	4	1012/1017/1018/1020/1021/1022	SW facing section of slot in MST Step 2	1:10
8	MST	5	1001/1023/1024	SE facing section of MST Step 1	1:20
9	MST	5	1001/1023/1024	NW facing section of MST Step 1	1:20
10	MST	4	1007/1011/1012/1014/1015/1017/1018/1019/1020/1021/1022	Post-ex plan of possible linear stone feature 1019	1:20
11	MST	4	1007/1011/1014/1015/1017/1020/1021/1027	Post-ex plan of possible demolition trenches 1017, 1020 and 1021	1:20
12	WET	6	2010/2011/2012	Post-ex plan of modern concrete remnants 2010, 2011 and 2012	1:20
13	WET	6	2001/2002/2003/2004/2013	NE facing section of WET Step 1	1:10
14	WET	7	2004/2008/2009/2010/2012	Mid-ex plan of concrete duct 2008	1:10
15	WET	8	2007/2014/2015/2016/2018/2020	Pre-ex plan of WET Step 2	1:20
16	MST	9	1007/1011/1025/1028/1030/1031/1032	Pre-ex plan of MST Step 3 showing top of medieval drain 1030	1:20
17	WET	8B	2020	Post-ex plan of possible medieval drain 2020	1:20
18	MST	5	1025/1026/1027/1028/1037	SE facing section of MST Step 3	1:20
19	MST	5	1025/1027/1028	SW facing section of MST Step 3	1:20

Drawing No	Area	Sheet No	Context No	Subject	Scale
20	MST	5	1011/1025/1026/ 1027/1028/1037	NW facing section of MST Step 3	1:20
21	WET	10	2003/2005/2006/ 2007/2017/2018	W facing section of WET Step 2	1:10
22	WET	10	2005/2018	Profile of exit 2018 of medieval drain 2034	1:10
23	WET	8	2006/2008/2020/ 2023/2021/2022	NNE facing section of WET Step 2	1:10
24	WET	11	2014/2015/2016/ 2018/2020/2022/2024	Mid-ex plan of WET Step 2	1:20
25	WET	12	2004/2006/2007/ 2014/2023/2024/2025	SW facing section of WET Step 2	1:10
26	WET	13	2004/2006/2016/ 2023/2024	SE facing section of WET Step 2	1:10
27	MST	14	1007/1033/1035/ 1036/1038/1039/1040	Pre-ex plan of possible demolition trenches 1035 and 1038	1:20
28	MST	15	1035/1038	Post-ex plan of possible demolition trenches 1035 and 1038	1:20
29	WET	16	2002/2003/2004/ 2008/2009/2026/2027/2028	Post ex plan of concrete structure [2026], [2008], [2027]	1:20
30	MST	17	1028/1030/1031/ 1032/1034/1037	Post-ex plan of MST Step 3 showing medieval drain 1030 and concrete roof 1031	1:20
31	MST	18	1007/1008/1011/ 1027/1033/1034/1035/1040	NW facing section of extension of MST Step 2	1:10
32	MST	19	1007/1008/1024/ 1027/1033/1034/1035/1040	SE facing section of extension of MST Step 2	1:10
33	MST	19	1033/1034/1040/1041	NE facing section of extension of MST Step 2	1:10
34	MST	5B	1030/1034	SE facing section of extension of MST Step 3	1:20
35	MST	5C	1034	NW facing section of extension of MST Step 3	1:20
36	MST	20	1028/1030/1031/1034/1037	Post-ex plan of MST Step 3 showing medieval drain 1030 and concrete roof 1031	1:20
37	MST	20	1030/1037/1042	Profile of stone roof slabs of medieval drain 1030	1:10
38	WET	21	2016/2024	NW facing section of slot through 2016	1:10
39	WET	21	2014/2015/2016/2020/2023	N facing section of north side of possible medieval drain 2020	1:10
40	WET	22	2020/2023/2024/ 2029/2030/2032	Profile of natural channel in front of the exit 2018 of medieval drain 2034 and possible medieval drain 2020	1:10
41	WET	22	2005/2006/2018/ 2032/2033/2035	W facing section of exit 2018 of medieval drain	1:10
42	WET	23	2015/2016/2018/2020/2022 /2023/2024/2029/2030/203 1/2033/2034	Post-ex plan of WET Step 2 showing the medieval drain 2034, the possible medieval drain 2020, the remnants of the precinct wall 2033 and 2035, and the slate feature 2031	1:10
43	WET	21	2016/2020/2023/2032	E facing section of slot done in front of possible medieval drain 2020	1:10

Appendix F: List of Finds

Find No	Area	Context No	No of Pieces	Material	Type	Description
1001	MST	1001	1	Metal	Bronze	1 x Victoria penny coin 1876
1002	WET	2005	2	CBM	Tile	2 x ceramic tile fragments
1003	WET	2005	1	Stone	Mortar	1 x mortar (for grinding pigments etc)
1004	WET	2005	3	Glass	Bottle	1 x glass bottle base shard
1005	WET	2005	2	Metal	Fe	2 x nails
1006	WET	2005	12	Ceramic	Pottery	12x post-medieval ceramic sherds including 4 x body sherds with white glaze, 2 x body sherds with brown glaze, 2 x body sherds with white and blue patterned glaze, 1 x body sherd with black glaze, 1 x body sherd with cream glaze, 1 x body sherd with white, blue and purple glaze, and 1 x lid sherd with brown glaze.

Find No	Area	Context No	No of Pieces	Material	Type	Description
1007	WET	2005	4	Bone	Animal	4 x animal bones
1008	WET	2005	3	Shell	Marine	3 x oyster shells
1009	WET	2005	1	Clay	Pipe	1 x clay pipe stem fragment
1010	WET	2008	1	Metal	Fe	1 x nail
1011	WET	2008	1	Metal	Fe	1 x nail
1012	WET	2008	1	Glass	Window	1 x glass window fragment
1013	WET	2008	1	Ceramic	Pottery	1 x modern ceramic body sherd with brown and white glaze
1014	WET	2008	1	Metal	Fe	1 x unidentified metal artefact
1015	WET	2001	2	Bone	Button	2 x bone buttons
1016	WET	2001	4	Ceramic	Pottery	4 x possible medieval ceramic body sherds with green glaze
1017	WET	2001	4	Glass	Bottle	3 x glass bottle base shards; 1 x glass bottle body shard
1018	WET	2001	54	Ceramic	Pottery	54 x modern ceramic rim, body and base sherds with variety of decorations
1019	WET	2001	18	Bone	Animal	18 x animal bones (some saw marks visible)
1020	WET	2001	10	Metal	Fe	10 x nails
1021	WET	2001	7	Ceramic	Pottery	7 x fragments including 1 x black glazed handle sherd, 1 x black glazed rim sherd, 1 x cream glazed rim sherd, 1 x brown and cream glazed slipware rim sherd, 1 x brown glazed body sherd, and 2 x black glazed body sherds.
1022	WET	2001	2	Clay	Pipe	2 x clay pipe stem fragments
1023	WET	2001	5	Glass	Marble	1 x modern glass marble
1024	WET	2001	5	CBM	Tile	4 x tile fragments with brown glaze; 1 x tile fragment with cream glaze
1025	WET	2001	31	Glass	Window	31 x glass window fragments
1026	WET	2001	10	Shell	Marine	10 x marine shells including 8 x oyster shells
1027	WET	2001	16	CBM	Tile	16 x ceramic tile fragments
1028	WET	2001	2	CBM	Chimney	2 x chimney fragments with sooting/burning
1029	WET	2001	1	Metal	Lead	1 x lead fragment
1030	WET	2001	1	Metal	Lead/Zinc	1 x pipe/tube
1031	WET	2001	1	Metal	Fe	1 x nail
1032	WET	2001	1	Ceramic	Pottery	1 x ceramic decorated body sherd
1033	MST	1001	1	Metal	Copper-Nickel	1 x Elizabeth ten pence coin 1992
1034	MST	1001	1	Bone	Animal	1 x carved lathe
1035	MST	1001	1	Bone	Animal	1 x carved bone ring
1036	MST	1001	1	Shell	Marine	1 x marine shell
1037	MST	1001	1	Shell	Button	1 x button with 2 holes
1038	MST	1001	1	Metal	Fe	1 x horseshoe
1039	MST	1001	17	Glass	Bottle	9 x glass bottle body shards; 2 x glass bottle neck shards; 2 x glass bottle base shards
1040	MST	1001	13	Glass	Bottle	8 x glass bottle body shards; 5 x glass bottle base shards
1041	MST	1001	41	Ceramic	Pottery	41 x modern ceramic rim, body and base sherds with variety of decorations
1042	MST	1001	3	Clay	Pipe	3 x clay pipe fragments
1043	MST	1001	8	Ceramic	Pottery	8 x modern ceramic rim and body sherds with variety of decorations
1044	MST	1001	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with yellow glaze
1045	MST	1001	3	Ceramic	Pottery	1 x industrial stoneware body sherd fragment; 2 x industrial stoneware rim sherd fragments (1 with decoration)
1046	MST	1001	3	Clay	Bottle Stopper/Marble	3 x clay bottle stoppers/marbles, including 1 broken

Find No	Area	Context No	No of Pieces	Material	Type	Description
1047	MST	1001	1	Ceramic	Pottery	1 x possible industrial stoneware pot foot sherd
1048	MST	1001	4	CBM	Chimney	4 x chimney fragments
1049	MST	1001	17	Bone	Animal	17 x animal bones
1050	WET	2001	16	Ceramic	Pottery	16 x modern ceramic rim, body and base sherd with variety of decorations
1051	WET	2001	1	Bone	Animal	1 x animal bone
1052	WET	2001	2	Glass	Window	2 x glass window fragments
1053	WET	2001	26	Ceramic	Pottery	26 x modern ceramic rim, body and base sherds with variety of decorations
1054	WET	2001	1	Glass	Bottle	1 x glass bottle base shard
1055	WET	2001	3	Metal	Fe	3 x unidentified metal artefact
1056	WET	2005	1	Metal	Copper	1 x George III copper coin 1797
1057	MST	1008	4	Metal	Fe	4 x possible nails
1058	MST	1008	5	Shell	Marine	5 x marine shells
1059	MST	1008	3	Clay	Pipe	3 x clay pipe fragments, including 1 decorated
1060	MST	1008	1	Clay	Bottle Stopper/ Marble	1 x clay bottle stopper/marble fragment
1061	MST	1008	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with green glaze
1062	MST	1008	5	Glass	Bottle	5 x glass bottle body shards
1063	MST	1008	1	Glass	Window	1 x possible medieval glass window fragment
1064	MST	1008	1	Glass	Bottle	1 x glass bottle body shard
1065	MST	1008	1	Ceramic	Pottery	1 x modern ceramic body sherd with brown glaze
1066	MST	1008	1	Ceramic	Pottery	1 x modern trailed slipware body sherd with brown and cream glaze
1067	MST	1008	31	Bone	Animal	31 x animal bone fragments including tooth
1068	MST	1008	5	Shell	Marine	5 x oyster shells
1069	MST	1009	59	Bone	Animal	59 x animal bone fragments
1070	WET	2003	1	CBM	CBM	1 x red and black medium fragment of CBM
1071	WET	2003	1	Metal	Fe	1 x possible nail
1072	WET	2003	5	Ceramic	Pottery	5 x modern ceramic rim and body sherds with variety of decorations
1073	WET	2003	1	Metal	Lead	1 x lead fragment
1074	WET	2003	1	CBM	Brick	Brick fragment with metal rod
1075	WET	2003	1	Clay	Bottle Stopper/ Marble	1 x clay bottle stopper/marble
1076	WET	2003	7	Bone	Animal	7 x animal bones
1077	WET	2003	5	Glass	Bottle	5 x green glass bottle shards
1078	WET	2003	3	Glass	Window	3 x modern glass window fragments
1079	MST	1009	1	Ceramic	Pipe	1 x clay pipe stem fragment
1080	MST	1009	4	Shell	Marine	4 x oyster shells
1081	MST	1009	1	Ceramic	Pottery	2 x possible medieval ceramic body sherd with green glaze
1082	WET	2001	1	Metal	Fe	1 x possible nail
1083	WET	2001	1	Glass	Bottle	1 x green glass shard
1084	WET	2001	7	Bone	Animal	7 x animal bones
1085	WET	2001	3	Ceramic	Pottery	3 x fragments of modern ceramic including 1 x white glazed rim sherd, 1 x white glazed body sherd, 1 x unglazed sherd, orange fabric
1086	WET	2004	6	Bone	Animal	6 x animal bones
1087	MST	1009	39	Bone	Animal	39 x animal bones
1088	WET	2003	2	CBM	Tile	2 x modern ceramic tile fragments with plaster
1089	WET	2003	4	Ceramic	Pottery	4 x modern ceramic rim, body and base sherds
1090	WET	2003	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with green glaze

Find No	Area	Context No	No of Pieces	Material	Type	Description
1091	WET	2003	1	Bone	Animal	1 x animal bone
1092	WET	2003	1	Glass	Window	1 x glass window fragment
1093	WET	2005	14	Bone	Animal	14 x animal bones
1094	WET	2005	2	Shell	Marine	2 x oyster shell fragments
1095	WET	2005	1	Ind. Waste	Fe	1 x worn metal disc/ cap/ token
1096	WET	2005	1	Ceramic	Pottery	1 x body sherd with brown and grey glazed
1097	WET	2005	7	Ceramic	Pottery	7 x modern ceramic rim and body sherds with variety of decorations
1098	WET	2005	1	Ind. Waste	Slag	1 x slag fragment
1099	WET	2005	8	Glass	Bottle	8 x glass bottle shards
1100	WET	2005	2	CBM	Tile	2 x tile fragments
1101	MST	1009	4	Shell	Marine	3 x oyster shells and 1 mussel shell
1102	MST	1009	1	Ceramic	Pottery	1 x possible post-medieval ceramic body sherd with green glaze
1103	MST	1009	45	Bone	Animal	45 x animal bones
1104	MST	1009	1	Bone	Animal	1 x possible animal pelvic bone
1105	MST	1009	2	Metal	Fe	2 x possible nails
1106	MST	1012	16	Bone	Animal	16 x animal bone fragments including tooth
1107	MST	1012	4	Shell	Marine	4 x oyster shell fragments
1108	MST	1012	2	Metal	Nail/Slag	1 possible industrial waste, 1 nail
1109	MST	1012	1	Ceramic	Pottery	1 x possible medieval base sherd with green glaze
1110	MST	1012	1	CBM	Plaster	1 x chunk of plaster
1111	MST	1012	1	Ceramic	Pottery	1 x modern ceramic base sherd fragment with cream glaze
1112	MST	1012	1	Ceramic	Pottery	1 x possible industrial stoneware base sherd with ribbed decoration
1113	MST	1012	1	Glass	Window	1 x glass window fragment
1114	MST	1012	5	Glass	Bottle	1 x glass bottle body shard with moulded seal; 3 x glass bottle body shards; 1 glass bottle base shard
1115	WET	2007	1	Clay	Bottle Stopper/ Marble	1 x clay bottle stopper/marble
1116	WET	2007	1	Ceramic	Pottery	1 x body sherd with green glaze
1117	WET	2007	5	Bone	Animal	5 x animal bone fragments
1118	WET	2007	3	Shell	Marine	2 x oyster shell fragments and 1 clam
1119	WET	2007	1	Ceramic	Pottery	1 x medieval ceramic body sherd with orange and yellow glaze
1120	WET	2007	1	Glass	Bottle	1 x glass bottle body shard
1121	WET	2007	3	Ceramic	Pottery	1 x fibre pattern earthenware; 1 x cream glaze earthenware; 1 x cream glaze stoneware
1122	MST	1012	1	Glass	Bottle	1 x glass bottle neck shard
1123	MST	1012	1	Shell	Marine	1 x half oyster shell
1124	MST	1018	1	Ceramic	Pottery	1 x medieval body sherd with green glaze
1125	MST	1018	1	Ceramic	Pottery	1 x medieval rim cherd fragment with trace of green glaze
1126	MST	1018	13	Bone	Animal	13 x animal bones
1127	MST	1018	1	Ceramic	Pottery	1 x possible modern ceramic body and handle sherd with brown glaze
1128	MST	1018	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with brown glaze
1129	MST	1018	1	Metal	Fe	1 x nail
1130	MST	1012	1	Glass	Bottle	1 x glass bottle shard
1131	MST	1012	2	Glass	Bottle	1 x glass bottle base shard; 1 x glass bottle body shard
1132	MST	1012	1	Metal	Lead	1 x lead off cut
1133	MST	1012	1	Metal	Fe	1 x nail
1134	MST	1012	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze

Find No	Area	Context No	No of Pieces	Material	Type	Description
1135	MST	1012	1	CBM	Tile	1 x possible ceramic roof tile fragment
1136	MST	1012	1	Ceramic	Pottery	1 x possible medieval body sherd with trace of green glaze
1137	MST	1012	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1138	MST	1012	1	Ceramic	Pottery	1 x possible post-medieval ceramic body sherd with green glaze
1139	MST	1012	1	CBM	Tile	1 x possible medieval floor tile fragment with green glaze
1140	MST	1012	1	Ind. Waste	Slag	1 x droplet shaped piece of slag
1141	MST	1012	2	Clay	Pipe	2 x clay pipe stem fragments
1142	MST	1012	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1143	MST	1012	1	Ceramic	Pottery	1 x possible modern ceramic body sherd
1144	MST	1012	1	Metal	Fe	1 x nail
1145	MST	1012	2	Ind. Waste	Slag	2 x slag fragments
1146	MST	1012	57	Bone	Animal	57 x animal bones
1147	MST	1011	5	Bone	Animal	5 x animal bones
1148	MST	1011	1	Glass	Bottle	1 x glass bottle body shard
1149	MST	1011	2	Clay	Pipe	2 x clay pipe stem fragments
1150	MST	1011	1	Ceramic	Pottery	1 x possible modern redware body sherd with cream and red glaze
1151	MST	1011	1	Ceramic	Pottery	1 x medieval ceramic body sherd fragment with trace of green glaze
1152	MST	1011	2	Shell	Marine	2 x oyster shell fragments
1153	MST	1011	1	Ind. Waste	Slag	1 x slag fragment
1154	MST	1012	1	Bone	Unid.	1 x unidentified bone fragment
1155	MST	1022	3	Ceramic	Pottery	3 x medieval ceramic body sherds with green glaze
1156	MST	1022	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze
1157	MST	1022	1	Ceramic	Pottery	1 x medieval redware body sherd with orange glaze
1158	MST	1022	2	Bone	Animal	2 x animal bone fragments
1159	MST	1011	1	Ceramic	Button	1 x possible modern ceramic button
1160	WET	2009	1	Bone	Button	1 x bone button back
1161	WET	2009	1	Ceramic	Pottery	1 x rim sherd with brown glaze
1162	MST	1028	1	Ceramic	Pottery	1 x possible medieval stoneware body sherd
1163	MST	1028	1	Ceramic	Pottery	1 x possible stoneware body sherd with green glaze
1164	MST	1028	1	Ceramic	Pottery	1 x medieval whiteware rim sherd
1165	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze
1166	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1167	MST	1028	1	Ceramic	Pottery	1 x medieval stoneware body sherd with green glaze
1168	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1169	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1170	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1171	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1172	MST	1028	1	Ceramic	Pottery	1 x possible German stoneware body sherd
1173	MST	1028	1	Ceramic	Pottery	1 x possible medieval ceramic handle fragment
1174	MST	1028	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with green glaze
1175	MST	1028	1	Glass	Bottle	1 x glass bottle base shard
1176	MST	1028	1	Ceramic	Pottery	1 x medieval stoneware body sherd with brown glaze
1177	MST	1028	1	Metal	Lead	1 x unidentified lead artefact
1178	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze

Find No	Area	Context No	No of Pieces	Material	Type	Description
1179	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic ribbed decorated body sherd
1180	MST	1028	2	Ceramic	Pottery	2 x medieval ceramic body sherds with green glaze
1181	MST	1028	2	Ceramic	Pottery	2 x medieval ceramic body sherds with green glaze including 1 x decorated
1182	MST	1028	1	Bone	Animal	1 x animal tooth
1183	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic base sherd
1184	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1185	MST	1028	2	Ceramic	Pottery	2 x medieval ceramic body sherd with orange glaze
1186	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1187	WET	2004	1	Glass	Bottle	1 x glass bottle base shard
1188	WET	2004	1	Glass	Bottle	1 x glass bottle base shard
1189	WET	2004	5	Ceramic	Pottery	5 x possible medieval ceramic rim and body sherd with green glaze
1190	WET	2004	4	Glass	Bottle	1 x glass bottle base shard; 3 x glass bottle body shards
1191	WET	2004	1	Ceramic	Pottery	1 x pale grey body sherd with glaze
1192	WET	2004	2	Glass	Bottle	2 x glass bottle body shards
1193	WET	2004	1	metal	Lead	1 x lead fragment
1194	MST	1024	9	Bone	Animal	9 x animal bones
1195	MST	1024	1	Stone	Marble	1 x decorative marble fragment
1196	MST	1024	1	Metal	Fe	1 x small horseshoe
1197	MST	1024	2	Ceramic	Pottery	2 x industrial stoneware: 1 x base sherd with 'LONDON' imprint and 1 x body sherd
1198	MST	1024	1	Glass	Bottle	1 x decorated glass bottle body shard
1199	MST	1024	1	Ceramic	Pottery	1 x medieval ceramic body sherd fragment with green glaze
1200	WET	2006	1	Glass	Bottle	1 x glass bottle base shard
1201	WET	2006	2	Bone	Animal	2 x animal bones
1202	WET	2006	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1203	MST	1011	1	Ceramic	Pottery	1 x medieval stoneware body sherd with green glaze
1204	MST	1011	1	Ceramic	Pottery	1 x modern ceramic body sherd
1205	MST	1011	1	Ceramic	Pipe	1 x clay pipe stem fragment with brown and orange glaze
1206	MST	1011	1	Ceramic	Pottery	1 x modern ceramic base and body sherd with scene from Ivanhoe, and name 'IVANHOE' printed under the base
1207	MST	1011	1	Glass	Bottle	1 x glass bottle neck shard
1208	MST	1011	1	Shell	Marine	1 x shell fragment
1209	WET	1027	1	Stone	Stonework	1 x decorative stoneware fragment
1210	WET	1027	3	Bone	Animal	3 x animal jaw bone fragments with tooth
1211	MST	1027	1	Ceramic	Pottery	1 x body sherd with green glaze
1212	WET	1027	1	Clay	Pipe	1 x clay pipe stem fragment
1213	MST	1027	1	Ceramic	Pottery	1 x ceramic body sherd with glaze on the inside
1214	MST	1012	2	Bone	Animal	2 x animal teeth
1215	MST	1012	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze
1216	MST	1012	1	Metal	Fe	1 x possible nail
1217	MST	1012	1	Ceramic	Pottery	1 x possible German stoneware handle fragment
1218	MST	1008	4	Ceramic	Pottery	4 x medieval ceramic base and body sherds with green glaze
1219	MST	1008	2	CBM	Tile	2 x ceramic tile fragments
1220	MST	1008	1	Clay	Pipe	1 x clay pipe stem fragment
1221	MST	1008	1	Slate	Tile	1 x slate roof tile
1222	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic decorated body sherd with green glaze
1223	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1224	MST	1008	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze

Find No	Area	Context No	No of Pieces	Material	Type	Description
1225	MST	1008	1	Ceramic	Pottery	1 x medieval ceramic body sherd with trace of green glaze
1226	MST	1008	1	Ceramic	Pottery	1 x medieval ceramic rim, body and handle sherd with brown and green glaze
1227	WET	2014	1	Glass	Bottle	1 x glass bottle neck shard
1228	WET	2014	5	Ceramic	Pottery	4 x ceramic body sherds with green glaze; 1 x ceramic body sherd.
1229	WET	2014	24	Bone	Animal	24 x animal bones
1230	WET	2014	2	Shell	Marine	2 x oyster shell fragments
1231	WET	2014	1	Metal	Fe	1 x bolt
1232	WET	2014	1	Ceramic	Pottery	1 x modern whiteware body sherd with white glaze
1233	MST	1025	1	Ceramic	Pottery	1 x German stoneware body sherd with decoration
1234	MST	1025	7	Bone	Animal	7 x animal bones
1235	MST	1025	1	Shell	Marine	1 x oyster shell
1236	MST	1028	5	Shell	Marine	5 x oyster shell
1237	MST	1028	24	Bone	Animal	24 x animal bones
1238	MST	1028	2	Ceramic	Pottery	2 x medieval ceramic body sherds with green glaze, including 1 x decorated
1239	MST	1028	1	Metal	Lead	1 x unidentified lead artefact
1240	MST	1008	4	Bone	Animal	4 x animal bones
1241	MST	1008	1	Glass	Bottle	1 x glass bottle body shard
1242	MST	1008	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with green glaze
1243	MST	1008	7	Clay	Pipe	1 x clay pipe bowl fragment with 'I C G' imprint under the foot, and 6 x clay pipe stem fragments
1244	MST	1034	21	Bone	Animal	21 x animal bones
1245	MST	1034	1	Clay	Pipe	1 x clay pipe bowl and stem fragment with 'C' and 'I' casted on both side of the foot
1246	MST	1034	1	Ceramic	Pottery	1 x medieval decorated stoneware body sherd with green glaze
1247	MST	1034	1	CBM	Tile	1 x possible tile fragment
1248	MST	1040	1	Metal	Silver	1 x Edward I Penny coin 1272-1307
1249	MST	1041	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1250	WET	2014	7	CBM	Mortar	medieval Mortar fragments from possible precinct wall
1251	MST	1008	5	Shell	Marine	5 x oyster shells
1252	MST	1008	2	Ceramic	Pottery	2 x possible medieval stoneware body sherd with green glaze
1253	MST	1008	1	Ceramic	Pottery	1 x industrial stoneware body sherd
1254	MST	1008	2	Metal	Fe	1 x nail; 1 x hook
1255	MST	1008	30	Bone	Animal	30 x animal bones
1256	MST	1028	3	Metal	Fe	3 x possible nails
1257	MST	1028	58	Bone	Animal	58 x animal bones
1258	MST	1037	1	Ceramic	Pottery	1 x medieval stoneware neck and body sherd with green glaze
1259	MST	1037	1	Ceramic	Pottery	1 x medieval ceramic decorated neck and body sherd with green glaze
1260	MST	1037	1	Ceramic	Pottery	1 x medieval ceramic rim sherd
1261	MST	1037	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd
1262	MST	1027	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1263	MST	1037	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1264	WET	2016	1	CBM	Tile	1 x possible roof tile fragment
1265	WET	2016	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1266	MST	1037	2	Metal	Fe	1 x unidentified metal artefact
1267	MST	1036	2	Clay	Pipe	2 x clay pipe stem fragments
1268	MST	1028	1	Slate	Button	1 x slate button

Find No	Area	Context No	No of Pieces	Material	Type	Description
1269	MST	1037	3	Bone	Animal	3 x animal bones
1270	MST	1028	33	Bone	Unid.	33 x possible animal bones
1271	MST	1028	1	Slate	Roof tile	1 x slate roof tile
1272	MST	1036	1	Ceramic	Pottery	1 x medieval ceramic decorated body sherd with yellow glaze
1273	MST	1036	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1274	MST	1036	1	Ceramic	Pottery	1 x possible German stoneware body sherd with brown glaze
1275	MST	1036	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1276	MST	1028	2	Shell	Marine	2 x oyster shells
1277	MST	1036	2	Ceramic	Pottery	2 x medieval ceramic body sherd fragments with green glaze
1278	MST	1036	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1279	MST	1036	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1280	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1281	MST	1028	1	Ceramic	Pottery	1 x medieval green glaze body sherd
1282	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic rim and handle sherd with green glaze
1283	MST	1028	9	Bone	Animal	9 x animal bones
1284	MST	1028	1	Metal	Fe	1 x nail
1285	MST	1028	1	CBM	Tile	1 x medieval ceramic floor tile fragment with trace of green glaze
1286	WET	2024	8	CBM	Mortar	8 x mortar fragments
1287	WET	2024	1	Ceramic	Pottery	1 x ceramic body sherd with green glaze
1288	WET	2024	2	CBM	Mortar	2 x mortar fragments
1289	WET	2024	3	Bone	Animal	3 x animal bones
1290	WET	2024	1	Slate	Roof tile	1 x slate roof tile
1291	MST	1036	1	Bone	Animal	1 x animal bone
1292	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic ribbed decorated handle sherd
1293	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with brown glaze
1294	MST	1034	1	Metal	Fe	1 x nail
1295	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with dark green glaze
1296	MST	1034	68	Bone	Animal	64 x animal bones; 2 x animal teeth, 2 x animal burnt bones
1297	MST	1034	3	Bone	Animal	3 x animal bones
1298	MST	1034	1	Ceramic	Pottery	1 x possible medieval whiteware decorated body sherd with green glaze
1299	WET	2003	4	Bone	Animal	2 x animal bones; 1 x animal tooth; 1 x rib bone fragment
1300	WET	2003	2	Ceramic	Pottery	1 x ceramic bottle rim sherd with brown glaze; 1 x ceramic body sherd with red glaze
1301	WET	2003	1	Ceramic	Pottery	1 x ceramic base sherd with green glaze
1302	WET	2003	1	Ceramic	Pottery	1 x stoneware body sherd
1303	MST	1028	18	Bone	Animal	18 x animal bone fragments; including a large animal rib bone
1304	MST	1028	1	Ceramic	Pottery	1 x medieval stoneware body sherd with brown glaze
1305	MST	1028	6	Bone	Animal	6 x animal bones
1306	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic decorated rim sherd with green glaze
1307	WET	2016	7	Bone	Animal	6 x animal bones; 1 animal tooth
1308	WET	2016	3	Shell	Marine	3 x oyster shells
1309	WET	2016	1	CBM	Tile	1 x possible ceramic roof tile fragment
1310	WET	2003	16	Bone	Animal	16 x animal bones
1311	WET	2003	3	Shell	Marine	2 x oyster shells and 1 limpet

Find No	Area	Context No	No of Pieces	Material	Type	Description
1312	WET	2003	5	Ceramic	Pottery	5 x ceramic sherds including 2 x chinaware sherds with blue and white glaze, 1 x base and 1 x body sherd, 1 x white glazed rim sherd, 1 x pale orange and white glazed body sherd, 1 x white glazed body sherd
1313	WET	2003	1	Ceramic	Pottery	1 x stoneware body sherd
1314	WET	2003	1	Ceramic	Pottery	1 x ceramic handle sherd with brown glaze
1315	WET	2003	3	Glass	Bottle	2 x glass bottle base shards
1316	WET	2003	2	Metal	Button	2 x small buttons
1317	WET	2003	1	CBM	Mortar	1 x mortar fragment
1318	WET	2003	1	Clay	Pipe	1 x clay pipe stem fragment
1319	WET	2003	2	Clay	Bottle Stopper/ Marble	2 x clay bottle stopper/marble
1320	WET	2003	1	Ind. Waste	Coal	1 x coke or coal fragment
1321	WET	2003	3	Metal	Fe	1 x slag; 1 x hook; 1 x nail
1322	WET	2006	2	Bone	Animal	2 x animal bones
1323	WET	2006	3	Ceramic	Pottery	3 x modern white glazed body sherds
1324	WET	2006	1	Ind. Waste	Slag	1 x slag fragment
1325	WET	2022	5	Bone	Animal	5 x animal bones
1326	WET	2022	1	Ceramic	Pottery	1 x chinaware body sherd with blue and white pattern
1327	WET	2022	1	Slate	Roof tile	1 x slate roof tile
1328	WET	2022	1	Shell	Marine	1 x oyster shell
1329	MST	1034	1	Shell	Marine	1 x oyster shell
1330	MST	1034	2	Metal	Fe	2 x nails
1331	MST	1034	23	Bone	Animal	23 x animal bones
1332	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic ribbed decorated rim sherd
1333	WET	2007	1	Glass	Bottle	1 x glass bottle base shard
1334	MST	1042	1	Metal	Fe	1 x nail
1335	WET	2007	4	Bone	Animal	1 x animal vertebrae bone; 3 x animal bone fragments
1336	WET	2007	1	Ceramic	Pottery	1 x modern chinaware body sherd
1337	WET	2007	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1338	WET	2007	1	Ceramic	Pottery	1 x ceramic body sherd
1339	WET	2022	5	Bone	Unid.	5 x unidentified bones
1340	WET	2022	4	CBM	Mortar	4 x mortar fragments
1341	WET	2022	1	Glass	Bottle	1 x glass bottle body shard
1342	WET	2022	1	Shell	Marine	1 x oyster shell
1343	WET	2022	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1344	MST	1011	1	CBM	Tile	1 x ceramic roof tile fragment
1345	MST	1011	1	Ceramic	Pottery	1 x possible post-medieval ceramic body sherd with green glaze
1346	MST	1011	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze
1347	MST	1011	9	Bone	Animal	9 x animal bones
1348	MST	1011	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1349	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1350	MST	1034	7	Bone	Animal	7 x animal bones
1351	WET	2022	1	Ceramic	Pottery	1 x ceramic body sherd
1352	WET	2022	1	Ceramic	Pottery	1 x possible medieval ceramic rim sherd with green glaze
1353	WET	2022	1	Ceramic	Pottery	1 x body sherd with green glaze
1354	WET	2022	1	Ceramic	Pottery	1 x ceramic body sherd with glaze
1355	MST	1011	1	Shell	Marine	1 x oyster shell
1356	MST	1011	4	Shell	Marine	4 x oyster shell

Find No	Area	Context No	No of Pieces	Material	Type	Description
1357	MST	1011	1	Plastic	Button	1 x button
1358	MST	1011	1	Bone	Unid.	1 x burnt bone
1359	MST	1011	7	Bone	Animal	7 x animal bones
1360	MST	1011	1	Glass	Bottle	1 x glass bottle shard
1361	MST	1011	1	Ceramic	Pottery	1 x possible post-medieval ceramic handle sherd with degraded green glaze
1362	MST	1011	1	Ceramic	Pottery	1 x possible medieval ceramic handle sherd with green glaze
1363	MST	1011	1	Bone	Animal	1 x animal jaw bone
1364	MST	1011	1	Glass	Unid.	1 x glass shard
1365	MST	1011	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1366	MST	1011	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1367	MST	1011	1	Ceramic	Pottery	1 x possible medieval body sherd with green glaze
1368	MST	1011	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1369	Unstrat.	Unstrat.	4	Shell	Marine	4 x oyster shells
1370	Unstrat.	Unstrat.	3	Clay	Pipe	3 x clay pipe stem fragments
1371	Unstrat.	Unstrat.	2	Glass	Bottle	2 x glass bottle shards
1372	Unstrat.	Unstrat.	3	CBM	Tile	3 x ceramic tile fragments
1373	Unstrat.	Unstrat.	1	CBM	Tile	1 x roof tile fragment with trace of dark brown glaze
1374	Unstrat.	Unstrat.	1	Ceramic	Pottery	1 x possible medieval body sherd with orange glaze
1375	Unstrat.	Unstrat.	92	Bone	Animal	92 x animal bones
1376	MST	1042	1	Bone	Animal	1 x animal bone
1377	MST	1042	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1378	MST	1034	6	Bone	Animal	6 x animal bones
1379	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1380	MST	1034	1	Shell	Marine	1 x oyster shell
1381	MST	1028	1	Metal	Fe	1 x nail
1382	MST	1028	2	Ceramic	Pottery	2 x medieval ceramic body sherds with green glaze
1383	MST	1028	9	Bone	Animal	9 x animal bones
1384	MST	2016	3	Shell	Marine	3 x marine shells
1385	MST	2016	3	Bone	Animal	3 x animal bones
1386	WET	2016	1	Ceramic	Pottery	1 x ceramic body sherd possibly glazed
1387	MST	2016	1	Glass	Bottle	1 x glass bottle body shard
1388	WET	2016	2	CBM	Tile	2 x possible tile fragments
1389	MST	2016	3	Ind. Waste	Coal	3 x coal fragments
1390	MST	2030	2	Glass	Bottle	2 x glass bottle base shards
1391	MST	2030	1	Ceramic	Pottery	1 x rim sherd, green glaze
1392	MST	2030	1	Bone	Animal	1 x animal bone
1393	MST	1034	6	Shell	Marine	6 x oyster shell
1394	MST	1034	41	Bone	Animal	40 x animal bone fragments; 1 animal tooth
1395	MST	1034	2	Ceramic	Pottery	2 x medieval ceramic base and body sherd with green glaze
1396	MST	1034	1	Ceramic	Pottery	1 x medieval body sherd with yellow glaze
1397	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with brown glaze
1398	MST	1034	1	Ceramic	Gaming Piece	1 x medieval ceramic gaming piece
1399	MST	1034	1	Ceramic	Pottery	1 x possible ceramic roof tile
1400	MST	1011	1	Glass	Bottle	1 x glass bottle base shard
1401	WET	2023	1	Ceramic	Pottery	1 x ceramic body sherd with green glaze
1402	MST	1011	1	Shell	Marine	1 x cockle shell
1403	WET	2023	1	Ceramic	Pottery	1 x ceramic body sherd with green glaze
1404	MST	1011	5	Bone	Unid.	5 x possible animal bones
1405	WET	2023	13	Glass	Bottle	13 x glass bottle body shards

Find No	Area	Context No	No of Pieces	Material	Type	Description
1406	WET	2023	2	Ceramic	Pottery	2 x possible medieval ceramic body sherds with green glaze
1407	WET	2023	1	Ind. Waste	Coal	1 x coke or coal fragment
1408	WET	2023	1	Metal	Fe	1 x nail
1409	WET	2023	4	Bone	Unid.	4 x possible animal bones
1410	MST	1011	1	Clay	Pipe	1 x clay pipe stem fragment
1411	WET	2023	1	Ceramic	Pottery	1 x ceramic body sherd with small area of green glaze remaining
1412	WET	2023	1	Ceramic	Pottery	1 x ceramic base sherd with green glaze
1413	WET	2023	2	Ceramic	Pottery	2 x ceramic base sherds with green glaze
1414	WET	2023	1	Ceramic	Pottery	1 x ceramic base sherd with green glaze
1415	WET	2003	6	Metal	Fe	6 x fragments of possible lantern or bucket
1416	MST	1037	2	Bone	Unid.	2 x possible animal bones
1417	WET	2023	5	Glass	Bottle	4 x glass bottle body shard; 1 x glass bottle base shard
1418	WET	2023	4	Bone	Unid.	4 x possible animal bones
1419	WET	2023	2	Ceramic	Pottery	2 x medieval ceramic body sherds with green glaze
1420	WET	2023	2	Ceramic	Pottery	2 x ceramic body sherds including 1 x green glaze
1421	WET	2023	3	Ceramic	Pottery	1 x ceramic base sherd; 2 x ceramic body sherds possibly glazed
1422	Unstrat.	Unstrat.	1	Stone	Stonework	1 x stonework
1423	WET	2014	1	Stone	Stonework	1 x stonework
1424	WET	2006	1	Stone	Stonework	1 x stonework
1425	WET	2014	1	Stone	Stonework	1 x stonework
1426	WET	2007	1	Stone	Stonework	1 x stonework
1427	WET	2023	1	Stone	Stonework	1 x stonework
1428	MST	1024	1	CBM	Brick	1 x solid brick
1429	MST	1008	1	Stone	Stonework	1 x stonework
1430	MST	1008	3	Stone	Stonework	1 x stonework
1431	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1432	MST	1008	1	Stone	Stonework	1 x stonework
1433	MST	1028	1	CBM	Tile	1 x possible ceramic roof tile fragment
1434	MST	1008	1	Stone	Stonework	1 x stonework
1435	WET	2023	2	Bone	Unid.	2 x possible animal bones
1436	WET	2023	1	Glass	Bottle	1 x glass bottle body shard
1437	MST	1011	1	CBM	Tile	1 x medieval roof tile fragment with trace of green glaze
1438	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1439	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with trace of green glaze
1440	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1441	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1442	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1443	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1444	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic decorated body sherd with green glaze
1445	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1446	MST	1028	1	Ceramic	Pottery	1 x medieval stoneware body sherd with brown glaze
1447	MST	1037	1	Ceramic	Pottery	1 x medieval ceramic decorated body sherd with brown glaze
1448	MST	1028	1	Ceramic	Pottery	1 x medieval stoneware body sherd with trace of green glaze
1449	MST	1028	1	Ceramic	Pottery	1 x medieval stoneware body sherd
1450	MST	1034	2	Ceramic	Pottery	2 x medieval ceramic body sherds with green glaze
1451	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze

Find No	Area	Context No	No of Pieces	Material	Type	Description
1452	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1453	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze
1454	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with green glaze
1455	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic rim sherd with trace of green glaze
1456	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1457	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1458	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1459	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1460	MST	1034	1	Ceramic	Pottery	1 x medieval stoneware body sherd with green glaze
1461	MST	1034	1	Ceramic	Pottery	1 x medieval stoneware body sherd with green glaze
1462	MST	1034	1	Ceramic	Pottery	1 x medieval stoneware body sherd with green glaze
1463	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1464	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with trace of green glaze
1465	MST	1034	1	Ceramic	Pottery	1 x medieval stoneware decorated body sherd with brown glaze
1466	MST	1008	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with brown glaze
1467	MST	1034	1	CBM	Tile	2 x possible roof tile fragments
1468	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic stoneware with green glaze
1469	MST	1028	1	Ceramic	Pottery	1 x medieval whiteware body sherd with green glaze
1470	MST	1028	1	Ceramic	Pottery	1 x medieval ceramic body sherd with green glaze
1471	MST	1034	1	Ceramic	Pottery	1 x medieval stoneware body sherd with brown glaze
1472	MST	1034	1	Ceramic	Pottery	1 x possible stoneware body sherd with trace of brown and green glaze
1473	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd with trace of brown glaze
1474	MST	1034	1	Ceramic	Pottery	1 x medieval ceramic body sherd
1475	MST	1034	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with engraved strips
1476	MST	1034	1	CBM	Tile	1 x possible tile fragment
1477	MST	1037	1	Ceramic	Pottery	1 x medieval stoneware body sherd with green glaze
1478	MST	1037	1	Ceramic	Pottery	1 x medieval stoneware body sherd with brown glaze
1479	MST	1009	1	Ceramic	Pottery	1 x possible medieval ceramic body sherd with green glaze
1480	MST	1009	2	Ceramic	Pottery	2 x possible medieval rim and handle sherds with green glaze
1481	WET	2004	2	Ceramic	Pottery	2 x possible medieval ceramic body sherds with green glaze
1482	WET	2004	1	Ceramic	Pottery	1 x possible medieval body sherd with green glaze
1483	WET	2004	1	Ceramic	Pottery	1 x possible medieval body sherd with green glaze
1484	WET	2004	1	Ceramic	Pottery	1 x possible medieval stoneware ribbed decorated body sherd with green glaze
1485	Unstrat.	Unstrat.	1	Ceramic	Pottery	1 x possible medieval ceramic with green glaze
1486	Unstrat.	Unstrat.	1	Ceramic	Pottery	1 x possible medieval ceramic with green glaze
1487	WET	2001	1	Clay	Bottle Stopper/ Marble	1 x possible bottle stopper/marble
1488	MST	1001	1	Metal	Fe	1 x coat hook
1489	MST	1001	1	Metal	Fe	1 x unidentified metal artefact
1490	MST	1001	1	Metal	Fe	1 x unidentified ornamental piece

Find No	Area	Context No	No of Pieces	Material	Type	Description
1491	MST	1001	1	Metal	Fe	1 x unidentified metal artefact
1492	MST	1001	1	Metal	Fe	1 x unidentified metal artefact
1493	WET	2007	1	Glass	Bottle	1 x green glass bottle body shard
1494	WET	2001	2	Glass	Window	2 x red glass window fragments
1495	WET	2001	4	Glass	Bottle	4 x green glass bottle body shards
1496	WET	2001	1	Glass	Cup	1 x purple glass handle shard
1497	WET	2001	1	Glass	Bottle	1 x glass bottle base shard
1498	WET	2001	1	Glass	Bottle	1 x glass bottle body shard
1499	WET	2001	1	Glass	Bottle	1 x glass bottle neck shard
1500	WET	2001	1	Glass	Bottle	1 x glass bottle body shard
1501	WET	2001	1	Glass	Bottle	1 x glass bottle body shard
1502	WET	2001	1	Glass	Bottle	1 x glass bottle body shard
1503	WET	2004	1	Glass	Bottle	1 x glass bottle base shard
1504	WET	2004	1	Glass	Bottle	1 x glass bottle body shard
1505	WET	2007	1	Glass	Bottle	1 x glass bottle base shard
1506	WET	2007	1	Glass	Bottle	1 x glass bottle body shard
1507	WET	2014	1	Glass	Bottle	1 x glass bottle neck shard
1508	WET	2014	2	Glass	Bottle	2 x glass bottle body shards
1509	WET	2001	1	Glass	Bottle	1 x glass bottle base shard
1510	MST	1024	1	Glass	Bottle	1 x glass bottle body shard
1511	MST	1012	6	Glass	Window	6 x glass window fragments
1512	MST	1012	1	Glass	Bottle	1 x glass bottle body shard
1513	MST	1012	4	Glass	Bottle	4 x glass bottle body shards
1514	MST	1012	1	Glass	Bottle	1 x glass bottle base shard
1515	MST	1012	1	Glass	Bottle	1 x glass bottle body shard
1516	MST	1012	1	Glass	Bottle	1 x glass bottle body shard
1517	MST	1012	1	Glass	Vessel	1 x possible glass vessel shard
1518	MST	1011	2	Glass	Bottle	2 x glass bottle shards
1519	MST	1001	1	Glass	Bottle	1 x glass bottle body shard
1520	MST	1001	1	Glass	Bottle	1 x glass bottle neck shard
1521	MST	1001	1	Ceramic	Pottery	1 x modern ceramic body sherd
1522	MST	1022	1	Bone	Animal	1 x animal jaw bone with teeth

Appendix G: List of Photographs

Film No.	001		4965_Film1: Images 4965_1_(1).jpg to 4965_1_(64).jpg	
Frame	Area	Context No.	Subject	Taken from
1			ID shot	
2	Medieval Drain		View of the inside of the medieval drain	
3	Medieval Drain		View of the inside of the medieval drain	
4	Medieval Drain		View of the inside of the medieval drain	
5	Medieval Drain		View of the inside of the medieval drain	
6	Medieval Drain		View of the inside of the medieval drain	
7	Medieval Drain		View of the inside of the medieval drain	
8	Medieval Drain		View of the inside of the medieval drain	
9	Medieval Drain		View of the inside of the medieval drain	
10	Medieval Drain		View of the inside of the medieval drain	
11	Medieval Drain		View of the inside of the medieval drain	
12	Medieval Drain		View of the inside of the medieval drain	
13	Medieval Drain		View of the inside of the medieval drain	
14	Medieval Drain		View of the inside of the medieval drain	
15	Medieval Drain		View of the inside of the medieval drain	
16	Medieval Drain		View of the inside of the medieval drain	
17	Medieval Drain		View of the inside of the medieval drain	
18	Medieval Drain		View of the inside of the medieval drain	

Frame	Area	Context No.	Subject	Taken from
19	Medieval Drain		View of the inside of the medieval drain	
20	Medieval Drain		View of the inside of the medieval drain	
21	Medieval Drain		View of the inside of the medieval drain	
22	Medieval Drain		View of the inside of the medieval drain	
23	Medieval Drain		View of the inside of the medieval drain	
24	Medieval Drain		View of the inside of the medieval drain	
25	Medieval Drain		View of the inside of the medieval drain	
26	Medieval Drain		View of the inside of the medieval drain	
27	Medieval Drain		View of the inside of the medieval drain	
28	Medieval Drain		View of the inside of the medieval drain	
29	Medieval Drain		View of the inside of the medieval drain	
30	Medieval Drain		View of the inside of the medieval drain	
31	Medieval Drain		View of the inside of the medieval drain	
32	Medieval Drain		View of the inside of the medieval drain	
33	Medieval Drain		View of the inside of the medieval drain	
34	Medieval Drain		View of the inside of the medieval drain	
35	Medieval Drain		View of the inside of the medieval drain	
36	Medieval Drain		View of the inside of the medieval drain	
37	Medieval Drain		View of the inside of the medieval drain	
38	Medieval Drain		View of the inside of the medieval drain	
39	Medieval Drain		View of the inside of the medieval drain	
40	Medieval Drain		View of the inside of the medieval drain	
41	Medieval Drain		View of the inside of the medieval drain	
42	Medieval Drain		View of the inside of the medieval drain	
43	Medieval Drain		View of the inside of the medieval drain	
44	Medieval Drain		View of the inside of the medieval drain	
45	Medieval Drain		View of the inside of the medieval drain	
46	Medieval Drain		View of the inside of the medieval drain	
47	Medieval Drain		View of the inside of the medieval drain	
48	Medieval Drain		View of the inside of the medieval drain	
49	Medieval Drain		View of the inside of the medieval drain	
50	Medieval Drain		View of the inside of the medieval drain	
51	Medieval Drain		View of the inside of the medieval drain	
52	Medieval Drain		View of the inside of the medieval drain	
53	Medieval Drain		View of the inside of the medieval drain	
54	Medieval Drain		View of the inside of the medieval drain	
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56	Medieval Drain		View of the inside of the medieval drain	
57	Medieval Drain		View of the inside of the medieval drain	
58	Medieval Drain		View of the inside of the medieval drain	
59	Medieval Drain		View of the inside of the medieval drain	
60	Medieval Drain		View of the inside of the medieval drain	
61	Medieval Drain		View of the inside of the medieval drain	
62	Medieval Drain		View of the inside of the medieval drain	
63	Medieval Drain		View of the inside of the medieval drain	
64	Medieval Drain		View of the inside of the medieval drain	
Film No.	002		4965_Film2: Images 4965_2_(1).jpg to 4965_2_(56).jpg	
01			ID shot	
02	MST	1001, 1023, 1024	Working shot in Step 1 of Middle Section Trench (MST)	S
03	MST	1001, 1023, 1024	Working shot in MST Step 1	E
04	MST	1001, 1023, 1024	Working shot in MST Step 1	N
05	MST	1001, 1023, 1024	Working shot in MST Step 1	S
06	MST	1001, 1023, 1024	Working shot in MST Step 1	S
07	WET	2001, 2002	Working shot in Step 1 of Western End Trench (WET)	E
08	WET	2001, 2002	Working shot in WET Step 1	S

Frame	Area	Context No.	Subject	Taken from
09	WET	2001, 2002	Working shot in WET Step 1	S
10	WET	2001, 2002	Working shot in WET Step 1	S
11	WET	2001, 2002	Working shot in WET Step 1	N
12	WET	2001, 2002	Working shot in WET Step 1	N
13	MST	1002, 1024	Shot showing brick layer feature [1002] in MST Step 1	NW
14	MST	1002, 1024	Shot showing brick layer feature [1002] in MST Step 1	NW
15	MST	1002, 1003, 1024	Shot showing bitumen layer [1003] with wooden bims footprint in MST Step 1	NW
16	MST	1002, 1003, 1024	Shot showing bitumen layer [1003] with wooden bims footprint in MST Step 1	NW
17	MST	1002, 1003, 1024	Shot showing bitumen layer [1003] with wooden bims footprint in MST Step 1	NW
18	MST	1002, 1003, 1024	Shot showing bitumen layer [1003] with wooden bims footprint in MST Step 1	SE
19	MST	1002, 1003, 1024	Shot showing bitumen layer [1003] with wooden bims footprint in MST Step 1	SE
20	WET	2001, 2002	Working shot in WET Step 1	SW
21	WET	2001, 2002	Working shot in WET Step 1	S
22	WET	2001, 2002	Working shot in WET Step 1	W
23	WET	2001, 2002	Working shot in WET Step 1	W
24	MST	1001, 1023, 1024	Working shot in MST Step 1	NW
25	MST	1001, 1023, 1024	Working shot in MST Step 1	W
26	MST	1001, 1023, 1024	Working shot in MST Step 1	S
27	WET	2001, 2002	Working shot in WET Step 1	SW
28	WET	2001, 2002	Working shot in WET Step 1	SW
29	WET	2001, 2002	Working shot in WET Step 1	SW
30	WET	2001, 2002	Working shot in WET Step 1	SW
31	WET	2001, 2002	Working shot in WET Step 1	SW
32	WET	2001, 2002	Working shot in WET Step 1	N
33	MST	1001, 1023, 1024	Working shot in MST Step 1	S
34	MST	1001, 1023, 1024	Working shot in MST Step 1	S
35	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	SE
36	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	SE
37	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	S
38	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	S
39	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	N
40	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	N
41	MST	1002, 1003, 1004, 1024	Shot showing brick layer feature [1002] in relation with bitumen layer [1003] in MST Step 1	N
42	MST	1002, 1003, 1004, 1024	Shot showing brick layer feature [1002] in relation with bitumen layer [1003] in MST Step 1	N
43	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	S
44	MST	1002, 1003, 1007, 1008, 1024	Shot showing bitumen layer [1003] cut along the south side by 1912 trench [1007] in MST Step 1	S
45	WET	2001, 2002	Working shot in WET Step 1	N
46	MST	1003, 1005	Working shot in MST Step 1	NE
47	MST	1003, 1005	Shot showing bedding layer [1005] after removal of bitumen layer [1003] in MST Step 2	NE
48	MST	1003, 1005, 1007, 1008	Shot showing bedding layer [1005] after removal of bitumen layer [1003] in MST Step 2	NW

Frame	Area	Context No.	Subject	Taken from
49	MST	1003, 1005, 1007, 1008	Shot showing bedding layer [1005] after removal of bitumen layer [1003] in MST Step 2	NW
50	MST	1003, 1005, 1007, 1008	Shot showing 1912 trench [1007] after removal of bitumen layer [1003] in MST Step 2	N
51	MST	1003, 1005, 1007, 1008	Shot showing bedding layer [1005] and 1912 trench [1007] after removal of bitumen layer [1003] in MST Step 2	NE
52	MST	1003, 1005, 1007, 1008	Shot showing bedding layer [1005] and 1912 trench [1007] after removal of bitumen layer [1003] in MST Step 2	NW
53	MST	1012, 1017, 1018, 1020, 1021, 1022	Shot showing trenches [1017], [1020] and [1021] appearing in MST Step 2	NW
54	MST	1012, 1017, 1018, 1020, 1021, 1022	Shot showing trenches [1017], [1020] and [1021] appearing in MST Step 2	NW
55	MST	1012, 1017, 1018, 1020, 1021, 1022	Shot showing trenches [1017], [1020] and [1021] appearing in MST Step 2	SE
56	MST	1012, 1017, 1018, 1020, 1021, 1022	Shot showing trenches [1017], [1020] and [1021] appearing in MST Step 2	SE
Film No.	003		4965_Film3: Images 4965_3_(1).jpg to 4965_3_(71).jpg	
01			ID shot	
02	WET	2005	Working shot in WET Step 2	S
03	WET	2005	Working shot in WET Step 2	N
04	MST	1012, 1017, 1018, 1020, 1021, 1022	Working shot in MST Step 2	N
05	MST	1012, 1017, 1018, 1020, 1021, 1022	Working shot in MST Step 2	S
06	MST	1005, 1021, 1022	SW facing section 1 of MST Step 2	SW
07	MST	1005, 1006, 1012, 1014, 1015, 1017, 1018, 1020,	SW facing section 2 of MST Step 2	SW
08	MST	1005, 1006, 1012, 1014, 1015, 1017, 1018, 1020,	SW facing section 2 of MST Step 2	SW
09	MST	1005, 1021, 1022	SW facing section 1 of MST Step 2	SW
10	MST	1014, 1015, 1016	NW facing section 1 of MST Step 2	NW
11	MST	1007, 1008, 1011, 1016	NW facing section 2 of MST Step 2	NW
12	MST	1008, 1011	NE facing section 1 of MST Step 2	NE
13	MST	1008, 1011	NE facing section 2 of MST Step 2	NE
14	MST	1005, 1009, 1010, 1013	SE facing section 1 of MST Step 2	SE
15	MST	1005, 1009, 1010, 1012, 1013	SE facing section 1 of MST Step 2	SE
16	WET	2005, 2014, 2016	Pre-ex shot of WET Step 2	NE
17	WET	-	Working shot in WET Step 2	SE
18	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing parallel trenches [1017], [1020] and [1021], and also haphazardly laid stones [1019] in MST Step 2	NE
19	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing parallel trenches [1017], [1020] and [1021], and also haphazardly laid stones [1019] in MST Step 2	W
20	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing parallel trenches [1017], [1020] and [1021], and also haphazardly laid stones [1019] in MST Step 2	E
21	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing parallel trenches [1017], [1020] and [1021], and also haphazardly laid stones [1019] in MST Step 2	N
22	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing parallel trenches [1017], [1020] and [1021], and also haphazardly laid stones [1019] in MST Step 2	E

Frame	Area	Context No.	Subject	Taken from
23	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing parallel trenches [1017], [1020] and [1021], and also haphazardly laid stones [1019] in MST Step 2	S
24	WET	2020, 2022, 2023	Pre-ex shot of drain [2020] in WET Step 2	S
25	WET	2020, 2022, 2023	Pre-ex shot of drain [2020] in WET Step 2	N
26	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing haphazardly laid stones [1019] located in fill (1012) in MST Step 2	E
27	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing haphazardly laid stones [1019] located in fill (1012) in MST Step 2	W
28	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing haphazardly laid stones [1019] located in fill (1012) in MST Step 2	S
29	MST	1012, 1017, 1018, 1019, 1020, 1021, 1022	Shot showing haphazardly laid stones [1019] located in fill (1012) in MST Step 2	N
30	MST	1017, 1020, 1021, 1025	Shot showing post-ex of parallel trenches [1017], [1020] and [1021] in MST Step 2	E
31	MST	1017, 1020, 1021, 1025	Shot showing post-ex of parallel trenches [1017], [1020] and [1021] in MST Step 2	W
32	MST	1017, 1021, 1025	Shot showing post-ex of parallel trenches [1017] and [1021] in MST Step 2	E
33	MST	1017, 1020, 1025	Shot showing post-ex of parallel trenches [1017] and [1020] in MST Step 2	E
34	MST	1007, 1011, 1020, 1025	Shot showing trench [1020] cut by 1912 trench [1007] in MST Step 2	E
35	WET	2010, 2011, 2012	General view on modern features [2010]: pavement of tenement, [2011]: rubble and [2012]: concrete pad in WET Step 1	NW
36	WET	2010, 2011, 2012	General view on modern features [2010]: pavement of tenement, [2011]: rubble and [2012]: concrete pad in WET Step 1	NE
37	WET	2010, 2011, 2012	General view on modern features [2010]: pavement of tenement, [2011]: rubble and [2012]: concrete pad in WET Step 1	NE
38	WET	2012	Shot detailing the concrete pad feature [2012] in WET Step 1	E
39	WET	2011, 2019	Shot showing rubble along [2010] and around tundish pipe [2019] in WET Step 1	SE
40	WET	2010, 2011	Shot showing the pavement [2010], related to tenement building in WET Step1	S
41	WET	2010, 2011	Shot showing the pavement [2010], related to tenement building in WET Step1	S
42	WET	2010, 2011, 2012	Working shot in WET Step 1	NW
43	WET	2010, 2011, 2012	Working shot in WET Step 1	N
44	WET	2010, 2011, 2012	Working shot in WET Step 1	N
45	MST	1025	Working shot in MST Step 2	SW
46	MST	1025	Working shot in MST Step 2	SW
47	MST	1025	Working shot in MST Step 2	NW
48	WET	2011, 2012, 2019	Shot showing modern features [2011], [2012] and [2019] in WET Step 1	NW
49	WET	2010, 2011, 2019	Shot showing modern features [2010], [2011] and [2019] in WET Step 1	NW
50	WET	2012	Shot showing concrete pad [2012] in WET Step 1	NW
51	WET	2010, 2011, 2012, 2019	Shot showing modern features [2010], [2011], [2012] and [2019] in WET Step 1	N
52	WET	2010, 2011, 2012, 2019	Shot showing modern features [2010], [2011], [2012] and [2019] in WET Step 1	E
53	WET	2012	Shot showing concrete pad [2012] in WET Step 1	NE

Frame	Area	Context No.	Subject	Taken from
54	WET	2010, 2011, 2012, 2019	Shot showing modern features [2010], [2011], [2012] and [2019] in WET Step 1	NW
55	MST	1007, 1011, 1014, 1015, 1017, 1020, 1021, 1025	Post-ex shot showing the parallel trenches [1017], [1020] and [1021] truncated by 1912 trench [1007] and modern trench [1014] in MST Step 2	E
56	MST	1007, 1011, 1014, 1015, 1017, 1020, 1021, 1025	Post-ex shot showing the parallel trenches [1017], [1020] and [1021] truncated by 1912 trench [1007] and modern trench [1014] in MST Step 2	W
57	MST	1007, 1011, 1014, 1015, 1017, 1020, 1021, 1025	Post-ex shot showing the parallel trenches [1017], [1020] and [1021] truncated by 1912 trench [1007] and modern trench [1014] in MST Step 2	S
58	MST	1007, 1011, 1014, 1015, 1017, 1020, 1021, 1025	Post-ex shot showing the parallel trenches [1017], [1020] and [1021] truncated by 1912 trench [1007] and modern trench [1014] in MST Step 2	E
59	MST	1007, 1011, 1014, 1015, 1017, 1020, 1021, 1025	Post-ex shot showing the parallel trenches [1017], [1020] and [1021] truncated by 1912 trench [1007] and modern trench [1014] in MST Step 2	W
60	MST	1007, 1011, 1014, 1015, 1017, 1020, 1021, 1025	Post-ex shot showing the parallel trenches [1017], [1020] and [1021] truncated by 1912 trench [1007] and modern trench [1014] in MST Step 2	W
61	MST	1007, 1011	Shot showing the 1912 trench [1007] dug to access the medieval drain in MST Step 2	SE
62	MST	1007, 1011	Shot showing the 1912 trench [1007] dug to access the medieval drain in MST Step 2	SE
63	MST	1007, 1011	Shot showing the 1912 trench [1007] dug to access the medieval drain in MST Step 2	W
64	MST	1007, 1011	Shot showing the 1912 trench [1007] dug to access the medieval drain in MST Step 2	W
65	MST	1014, 1015	Shot showing modern trench [1014] in MST Step 2	E
66	MST	1021, 1025	Shot showing trench [1021] in MST Step 2	N
67	MST	1021, 1025	Shot showing trench [1021] in MST Step 2	N
68	MST	1017, 1025	Shot showing trench [1017] in MST Step 2	W
69	MST	1017, 1025	Shot showing trench [1017] in MST Step 2	W
70	MST	1020, 1025	Shot showing trench [1020] in MST Step 2	W
71	MST	1020, 1025	Shot showing trench [1020] in MST Step 2	W
Film No.	004	4965_Film4: Images 4965_4_(1).jpg to 4965_4_(72).jpg		
01			ID shot	
02	MST	1001, 1023, 1024	NE facing section 1 of MST Step 1	NE
03	MST	1001, 1023, 1024	NE facing section 2 of MST Step 1	NE
04	MST	1011, 1025, 1026	Post-ex shot of possible mortar layer related to build works in MST Step 3	SE
05	MST	1011, 1025, 1026	Post-ex shot of possible mortar layer related to build works in MST Step 3	NW
06	MST	1025	SW facing section of MST Step 3	SW
07	MST	1025, 1026, 1027	Post-ex shot of possible mortar layer related to build works in MST Step 3	SE
08	MST	1025	SW facing section of MST Step 3	SW
09	MST	1011, 1028	Shot showing deposit layer under (1027)	SE
10	MST	1025, 1026, 1027, 1028	SW facing section of MST Step 3	SW
11	MST	1011, 1025, 1026, 1027, 1028	NW facing section of MST Step 3	NW
12	WET	2011, 2019	Plan shot of rubble [2011] during excavation	NW
13	WET	2011, 2019	Section shot of rubble [2011] during excavation	E
14	WET	2011, 2019	Section shot of rubble [2011] during excavation	E
15	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	NE
16	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	NE

Frame	Area	Context No.	Subject	Taken from
17	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	NE
18	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	SW
19	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	SW
20	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	SW
21	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	W
22	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	W
23	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	N
24	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	N
25	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	SE
26	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	SE
27	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	NW
28	WET	2018, 2020, 2014, 2023	Pre-ex shot showing medieval drains [2018] and [2020]	NW
29	MST	1029	Shot showing bitumen layer [1029] in MST Extension Step 1	NW
30	MST	1029	Shot showing bitumen layer [1029] in MST Extension Step 1	NW
31	WET	2008, 2009	Plan shot of concrete feature [2008] in WET Step 1	SW
32	WET	2008, 2009	Plan shot of concrete feature [2008] in WET Step 1	SW
33	WET	2008, 2009	Section shot of concrete feature [2008] in WET Step 1	NE
34	WET	2018, 2020, 2014, 2023	Mid-ex shot of WET Step 2	NW
35	WET	2018, 2020, 2014, 2023	Mid-ex shot of WET Step 2	NW
36	WET	2006, 2016, 2023	NE facing section of WET Step 2 showing medieval drain [2020]	NE
37	WET	2018, 2020	Mid-ex shot of WET Step 2	NE
38	WET	2020	Pre-ex shot showing medieval drain [2020] in WET Step 2	NE
39	WET	2020	Pre-ex shot showing medieval drain [2020] in WET Step 2	NE
40	WET	2020	Pre-ex shot showing medieval drain [2020] in WET Step 2	NW
41	WET	2020	Pre-ex shot showing medieval drain [2020] in WET Step 2	NE
42	WET	2020	Pre-ex shot showing medieval drain [2020] in WET Step 2	NW
43	WET	2020	Pre-ex shot showing medieval drain [2020] in WET Step 2	NW
44	WET	2020	Pre-ex plan shot showing medieval drain [2020] in WET Step 2	NW
45	WET	2020	Post-ex shot showing medieval drain [2020] in WET Step 2	NE
46	WET	2020	Photogrammetry shot of NW side of medieval drain [2020] in WET Step 2	SE
47	WET	2020	Photogrammetry shot of NW side of medieval drain [2020] in WET Step 2	SE
48	WET	2020	Photogrammetry shot of NW side of medieval drain [2020] in WET Step 2	SE
49	WET	2020	Photogrammetry shot of NW side of medieval drain [2020] in WET Step 2	SE
50	WET	2020	Photogrammetry shot of NW side of medieval drain [2020] in WET Step 2	SE
51	WET	2020	Photogrammetry shot of NW side of medieval drain [2020] in WET Step 2	SE

Frame	Area	Context No.	Subject	Taken from
52	WET	2020	Photogrammetry shot of SE side of medieval drain [2020] in WET Step 2	NW
53	WET	2020	Photogrammetry shot of SE side of medieval drain [2020] in WET Step 2	NW
54	WET	2020	Photogrammetry shot of SE side of medieval drain [2020] in WET Step 2	NW
55	WET	2020	Photogrammetry shot of SE side of medieval drain [2020] in WET Step 2	NW
56	WET	2020	Photogrammetry shot of SE side of medieval drain [2020] in WET Step 2	NW
57	WET	2020	Photogrammetry shot of SE side of medieval drain [2020] in WET Step 2	NW
58	WET	2020	Shot showing NW outside edge of medieval drain [2020] in WET Step 2	NW
59	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NE
60	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NE
61	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NW
62	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NW
63	WET	2020	Post-ex plan shot of medieval drain [2020] in WET Step 2	SW
64	WET	2020	Post-ex plan shot of medieval drain [2020] in WET Step 2	SE
65	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NE
66	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NE
67	MST	1030	Shot showing arch stones roof of medieval drain [1030] from the inside	-
68	MST	1030	Shot showing arch stones roof of medieval drain [1030] from the inside	-
69	MST	1030	Shot showing arch stones roof of medieval drain [1030] from the inside	-
70	MST	1030	Shot showing arch stones roof of medieval drain [1030] from the inside	-
71	MST	1030	Shot showing arch stones roof of medieval drain [1030] from the inside	-
72	MST	1030	Shot showing arch stones roof of medieval drain [1030] from the inside	-
Film No.	005		4965_Film5: Images 4965_5_(1).jpg to 4965_5_(62).jpg	
01			ID shot	
02	MST	1028, 1030	Pre-ex shot showing top of medieval drain [1030] in MST Step 3	NE
03	MST	1028, 1030	Pre-ex shot showing top of medieval drain [1030] in MST Step 3	NE
04	MST	1028, 1030	Pre-ex detail shot showing top of medieval drain [1030] in MST Step 3	N
05	MST	1028, 1030	Pre-ex detail shot showing top of medieval drain [1030] in MST Step 3	N
06	MST	1028, 1030	Pre-ex detail shot showing top of medieval drain [1030] in MST Step 3	W
07	MST	1028, 1030	Pre-ex shot showing top of medieval drain [1030] in MST Step 3	SW
08	MST	1028, 1030	Pre-ex shot showing top of medieval drain [1030] in MST Step 3	SW
09	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	E
10	WET	2020, 2021	Shot showing infill (2021) of medieval drain [2020] in WET Step 2	E
11	WET	2020, 2021	Shot showing infill (2021) of medieval drain [2020] in WET Step 2	E
12	WET	2020	Post-ex plan shot of medieval drain [2020] in WET Step 2	SE
13	WET	2018	Pre-ex shot of medieval drain [2018] in WET Step 2	NW
14	WET	2018	Pre-ex shot of medieval drain [2018] in WET Step 2	NW
15	WET	2018	Pre-ex shot of medieval drain [2018] in WET Step 2	NW

Frame	Area	Context No.	Subject	Taken from
16	WET	2014, 2015	Pre-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	NE
17	WET	2018, 2022	Pre-ex plan shot showing deposit (2022) in front of medieval drain [2018] in WET Step 2	NE
18	WET	2004, 2005, 2018	W facing section of WET Step 2	W
19	WET	2004, 2005, 2018	W facing section of WET Step 2	W
20	WET	2004, 2005, 2007, 2018, 2025	NW facing section of WET Step 2	NW
21	WET	2007, 2023, 2025	SW facing section 1 of WET Step 2	SW
22	WET	2006, 2007, 2014, 2023, 2025	SW facing section 2 of WET Step 2	SW
23	WET	2006, 2016, 2023	SE facing section of WET Step 2	SE
24	WET	2006, 2020, 2021, 2022, 2023	NE facing section 1 of WET Step 2	NE
25	WET	2006, 2020, 2021, 2022, 2023	NE facing section 2 of WET Step 2	NE
26	WET	2006, 2020, 2021, 2022, 2023	NE facing section 3 of WET Step 2	NE
27	WET	2006, 2020, 20221, 2022, 2023	NE facing section 4 of WET Step 2	NE
28	MST	1007, 1011, 1025, 1026, 1027, 1028	SE facing section 1 of MST Step 3	SE
29	MST	1025, 1027, 1028	SE facing section 2 of MST Step 3	SE
30	MST	1025, 1027, 1028	SW facing section of MST Step 3	SW
31	MST	1025, 1027, 1028	NW facing section 1 of MST Step 3	NW
32	MST	1007, 1011, 1025, 1026, 1027, 1028	NW facing section 2 of MST Step 3	NW
33	MST	1033, 1034, 1040	NE facing section of MST Step 3	NE
34	MST	1035, 1036, 1038, 1039	Pre-ex shot of shallow parallel trenches [1035] and [1038] in MST Extension Step 2	SW
35	MST	1035, 1036, 1038, 1039	Pre-ex shot of shallow parallel trenches [1035] and [1038] in MST Extension Step 2	NE
36	MST	1035, 1036, 1038, 1039	Pre-ex shot of shallow parallel trenches [1035] and [1038] in MST Extension Step 2	NE
37	MST	1007, 1008, 1025	Shot showing 1912 trench [1007] in MST Extension Step 3	SW
38	MST	1007, 1008, 1025	Shot showing 1912 trench [1007] in MST Extension Step 3	SW
39	MST	1035, 1038	Post-ex shot of shallow parallel trenches [1035] and [1038] in MST Extension Step 2	SW
40	MST	1035, 1038	Post-ex shot of shallow parallel trenches [1035] and [1038] in MST Extension Step 2	SW
41	MST	1030	Mid-ex shot of arch stones roof of medieval drain [1030]	NE
42	MST	1030	Mid-ex shot of arch stones roof of medieval drain [1030]	NE
43	WET	2006, 2020, 20221, 2022, 2023	NE facing section of WET Step 2	NE
44	WET	2006, 2020, 20221, 2022, 2023	NE facing section of WET Step 2	NE
45	WET	2006, 2016, 2023	SE facing section of WET Step 2	SE
46	WET	2006, 2007, 2014, 2023, 2025	SW facing section 2 of WET Step 2	SW
47	WET	2004, 2005, 2007, 2018, 2025	NW facing section of WET Step 2	NW
48	WET	2004, 2005, 2007, 2018, 2025	NW facing section of WET Step 2	NW
49	WET	2014, 2015	Shot showing trench [2015] for abbey precinct wall in WET Step 2	NW
50	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	NE
51	WET	2018	Shot showing top of the arch roof of medieval drain [2018] in WET Step 2	W

Frame	Area	Context No.	Subject	Taken from
52	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	NE
53	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	NW
54	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	NW
55	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	SW
56	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	SW
57	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	SE
58	WET	2014, 2015, 2016, 2018, 2020	Mid-ex shot of WET Step 2	NE
59	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
60	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
61	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
62	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
Film No.	006		4965_Film6: Images 4965_6_(1).jpg to 4965_6_(168).jpg	
01			ID shot	
02	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
03	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
04	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
05	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
06	MST	1030, 1031	Mid-ex shot showing arch stones roof of medieval drain [1030] and 1912 re-work concrete roof [1031] in MST Step 3	NE
07	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
08	WET	2018, 2022	Shot showing removal of fill [2022] and revealing exit of medieval drain [2018] in WET Step 2	W
09	MST	1030, 1031	Mid-ex shot showing arch stones roof of medieval drain [1030] and 1912 re-work concrete roof [1031] in MST Step 3	NE
10	MST	1030, 1031	Mid-ex shot showing arch stones roof of medieval drain [1030] and 1912 re-work concrete roof [1031] in MST Step 3	NE
11	MST	1030	Mid-ex shot showing arch stones roof of medieval drain [1030] in MST Step 3	SW
12	WET	2026	Post-ex plan shot of concrete feature [2026] in WET Step 1	SW
13	WET	2026	Post-ex plan shot of concrete feature [2026] in WET Step 1	SW
14	WET	2026	Post-ex shot of concrete feature [2026] in WET Step 1	NW
15	WET	2026	Post-ex shot of concrete feature [2026] in WET Step 1	SW
16	WET	2008, 2026	Post-ex shot showing both concrete features [2008] and [2026] in WET Step 1	S
17	WET	2008, 2026	Post-ex shot showing both concrete features [2008] and [2026] in WET Step 1	S
18	WET	2008, 2026	Post-ex shot showing concrete features [2026] built on top of [2008] in WET Step 1	N
19	WET	2008, 2026	Post-ex shot showing concrete features [2026] built on top of [2008] in WET Step 1	N

Frame	Area	Context No.	Subject	Taken from
20	WET	2008, 2026	Post-ex shot showing concrete features [2026] built on top of [2008] in WET Step 1	N
21	MST	1030, 1034	Mid-ex shot showing south side of top of medieval drain [1030] in MST Step 3	SW
22	MST	1028, 1030, 1031, 1037	Mid-ex shot of arch stones roof of medieval drain [1030] in MST Step 3	NE
23	WET	2006, 2008, 2022	Mid-ex shot in front of the exit of medieval drain [2018] in WET Step 2	E
24	WET	2006, 2022	NE facing section under concrete feature [2026] in WET Step 2	N
25	WET	2006, 2022	NE facing section under concrete feature [2026] in WET Step 2	N
26	WET	2006, 2022	NE facing section under concrete feature [2026] in WET Step 2	N
27	WET	2006, 2022	NE facing section under concrete feature [2026] in WET Step 2	N
28	WET	2006, 2008, 2022	E facing section under concrete feature [2008] in WET Step 2	E
29	WET	2014, 2015	Mid-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	S
30	WET	2014, 2015	Mid-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	S
31	WET	2014, 2015	Mid-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	S
32	WET	2014, 2015	Mid-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	S
33	WET	2014, 2015	E facing section of trench [2015] in WET Step 2	SE
34	WET	2014, 2015	Mid-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	N
35	WET	2014, 2015	Mid-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	N
36	WET	2029	Shot showing bank (2029) formed by flow of water coming out the medieval drain [2018] with presence of degraded slate roof in WET Step 2	NW
37	WET	2029	Shot showing bank (2029) formed by flow of water coming out the medieval drain [2018] with presence of degraded slate roof in WET Step 2	NW
38	WET	2029	Shot showing bank (2029) formed by flow of water coming out the medieval drain [2018] with presence of degraded slate roof in WET Step 2	NW
39	WET	2029	Shot showing bank (2029) formed by flow of water coming out the medieval drain [2018] with presence of degraded slate roof in WET Step 2	NW
40	WET	2016, 2024	Post-ex plan shot of slot through (2016) in WET Step 2	NE
41	WET	2016, 2024	Post-ex plan shot of slot through (2016) in WET Step 2	NW
42	WET	2016, 2024	NW facing section of slot through (2016) in WET Step 2	NW
43	WET	2016, 2024	NW facing section of slot through (2016) in WET Step 2	NW
44	WET	2016, 2024	Post-ex plan shot of slot through (2016) in WET Step 2	SW
45	WET	2016, 2024	Post-ex plan shot of slot through (2016) in WET Step 2	SE
46	WET	2016, 2024	NW facing section of slot through (2016) in WET Step 2	NW
47	WET	2016, 2024	Close-up shot of NW facing section of slot through (2016) in WET Step 2	NW
48	WET	2006, 2008, 2022	E facing section under concrete feature [2008] in WET Step 2	E
49	WET	2022, 2029, 2030, 2032	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	NE
50	WET	2022, 2029, 2030, 2032	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	NW
51	WET	2022, 2029, 2030, 2032	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	N

Frame	Area	Context No.	Subject	Taken from
52	WET	2022, 2029, 2030, 2032	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	N
53	WET	2022, 2029, 2030, 2032	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	N
54	WET	2006, 2022, 2030	NE facing section under concrete feature [2026] showing fill in front of medieval drain [2018] in WET Step 2	NE
55	WET	2006, 2022, 2030	NE facing section under concrete feature [2026] showing fill in front of medieval drain [2018] in WET Step 2	NE
56	WET	2006, 2022, 2030	NE facing section under concrete feature [2026] showing fill in front of medieval drain [2018] in WET Step 2	NE
57	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S
58	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S
59	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S
60	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S
61	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	E
62	WET	2030	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	E
63	WET	2030	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	E
64	WET	2030	Mid-ex shot of fill in front of exit of medieval drain [2018] in WET Step 2	N
65	WET	2018	Mid-ex shot of exit of medieval drain [2018] in WET Step 2	W
66	WET	2018	Mid-ex shot of exit of medieval drain [2018] in WET Step 2	W
67	WET	2018, 2029, 2030, 2032	Mid-ex shot of exit of medieval drain [2018] in WET Step 2	N
68	WET	2018, 2030	Shot of slot through fill (2030) in WET Step 2	NW
69	WET	2018, 2030	Shot of slot through fill (2030) in WET Step 2	NW
70	WET	2018, 2030	Shot of slot through fill (2030) in WET Step 2	NW
71	WET	2018, 2030	Shot of slot through fill (2030) in WET Step 2	N
72	MST	1025, 1040, 1041	NW facing section of MST Extension Step 2	NW
73	MST	1025, 1040, 1041	NW facing section of MST Extension Step 2	NW
74	MST	1007, 1008, 1033, 1034, 1040	SE facing section of MST Extension Step 2	SE
75	MST	1007, 1008, 1033, 1034, 1040	SE facing section of MST Extension Step 2	SE
76	MST	1033, 1034, 1040	NE facing section of MST Extension Step 2	NE
77	MST	1033, 1034, 1040	NE facing section of MST Extension Step 2	NE
78	MST	1033, 1034, 1040	NE facing section of MST Extension Step 2	NE
79	MST	1033, 1034, 1040	NE facing section of MST Extension Step 2	NE
80	WET	2015	Post-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	N
81	WET	2015	Post-ex shot of trench [2015] for foundation of abbey precinct wall in WET Step 2	N
82	WET	2016, 2020, 2023	NW facing section of north side of medieval drain [2020] showing construction on top of deposit (2016) and (2023) in WET Step 2	N
83	WET	2016, 2020, 2023	N facing section of north side of medieval drain [2020] showing construction on top of deposit (2016) and (2023) in WET Step 2	N

Frame	Area	Context No.	Subject	Taken from
84	WET	2016, 2023, 2024	NW facing section of WET Step 2	NW
85	WET	2016, 2023, 2024	NW facing section of WET Step 2	NW
86	WET	2024, 2031	Post-ex shot of slate feature [2031] in WET Step 2	W
87	WET	2024, 2031	Post-ex shot of slate feature [2031] in WET Step 2	W
88	WET	2024, 2031	Post-ex shot of slate feature [2031] in WET Step 2	N
89	WET	2024, 2031	Post-ex shot of slate feature [2031] in WET Step 2	N
90	WET	2024, 2031	Post-ex shot of slate feature [2031] in WET Step 2	W
91	WET	2024, 2031	Post-ex shot of slate feature [2031] in WET Step 2	W
92	WET	2024, 2031, 2020	Post-ex shot of river bed (2024) in WET Step 2	W
93	WET	2024, 2031, 2020	Post-ex shot of river bed (2024) in WET Step 2	W
94	WET	2024, 2031, 2020	Post-ex shot of river bed (2024) in WET Step 2	W
95	WET	2020	Post-ex plan shot of medieval drain [2020] in WET Step 2	W
96	WET	2020	Post-ex plan shot of medieval drain [2020] in WET Step 2	W
97	WET	2018, 2029, 2032	Post-ex plan of exit of medieval drain [2018] in WET Step 2	W
98	WET	2018, 2029, 2032	Post-ex plan of exit of medieval drain [2018] in WET Step 2	W
99	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
100	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
101	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
102	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
103	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
104	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
105	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
106	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
107	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
108	WET	2018, 2029, 2032	Post-ex shot of exit of medieval drain [2018] in WET Step 2	W
109	WET	2018, 2030	Post-ex shot of infill (2030) located in front of exit of medieval drain [2018] in WET Step 2	W
110	WET	2018, 2030	Post-ex shot of infill (2030) located in front of exit of medieval drain [2018] in WET Step 2	W
111	WET	2018, 2030	Post-ex shot of infill (2030) located in front of exit of medieval drain [2018] in WET Step 2	W
112	WET	2018, 2030	Post-ex shot of infill (2030) located in front of exit of medieval drain [2018] in WET Step 2	W
113	WET	2018, 2033	Post-ex shot of abbey precinct wall [2033] located south of exit of medieval drain [2018] in WET Step 2	NW
114	WET	2018, 2033	Post-ex shot of abbey precinct wall [2033] located south of exit of medieval drain [2018] in WET Step 2	NW
115	WET	2029	Post-ex shot of bank of soil (2029) located south of exit of medieval drain [2018] in WET Step 2	N
116	WET	2029	Post-ex shot of bank of soil (2029) located south of exit of medieval drain [2018] in WET Step 2	N
117	WET	2029	Post-ex shot of bank of soil (2029) located south of exit of medieval drain [2018] in WET Step 2	N
118	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S

Frame	Area	Context No.	Subject	Taken from
119	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S
120	WET	2032	Mid-ex shot of retaining wall [2032] to build medieval drain [2020] located north side of exit of medieval drain [2018] in WET Step 2	S
121	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	S
122	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	S
123	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	S
124	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	S
125	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	S
126	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
127	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
128	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
129	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
130	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
131	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
132	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
133	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
134	WET	2018, 2020, 2035	Post-ex shot of medieval drains [2018] and [2020], and remnant of abbey precinct wall [2035] in WET Step 2	N
135	WET	2018, 2034, 2035	Post-ex shot of remnant of abbey precinct wall [2035] in WET Step 2	N
136	WET	2018, 2034, 2035	Post-ex shot of remnant of abbey precinct wall [2035] in WET Step 2	N
137	WET	2018, 2034, 2035	Post-ex shot of remnant of abbey precinct wall [2035] in WET Step 2	N
138	WET	2018, 2034, 2035	Post-ex shot of remnant of abbey precinct wall [2035] in WET Step 2	N
139	WET	2018, 2034, 2035	Post-ex shot of remnant of abbey precinct wall [2035] in WET Step 2	N
140	WET	2018, 2034, 2035	Post-ex shot of remnant of abbey precinct wall [2035] in WET Step 2	N
141	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	E
142	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	E
143	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	E
144	WET	2020	Post-ex shot of medieval drain [2020] in WET Step 2	E
145	WET	2020, 2021	NE facing section of fill (2021) in medieval drain [2020] in WET Step 2	NE
146	WET	2020, 2021	NE facing section of fill (2021) in medieval drain [2020] in WET Step 2	NE
147	WET	2020, 2021	NE facing section of fill (2021) in medieval drain [2020] in WET Step 2	NE
148	WET	2020, 2021	NE facing section of fill (2021) in medieval drain [2020] in WET Step 2	NE
149	WET	2015, 2035	E facing section of trench [2015] in WET Step 2	E
150	WET	2015, 2035	E facing section of trench [2015] in WET Step 2	E

Frame	Area	Context No.	Subject	Taken from
151	WET	2015, 2035	E facing section of trench [2015] in WET Step 2	E
152	WET	2015, 2035	E facing section of trench [2015] in WET Step 2	E
153	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	NW
154	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	SE
155	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	S
156	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	E
157	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	E
158	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	NE
159	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	N
160	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	NW
161	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	W
162	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	SW
163	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	S
164	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	SE
165	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	E
166	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	E
167	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	SE
168	WET	2018, 2020, 2024, 2035	Post-ex shot of final stage of excavation in WET Step 2	SE
Film No.	007		4965_Film7: Images 4965_7_(1).jpg to 4965_7_(74).jpg	
01			ID shot	
02	MST	1034	NW facing section of MST Extension Step 3	NW
03	MST	1034	NW facing section of MST Extension Step 3	NW
04	MST	1034	SE facing section of MST Extension Step 3	SE
05	MST	1034	SE facing section of MST Extension Step 3	SE
06	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	E
07	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	E
08	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	E
09	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	E
10	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	SE
11	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	SW
12	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	W
13	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	NW
14	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	N
15	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	N

Frame	Area	Context No.	Subject	Taken from
16	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	NE
17	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	NE
18	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	NE
19	MST	1030, 1031	Post-ex shot of arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	NE
20	MST	1030, 1031	Post-ex shot showing junction between 1912 concrete roof [1031] and medieval arch stones roof [1030] in MST Step 3	E
21	MST	1030, 1031	Post-ex shot showing junction between 1912 concrete roof [1031] and medieval arch stones roof [1030] in MST Step 3	E
22	MST	1030, 1031	Post-ex shot showing junction between 1912 concrete roof [1031] and medieval arch stones roof [1030] in MST Step 3	E
23	MST	1030	Post-ex plan shot of stones forming the arch stones roof of medieval drain [1030] in MST Step 3	E
24	MST	1030	Post-ex plan shot of stones forming the arch stones roof of medieval drain [1030] in MST Step 3	E
25	MST	1030	Post-ex plan shot of stones forming the arch stones roof of medieval drain [1030] in MST Step 3	E
26	MST	1030	Post-ex plan shot of stones forming the arch stones roof of medieval drain [1030] in MST Step 3	E
27	MST	1030	Post-ex plan shot of stones forming the arch stones roof of medieval drain [1030] in MST Step 3	E
28	MST	1030	Post-ex plan shot of stones forming the arch stones roof of medieval drain [1030] in MST Step 3	E
29	MST	1030, 1031, 1037	Post-ex plan of north side of arch stones roof of medieval drain [1030] in MST Step 3	SE
30	MST	1030, 1031, 1037	Post-ex plan of north side of arch stones roof of medieval drain [1030] in MST Step 3	NE
31	MST	1030, 1031, 1037	Post-ex plan of north side of arch stones roof of medieval drain [1030] in MST Step 3	NE
32	MST	1030, 1031	Post-ex shot of north side of arch stones roof of medieval drain [1030] in MST Step 3	NE
33	MST	1030, 1031	Post-ex shot of north side of arch stones roof of medieval drain [1030] in MST Step 3	NE
34	MST	1030, 1031	Post-ex shot of south side of arch stones roof of medieval drain [1030] in MST Step 3	NE
35	MST	1030, 1031	Post-ex shot of south side of arch stones roof of medieval drain [1030] in MST Step 3	NE
36	MST	1030, 1031	Post-ex shot of south side of arch stones roof of medieval drain [1030] in MST Step 3	NE
37	MST	1030, 1031	Post-ex shot of south side of arch stones roof of medieval drain [1030] in MST Step 3	NE
38	MST	1030, 1031	Post-ex shot of south side junction between arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	SW
39	MST	1030, 1031	Post-ex shot of south side junction between arch stones roof of medieval drain [1030] and 1912 concrete roof re-work [1031] in MST Step 3	SW
40	MST	1030, 1031	Post-ex shot showing south side of medieval drain [1030] in MST Step 3	SW
41	MST	1030, 1031	Post-ex shot showing south side of medieval drain [1030] in MST Step 3	SW
42	MST	1030, 1031	Post-ex shot showing north side of medieval drain [1030] in MST Step 3	SW
43	MST	1030, 1031	Post-ex shot showing north side of medieval drain [1030] in MST Step 3	SW

Frame	Area	Context No.	Subject	Taken from
44	MST	1030, 1032	Post-ex shot showing mortar layer (1035) on top of arch stones roof of medieval drain [1030] in MST Step 3	NE
45	MST	1030, 1032	Post-ex shot showing mortar layer (1035) on top of arch stones roof of medieval drain [1030] in MST Step 3	NE
46	MST	1030, 1032	Post-ex shot showing mortar layer (1035) on top of arch stones roof of medieval drain [1030] in MST Step 3	NE
47	MST	1030, 1032	Post-ex shot showing mortar layer (1035) on top of arch stones roof of medieval drain [1030] in MST Step 3	NE
48	MST	1030, 1032	Post-ex shot showing mortar layer (1035) on top of arch stones roof of medieval drain [1030] in MST Step 3	NE
49	MST	1030, 1032	Post-ex shot showing mortar layer (1035) on top of arch stones roof of medieval drain [1030] in MST Step 3	NE
50	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	E
51	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	E
52	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	E
53	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	S
54	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	S
55	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	SW
56	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	SW
57	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	SW
58	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	SW
59	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	SW
60	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	W
61	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	NW
62	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	N
63	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	N
64	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	NE
65	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	E
66	MST	1030, 1031	Post-ex shot of top of medieval drain [1030] in MST Step 3	SE
67	WET	2016, 2023	Post-ex shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	W
68	WET	2016, 2023	Post-ex shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	W
69	WET	2016, 2023	Post-ex shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	E
70	WET	2016, 2023	Post-ex shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	E
71	WET	2016, 2023	Post-ex plan shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	E
72	WET	2016, 2023	Post-ex plan shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	E
73	WET	2016, 2023	Post-ex shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	N
74	WET	2016, 2023	Post-ex shot of slot through bedding layers (2016) and (2023) of medieval drain [2018] in WET Step 2	N

Appendix H: Discovery and Excavation Scotland entry

LOCAL AUTHORITY:	Renfrewshire
PROJECT TITLE/SITE NAME:	Paisley Abbey Drain 'Big Dig 2019'. Archaeological Excavation
PROJECT CODE:	4965
PARISH:	Paisley (Renfrew)
NAME OF CONTRIBUTOR(S):	Dr Anthony Byledbal & Bob Will
NAME OF ORGANISATION:	GUARD Archaeology Ltd
TYPE(S) OF PROJECT:	Archaeological Excavation
NMRS NO(S):	n/a
SITE/MONUMENT TYPE(S):	Paisley Abbey
SIGNIFICANT FINDS:	Paisley Abbey Drain, Abbey Precinct Wall and Medieval Drain.
NGR (2 letters, 6 figures)	NS 4849 6388
START DATE (this season)	21 May 2019
END DATE (this season)	19 July 2019
PREVIOUS WORK (incl. DES ref.)	Trial Trenching
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>GUARD Archaeology Ltd and local volunteers excavated by hand two trial trenches in the park to the south-west of Paisley Abbey.</p> <p>One trench was located on top of the middle section of the medieval Abbey Drain and revealed part of the original roof of the Drain and a section that had been repaired with concrete in the early 20th century. Several demolition layers with artefacts from the 17th/18th century were also investigated.</p> <p>The other trench was at the western end of the Drain and the archway that formed the exit of the Drain was partially uncovered along with a channel that lead to the River Cart. Part of the outer wall of the monastic precinct was also uncovered complete with facing stones round the arch. Another small open stone built drain running in parallel to the Abbey Drain was also uncovered</p>
PROPOSED FUTURE WORK:	
SPONSOR OR FUNDING BODY:	Renfrewshire Council with the support of the National Lottery Heritage Fund (NLHF), Historic Environment Scotland, Paisley Abbey Renfrewshire Local History Forum
CAPTION(S) FOR ILLUSTRS:	n/a
ADDRESS OF MAIN CONTRIBUTOR:	52 Elderpark Workspace, 100 Elderpark Street, Glasgow G51 3TR
EMAIL ADDRESS:	bob.will@guard-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NRHE.

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