

ADEN COUNTRY PARK, ABERDEENSHIRE, AB42 5FQ

Data structure report (29 April-12 May 2019 excavation)



**Alison Cameron
Cameron Archaeology
13 June 2019**



CONTENTS

1	INTRODUCTION	5
2	ARCHAEOLOGICAL BACKGROUND	6
3	THE EXCAVATION	7
3.1.1	Trench 1	12
3.1.2	Trench 2	17
3.1.3	Trench 3	17
3.1.4	Trench 4	18
3.1.5	Trench 5	18
3.1.6	Trench 6	19
3.1.7	Trench 7	20
3.1.8	Trench 8	20
3.1.9	Trench 9	20
3.1.10	Trench 10	20
3.1.11	Trench 11	22
3.1.12	Trench 12	25
3.1.13	Trench 13	25
3.1.14	Trench 14	26
3.1.15	Trench 15	26
3.1.16	Trench 16	27
3.1.17	Trench 17	27
3.1.18	Trench 18	29
3.1.19	Trench 19	29
3.1.20	Trench 20	30
4	CONCLUSIONS AND RECOMMENDATIONS	30
5	ACKNOWLEDGEMENTS	35
6	REFERENCES	36
	APPENDIX 1 CONTEXTS	37
	APPENDIX 2 FINDS	39
	APPENDIX 3 SAMPLES	48
	APPENDIX 4 LEVELS	48
	APPENDIX 5 PHOTOGRAPHS	49

ILLUSTRATIONS

COVER Top Trench 1 with the Mansion in the background. Bottom: Stamped Garnkirk fireclay roof furniture from trench 8.

Illus 1 Site location (<i>Contains Ordnance Survey data © Crown copyright and database right 2019</i>).	5
Illus 2 1773 incised date stone reused upside down as the springer for an arch; facing W	8
Illus 3 AR (Alexander Russel) and EI (Eliza Innes) inscribed stone; facing SE	8
Illus 4 Resistivity survey results, Rose Geophysical Consultants	9
Illus 5 Interpretation of resistivity survey results, Rose Geophysical Consultants	9
Illus 6 Clydebank High School Archaeology Club with other volunteers in the team	10
Illus 7 Ellon Brownies assisting with the backfilling after a morning digging	10
Illus 8 Plan showing 2019 trenches	11
Illus 9 W side of mansion showing trenches and main features	12
Illus 10 Section and side elevation of drain 122	13
Illus 11 Capping stones drain 122; facing E	13
Illus 12 Drain 122 facing W (thanks to Jamie Cutts, Aberdeenshire Council)	14
Illus 13 Drain 122 facing E (thanks to Jamie Cutts, Aberdeenshire Council)	14
Illus 14 Concrete fountain base 110; facing N	15
Illus 15 First Edition OS map showing garden layout (copyright National Library of Scotland)	15
Illus 16 Mid 20 th -century photo of W façade of Aden House (Courtesy of Aberdeenshire Council)	16
Illus 17 Cast iron hatch 108 with copper tap at base for regulating water to the pond 110; facing E	16
Illus 18 Trench 2 drain capping stones 201; facing W	17
Illus 19 Trench 3 plan and elevation	17
Illus 20 Trench 4 spread of stone and mortar; facing E	18
Illus 21 Tr 5 showing garden soil and loose stones; facing W	18
Illus 22 Plan and sections Trench 6	19
Illus 23 Trench 6 wall 610 (bottom right); not the stone top right is angled at 45 degrees to the current building and features AR/EI incised stone above; facing S	20
Illus 24 Trench 10 location under ashlar bay window; facing NE	21
Illus 25 Trench 10 foundation of bay window (top); facing NE	21
Illus 26 Trench 11 plan	22
Illus 27 Trench 11 Section 1	23
Illus 28 Trench 11 Section 2	23
Illus 29 Trench 11 drain 1109 E wall mortared into Mansion W wall foundation	24
Illus 30 Trench 11 relationship of Mansion wall and foundation to drain 1106; facing E	24
Illus 31 Trench 12 showing foundation of Mansion 0.6m deep; facing E	25
Illus 32 Trench 13 0.6m deep wall foundation under mid 18 th -century Mansion wall; facing W	25
Illus 33 Trench 14 with Mansion E wall in background; facing W	26
Illus 34 Pebble surface 1502; facing N	26
Illus 35 Plan on board within Aden House showing room names	27
Illus 36 Trench 17 features	28
Illus 37 Trench 17 concrete floor 1702 (left) bricks underneath and stone wall foundation 1703 (right); facing N	28
Illus 38 Cart door (centre) showing infilling with stone and brick wall (1703); facing NE (copyright Aberdeenshire Council)	28
Illus 39 Stone drain capping 1901; facing NE	29
Illus 40 Drain capping 1901	29

Illus 41 Trench 20 pebble surface 2002; facing E	30
Illus 42 Postcard kindly copied by owner David Elrick showing two sets of steps from the W garden, no fountain but a smaller bird bath/planter NW of the house outwith the excavation area.	31
Illus 43 Garnkirk stamped fireclay roof furniture from Trench 8	32
Illus 44 Fireclay pieces from the roof of Aden House photographed in mid 1970s when Aberdeenshire Council carried out a survey of the buildings; they then disappeared.	32
Illus 45 Garnkirk pedestal planters (years of activity 1831-1898) https://www.scottishbrickhistory.co.uk/garnkirk-fireclay-works-garnkirk-north-lanarkshire-history/	33
Illus 46 Fragments of ceramic garden furniture	33
Illus 47 Fireclay finial from roof furniture.....	34
Illus 48 Selection of cleaned roof furniture being sorted and selected by finds team (Sheila Duthie)	34
Illus 49 Three pennies from 1918 and 1919 found together in garden topsoil.....	35

SUMMARY

The excavation took place from 29 April-12 May 2019 with a total of 15 professional, 115 skilled and 77 unskilled person days (total 207 person days) contributed to the project by 55 individuals. These included people new to digging as well as a number who have been excavating on other Aden project and other archaeological projects in the area.

12 school classes took part in the project including feeder primaries to Mintlaw and Peterhead, Dyce Primary and Anna Ritchie as well as secondary pupils from Clydebank High School Archaeology Club and Ellon Brownies totalling 304 school pupils in total.

20 trenches were excavated targeting geophysical anomalies and investigating the current mansion and searching for evidence of earlier structures.

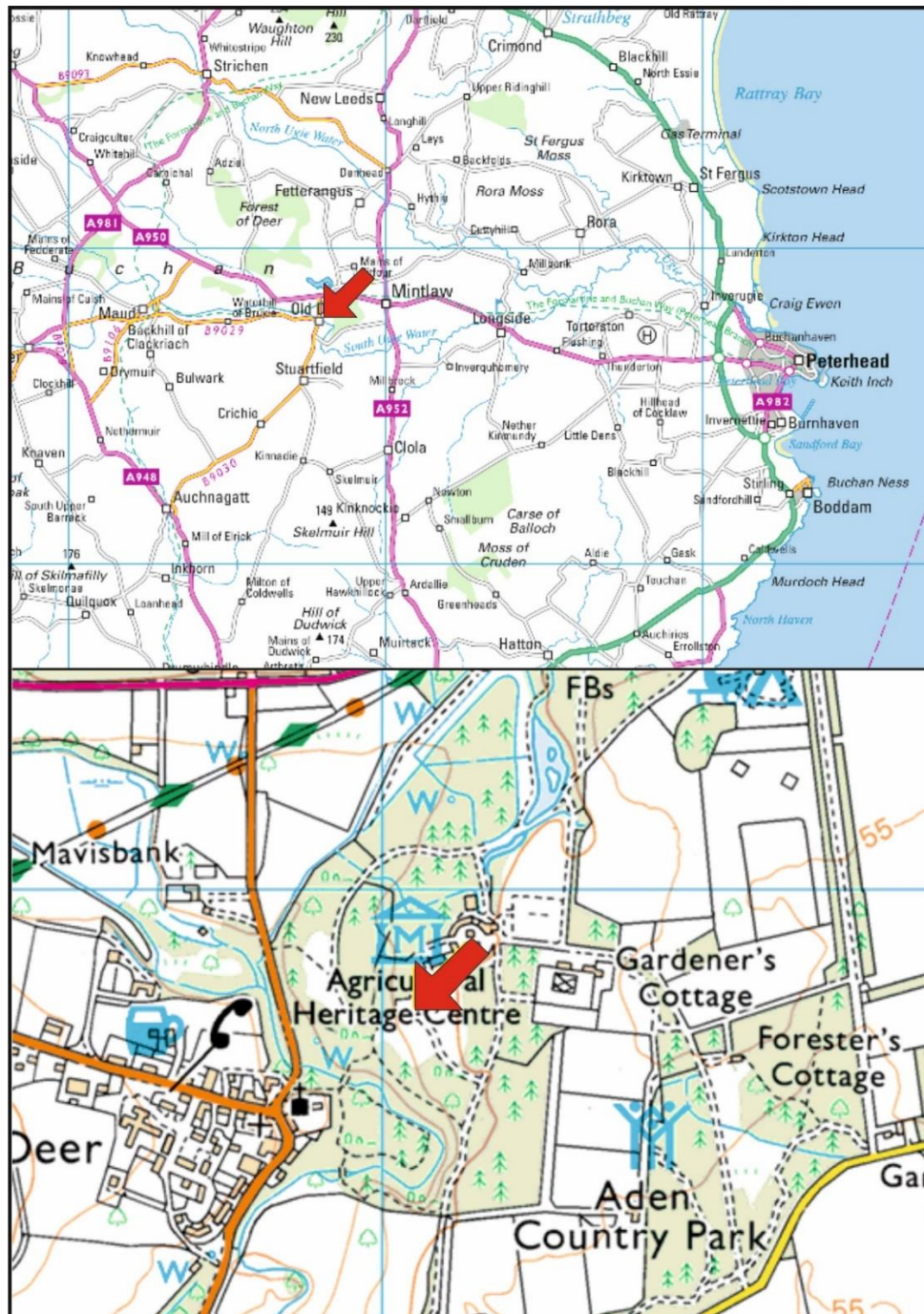
A series of stone-lined drains was investigated; the current Council staff were aware of the W end of these beside the river but their orientation and location suggest that they may be contemporary with the mid 18th-century building campaign by Alexander Russel. The late 19th-century pond and fountain base was investigated as well as areas of the garden. Little was determined about the garden which appears to have been lawn and trees with areas of gravel surfaces.

The current house ruin was investigated, and an earlier structure identified on the N side of the house. Stepped foundations may be an earlier phase of building but it has not been determined whether any of these pre-date the mid 18th century. Further work on the interior of the building may help to determine this.

Finds include 18th and 19th-century domestic waste including pottery and glass, building material including window glass, brick, ceramic roof furniture and garden furniture including ceramic garden planters and plant pots, and concrete pond fragments.

1 INTRODUCTION

- 1.1 This site is located within Aden Country Park (Illus 1) at the ruined mansion house site. The excavation area is located at NJ 98043 47829 in the parish of Old Deer and on a gently W-facing sloping site at 45-50m OD.
- 1.2 An excavation was carried out as part of a successful Aberdeenshire Council, Aden Country Park Restoration & Redevelopment application to the National Lottery Heritage Fund (NLHF) Parks for People programme with funding from Aberdeenshire Council Archaeology Service, Historic Environment Scotland and The Friends of Aden.



Illus 1 Site location (Contains Ordnance Survey data © Crown copyright and database right 2019).

2 ARCHAEOLOGICAL BACKGROUND

- 2.1 An evaluation in September 2015 revealed the foundations of a rectangular and T-shaped foundations; small test pits failed to reveal any dating evidence and the finds from the soil in the trenches ranged from prehistoric flint to modern bottle and plastic. Further excavation of two stone structures in Aden Country Park was carried out from 6-19th June 2016 by a team of 36 archaeologists, Book of Deer members, students and volunteers as well as staff and nearly 300 pupils from local primary schools and Mintlaw Academy. Structure 1 is a T-shaped building, probably built on the medieval period, possibly as a tower house and possibly later used as an Episcopalian Meeting House. Nearly 20 coins of the late 18th century, copper alloy heart-shaped brooch and copper alloy book fittings are included in the finds from the later use of the building. Burnt timbers and stone were excavated from the demolition of the building which had been burnt prior to demolition. Structure 2 may have an agricultural or mixed domestic and agricultural use. There is a hearth inside the S wall surrounded by a well-laid cobbled floor and a stone-lined pit in the NE corner of the N room which may have been an exterior courtyard.
- 2.2 As part of a Book of Deer funded project, an evaluation was carried out by Murray Archaeological Services of a group of 27 circular enclosures or possible huts lie in a plantation 40m N of the former stables of Aden House between NJ 9805 4798 and NJ 9811 4819 (NJ94NE 88). An excavation of a series of features in March and April 2017 as part of the National Lottery Heritage Fund (NLHF) project revealed an extensive military training ground and it is suggested that the Murray site may also be of a similar nature and not a Bronze Age site. A trench was also dug in the park by Guard Archaeology with no significant archaeological results.
- 2.4 Excavations in March-April 2017 in the north of the park on the west side of the camping and caravan site identified 19th and early 20th-century military trenches which were part of a military training area for local militia (Cameron 2017a).
- 2.5 Excavations on December 2017 in woodland adjacent to the Twin lodges revealed stone structures which are post-medieval in date and may relate to the military or agricultural use of the estate (Cameron 2017b).
- 2.6 Following fieldwalking and geophysical survey in 2017, an evaluation took place 3-10 June 2017 and an excavation 5-15 November 2018. The excavated structure is heavily ploughed and burrowed but the bases of features excavated suggest that it was a structure 12-14m wide and 27m long consisting of posts set in post-holes with a number of undetermined features at least one of which is a tree-throw pit (29/142). It is possible that some of the other features may also represent the remains of smaller trees but no others have been definitely identified based on the recognised tree-throw pit ellipsoid profile. This area of Aberdeenshire is very stony and all excavations in this area reveal large earthfasts *in situ*. The earthfast boulders uncovered during this project indicate that they may form part of the structure. 71 was formed by cutting a sub-oval cut around the earthfast, possibly to use the stone for the base for posts. The earthfasts in the centre of the structure may have been visible during the period that the structure was in use and it is possible that they were used to support posts or other structural elements. It would appear that this structure was not roofed; there is certainly no evidence of large post-pits which would be required to support large central timbers. It would appear to have been an unroofed enclosure consisting of small and medium posts and possibly also trees (living or dead/fallen) and possibly also earthfast boulders. The trees may have fallen prior to the construction but it does not appear that there were many trees in the area which required to be felled. One example of a similar

structure at Cairsie Mains is a rectilinear structure including 100 features of which 24 are of definite, and another four possible, human origin. These included posts and tree-throw pits and is dated to c 3500-3000BC. It was not possible to determine the sequence of building at this site as the trees may have been *in situ* with the man-made structure or they may have felled prior to erection. There is a large earthfast boulder at the W edge of the field with a cup mark in the upper surface and it is tempting to wonder if this is related to this excavated structure. Further excavation is required to determine the full extent of the rectilinear structure and determine if it continues to the SW and how it may relate to the cup-marked stone. Radiocarbon dating is required to determine dates for the structure and reporting on all the finds is required. There are two or three possible small sherds of prehistoric pottery, flints and possible quartz objects and a possible fragment of saddle quern (Cameron 2018).

- 2.7 The putative stone circle is being investigated because there is a local legend that a stone circle stood within the area of Aden Country Park. Stone mounds were removed by the park staff in the 1990s; they were visible on the OS maps (Illus 2) and are visible on the video of the reconstruction of Hareshowe farmstead which can be viewed in the Aden Farming Museum. A walkover survey was carried out in December 2017 and November 2018 by volunteers led by the current author. Additionally trenching was carried out in June 2017 and November 2018 as an evaluation of the area of the fields following geophysical survey in 2017 by Rose Geophysics. With hindsight the whole field could have been subjected to resistance survey. Further archaeological trenching could be carried out but it is likely that if there was a stone circle at the site its location is now within the wooded area. Adam Welfare was shown the photograph of the possible recumbent by Neil Ackerman and he said 'The parish of Old Deer had upwards of a dozen stone circles according to the OSA, so it is not impossible that one stood once within the policies of Aden House. However, unless it was already smashed, I would have expected it to survive as a feature of the estate. The stone in the illustration is certainly a good size, but this is insufficient to determine whether it was once a genuine recumbent. Things would be different if traces of a ring are eventually found nearby!' (Cameron 2019).
- 2.8 In 2015 during demolition of access steps into the ruins of Aden House, Mintlaw, an area of tiling was exposed in the 1832 entrance hall. Aberdeenshire Council's Archaeology Service determined that this should be fully recorded and further work in the area be undertaken under archaeological supervision. The Entrance Hall and its outer columned portico are part of the developments of Aden House attributed to the Aberdeen architect John Smith and dated 'from 1832' but the tiled floor appeared to have been relaid as the design of the I-beams was of post-1845 style and commercial tiles of this date were not popularly in use in house until c1840 (Murray and Murray 2015). Test pitting within the house revealed rubble filled cellar below the house ground floors.

3 THE EXCAVATION

3.1 Introduction

Aden House (HER NJ94NE0034) is the remains of a mansion house. Built after 1758 and remodelled by John Smith I in 1832-3, Aden House is now a roofless ruin. It is a two storey, six-bay, asymmetric house with advanced end bays and a 2-window quoined ashlar pedimented centre-piece in golden granite. Smith remodelling in 1832-3 saw the West wing rebuilt with a higher ground floor, and the addition of a tetrastyle porte cochere, in grey ashlar granite, with paired Roman Doric columns built out from the W intermediate bay. The

rebuilt W elevation is symmetrical with two bays on each side of a Roman Doric colonnaded bow, formerly with a dome, and a large top lit atrium in the centre of the house accommodated a library. It originally had fireclay balustraded parapets, but these were removed (possibly in 1983) along with the roof and many internal walls. The building was requisitioned as a billet for troops during World War II. In 1975 the house and grounds were acquired by the then Banff and Buchan District Council. There are a number of reused stones within the structure including a 1773 inscribed stone (Illus 2) possibly dating to the date of building by Alexander Russel of Montcoffer and an initial inscribed stone (Illus 3) AR (Alexander Russel) and EI (Eliza Innes) who was his second wife who he married in 1767.



Illus 2 1773 incised date stone reused upside down as the springer for an arch; facing W

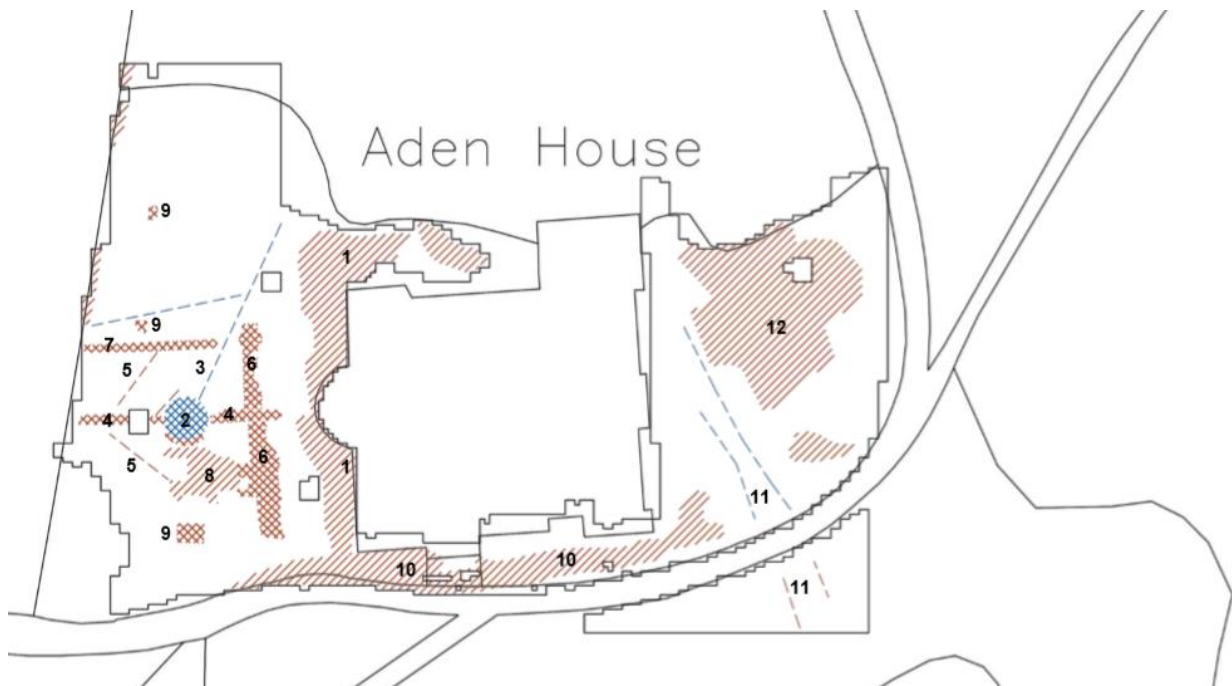


Illus 3 AR (Alexander Russel) and EI (Eliza Innes) inscribed stone; facing SE

Previous work at the site included geophysical survey by Rose Geophysical Consultants (Illus 4, 5)



Illus 4 Resistivity survey results, Rose Geophysical Consultants



Illus 5 Interpretation of resistivity survey results, Rose Geophysical Consultants

The excavation took place from 29 April-12 May 2019 with a total of 15 professional, 115 skilled and 77 unskilled person days (total 207 person days) contributed to the project by 55 individuals. These included people new to digging as well as a number who have been excavating on other Aden project and other archaeological projects in the area.

12 school classes took part in the project including feeder primaries to Mintlaw and Peterhead, Dyce Primary and Anna Ritchie as well as secondary pupils from Clydebank High School Archaeology Club (Illus 6) and Ellon Brownies (Illus 7) totalling 304 school pupils in total.

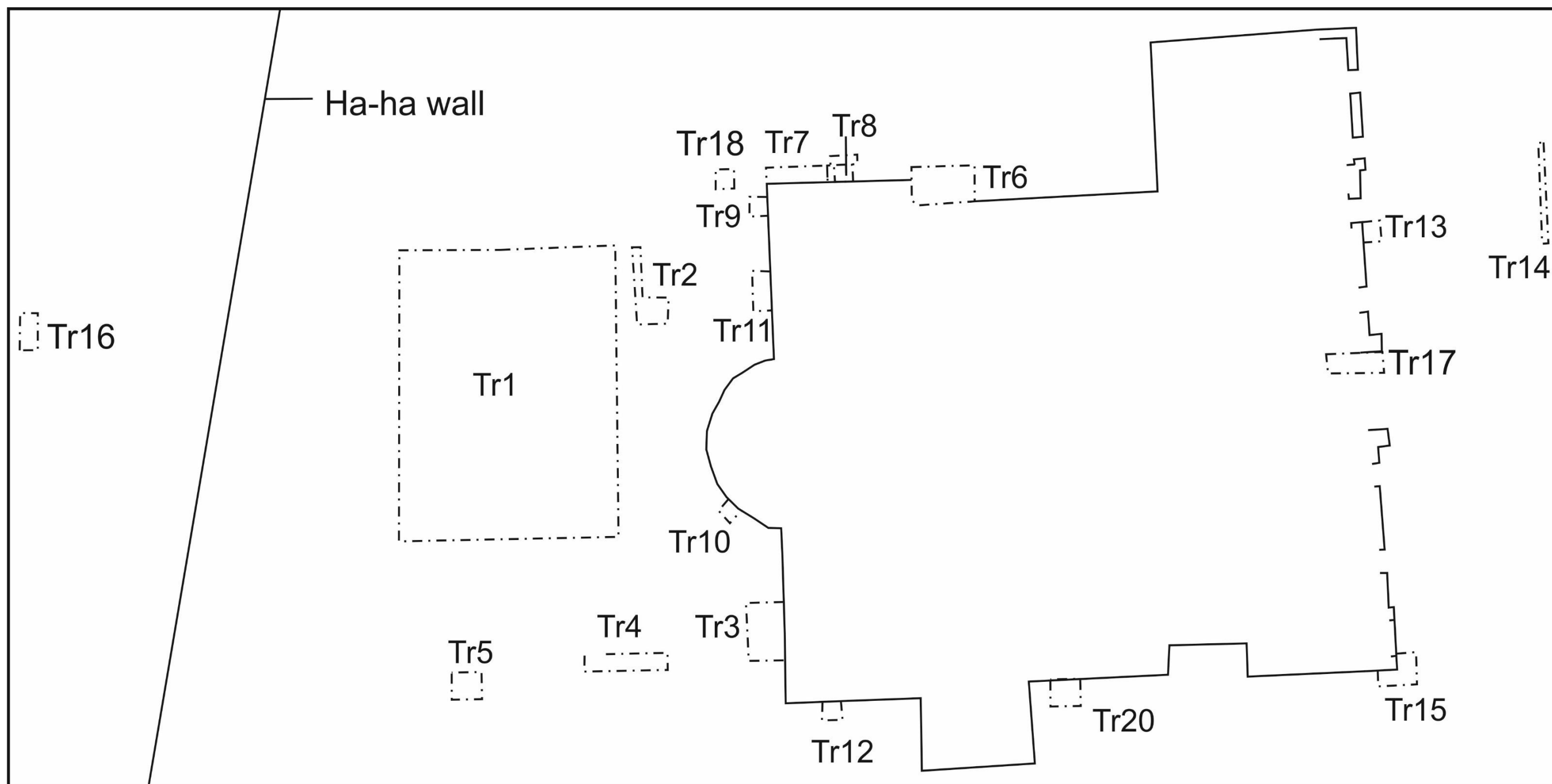


Illus 6 Clydebank High School Archaeology Club with other volunteers in the team



Illus 7 Ellon Brownies assisting with the backfilling after a morning digging

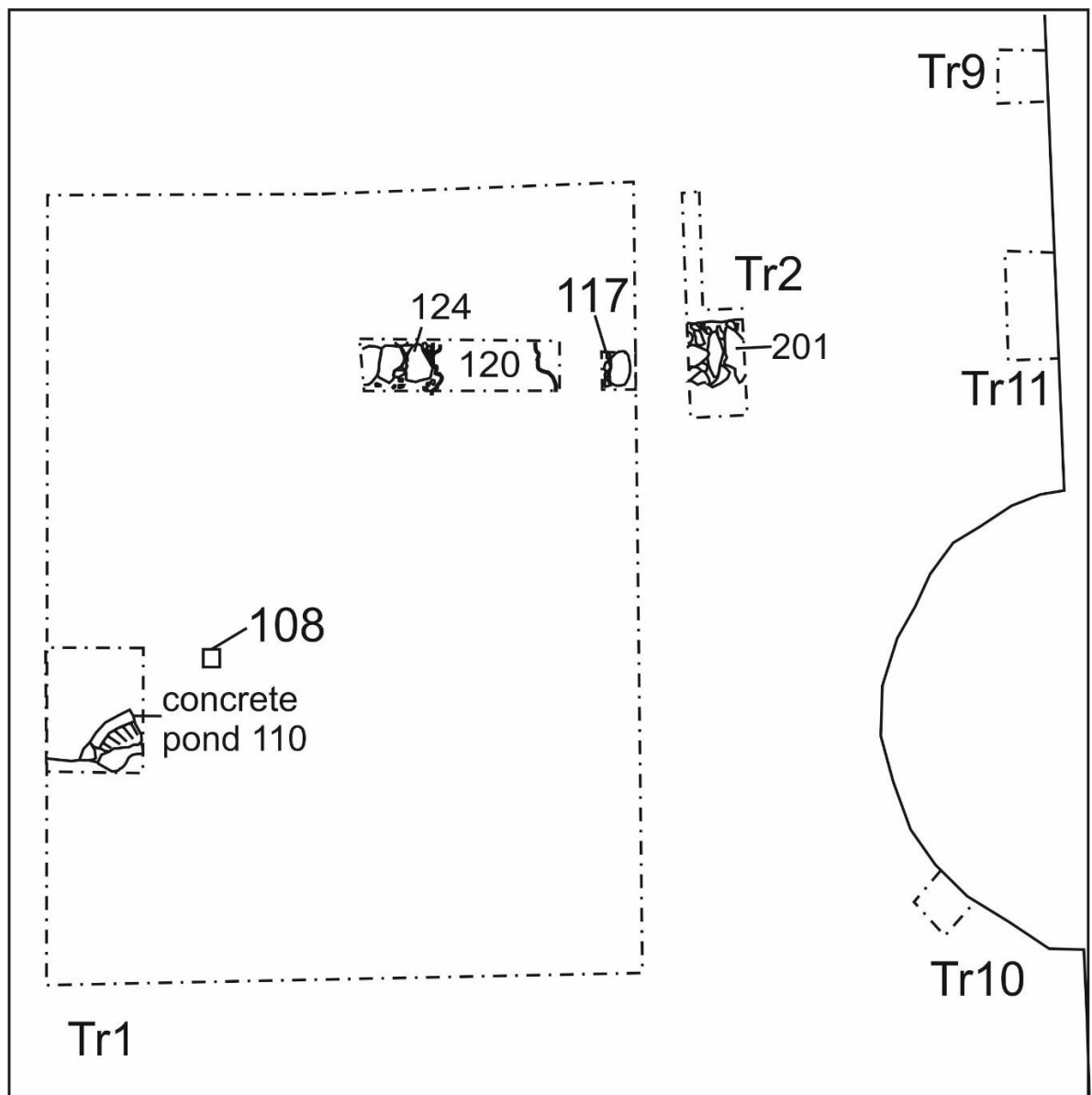
20 trenches were excavated targeting geophysical anomalies and investigating the current mansion and searching for evidence of earlier structures.



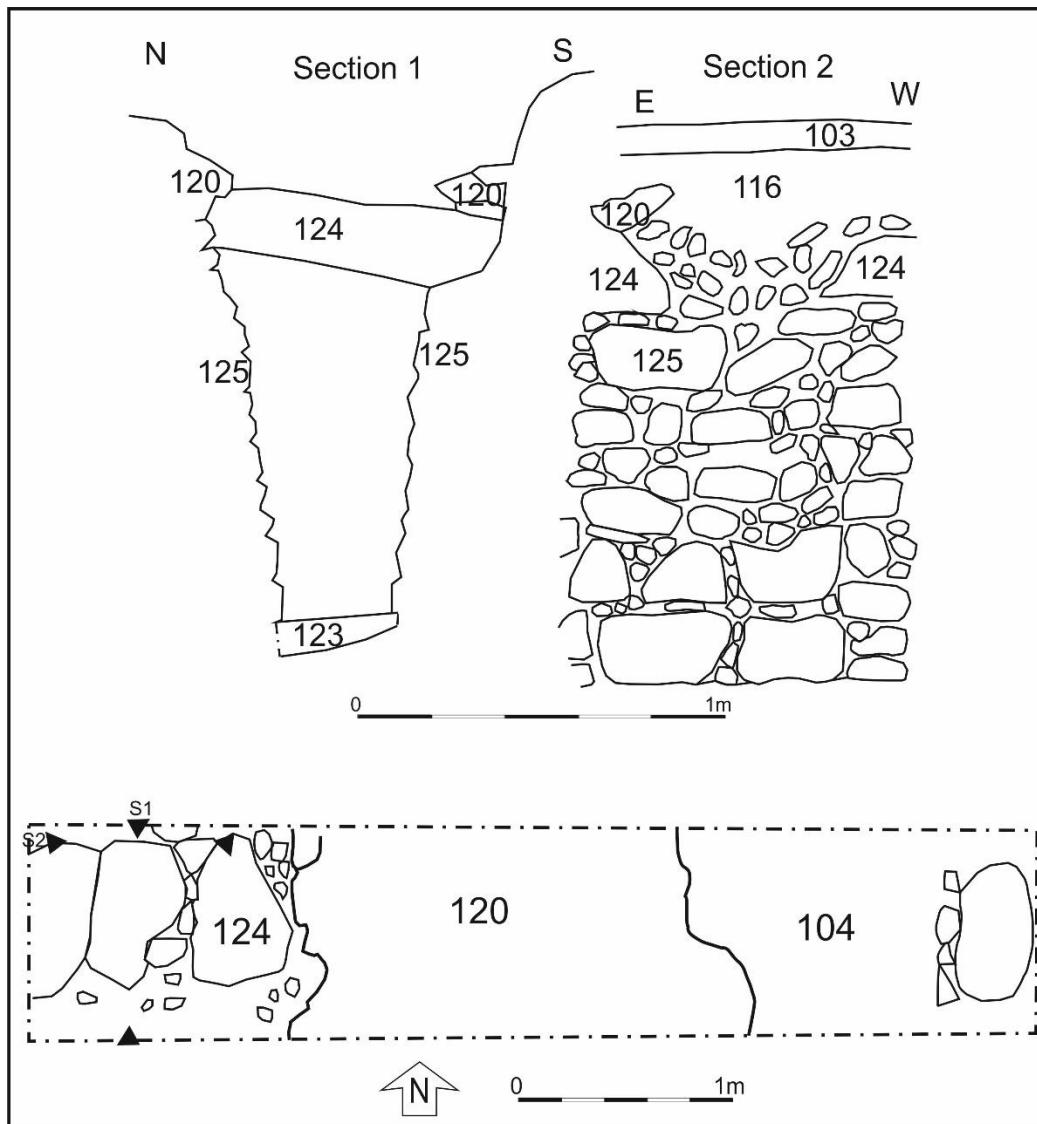
Illus 8 Plan showing 2019 trenches

3.1.1 Trench 1

Trench 1 was 15 x 11m in size and positioned on the W side of Aden House to identify the anomalies seen on the geophysical survey (Illus 4, 5). Large stone-lined drain was recorded in Trench 1. The capping stones (124) were at least 0.8m long and the stone-lined passage was 0.6m wide at the top, 0.3m wide at the base and 1.05m deep (Illus 10-13). There was a silt layer in the base which was sampled, and the base had a layer of at least 0.4m of sand which was trenched but not bottomed. The capping stones were traced through Trench 1, into Trench 2, Trench 9, 11, 18 and 19 (see below). The sides are constructed of larger fieldstones with smaller packing stones.



Illus 9 W side of mansion showing trenches and main features



Illus 10 Section and side elevation of drain 122



Illus 11 Capping stones drain 122; facing E



Illus 12 Drain 122 facing W (thanks to Jamie Cutts, Aberdeenshire Council)

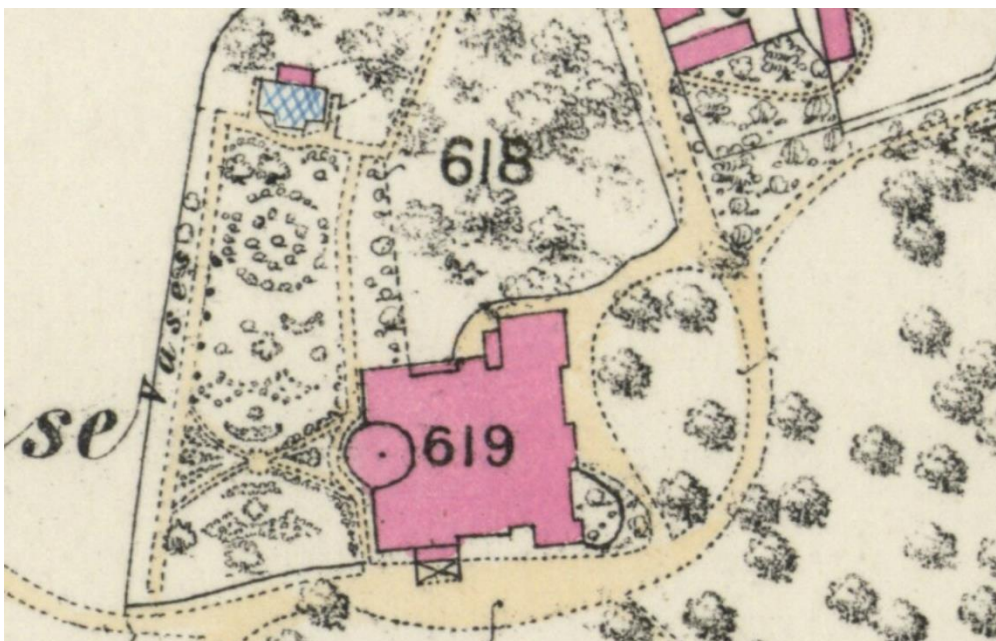


Illus 13 Drain 122 facing E (thanks to Jamie Cutts, Aberdeenshire Council)

The resistance survey showed a possible fountain or pond (Anomaly 2; Illus 5) and a central focus can be seen on the w side of the house on the First Edition OS map (Illus 15). A circular 4m diameter 0.7m deep pit had been cut into the centre of the garden aligned with the central bay window on the W façade. The pond was not *in situ* but a large section of concrete fountain base (Illus 13) was found dumped into the base of the pit. The base had been 3m diameter internally and probably dates to the late 19th or early 20th century. By the mid 20th century photographs (eg Illus 14) the pond and fountain have been removed. During removal lumps of concrete foundation, fountain base, ceramic garden ornaments and bricks had been dumped into the foundation pit. A cast iron valve box was uncovered (108; Illus 17) which would have regulated the water going into the fountain.



Illus 14 Concrete fountain base 110; facing N



Illus 15 First Edition OS map showing garden layout (copyright National Library of Scotland)



Illus 16 Mid 20th-century photo of W façade of Aden House (Courtesy of Aberdeenshire Council)



Illus 17 Cast iron hatch 108 with copper tap at base for regulating water to the pond 110; facing E

Trench 1 also contained up to 0.5m of garden soil with areas of small stones (103, 106) and a dump of coal (102).

3.1.2 Trench 2

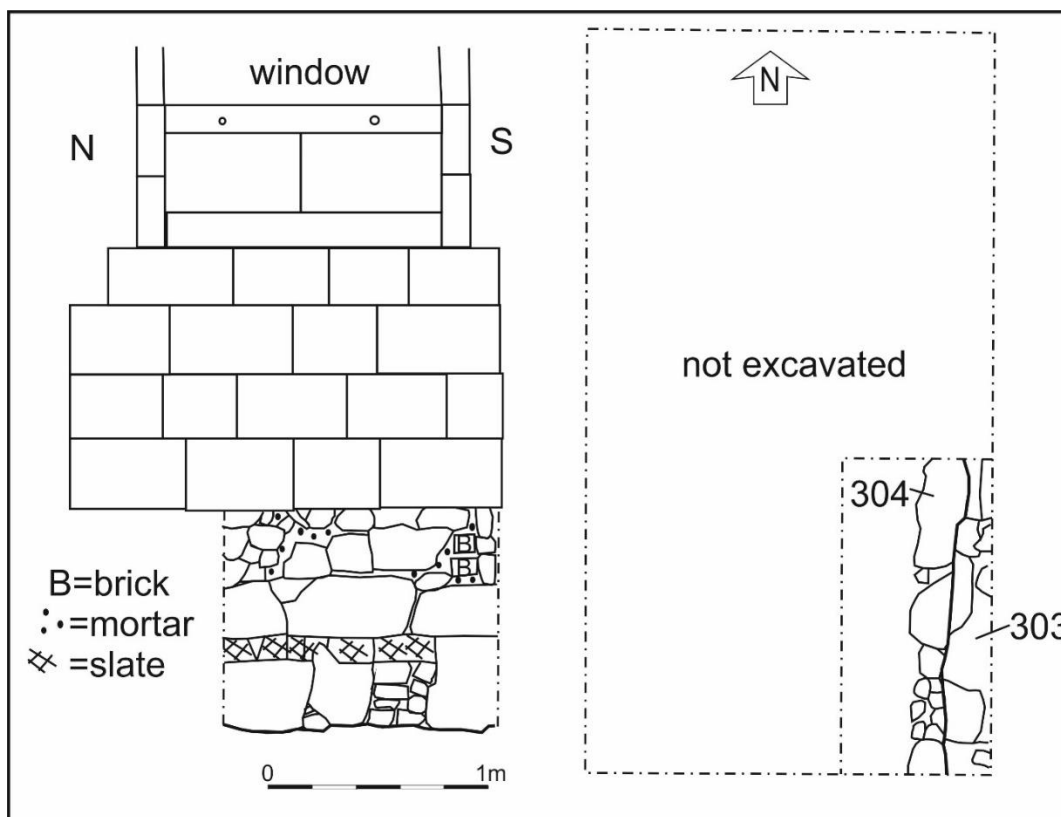
Trench 2 was excavated between Trench 1 and the mansion house to investigate the drain feature 122. Capping stones 201 (Illus 18) were uncovered but they were not lifted and the trench was backfilled.



Illus 18 Trench 2 drain capping stones 201; facing W

3.1.3 Trench 3

Trench 3 was excavated on the W side of the house to investigate the foundations and any earlier structures. A mortared stone stepped foundation (304; Illus 19) was uncovered and it is possible that this is from an earlier structure.



Illus 19 Trench 3 plan and elevation

3.1.4 Trench 4

Trench 4 was excavated to investigate an anomaly on the geophysical survey (Illus 4, 5). There was a demolition layer of small stones and mortar (401) at the E end of the trench (Illus 20) with garden soil above and below. This may have been laid as a path or surface.



Illus 20 Trench 4 spread of stone and mortar; facing E

3.1.5 Trench 5

Trench 5 was excavated to investigate an anomaly on the geophysical survey (Illus 4, 5). Here was 0.5m of garden soil with a dump of stones at the W end (Illus 21) but no other archaeological deposits were recorded.

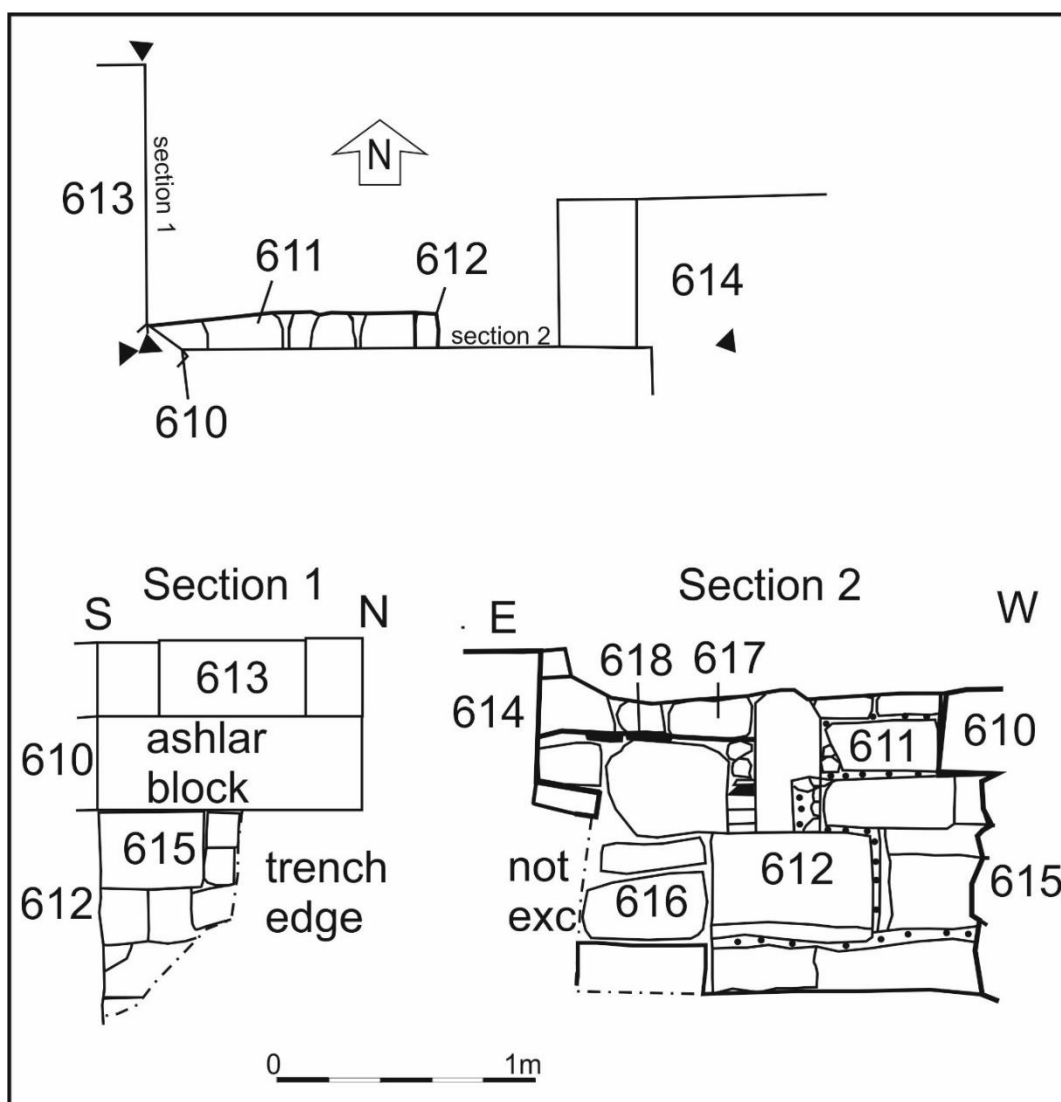


Illus 21 Tr 5 showing garden soil and loose stones; facing W

3.1.6 Trench 6

Trench 6 was located at a corner of the house on the N wall where there is an unusual stone feature angled at 45 degrees to the current house with a stone inscribed 'AR/EI' (Alexander Russel and Eliza Innes, Illus 3). The trench had layers of slate, coal and linoleum on top of *in situ* drain pipes and dumped stone and loam. Under the current structure is what appeared to be a stepped foundation but removal of drain pipes revealed that it was the corner of an earlier building (611/612; Illus 22-23).

There is no access to the rest of this structure from the exterior but excavation within the building might help to determine more about this earlier structure and whether it is a pre-1750s structure or represents Alexander Russel's earliest building.



Illus 22 Plan and sections Trench 6



Illus 23 Trench 6 wall 610 (bottom right); not the stone top right is angled at 45 degrees to the current building and features AR/EI incised stone above; facing S

3.1.7 Trench 7

Trench 7 was deturfed by Clydebank High School Archaeology Club but was not excavated.

3.1.8 Trench 8

Trench 8 is a coal access on the N wall of the mansion house. It had been filled with rubble during demolitions of the house in the mid 20th century. The finds are recorded in Appendix 2 below

3.1.9 Trench 9

Trench 9 was excavated on the W wall of the mansion house (Illus 8) to investigate the foundations of this structure. The stone foundation was 0.9m deep and capping stones from drain 1109 (see below) were recorded. These were bond into the foundation; the capping stones were not removed in Trench 9 and the drain was accessed only by drain rods and remote photography from Trench 11.

3.1.10 Trench 10

Trench 10 was excavated on the bay windows on the W wall of the mansion house (Illus 24) to investigate the foundations of this structure. The stone foundation was 0.3m deep and built onto the natural bedrock (Illus 25).



Illus 24 Trench 10 location under ashlar bay window; facing NE

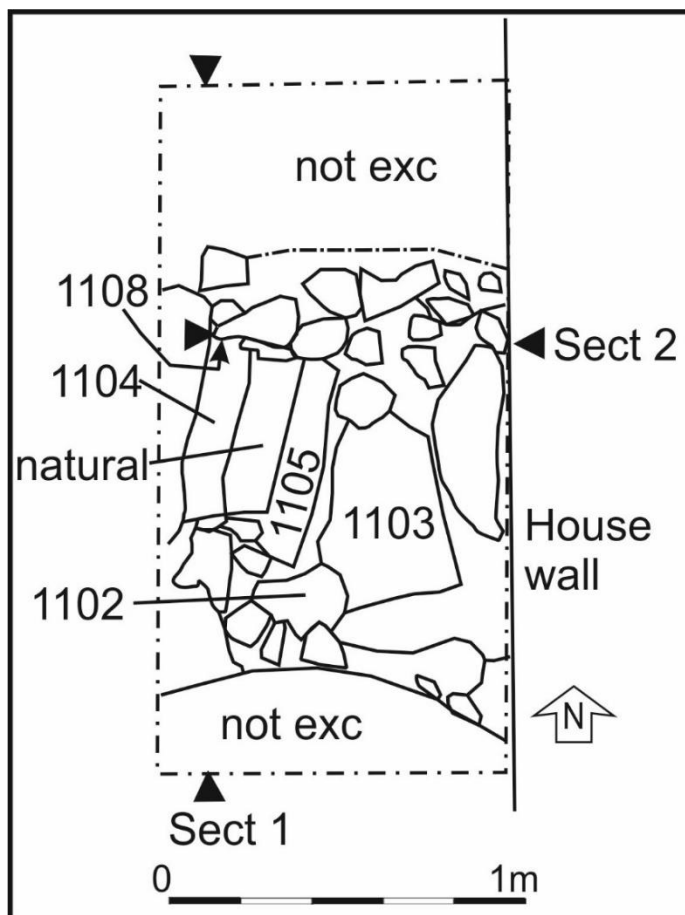


Illus 25 Trench 10 foundation of bay window (top); facing NE

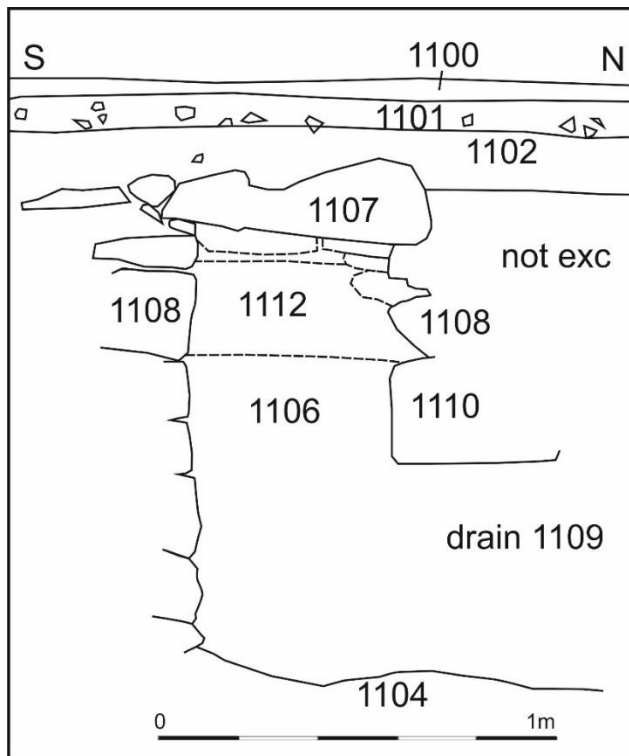
3.1.11 Trench 11

Trench 11 was excavated next to the W wall of the mansion house to investigate the drain feature 122 and the foundations of the house. Two drains were recorded in this trench. One (1106 runs W-E and joins with the drain in Trenches 1 and 2 (Illus 26, 28). It is stone-lined and 0.5m wide and 1.25m high although to the W of this trench the roof lowers to 0.95m deep. This may be the original height of the drain and the deeper section was rebuilt when a drain was joined in from the N. This is drain 1109 which is 0.45m wide and at least 0.6m deep; the capping stones of this drain were recorded in trenches 9, 11 and 18. All drains are stone lined with large granite capping stones. There was little access to the interior of the structure and drain rods with camera which were inserted into all structures was partially successful but no photographic recording of this was captured (as it was thought to be being recorded on an SD card but there was nothing on the card).

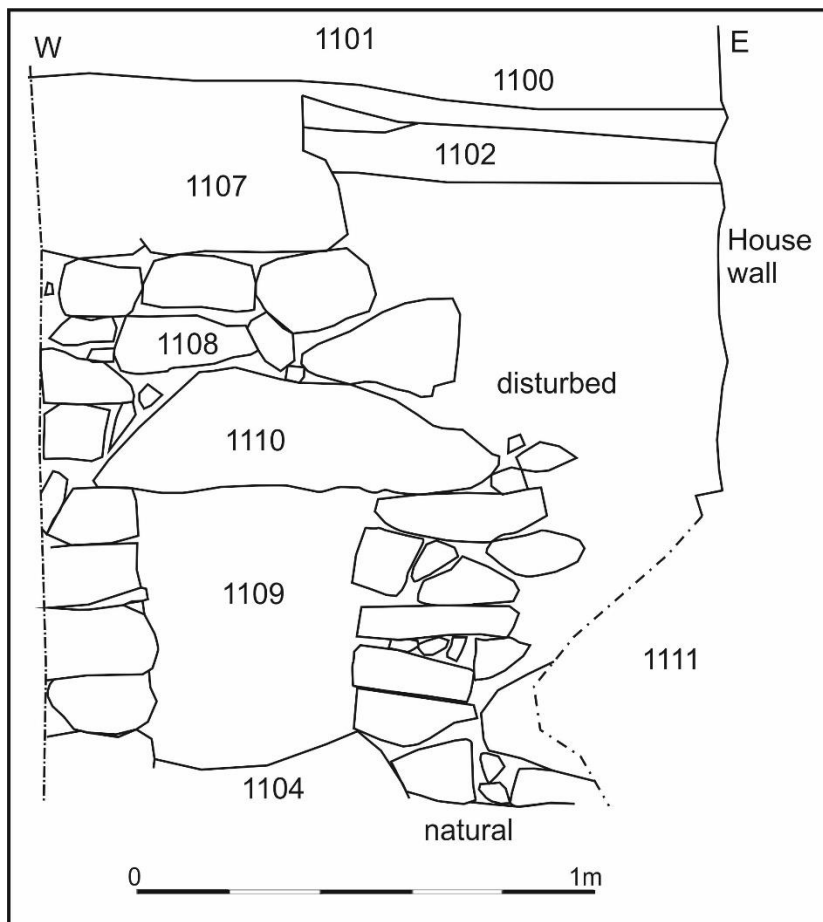
The N drain 1109 comes from the N and possibly around the NW corner of the house. It may be for taking excess water from the mid 18th-century laundry or from the laundry attached to Aden House. The W-E drain 1106 was blocked by the W foundation of the house (Illus 30) and is therefore associated with this structure or earlier than the house. Excavation within the house may reveal further evidence of the drain as it is too deep to appear on the ground radar survey.



Illus 26 Trench 11 plan



Illus 27 Trench 11 Section 1



Illus 28 Trench 11 Section 2



Illus 29 Trench 11 drain 1109 E wall mortared into Mansion W wall foundation



Illus 30 Trench 11 relationship of Mansion wall and foundation to drain 1106; facing E

3.1.12 Trench 12

Trench 12 was excavated on the S side of the house to investigate the foundations and any earlier structures. There was a layer of iron, pottery, glass and other rubble under the turf and above the sand natural subsoil. The foundations were 0.6m deep (Illus 31) and there was no suggestion of an earlier structure in this trench.



Illus 31 Trench 12 showing foundation of Mansion 0.6m deep; facing E

3.1.13 Trench 13

Trench 20 was excavated on the E side of the house to investigate the foundations and any earlier structures. The foundation was 0.6m deep (Illus 32) but there was no evidence of an earlier structure.



Illus 32 Trench 13 0.6m deep wall foundation under mid 18th-century Mansion wall; facing W

3.1.14 Trench 14

Trench 14 (Illus 33) was excavated on the E side of the house in an area of possible archaeological deposits. The turf was underlain with 5sm of soil on top of natural clayey sand and the trench was recorded and backfilled.



Illus 33 Trench 14 with Mansion E wall in background; facing W

3.1.15 Trench 15

Trench 20 was excavated at the SE corner of the house to investigate the foundations and any earlier structures. The foundation of the Mansion is only one stone (0.3m) deep and there is no evidence of earlier structures. There were loam garden soil layers under the turf and a waterwashed pebble surface (1502; Illus 34). These were stratigraphically late in date (mid 20th century) and may have been laid around planting beds as a decorative feature.



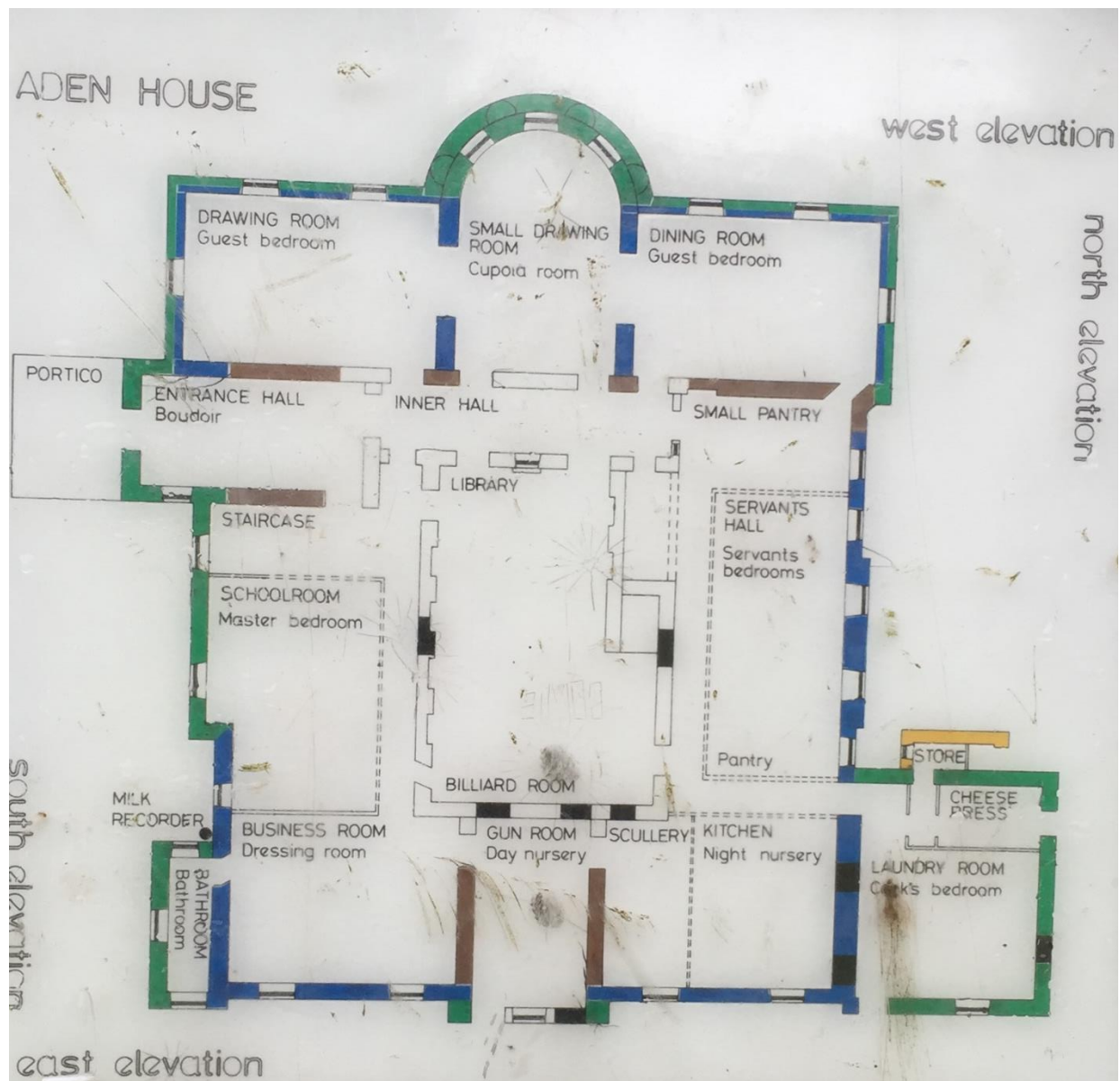
Illus 34 Pebble surface 1502; facing N

3.1.16 Trench 16

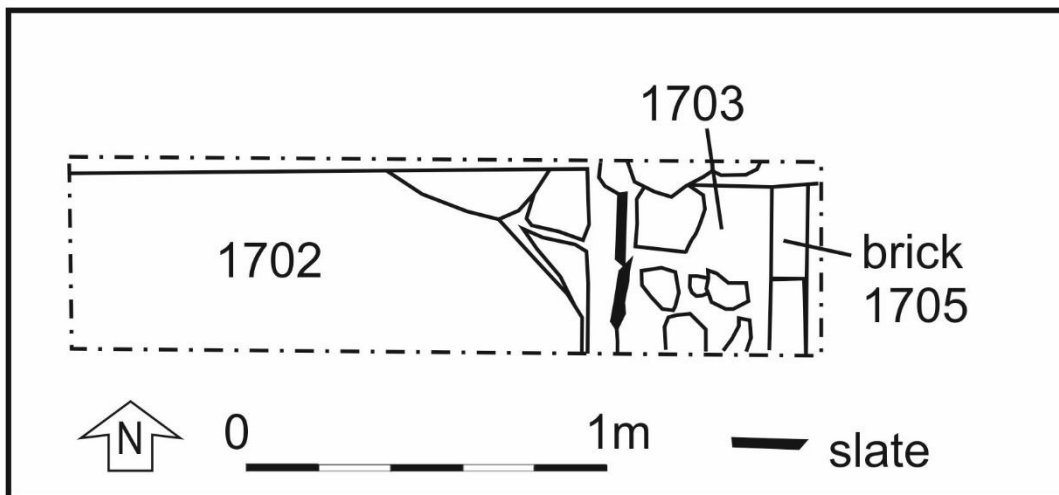
Trench 16 was dug on the W side of the Ha-ha wall in a line with drain 122 (Illus 8). It contained bark and podsol indicating that it had been in wooded area. No evidence of the drain was recorded and it is presumed that it was removed when the garden was landscaped and the Ha-ha wall built.

3.1.17 Trench 17

Trench 17 was excavated in the cart door entrance to The Gun Room (Illus 35). Under a concrete floor (1702) was a stone floor (1706, possibly from the mid 18th-century house). The cart door had been blocked with wall 1703 and edged with bricks 1705 (Illus 36-37). This blockage can be seen on the mid 20th-century photograph (Illus 38). This is an area for further study as this cart door led into a central courtyard in the mid 18th-century house.



Illus 35 Plan on board within Aden House showing room names



Illus 36 Trench 17 features



Illus 37 Trench 17 concrete floor 1702 (left) bricks underneath and stone wall foundation 1703 (right); facing N



Illus 38 Cart door (centre) showing infilling with stone and brick wall (1703); facing NE (copyright Aberdeenshire Council)

3.1.18 Trench 18

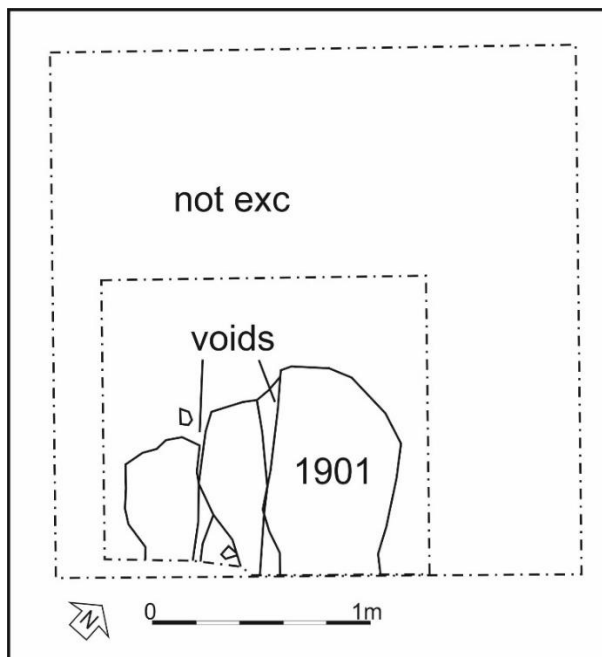
Trench 18 was excavated NW of Aden House to trace the drain recorded in Trenches 11 and 9; the soil was too deep to safely excavate the drain and the trench was backfilled.

3.1.19 Trench 19

Trench 19 was excavated at NJ97885 47790 at the location near the river that Jack Grant (park manager) dug and found a stone drain.



Illus 39 Stone drain capping 1901; facing NE



Illus 40 Drain capping 1901

3.1.20 Trench 20

Trench 20 was excavated on the S side of the house to investigate the foundations and any earlier structures. A shallow 0.3m foundation was recorded and a waterwashed pebble surface (Illus 41) like that seen in Trench 15. These were stratigraphically late in date (mid 20th century) and may have been laid around planting beds as a decorative feature.



Illus 41 Trench 20 pebble surface 2002; facing E

4 CONCLUSIONS AND RECOMMENDATIONS

This excavation was carried out to determine the nature of the current Aden House, determine dates for the structure, reveal earlier evidence and look at the development of the gardens. Geophysical survey suggested that the main formal garden were on the W façade and this is where the main trenching took place. Areas of pebbled surfaces and gravel were uncovered indicating surfaces and paths, area where trees had been located were identified but no evidence of formal planting was recorded.

The drain was an impressive structure which was well built and would have been capable of channelling large quantities of water from the house and surrounding area. It is thought that the main W-E drain may pre-date the house and excavation on the interior may answer this question. A later drain was constructed after the house and it joined into the main drain. It may have taken water from the laundries to the N of the house.

The excavation of the pond/fountain revealed that the concrete base for the fountain was 3m diameter and the original pit for the structure was 4m diameter. A central garden feature is recorded on the First Edition OS map but it likely that this pond was built in the late 19th-century and removed in the early 20th century prior to a series of photographs. There is no photograph of this pond/fountain although there are postcards showing the N end of the

garden. These show that the Ha-ha wall (Illus 8) which is still *in situ* did have two sets of steps to access the lower gardens. These can be seen on photographs (for example Illus 43).



Illus 42 Postcard kindly copied by owner David Elrick showing two sets of steps from the W garden, no fountain but a smaller bird bath/planter NW of the house outwith the excavation area.

The excavation of trenches adjacent to the foundation of the house revealed one area of older structure on the N wall (Trench 6), a corner not aligned to the current building. This could be investigated by excavation of internal trenches.

Finds include 18th and 19th-century domestic waste including pottery and glass, building material including window glass, brick, ceramic roof furniture (Illus 43, 44) and garden furniture including ceramic garden planters (Illus 45) and plant pots, and concrete pond fragments.



Illus 43 Garnkirk stamped fireclay roof furniture from Trench 8



UNIT C (INTERIOR VIEW EXTREME RIGHT FROM NORTH
FIRECLAY PIECES FROM ROOF OF ADEN HOUSE)
NEGATIVE NO.

Illus 44 Fireclay pieces from the roof of Aden House photographed in mid 1970s when Aberdeenshire Council carried out a survey of the buildings; they then disappeared.



Illus 45 Garnkirk pedestal planters (years of activity 1831-1898)
<https://www.scottishbrickhistory.co.uk/garnkirk-fireclay-works-garnkirk-north-lanarkshire-history/>



Illus 46 Fragments of ceramic garden furniture



Illus 47 Fireclay finial from roof furniture



Illus 48 Selection of cleaned roof furniture being sorted and selected by finds team (Sheila Duthie)



Illus 49 Three pennies from 1918 and 1919 found together in garden topsoil

5 ACKNOWLEDGEMENTS

We would like to thank Historic Environment Scotland, National Lottery Heritage Fund (NLHF), Aberdeenshire Council Archaeology Service and The Friends of Aden for funding this project.

I would like to thank Neil Shirran, Aden Country Park and Gillian Smith, Ironside Farrar for initiating this project; and Bruce Mann, Aberdeenshire Council Archaeology Service for his advice during the work. Thanks to all the volunteers and students particularly Jan Dunbar for supervising, and to Derek and Heather Jennings for their assistance planning and carrying out the dig.

6 REFERENCES

Cameron AS 2017 Site 1 19th and early 20th-century military training ground. Report prepared for Ironside Farrar and Aden Country Park National Lottery Heritage Fund (NLHF).

Cameron AS 2018a Excavation at Hareshowe 2017. Report prepared for Ironside Farrar and Aden Country Park National Lottery Heritage Fund (NLHF).

Cameron AS 2018b Excavation at the Twin Lodges, Aden. Report prepared for Ironside Farrar and Aden Country Park National Lottery Heritage Fund (NLHF).

Cameron AS 2019 Excavation at Hareshowe possible Neolithic enclosure. Report prepared for Ironside Farrar and Aden Country Park National Lottery Heritage Fund (NLHF).

Murray, HK and Murray, JC 2015 Aden House, Mintlaw, Aberdeenshire. OASIS mas1-220784_1.

Scottish Brickworks access online <https://www.scottishbrickhistory.co.uk/garnkirk-fireclay-works-garnkirk-north-lanarkshire-history/>

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

APPENDIX 1 CONTEXTS

Context	Trench	Description
100	1	Sandy topsoil
101	1	Base of topsoil
102	1	Coal in a shallow scoop 1 x 1.5m and 6.5cm deep
103	1	Spread of small stones, surface? 2 x 2m 6cm thick
104	1	Soil W of drain 122
105	1	Soil E of drain 122
106	1	Area of sand and stones, area where tree has been removed (roots go into drain below)
107	1	As 106
108	1	Iron inspection hatch for tap for pond
109	1	Cut for pond
110	1	Concrete pond basin
111	1	Soil adjacent to 109
112	1	Stones under 103 above drain 122
113	1	Soil below 110
114	1	Loam with chunks of white clay under 103 above 122
115	1	Topsoil removed in sondage
116	1	Gravel under 103
117	1	=drain 122 in sondage
118	1	Clay around pond 109
119	1	Soil under 118
120	1	Rubble under 116
121	1	Rubble under 120
122	1	Cut for drain
123	1	Silt in base of drain 122
124	1	Capping stones of drain 122
125	1	Stone sides of drain 122
200	2	Topsoil
201	2	Stone drain capping (not excavated)
300	3	Turf
301	3	Topsoil – compact redeposited natural and clay
302	3	Ashlar granite
303	3	Stone mortar bonded foundation
304	3	Stone mortar bonded foundation/earlier wall
400	4	Topsoil
401	4	Spread of small stones, surface
402	4	Lower garden soil
500	5	Topsoil
501	5	Stones in soil
502	5	Lower garden soil
600	6	Topsoil
601	6	Slates, pottery, coal dump
602	6	Glass, pottery, linoleum
603	6	Slates on top of drain and pipes, dump from roof
604	6	Pipes, ceramics in clay, sand and gravel, dump
610	6	Stones set at 45 degree angle at junction 611 and 613
611	6	Foundation 18 th -century wall/earlier wall

612	6	Lower wall – earlier structure
613	6	Ashlar wall 1830s facade
614	6	Coal access
615	6	Under 613 foundation 613 butted in to 611
616	6	Large stone with off-white mortar on face
617	6	Rubble and block granite wall, N wall of 18 th century house
618	6	2 slates between wall 617 above and 616 below
700	7	Turf – not excavated below
800	8	Rubble dumped into coal access
900	9	Topsoil , soil, glass, brick
901	9	Stone rubble above drain 902
902	9	Capping stones drain – not excavated
1000	10	Topsoil
1001	10	Rubble
1002	10	Rubble
1003	10	Wall foundation bay window above, stone and brick
1100	11	Turf and topsoil
1101	11	Orange sandy gravel
1102	11	Rubble and loam
1103	11	Flat laid stones under 1102
1104	11	Build-up of sand and gravel at blocked up end of drain 1106
1105	11	Stones used to block drain 1106 including reused cap stones
1106	11	E end of main drain = 122
1107	11	Capping stones 1106
1108	11	Wall stones drain 1106
1109	11	Drain running N-S joining 1106
1110	11	Capping stone of drain 1109
1111	11	Mansion house foundation – west facade
1112	11	Lower capping stone N drain 1112 80cm W of 1107 c 30cm lower
1200	12	Topsoil, stone, metal, glass
1201	12	Ashlar wall
1202	12	Foundation of 1201
1300	13	Topsoil, stone, metal, glass
1301	13	Soil under 1300
1302	13	Natural bedrock
1303	13	Rubble and block wall
1304	13	Foundation 1303
1400	14	Turf and soil
1500	15	Topsoil
1501	15	Thin mortar layer, patchy
1502	15	Pebble surface
1503	15	Soil below 1502
1504	15	Bedrock
1601	16	Turf and topsoil
1601	16	Composted bark
1602	16	Podsol above natural
1700	17	Turf and topsoil
1701	17	Loam and mortar

1702	17	Cement floor – floor of gun room
1703	17	Wall blocking off archway – early 20 th century
1704	17	Loose mortar and stones
1705	17	Mortared brick
1706	17	Flat stones under 1705
1707	17	Loam with animal bone and charcoal
1800	18	Topsoil
1801	18	Infill
1802	18	Drain capping
1900	19	Topsoil
1901	19	Drain capping
2000	20	Topsoil
2001	20	Gravel and stones
2002	20	Small river cobbled surface
2003	20	Gravel
2004	20	Natural
2005	20	Foundation of house

APPENDIX 2 FINDS

Find No	Trench	Context	Description
1	TR1	100	4 copper pre-decimal pennies (1 x 1918; 1 x 1919; 2 x unclear) + 2 decimal 1/2p + 1 decimal 1p
2	TR1	100	4 x burnt flint
3	TR1	100	6 x flint + 2 x flint pebbles
4	TR1	100	1 x rhyolite?
5	TR1	100	19 x slate
6	TR1	100	64 ceramic sherds
7	TR1	100	32 curved ceramic sherds
8	TR1	100	13 ceramic rims
9	TR1	100	6 ceramic bases
10	TR1	100	2 ceramics Bulwell
11	TR1	100	4 ceramic (Medieval)
12	TR1	100	24 glazed ceramics
13	TR1	100	2 pieces glazed ceramic - Seaton?
14	TR1	100	1 piece glazed ceramic - Somme?
15	TR1	100	1 pig stopper
16	TR1	100	1 bottle ceramic with
17	TR1	100	51 metal finds
18	TR1	100	1 piece lead
19	TR1	100	14 pieces window glass
20	TR1	100	98 pieces clear glass
21	TR1	100	2 pieces mirror glass
22	TR1	100	27 pieces coloured glass
23	TR1	100	1 piece old green glass
24	TR1	100	13 different clear glass
25	TR1	100	2 unusual stones
26	TR1	100	67 pieces coal / coke / ash
27	TR1	100	1 knitted baby mitten
28	TR1	100	variety of plastic fragments

29	TR1	100	7 ring pulls & 1 other
30	TR1	100	1 piece horn?
31	TR1	100	2 buttons
32	TR1	100	2 ammunition fragments
33	TR1	100	1 metal fragment - toy?
34	TR1	100	4 metal fragments
35	TR1	100	1 granite stone with paint daub
36	TR1	100	1 piece rubber
37	TR1	100	1 piece leather
38	TR1	100	1 black glass bead
39	TR1	100	8 x building materials - sample
40	TR1	100	1 aluminium object
41	TR1	100	1 animal bone charred?
42	TR1	100	1 piece bone china
43	TR1	100	1 cast iron thing
44	TR1	101	1 plastic? Dolphin
45	TR1	104	1 ceramic rim
46	TR1	104	4 x ceramic (mixed)
47	TR1	104	1 glass bottle base
48	TR1	104	1 slate
49	TR1	107	15 x slate
50	TR1	107	1 x ceramic rim
51	TR1	107	6 x mixed ceramic
52	TR1	107	5 x coal / coke
53	TR1	107	5 x metal fragments
54	TR1	107	2 x glass fragments (clear)
55	TR1	107	2 x nails
56	TR1	110	1 x large metal object; 8 x metal fragments
57	TR1	110	5 x glass fragments (clear)
58	TR1	110	1 x ceramic base
59	TR1	110	3 x ceramic fragments
60	TR1	110	3 x plastic fragments
61	TR1	112	1 x mystery fragment
62	TR1	112	1 x slate
63	TR1	112	1 x glazed ceramic fragment
64	TR1	113	1 x clear glass fragment
65	TR1	113	1 x green glass fragment
66	TR1	114	1 x shotgun cartridge end
67	TR1	115	7 x ceramic rims
68	TR1	115	1 x ceramic base
69	TR1	115	40 x mixed ceramic fragments
70	TR1	115	1 x clay pipe stem fragment
71	TR1	115	1 x glazed ceramic
72	TR1	115	1 x light blue glass fragment
73	TR1	115	11 x clear glass fragments
74	TR1	115	1 x flint chunk
75	TR1	115	10 x coal / coke
76	TR1	115	1 x bottle glass fragment
77	TR1	115	6 x pieces of slate
78	TR1	115	2 x metal objects
79	TR1	117	1 x Stella top
80	TR1	117	3 x clear glass fragments
81	TR1	117	1 x green glass fragment

82	TR1	118	4 x pieces concrete
83	TR1	118	18 x pieces of drainage pipe
84	TR1	118	6 x pieces of jardinière
85	TR1	118	1 x coal / coke
86	TR1	119	29 pieces of jardinière
87	TR1	119	18 pieces drainage pipe
88	TR1	121	1 x glass bottle base
89	TR1	121	1 x metal object
90	TR2	200	1 x Venetian-type glass (c17thC)
91	TR2	200	1 x large button
92	TR2	200	1 x piece red fabric
93	TR2	200	2 x nails
94	TR2	200	5 x slate
95	TR2	200	29 x coloured glass fragments
96	TR2	200	17 x clear glass fragments
97	TR2	200	323 x glazed ceramic
98	TR2	200	1 x plastic
99	TR2	200	1 x clay pip bowl (broken)
100	TR2	200	1 x quartz
101	TR2	200	6 x unglazed ceramic
102	TR2	200	1 x fork
103	TR1	113	1 x clear glass fragment
104	TR1	121	1 x clear glass fragment
105	TR1	120	1 x glazed ceramic (with embossing)
106	TR3	300	76 x coloured glass fragments
107	TR3	300	1 x coin (1p)
108	TR3	300	1 x coin (1p - cut in half)
109	TR3	300	5 x glazed ceramic fragments
110	TR3	300	2 x ceramic fragments (glaze missing)
111	TR3	300	18 x brick fragments
112	TR3	300	1 x unglazed ceramic fragment
113	TR3	300	1 x slate (with hole)
114	TR3	300	12 x metal objects including 1 x window catch; 3 x square nails; 1 x painted green)
115	TR3	300	2 x coloured plastic
116	TR3	300	1 x bird bone
117	TR3	300	4 x building mortar
118	TR3	300	120 x clear glass fragments
119	TR3	300	11 x metal ring pulls
120	TR3	300	100 x clear glass fragments (curved)
121	TR3	300	1 x glass fragment (mirror)
122	TR3	300	1 x beer bottle fragment with remains of label
123	TR3	302	3 x ceramic fragments including 1 x base and 2 x rims
124	TR3	302	1 x burnt ceramic?
125	TR4	400	4 x unglazed ceramic fragments including 1 x base; 1 x rim
126	TR4	400	2 x coloured glass fragments
127	TR4	400	1 x metal object
128	TR4	400	1 x charcoal
129	TR4	400	3 x ceramic tile fragments
130	TR5	500	3 x clear glass fragments
131	TR5	500	1 x coloured glass fragment (bottle)
132	TR5	500	2 x charcoal
133	TR5	500	1 x flint?

134	TR6	604	5 x bone fragments
135	TR6	604	2 x clay pipe stems (broken)
136	TR6	604	1 x complete teaspoon
137	TR6	604	4 x glazed ceramic fragments including 1 x base
138	TR6	604	4 x glazed ceramic fragments - all fit together
139	TR6	604	1 x glazed ceramic fragment
140	TR6	604	1 x brick/tile
141	TR6	604	19 x broken drain fragments
142	TR6	604	2 x metal objects
143	TR9	900	35 x coloured glass fragments
144	TR9	900	3 x clear window glass fragments
145	TR9	900	15 x clear bottle glass fragments
146	TR9	900	19 x coloured bottle glass fragments
147	TR9	900	2 x metal objects
148	TR9	900	2 x brick
149	TR9	900	2 x misc. building material
150	TR9	900	1 x fork
151	TR9	900	1 x glazed ceramic rim fragment
152	TR9	900	1 x stone (worked)
153	TR6	602	6 x drain fragments
154	TR6	602	4 x large fragment of burnt lino plus small fragments
155	TR6	602	15 x coloured bottle glass fragments
156	TR9	901	7 x metal objects (all nails)
157	TR9	901	2 x slate (1 with hole)
158	TR9	901	1 x glazed ceramic rim
159	TR9	901	1 x shell
160	TR9	901	3 x building materials
161	TR9	901	2 x unglazed ceramic fragments
162	TR1	123	cup and Smiths crisp bag (1988)
163	TR6	601	2 x slate roof tiles with nails in hole
164	TR6	601	34 x clear window glass fragments
165	TR6	601	3 x railing fragments
166	TR6	601	3 x glazed ceramic fragments
167	TR6	601	1 x nail (square head)
168	TR6	601	1 x burnt lino
169	TR1	115	9 x unglazed ceramic fragments including 3 x rims and 1 x base
170	TR1	115	7 x charcoal fragments
171	TR1	115	5 x unglazed ceramic fragments
172	TR1	115	1 x primary flint flake
173	TR1	115	3 x clear glass fragment including 1 with edge
174	TR1	115	2 x metal objects
175	TR1	115	1 x ring pull
176	TR1	123	1 x flint flake (inner)
177	TR1	123	4 x clear glass fragments including 1 x bottle rim
178	TR1	123	2 x glazed ceramic fragments
179	TR1	123	2 x unglazed ceramic fragments
180	TR5	500	1 x flint flake (primary)
181	TR6	600	3 x clear glass fragments
182	TR6	600	1 x piece of rubber tubing
183	TR6	600	2 x building materials
184	TR6	600	2 x slate
185	TR6	600	1 x charcoal?

186	TR7	700	4 x clear window glass
187	TR7	700	1 x coin
188	TR7	700	2 x rims glazed; 1 x handle glazed
189	TR7	700	1 x glazed fire surround tile? (Minton)
190	TR7	700	4 x mystery objects
191	TR7	700	2 x clear bottle glass including 1 with writing
192	TR7	700	3 x unglazed ceramic fragments
193	TR7	700	1 x coloured glass fragment (bottle)
194	TR7	700	1 x stone with JC written on it
195	TR7	700	2 x building materials
196	TR7	700	2 x brick fragments
197	TR7	700	3 x burnt fragments
198	TR7	700	2 x charcoal
199	TR8	800	5 x narrow top fireclay horizontal balustrade (stored in SW corner of office)
200	TR8	800	11 x wider lower horizontal balustrade with holes (on top of 199)
201	TR8	800	11 x wider lower horizontal balustrade no holes (on top of 200)
202	TR8	800	9 x vertical ornamental upright
203	TR8	800	3 x red clay chimney pot
204	TR8	800	1 x fireclay brick "CALEDONIA"
205	TR3	302	2 sample slate
206	TR3	302	1 piece pink granite polished on both sides
207	TR3	302	3 pieces corner mortar
208	TR3	302	1 almond shell
209	TR3	302	7 x modern objects
210	TR3	302	1 x unglazed ceramic fragment
211	TR3	302	1 x glazed rim
212	TR3	302	4 x vertical ornamental upright (balustrade)
213	TR3	302	8 x fireclay (1 with lines) fragments
214	TR3	302	8 x brick
215	TR3	302	1 x metal object
216	Unstratified		2 x fireclay fragments 2 x glazed ceramic
217	TR3	300	2 x concrete fragments
218	TR3	300	2 x fireclay fragments
219	TR3	300	3 x metal objects (1 x bracket + 2 nails)
220	TR3	300	1 x bottle stopper "Hunter's"
221	TR3	300	1 x metal runner?
222	TR3	300	1 x clay pipe stem fragment
223	TR3	300	1 x small bone ⁴
224	TR3	300	1 x unglazed ceramic fragment
225	TR3	300	1 x unglazed ceramic fragment
226	TR3	300	4 x sample slate
227	TR3	300	1 x brick fragment
228	TR3	300	4 x glazed ceramic fragments
229	TR3	300	2 x coal
230	TR3	300	11 x window glass
231	TR3	300	3 x curved glass fragments
232	TR3	300	5 x green glass
233	TR6	603	1 x slate
234	TR6	603	13 x blackened ceramic drain fragments
235	TR6	603	6 x window glass
236	TR6	603	1 x slag?

237	TR6	603	1 x fireclay fragment
238	TR6	603	1 x bottle glass "EL"
239	TR6	603	1 x glazed ceramic drain?
240	TR6	603	1 x mortared drain?
241	TR6	603	1 x mortar with lead paint?
242	TR6	603	1 x blackened chimney pot or jardinière
243	TR6	603	1 x coal
244	TR6	603	1 x metal bracket
245	TR6	603	4 x bottle glass coloured
246	TR6	603	2 x brick fragments
247	TR6	603	1 x ceramic base
248	TR6	603	1 x modern plastic grouting tool
249	TR1	100	2 x roof slate
250	TR1	100	5 x ceramic unglazed drain pipe
251	TR1	100	1 x glazed ceramic base +1 x glazed ceramic fragment (Seaton)
252	TR1	100	1 x unglazed ceramic base
253	TR1	100	3 x unglazed ceramic rims
254	TR1	100	2 x fireclay fragments
255	TR1	100	3 x unglazed ceramic fragments
256	TR1	100	3 x window glass fragments
257	TR1	100	2 x curved clear glass
258	TR1	100	1 x iron nail
259	TR1	100	4 x modern objects
260	TR11	1103	1 x mortar
261	TR11	1103	1 x roof slate
262	TR11	1103	1 box of small animal bones
263	TR11	1103	3 x green glass fragments
264	TR11	1103	1 x clear glass fragment
265	Gardeners Cottage - unstratified		1 x vertical ornamental upright
266	TR1	100	11 x coal pieces
267	TR1	100	3 x glazed ceramic fragments
268	TR1	100	6 x unglazed ceramic (drain?)
269	TR1	100	animal teeth
270	TR1	100	7 x iron objects
271	TR1	100	1 xx fireclay fragment
272	TR1	100	1 x brick fragment
273	TR1	100	1 x decimal 5p (1999)
274	TR1	100	1 x modern object
275	TR15	1500	1 x 6m window glass (sample)
276	TR15	1500	1 x 4m window glass (sample)
277	TR15	1500	1 x 2m window glass (sample)
278	TR15	1500	3 x brick fragments
279	TR15	1500	5 x unglazed ceramic curve drainpipe
280	TR15	1500	8 x ceramic unglazed fragments
281	TR15	1500	2 x unglazed ceramic base fragments
282	TR15	1500	5 x unglazed ceramic rim fragments
283	TR15	1500	6 x clear curved glass
284	TR15	1500	4 x pieces of glass tubing (barometer or crack pipe)
285	TR15	1500	1 x small mammal leg bone
286	TR15	1500	1 x shotgun cartridge "GRAND PRIX 6"

287	TR15	1500	2 x slate (sample)
288	TR15	1500	14 x green bottle glass
289	TR15	1500	1 x modern electric flex
290	TR15	1500	1 x lead object
291	TR15	1500	1 x glazed ceramic fragment
292	TR15	1500	1 x iron nail
293	TR15	1500	1 x opaque window glass (2m?)
294	TR1	100	14 x iron objects
295	TR1	100	1 x fireclay jardinière
296	TR1	100	1 x highly polished black stone (gaming piece)
297	TR12	1200	1 x metal bracket
298	TR12	1200	1 x metal strut with chevrons
299	TR12	1200	3 x metal ornamental pins
300	TR12	1200	5 x iron nails
301	TR12	1200	6 x clear bottle glass
302	TR12	1200	2 x 6mm window glass samples
303	TR12	1200	2 x 4mm window glass sample
304	TR12	1200	1 x 2mm window glass sample
305	TR12	1200	8 x brown bottle glass
306	TR12	1200	5 x thin clear glass
307	TR12	1200	1 x opaque window
308	TR12	1200	2 x slate (sample)
309	TR12	1200	3 x pieces coal
310	TR12	1200	2 x mortar fragments
311	TR12	1200	2 x glazed ceramic fragments
312	TR12	1200	modern objects
313	TR12	1200	2 x unglazed ceramic drain
314	TR12	1200	1 x shotgun cartridge
315	TR12	1200	8 x fireclay fragments
316	TR12	1200	6 x brick fragments
317	TR17	1701	5 x clear window glass fragments
318	TR17	1701	1 x green glass bottle fragment
319	TR17	1701	8 x building material fragments with painted plaster?
320	TR17	1701	3 x building material fragments (1 with green colour)
321	TR17	1707	6 x animal bones (bird?)
322	TR17	1704	60 x coloured glass bottle fragments
323	TR17	1704	5 x clear bottle glass fragments (1 with AR written on it)
324	TR17	1704	4 x coloured/clear glass fragments
325	TR17	1704	1 x glazed ceramic fragment (glazed on both sides)
326	TR17	1704	1 x roof slate fragment with nail hole
327	TR2	200	1 x glazed ceramic fragment with blue pattern on outside
328	TR11	1102	1 x clay pipe stem fragment
329	TR11	1102	1 x green glass bottle fragment
330	TR11	1102	1 x rusty nail
331	TR10	1000	85 x window glass fragments
332	TR10	1000	4 x mould plaster fragments
333	TR10	1000	10 x coloured bottle glass fragments
334	TR10	1000	7 x plaster fragments
335	TR10	1000	2 x glazed ceramic fragments (glazed on both sides)
336	TR10	1000	13 x clear glass bottle fragments
337	TR10	1000	1 x worked marble fragment?
338	TR10	1000	17 x clear glass fragments
339	TR10	1000	2 x animal bone fragments

340	TR10	1000	2 x brick / tile fragments
341	TR10	1000	1 x ring pull
342	TR12	1200	3 x brick fragments
343	TR12	1200	2 x burnt stones
344	TR20	2001	20 x clear window glass fragments
345	TR20	2001	4 x clear bottle glass fragments
346	TR20	2001	3 x coloured bottle glass fragments
347	TR20	2001	3 x glazed ceramic fragments
348	TR20	2001	1 x electrical ?
349	TR20	2001	1 x electrical connector (with iron hook)
350	TR20	2001	4 x unglazed ceramic fragments
351	TR20	2001	4 x nails
352	TR20	2001	2 x ring pulls
353	TR20	2001	1 x plastic fragment
354	TR20	2001	3 x plaster fragments
355	TR20	2001	2 x metal fragments
356	TR20	2001	1 x coin (10p - 1979)
357	TR4	400	1 x stoneware bottle (complete)
358	TR4	400	3 x pieces of electric fence isolator (with wire - copper)
359	TR4	400	4 x glazed ceramic fragments (1 x white; 1 x dark blue handle; 1 x cream (dairy) plate; 1 x handle)
360	TR4	400	3 x coloured glass fragments
361	TR4	400	1 x ring pull
362	TR4	400	1 x metal object
363	TR4	400	13 x pieces of coke / coal
364	TR4	400	1 x broken glass bottle
365	TR4	400	5 x clear glass fragments
366	TR4	400	1 x metal object
367	TR4	400	3 x unglazed ceramic rims
368	TR4	400	10 x unglazed ceramic fragments
369	TR4	400	1 x iron nail
370	TR5	500	2 x clear glass fragments (incl. 1 x end)
371	TR5	500	1 x coloured bottle glass fragments
372	TR5	500	1 x ring pull
373	TR11	1104	3 x clear glass fragments
374	TR11	1104	1 x unglazed ceramic fragment
375	TR11	1104	5 x charcoal fragments
376	TR11	1104	6 x coloured glass fragments
377	TR13	1300	5 x clear glass fragments
378	TR13	1300	1 x unglazed ceramic rim
379	TR13	1300	1 x coloured glass fragment (bottle)
380	TR15	1502	1 x flint chip (inner) - honey coloured
381	TR15	1502	2 x coloured glass fragments
382	TR13	1301	9 x animal bone fragments
383	TR13	1301	1 x unglazed ceramic fragment
384	TR9	900	2 x iron nails
385	TR9	900	1 x fruit stone (broken)
386	TR9	900	4 x coloured glass fragments
387	TR9	900	2 x plaster fragments
388	TR9	900	1 x coal fragment
389	TR15	1502	2 x iron nails
390	TR15	1502	1 x glazed ceramic fragment (Seaton?)
391	TR20	2002	17 x clear glass fragments

392	TR20	2002	3 glazed ceramic fragments (incl. 1 x decorated)
393	TR20	2002	4 x plaster fragments (incl pointing)
394	TR20	2002	1 x coloured glass fragment
395	TR20	2002	1 x bullet casing?
396	TR20	2002	1 x unglazed ceramic fragment
397	TR11	1100	1 x moulded plaster fragment (similar to 332)
398	TR11	1100	8 x coloured glass fragments
399	TR11	1100	1 x glass top
400	TR11	1100	3 x firebrick fragments
401	TR11	1100	2 x coloured bottle glass fragments (1 x top; 1 x base)
402	TR11	1100	2 x clear glass fragments
403	TR11	1100	1 x unglazed ceramic (drain pipe)
404	TR11	1100	3 x plaster fragments
405	TR6	604	2 x unglazed drainpipe fragments
406	TR6	604	1 x glazed drainpipe fragment
407	TR6	604	1 x glazed ceramic fragment (plant pot)
408	TR6	604	2 x clay pipe stems (broken)
409	TR6	604	2 x glazed ceramic fragment (blue painted under glaze)
410	TR6	604	1 x moulded blue glass fragment
411	TR6	604	1 x iron nail
412	TR6	604	1 x clear glass fragment
413	TR6	604	1 x glazed ceramic rim
414	TR9	901	2 x clear glass fragments; 2 x coloured glass fragments
415	TR1	100	1 x rusty iron nail
416	TR1	100	1 x 5p coin
417	TR1	100	1 x quartz flake
418	TR1	100	1 x unglazed ceramic fragment (may be drain)
419	TR1	100	2 x glazed ceramic fragments
420	TR1	100	4 x clear glass fragments
421	TR1	100	1 x metal button
422	TR1	100	1 x clay pipe stem fragment
423	TR1	100	6 x coloured glass fragments
424	TR1	100	12 x unglazed ceramic fragments (incl. 2 x bases; 1 x rim)
425	TR1	100	4 x metal objects
426	TR20	2003	5 x glass fragments (incl. 3 x coloured; 2 x clear)
427	TR20	2003	5 x glazed ceramic fragments
428	TR20	2003	1 x unglazed ceramic fragment
429	TR20	2003	3 x metal objects
430	TR20	2001	3 x clear glass fragments
431	TR8	800	3 x clear glass fragments; 2 x green glass fragments; 1 x brown glass fragments
432	TR8	800	2 x metal objects (incl. 1 x end of cartridge)
433	TR8	800	2 x bone fragments; 1 x tooth
434	TR8	800	6 x glazed ceramic fragments
435	TR8	800	7 x metal objects (incl. 1 stuck to slate tile)
436	TR8	800	5 x unglazed ceramic fragments
437	TR8	800	8 x worked stone fragments
438	TR8	800	6 x firebrick fragments
439	TR8	800	4 x glazed ceramic fragments
440	TR8	800	13 x clear glass fragments; 21 x coloured glass fragments
441	TR8	800	3 x unglazed ceramic fragments
442	TR8	800	3 x metal objects
443	TR8	800	2 x firebrick fragments (1 bottom of planter with Garnkirk

444	TR8	800	1 x lead flashing fragment (2 fragments not retained)
445	TR8	800	3 x brick fragments
446	TR8	800	2 x bone fragments
447	TR8	800	1 x old paint brush
448	TR8	800	2 x building materials (incl. 1 x finale (broken))
449	TR1	100	3 x unglazed ceramic fragments
450	TR1	106	2 x fountain fragments
451	TR1	100	1 x plastic fragment
452	TR1	100	1 x clear glass fragment
453	TR6	600	4 x roofing slates

APPENDIX 3 SAMPLES

Sample no	Context	Description
1	123	10L

APPENDIX 4 LEVELS

Backsight to TBM (top of concrete steps base)	Height (not tied into National Grid) m	Details
1.28	1.78	Tr2 top of drain E end
1.28	1.64	Tr2 top of drain W end
1.28	1.87	Tr2 natural S side
1.28	1.76	Tr2 natural N side
1.28	1.84	Top of drain sondage
1.28	1.80	Tr 1 main drain E end
1.28	1.85	Tr 1 main drain W end
1.28	3.01	Stone removed interior top of sand
1.28	1.59	Stone removed interior top of 101
1.28	2.09	Tr 1 top of natural next to pond 118
1.28	1.90	Top of pond basin
1.28	1.65	Top of soil above pond
1.28	1.26	Tr9 bottom of ashlar wall
1.28	2.27	Tr9 top of drain
1.28	1.28	Tr11 bottom ashlar wall/top of older section/foundation
1.28	1.39	Tr11 top of drain
1.28	2.28	Tr11 natural
1.28	2.65	1104
1.28	2.25	Tr11 top of blocking stone
1.28	1.50	Tr11 top of gravel
1.28	1.47	Tr4 grass
1.28	1.52	Tr5 grass
1.28	1.25	Tr10 grass
1.28	1.91	Tr10 top of bedrock

1.28	1.21	Tr3 bottom of ashlar/top of old wall/foundation
1.28	1.80	Tr3 step on foundation
1.28	2.36	Tr3 natural
1.21	2.21	Tr15 top of trench
1.21	2.69	Top of natural
1.21	1.53	Haha wall top
1.21	2.33	Haha wall base
1.60	1.39	Tr12 ground level
1.60	1.60	Tr12 base of ashlar block
1.60	1.92	Tr12 step
1.60	2.35	Tr12 base of trench (bedrock)
1.60	0.35	Tr15 ground surface
1.60	0.51	Tr15 pebbly surface
1.60	0.85	Tr 15 Base of trench

APPENDIX 5 PHOTOGRAPHS

Photo no	Description	Facing
7096	Tr2	S
7097	Tr1 turf removed	W
7098-99	Pebble surface 103	S
7100	Pebble surface 103	E
7101	Pit filled with coal 102	E
7102-3	Pit filled with coal 102	N
7104	Pebble area 106	S
7105	Pebble area 106 (foreground)	E
7106	Pebble area 106	S
7107	Slate area within 106	S
7108	Ceramic plant pot rim 115	W
7109	Iron hatch with tap underneath 108	W
7110	102 half excavated	S
7111	102 half excavated	E
7112	W half Trench 1	E
7113	Stones in 115	E
7114	115	W
7115	15	S
7116-19	Tr1 drain capping 124 before removal of one stone for access	E
7120	124	S
7121	120	S
7122	120	E
7123	capping stones between Tr1 and Tr2	S
7124	capping stones between Tr1 and Tr2	W
7126	Fill 110	N
7127	Fill 110	E
7128	Fill 110	NW

7129	Fill 110	W
7130	Fill 110	S
7131	Tr3 deturfed	N
7132	Tr3 brick and glass under turf	N
7133	Tr3 deturfed	E
7134	Tr3 deturfed	E
7135-7	Tr2 Amy	N
7138	201 drain capping Tr2	E
7139	201 drain capping Tr2	S
7140-3	Drain 124 with tr2 in background	E
7144-48	Tr1 pond base cut 110	E
7149-50	Tr2 deturfed	E
7151-2	Tr2 stoneware jar	
7153	Tr1 124	S
7154-6	Tr1 124	E
7157	Tr1 124	S
7158	Tr1 124 with stones 120 foreground	W
7159	Tr 1 110	S
7160	Tr 1 110	N
7161-2	Tr 1 110	E
7163-4	Tr1 120	S
7166	Tr1 drain	N
7167	Tr1 drain	S
7168-70	110 details	E/N
7171-3	Tr2 stones above 201	E
7174-5	Tr2 stones above 201	W
7176	Concrete pond base 110	W
7177	Tr6 slates 601	S
7178	Tr6 slates 601	W
7179-80	Tr6 slates 601	SW
7183	Tr6 slates 601	W
7184	Drain capping stones 124	E
7185	Drain capping stones 124	N
7186-9	Drain capping stones 124	S
7190	Drain capping stones 124	W
7191-2	Tr4 401	E
7193-4	Tr4 401	N
7195-6	Tr4 401	E
7197	Tr4 401	S
7198-200	Tr6 603	S
7201	Tr6 603	W
7202	Tr6 603	S
7203	Tr5 garden soil and loose stone dump	W
7204	Tr5 garden soil and loose stone dump	E
7205	Tr5 garden soil and loose stone dump	N
7206-7	Tr5 garden soil and loose stone dump	S
7208-9	Tr3 stepped foundation 303 under ashlar wall (1833) 302	S
7210-12	Tr3 stepped foundation 303 under ashlar wall (1833) 302	E
7213-4	Tr3 stepped foundation 303 under ashlar wall (1833) 302	E
7215-16	Garden soil 115 being removed Tr1	S

7217	Garden soil 115 being removed Tr1	N
7218-19	Iron valve box 108	
7220	Uncovering pond base 110	S
7221-23	Tr1 gravel in front of bay window	E
7224-5	Tr1 gravel in front of bay window	S
7226-7	Pond base 110	S
7228	Pond base 110	W
7229	Pond base 110	S
7230-32	Pond base 110	W
7233	Pond base 110	N
7234-5	Pond base 110	E
7236-7	Tr8 coal hole on N wall of house	E
7238	Tr8 coal hole on N wall of house	S
7239-40	Garnkirk stamped fireclay roof pediment	
7241-3	Tr8 coal hole on N wall of house with brick recess	S
7244	Tr6 earlier wall appearing with drains and rubble	S
7245	Tr6 earlier wall appearing with drains and rubble	W
7246-50	Tr6 earlier wall appearing with drains and rubble	S
7251	Tr9	S
7252	Tr9	W
7253	Tr9	S
7254	Tr9	ENE
7255-6	Tr9	E
7257	Tr11 large stones over capping stones for drain	E
7258	Tr11 large stones over capping stones for drain	N
7259-60	Tr11 large stones over capping stones for drain	S
7261	Tr11 large stones over capping stones for drain	E
7262	Tr 11	E
7263-4	Tr11 capping stones appearing and void into drain	E
7265-6	Tr11 capping stones appearing and void into drain	S
7267-9	Tr11 capping 1107 with void into drain	W
7270	Tr11 drain 1106	W
7271	Tr11 1106 (left) with drain 1109 (right)	NW
7272	Tr11 drain 1106	W
7273-6	1106 showing mortar on E side of drain walls	N
7277-80	Tr6 older wall 612 under mid 18th-century wall	S
7281-2	Tr6 ashlar 1833 wall 613 above with older wall/foundation butted into W-E wall 612	W
7282-4	Tr6 older wall 612 under mid 18th-century wall	S
7285-6	Tr6 ashlar 1833 wall 613 above with older wall/foundation butted into W-E wall 612	W
7287-89	Tr6 ashlar 1833 wall 613 above with older wall/foundation butted into W-E wall 612	SW
7290	Stones at 45 degrees with AR/EI incised stone above	SW
7291-2	Tr6 ashlar 1833 wall 613 above with older wall/foundation butted into W-E wall 612	SW
7293-6	Tr6 ashlar 1833 wall 613 above with older wall/foundation butted into W-E wall 612	W
7297	Tr6 older wall 612 under mid 18th-century wall	S
7298-300	Tr6 location with coal hole 614 (left)	SW

7301-7	coal hole 614	S
7308-9	Tr6 older wall 612 under mid 18th-century wall	S
7310	Tr9	E
7311	Tr9	S
7312	Tr9	N
7313-14	Tr9	ENE
7315-17	Tr11 access to drains	E
7318-19	Tr11 access to drains	S
7320-23	Tr9	E
7324-5	Tr9 drain capping stones	S
7326	Tr9 drain capping stones	E
7327	Tr11 drain 1106	S
7328-31	Tr11 drain 1106	E
7332	Tr10 foundation of bay window on bedrock	NE
7333-4	Tr10 foundation of bay window on bedrock	SE
7335-6	Tr10 foundation of bay window on bedrock	NE
7337	Tr14	N
7338-9	Tr14 with E side of mansion	W
7340-45	Tr13 showing E wall foundation and natural sand	W
7346	Tr1 drain 124 showing trench through silts 123	W
7347-53	Tr11 mortar on stones between 1109 and house foundation	
7355-6	Tr11 drain 1109	NNW
7355-60	Tr11 1106 and blocking at foundation of mansion house	E
7361	Tr15 pebble surface 1502	NW
7362	Tr15 pebble surface 1502	W
7363	Tr15 pebble surface 1502	NE
7364	Tr15 pebble surface 1502	N
7365	Tr15 pebble surface 1502	NE
7366-7	Tr15 pebble surface 1502	NW
7368	Tr15 pebble surface 1502	S
7369	Tr15 pebble surface 1502	N
7370-4	Tr15 trench to natural showing shallow mansion house foundations	N
7375	Tr15 trench to natural showing shallow mansion house foundations	NW
7376-9	Tr15 trench to natural showing shallow mansion house foundations	W
7380-1	Tr16	E
7382-3	Tr16	N
7384	Tr11 drain 1106 blocking at E end	E
7385-9	Tr11 drain 1109	NNW
7390-7401	Tr11 drain 1109 interior showing mortared E side next to mansion wall	N
7402-6	Tr12	N
7407-8	Tr17 concrete floor 1702	E
7409-10	Tr17 concrete floor 1702	N
7411	Tr17 brick and stone wall 1703	N
7412-13	Tr17 brick and stone wall 1703	W
7414-5	Tr17 location in cart door	NW
7416-17	Tr17 bricks under concrete floor	N
7418-9	Tr17 bricks under concrete floor	W
7420	tr17 stone floor under concrete	E
7421-3	tr17 sand under stone floor	W
7424-5	Finds reburied	

7426	Tr20 pebble surface 2002	E
7427	Tr20 pebble surface 2002	N
7428-9	Tr20 location	N
7430	Tr20 location	NE
7431	Tr20 location	NW
7433	Tr20 pebble surface 2002	N
7434	Tr19 capping stones 1901	SW
7435	Tr19 capping stones 1901	NW
7436	Tr19 capping stones 1901	NE
7437-42	Cast iron hatch with copper tap for pond	
7443-44	Tr18	E
7445	Tr18	S
7446	Tr18	SE
7447	Tr18	S
7448-51	Tr20 trench through cobbles to sand natural and house foundation	N
7452-56	Tr20 trench through cobbles to sand natural and house foundation	W
949	Tr3	SE
0962-4	Tr4	S
0965-68	Tr4	N
969	Tr5	W
970	Tr5	S
971	Tr5	W