

GUARD ARCHAEOLOGY



Walled Garden and 8 Acre Field, Edmonstone Estate Data Structure Report Project 3955

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Walled Garden and 8 Acre Field, Edmonstone Estate

Data Structure Report

On behalf of: Wintertree Software Inc.

NGR: NT 2995 6990

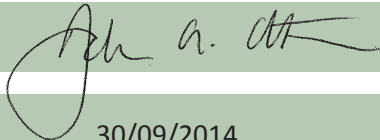
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*This document has been prepared in accordance
with GUARD Archaeology Limited standard operating procedures.*

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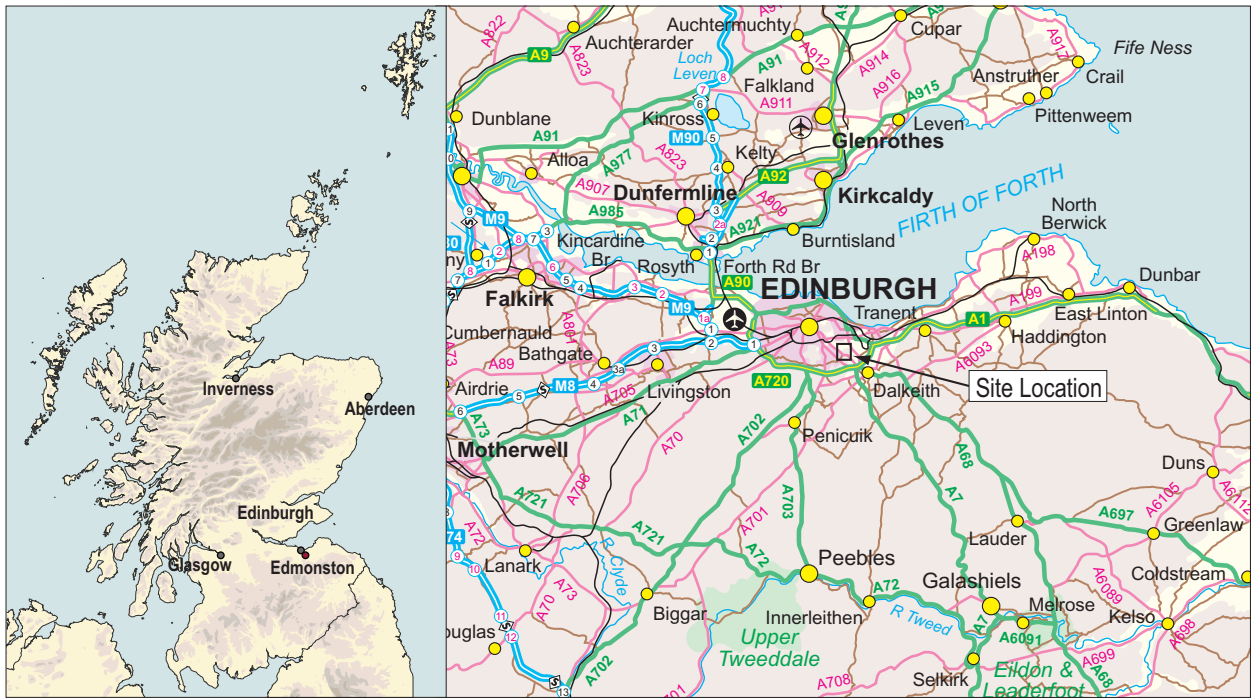
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KEY	
▭	Development boundary
⬭	Existing spoil heap
▬	Trench location
▭	Walled garden elevations

Executive Summary

- 1.1 An archaeological evaluation and Historic Building Recording Survey were carried out by GUARD Archaeology Limited on behalf of Wintertree Software Inc in the areas of the Walled Garden and 8 Acre Field, Edmonstone Estate between 27th August and 4th September 2014. The upstanding walls of the Walled Garden were recorded by photographic and written survey as well as digitally surveyed to produce scaled elevations. The evaluation trenching totalled an area of 8% of the accessible ground across the 8 Acre Field and within the Walled Garden interior, and revealed several features of potential significance regarding the development of the estate and former use of the Walled Garden, including a possible estate boundary wall and trackway within the 8 Acre Field and the remains of the glasshouse structure within the Walled Garden interior.

Introduction

- 2.1 This report sets out the results of the Historic Building Recording Survey and archaeological evaluation undertaken by GUARD Archaeology Limited, on behalf of Wintertree Software Inc within the Walled Garden and 8 Acre Field areas of the wider Edmonstone Estate, Edinburgh.

Site Location, Topography and Geology

- 3.1 The development areas lies to the south of Edinburgh, with the village of Danderhall, Midlothian lying to the south-east (Figure 1). The 8 Acre Field is bounded by further fields to the east and west, the Old Dalkeith Road to the south and the Walled Garden to the north. The Walled Garden is surrounded to the west and north by the area of the recent works pertaining to the access road strip (Blair, 2013), with dense woodland and overgrowth to the east and south. A stone ha-ha runs adjacent to the south-west wall, bounding the 8 Acre Field.
- 3.2 The areas sit between 90m and 99m AOD. The underlying drift geology consists of Till, Devensian-Diamicton, while the solid geology consists of Hopetoun Member Group, Sedimentary Rock Cycles, Strathclyde Group Type. (British Geological Survey, Geology of Britain Viewer).

Archaeological Background

- 4.1 The historic medieval and later estate of Edmonstone is considered to be of at least regional historic importance. Previous archaeological evaluations (Will & Radley 2004; Francoz 2008) and recent investigations (Hunter Blair, 2013) both within and immediately adjacent to the estate have found significant archaeological remains including a possible Roman Road and late/post-medieval mining activity and remains directly associated with the house. The general area is also known to contain significant prehistoric settlement remains.
- 4.2 The Walled Garden lies to the south-west of the original site of Edmonstone House. This is shown on Greenwood, Fowler and Sharps' map as early as 1828 and has a complex 'hot-wall' system, whereby hot air was fed through cavities in the walls and through pipes beneath the ground to heat the garden, allowing exotic plants to be cultivated (Montgomery 1984, 112; Hunter Blair 2013); the remains of the associated boiler house were revealed during evaluation works in 2008, to the west of the garden (Francoz, 2008). Various cartographic depictions from the First edition OS six-inch map series of 1843-1882 onwards into the mid twentieth century depict the garden showing the greenhouse structure abutting the north-west wall, and various systems of planting (maps.nls.uk). In the later twentieth century, after the demolition of the mansion house, the garden was used as a market garden. Previous work in the field to the east of the Walled Garden area revealed a trackway which if projected could potentially have stretched through the south extent of the garden, and was tentatively interpreted as possibly representing a Roman road, potentially the Dere Road, known to have been present in the area although there was no material culture to substantiate this (Francoz, 2008).
- 4.3 No archaeological features were known to lie within the 8 Acre Field area specifically (www.canmore.rcahms.gov.uk), however early estate maps show an entrance road to the mansion extending from the south. Johnson's 1777 'Plan of the Proposed Alterations of the Dalkeith

Road from Craigour' also shows the original route of the existing A7 road curving through the estate to the north of the current road, potentially through the 8 Acre Field area at roughly an east-west direction.

Aims and Objectives

5.1 The aims of this phase of archaeological works was to identify:

- as yet unknown archaeological remains within the Walled Garden and 8 Acre Field areas;
- to ensure that any upstanding archaeological remains associated with the historic use of the Walled Garden and 8 Acre Field were recorded to an appropriate level;
- to record by photography, detailed drawing and written record the Walled Garden prior to its full conservation as part of the development;
- to provide interpretation panels for the Walled Garden detailing its history, so public access to the story of the estate can be achieved.

5.2 The objectives were therefore to:

- Conduct an 8% archaeological evaluation of the development area, in order to identify and record any archaeological remains encountered and establish their character, date and extent if surviving;
- Conduct a building recording survey to record the internal and external walls of the Walled Garden;
- Produce text and images for display boards to be erected at the Walled Garden on completion of the conservation works;
- Submit a report to data structure level for agreement to CECAS on completion of the archaeological fieldwork, to include an outline of the scope of any further works that may be necessary should any significant archaeology be encountered.

Methodology

6.1 The archaeological fieldwork comprised historic building recording of the Walled Garden remains and machine excavation of evaluation trenches amounting to 8% of the accessible area.

Historic Building Recording Survey

- 6.2 A general written description of the setting, construction and alterations to the Walled Garden was made, along with annotated sketches and some detailed scaled drawings of specific features.
- 6.3 A photographic survey was carried out recording general internal and external elevations as well as details of structural features and alterations.
- 6.4 Elevations were digitally surveyed using a TCR407 Leica total station to create scaled drawings and accurately locate significant details.

Evaluation trenching

6.5 The Walled Garden and 8 Acre Field areas were 8% sample excavated by a back-acting mechanical excavator, utilizing a c 2 m wide flat-bladed (toothless) ditching bucket under the direct supervision of an experienced GUARD archaeologist, down to the first archaeological horizon or to natural subsoil, whichever was encountered first. The depth of stratigraphy and topsoil/

overburden deposits encountered across all areas was recorded. Spoil from the evaluation was temporarily stored adjacent to the stripped area, and trenches were backfilled once recording had been completed.

- 6.6 All on-site recording, written, drawn and photographic, was carried out to the standards normally pertaining in archaeological fieldwork and to IfA standards. A record of excavated features was made by using a single context recording system using pro forma sheets, drawings and photographs. All archaeological features were photographed and recorded at an appropriate scale. Trenches were accurately surveyed using a sub-metre GPS and located within the National Grid, so that features encountered could be accurately located.

Results

- 7.1 The results of the historic building recording survey and evaluation are set out below and should be read in conjunction with the full site records listed in Appendices B-G.

Historic Building Recording Survey

- 7.2 The HBRS was carried out over three days, focussing on the upstanding walls of the Walled Garden and the interior condition; no upstanding remains relating to any of the abutting exterior or interior structures survive. Much of the interior of the garden was densely overgrown, with thick tree coverage around the north, east and south sides. Thick overgrowth to the exterior of the north-east wall meant this was only partially accessible, and the exterior of the south east wall is currently fully inaccessible due to the dense overgrowth and tree coverage. There is also a large amount of modern graffiti present on the walls, particularly to the interior where some lower areas are almost entirely covered. However several features of note regarding the changing uses of the Walled Garden and the original construction and alterations of the walls were noted; some of these correspond to features uncovered as part of the evaluation trenching discussed below.

- 7.3 The walls are constructed mainly of red-pink sandstone, of various mortar bonded blocks creating uneven coursework, apart from more regular quoining work present at each corner. Small square headed iron nails are visible in vast numbers within the mortar work, some with small scraps of fabric strap visible, and possibly originally served to support trellis work encouraging plant growth up the walls. Thin upper cap stones are present, of a grey granite-like stone. In general the walls appear in relatively good condition, with some repairs and alterations having been carried out around the western walls, including some modern brickwork patching and the replacement of some cap stones. The north-east, north-west, WNW and WSW walls show most signs of alteration, perhaps unsurprising given that this is where all the cartographic sources depict structural activity associated with the glasshouses having been.

7.4 North-East Wall

- 7.4.1 The north-east wall appears relatively unaltered from its original construction, with some ivy growth at its northern extent. The exterior shows evidence of the integrated heating system, with a small 30 mm 'step' or jut outwards in the stonework appearing to indicate the extent of the system, possibly necessary to accommodate the internal shafts; this is located at 40.8 m from the west extent, around halfway along the elevation. At least thirteen square iron vents are visible beyond this towards the northern extent, with a further two blocked examples visible; these measure 0.24 m² and appear incorporated into the original stonework construction (Plate 1). Those that are open show evidence of square iron vents leading into the interior system. These are placed intermittently at three different levels around 0.8 m above the other, and arranged roughly in pairs, around 0.65-0.75 m apart.

- 7.4.2 The interior of the north-east wall is fronted by thick tree coverage and overgrowth, but was mostly accessible for survey. The interior is entirely constructed of brickwork, with the bricks hand cut and measuring 0.22 m by 80 mm length; this presumably fronts the structural stonework visible on the exterior, and seems likely to be necessary for the integrated system of heating vents (Plate 2). This brickwork is present across the interior of the north-east, north-

west and WNW walls, the three which appear to contain the heating system as indicated by the presence of the vents on the exterior elevations, and is likely contemporary with the original construction of the Walled Garden; the same square headed iron nails are visible within the surrounding mortar work.



Plate 1: Square iron vents for internal heating system.



Plate 2: Hand cut bricks, north-east wall interior.

7.5 North-West Wall

7.5.1 The north-west wall shows most sign of alteration and repair, with much of this visible to the exterior. The large rounded archway located here measures 4.3 m in width, and appears to be an original feature with surrounding splayed stonework incorporated into the main stonework of the wall (Plate 3). This has been later plastered around the interior, although only patches of this survive. The wall curves up to a raised height above this archway; this is likely a later modification possibly for decorative purposes, as the stonework here is formed of larger regular blocks, and evidence of a course of former cap stones is visible below these at the height of the rest of the wall extent. Various cap stones at existing height are missing along the length of the elevation.



Plate 3: Entrance archway in north-west wall showing vertical vents, exterior elevation.



Plate 4: Detail of internal vent system.



Plate 5: Detail of small blocked splayed arch.

- 7.5.2 Similar to the north-east external elevation, a series of the same square iron vents are visible intermittently along the length of the elevation, at different levels and arranged around 2-3 m apart. One example here is quite badly eroded, leaving an opening which exposes a square iron vent running at a sloping vertical angle within the wall (Plate 4). In addition to this a series of five larger vertical 'vents' are visible to the north of the archway, partially bricked up (Plate 3). These appear incorporated into the original stonework and are also visible on the interior elevation, suggesting that they may be a means of expelling the hot air from the internal heating system into the glasshouses on either side of the wall; certainly they would appear to serve a function related to the heating. Other features of note include a small blocked 'arch' of splayed stonework immediately to the north of the archway, only visible on the exterior elevation (Plate 5); again it seems likely that this serves some function related to the heating system focussed on this area, although the nature of this is unclear.
- 7.5.3 In addition to this there is evidence of several 'lean-to' structures having been constructed against the exterior of the north-west wall, all of which seem likely to have been later additions, probably twentieth century, and likely smaller buildings such as sheds or greenhouses. These are represented by areas of either paint or plaster work which appears to have been applied to the interior of the structures. Four distinct areas of this are visible, possibly representing four separate structures, although three of these lie adjacent to each other to the west extent of the wall and may represent divisions within a single lean-to, measuring between 5.2 m and 6.2 m in width (Plate 6). There are various fixtures present which are likely related to the later use or construction of these structures such as iron rings set into the stonework and a series of wooden beams set around the area of the archway which have the remains of plastic sheeting attached. Within one of the 'interior' lean-to areas to the west extent two modern blocked openings just above ground level are present, measuring 0.65 m by 0.75 m and likely related to the modern use of the lean-to.



Plate 6: Locations of later 'lean-to' structures, north-west exterior elevation.



Plate 7: North-west wall interior elevation showing plasterwork.

- 7.5.4 The interior elevation of the north-west wall appears to indicate quite clearly the location of the former glasshouse structure on this side through a variation between stone and brick work, with the interior area having been of the same red sandstone brickwork as the exterior elevations, and the stretches beyond to the north and west of the same hand cut brickwork as the north-east and WNW interior walls, incorporating the heating system (Plate 7). The same vertical vents are visible as on the exterior, although these have been partially plastered over to the west of the archway, with some appearing to have been re-appropriated and used as later fixtures; this may have been later within the same structure. Various iron fixtures are also visible at the upper level set into a cement plaster coating which may have held or supported roof panels; again these seem unlikely original fixtures, but may represent later use of the glasshouse structure after the heating system fell out of use. The open archway sits centrally within what appears to be the area of the former glasshouse structure, implying that this may originally have contained a doorway of some kind which could be sealed; no evidence of this was noted, but may be obscured by the later surviving plasterwork on the arch interior.

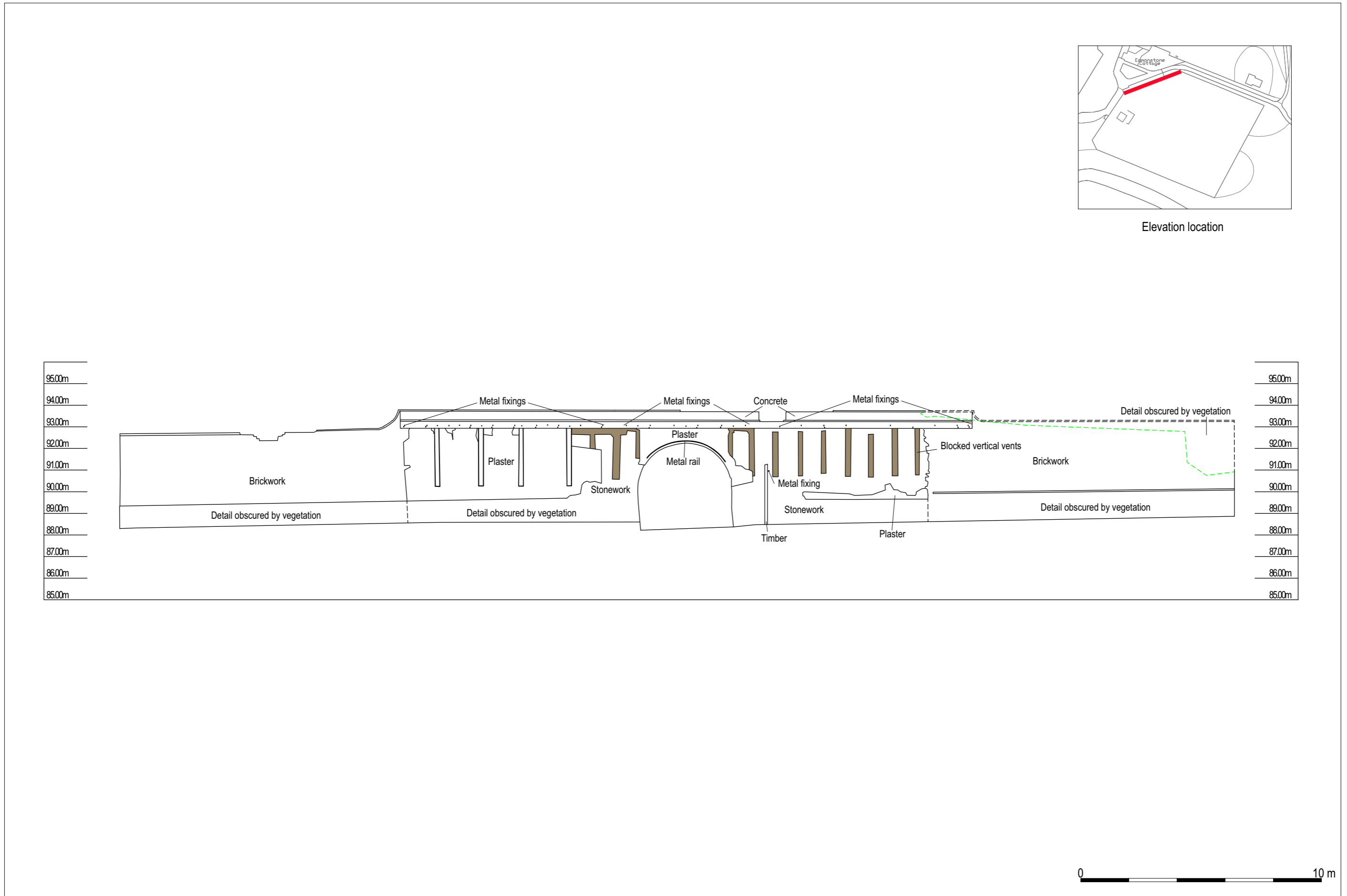


Figure 2: North-west wall interior elevation.

7.6 WNW Wall

7.6.1 The WNW wall shows relatively little sign of much alteration, although only some of the cap stones survive at the upper level towards the south. The exception to this is the square entrance way which is present towards the west extent measuring 3.55 m in width, which appears to be a later addition and is partially plastered with some recent brick repair work around the perimeter, likely where the surrounding stonework has been weakened by the entrance's insertion (Plate 8). The exterior elevation shows evidence of the integrated heating system for only the first 4.9 m of the northern extent, where the extent is again marked by the same small 'step' or jut as seen in the north-east exterior elevation. Three square vents are visible within this first stretch arranged vertically at different heights, with none beyond the extent of the heating system. Towards the south there is evidence of a more recent lean-to structure having been present, likely a shed of some kind, measuring 10.6 m in width and indicated by a tar/bitumen stretch at likely roof height and a vertical patch of degraded mortar or insulation material at one side. Various fixtures are visible set into the wall within the vicinity of this which were likely connected to its use.

7.6.2 The interior elevation is entirely of the same hand cut brickwork seen in the north-east and north-west wall interiors, with a small jut marking the extent of the heating system within this at the western extent. The interior is quite heavily marked by graffiti across much of the extent.



Plate 8: Entrance within west-northwest wall.



Plate 9: West-southwest wall internal elevation.

7.7 WSW wall

7.7.1 The WSW wall forms a corner area at just 9.05 m in length. This incorporates a similar square entrance to the WNW wall, at 2.1 m in width, which is likely a later addition, or at least modified as the larger surround block work varies from the red sandstone of the walls. Again, this is partially repaired around the edge with modern brickwork. A wooden beam is present above the doorway forming an upper lintel.

7.7.2 The interior is of the same hand cut brickwork seen elsewhere, and the remains of a wooden frame are present extending over and to the west of the entrance which may have supported a lean-to structure or possibly a sliding door over the entrance; this may have been added at some stage subsequent to the entrance way (Plate 9). Some of the cap stones at the upper level appear to have been replaced; the original stones extend slightly over the edge of the wall to the interior, while the smoother replacements sit flush with the wall edge.

7.8 South-West Wall

7.8.1 Much of the area around the south-west wall was very overgrown, with the exterior being fenced off at the west end and inaccessible from the east. All that could be observed was the beginning of brickwork from the west corner which appears similar to that found previously on the interior walls; this varies from the stonework of all other wall exteriors, but the extent of the brickwork is currently unknown.

7.8.2 To the interior, the wall appears relatively unaltered apart from the presence of ivy across the more accessible areas. The upper cap stones are mostly present along much of the extent of

the wall. The only feature of note is a doorway, which appears incorporated into the original stonework, with splayed sandstone above similar to that around the north-west archway, larger block work down either side, and a stone base step (Plate 10). This currently incorporates a worn green painted wooden frame which is likely a later addition or replacement, and is blocked up with modern brickwork. The doorway is located around halfway along the wall and measures 1.35 m in width. As the exterior was inaccessible it is not known if a similar inscription may be present above this doorway as discussed below in relation to the south-east wall.



Plate 10: Doorway within south-west wall, interior elevation.



Plate 11: '1809' date inscription above south-east wall doorway: exterior elevation.

7.9 South-East Wall

- 7.9.1 The area around the south-east wall was also very overgrown, with the exterior only partially accessible from a distance and relatively little graffiti present due to the inaccessibility caused by the overgrowth. Again, the wall appeared in general to be relatively unaltered and in good condition. The only feature of note was a doorway of the same construction as the south-west doorway, with splayed upper stonework and a more recent wooden frame, again located around halfway along the wall. This was also bricked up with recent brickwork.
- 7.9.2 The exterior of the doorway was only partially accessible due to thick overgrowth, however an upper lintel stone was visible with an inscribed date of '1809' (Plate 11).
- 7.9.3 Overall, it would appear that the changing uses of the garden are represented in the various constructional details and alterations visible, with the incorporated heating system appearing to be an original feature of construction, and the location of the former heated glasshouse represented within its extent. Various phases of later lean-to structures are also visible to the exterior of the western walls, some possibly as recent as the later twentieth century use as a local market garden.
- 7.9.4 Also significant is the date of '1809' inscribed above the south-east doorway exterior. Given that both the doorways present to the south appear to be incorporated as original features, and as discussed above, the earliest cartographic depiction of the Walled Garden dates from 1828 with no such structure appearing on Johnson's 1777 plan, it could be reasonably suggested that this may represent the date of the original construction of the Walled Garden.

Evaluation

- 7.10 The evaluation trenching took place over nine days and consisted of a total of 33 trenches totalling 2,990 m². Trenches were 2m wide, but length varied from 50 m to 25 m depending on what best suited the area, particularly within the restrictive space of the Walled Garden. These were laid out in a roughly herringbone pattern where possible, although out with this

were generally best placed around areas made inaccessible by tree coverage etc. Full details of all trenches can be found in Appendix B. Several features of archaeological significance were revealed during the trenching and these are discussed below.

7.11 **8 Acre Field** (*Trenches 1-21*)

7.11.1 Trenches were mostly 50 m in length and arranged in a roughly herringbone pattern, totalling an area of 2,290m². Some tree coverage around the perimeter of the field, along with a large spoil bund in the north corner left by the recent phase of development works rendered some areas inaccessible, but these were worked around wherever possible.

7.11.2 Topsoil across the area was a loose dark brown-grey silty loam between 0.24 m-0.35 m in depth (Plate 12). Most trenches also revealed a thin intermediate overburden deposit of moderately compact mid brown-grey silt clay with mixed sandstone and dark coal flecks, ranging from 0.1 m-0.15 m in depth; this was less prevalent towards the west extent of the site. Subsoil was clay or sand-clay, mostly a light-mid beige brown orange with mixed sandstone and dark coal flecks.

7.11.3 Material culture was relatively infrequent across the area, even within the topsoil, with occasional modern ceramic, glass or ceramic tile/pipe fragments visible. Exceptions to this were a clay pipe fragment recovered from trench 6, a small sherd of white gritty ceramic recovered from trench 7 and an iron horseshoe recovered from trench 10.

7.11.4 A system of fairly ephemeral furrows was visible across the field, particularly towards the east side. These were orientated roughly east/west and potentially represent an older agricultural system, being over 4 m in width in some examples and below the intermediate deposit. These had a mid brown silty fill and occasional oyster shell fragments were visible, presumably crushed and added as a fertiliser. Examples were investigated in trenches 6 and 7, described below (Plate 13).



Plate 12: South-west facing section of trench 8.



Plate 13: Wide furrow within trench 7.

7.12 **Trench 6**

7.12.1 Several features were encountered of potential significance within Tr6, prompting the expansion of areas to the north and south at the north-east in order to further reveal their extent. These comprised of a series of parallel linear stone and ditch features of a north-east – south-west orientation (6004-6015). These were initially hand cleaned and then a slot was dug through all features in order to clarify stratigraphy and depths. All of these lay below topsoil (6001) and a thin band of silt clay intermediate (6003).

7.12.2 The furrow (6004) has a moderately compacted mid brown silty fill with small sandstone fragments and a depth of 0.21 m. It was revealed for a length of 18.5 m, running east/west to the north of the series of features, and appears to be part of the wider series of furrows seen across the 8 Acre Field area. The furrow likely predates the other features and is truncated at the south by the stone wall [6005]; it is likely not directly related to the other linear features, and as part of the pre-existing field system was potentially simply truncated on their construction.

7.12.3 Wall 6005 is constructed of yellow sandstone and is visibly faced on the south-facing side (Plate 15). There is some degraded mortar between the stonework, implying that the blocks were at least partially bonded; these are sub-rounded and sub-angular in shape, measuring up to 0.5 m by 0.35 m by 0.15 m. The feature survives to a depth of 0.44 m, with no real cut distinguishable in the trench, and is 0.45 m-0.6 m in width. The feature curves from a more north-east/south-west orientation to more of an east-west alignment which was visible for the length of trench 6. The wall appears to be set into the corresponding ditch [6006]/(6007) at the south, likely constructed at the same time with the ditch possibly abutting the wall; this was similarly seen in the continuation of the features within trench 13. The wall likely represents an old estate wall, possibly even the boundary wall; as with the other features encountered here, it runs roughly in the vicinity of the former main road towards Edinburgh depicted on Roy's map of 1752-55 and Johnson's plan of 1777 before it was re-routed to the south along the existing route of the A7.



Plate 14: Linear wall, ditch and drain features within trench 6 from the south-east.

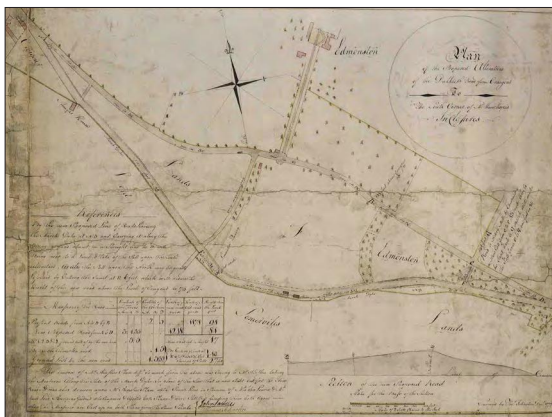


Plate 16: Johnson's 1777 Plan of the Proposed Alterations of the Dalkeith Road from Craigour.



Plate 15: Stone wall [6005] from the west.

7.12.4 The ditch [6006]/(6007) runs parallel to the wall [6005] to the south, also curving along the extent of the wall to an east/west orientation visible the length of the trench. The cut is around 1.22 m wide and is visible in section as quite a steep break/slope with an almost flat base, but is obscured by the wall [6005] to the north. The fill (6007) is a dark brown sandy silt. It is possible that the ditch represents either a trackway running alongside the wall or possibly has some kind of drainage function; the same feature was also visible in trench 13, although on investigation was deeper here.

7.12.5 A stone linear feature [6008] runs parallel to this at the southern extent on a north-east/south-west orientation and appears to be at least partially set into the ditch material (6007). This is constructed of irregular unbonded stones, mostly sub-angular, between 0.2 m by 0.15 m to 0.4 m by 0.3 m in size and survives to 0.28 m, partially cut into feature 6007, and 0.5 m-0.6 m in width. The feature could represent a large rubble drain, but seems too substantial for this and possibly more likely represents the remains of a dry-stone wall; it is similar in construction to feature 6012 situated 3.9 m to the south, which is also unbonded and of irregular stones

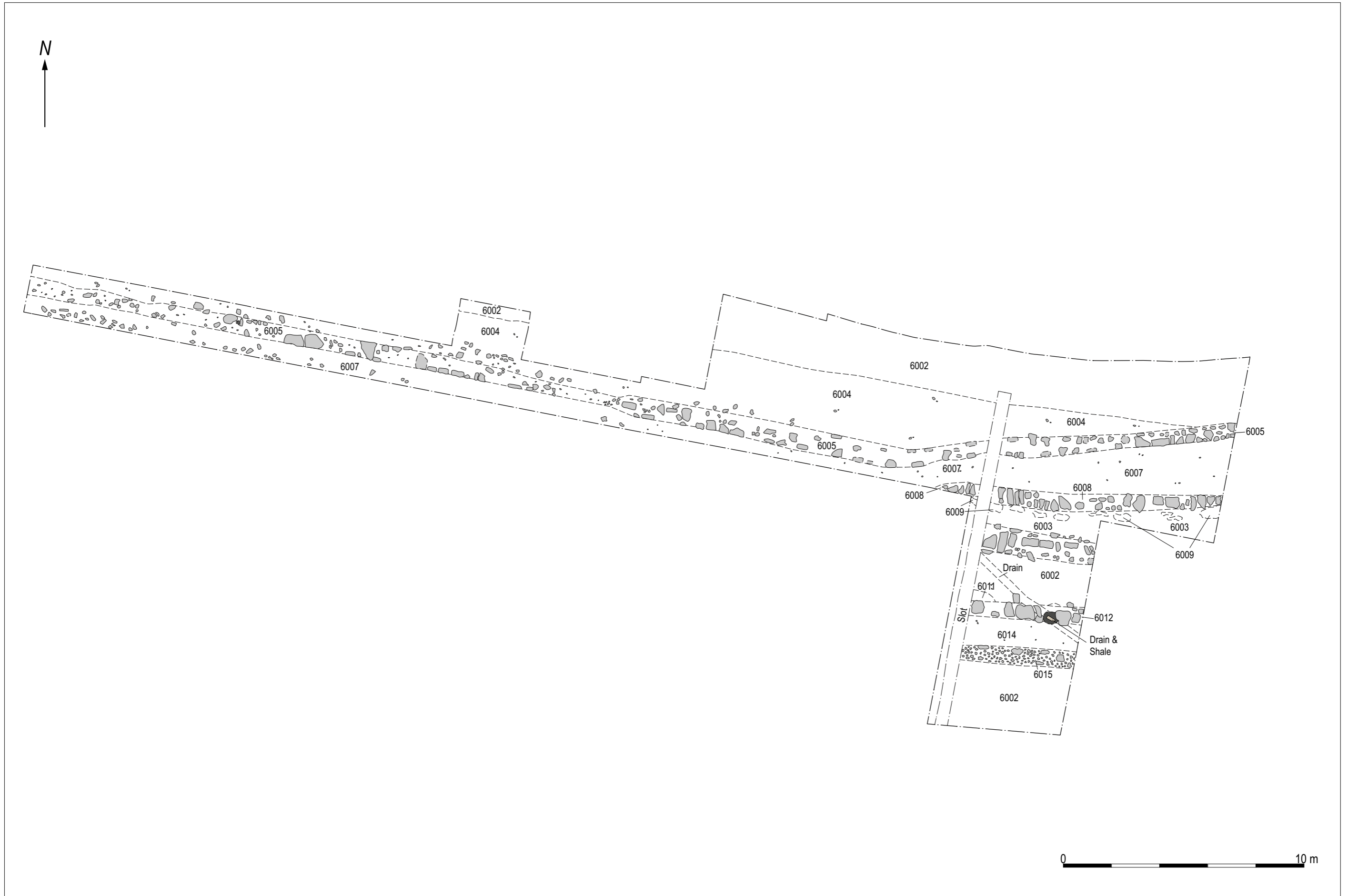


Figure 3: Trench 6 plan showing series of linear features (6004)-(6015).

measuring 0.28 m by 0.17 m to 0.5 m by 0.35 m, surviving to 0.3 m depth and 0.65 m in width (Plate 17). It is possible that these two dry stone features represent the the route of a path or trackway, serving as boundary walls, however these features were not present in trench 13 and it is possible that they either continue to the south-west without curving off towards the west, or else may have terminated or been disturbed beyond this point. The stones [6008] are bounded on the south extent by a patchy red sandstone deposit (6009), which is a maximum of 0.35 m in width and 90 mm in depth and appears to be washed degraded sandstone; a similar deposit (6011) is visible to the north of stone feature [6012]. The stones [6012] are truncated by a shale drainage channel containing a square ceramic drain.



Plate 17: Linear features [6008]-(6015), from the north.

7.12.6 Between the stone features 6008 and 6012 a large cundy drain [6010] is present, constructed of large irregular angular pink sandstone blocks with fairly large voids between, measuring 0.5 m by 0.25 m to 0.3 m by 0.2 m (Plate 17). The feature survives to 0.35 m depth in section and is 1 m -1.1 m in width, orientated north-east/south-west. The feature seems likely to provide drainage associated with the possible stone wall features; possibly associated with walls [6008]/[6012], but the cundy is also visible in trench 13 suggesting it also curves to the west aligned with the more substantial wall [6005].

7.12.7 Adjacent to the south of the stones [6012] is a further ditch [6013]/(6014). As with ditch 6006 this is adjacent to the stone feature, possibly serving some kind of drainage or gully function, with the stones [6012] set into the northern extent. The cut [6013] has quite a shallow break to both sides with a gently rounded base, and is 1.3 m wide with a depth of 0.28 m. The fill (6014) is a medium brown silt with occasional small stones. The feature is also truncated at the southern extent by a rubble drain (6015) (Plate 17).

7.12.8 It seems likely that the series of north-east/south-west features represents the original estate boundary and possibly an associated track or pathway, with drainage; it seems plausible that these were contemporary features, possibly in use up to the re-routing of the road, although given that the stone features exist as separate features it is possible that different phases of walling are represented. No material culture was recovered to indicate date, other than an unstratified fragment of clay pipe (sf 1) and an iron horseshoe (sf 4) from within the trench area.

7.13 Trench 7

7.13.1 A furrow (7004) was investigated within trench 7 as representative of the east/west system of furrows seen across the 8 Acre Field area (in addition to the truncated (6004)), in order to establish the full width and depth (Plate 13). This had a brown silty clay fill with frequent coal and sandstone flecks and occasional small oyster shell fragments, and was 0.25 m maximum depth in section within a shallow cut. A total of 14.9 m in length was revealed within an area expanded to the north of the trench, and the width was 4.8 m.

7.13.2 A small sherd of possible white gritty pottery (sf 2) was recovered from the trench, however this was unstratified and not from within the fill of the furrow itself. However given it's presence, and the width of the furrows seen across the area, along with the truncation of the furrow in trench 6 by the likely estate wall, it is possible that these represent an older agricultural system in the area, possibly later medieval or post-medieval in date.

7.14 Trench 10

7.14.1 The remains of a former fence line were uncovered in trench 10, in the form of a series of stone blocks orientated north-west/south-east aligned with the current stone wall field boundary, with a single iron tethering ring set into the centre. These measured 0.42 m by 0.41 m by 0.25 m and were located around 1.75 m apart. This was likely a relatively recent fenceline as the blocks were within the topsoil (10001), set just within the intermediate horizon (10003), around 50 mm below existing ground level; upstanding remains of an iron fence pole existed 2.5 m to the north of the trench at the north-west end.

7.15 Trench 13

7.15.1 Several linear features were uncovered within trench 13, all of which appear to represent the continuation of the features encountered within trench 6 (Plate 18). These were initially hand cleaned, and then a sondage was machine excavated to establish stratigraphy and depths. These consisted of feature 13004, a linear band of irregular pink sandstone blocks measuring up to 0.51 m by 0.37 m, 0.84 m in width and with large voids between stones; this was orientated east/west and appears to be a continuation of the cundy drain [6010] encountered in trench 6.



Plate 18: Features (6004)-(6010) in trench 13 from the south-east.



Plate 19: North-east facing section of ditch (oblique from the north).

7.15.2 A sandstone wall [13006] was also encountered of yellow sandstone blocks measuring up to 0.32 m by 0.22 m x 0.18 m, orientated east/west, 0.57 m in width and 0.4 m in depth from the surviving upper level. This was revealed within the sondage to be constructed of uneven course of stonework due to the varying sizes of the stone blocks. This is the continuation of the likely estate boundary wall encountered as [6005] in trench 6, and as seen there the wall truncates a furrow (13005) to the north, a further continuation of 6004.

7.15.3 A ditch (13007)/[13008] was present immediately adjacent to the south of the wall [13006], and as in trench 6 the wall appears to be set into the northern extent of this. This seems likely to be a further extent of [6006]/(6007) however is more substantial here at 1 m in depth cut down into a blue shale clay, with a gently sloping cut to the south, and terminating at the wall to the north (Plate 19). The fill (13007) is a mostly dark brown sandy silt with some mottling of lighter grey brown.

7.15.4 A possible cut for wall 13006 was recorded in section truncating the ditch fill (13007) as [13010]/(13009); this was a very ephemeral irregular cut of 0.75 m depth with a medium brown silty fill (13009), slightly more compact than the ditch fill (13007). This would imply that the wall feature [13006] truncates the ditch, however the possible cut was very ephemeral and may be more a result of the compaction of the ditch material against the stonework of the wall, meaning that as suggested previously the wall and ditch were roughly contemporary with the wall being set into the north extent of the ditch.

7.16 Walled Garden (Trenches 22-33)

7.16.1 Trenches varied in length from 25 m to 50 m in order to best cover the area accessible, and totalled 700m². The garden was very overgrown prior to trenching, with dense tree growth around the perimeter of the north, east and south areas, along with a band of trees running east/west across the centre of the area and a small bank of demolition material adjacent to the former glasshouse area making some areas inaccessible. Trenches were laid out in a roughly herringbone arrangement to the north and south areas, and then arranged to best cover the west side, with one trench targeting the area of the former glasshouse. Various features of potential significance were noted, including the remains of two structures abutting the western walls, one of which likely represents the remains of the glasshouse; these are discussed below.

7.16.2 Topsoil across the Walled Garden area was a dark organic rich grey brown silt with frequent small stones and roots, and varied in depth from 0.25 m – 0.42 m (Plate 20). This overlay a deep intermediate plough soil deposit consisting of moderately compact mid brown silt clay with frequent mixed sandstone and dark mineral flecks, varying from 0.18 m – 0.4 m in depth. Subsoil was a light beige orange mottled grey clay with sandstone and dark mineral flecks.



Plate 20: South-east facing section, trench 24.



Plate 21: Furrows in trench 22 from the south.

7.16.3 Occasional modern pottery and ceramic tile/drain fragments were visible in both the upper deposits, with a small sample selection of ceramic sherds retained from the lower ploughsoil.

7.16.4 A very ephemeral series of furrows was present across several of the trenches, concentrated more towards the east of the garden. These were shallow at 0.13 m depth or less where surviving, and were 0.68 m – 1.39 m in width, 2-3 m apart, orientated east-west (Plate 21). The fill was mid orange sandy silt, with frequent sandstone and dark mineral flecks and occasional oyster shell fragments visible; a representative sample was retained from feature 32004. These were cut into the subsoil below the intermediate ploughsoil at depths of up to 0.8 m below existing ground level, representing an agricultural system pre-dating the construction of the Walled Garden. No material culture was recovered to indicate date.

7.17 Trench 25

7.17.1 A likely stone pathway was revealed at the south-west extent of trench 25, aligning with the south-west wall on an east-west orientation (Plate 22). This consisted of three parallel deposits, including unbonded irregular stones [25004] measuring up to 0.37 m by 0.2 m in length and 0.14 m by 0.56 m in width and may represent a disturbed area of kerbing at the southern extent of the pathway or may have served as drainage for the path. The compact red-brown crushed gritty sand (25005) at 0.65 m wide formed the remains of a likely pathway surface contained within the stones either side, while the large irregular flat mixed sandstone boulders [25006] measuring up to 0.52 m by 0.28 m formed a flat surface to the north of the feature at 0.7 m width, likely kerbing or an edging surface to the compact (25005). The whole feature measured 1.68 m in width, and seems likely to be a former pathway leading around the edge of the Walled Garden. The feature was set into the upper ploughsoil (25003) at only 0.26 m below ground level implying it may have been in use relatively recently.



Plate 22: Pathway within trench 25 from the north.



Plate 23: Glasshouse structural remains [26004]-
(26007).



Plate 24: Detail of brick post [26004] and
division [26005].



Plate 25: Stone slab floor [26006] from the north.

7.18 Trench 26

7.18.1 Trench 26 was intentionally placed adjacent to the north-west wall in the suggested location of the former glasshouse, and revealed substantial structural remains related to this (Plate 23). These were partially revealed, hand cleaned, and planned to the north of the archway with the rest left in situ due to problems of access, with the trench restricted to 16 m in length, but expanded to 4 m width in the area of the structure (the archway at the centre of the structure to the immediate south of the area stripped is the only access suitable for plant). The remains clearly align with the plaster work visible remaining on the north-west wall interior marking the interior of the abutting structure.

7.18.2 The structural remains consist mainly of a series of bonded brick posts [26004] orientated north-east/south-west along the length of the trench, parallel to the north-west wall, which likely represent the exterior extent of the structure to the east. A total of twelve of these were revealed, with two seen returning towards the north-west, both at the extent of the plaster work to the north, and towards the north side of the archway to the south. The posts are formed of courses of two bricks alternately arranged to form a 0.26 m by 0.26 m post, situated around 0.92 m apart; these survive in general to roughly 4 courses and appear to be partially demolished at the upper level (Plate 24). The brick dimensions are 0.25 m by 0.12 m by 70 mm; no manufacturer's stamps were visible but these were industrially produced. Given that the posts sit above the stone floor [26006] it seems that these are more likely supportive than foundational, and may have had some other material in between, or have supported an upper roof covering.

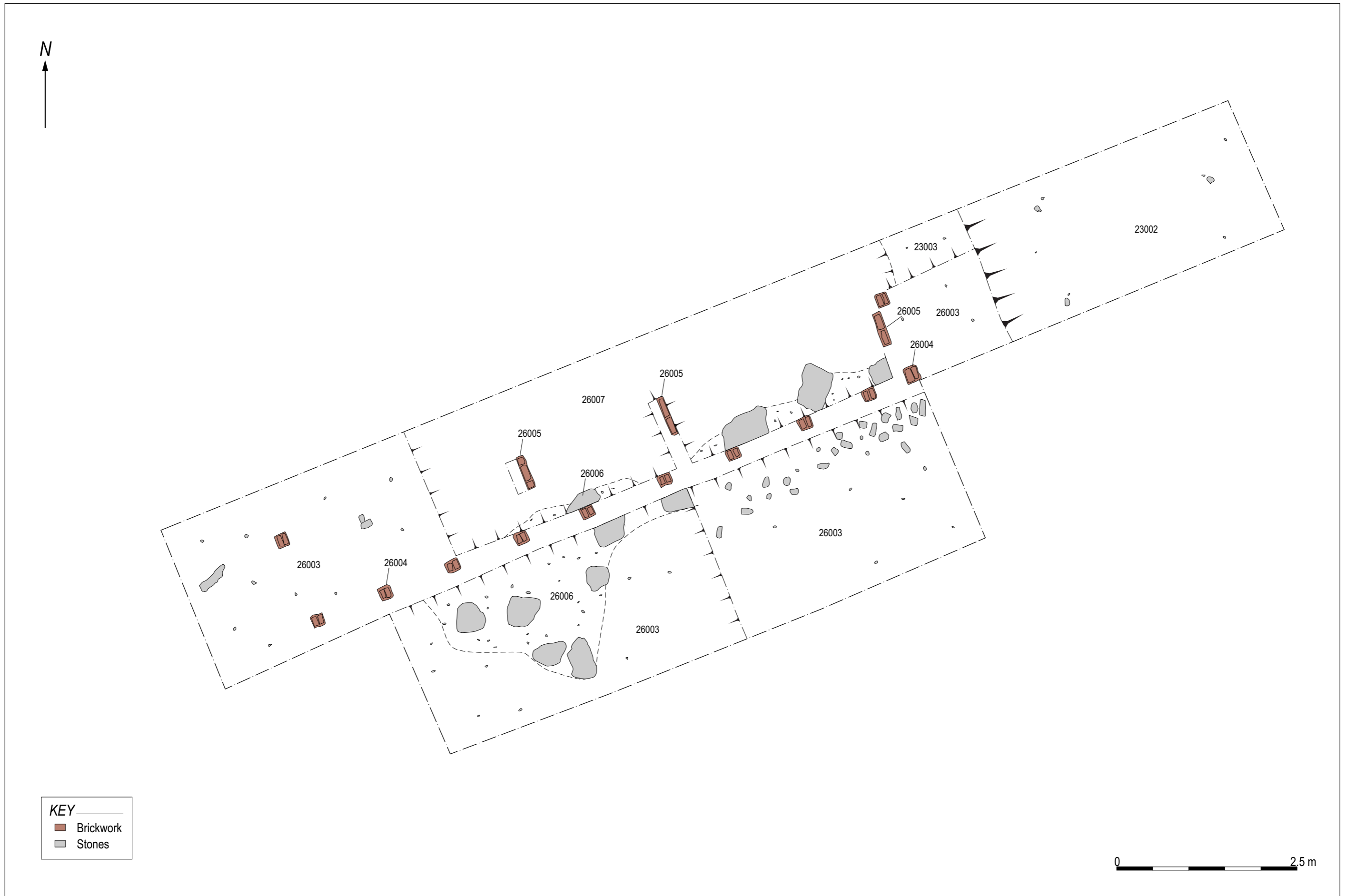


Figure 4: Trench 26 plan showing structural features [26004]-(26007).

7.18.3 In addition three small 'division' walls [26005] were revealed which are orientated north-west/south-east and appear to be made of the same bricks (Plate 24). These were thin at only one course wide, and were 0.51 m in length, surviving to around 4 courses or 0.35 m in height. These are too insubstantial to be structural, and likely served some kind of internal function such as support or dividers for raised planting beds.

7.18.4 A stone slab floor surface 26006 was also revealed, consisting of a series of large flat surfaced slabs measuring up to 0.64 m by 0.47 m of irregular sub-rounded shapes, within a crushed gritty matrix bedding material (Plate 25). The exposed width of this was 2.6 m, with the surface present on both sides of the posts [26004], although extending only to the limit of the 'divisions' [26005] to the interior west, suggesting that this may have been a floor surface running alongside raised planting beds. Given the presence of the surface to the south of the posts, it is also possible that the structure extended further east than exposed within the trenched area, however this could also simply form an exterior paved surface adjacent to the structure.

7.18.5 The features appear to be cut within the level of the intermediate deposit (26003); it was not clear within the extent excavated if the brickwork cut down into the actual subsoil (26002) or sat just above this level. The 'interior' area was filled with a silty material, less dense and slightly lighter than (26003), which is likely the back fill material to the structure interior; this contained quite frequent chunks of butchered animal bone (sf 7). Some sherds of ceramic plant pot (sf 6) and a clay pipe stem fragment (sf 4) were also recovered from this deposit.

7.18.6 It would seem that the glasshouse was sunk down at least partially below the contemporary ground level, given the depth of the floor surface [26006] at around 0.78 m below existing ground level, and through the intermediate plough soil (26003). It is likely that further investigations along the southern extent would reveal further structural remains on the other side of the archway, as would extending further towards the wall itself.

7.19 Trench 27

7.19.1 A deposit of crushed asphalt and brick material (27004) was present to the north-east extent of the trench, measuring 4.4 m in section, and orientated roughly east/west. This may simply have been a deposit of demolition material from the nearby bank, but may have been the remains of a modern brick/asphalt track surface leading east from the archway in the WNW wall; the deposit was located within the topsoil (27001), and was barely turf covered.

7.20 Trench 28

7.20.1 Further structural remains were also uncovered within trench 28 (Plate 26), although these are likely relatively modern at only 0.15 m-0.25 m below ground level. These comprised of what appears to be a single structure [28004] which likely abutted the WNW wall, as the foundations uncovered are situated running parallel to this, only 2.8 m to the east; however no corresponding marks were visible on the wall.

7.20.2 The foundations comprise of a series of concrete foundations 0.26 m in width, with some intermittent brickwork surviving up to a single course above. The length of the structure revealed within the trench was 18.5 m, with a width of 1.7 m revealed. Three returns in the cement foundations towards the WNW wall were revealed, along with two returns of a single course of brickwork, likely serving as internal partitions. The bricks measured 0.23 m by 0.1 m by 90 mm, with a 'Whitehill' stamp occasionally visible indicating their production at the former Whitehill Tile Works at Rosslyn (www.canmore.rcahms.gov.uk).



Plate 26: structural remains [28004] within trench 28 from the north.

7.20.3 The structure is likely twentieth century, possibly even connected to the later market garden use of the Walled Garden, and fully demolished at ground level.

7.21 Trench 31 & 32

7.21.1 Three similar stone filled pit features were revealed across the southern extent of these two adjacent trenches. The first (31004)/[31006] was visible in the east facing trench section, showing a steep cut with a shallow base, and an unbonded sterile sandstone fill with frequent voids, measuring 0.54 m in width by 0.29 m in depth. Another within trench 31 (31005) measured 0.74 m by 0.62 m in plan, again with a sterile sandstone fill. The third within trench 32 (32005) measured 0.67 m by 0.72 m in plan with the same sterile sandstone fill. All of these features were cut into the intermediate deposit (31003)/(32003) immediately below the topsoil, and are likely relatively recent planting pits, with the stone possibly serving some kind of drainage function; this area is adjacent to the central band of trees and some younger trees are present in the vicinity.

Discussion

Historic Building Recording Survey

8.1 Overall it would appear that the changing uses of the Walled Garden are represented in the various constructional details and alterations visible. The incorporated heating system appears to be an original feature of construction operating within a series of square iron vents built into the walls and encased on the interior by the hand-cut brickwork, with the location of the former heated glasshouse represented within its extent. Various phases of later lean-to structures are also visible to the exterior of the western walls, some possibly as recent as the later twentieth century use as a local market garden.

8.2 Also significant is the date of '1809' inscribed above the south-east doorway exterior. Given that both the doorways present to the south appear to be incorporated as original features, and as discussed above, the earliest cartographic depiction of the Walled Garden dates from 1828 with no such structure appearing on Johnson's 1777 plan (Plate 16), it could be reasonably suggested that this may represent the date of the original construction of the Walled Garden. Further survey of the exterior of the south-west wall if this is to be cleared and made accessible may reveal a similar inscribed date above the doorway here.



Plate 27: Ordnance Survey 1854 Six-inch 1st edition.



Plate 28: Ordnance Survey 1934, 25 inch 2nd edition.

Evaluation

8.3 The trenching revealed several features of potential significance in both the 8 Acre Field and the Walled Garden areas. The series of linear stone and ditch features revealed across trench 6 and continuing within trench 13 may indicate the former estate boundary, in line within Johnson's

1777 plan, prior to the re-routing of the road now existing as the A7 to the south, with the sandstone wall [6005]/[13006] potentially representing an estate wall, and the two possible dry stone walls [6008] and [6012] possibly representing the route of a former road or trackway.

- 8.4 Within the Walled Garden various features associated with the use of the garden were identified, the most significant being the remains of the brick structural features and stone floor surface associated with the former glasshouse structure. It is unclear if the same structure existed since the construction of the Walled Garden, or if this was replaced or altered subsequently. As noted the structural remains correspond to the plasterwork visible on the wall, however this does not correspond exactly with the change from brick to stonework noted during the HBRS, and as suggested, this whole wall may have undergone some alteration with the addition of the curved upper level above the archway. However the glasshouse is depicted in the same location from the first edition OS six-inch map onwards, suggesting that perhaps little alteration took place. Only the six-inch to the mile and 25-inch to the mile maps are detailed enough to show any detail of the shape of the structure; the more detailed 25 inch series shows the same structure on both the earlier 1895 and the later 1934 depictions, with structures on both the interior and exterior of the wall in this location, stretching from the southern extent over the archway area, but terminating before the northern extent.

Recommendations

Historic Building Recording Survey

- 9.1 The survey work recorded various structural features and alterations which could further understanding of the changing uses of the garden. It is possible that further work may be necessary if the surrounding overgrowth to the exterior of the south-west and south-east walls is cleared as these are currently inaccessible, and there is the potential for significant details here, given the presence of the inscribed date above the wall to the south-east.

Evaluation

- 9.2 The evaluation work has proved that potentially archaeologically sensitive features exist within the development area. In consequence, it is recommended that further archaeological work may be required to further investigate the extent of some of these features relating to the changing estate, particularly the structural remains encountered within the 8 Acre Field and Walled Garden. An archaeological watching brief may be necessary during groundworks associated with the proposed development in the area.
- 9.3 GUARD Archaeology Limited would stress that these recommendations are intended for guidance only. While the recommended mitigation strategy was developed following consultation with City of Edinburgh Council Archaeology Service final decisions on the nature and extent of any future archaeological work rest with the planning authority.

Acknowledgements

- 10.1 GUARD Archaeology Limited would like to thank Wintertree Software Inc for their assistance. Assistance in the field was from Dougie Allan, Craig Horton and Daniel Wood. Technical support was from Aileen Maule, John Kiely and Jen Cochrane. A survey of the Walled Garden elevations and trench locations was conducted by Fiona Jackson. The illustrations were produced by Fiona Jackson. The report was desk top published by Gillian McSwan. The project was managed for GUARD Archaeology Limited by John Atkinson.

**Walled Garden and 8 Acre Field,
Edmonstone Estate
Data Structure Report**

Section 2: Appendices



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Appendices

Appendix A: Sources consulted

Cartographic

Ordnance Survey, 1854, Edinburghshire, Sheet 7, Six-inch 1st edition

Ordnance Survey, 1898, Edinburgh, Sheet 32, One-inch to the mile 2nd edition

Ordnance Survey, 1904, Edinburgh, Sheet 32, One-inch to the mile 3rd edition

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Appendix B: Trenches details

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/ Overburden	Intermediate deposit	Intermediate deposit	Subsoil	Details
001	50	2	0.4-0.5	0.25 to 0.30m deep, medium firm mid grey brown silty clay with infrequent small stones	0.1 to 0.15m thick. Firm orange brown / cream clay with frequent coal fragments and weathered sandstone fragments	-	Revealed in sondage at 0.55m depth. Not excavated. Firm brown clay and orange sandstone with frequent weathered sandstone frags in clay	Topsoil stripped onto mixed clay intermediate deposit overlying sandstone bedrock. One possible furrow half way along trench. Service trench at N end.
002	50	2	0.30 - 0.35	0.25 to 0.3m depth. Medium firm mid grey brown silty clay with infrequent small stones.	0.05 to 0.10m thickness. Firm orange brown / cream clay with semi frequent coal frags and weathered sandstone frags	-	Not excavated. Firm brown clay with yellow sandstone. Sandstone bedrock seams and clay bands. Frequent sandstone frags found	Top soil stripped onto mixed intermediate deposit overlying sandstone bedrock. No archaeological features.

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/ Overburden	Intermediate deposit	Intermediate deposit	Subsoil	Details
003	50	2	0.3 - 0.5m	0.3 to 0.4m medium firm mid grey brown silt clay with infrequent small stones	0.05 to 0.1m firm orange brown / cream clay with semi frequent coal frags and weathered sandstone frags	-	firm, brown clay / yellow sandstone. Bedrock. Frequent sandstone frags found	Top soil stripped onto mixed clay / intermediate deposit overlying sandstone bedrock. No archaeology
004	50	2	0.3 to 0.45	0.25-0.35 thick, medium firm mid grey brown silty clay with infrequent small stones	0.05 to 0.15 varying thickness. Firm mid brown / dark cream clay with occasional coal and stone fragments	-	Firm blue brown clay mixed with occasional sandstone fragments	Rubble field drain at south end, service trench at north.
005	50	2	0.3 - 0.4	0.25 to 0.3m thick, medium firm mid grey brown silty clay with infrequent small pebbles	0.05 to 0.1m thick, firm dark cream brown clay with semi frequent coal frags and sandstone frags	-	firm brown clay, orange sandstone. Clay with occasional outcrops of sandstone. Frequent weathered sandstone frags.	top soil stripped onto mixed clay intermediate deposit overlying sandstone bedrock, outcropping in occasional seams. Service trench and rubble field drains found.
006	50	2	-	0.3-0.5 thick, medium firm mid grey brown silty clay with infrequent small stones and cobbles	Moderate mid brown grey silt clay with mixed sandstone and dark mineral flecks	-	Very compact light mott;ed yellow grey orange sand clay with frequent mixed sandstone and dark mineral flecks	Stone wall / drain / ditch features 6004 - 6015.
007	50	2	0.35 (e) to 0.47 (w)	0.33m thick. Loose dark brown grey silt loam with frequent small stones / pebbles / roots	Intermediate deposit below 7001 especially towards W. 0.12m thick, very compact mid brown grey loamy clay with small stones / pebbles	7004 - 4.80m width x 14.9m length revealed x 0.22m depth at sondage. Very compact mid brown silty clay with frequent small stones. Truncated by rubble drain - possibly older?	very compact light brown beige silty sandy clay - gritty with sandstone. Occasional small stones / sandstone / dark coal mineral flecks.	Various field drains NE-SW. Unstrat white gritty sherd. Wide furrow NE-SW. Two rubble /1 linear field drains.
008	50	2	0.3 - 0.4	0.24 to 0.28m thick. Loose dark grey brown silty loam with frequent small stones, pebbles, small roots	0.07 to 0.12m thick very compact mid brown grey silt clay with small mixed sandstone and coal flecks. Intermediate deposit, almost a mixed interface	-	Very compact light orange beige brown sandy clay with frequent small stones and dark coal flecks	N-S field drains x 3, rubble drains E-W x2. No archaeology
009	50	2	0.55	0.28 - 0.35m thick. Loose dark grey brown silty loam with frequent stones and roots	0.10-0.15m thick, very compact mid brown silty clay with frequent mixed sandstones / dark mineral flecks	-	Very compact light beige yellow / grey mottled clay with occasional sandstone / dark mineral flecks	2 x field drains N-S. No archaeology.

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/ Overburden	Intermediate deposit	Intermediate deposit	Subsoil	Details
010	50	2	-	0.30 to 0.32m thick, loose dark grey brown silt loam with frequent small stones / pebbles / roots	Very compact mid brown silt clay with frequent small stones / dark mineral flecks. Intermediate deposit - possible plough soil	-	Very compact light mottled beige orange grey brown clay with frequent small mixed sandstone / dark mineral flecks	line of stone blocks with anchoring rings - likely fence posts. Area quite disturbed by tree roots. 1 x tree stump removed.
011	50	2	0.50	0.25m thick - as Tr10	0.20m thick - As Tr10	-	As Tr10 but becoming darker / browner	Ground very disturbed by modern building materials / rubbish etc esp at NW. No archaeology.
012	50	2	0.35-0.40	0.25-0.27m topsoil as Tr10	0.10-0.12m as Tr10.	-	Very compact mid grey brown sand clay with frequent small mixed sandstone / dark mineral flecks	-
013	50	2	-	As Tr10	As Tr10 - almost non existent to NW	-	-	See sheets - walls [13005] / [13007], furrow (13006) - as Tr6. Rubble drains.
014	50	2	0.37-0.40	0.25-0.27m thick, loose mid to dark silty loam with frequent small stones / pebbles / roots	0.10-0.13m thick moderate compaction mid grey brown silt clay with frequent small sandstone. Intermediate deposit, very thin, almost more of an interface - not always present	-	Very compact light to mid brown orange sandy clay with frequent small mixed sandstone, occasional dark mineral flecks	Rubble drains
015	50	2	0.5-0.55	0.27-0.30m thick - As Tr14	0.10-0.12 - As Tr14	-	Very mottled pinky beige yellow brown clay with frequent mixed sandstone / dark mineral flecks	Rubble drains
016	50	2	-	Loose dark silty loam with frequent small mixed sandstone / roots	Moderate mid grey brown silt clay with frequent mixed sandstone / dark mineral flecks	-	Very orange brown mottled clay with mixed sandstone flecks / dark coal mineral flecks	Various field drains / furrows - system of NE/ SW furrows
017	50	2	0.40	0.25-0.28m thick - As Tr16	0.12-0.15m thick - As Tr16 although thicker in places, over furrows	-	Very compact mid orange brown mottled beige clay with occasional mixed sandstone / dark mineral flecks	Various drains. System of E-W furrows continues as Tr16

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/ Overburden	Intermediate deposit	Intermediate deposit	Subsoil	Details
018	50	2	-	Loose dark grey brown silty loam with frequent small stones and roots	Moderate mid grey brown silt clay with frequent mixed sandstone / dark mineral flecks. Very thin, in places not present. Almost an interface.	-	Very compact light to mid mottled orange grey brown clay with frequent mixed sandstone. Dark mineral flecks	Drainage, furrows, E-W system.
019	25	2	0.30	0.25m thick moderate compaction, dark grey brown silt loam with frequent pebbles / small roots. Compacted as in area of pathway/ spoil bund	Not present	-	Very compact light beige orange brown sand clay - frequent mixed sandstone / dark mineral flecks.	Possible furrow (may just be an undulation) E-W. 1x field drain
020	25	2	0.35-0.40	0.27-0.33m thick - as Tr19	As Tr19	-	Very compacted light beige brown orange sand clay with frequent mixed sandstone / dark mineral flecks	Field drains. Possible areas of drainage / root disturbance? Appear quite sterile
021	25	2	0.45-0.50	0.25-0.30m thick - As Tr19	0.10-0.15m thick. Very compact mid grey brown mottled orange silt clay with frequent small mixed sandstone / dark mineral flecks	-	Very compact mid blue grey mottled orange clay with frequent sandstone	No archaeology.
022	30	2	0.80	0.40-0.45m thick loose dark organic rich grey brown silt with frequent roots, occasional pebbles	0.35-0.40m thick moderately compact mid brown silt loam clay with frequent small pebbles, roots, dark mineral flecks, occasional CBM, tile frags etc. Intermediate deposit - plough soil, likely from eg former farming use? Or intense planting?	-	Very light orange / beige mottled grey sand clay with frequent small mixed sandstone / dark mineral flecks	System of furrows - different to 8 Acre Field, but still with oyster shell flecks. Drainage. No archaeology.
023	30	2	0.75	0.25-0.27m thick - As Tr22	0.35-0.38m thick - As Tr22. Occasional white glaze ceramic	-	As Tr22	Furrows E-W as Tr22. Drainage cut into 003 & 002
024	30	2	0.85	0.35m thick. As Tr22	0.45m thick as Tr22 with occasional sandstone fragments	-	Very compact mid grey brown orange sand clay with frequent mixed sandstone / dark mineral flakes	Furrows E-W, drainage N-S

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/ Overburden	Intermediate deposit	Intermediate deposit	Subsoil	Details
025	50	2	-	As Tr22	As Tr22 - possible old plough soil	-	Very compact mid to light beige grey clay with frequent mixed sandstone / dark mineral flecks	Trackway [25007] within 25003. Furrows / rubble drains
026	16	2	0.75	0.36m thick loose dark grey brown organic rich silt with frequent small stones, roots and some debris	0.34m thick moderately compact mid to light brown silt clay with frequent mixed sandstone, dark mineral flecks and some sandstone / brick debris. [26004] present within this	-	Very compact light beige orange clay with frequent mixed sandstone / dark mineral flecks	Structural features [26004] - [26006] - remains of the glasshouses which originally sat against the NW wall interior. Partially revealed to NE of archway entrance - likely to extend beyond this
027	50	2	0.82	0.40-0.42m thick loose dark organic rich grey brown silt with frequent small stones / pebbles / roots	0.35-0.38m thick, very compact mid to dark brown grey silt clay with frequent small mixed sandstone / dark mineral flecks. Seems more compact towards W, but still similar to Tr22	-	Very compact light orange brown sand clay with frequent mixed sandstone / dark mineral flecks	Possible rubble drain / pathway remains.
028	25	2	0.25	0.25m thick - as Tr27 - very organic rich	Unknown - base not reached. Very compact mid grey brown silt clay with frequent mixed sandstone / dark mineral flecks. Structure cut into this	-	Not reached	[29004] - brick / cement structure - adjacent to WNW wall, possibly a "lean-to" but no corresponding plaster marks. Ceramic field drain.
029	20	2	0.52	0.28-0.31m thick. Loose dark grey brown silt with frequent small roots	0.18-0.20m thick compact mid brown grey silt clay with frequent small mixed sandstone / dark mineral flecks	-	Very compact light beige orange clay with frequent mixed sandstone / dark mineral flecks	Rubble drains x 2
030	25	2	0.65	0.33-0.35m thick, loose dark grey brown silt with frequent small stones and roots	0.22-0.25m thick moderately compact mid brown grey silt clay with frequent mixed sandstone / dark mineral flecks	-	Very compact light beige orange brown clay with frequent small mixed sandstone / dark mineral flecks	Furrows E-W
031	20	2	0.64	0.28 - As Tr30	0.26 - As Tr30	-	As Tr30	2x stone filled pits - likely planting pits cut into intermediate 31003

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/ Overburden	Intermediate deposit	Intermediate deposit	Subsoil	Details
032	20	2	0.63	0.29 - As Tr30	0.27-0.29 - As Tr30	-	As Tr30	Stone filled pit as Tr31. Furrow sampled as 32004
033	20	2	0.75	0.32 - As Tr30	0.36 - As Tr30	-	Very compact light to mid grey beige brown clay, frequent mixed sandstone / dark mineral flecks	rubble drains x2

Appendix C: List of contexts

Context No.	Area	Description	Interpretation
6002	8 Acre Field	Loose mix of light brown and orange sandy clay containing small rock fragments and some small sub rounded stones. Extent unknown, subsoil across Tr6. Truncated by stone wall/ kerb 6008, cundy drain 6010 and trench edges. Machine excavated. Between 6010 and 6012 the subsoil contains a square ceramic drain which continues through wall 6012 and into the trench edge.	Subsoil in Tr6, similar across 8 Acre Field. Overlies a blue shale clay at deeper depths, visible in deep slots in Tr6/Tr13
6004	8 Acre Field	Quite well compacted mid brown sand containing small stone fragments. Measures at least 18.5 x 1.5m and excavated to a depth of 0.21m at base of slot. Truncated by stone wall 6005 and further features to S. Machine excavated. Affected by bioturbation	Likely furrows - part of the system of E-W furrows which run across the site, full width unknown as has been truncated by wall, ditches etc to S. See Tr7 also. Pre dates all else- may be quite an early furrow system.
6005	8 Acre Field	Stone built structure, partially faced - visible on E facing side. Degraded mortar looks to be bonded at least partially, but the mortar is very crumbly. Linear, measuring 0.30 x 0.15m to 0.50 to 0.3m, approximately 15cm thick. Sub rounded blocks and subangular stones. Stands 0.44m high, greater than 50m in length (truncated by ends of trench) and around 0.45 to 0.6m wide. Runs roughly NE-SW. Changes to SSE-NNW at around 36m.	Sandstone wall with a clear face to the SE side / S side. Curves at SE extent to form a straight E-W extent. Likely old estate wall, possibly with corresponding road / track to S - see 006 - 015. Wall appears set into N ditch 6007 side - technically truncating but likely constructed at same time.
6006	8 Acre Field	Linear cut greater than 50m long (truncated by trench edges), 0.58 - 1.60m wide and at least 0.26m (?) deep to base of slot. Quite steep break / sloping to S - at N is less clear, but doesn't appear to extend beyond wall 6005. Almost flat base, slightly curved. Running SW-NE following extent of wall [005]. Truncated by wall 6005 and wall / kerb 6008. Contains fill 6007.	Appears to be a ditch to S of wall [005] - possible trench or drainage function? To N of possible dry wall [6008]. As in Tr13. Doesn't appear to extend beyond wall 6005.
6007	8 Acre Field	Fairly compact very dark brown silt with small flecks of white and orange sandstone. Greater than 50m in length (truncated by trench edges) and between 0.58 and 1.60m wide. At least 0.26m (?) deep to base of slot.	Fill of ditch [6008] - very sandy / silty - as in Tr13. Possible track function / drainage?
6008	8 Acre Field	Drystone constructed linear measuring between 0.20 x 0.15m to 0.40 x 0.30m. Components irregular, sub angular. 0.3m high at 0.28m depth, same as stone features such as 6010 and 6012. Greater than 11.4m long, disappearing into trench edges and 0.5 to 0.6m in width. SW-NE	Possible remains of a dry stone wall - seems too substantial to be drainage, although its possible that this is a large rubble drain (runs parallel to cundy 6010). Along with [6012] may form the edge / kerb of a track or surrounding walls? Features run NE-SW / E-W and appear to follow line of wall [6005] (may have been represented in Tr13 by large sandstone boulders x2 but not as prominent there...)

Context No.	Area	Description	Interpretation
6009	8 Acre Field	Loose mix of pink, orange and mainly red sandy sandstone material. Measures around 0.35m thick, 10.5m in extent (patches not a continuous line) and 0.09 max depth. Truncated only by trench edges. Machine excavated.	Patchy sandstone deposit present to S of possible wall 6008 - similar seen in 6011 and 6012. Possibly degraded stone which was part of the wall but could also be a sandstone deposit formed by water draining through stones? Originally thought to be possible remains of a surface, but seems too degraded / irregular / concentrated against wall stones.
6010	8 Acre Field	Red sandstone structure of drystone construction. Linear in plan. Components measure 0.5x0.25 to 0.3x0.2m and are angular blocks. 0.35m depth and longer than 5.30m as it goes into the trench edge. Around 1.0 to 1.1m wide. SW-NE.	Large cundy drain - red sandstone blocks form a regular feature in plan but blocks are irregular and with large voids. Likely provides drainage associated with sandstone wall 6005 - also visible in Tr13, appears to follow the course of this. Located between possible walls 6008/6012 - could also provide drainage associated with these?
6011	8 Acre Field	Loose mix of pink and red sandy sandstone. Measures 0.8 x 0.35m. Thin, 0.08 to 0.10m max depth. Truncated by possible wall 6012. Machine excavated and appears to continue underneath ditch fill 6014.	Concentrated to the N of 6012 - see 6009.
6012	8 Acre Field	Drystone constructed linear structure. Components measure between 0.28x0.17m to 0.50x0.35m and are large, sub rounded boulders and some smaller sub rounded stones. Around 0.30m high, greater than 5.3m long as it goes under the trench edge and 0.56m thick. SW-NE. Truncated by ceramic drain which is surrounded by a shale deposit. This drain is also found in the subsoil 6002 between walls 6010 and 6012 and in the ditch fill 6014.	As 6008 - possible stone wall - dry stone - as seems too substantial to be a rubble drain. See also 6008 - may have edged a road / track parallel to [6005]? But no evidence of surface. Neither of these features present in Tr13 - possibly don't follow curve of [6005]? Has ditch to S - as 6005, appears to be set into N side of this.
6013	8 Acre Field	Linear cut measuring 5.3m before truncated by trench edge, 1.3m wide and 0.28m deep. Shallow break of slope at either side leading to shallow, gently rounded base. SW-NE. Truncated by wall 6012 and by rubble drain 6015. Contains fill 6014.	Cut of a ditch - located to S of [6012] possible stone wall. Possibly trackway / gully?
6014	8 Acre Field	Fairly compact medium brown with some patches of orange. Silty. Occasional small stones, one larger stone (collapse from 6012?) Measures 5.3m before trench edge, 1.3m wide and 0.28m deep. Truncated by wall 6012 and rubble drain 6015. Machine excavated. Surrounded by shale deposit. This drain is also found in subsoil 6002 between wall 6010 and 6012.	Fill of 6013 ditch to S of possible wall 6012 - possible gully / trackway?
6015	8 Acre Field	Stone (rubble) drystone structure, linear in plan. Components measure between 0.30m x 0.23m to 0.10 x 0.05m (although also contains lots of tiny stones and stone fragments). They are a mix of sub rounded and sub angular stones. The structure is around 0.66m high, at least 5.50m long before the trench edge and around 0.10m wide. SW-NE.	Rubble drain - parallel with other features to S of ditch [6013] - may provide drainage associated with possible wall / corresponding features to 6012? Appears set into S side of ditch 6013 - later addition?
7004	8 Acre Field	Silty clay fill, very compact and mid-brown with frequent small mixed sandstone, coal flecks and infrequent oyster shell fragments. Measuring 4.8m width x 14.9m length revealed, x 0.22-0.25m depth. Orientated E-W, truncated by a rubble drain.	Furrow within trench 7, part of wider E-W system of furrows seen across the 8 Acre Field.
13004	8 Acre Field	Red sandstone, unbonded, linear feature. Components measure up to 0.51x0.37m but some are smaller. Irregular shaped large and small blocks. Height not known, length of 2.27m revealed in trench and width of 0.84m. E-W. Looks demolished at upper levels.	In vicinity of [13006] - wall extending E-W into Tr6 but of different construction. Likely cundy drain? Quite a lot of voids. Seems too substantial to be a rubble drain, though this is possible - not visible in Tr6, though may be slightly outwith. Visible when expanded 1/9. Below (13003) (although there has been modern material below this in other trenches). Not likely modern.

Context No.	Area	Description	Interpretation
13005	8 Acre Field	Moderately compact mid to dark grey brown silty clay loam with frequent small stones / dark mineral flecks and larger sandstone chunks. Around 4.45m width although not fully revealed, 2.55m length revealed. Possibly disturbed. Machine stripped in wet weather.	Continuation of furrow from Tr6? Base not reached here. Likely part of E-W system of furrows seen across area - same dimensions.
13006	8 Acre Field	Yellow sandstone structure with degraded mortar bonding. Linear in plan. Varying components, irregular in shape. Height around 0.40m. Length of 2.09m revealed and width of 0.57m. E-W. Demolished at upper level?	Continuation of sandstone wall / kerbing in Tr6. Within furrow 13005 (as Tr6) seems to have truncated this. Likely old estate wall. Boundary, with ditch 13007 to S.
13007	8 Acre Field	Quite compact mix of light and dark browns, grey with a little orange and pale yellow (sandstone?) silty, slightly drier than 13009. Silty sand. Contained some pieces of sandstone, several small sub angular stones present in top half of fill (nearest to 13003). Measured up to 0.64m thick and at least 4.3m in extent - truncated by 13009 and 13010. Machine excavated in dry conditions. Occasional pockets of blue clay - redeposited natural etc.	Fill of ditch E of wall [13006]. Possible support material for road / pathway? Quite silty / sandy. No evidence of an upper surface.
13008	8 Acre Field	Linear cut measuring at least 4.3m in extent and at max depth 1.0m below ground level. Gradual break of slope at top, gently sloping sides, gradual break of slope at base, gently undulating base. NW-SE. Truncated by cut 13010 and fill 13009. Contained fill 13007.	Cut of ditch to E of wall [13006] - possible road / trackway? Wall appears to border feature. No material culture to indicate date.
13009	8 Acre Field	Quite compact medium brown with flecks of white, orange and pale yellow. Silty - slightly wetter than 13007 - silty clay. Small flecks of white, orange and pale yellow - Sandstone? Measures around 0.20x7.5m. Truncated by wall 13006. Machine excavated in dry conditions.	Fill of possible wall cut - very similar to ditch material 13007 but slightly more compact / clay like. Very ephemeral - may be wall cut material, but also may be material which has become compacted against 13006
13010	8 Acre Field	Linear cut measuring around 7.5m long. Sharp break of slope at top, gently undulating sides, shallow break of slope at base and gently sloping base. Fill 13009	Cut of ditch for wall foundation [13006]? Very ephemeral but there appears to be a slight change between 13007 / 13009. Cut would mean wall was cut into ditch, however ditch appears to be due to correspond to wall regardless as is only present to E.
25004	Walled Garden	Sandstone, unbonded stones of various sizes and irregular shapes up to around 0.37x0.20x0.14m, though some smaller. 0.56x1.82m exposed width. Oriented E-W - possibly truncated at upper level.	Stones making up trackway 25007 to the S of the feature. Quite a lot of voids and less substantial than the stones 25006 to the N - possibly serving as drainage alongside the path, but could also be more disturbed area of kerbing / path surface.
25005	Walled Garden	Compact light red brown gritty, sandy stony, crushed material. Small pebbles, but fairly homogenous, likely building material. 0.65m width x 1.81m exposed. Possibly truncated at upper levels. Machine stripped, dry.	Crushed gritty material, possible remains of a pathway surface between stones [25004] / [25006]. May have been a compacted middle fill of the pathway, while the stones served as kerbing / border?
25006	Walled Garden	Unbonded stones form a possible stone surface for a trackway - possibly serving as kerbing. Mixed sandstone, flat boulders, irregular shapes / sizes although generally quite large - up to 0.52x0.28m. Doesn't appear to form a neat face to N, but more regularly arranged than [25004] to S. 0.70m width x 1.78m exposed.	Large mixed flat stones to N of trackway 25007 - likely forming a possible surface as are arranged levelly. Possibly kerbing / border with 25005 forming a middle surface deposit?
25007	Walled Garden	Constructed of 3 materials - 25004 - 25006 with a possible cut of 25007 visible, although largely formed by the edge of the stonework. ESE - WNW. Linear, adjacent to the SW garden wall - appears to run roughly parallel. 1.68m width x 1.8m exposed. May be disturbed at upper level, but doesn't appear very truncated. Located within 25003 - intermediate deposit, below topsoil 25001 at 0.26m below ground level.	Likely pathway within walled garden layout - possibly 19th century, could be original to original layout or could be later. Not very deep - below existing (001) but within lower (003) former plough soil. Not based but not likely to reach (002) as (003) is quite deep (meaning (003) possible walled garden original topsoil?)

Context No.	Area	Description	Interpretation
26004	Walled Garden	Bonded brick structure made up of rectangular components, a series of brick 'posts' forming outline of structure. Brick dimensions are 0.25x0.12x0.07m and they are rectangular in shape. Full height not known as not fully revealed - posts survive to roughly 4 courses but various. Post dimensions - 0.26x0.25m. Structure length - 9.30m visible. Width - visible 2.0m, between posts 0.92m (inside); 1.42m outside. NE-SW. Partially demolished, disturbed at upper level. Appears to sit within intermediate deposit (003) - (002) subsoil is quite deep, substantial former plough soil (003) above this.	Series of bonded brick pillars - 2x2 courses. Either support / structural - possibly originally to this height and higher at ground level as stone floor [26006] is revealed at base. Likely originally another material in between eg glass? Stamps not visible.
26005	Walled Garden	Bonded brick linear structure. Dimensions of bricks are 0.2 to 0.25 x 0.12 x 0.08m and they are rectangular in shape. Full height of structure not known, at least 0.35m. Gap between divisions 1.9m, 3.0m. Length 0.51m, width 0.12m, oriented roughly NW-SE. Partially demolished / disturbed at upper levels. At least 4 courses high.	Several brick 'division' walls - very thin, not substantial enough to be structural. Possibly create internal divisions within original glasshouse or raised bed areas? Oriented towards main NW wall, perpendicular between this and the main brick postline [26004]. As 26004 - appear to sit on 003.
26006	Walled Garden	Stone slabs, unbonded but with crushed gritty matrix material as bedding. Shape of structure not clear in extent revealed - likely rectangular / linear as follows structure [26004]. .64x0.47m. Height irregular - flat at upper surface, all quite sub rounded. Arranged to create flat surface. Height unknown as not based. Length of 7m visible and 2.6m wide visible. Roughly NE-SW aligned with structure.	Possible stone slab floor surface. Appears to be present to both sides of the main [26004] running on either side, although on 'interior' side is only present to around the level of the brick divisions [26005] ie may have been floor between structure wall and raised beds?
26007	Walled Garden	Moderately compact, mid brown silty sandy silt containing frequent small stones and dark mineral flecks. 6.15m length revealed, 1.95m width revealed. Machine stripped, present in structure's interior.	Silty deposit similar to (26003) but siltier and present to structure interior. Contains quite a lot of animal bone - butchered. Also occasional ceramic; terracotta etc. Seems to be backfill within the structure after demolition - structure 'sunk' dug down below ground level.
27004	Walled Garden	No sheet in folder	
28004	Walled Garden	Bonded brick, rectangular shape. Components measure 0.23x0.10x0.09, marked "Whitehill" and rectangular in shape. Unknown height as base not reached but bricks survive to a storey above cement platform. Length 18.5m revealed, width 1.7m revealed. Roughly NE-SW in line with WNW wall. Demolished at upper levels.	Brick structure in Tr28 - possible lean to against WNW wall but no corresponding marks - all 'divisions' seem to lead towards main WNW wall so seems more likely than it being an autonomous structure. (wall width 0.26m - 2 vertical courses) Cement divisions - 0.38m width. 'Divisions' imply possible shed/greenhouse use? "Whitehill" stamp - possibly early to mid 20th century - probably not original structure, possibly in use into later 20th century.
31004	Walled Garden	Unbonded sandstone blocks of various sizes, with frequent voids and quite sterile.	Fill of likely modern planting pit, possible drainage function.
31005	Walled Garden	Circular in plan, sandstone filled pit, unbonded, with frequent voids between stones, quite sterile. Measuring 0.54m width x 0.29m depth.	Likely modern planting pit, possible drainage function.
31006	Walled Garden	Steep almost vertical cut with shallow base.	Cut of likely modern planting pit, possible drainage function.
32004	Walled Garden	Circular in plan, sandstone filled pit, unbonded, with frequent voids between stones, quite sterile. Measuring 0.67m x 0.72m.	Likely modern planting pit, possible drainage function.

Appendix D: List of drawings

Drawing No.	Area	Sheet No.	Feature No.	Subject	Scale
1	8 Acre Field	1	13004 - 13008	Plan of stone features / ditch	1:20

Drawing No.	Area	Sheet No.	Feature No.	Subject	Scale
2	8 Acre Field	2/1	-	T6 trench plan showing stone features / ditches	1:50
3	8 Acre Field	3	13007 - 13010	NE facing trench section showing ditch	1:10
4	Walled Garden	4	25004 - 25007	Plan of stone pathway	1:20
5	Walled Garden	4	28004	T28 trench showing structure 28004	1:50
6	Walled Garden	5	26004 - 26007	T26 trench plan showing structural features	1:50

Appendix E: List of finds

Find No.	Area	Context No.	No. of Pieces	Material	Type	Description
1	T6	Unstrat	1	Clay	Pipe	Pipe stem frag
2	T7	Unstrat	1	Ceramic	Pottery	White gritty sherd
3	T10	Unstrat	1	Metal	Fe	Horseshoe
4	T6	Unstrat	1	Metal	Fe	Horseshoe
5	T26	26003	1	Clay	Pipe	Pipe stem fragment
6	T26	26007	3	Ceramic	Pottery	Terracotta plant pot fragments
7	T26	26007	Many	Bone	Animal	Various fragments - butchered

Appendix F: List of samples

Sample No.	Area	Context No.	Size	Reason for Sampling				Application/Comments
				Pot	Bone	Lithics	Botanics	
1	Tr6	6004	1xL					Fill of furrow
2	Tr6	6007	1xL					Fill of ditch [6006]
3	Tr6	6014	1xL					Fill of ditch [6013]
4	Tr32	32004	1xL					Fill of furrow - representative sample
5	Tr26	26007	1xL					Silt deposit (26007)

Appendix G: List of photographs

Historic Building Recording Survey

Frame	Area	Context No.	Subject	Taken from
1	-	-	ID Shot	-
2	NW Wall	Ext	NW Wall-general	N
3	-	Ext	NW Wall-general	W
4	-	Ext	Archway	NW
5	-	-	Interior archway	N
6	-	-	vents and brick blocked openings	NW
7	-	-	ivy/plants at N corner	N
8	-	-	Detail – vents/bricked voids	NW
9	-	-	structural interior area with bricked shafts	NW
10	-	-	Detail-blocked shafts	NW
11	-	-	possibly blocked window opening?	NW
12	-	-	small blocked arch	NW
13	-	-	vent and void	NW
14	-	-	iron hoop and graffiti	NW
15	-	-	detail iron hoop	NW
16	-	-	Detail – small voids	NW
17	-	-	detail- voids/vents?	W
18	-	-	Detail-iron settinh/hoop	NW
19	-	-	iron hoop/wooden blocked vent	NW
20	-	-	Detail – wood blocked vent	NW
21	-	-	bricked up openings	NW
22	-	-	structural interior area ?	NW
23	-	-	general of paintwork showing structures	SW

Frame	Area	Context No.	Subject	Taken from
24	-	-	Detail – upper block work	SW
25	-	-	General – arch/upper block work	W
26	-	-	General – N structural area	NW
27	-	Int	General – N interior wall	SE
28	-	-	Detail – bricked shafts	SE
29	-	-	General – brickwork in wall	SE
30	-	-	General – S wall extent	NE
31	-	-	arch interior	SE
32	-	-	Detail – wooden shafts	NE
33	-	Ext	Detail – possible chimney?	NW
34	-	-	Detail – possible chimney?	NW
35	NE wall	Ext	general NE wall	N
36	-	-	detail of vents	NE
37	-	-	detail of vents	NE
38	-	-	detail of vents	NE
39	-	-	detail of square headed nails	NE
40	-	-	detail of step in wall	NE
41	-	-	general of 'step'	E
42	-	-	Detail – square headed nails	NE
43	-	-	quoining at E corner	E
44	-	-	detail of cap stones	E
45	-	-	area of disturbed stonework	NE
46	-	-	Vents and possible blocked vents	NE
47	WNW wall	Ext	general of WNW wall	WNW
48	-	-	entrance within wall	WNW
49	-	-	step' and vents	WNW
50	-	-	step' and vents	WNW
51	-	Ext	detail of quoining at NW corner	NW
52	-	-	location of former lean – to structure	WNW
53	-	-	location of former lean – to structure	WNW
54	-	-	detail of iron fixtures and cap stones	NW
55	-	-	detail of iron fixture	WNW
56	-	-	quoining at W corner	W
57	-	-	general WNW wall	SW
58	-	-	entrance arch interior showing bricks	S
59	-	-	detail of vent	WNW
60	-	-	general WNW wall	NW
61	-	Int	detail showing bricks over original stonework	ESE
62	-	-	entrance interior	ESE
63	-	-	General – wall showing graffiti	NE
64	-	-	General – wall showing graffiti	SE
65	-	-	General – wall showing graffiti	SE
66	-	-	General – wall showing graffiti	ESE
67	WSW wall	Ext	general WSW wall	W
68	-	-	general WSW wall	WSW
69	-	-	general WSW wall	SW
70	-	-	entrance arch interior	S
71	-	-	detail of cap stones	SW
72	-	-	quoining at SW corner	SW
73	-	-	detail of disturbed bricks at base	SW
74	-	Int	Entrance with wooden framework	ENE
75	-	-	detail of possible replaced cap stones	E
76	-	-	general WSW wall	ENE
77	SW wall	Int	general SW wall – NW extent	E
78	-	-	general Sw wall – NW extent	E

Frame	Area	Context No.	Subject	Taken from
79	-	-	bricked up doorway with wooden frame	NE
80	-	-	bricked up doorway with wooden frame	NE
81	-	-	general SW wall – SE extent	N
82	SE wall	Int	general SE wall – SW extent	N
83	-	-	bricked up doorway with wooden frame	N
84	-	-	bricked up doorway with wooden frame	NW
85	-	-	bricked up doorway with wooden frame	NW
86	-	-	bricked up doorway with wooden frame	N
87	-	-	General – NE extent	SW
88	-	-	General – NE extent	SW
89	NE wall	int	general SE extent	W
90	-	-	general view – walled garden interior, N side	NE
91	-	-	general view – walled garden interior, N side	E
92	-	-	mid area – general, showing brickwork	SW
93	-	-	Detail – arrangement of bricks	SW
94	-	-	Detail – arrangement of bricks	SW
95	-	-	detail of bricks	S
96	-	-	general walled garden interior, E side	E
97	-	-	General – walled garden interior, E side	N
98	-	-	General – walled garden interior looking E	W
99	-	-	General – walled garden interior looking NE	SW
100	SW wall	Ext	general view with Ha-ha	SW
101	SE wall	Ext	quoining at SE/NE corner	S
102	-	-	General – wall with overgrowth	ESE
103	-	-	General – wall with overgrowth – middle	ESE
104	-	-	void (accidental)	-
105	-	-	void (accidental)	-
106	SE wall	Ext	date above doorway	ESE
107	-	-	Detail – date '1809'	ESE
108	-	-	Detail – date '1809'	ESE
109	-	-	General – SE wall	SE
110	-	-	General – S extent of SE wall	ESE

Evaluation, File 1

Frame	Area	Context No.	Subject	Taken from
1	-	-	ID shot	-
2	8 acre field	-	general view of field pre-evaluation	S
3	-	-	general view of field pre-evaluation eastern edge	W
4	-	-	general view of field pre-evaluation western edge	E
5	-	Trench 1	working shot start of trench	S
6	-	Trench 1	shot of trench 1 – post strip view	S
7	-	Trench 1	linear feature in trench 1	S
8	-	Trench 2	W facing section edge of trench 2	W
9	-	Trench 2	shot of trench 2 – post strip view	S
10	-	Trench 1	E facing section edge of trench 1	E
11	-	Trench 3	E facing section edge of trench 3	E
12	-	Trench 3	possible farrow south trench 3	SE
13	-	Trench 3	shot of trench 3 – post strip view	N
14	-	Trench 3	rubble field drain north trench 3	NW
15	-	Trench 2	back fill	N
16	-	Trench 1	back fill	N
17	-	-	general view of field looking west from E corner	E
18	-	Trench 4	imprint from field drain south end trench 4	E
19	-	Trench 4	sei... trench at north end trench 4	SE

Frame	Area	Context No.	Subject	Taken from
20	-	Trench 4	post strip view of trench 4	N
21	-	Trench 4	W facing section edge of trench 4	W
22	-	Trench 4	slot in trench 4	N
23	-	Trench 4	slot in trench 4	W
24	-	Trench 5	post strip view of trench 5	E
25	-	Trench 5	south facing section trench 5	S
26	-	Trench 5	rubble drain	NW
27	-	Trench 5	rubble drain	SE
28	-	Trench 7	Trench 7 ID	-
29	-	Trench 7	N facing trench section at sondage	N
30	-	Trench 7	N facing trench section	N
31	-	Trench 7	rubble drain – truncated by farrow	N
32	-	Trench 7	rubble drain – truncated by farrow	SW
33	-	Trench 7	Trench 7 from E	E
34	-	Trench 7	N facing section – sondage through farrow	N
35	Trench 7	-	general farrow (7003)	NE
36	Trench 7	-	general farrow (7003)	ENE
37	Trench 7	-	general farrow (7003)	ENE
38	Trench 7	-	general farrow (7003)	SW
39	Trench 7	-	general farrow (7003)	SW
40	Trench 8	-	Trench 8 ID	-
41	Trench 8	-	SW facing trench section	SW
42	Trench 8	-	general trench 8 from SE	SE
43	Trench 8	-	post ex at TRS – from NW	NW
44	Trench 6	-	wall foundation/trackway	NE
45	-	-	wall foundation/trackway	SW
46	-	-	trackway	NE
47	-	-	trackway	SW
48	Trench 9	-	Trench 9 ID	-
49	Trench 9	-	NE facing trench section	NE
50	Trench 9	-	SW facing section at sondage	SW
51	Trench 9	-	general trench 9 from SE	SE
52	Trench 9	-	post ex trench 9	NW
53	Trench 10	-	Trench 10 ID	-
54	Trench 10	-	General 0-11m before backfilling	SE
55	Trench 6	-	general working shot , expanding	NE
56	Trench 6	-	General – working shot. Craig cleaning	SW
57	Trench 10	-	fence line stone slabs	SE
58	Trench 10	-	Detail – stone anchoring slab	SW
59	Trench 10	-	NE facing trench section	NE
60	Trench 10	-	General – removing tree stump	SE
61	Trench 10	-	post ex trench 10	NW
62	Trench 11	-	Trench 11ID	-
63	Trench 11	-	NE facing trench section at asphalt material NE	NE
64	Trench 11	-	farrow	W
65	Trench 11	-	farrow	E
66	Trench 11	-	general of hard standing material	SE
67	Trench 11	-	general of hard standing material	E
68	Trench 11	-	post ex trench 11	NW
69	Trench 12	-	Trench 12 ID	-
70	Trench 12	-	SW facing trench section	SW
71	Trench 12	-	general rubble drain	E
72	Trench 12	-	general rubble drain truncating farrow	E
73	Trench 12	-	general rubble drain truncating farrow	E
74	Trench 12	-	red blaez/gravel material at NW	SE

Frame	Area	Context No.	Subject	Taken from
75	Trench 12	-	post ex trench 12	NW
76	Trench 12	-	red gravel in NE facing section	NE
77	Trench 13	-	Trench 13 ID	-
78	Trench 13	-	general middle drain truncating farrow	E
79	Trench 13	-	general trench SE extent before backfilling	SE
80	Trench 13	-	NE facing trench section	NE
81	Trench 13	-	post ex trench 13	NW
82	Trench 14	-	rubble drains in trench 14	S
83	Trench 14	-	rubble drains in trench 14	S
84	Trench 14	-	possible culvert and rubble drain	E
85	Trench 14	-	possible culvert and rubble drain	W
86	Trench 14	-	possible culvert and rubble drain	S
87	Trench 14	-	NE facing trench section	NE
88	Trench 14	-	post ex trench 14	NW
89	Trench 13	13005-07	general shot of 3 features	NW
90	Trench 13	13005-07	general shot of 3 features	SE
91	Trench 13	13007	close shot of white linear feature which continues from tr6, truncates furrow	NW
92	Trench 13	13006	close shot of dark coloured furrow	NW
93	Trench 13	13006	close shot of dark coloured furrow	SE
94	Trench 13	13005	detail of possible wall [13005]	SE
95	Trench 13	13005-07	general of features	SE
96	Trench 13	-	general of features	SSW
97	Trench 13	-	general of features	WSW
98	Trench 13	-	general of features	WNW
99	Trench 13	-	detail of wall 13007	W
100	Trench 13	-	detail of wall 13005	W
101	Trench 6	-	extent of sandstone wall	WNW
102	Trench 6	-	extent of sandstone wall	WNW
103	Trench 6	-	general shot of furrow, dry stone wall and sandstone wall	ESE
104	Trench 6	-	drystone wall, possible ditch and sandstone wall	SE
105	Trench 6	-	wide shot of furrow	WNW
106	Trench 6	-	close shot of furrow	WNW
107	Trench 6	-	close shot along sandstone wall	WNW
108	Trench 6	-	close shot along sandstone wall	WNW
109	Trench 6	-	close shot along drystone wall	WNW
110	Trench 6	-	close shot along drystone wall	WNW
111	Trench 6	-	close shot along drystone wall	WNW
112	Trench 6	-	TR6 section edge (SE facing)	SE
113	Trench 15	-	rubble drain	N
114	Trench 15	-	N facing trench section	N
115	Trench 15	-	rubble drain	S
116	Trench 15	-	post ex TR15	W
117	Trench 15	-	dark organic deposit and rubble drain	NW
118	Trench 16	-	furrow	SE
119	Trench 16	-	furrow	NE
120	Trench 16	-	W facing trench section	W
121	Trench 16	-	post ex of TR16	N
122	Trench 17	-	Trench 17 ID	-
123	Trench 17	-	furrow	E
124	Trench 17	-	W facing trench section	W
125	Trench 17	-	post ex 0-35m from S	S
126	-	-	Trench 13 taped off	S
127	-	-	Trench 5 – taped off	NW
128	Trench 17	-	post ex 35-50m	N

Frame	Area	Context No.	Subject	Taken from
129	Trench 13	-	working slot – digging slot	E
130	Trench 13	-	working slot – digging slot	E
131	-	-	NW facing trench section	NW
132	-	-	NW facing trench section	W
133	-	-	NW facing trench section	N
134	-	-	NW facing trench section	N
135	-	-	SE facing section of [13007]	SE
136	-	-	SE facing section of [13007]	E
137	-	-	SE facing section of [13007]	ESE
138	-	-	SE facing section of [13007]	SE
139	Trench 13	-	general of sondage post ex	NE
140	Trench 18	-	Trench 18 ID	-
141	Trench 18	-	w facing trench section	W
142	Trench 18	-	Trench 18 post ex	N
143	trench 19	-	NW facing trench section	NW
144	trench 19	-	Trench 19 post ex	NE
145	Trench 20	-	Trench 20 ID	-
146	Trench 20	-	S facing trench section	S
147	Trench 20	-	post ex trench 20	E
148	Trench 21	-	Trench 21 ID	-
149	Trench 21	-	W facing trench section	W
150	Trench 6	-	general of trench extension	ENE
151	Trench 6	-	general of trench extension	E
152	Trench 6	-	general of trench extension	ESE
153	Trench 6	-	close of rubble drain and ditch	WSW
154	Trench 6	-	general of trench extension	WSW
155	Trench 6	-	general of trench extension	WNW
156	Trench 6	-	close of drystone wall	SW
157	Trench 6	-	close of drystone wall	NE
158	Trench 6	-	close of rubble drain	SW
159	Trench 6	-	close of rubble drain	NE
160	Trench 6	-	wall at edge of ditch	SW
161	Trench 6	-	close of rubble drain	NE
162	Trench 6	-	close of ditch	SW
163	Trench 6	-	close of rubble drain	WSW
164	Trench 6	-	wall at edge of ditch	NE
165	Trench 6	-	close of rubble drain	SW
166	-	-	-	-
167	-	-	-	-
168	-	-	general of back filled trenches	W
169	-	-	general of back filled trenches	NW
170	-	-	general of back filled trenches	NE
171	-	-	general of the trench 6 location	N
172	Trench 6	-	slot through features	N
173	Trench 6	-	slot through features	SW
174	-	-	SW facing section of trench	SW
175	-	-	ceramic drain truncating 6012	SE
176	-	6009	red sandstone deposit	NE
177	-	-	SW facing section of 6005/6006	W
178	-	-	NE facing section of 6005/6008	NE
179	-	-	NE facing section of 6005/6008	NE
180	-	-	SW facing section of 6010	W
181	-	-	SW facing section of 6010	SW
182	-	-	SW facing section of ditch 603/6014	W
183	-	-	SW facing section of ditch 603/6014	S

Frame	Area	Context No.	Subject	Taken from
184	-	-	SW facing of possible wall 6012	SW
185	-	-	SW facing of possible wall 6008	SW
186	-	-	SW facing section of wall 6005	SW
187	-	-	SW facing of ditch 6006/6007	W
188	Trench 6	-	general shot of trench 6	SW
189	Trench 6	-	Trench 6	W
190	Trench 6	-	Trench 6	NE
191	Trench 6	-	Trench 6	E
192	Trench 6	-	Trench 6	SE
193	Trench 6	-	Trench 6	S

File 2

Frame	Area	Context No.	Subject	Taken from
1	walled garden	-	ID shot	-
2	-	-	general access created to garden	NW
3	-	-	General – clearing overgrowth	W
4	-	-	Trench 6	NE
5	Trench 22	-	Trench 22 ID	-
6	-	-	SE facing trench section	SE
7	-	-	furrow	E
8	-	-	general of furrows	S
9	-	-	modern drainage/trench	W
10	trench23	-	trench23 ID	-
11	-	-	SE facing trench section at furrow S edge	SE
12	-	-	SE facing trench section at furrow S edge	SE
13	-	-	general of furrows/rubble drain	E
14	-	-	rubble drain	SE
15	-	-	furrow	E
16	-	-	post ex trench 23	NE
17	trench24	-	Trench 24 ID	-
18	-	-	general rubble drain/furrow	E
19	-	-	rubble drain	-
20	-	-	furrow	-
21	-	-	NW facing trench section	NW
22	-	-	modern SI pit	NE
23	-	-	post ex trench 24	NE
24	trench25	-	stone trackway	N
25	-	-	stone trackway	W
26	-	-	stone trackway	E
27	-	-	stone trackway	W
28	-	-	detail of stones 25006	W
29	-	-	SE facing trench section	SE
30	-	-	General – trackway adjacent to SW wall	NE
31	-	-	post ex trench25	NE
32	trench26	-	Trench 26 ID	-
33	trench27	-	possible trackway remains/drain	S
34	-	-	possible trackway remains/drain	N
35	-	-	SE facing trench section	SE
36	-	-	possible cu.. drain	W
37	-	-	possible cu.. drain	W
38	-	-	SE facing section at possible track	SE
39	-	-	SE facing section at possible track	SE
40	-	-	post ex trench 27	NE
41	trench28	28004	general of structure	S

Frame	Area	Context No.	Subject	Taken from
42	-	28004	brick division	E
43	-	28004	Brick-detail of stamp	S
44	-	28004	return of wall	E
45	-	28004	return with collapse	W
46	-	28004	general of structure	N
47	-	28004	cement division	E
48	-	28004	general location showing WNW wall	E
49	-	-	ceramic drain	W
50	-	-	trench28 post ex	N
51	trench29	-	trench29 ID	-
52	-	-	rubble drain	S
53	-	-	SW facing trench section	SW
54	-	-	post ex trench29	NW
55	-	-	covered back filled trenches	W
56	-	-	covered back filled trenches	SW
57	trench30	-	Trench 30 ID	-
58	-	-	furrow	SW
59	-	-	furrow	NE
60	-	-	W facing trench section at sondage	W
61	-	-	W facing trench section at sondage	W
62	-	-	W facing trench section at sondage	W
63	-	-	post ex trench30	S
64	trench31	-	trench31 ID	-
65	-	-	base of stone filled pit	S
66	-	-	pit in E facing section	E
67	-	-	W facing trench section	W
68	-	-	post ex trench 31	S
69	Trench32	-	trench32 ID	-
70	-	-	stone filled pit	W
71	-	-	stone filled pit	NW
72	-	-	furrow	NE
73	-	-	E facing trench section	E
74	-	-	post ex trench32	N

Appendix H: Discovery and Excavation in Scotland entry

LOCAL AUTHORITY:	City of Edinburgh Council
PROJECT TITLE/SITE NAME:	Walled Garden and 8 Acre Field, Edmonstone Estate
PROJECT CODE:	3955
PARISH:	Edinburgh
NAME OF CONTRIBUTOR(S):	Beth Spence
NAME OF ORGANISATION:	GUARD Archaeology Ltd
TYPE(S) OF PROJECT:	Historic Building Recording Survey and Archaeological Evaluation
NMRS NO(S):	--
SITE/MONUMENT TYPE(S):	Former estate Walled Garden and boundaries
SIGNIFICANT FINDS:	--
NGR (2 letters, 6 figures)	NT 2995 6990
START DATE (this season)	27 th August 2014
END DATE (this season)	04 th September 2014
PREVIOUS WORK (incl. <i>DES</i> ref.)	--
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological evaluation and Historic Building Recording Survey were carried out by GUARD Archaeology Limited on behalf of Wintertree Software Inc in the areas of the Walled Garden and 8 Acre Field, Edmonstone Estate. The HBRS noted several features likely related to the incorporated heating system and changing uses of the garden. The evaluation revealed several features of potential significance regarding the development of the estate and former use of the Walled Garden, including a possible estate boundary wall and trackway within the 8 Acre Field and the remains of the heated glasshouse structure within the Walled Garden interior.
PROPOSED FUTURE WORK:	Unknown
SPONSOR OR FUNDING BODY:	Wintertree Software Inc.
CAPTION(S) FOR ILLUSTRS:	--
ADDRESS OF MAIN CONTRIBUTOR:	GUARD Archaeology Ltd, 52 Elderpark Workspace, 100 Elderpark Street, Glasgow, G51 3TR
EMAIL ADDRESS:	beth.spence@guard-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	NMRS

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