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**5, 15 and 15A Bonnington Road
Edinburgh**


Archaeological Evaluation

Report No. 3503

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1 INTRODUCTION

1.1 General

This report presents the results of an archaeological evaluation undertaken by CFA Archaeology Ltd (CFA) in January 2017 for a residential development at 5, 15, 15A Bonnington Road Lane, Edinburgh (NGR: NT 2616 7596, Fig. 1). The work was commissioned by Miller Homes.

An addendum (Addendum 1 dated 12 December 2016) to the Written Scheme of Investigation (WSI) (dated 31/08/16) covering this programme of works was produced by CFA on behalf of Miller Homes. The WSI was approved by the City of Edinburgh Council Archaeology Service CECAS.

1.2 Background

Planning permission (Ref. No. 15/05457/FUL) has been granted for a residential development consisting of 201 dwellings and two commercial spaces with associated parking and landscape works. The planning permission was subject to an archaeological condition requiring a standing building survey and a trial trenching evaluation. This report covers the results of the trial trenching evaluation. The standing building survey was undertaken in August 2016 and the results produced under separate cover (Cressey 2016).

The development area lies on the southern bank of the Water of Leith and forms part of the medieval estate of Bonnington, which was given to Holyrood Abbey on its foundation in 1128 by King David I. Lying within the development boundary is the site of St Cuthbert's Well, which is known to pre-date 1606. During the 18th century the well was a significant and highly popular tourist attraction due its alleged health properties and its location is marked on the 1853 1st Edition OS map. This feature disappeared during the second half of the 19th century (probably in 1857) when it was subsumed and built over by the expansion of Haig's Distillery. The distillery was later redeveloped by the Bonnington Flour Mills and during the early 20th century the Albion Boiler Works was established on the south side of the development area. The 1933 OS map depicts the boiler works as the Victoria Brass Foundry and the flour mill as the Midlothian Oatmeal Mills. These industries had gone by the mid-20th century, but the site continued in commercial use and, prior to demolition works for this development, contained a large steel-framed garage, offices and workshops.

Further details of history and development of the site are contained within a Desk-Based-Assessment (DBA) undertaken by CFA in 2015 (Hickman 2015). The DBA contained a map regression for the site showing the development of the site through the 19th and 20th centuries. This report should be read in conjunction with that report.

When this trial trenching evaluation was undertaken in January 2017, the (mostly later 20th century) buildings which had latterly occupied the site had been recently demolished and the area levelled. Due to the presence of numerous underground services, part of the site, including the location of St Cuthbert's Well, was unavailable for trial trenching.

1.3 Objectives

The project's aims and objectives were:

- To establish the presence/absence, extent, condition, character, quality and date of any archaeological features or deposits within the proposed development area through trial trenching evaluation.
- To establish the vulnerability of any archaeological features to the proposed development;
- To propose mitigation measures where appropriate to avoid, reduce or offset any predicted negative impacts on the archaeological resource.

2. WORKING METHODS

2.1 General

CFA Archaeology Ltd follows the Chartered Institute for Archaeologists' Code of Conduct, Standards and Guidance as necessary.

2.2 Evaluation

The site area is 10375m². Eleven trenches (Trench 1 to Trench 11, Fig. 1) were excavated with a total combined area of c.754m². (c.7.24% of the site). However, the site total area included part of Tinto Place and most of Ashley Place which were not going to be affected by development. It also included areas which were excluded from the evaluation due to the presence of services and these exclusion zones are shown on Fig. 1. The area excluded due to services around the eastern and northern sides of the site is shown as soft landscaping in the development plan because of the presence of the services. Based on the map regression the area around the centre of the site that was excluded was never heavily developed so evaluation was not likely to identify anything of significance.

Modern overburden was removed by a 360° 13-ton mechanical excavator equipped with 1.8m wide smooth-bladed ditching buckets. All groundbreaking work was carried out under constant archaeological supervision.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms.

The stratification of all excavated areas was recorded whether or not significant archaeological deposits were identified.

Trench positions were surveyed using industry standard electronic surveying equipment and all trenches were backfilled daily.

3. ARCHAEOLOGICAL RESULTS

3.1 General

On Figs. 2-3, the trenches are superimposed on historic maps from 1852 and 1933. In the text below, numbers in bold refer to contexts, a full list of which is contained in Appendix 2. All of the existing buildings, with the exception of an electricity substation had been demolished and hard surfaces removed prior to the evaluation. Pre-excavation views of the site are shown in Figs. 4-5.

The natural subsoil was in the main a creamy or orange-yellow sand, with localised areas of clayey sand.

3.2 Trial Trenching

All eleven trenches (Tr 1-11), (Figs. 1-3 & 6-16) contained features relating to earlier phases of development on the site including wall-footings, floors and cobbled surfaces. All of these features are considered to be 19th-20th century in date and largely relate to the industrial development of the site.

Trench 1

Trench 1 measured 10m by 10m and was excavated to natural sand at a depth of 0.9-1.4m (Fig. 17). Consultation of the early map editions suggested that this part of the area had been developed by 1908 (Ordnance Survey 1908) and was occupied by buildings associated with the Albion Boiler Works. Prior to the development of the Albion Boiler Works, this area was part of the formal garden associated with Bonnington House (Ordnance Survey 1852 (Fig. 2).

Beneath levelling deposits for the recently demolished buildings, an east to west aligned brick wall (101) with a width of 0.5m was identified. This wall had been constructed from frogged bricks stamped W. Hunter & Co Portobello. A second brick wall on a concrete foundation (103) was also identified, which had been constructed from bricks stamped Whitehill (The Whitehill brickworks was in production from c.1890-1950 and the W. Hunter brickworks was in production from 1873-1881). The location of wall 101 was broadly in line with a wall depicted on the 1852 OS map, but the date of the bricks would suggest it relates to the later Albion Boiler Works. At the base of the trench a number of shallow linear features (102) were identified cut into the natural (Fig. 18). These are of unknown origin but considered most likely to be features associated with Bonnington House gardens or the Adelphi Fruit & Flower Gardens shown on the 1852 / 1853 OS mapping.

Trench 2

Trench 2 (Figs. 7 & 19) measured 45m by 1.8m and was excavated to natural sand at a depth of 0.5-0.9m. It was located entirely within the footprint of the former Albion Boiler Works. The Albion Boiler Works was constructed within an area previously occupied by the grounds of Bonnington House and was shown on the 1908 OS map.

This trench contained a number of features probably associated with the Albion Boiler Works including brick features, possibly surfaces or upper parts of flues (201 & 202), (Fig. 20) and 210 (Whitehill and re-used unfrogged bricks), a stone wall foundation (203) (Fig. 20) and two concrete surfaces (204 & 206). A mortar bonded stone culvert (205) and a clay-piped drain (209) are probably earlier features associated with Bonnington House gardens as are a number of narrow cut linear features (207) (Fig. 21) which were similar in nature to 102.

Trench 3

Trench 3 (Figs. 8 & 22) measured 34m by 1.8m and was excavated to natural sand where possible at a depth of 1.2m. Information from early OS map editions suggested that it covers the area extending from a bonded store / warehouse (associated with Leith Distillery and later with Midlothian Oatmeal Mills) to the Albion Boiler Works and the earlier grounds of Bonnington House.

This trench contained a number of features including a brick wall foundation (301) (Fig. 23) (Hunter bricks), a narrow ditch (302) (Fig. 24) a recent brick and cement wall foundation (306), two mortar-bonded sandstone wall foundations (307) (Fig. 25) and 312 (Fig. 26), a concrete slab (308), a sandstone plinth (309), a single layer of bricks (310) (Prestongrange bricks), a further brick wall foundation (311) (Newbattle bricks), and a stone built culvert drain (313). Features 307-312 are considered most likely to relate to the bonded store, while Wall 301 was of the same construction as Wall 101 (Trench 1) and is considered likely to relate to the Albion Boiler Works. Wall 306 related to the recently demolished buildings which sat on a similar footprint to the earlier bonded store / warehouse.

The narrow ditch (302), the adjacent drain (304) containing a clay-pipe and the mortar-bonded stone culvert (313) are probably earlier features associated with Bonnington House gardens.

Trench 4

Trench 4 (Figs. 9 & 27-28) measured 44m by 1.8m and was excavated to natural sand where possible at a maximum depth of 1.2m. This trench was located almost entirely within the footprint of the bonded store associated with Leith Distillery.

A number of features were identified including mortared sandstone wall foundations (401, 403, 406, 412, 422 & 424) (Figs. 27 & 28). A mortar or plaster floor foundation (409) (Fig. 29) abutted wall 412. The trench also contained two sandstone plinths (418 & 419), the former (Fig. 30) was topped by a circular base for a metal column. Two brick wall foundations (410 & 415), and concrete surfaces (411 & 428) completed the features. The stone wall foundations and plinths are thought to relate to the bonded store. The brick walls were constructed from bricks stamped Whitehill which were produced between 1890 and 1950 and consequently are unlikely to have been part of the original fabric of the building (first depicted on 1852 Ordnance Survey Town Plan).

Trench 5

This trench (Figs. 10 & 31-32) measured 50m by 1.8m and was excavated to a maximum depth of 1.3m. The 1852 Ordnance Survey Town Plan depicted the location of this trench as largely consisting of open areas between buildings associated with Leith Distillery, extending into a building at its south-eastern end and clipping the south-western end of a building towards its north-western end. Subsequent OS maps (1877 onwards) produced after the distillery was redeveloped as a flour mill showed that the trench location was entirely built over when the distillery buildings were extended.

This trench contained a number of features probably belonging to a Distillery buildings and Mill buildings. These included a brick wall foundation (503) and sandstone wall foundation (506) on the same alignment, a further brick wall foundation (515), a brick surface (517) (Fig. 33) (Hunter Portobello and Livingston Portobello bricks), a mortared stone wall foundation (518), a concrete surface (519), sandstone slabs surface (520) (Fig. 34), a further stone wall foundation (521), and a cobbled surface (522). A Culvert (502) may have been a pre-industrial drainage feature, or it could have simply been to drain the area constructed before the buildings themselves. A few other cut features (504, 509, 511 & 513) of unknown provenance were identified.

Trench 6

Trench 6 (Figs. 11 & 35-36) measured 50m by 1.8m and was excavated to a max depth of c.2m. The 1852 Ordnance Survey Town Plan and subsequent editions suggested that the north-western end of this trench cut across buildings associated with the Distillery and laterally the Mill and the remainder across a courtyard area.

The main feature identified within this trench consisted of the south-western end of the building depicted on OS mapping from 1852. It consisted of mortared sandstone wall foundations (602), 1m wide and surviving to a depth of 1.35m. The internal features consisted of the remains of a flagstone floor (603), and a brick-lined pit (presumably for some form a machinery) (604) formed from Hunter Portobello and Livingston Portobello bricks. A semi-circular recess had been cut into the face of wall 602 within the pit (Fig. 37) to accommodate something like a piece of machinery. Beyond the footprint of the building, cobbled yard surfaces (601 and 605) were identified at the north-western and south-eastern ends of the trench.

Trench 7

Trench 7 (Fig. 12) measured 44m by 1.8m and was excavated to a depth of 0.8m. This trench was excavated in the location of the bonded store depicted on the 1852 Ordnance Survey Town Plan.

At the western end of the trench, outside the area of the bonded store, four shallow cut drains (701, 703, 705 & 707) were filled with pebbles, ash and broken pantiles. Underlying the sandstone wall foundation of the bonded store (709) were the terminals of two very similar features (711 & 713) (Fig. 38) containing shale, ash and stone fragments. No finds were recovered. Several of the bonded store's internal wall

foundations (715, 717 & 724) were recorded. All of these walls were of mortar bonded sandstone construction. The remains of a mortar floor foundation (716) was recorded between walls 715 and 717 (Fig. 39). The bonded store building was almost directly overlain by one of the recently demolished 20th century buildings (710).

Trench 8

Trench 8 (Figs. 13 & 40) measured 29m by 1.8m and was excavated to a maximum depth of 1.3m. This trench was excavated across part of the main western building associated with Leith Distillery and laterally the Mills. The later 1877 Ordnance Survey Town Plan depicted a tar tank towards the western end of this trench, but it was not shown on the 1894 town plan. The 1933 map showed an extension to the neighbouring Bonnington Iron Works at the extreme western end of the trench.

Two sandstone wall foundations (802) (Fig. 41) and (827) are thought to represent the main external walls of the distillery. Within the interior of the distillery building there were three sandstone and mortar plinths or column bases (811, 812 & 813) with associated construction cuts (809 & 810) (Fig. 42), a square concrete base (825) and a tar coated floor (826). To the west of the mapped extent of the distillery building (at the west end of the trench), several features associated with the remains of the tar tanks depicted on the 1877 Ordnance Survey map were identified including brick structures (828, 833 & 835) (Fig. 43) and solidified tar deposits (829 and 836). The Bonnington Chemical Works dealt with the by-products from Edinburgh's gas-works, of which coal-tar formed a significant proportion so it is likely the tar was associated with this operation.

Trench 9

Trench 9 (Fig. 14) measured 26.5m by 1.8m and was excavated to a maximum depth of 1.8m. The 1852 Ordnance Survey Town Plan depicted the location of this trench extending from the westerly building associated with the Leith Distillery and laterally the Mill across one of the eastern buildings associated with the Bonnington Chemical Works. The Chemical Works building appeared considerably altered on the 1877 OS Town Plan having been replaced by a number of much smaller units. Subsequent editions indicated that these buildings were demolished and replaced by an open yard area traversed by a railway line.

The features identified within this trench consisted of a sandstone wall foundation (907), probably representing the western wall of the Leith Distillery building. The internal features to the north-east of this consisted of two stone plinths (904) (Fig. 44) and (913), and a tarmac surface (912). To the south-west of wall 907 were a number of features (Figs. 45-46) presumably associated with the Bonnington Chemical Works. These consisted of brick walls (908, 909 & 922) and brick surfaces (901-903, 910 & 924). These features are considered most likely to relate to the buildings depicted on the 1852 & 1877 OS Town Plans.

Trench 10

Trench 10 (Figs. 15 & 47) measured 5m by 1.8m and was excavated down to the surfaces associated with the mill at a depth of 0.8m. A test-pit measuring 3m by 1.8m was then excavated through these surfaces to a depth of c.4m. The 1852 Ordnance Survey Town Plan depicted the location of this trench as an empty open area a little to the south of the mapped location of St Cuthbert's Well, but later Ordnance Survey editions indicate that this area had been occupied by buildings associated with Bonnington Mill.

The features identified within this trench consisted of a mortared sandstone wall foundation (1002), probably representing part of the external wall of Bonnington Mill. To the north-west of this wall was an external cobbled surface (1003) and to the south-east there was an internal floor surface consisting of sandstone paving (1001) (Fig. 47). The test-pit cut through the external cobbled surface and identified that these had been constructed on top of railway sleepers laid on an ash ballast deposit (1005) which overlay made ground (1004) and building rubble (1006) at a depth of 2m (Fig. 48). The ash and railway sleepers are assumed to be part of a railway line shown in 1933 and if this is the case, the cobbles above must have been laid after this. By extension this would suggest that the cobbles at the northern ends of Trenches 5 & 6 were also probably post 1933. Waterlogged natural sand with a strong hydrocarbon smell was identified within the test-pit at a depth of c.3.3m.

Trench 11

Trench 11 (Figs. 16, 49) measured 34.5m by 1.8m and was excavated to a depth of 0.8m. The 1852 Ordnance Survey Town Plan suggests that the location of the trench lay entirely within one of the buildings associated with the Bonnington Chemical Works. This was also largely the case on the 1877 OS Town Plan, but the building appeared to have undergone a considerable degree of alteration having been replaced by a number of smaller units. On the 1894 plan these smaller units are no longer depicted and the trench lies within a largely open space. Subsequent editions indicate that these buildings were demolished to make way for a railway line leading to the Bonnington Iron Works.

This trench contained numerous features including brick wall foundations (1102 & 1103) (Fig. 50), (1120) (Fig. 54), (1125 & 1127) (Fig. 55) and (1132) (Fig. 57) brick surfaces (1101 & 1115) (Fig. 52), a flue system (1104 & 1108) (Fig. 51) and (1126) (Fig. 56), brick/stone structures (1110 & 1113), and two buried metal containers (1116 & 1122). One of these (1116) (Fig. 53) was tar lined or tar filled and the other was represented by a circular rusty stain (1123). A tar lining/filling was also identified in association with a brick and stone built feature (1110) and there were also a number of other tar deposits (1128, 1135 and 1139) identified elsewhere within the trench. The Bonnington Chemical Works dealt with the by-products from Edinburgh's gas-works, of which coal-tar formed a significant proportion. These features are considered most likely to relate to the buildings depicted on the 1852 & 1877 OS Town Plan.

4. CONCLUSIONS

An archaeological trial trenching evaluation was carried out in advance of a residential development at 5, 15, 15A Bonnington Road Lane, Edinburgh.

In the northern part of the site within around 1m of the site surface a range of wall foundations, internal and external floor surfaces and sub-surface features related to a mix of the Leith Distillery, the later Bonnington Mills, the Midlothian Oatmeal Mills and the Bonnington Chemical Works were identified. These former buildings had been subject to extensive demolition, the surviving walls were foundations courses only and were level with the internal and external surfaces where these survived. The surviving remains matched up well with the OS mapping for the area and indicate a date range for these features from mid 19th to early-mid 20th Century. Given the close relationship between the surviving remains and the mapped remains it is considered that further archaeological work would add little to what is already known.

The assumed location of St Cuthberts Well was inaccessible due to the presence of modern services (High Voltage Electricity and Fibre Optic cables). Generally such service are buried c. 0.75m below the ground and the current development layout acknowledges the presence of these and this area will only be subject to shallow depth soft landscaping.

To the south the remains of the Albion Boiler Works and the later Victoria Brass Foundry (early 20th century) are very limited and represented by occasional sub floor features. Extensive truncation has taken in this area, including the removal of the concrete floor slab of the building. From the evaluation there appears to be nothing that any further archaeological work would usefully add to what is known. Very limited remains of the bonded warehouse that once stood in this location were represented by occasional shallow sandstone wall foundations and in a couple of locations mortar bedding deposits presumably for floor surfaces. Modern brick on concrete walls also survived in this area confirming that the recently demolished buildings (D-F) (Cressey 2016) did occupy the footprint of the 19th century bonded stores. Again the results of the evaluation indicate that there is nothing of any further archaeological interest in this area as limited internal features and surfaces survive and the wall lines are shown on the OS mapping. We also know that the function of the building was a warehouse.

A few garden features, probably planting features, and drains which may be elements of Bonnington House gardens also survive in the southern area.

All decisions as to further work on the site rest with CECAS.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with Historic Environment Scotland and copies of reports will be lodged with the City of Edinburgh Council Sites and Monuments Record.

On completion of this project, a summary statement will be submitted for publication in *Discovery and Excavation in Scotland* and will also be reported on through *OASIS Scotland*.

5. REFERENCES

Bibliographic

Cressey, M, 2016, *Bonnington Road Lane, Edinburgh, Standing Building Survey CFA Data Structure Report No. 3480* (unpublished)

Hickman, S, 2015 *Bonnington Road Lane, Edinburgh, Desk-based Assessment CFA Data Structure Report No. 3368* (unpublished)

Cartographic

Ordnance Survey 1852 *Edinburgh Town Plan* sheet 16, 1:1056.

Ordnance Survey 1876 *Edinburgh Town Plan* sheet 16, 1:1056.

Ordnance Survey 1894 *Edinburgh Town Plan* sheet III.4.1, 1:500.

Ordnance Survey 1908 *Edinburghshire* sheet 003.04, 25 inches to 1 mile.

Ordnance Survey 1914 *Edinburghshire* sheet 003.04, 25 inches to 1 mile.

Ordnance Survey 1933 *Edinburghshire* sheet 003.04, 25 inches to 1 mile.

Internet

www.scottishbrickhistory.co.uk

APPENDIX 1: Photographic Register

Photo	Contexts/Description	Taken From
1	General site view	SW
2	General site view	S
3	General site view	S
4	General site view	W
5	General site view	NE
6	General site view	E
7	Trench 1, Feature (102) pre- ex	SE
8	Trench 1, Feature (102) pre- ex	SW
9	Trench 1, Feature (102) pre- ex	SW
10	Trench 1, Wall (101) elevation	SE
11	Trench 1, Wall (101) showing stepped foundations	SW
12	Trench 1, Wall (101) showing stepped foundations	SW
13	Trench 1, Wall (101) elevation with metal pipe alongside	NW
14	Trench 1, Wall (103) on concrete foundation.	NE
15	Trench 1, Wall (103) plan view	NW
16	Trench 1, Feature (102)	SE
17	Trench 1, Feature (102)	SE
18	Trench 1 general view	SW
19	Trench 1 general view	S
20	Trench 1 general view	SW
21	Trench 2, view NW along culvert (205)	SE
22	Trench 2 general view	NE
23	Trench 2, features (201) to (204)	NE
24	Trench 2, features (202, 203 & 204)	SE
25	Trench 2- Feature (204)	SE
26	Trench 2- features (201) & (211)	SE
27	Trench 2, features (201) & (202)	NW
28	Trench 2, general view of E end	W
29	Trench 2, general view of E end	W
30	Trench 2, Whitehill brick impression on concrete (204)	SE
31	Trench 2, Culvert (205)	NE
32	Trench 2, water service at 0.9m depth beneath surface	NE
33	Trench 2, water service at 0.9m depth beneath surface	NE
34	Trench 2, Feature (206)	NE
35	Trench 2, Feature (207)	SW
36	Trench 2, clay pipe drain	NW
37	Trench 2, Features (210, 214 & 215)	NW
38	Trench 2 – NW-facing section showing brick feature (210)	NW
39	Trench 2 general view	SW
40	Trench 3, wall 301 and features 302, 304	NW
41	Trench 3, and features 302, 304	SW
42	Trench 3, general view	SE
43	Trench 3, general view	SE
44	Trench 3, general view	SE
45	Trench 3, wall (301)	W
46	Trench 3, wall (301)	N
47	Trench 3, SW- facing section showing features (302 & 304)	W
48	Trench 3, SW- facing section showing features (302 &	W

	304)	
49	Trench 3, Rusted service pipe	N
50	Trench 3, Modern feature (306)	S
51	Trench 3, general view of modern wall (306)	ENE
52	Trench 3, general view of modern wall (306)	NE
53	Trench 3, general view of modern wall (306)	NE
54	Trench 3, feature (308)	SE
55-56	Trench 3, Concrete foundation (308) and plinth (309)	SW
57	Trench 3, sandstone plinth (309)	NW
58	Trench 3, brick surface (310)	NW
59	Trench 3, walls (311) & (312)	SW
60	Trench 3, walls (311) & (312)	E
61	Trench 3, general view	NW
62	Trench 3, culvert (313)	SE
63	Trench 3, culvert (313)	SE
64	Trench 3, culvert (313)	SW
65	Trench 3, culvert (313) internal view	NE
66	Trench 4 general view	NE
67	Trench 4 general view	NE
68	Trench 4 sandstone structure (401)	SW
69	Trench 4 wall (403) elevation	NE
70	Trench 4 wall (403) elevation	SE
71	Trench 4 wall terminal (404)	NW
72	Trench 4 wall terminal (405)	SE
73	Trench 4 wall terminal (405)	S
74	Trench 4 wall (406)	NW
75	Trench 4 concrete pipe cover (407)	NE
76	Trench 4 brick toby surround	S
77	Trench 4 mortar surface (409)	NE
78	Trench 4 mortar surface (409)	NE
79	Trench 4 brick wall (410)	SE
80	Trench 4 brick wall (410) overlying surface (409)	NE
81	Trench 4 concrete surface (411)	NE
82	Trench 4 general view	SW
83	Trench 4 mortar surface (409)	SW
84	Trench 4 wall (412)	SE
85	Trench 4 slabs (413) & wall (412)	SW
86	Trench 4 slabs (413) & wall (412)	SW
87	Trench 4 slab (414), wall (415) & cable trench (416)	SE
88	Trench 4 slab (414), wall (415) & cable trench (416)	SE
89-90	Trench 4 plinth (418) showing detail of moulded top	E
91	Trench 4 plinth (418)	NE
92	Trench 4 plinth (419)	SE
93	Trench 4 plinth (419)	SW
94	Trench 4, feature (420)	NW
95	Trench 4, wall (422)	NE
96	Trench 4, wall (422)	SE
97	Trench 4, wall (424)	W
98	Trench 4, wall (424)	SW
99	Trench 4, wall (424)	SE
100	Trench 4, wall (422)	SE
101	Trench 4, wall (424)	SE
102	Trench 5, general view	SE

103	Trench 5, post-hole (504) pre-ex	NE
104	Trench 5, brick wall (503) elevation	NE
105	Trench 5, brick wall (503) elevation	NE
106	Trench 5, join between (503) and (506)	NE
107	Trench 5 culvert (501)	SE
108	Trench 5, ditch (511)	SW
109	Trench 5, ditch (511)	SW
110	Trench 5, culvert (501) terminal	SE
111	Trench 5, culvert (501)	NW
112	Trench 5, ditch (513) section	SW
113	Trench 5, ditch (513) section	SW
114	Trench 5, wall (506)	NE
115	Trench 5, brick wall (515) and surface (519)	SE
116	Trench 5, brick wall (515) and surface (519)	SE
117	Trench 5, brick wall (515) and surface (519)	SE
118-119	Trench 5, surface (519)	SE
120	Trench 5, concrete surface (519) including metal tie bar & mounts	NW
121	Trench 5, concrete surface (519) including metal tie bar & mounts	NW
122	Trench 5, concrete surface (519) including metal tie bar & mounts	NW
123-129	Trench 5 stone surface (520) showing set-in stone moulding/mounts	NW
130	Trench 5 stone wall (521)	SE
131	Trench 5 stone wall (521) and surface (520)	SW
132	Trench 5 stone wall (521) and surface (520)	NW
133	Trench 5 cobbled surface (522)	S
134	Trench 5 general view	N
135	Trench 5 surface (520)	NW
136	Trench 5 wall (521) & surfaces (520 & 522)	SW
137-138	Trench 5 culvert structure (502)	SE & NW
139	Trench 5, culvert structure (502)	SW
140	Trench 5 section	SW
141	Trench 5 section	SW
142	Trench 6 cobbled surface (601)	SE
143	Trench 6 cobbled surface (601) plan view	SE
144	Trench 6 cobbled surface (601) N end	SE
145	Trench 6 Drain in cobbled surface (601) and wall (602)	SE
146	Trench 6, general view of building remains in NW end of trench	SE
147	Trench 6, paving (603) and pit (604)	SE
148	Trench 6, Brick lined pit (604)	NW
149	Trench 6, Brick lined pit (604)	NW
150	Trench 6, base of pit (604)	NW
151	Trench 6, pit (604) plan view	NE
152	Trench 6, Wall (602) showing foundations	SSE
153	Trench 6, wall (602) & Paving (603)	SW
154	Trench 6, wall (602) & Paving (603)	W
155	Trench 6, Cobbled surface (605)	SE
156	Trench 6, general view of N end	NW
157	Trench 6, section showing paving (605)	SW
158	Trench 6, brick pit lining (604)	NW

159	Trench 6, Brick pit (603)	NW
160	Trench 6, Recess in wall (602)	E
161	Trench 6, features (602, 603 & 604)	NE
162	Trench 6, general view	SE
163	Trench 6, general view	SW
164-165	Trench 6, Pit (604)	NNE
166	Trench 7, mortar surface (716)	W
167-168	Trench 7, general view	W
169	Trench 7, drain (701)	N
170	Trench 7, drain (707) running underneath wall (709)	N
171	Trench 7, features (709, 710, 711 & 713)	S
172	Trench 7, Walls (709 & 710) and pit (713)	S
173	Trench 7, Walls (709 & 710) and pit (713)	S
174	Trench 7, Wall (715) elevation	W
175	Trench 7, Wall (715) plan view	N
176	Trench 7, General view of walls (715 & 717) and surface (716)	WSW
177	Trench 7, Wall (717) and surface (716)	NW
178	Trench 7, Pit (711) abutting wall (715)	SW
179	Trench 7, Features (718 & 720)	SE
180	Trench 7, Features (721 & 723)	NE
181	Trench 7, wall (724) elevation	SW
182	Trench 7, wall (724) elevation	SW
183	Trench 7, Features (724, 725 & 726)	NE
184	Trench 7, general view	NE
185	General view of site	N
186	General view of site	E
187	General view of site	SE
188	Trench 7, Section of pit (711)	SE
189	Trench 7, Section of pit (711)	SE
190	Trench 7, Features (709 & 710)	SW
191	Trench 7, Features (709, 710, 711 & 713)	E
192	Trench 7, section showing wall (715) and feature (731)	NW
193	Trench 7, wall (717) elevation	NE
194	Trench 7, pit (721) and stone setting (722)	NW
195	Trench 8 working shot	WSW
196	Trench 8 general view	ENE
197	Trench 8 cobbles/setts (801)	WSW
198	Trench 8 wall (802 & 804) & pipe (803)	ENE
199	Trench 8 wall (802 & 804) & pipe (803)	E
200	Trench 8 cut for wall (802)	SSE
201	Trench 8 cut for wall (802)	SSE
202	Trench 8 wall (802) elevation	WSW
203	Trench 8 wall (802) elevation	WSW
204	Trench 8 wall cut (809)	ENE
205	Trench 8 wall cut (809) & structure (811)	WSW
206	Trench 8 cut (810)	N
207	Trench 8 cut (809) & plinths (811 & 812)	S
208	Trench 8, features (808, 809 & 812)	S
209	Trench 8 plinth (811) base in cut (809)	S
210	Trench 8 pipe (820)	N
211	Trench 8 pipe (822)	S
212	Trench 8 concrete base (825)	E

213	Trench 8, concrete base (825)	E
214	Trench 8 tarred surface (826) and wall (827)	E
215	Trench 8, tarred surface (826) and wall (827)	E
216	Trench 8, tarred surface (826) and wall (827)	S
217	Trench 8, tarred surface (826) and wall (827) plan view	S
218	Trench 8, wall (827) elevation	W
219	Trench 8, general view	W
220	Trench 8, general view of tar pit structures	W
221	Trench 8, feature (835)	S
222	Trench 8, features (833, 828 & 832)	W
223	Trench 8, features (828 & 829)	S
224	Trench 8, features (828 & 829)	S
225	Trench 8, features (828 & 829)	S
226	Trench 9, brick floor (901)	NE
227	Trench 9, brick floor (901)	NE
228	Trench 9, plinth (913)	NE
229	Trench 9, wall (907) elevation	SW
230	Trench 9, wall foundation (908) plan view	SW
231	Trench 9, brick floor (910) & wall (908)	NE
232	Trench 9, brick walls (908) & (909)	E
233	Trench 9, brick walls (908) & (909)	ESE
234	Trench 9, brick wall (908) plan view	E
235	Trench 9, gap between walls (908) & (909)	SE
236	Trench 9, gap between walls (908) & (909)	SE
237	Trench 9, surface (911) overlying wall (907)	NW
238	Trench 9, tarmac surface (912)	E
239	Trench 9, Plinth base (913)	E
240	Trench 9, brick walls (908), (909) & (922)	NE
241	Trench 9, brick walls (908), (909) & (922)	SE
242	Trench 9, features at W end	W
243	1.8m wide excavator bucket for scale reference	
244	Trench 9, brick features at W end	NE
245	Trench 9, section showing features (924) & (927)	SE
246	Trench 9, general view	SW
247	Trench 9, general view	SW
248	Trench 9, plinth (904)	NE
249	Trench 9, plinth (904)	S
250	Trench 9, general view	E
251	Trench 10, general view	S
252	Trench 10, plan view	E
253	Trench 10, test- pit section	S
254-257	Trench 10, test- pit section	S
258-259	Trench 11, Flue (1126)	NW
260	Trench 11, general view	S
261	Trench 11, general view	NW
262	Trench 11, general view	NW
263	Trench 11, general view	SW
264	Trench 11, general view	SW
265	Trench 11, brick surface (1101) plan view showing brick wall (1102)	SE
266	Trench 11, flue (1104) detail	SE
267	Trench 11, flue (1104) detail	SE
268	Trench 11, flue (1104) plan	SE

269	Trench 11, wall (1102) elevation showing features (1106 & 1107)	NW
270	Trench 11, flue (1108) top detail	SW
271	Trench 11, section showing flue (1108)	SW
272	Trench 11, structure (1110)	E
273	Trench 11, square feature (1111)	W
274	Trench 11, General view showing features (1101) to (1112)	NW
275	Trench 11, General view of the centre of the trench	S
276	Trench 11, possible flue (1113)	SE
277	Trench 11, possible flue (1113)	S
278	Trench 11, brick surface (1115) detail	SW
279	Trench 11, circular pit (1116)	W
280	Trench 11, circular pit (1116) plan view showing tar lining (1117)	SW
281	Trench 11, brick wall (1120) & culvert/flue (1121)	E
282	Trench 11, wall (1120), flue (1121) & pit (1122)	SE
283	Trench 11, Pit (1122)	SE
284	Trench 11, Pit (1122)	SE
285	Trench 11, detail of pit lining (1123)	E
286	Trench 11, brick wall (1125)	SSE
287	Trench 11, wall (1125)	SSE
288	Trench 11, section showing deposits overlying flue (1126)	SW
289	Trench 11, flue (1126) plan view	SW
290	Trench 11, brick alignment (1130)	NE
291	Trench 11, Features (1132) & (1135)	NE
292-293	Trench 11, General view of features in NW end	NW
294	Trench 11, culvert/flue 1121	NE
295	Trench 11, culvert/flue 1121	SW

APPENDIX 2: Context Register

Context	Fill of	Trench	Description
001			Natural
101		1	Mortar bonded wall constructed with "Hunter Portobello" stamped bricks. 0.5m wide increasing to 0.6m at base
104	102	1	Deposit of dark grey& black silty/ sandy clay containing pantile fragments
102		1	Cut of shallow feature aligned N-S; 0.6m- 0.7m wide, 0.1m deep
103		1	Concrete foundation with "Whitehill" stamped bricks laid above foundation; 0.55m wide, 2.3m long
105		1	Mixed demolition rubble made ground
106		1	Dark grey& black silty/ sandy clay containing pantile fragments
201		2	Upper course of brick surface
202		2	Lower course of brick surface
203		2	Stone wall abutting brick surface (201)
204		2	Concrete surface on the SW side of (203)
205		2	Culvert constructed of mortar bonded stone
206		2	Modern concrete surface, likely the base of a diesel tank.
207		2	Cut for narrow & closely spaced feature aligned E-W
208	207	2	Mid grey and black mottled sandy silt fill of (207)
209		2	Clay pipe drain
210		2	Modern brick surface constructed with re-used bricks
211		2	Fine pale grey sand overlying (201)
212		2	Mid brown sand/fine rubble fragments separating (201) & (202); 0.15m in depth.
213		2	Deposit of sandy mixed rubble made ground
214		2	Dark greyish brown buried silty topsoil; 0.25m in depth
215		2	Light greyish brown silty sand buried subsoil; 0.25m in depth
301		3	Mortar bonded wall constructed with "Hunter" stamped bricks; 5 courses high, 0.5m wide
			Cut for possible feature, 0.6m wide; likely demolition disturbance.
302		3	Cut for shallow linear feature aligned E-W; 0.5m wide
303	302	3	Yellowish grey/black mottled sandy silt fill of (302) - cut by modern pipe trench (304)
304		3	Cut of modern pipe trench; 0.8m wide, 0.25m depth to pipe
305	304	3	Ceramic service pipe and mixed sandy clay/rubble backfill in cut (304)
306		3	Modern brick & cement wall, abutting a metal service pipe on S side
307		3	Mortar bonded sandstone wall aligned N-S; running under

			modern wall (306); same as (401)
308		3	E-W aligned concrete slab, likely a foundation, with “Prestongrange” stamped bricks roughly coursed above.
309		3	Sandstone plinth adjoining concrete (308)
310		3	Single course of roughly laid bricks
311		3	Brick wall aligned E-W
312		3	Mortar bonded sandstone wall N-S. Possible remains of the former bonded warehouse
313	314	3	Culvert constructed of sandstone slabs aligned E-W.
314		3	Cut for culvert (314)
315		3	Deposit of demolition rubble
316		3	Deposit of dark grayish black clayey sand – possibly a buried subsoil or leveling layer
317		3	Light grayish brown clayey sand with black mottling – likely a buried subsoil
318		3	Deposit of mortar on W side of wall (312)
319		3	Deposit of coal & cinders on E side of wall (312)
401		4	Mortared sandstone wall stub. Constructed on layer (317), same as/continuation of (307).
402		4	Light grayish brown clayey sand with black mottling – likely a buried subsoil
403		4	Mortar bonded sandstone wall; 0.5m width x 0.4m height
404		4	Possible wall terminal on S edge of trench
405		4	Possible wall terminal on N side of trench.
406		4	Mortar bonded sandstone wall aligned E- W; Abutts wall (405); 0.7m width x 0.2m height
407		4	Concrete pipe capping. Cuts wall (406)
408		4	Brick toby surround/service access point. 0.4m wide x0.45m long
409		4	Lime mortar floor surface overlain by wall (410) and concrete deposit (411)
410		4	Brick wall; one course in height, 0.43m wide
411		4	Concrete deposit – likely remains of a floor surface
412		4	Mortared sandstone wall; 0.55m width and 0.45m height
413		4	Sandstone slabs abutting wall (412) on the W side
414		4	Concrete slab; 0.8m long x 0.7m wide
415		4	Concrete foundation& wall constructed from “Whitehill” stamped bricks; cut by cable trench (416)
416		4	Electric cable trench. Cuts (415)
417	416	4	Cap slabs for cable trench, stamped with “Danger” notices
418		4	Sandstone plinth with circular column base 1.1m length x 0.9m width x 0.5m height
419		4	Sandstone plinth base 0.9m length x 0.5m high
420		4	Cut for electric cable
421	420	4	Sand backfill & concrete capping slabs in cable trench
422		4	Mortar bonded sandstone wall aligned N-S; 0.7m width x 0.6m height
423		4	Deposit of demolition rubble between walls (422)& (424)
424		4	Mortar bonded sandstone wall; 0.6m width x 0.5m height

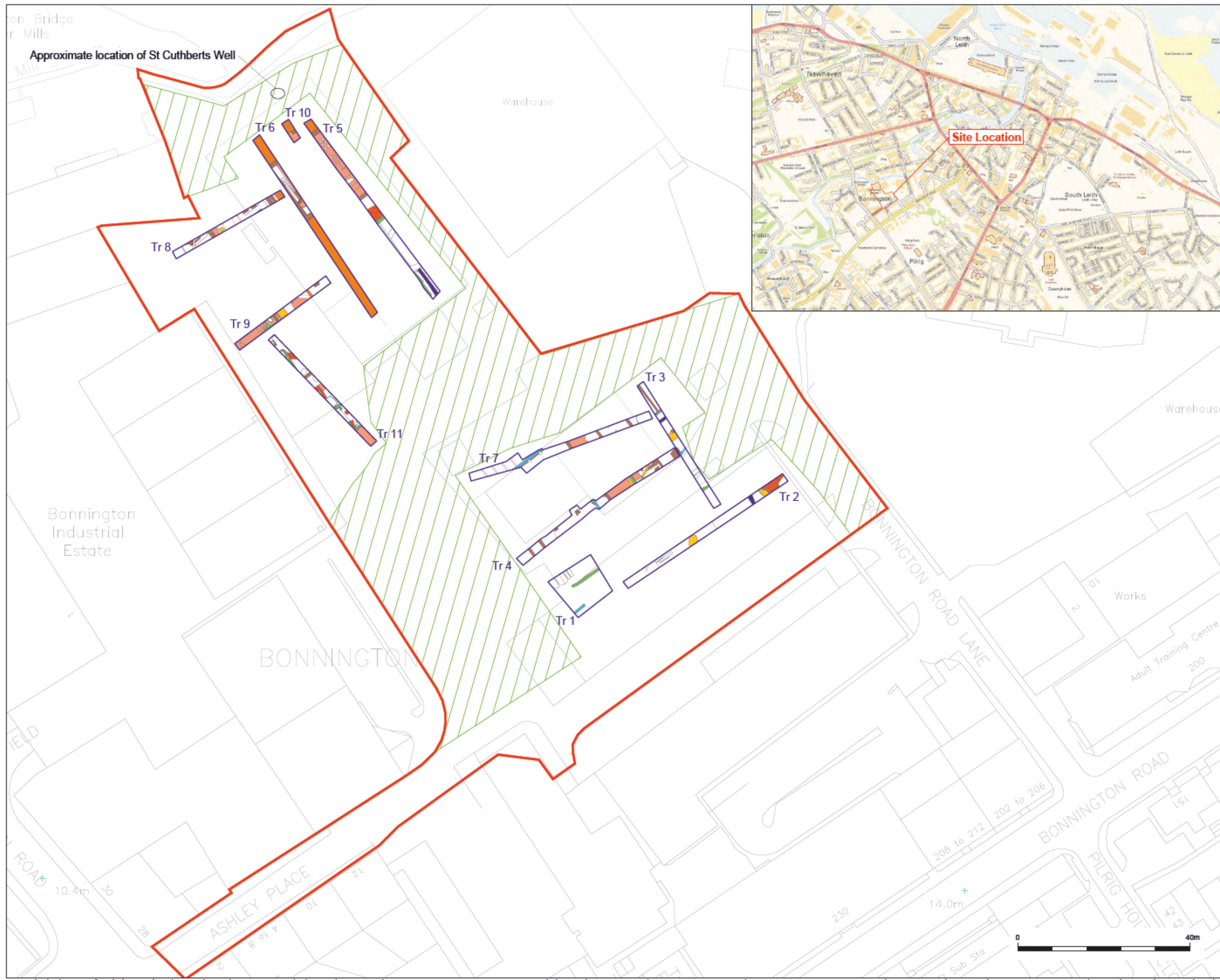
425		4	Deposit of demolition rubble
427		4	Concrete slab
501		5	Cut for culvert
502		5	Brick and sandstone slab constructed culvert
503	507	5	Brick wall – later continuation of (506)
504		5	Cut for irregular shaped feature
505		5	Deposit of greyish black silty sand including coal fragments
506	508	5	Stone constructed wall; extended by brick wall (503)
507		5	Cut for brick wall (503)
508		5	Cut for stone wall (506)
509		5	Cut for ditch at N end of culvert (501)
510	509	5	Mixed sand, ash, coal& silt fill of (509)
511		5	Cut for possible ditch Abutting 501
512		5	Deposit of mixed sand, ash, coal& silt
513		5	Cut for ditch
514		5	Mid orangey brown silty sand including coal fragments
515		5	Wall constructed with unstamped bricks; aligned E-W
516		5	Cut for wall (515)
517		5	Surface constructed from “Hunter Portobello” bricks and roughly laid cobble stones – possible a kiln floor
518		5	Mortar bonded sandstone wall
519		5	Concrete surfaces at South end of Trench 5
520		5	Sandstone slabbed surface
521		5	Stone wall at N end of surface (520)
522		5	Cobble surface on N side of surface (521)
523		5	Deposit of mid brown sandy clay – possible buried subsoil
524		5	Modern demolition mortar & rubble overlying buried features
525		5	Deposit of grayish brown mixed sandy clay and rubble fragments – possible buried subsoil under demolition layers
526		5	Moulded attachment points set into surface (520)
601		6	Cobble surface at S end of Trench 6
602		6	Mortar bonded sandstone wall
603		6	Paving slabs laid on mortar (609)
604		6	Brick lined of pit cut into (606)
605		6	Cobble surface to N of (602)
606		6	Broken sandstone& mortar f foundations (602). Brick-lined pit (604) is set within these
608		6	Rubble fill of brick pit (604)
609		6	Deposit of mortar underlying paving (603)
610		6	Type1 gravel surface
611		6	Gravel, tarmac & hardcore made ground layer
612		6	Crushed brick, gravel & compact silt overlying archaeological features

701		7	Cut of drain
702	701	7	Fill of drain cut; loose tile, pebbles, ash & 19th century pottery fragments
703		7	Cut of drain
704	703	7	Fill of drain cut; loose tile, pebbles, ash & 19th century pottery fragments
705		7	Cut of drain
706	705	7	Fill of drain cut; loose tile, pebbles, ash & 19th century pottery fragments
707		7	Cut of drain
708	707	7	Fill of drain cut; loose tile, pebbles, ash & 19th century pottery fragments
709		7	Mortar bonded stone wall
710		7	Concrete & brick foundations overlying (709)
711		7	Cut of linear pit/ditch
712	711	7	Black shale, ash & stone fragment fill of (711)
713		7	Cut of pit/ ditch, c. 4m east of feature (711)
714	713	7	Black shale, ash & stone fragment fill of (713)
715		7	Mortar bonded sandstone wall aligned N-S
716		7	Mortar surface
717		7	Mortar bonded sandstone wall aligned N-S
718		7	Foundation cut for plinth (719)
719		7	Sandstone blocked base of plinth
720	718	7	Mixed rubble/clayey sand fill of plinth foundation cut (718)
721		7	Foundation cut for plinth (722)
722		7	Sandstone blocked base of plinth
723		7	Mixed rubble/clayey sand fill of plinth foundation cut (721)
724		7	Wall aligned N-S
725		7	Concrete floor slab
726		7	Modern demolition rubble
727		7	Deposit of greenish brown clayey silt with ash& coal inclusions
728		7	Deposit of greenish brown clayey silt with ash& coal inclusions
730		7	Deposit of ash and cinders at ground surface level, W end of trench
801		8	Cobble deposit at E end of trench
802		8	Mortar bonded sandstone wall; 0.9m wide
803		8	Clay pipe fragments and ash deposit on E side of wall (802)
804		8	Mortar bonded sandstone wall on E side of deposit (803).
805	807	8	Lower fill of (807). Mixed stone fragments and ash/clayey sand
806	807	8	Upper fill of (807). Re-deposited broken stone and mortar fragments
807		8	Foundation cut for (802); 0.8m deep, 0.6m wide
808		8	Deposit of dark brown silty sand. Cut by (807), (809),

			(810)
809		8	Cut for stone structures (811) & (812)
810		8	Cut for stone structure (813)
811	809	8	Sandstone slab base of plinth
812	809	8	Sandstone slab base of plinth
813	810	8	Sandstone slab base of plinth
814	809	8	Yellowish brown sand and rubble frgments; fill of plinth foundation cut (809)
815	810	8	Yellowish brown sand and rubble frgments; fill of plinth foundation cut (810)
816		8	Mixed mortar and stone layer overlying (811), (812), and (806)
817		8	Deposit of brick fragments, mortar and clayey sand
818		8	Deposit of brick fragments, mortar and clayey sand
819		8	Modern Type 1 and leveling/rubble material
820		8	Cut for modern pipe
821		8	Black plastic pipe in (820)
822		8	Cut for modern pipe (824). Same as 922 in Trench 9
823	822	8	Yellowish brown sand fill of (822)
824	822	8	Modern large clay pipe
825		8	Square concrete surface – likely base for tank or hardstanding
826		8	Tar floor surface
827		8	Sandstone wall.
828		8	Brick wall with demolished gaps. Same as (833)/(835)
829		8	Deposit of tar-like material
830		8	Demolition rubble layer
831		8	Cut for cast-iron pipe
832		8	Cast-iron pipe
833		8	Brick structure of tank. Same as 828/835
834		8	Layer of compact tar-like material
835		8	Brick structure visible in trench section. Same as 828/833
836		8	Tar-like material – possible spillage/overflow from brick tank 833/828
837		8	Compact mix of mortar, soil& small stones overlying (816)
901		9	Brick floor surface
902		9	Same as 901
903		9	Same as 901
904		9	Mortared sandstone plinth
905		9	Demolition rubble layer comprising bricks, mortar and pantile fragments overlying (910)
906		9	Sandstone wall foundation. Demolished to floor level
907		9	Sandstone wall; 0.6m in height, runs adjacent to (906)(906)
908		9	Brick wall, S side of trench
909		9	Brick wall, N side of trench

910		9	Brick floor surface abutting (906)
911		9	Concrete surface overlying (907)
912		9	Tarmac floor/surface deposit
913		9	Sandstone plinth base abutted by 912
914		9	Cut for modern drain
915	914	9	Gravel backfill & clay pipe within cut (914)
916		9	Concrete foundation for modern building
917		9	Re-deposited mixed clayey sand overlying base of (904)
918		9	Yellow- brown re-deposited natural sand overlying (917)
919		9	Layer of demolition rubble overlying (904)
920		9	Cut for large modern drain , same as (822) in Trench 8
921	920	9	Mixed rubble, clayey sand fill
922		9	Brick wall, follows same alignment as (908) & (909)
923		9	Brick surface similar to (910)
924		9	Modern Type 1 gravel layer
925		9	Greyish black ash deposit at W end of trench
926		9	Compact yellowish brown gravel & mortar deposit at W end of trench
927		9	Mixed black silt & coal deposit with mortar & brick chips overlying brick floor (910) & walls (908), (909)
1001		10	Sandstone paving slabs
1002		10	Mortared sandstone wall
1003		10	Cobbles overlying (1005)
1004		10	Modern mixed rubble/clayey sand made ground
1005		10	Railway sleepers and ash deposit surrounding them
1006		10	Modern demolition rubble
1101		11	Brick surface to S of wall (1102)
1102		11	Brick wall
1103		11	Brick wall
1104		11	Brick flue structure
1105		11	Deposit of coal dust associated with (1104)
1106		11	Compact orange rubble deposit overlying base of (1102)
1107		11	Hard tar/ stone/ brick deposit overlying wall (1103)
1108		11	Brick flue structure
1109	1110	11	Tar-like material fill of (1110)
1110		11	Brick and stone structure at NE side of (1109)
1111		11	Cut for possible square feature
1112	1111	11	Fill of (1111)- loose mix of mortar & brick, heat affected
1113		11	Brick structure with curved edge & residue on internal facing
1114		11	Coal dust/ mortar deposit immediately next to possible cut feature (1111)
1115		11	Brick surface abutting (1113), overlying (1114)
1116		11	Metal container containing a tar lining or tar fill (1117)
1117	1116	11	Tar lining or fill of 1116
1118	1116	11	Mixed deposit of brick/ tile/ mortar

1119		11	Mixed demolition deposit cut by (1116)
1120		11	Brick wall aligned E-W
1121		11	Fire clay tiles aligned E-W, possible drain or service cap
1122		11	Cut of circular pit
1123	1122	11	Degraded and rusted metal container lining pit (1122)
1124		11	Loose mortar/ brick/ coal deposit. Possibly cut by 1122
1125		11	Brick wall on the S side of flue (1126)
1126		11	Brick flue structure
1127		11	Brick wall on the N side of flue (1126)
1131		11	Brown/ black firm soil with mortar cut by (1122)
1129		11	Fill of flue structure (1126); loose mortar, tile and brick fragments
1130		11	Continuation of brick wall (1127)
1128		11	Black coal, tar, ash & mortar deposit
1132		11	Brick lined and tar-filled pit
1135	1132	11	Sticky tar fill of (1132)
1136	1132	11	Ash, mortar & rubble fill of (1132)
1137		11	Modern hardcore layer
1138		11	Compact brick rubble layer
1139		11	Compact tar & ash layer
1140		11	Mortar rubble layer
1141	1104	11	Fill of flue structure (1104); mixed ash, mortar and soot



Key:

- Site Boundary
- Trench Outline
- Brick feature
- Brick on concrete
- Brick wall
- Concrete
- Culvert drain
- Stone wall
- Floor surface
- Cobble
- Modern service
- Drain
- Exclusion zones

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Title:
Location map, Site Plan and Trench Layout

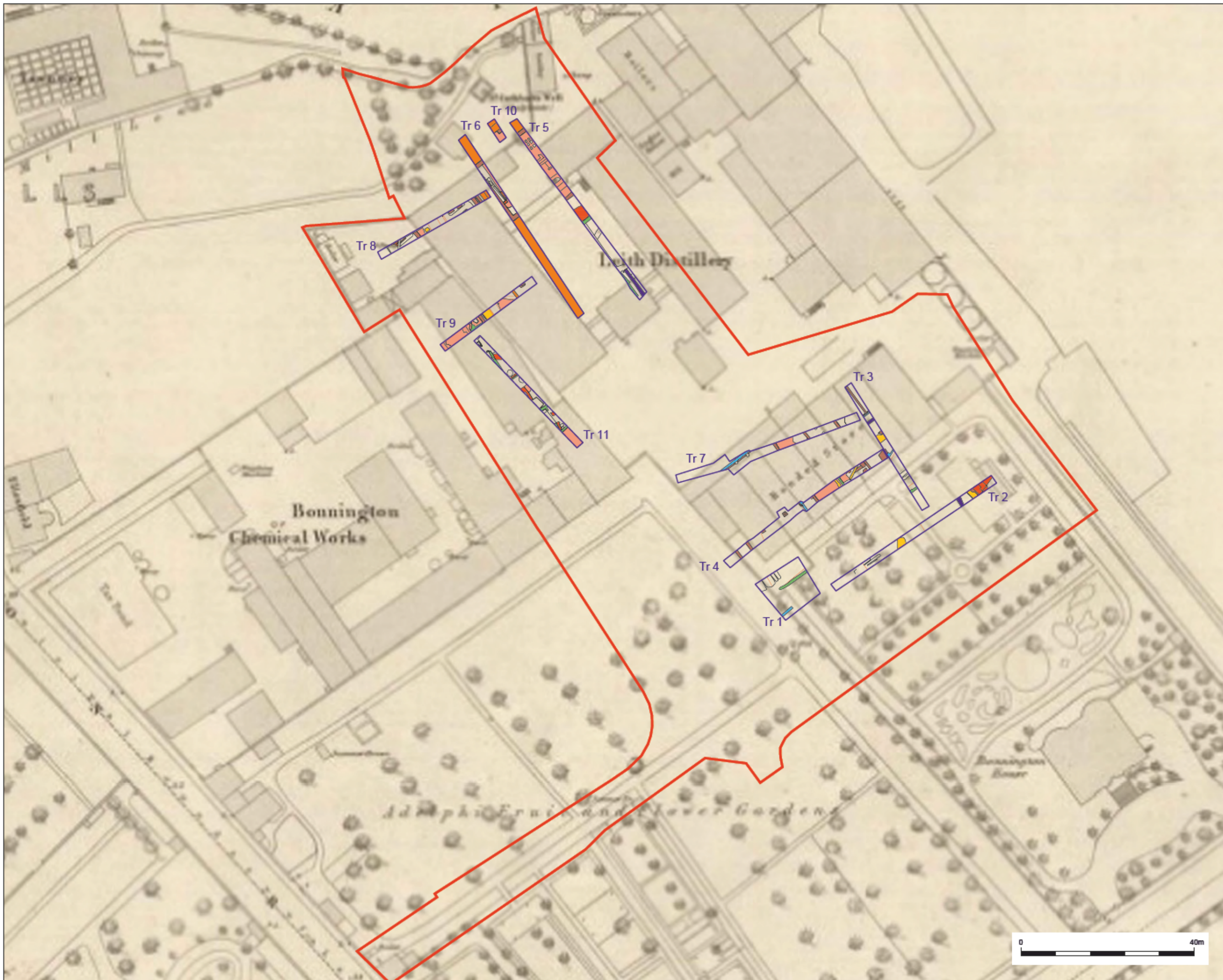
Project:
Numbers 5, 15 & 15A Bonnington Road Lane, Edinburgh (Planning Ref: 15/05457/FUL)

Client:
Miller Homes

Scale at A3:
1:800

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Report No: 3503	Fig. No: 1
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- Concrete
- Culvert drain
- Stone wall
- Floor surface
- Cobble
- Modern service
- Drain



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Title:
 Town Plan 1852 with the trenches superimposed

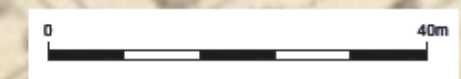
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Key:

- Site Boundary
- Trench Outline
- Brick feature
- Brick on concrete
- Brick wall
- Concrete
- Culvert drain
- Stone wall
- Floor surface
- Cobble
- Modern service
- Drain



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Title:
 OS 1:25 000 map extract from 1933 with the trenches superimposed

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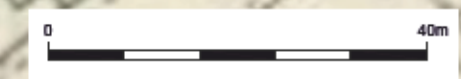




Fig. 4 - General view of the southern end of the site from the north-east



Fig. 5 - General view of the northern end of the site from the south

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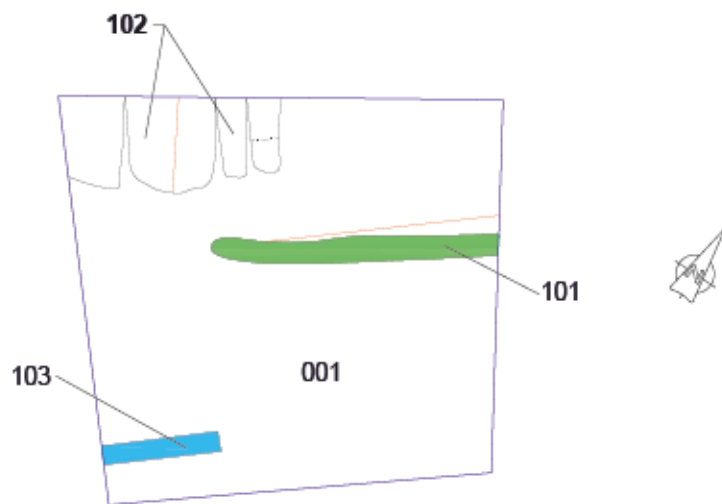


Fig. 6 - Trench 1 plan



Fig. 7 - Trench 2 plan

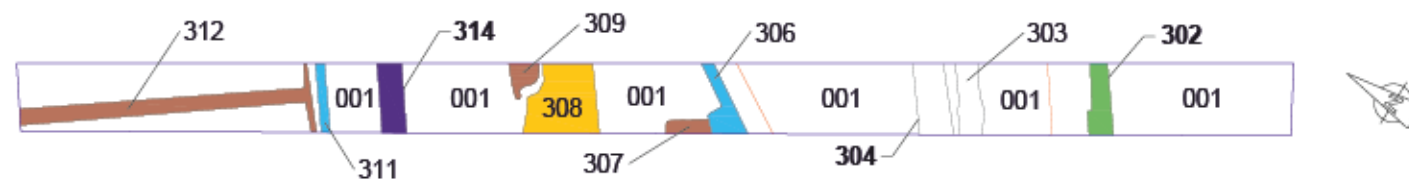


Fig. 8 - Trench 3 plan

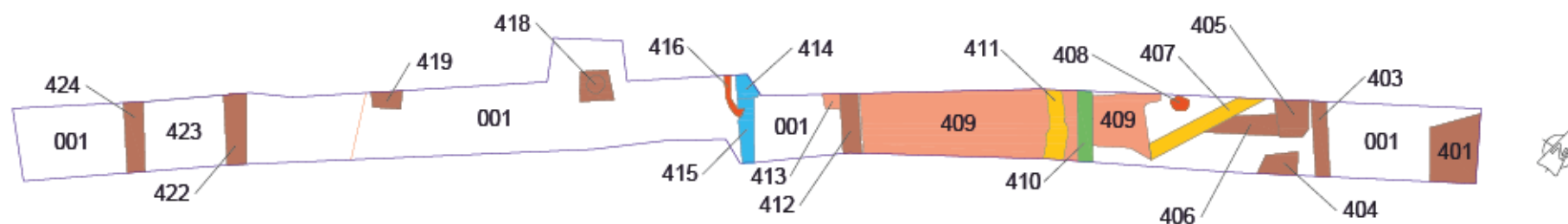


Fig. 9 - Trench 4 plan



Key:

- Trench Outline
- Brick feature
- Brick on concrete
- Brick wall
- Concrete
- Culvert drain
- Stone wall
- Floor surface
- Modern service

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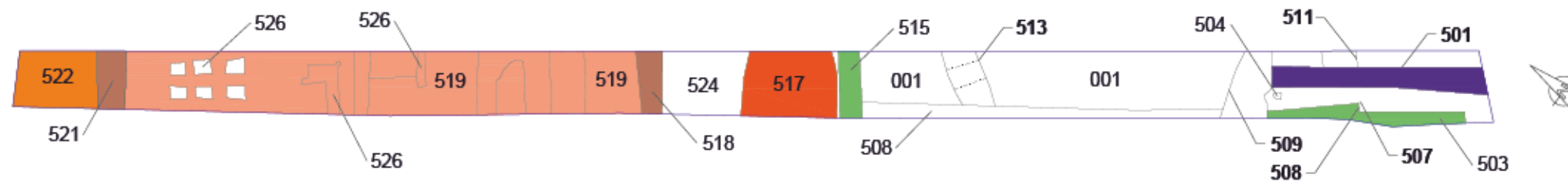


Fig. 10 - Trench 5 plan

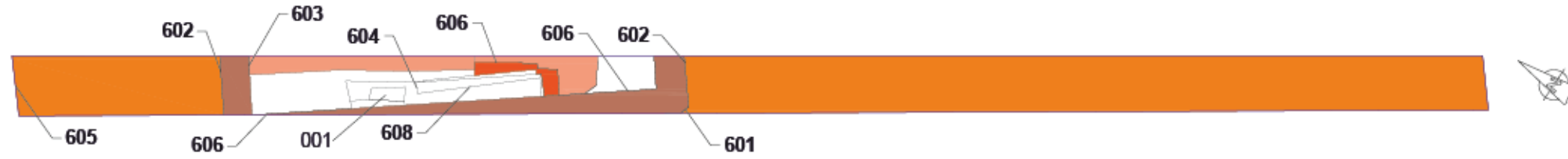


Fig. 11 - Trench 6 plan

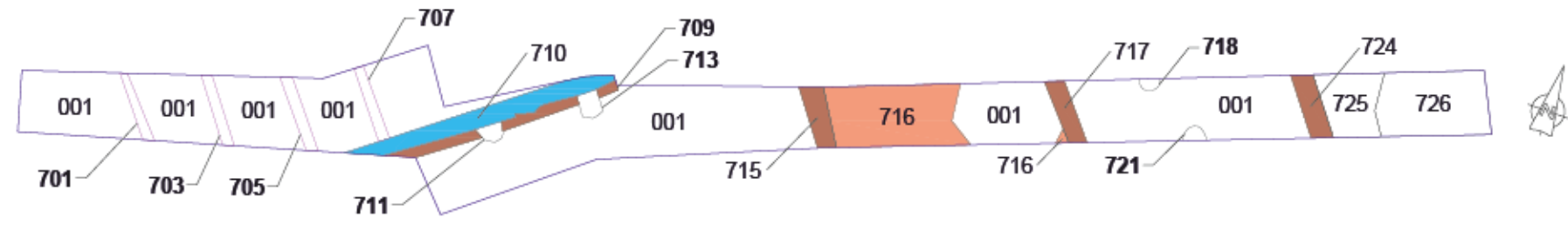


Fig. 12 - Trench 7 plan

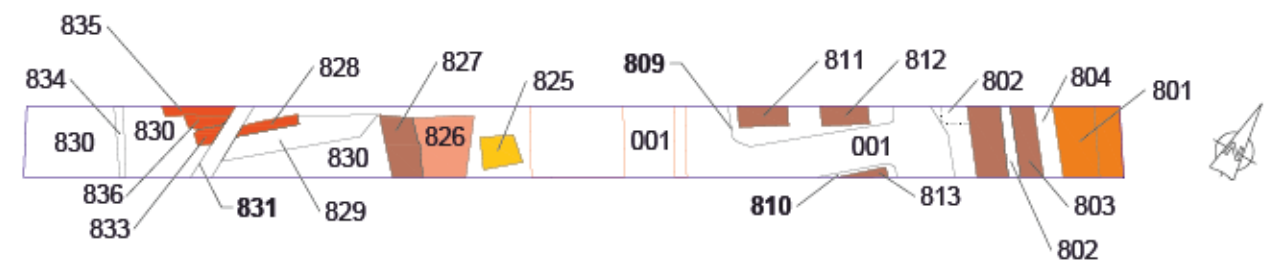


Fig. 13 - Trench 8 plan



- Key:**
- Trench Outline
 - Brick feature
 - Brick on concrete
 - Brick wall
 - Concrete
 - Culvert drain
 - Stone wall
 - Cobble
 - Floor surface
 - Modern service
 - Drain

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Key:

- Trench Outline
- Brick feature
- Brick wall
- Concrete
- Stone wall
- Cobble
- Floor surface
- Modern service

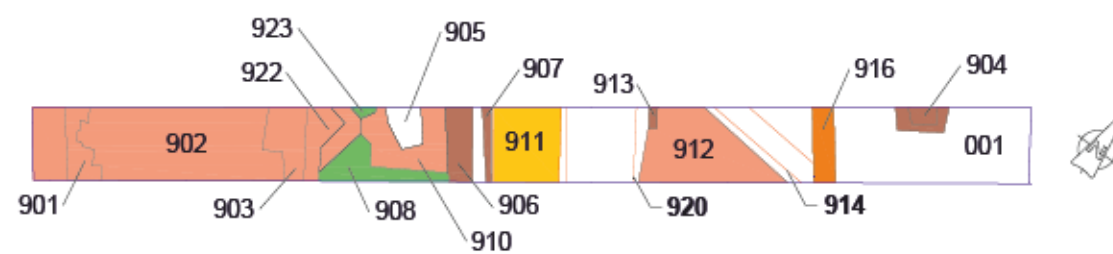


Fig. 14 - Trench 9 plan

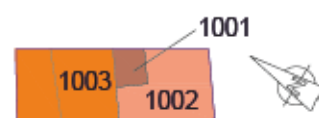


Fig. 15 - Trench 10 plan

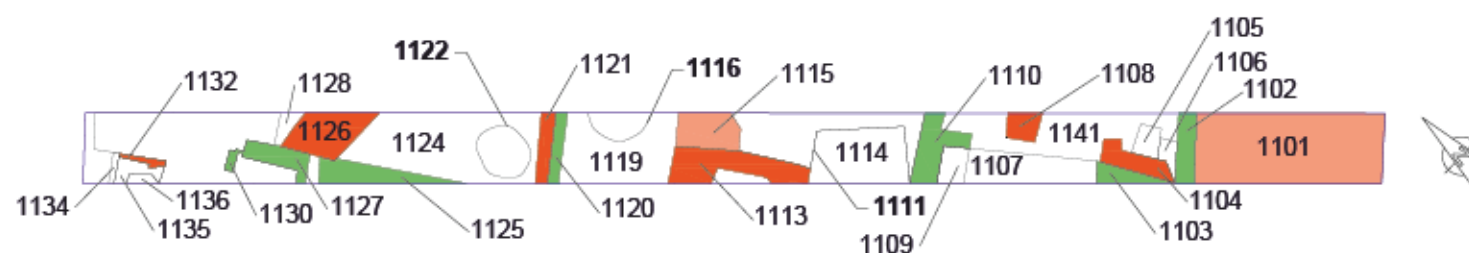


Fig. 16 - Trench 11 plan



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Fig. 17 - General view of Trench 1 from the south

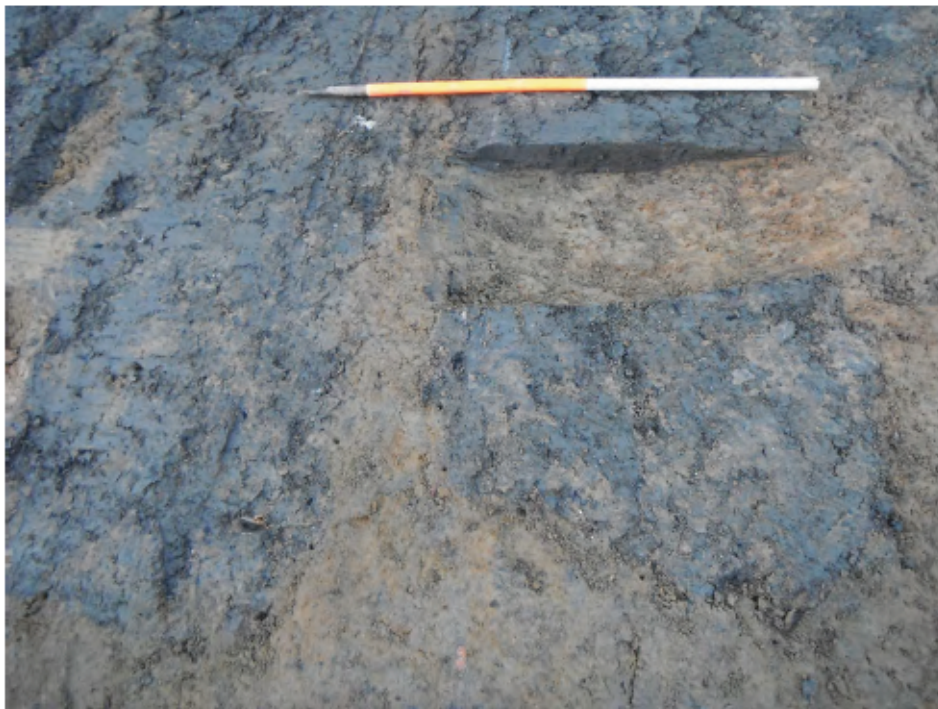


Fig. 18 - The terminus and section of feature 102 from the south-east

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Fig. 19 - General view of Trench 2 from the north-east



Fig. 20 - Edge-set bricks 201 and wall foundation 203 from the south-east

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Fig. 21 - General view of Trench 2 from the south-west showing the narrow linear features (207) similar to 102 in Trench 1



Fig. 22 - General view of Trench 3 from the north-west

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Fig. 23 - Wall 301 from the south-east. Same as wall 101 in Trench 1



Fig. 24 - Ditch 302 cut by drain 304 from the south-west

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Fig. 25 - Mortar-bonded sandstone wall 307 running under brick and concrete wall 306 from the east-north-east



Fig. 26 - The north-west end of the trench from the south-east. Mortar-bonded sandstone wall 312 running alongside brick and concrete wall 311

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Fig. 27 - General view of Trench 4 from the north-east



Fig. 28 - General view of Trench 4 from the south-west with parallel walls 422 and 424

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Fig. 29 - Mortar floor 409 cut by brick wall 410 and overlain by concrete 411



Fig. 30 - Mortar-bonded sandstone plinth 418 from the north-east

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Fig. 31 - General view of Trench 5 from the south-east



Fig. 32 - General view of Trench 5 from the north-west

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Fig. 33 - Brick wall 516? and possible circular brick feature 517 from the south-east



Fig. 34 - Parallel features 526 within flagstone floor 520 from the north-west

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Fig. 35 - General view of Trench 6 from the south-east



Fig. 36 - The northern end of Trench 6 from the south-east

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Fig. 37 - Brick-lined pit 604 within the mortared sandstone building foundations from the north-west



Fig. 38 - The western end of Trench 7 from the south-west showing features 711, 713 underlying mortared sandstone wall 709 which is under brick and concrete wall 710

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Fig. 39 - Sandstone walls 715, 717 on either side of mortar floor 716 from the west-south-west



Fig. 40 - General view of Trench 8 from the north-east

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Fig. 41 - Mortar bonded sandstone wall 802 from the south-west



Fig. 42 - Features 809, 810 in the centre of the trench from the north-east

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Fig. 43 - Brick-lined Tar Tank 828, 833 from the south-west



Fig. 44 - Mortar bonded sandstone plinth 904 at the north-east end of the trench from the west

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Fig. 45 - Mortar-bonded sandstone walls 906, 907, brick floor 910 and brick walls 908, 909 at the south-west end of the trench from the north-east



Fig. 46 - Mortar-bonded sandstone walls 906, 907, brick floor 910 and brick walls 908, 909 at the south-west end of the trench from the south-west

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Fig. 47 - Plan view of paving 1001, wall 1002 and cobbles 1003 from the north-east



Fig. 48 - Test-pit section from the south-east. Cobbles 1003 are under the brick layer

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Fig. 49 - General view of Trench 11 from the north-west



Fig. 50 - Features at the south-east end of the trench from the south-east. Including brick walls 1102, 1103 and the curve of bricks (flue) 1104 sweeping upwards into a possible chimney

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Fig. 51 - The upper surface of flue 1108 from the south-west



Fig. 52 - Brick feature 1113 and brick paving 1115 from the south-east

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Fig. 53 - Circular feature 1116 with tar lining 1117 from the west



Fig. 54 - Brick wall 1120, drain 1121 and circular feature 1122 from the south-east

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Fig. 55 - Brick walls 1125, 1127 and access to flue 1126 from the south-south-east



Fig. 56 - The inside of flue 1126

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Fig. 57 - Brick wall 1132, wooden feature 1134 and sticky tar 1135 at the north-west end of the trench

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