
WENTWORTH CASTLE GARDENS,
SOUTH YORKSHIRE.

REPORT ON AN ARCHAEOLOGICAL WATCHING BRIEF

OSA REPORT NO. OSA19WB14

November 2019.

OSA

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Report Summary.

REPORT NO: OSA19WB14

SITE NAME: Wentworth Castle Gardens.

COUNTY: South Yorkshire

NATIONAL GRID REFERENCE: SE 32000 03400

PLANNING REF NO: 2018/1565 and 2019/0012

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1.0 Abstract.

On Site Archaeology carried out a watching brief during February and March 2019 on works to restore public access to the 18th century gardens at Wentworth Castle, Barnsley, South Yorkshire. This involved the monitoring of ten trenches on the east and south sides of the gardens. The watching brief was commissioned to satisfy the requirements for planning permission for various works necessary to prepare the site for reopening to the public (Barnsley Metropolitan Borough Council planning references 2018/1565 and 2019/0012). The watching brief was completed in compliance with the approved WSIs; this report seeks to fulfil the reporting requirement also entailed in the WSIs.

Five of the trenches were completed without exposure of archaeological features or deposits. The remaining five (Trenches 1,3,8,9 and 10) revealed an assortment of structural elements. Commonly these were the remains of drystone walls, though Trench 8 revealed the remains of a well and culvert, likely to date to the second half of the 19th century and Trench 10 revealed a potential early 18th century wall and a path or surface associated with standing barns on the site.

2.0 Site Location and Geology.

Wentworth Castle Gardens are located at Menagerie House Park Drive, south of Lowe Lane and Round Green Lane, Stainborough, 1.5km south of Dodworth, southwest of Barnsley in South Yorkshire (Figure 1). The site is surrounded on all sides by open fields.

The bedrock geology comprises mudstone, siltstone and sandstone of the Pennine Middle Coal Measures Formation with no superficial deposits.
(<http://mapapps.gbs.ac.uk/geologyofbritain/home>).

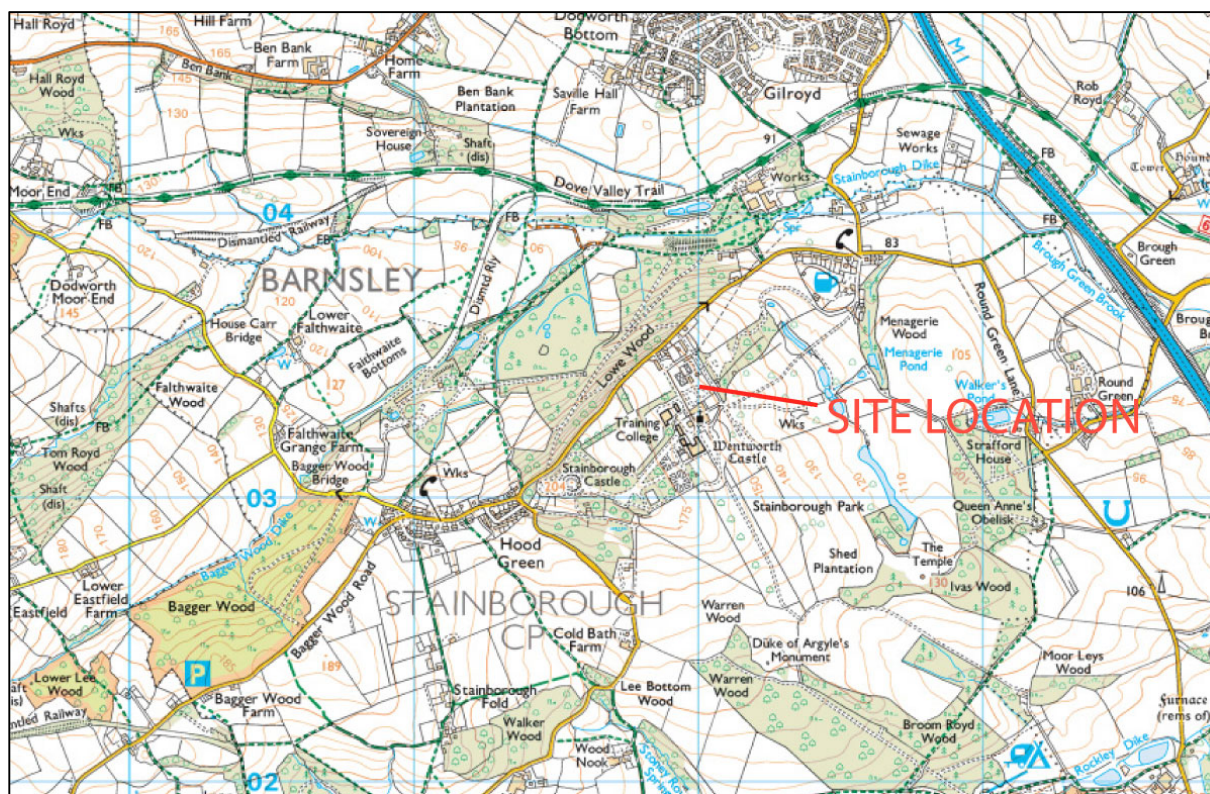


Figure 1. Site Location (SE 32000 03400)

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3.0 Archaeological Background.

Wentworth Castle is a Grade I listed country house, the former seat of the Earls of Strafford, at Stainborough, near Barnsley in South Yorkshire, England. It is surrounded by one of the country's greatest 18th century landscapes, the only Grade I Listed park and garden in South Yorkshire. The house is now home to the Northern College for Residential and Community Education.

An older house existed on the estate, then called Stainborough, when it was purchased by Thomas Wentworth, Baron Raby (later Earl of Strafford), in 1708. The name was changed in 1731. The original name lives on in the form of Stainborough Castle, a sham ruin constructed as a garden folly on the estate. In total there are 26 listed buildings and monuments within the gardens, which cover 60 acres.

4.0 Methodology.

The watching brief involved the monitoring of the hand and machine excavation of a total of 10 trenches of varying sizes, the locations of which are illustrated on Figure 2. The majority of the trenches were excavated for the installation of new utilities, and the watching brief was required to fulfil a condition (no. 7) attached to planning consent (planning reference 2019/0012). The exception to this was Trench 9, which was excavated for the construction of a raft foundation for a new visitor reception building. This was covered by a separate planning application (2018/1565, also condition no. 7). Prior to commencement of the watching brief Written Schemes of Investigation were prepared by the National Trust North Region Archaeological Consultant, which were agreed with South Yorkshire Archaeology Service and submitted to the LPA in respect of the conditions (see Newman, 2019 and 2019a).

Standard *On-Site Archaeology* techniques were followed throughout the watching brief. These involved the completion of trench record sheets and context sheets as well as plans and sections drawn to scale. A photographic record of the deposits and features was also maintained.

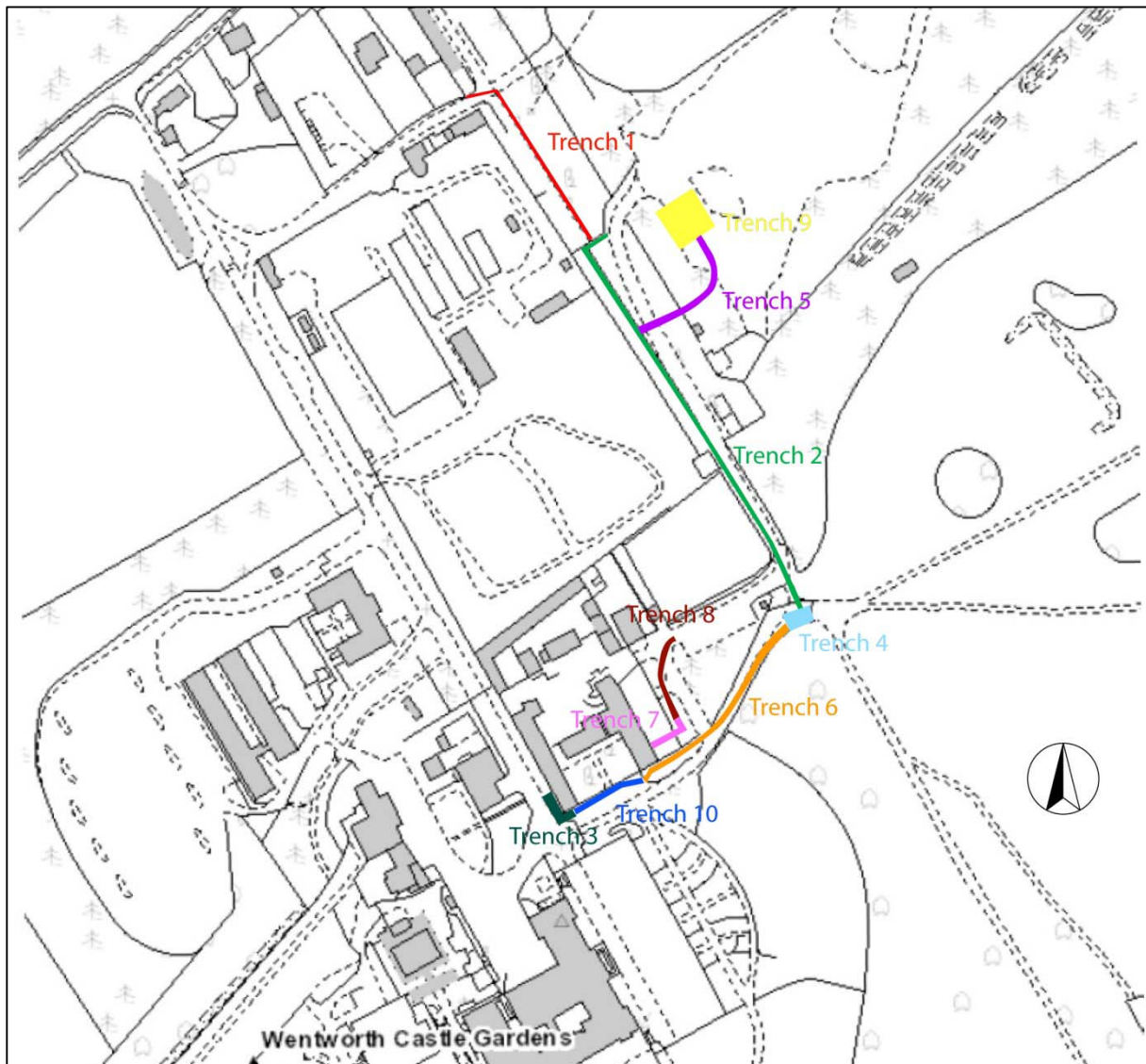


Figure 2. Location of trenches

5.0 Results.

Trench 1

Trench 1 ran NW-SE for c.53m along an eastern dry stone wall delineating a scrub area to the east of the Castle Gardens and to the northwest of the car park before turning to run east to west for c.24m into Shed Lane. It measured between 0.4 and 1m wide. Excavation was mainly by hand due to the proximity of a number of trees and need to protect their roots.

The earliest recorded deposit in the trench was levelling layer (107) of loose mid orange brown sand. In the northern part of the SE arm of the trench a dump of material (102) consisting of firm orange brown clay silt with frequent ceramic building material (CBM) and fragments of sandstone block was found above layer (107) (Figure 3). This deposit was up to 0.20m thick. A small section of random coursed dry stone wall (103) was found 5m to the northwest of dump (102) (Figure 3; Plate 1). This consisted of a series of dry bonded stones. Only a very small section was available to study in the narrow trench but it was felt that the structure was aligned north to south. It was unclear if deposit (101), a later levelling layer consisting of 0.20m to 0.40m of loose dark brown sandy silt, was cut by the wall construction or had built up against it. No obvious cut for the wall was observed during excavation. Further to the north, next to the change in direction of the trench, deposit (101) was overlain by hardcore (104), consisting of light grey gravel. This deposit served as a foundation for modern surface (105) (Figure 3; Plate 2). Sealing the surface was levelling (106) and the modern topsoil (100).

Trench 2

This trench (Plate 3) ran for 150m from the northwest to the southeast along the lane from the car park along the eastern side of the walled gardens complex and measured 0.45m wide. The earliest recorded deposit was (203) a made ground horizon consisting of rubble and CBM. The deposit continued below the level of excavation and was at least 0.30m deep. It was overlain by (202) a more recent levelling of fine white to grey gravel up to 0.30m thick. Sealing this was either (201) 0.10m of grey tarmac, the current lane surface, or topsoil (200).

No significant archaeological deposits or features were recorded in the trench.

Trench 3

This was excavated near the southwest corner of the range running parallel to and west of the Long Barn and measured 0.4m wide by 12m in length. The earliest features recorded in the trench were structural elements (Figure 4). The most northwestern of these was wall (302) located at the extreme northwest end of the trench (Figure 4; Plate 4) constructed with large sandstone blocks. This appeared to be aligned perpendicular to the line of the trench (approximately northeast to southwest) although as only one side was within the limit of excavation and it extended below the maximum depth of the trench this orientation is not absolutely certain. This wall was assigned a notional cut number of [303]. Located 6m to the

southeast of wall (302) the footings for an upstanding garden wall (304) could be seen in section. Also seen within this trench was a surface (305) of sandstone blocks in the southeast corner of the trench. The feature was not excavated as it would not be damaged by the works. The upper deposits of the trench consisted of levelling (301) and the topsoil (300).

Trench 4

Trench 4 was located to the southeast of the play area and measured 1.3m by 3.7m with a depth of 0.8m (Plate 5). The earliest recorded deposit within the trench was (402) a dark orange red brown silt levelling deposit with frequent fragments of stone and CBM. The deposit was at least 0.30m thick. It was overlain by (401) 0.30m of very dark brown sandy silt that was dumped as made ground. The upper most deposit was the topsoil (400).

Trench 5

This trench was located between Trench 2 and the car park and measured 0.4m wide and 25m long (Plate 6). The earliest exposed deposit in the trench was (501) an extensive buried landscaping deposit of very dark brown sandy silt up to 0.40m thick, which continued below the basal limit of excavation (Plate 7). This was cut by a modern retaining wall (502), approximately 15m from the southwest end of the trench, on the line of an extant garden boundary wall (northwest to southeast). The upper deposits in the trench were the subsoil (503) and the topsoil (500).

Trench 6

This trench ran northeast-southwest from the end of Shed Lane to the south end of the Long Barn. It was a total of 86m long by 0.40m wide and had a maximum depth of 0.60m (Plate 8). It terminated to the southern side of the Long Barn. The earliest recorded deposit was (603) a 0.20m thick levelling of rubble in black clay silt. This was overlain by (602) a crushed CBM and shale hardcore 0.20m thick that supported the present road surface (601). In the portion of the trench where the road was not present the upper deposit was the (600) topsoil.

No archaeological deposits or features were recorded in the trench.

Trench 7

This trench ran from the southeast side of the Long Barn in a northeasterly direction, across an adjacent patio area for a distance of approximately 9m before passing under the patio wall (Plate 9). A short length (approximately 2m) was excavated to the northeast of the patio wall. Inside the patio area the trench revealed different levels to those seen on the exterior. The trench was 0.60m wide and at its deepest, outside the patio area was 1.40m deep. Within the patio area it was a maximum of 0.90m deep.

Beyond the patio the earliest recorded deposit was (713) natural sandstone. This was overlain by (712) 0.40m of mid greyish brown sandy silt made ground (Plate 10). Above this was (711) a second made ground deposit, this time of very dark brown clayey silt 0.30m thick. This was overlain by (710) a levelling layer of crushed white mortar with patches of clay and CBM fragments. The upper deposit was dark brown loamy silt topsoil (709).

Within the patio area the earliest recorded deposit was (708) a brown gravel hardcore 0.30m thick. This was overlain by (706) 0.80m of white gravel hardcore. This material was cut by the main electrical service and by a (704) a stone and brick culvert. To the northeast culvert (706) was not present and the earliest deposit consisted of (705) a made ground of mid greyish brown sandy silt. Sealing both (705/706) was (703) a levelling deposit dark reddish brown sandy silt and brick rubble 0.16m thick. This was overlain by 0.18m of white gravel hardcore, 0.14m of (701) brown gravel hardcore and the existing patio flags (700).

Trench 8

This trench was a continuation of Trench 7 curving away to the north-northeast and measured 0.45m wide and 30m long. The earliest context recorded within it was (803) a partially dismantled and backfilled structure (Figure 4; Plates 11 and 12). This was constructed of red brick, five courses of which were exposed during excavation. These were arranged to create a sub circular, apparently domed shaped structure. Due to the limited exposure available the interpretation is not certain. It may have been a well or cistern but its domed form may also be suggestive of an ice house. With there being no sign of above ground structure or access the interpretation as a below ground cistern is preferred, rather than the ice house interpretation. The 1893 25 inch Ordnance Survey map indicates the location of a pump close to where this feature was encountered which might support the suggestion that it formed a water holding tank of some kind. The top of a probable brick culvert (806) observed further to the north within Trench 8 and aligned approximately southeast-northwest may be related to this structure, which would appear to support the interpretation as a water collecting structure. The possible cistern was overlain by (801) a loose made ground of dark orange brown sandy silt. This was overlain by two lenses of loose light grey fine gravel, (805) and (804). These were in turn overlaid by (800) the topsoil.

Trench 9

This trench was excavated for the foundation for the new visitor welcome building and was located on the western edge of the car park just to the north of Trench 5. Trench 9 measured 11m by 11m with a depth of between 1.2m and 1.7m. The earliest recorded deposit was the natural (905) a firm yellow brown clay. The natural was overlain by (901) a subsoil of compact mid reddish brown clayey silt 0.30m thick. This was cut by a linear construction cut [904] containing an early modern dry stone wall on a southeast to northwest alignment (902) (Figure 5; Plate 13). In the spaces between the stones a deposit (903) of soft mid greyish red brown clay silt had accumulated. The largest blocks used in the construction measured some 0.70m x 0.50m x 0.20m. The wall was sealed by the modern topsoil (900). In the eastern part of the trench the upper deposit in the sequence was (906) the gravel hardcore of the car park.

Trench 10

This was excavated along the southern garden wall enclosing St James' Church and the two barns. The trench was a maximum of 0.50m deep and measured 0.4m wide and 31m in length. Two areas of archaeological interest were uncovered within the trench (Figure 5).

The first of these was (1004) (Plate 14) a 1.40m wide wall of reddish yellow sandstone orientated approximately northwest to southeast and located in the western part of the trench. The location and alignment of this wall does not obviously correspond with any boundaries or the external walls of buildings indicated on the cartographic sources. It may be best considered as possibly an internal wall associated with the early 18th century building forming the southern wing of the rectangular complex of buildings indicated on the 1711 and 1714 illustrations of the site. This building is not illustrated on any of the later images or maps.

The second area of archaeological interest consisted of a surface or path constructed with angular sandstone fragments (1002) (Plate 15) possibly connected to the later phase of the barns. It was close to the eastern end of the trench and was recorded for a maximum of 6m along the line of the trench. This surface overlay (1003) a made ground of firm mid orange brown sandy silt. The upper deposits in the trench were a levelling deposit of loose mid brownish red sandy silt overlain by the topsoil (1000). Where these were not present the uppermost deposit was hardcore (1005) that related to the modern road.

6.0 Conclusions.

A prime purpose of the archaeological watching brief, as specified in the WSI, was to ensure that any significant archaeological remains were recorded prior to their disturbance/loss. Due to the relatively shallow depth of the required trenching a number of structures were observed and recorded but then were able to be left *in-situ*. This was notably the case with what were apparently the most significant features, recorded in Trenches 8 and 10 (see below).

Whilst the limited depth and extent of the intrusive groundworks had the benefit of minimising disturbance it also meant that the results were limited in their ability to advance archaeological understanding of the site. Several of the trenches did not reveal structural remains that were potentially anticipated on the basis of the pictorial and cartographic analysis carried out during the preparation of the Heritage Impact Assessment. It was anticipated that within Trenches 2 and 6 for example features of 18th and 19th century date would be present, but the earliest deposits observed were merely levelling or made ground. In these instances it is entirely possible that the anticipated structures are still extant, but survive at a lower level than was reached by the trenching. Alternatively the anticipated structures may have suffered from severe truncation during successive phases of landscaping and alterations to the layout of the property, to the extent that they have been completely removed. It is particularly salient to reflect on this in the light of the 18th century gardener's challenges with encountering bedrock so close to the surface. This was only rarely seen in the excavated trenches, perhaps suggesting relatively recent site raising.

A further difficulty in interpreting the recorded sequences and structures is due to the paucity of well dated artefactual material. Artefacts were limited to a collection of clearly 20th century glass bottles and jars from a levelling deposit immediately below the topsoil in Trench 1, a 20th century stamped electric cable warning brick from a rubble deposit in Trench 2, and a sample of brick taken from the domed structure in Trench 8, which is likely to date to the second half of the 19th century.

The following trenches did reveal structural elements, which based upon the predicted chronological sequence may be ascribed the following interpretations and dates.

Trench 1. A small stretch of wall foundation was recorded but not excavated. This appears to follow an approximately north-south alignment and is likely to be associated with buildings that first appear on the 1891 edition of the Ordnance Survey.

Trench 3. This trench included the lower portion of an upstanding garden wall towards the south end and the remains of a northeast to southwest foundation at the northwest end. Although only partially within the limits of the trench, making full recording difficult, the location of this foundation suggests that it may be associated with the original southern range of the earlier 18th century quadrangular building complex.

Trench 5. The remains of a north-northwest to south-southeast wall foundation were recorded. This appeared to form a continuation of a garden wall that is still standing to the north of the trench and is first illustrated on the 1855 Ordnance Survey map.

Trench 8. This trench unexpectedly revealed the top of a partially collapsed brick domed structure. Such a structure is not clearly illustrated on any of the cartographic sources. However, the 1891 edition of the Ordnance Survey does indicate the presence of a pump very close to this location. This might well support a suggestion that the domed feature formed a below ground water cistern to supply the pump.

Trench 9. A northwest to southeast wall foundation was recorded directly below the modern topsoil. Whilst it is not clear precisely which wall this represents it is worth noting that this area, on the western periphery of the productive gardens complex, did not start to be intensively developed until the later 19th century and it is most likely that the foundation relates to this period.

Trench 10. The substantial northwest to southeast wall foundation recorded in this trench is located within an area that has not been occupied by buildings since the 1730s. The earlier 18th century sources indicate a quadrangular range of buildings, the eastern side of which was formed by The Long Barn. The wall revealed in Trench 10 is unlikely to form an external wall of this structure, but it could represent an internal division within it. As such wall (1004) may represent the earliest archaeology recorded during the course of the watching brief, although no independent dating evidence was present. As it was recorded in the base of the trench this wall was entirely retained in-situ. Within the eastern part of the trench a stone surface was present. The Ordnance Survey maps from 1855 and later all show what appear to be a widened track or yard continuing right up to the edge of the south end of the Long Barn and the associated courtyard containing the church. The recorded surface in the trench is likely to represent this widened track.

In conclusion one returns to the stated objectives contained within the WSI and reflection on their fulfilment:

1.15 The purposes of the planned archaeological fieldwork are to:

- *To meet the adopted high standards of conservation management in the National Trust*
Achieved through preparation of the HSI and WSI, followed by adoption of full professional standards of watching brief and recording and then analysis of results as contained in this report.
- *To fulfil the requirements of the planning permission*
Achieved, through the full delivery of the watching brief to the WSI methodology as required in the planning permissions
- *Mainly to evaluate and record archaeological remains if any are exposed by site development*
Achieved through the recording undertaken on site and presented here, including the interpretations above

- To conduct limited excavations in advance of the development where this a) is discovered to be of value and b) can be undertaken safely in the operational conditions encountered on site
No instances were encountered in the course of site development where this was a necessary or valuable approach to adopt. However, capability to undertake work in this fashion was included in the commissioning of the site works contractor
- to alert the National Trust to the presence of exceptionally significant unexpected archaeology (if any) identified, optimising any potential to revise the development design to achieve preservation in situ
Communications were maintained throughout, and examples of in situ preservation achieved, although none of these required direct National Trust intervention
- complete a full record of observations made in the course of development works
Achieved, through archaeological works on site throughout development collated in this report and its supporting archive
- to mitigate for any negative impact on heritage values through the creation of that record
Achieved to the greatest degree possible given the nature of excavations and archaeology encountered

7.0 Bibliography.

British Geological Survey 2016. Geology of Britain viewer. Available online at:
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8.0 Appendix 1 ~ Context register.

8.1 Context Register

Context	Description	Thickness	Extent
<i>Trench 1</i>			
100	Compact dark brown greyish brown clay silt – topsoil.	0.40m	Trench
101	Loose dark greyish brown sandy silt – made ground.	0.20-0.40m	Trench
102	Compact dark orange greyish brown clayey silt – dumping.	0.20m	1.40m x Trench
103	Dry stone wall.	0.30m	1m x Trench
104	Hardcore under road surface.	0.03	Trench
105	Road (modern) of crushed sandstone and sandstone.	0.20m	Trench
106	Loose mid greyish brown sand – levelling.	0.04m	Tr x 1.8m+
107	Loose mid greyish brown sand – levelling.	0.09m+	Tr x 1.3m+
108	Compact mid orange brown sandy silt – subsoil.	0.10m	Trench
<i>Trench 2</i>			
200	Very dark brown loamy clay silt – topsoil.	0.20m	Trench
201	Grey tarmac – surface.	0.10m	Trench
202	Fine white to grey gravel – levelling.	0.30m	Trench
203	Loose reddish brown sandy rubble.	0.30m+	Trench
<i>Trench 3</i>			
300	Compact dark orange brown clayey silt – topsoil.	0.20m	Trench
301	Compact mid orange brown sandy silt – made ground.	N/A	Trench
302	Sandstone wall.	0.6m+	0.8m x Trench
303	Notional cut for above.	0.6m+	0.8m x Trench
304	Standing dry stone wall.	0.5m+	1m x 0.1m+
305	Possible sandstone surface.	-	1.1m x Trench
<i>Trench 4</i>			
400	Dark orange grey brown loamy silt – topsoil.	0.20m	Trench
401	Very dark brown sandy silt – made ground.	0.30m	Trench
402	Dark orange reddish brown silt – levelling.	0.30m	Trench
<i>Trench 5</i>			
500	Very dark brown loamy silt – topsoil.	0.30m	Trench
501	Very dark brown sandy silt - landscaping.	0.40m	Trench
502	Modern retaining wall.	0.20m	0.3m x Trench
503	Mid reddish brown sandy silt – subsoil.	N/A	Trench
<i>Trench 6</i>			
600	Mid to dark orange brown loamy silt – topsoil.	0.20m	Trench
601	Mixture of compacted soil and stone – levelling.	0.10m	Trench
602	Crushed ceramic building material (CBM) and shale – hardcore.	0.20m	Trench
603	Rubble in black clayey silt – made ground.	0.20m	Trench
<i>Trench 7</i>			
700	Stone flags – patio surface.	0.05m	Patio
701	Brown gravel – hardcore.	0.14m	Patio
702	White to grey gravel – hardcore.	0.18m	Patio
703	Dark reddish brown sandy silt and crushed brick – levelling.	0.16m	Patio
704	Culvert.	0.5m+	0.54m x Trench
705	Mid greyish brown sandy silt – made ground.	0.57m	Trench
706	White gravel – hardcore.	0.80m	Trench
707	Modern service.	0.80m	0.74m x Trench
708	Brown gravel – hardcore.	0.30m	Trench
709	Dark brown loamy silt - topsoil	0.40m	Trench

710	Crushed white mortar and clay – levelling.	0.10m	Trench
711	Very dark brown clay silt – made ground.	0.30m	Trench
712	Mid greyish brown sandy silt – made ground.	0.40m	Trench
713	Sandstone - natural.	0.20m	Trench
<i>Trench 8</i>			
800	Compact dark orange grey brown clayey silt – topsoil.	0.40m	Trench
801	Loose dark orange brown sandy silt – made ground.	N/A	Trench
802	Compact light yellow brown clay – associated with well (803).	0.10m	0.55m x Trench
803	Well.	-	0.85m x Trench
804	Loose light grey gravel – hardcore.	0.10m	Trench
805	Loose light grey gravel – hardcore.	0.10m	Trench
806	Culvert.	-	0.26m x 3m+
<i>Trench 9</i>			
900	Firm dark grey brown clayey silt – topsoil.	0.50m	Trench
901	Compact mid reddish brown clayey silt – subsoil.	0.30m	Trench
902	NW-SE aligned dry stone wall.	0.40m	0.8m x 11m+
903	Loose mid reddish brown clayey silt – infilling of stones of (902).	0.30m	0.8m x 11m+
904	Notional cut for (902).	0.30m	0.8m x 11m+
905	Compact light yellow brown clay – natural.	N/A	Trench
906	Gravel – hardcore.	-	Trench
<i>Trench 10</i>			
1000	Loose dark brown clayey silt – topsoil.	0.30m	Trench
1001	Friable mid brownish red sandy silt – levelling.	0.12m	31m x 0.40m
1002	Surface/path.	0.28m+	Trench x 4m
1003	Firm mid brown sandy silt – made ground.	N/A	30m x 0.40m
1004	Sandstone wall.	0.16m+	1.4m x Trench
1005	Loose white gravel – hardcore.	0.1m+	Trench x 1.3m+

9.0 Appendix 2 ~ Archive Index

9.1 Drawing Register.

Drawing No	Description	Scale	Initials	Date
1	NE facing section Trench 1 (102) (106).	1:10	DM	28/02/19
2	Plan of (102).	1:50	DM	28/02/19
3	SE facing section Trench 1 (103).	1:10	DM	01/03/19
4	Plan of (103).	1:50	DM	01/03/19
5	Plan of (104) (105).	1:50	DM	04/03/19
6	Location plan of Trench 1.	1:200	DM	13/03/19
7	SW facing section Trench 1 (104) (105).	1:20	DM	13/03/19
8	Trench 10 plan of archaeology.	1:50	DM	14/03/19
9	South facing section surface (1002) Trench 10.	1:20	DM	14/03/19
10	South facing section wall (1004) Trench 10.	1:20	DM	14/03/19
11	Location plan for Trenches 5 and 9.	1:500	DM	13/03/19
12	Plan of wall (902) in Trench 9.	1:50	DM	13/03/19
13	NW facing section (902) in Trench 9.	1:10	DM	13/03/19
14	SW section wall (302) in Trench 3.	1:10	DM	15/03/19
15	Plan of wall (302) in Trench 3.	1:50	DM	15/03/19
16	Plan of wall (302) (304) (305) in Trench 3.	1:50	DM	15/03/19
17	Location plan of Trench 3.	1:2500	DM	15/03/19
18	SE facing section Trench 7.	1:20	DM	07/03/19
19	Plan of Trench 7.	1:50	DM	07/03/19
20	Plan of Trench 8 and well.	1:50	DM	08/03/19
21	NE facing section of well in Trench 8.	1:20	DM	08/03/19
22	NE facing section of SE end of well.	1:20	DM	08/03/19

8.2 Photographic Register.

Frame no.	Description	Date	Initials
<i>Digital Download 19/03/19</i>			
1	VOID	N/A	N/A
2	Location shot.	SE	DM 26/02/19
3-5	Start of excavation.	SE	DM 26/02/19
6	Trench 1.	SE	DM 26/02/19
7-8	Trench 1 section.	NE	DM 26/02/19
9	Trench 1 section.	SW	DM 26/02/19
10-12	Dumped masonry.	SE	DM 26/02/19
13-16	Dumped masonry in section.	SW	DM 26/02/19
17-18	Loose masonry.	SW	DM 26/02/19
19-21	Chamber 1.	SW	DM 26/02/19
22	VOID	N/A	N/A
23	Trench 1.	NW	DM 26/02/19
24	Trench 1.	SE	DM 26/02/19
25	Location shot.	NW	DM 26/02/19
26-28	Loose masonry.	NW	DM 26/02/19
29-30	Chamber 1.	NW	DM 26/02/19
31-32	Working shots.	SE	DM 26/02/19
33-34	Trench 1 W/SE section.	W/NW	DM 26/02/19

35	Trench 2.	W	DM 26/02/19
36	Trench 2.	E	DM 26/02/19
37	North facing sample section of Trench 2.	S	DM 26/02/19
38	Trench 2.	SE	DM 26/02/19
39-40	Trench 2.	SW	DM 26/02/19
41-42	Working shots in Trench 1.	NW	DM 26/02/19
43	Working shot in Trench 2.	SW	DM 27/02/19
44	Working shot in Trench 1.	NW	DM 27/02/19
45-46	Trench 2.	SW	DM 27/02/19
47-49	West facing sample section of Trench 2.	E	DM 27/02/19
50	Trench 2.	SW	DM 27/02/19
51-53	East facing sample section of Trench 2.	W	DM 27/02/19
54	Location of above section.	W	DM 27/02/19
55	Trench 2.	N	DM 27/02/19
56-57	West facing sample section of Trench 1.	E	DM 27/02/19
58-60	Trench 1.	SE	DM 27/02/19
61	Location of previous shots.	NW	DM 27/02/19
62	Location of next shot.	SW	DM 27/02/19
63	East facing section of Trench 2.	W	DM 27/02/19
64-65	Trench 2.	SW	DM 27/02/19
66	Location of next shot.	W	DM 27/02/19
67-69	East facing section of Trench 2.	W	DM 27/02/19
70	Location of previous shots.	NW	DM 27/02/19
71-72	Location shots of next section.	W	DM 27/02/19
73	East facing section of Trench 2.	W	DM 27/02/19
74-75	Working shots.	W	DM 27/02/19
76	East facing section of Trench 2.	W	DM 27/02/19
77	Location of previous section.	NW	DM 27/02/19
78	Working shot.	NW	DM 27/02/19
79-80	East facing section of Trench 2.	W	DM 27/02/19
81	NE facing section Trench 1.	SW	DM 27/02/19
82-83	Location of previous section.	SE	DM 27/02/19
84	Location shot of next section.	SW	DM 27/02/19
85-86	West facing section of Trench 2.	E	DM 27/02/19
87-89	Trench 2.	VAR	DM 27/02/19
90	West facing section of Trench 2.	E	DM 27/02/19
91	Location of previous section.	NW	DM 27/02/19
92-94	Working shots in Trench 2.	SW	DM 27/02/19
95-96	West facing section of Trench 1.	E	DM 27/02/19
97	Location of previous section.	NW	DM 28/02/19
98-99	Location shots of next section.	NW	DM 28/02/19
100	West facing section of Trench 2.	E	DM 28/02/19
101	East facing section of Trench 2.	W	DM 28/02/19
102	Levelling deposit (102).	NW	DM 28/02/19
103-105	SW facing section of (102).	NE	DM 28/02/19
106-107	Levelling deposit (102).	NW	DM 28/02/19
108-110	Trench 2.	VAR	DM 28/02/19
111	Trench 1.	NW	DM 28/02/19
112	SW facing section Trench 1.	NE	DM 28/02/19
113-114	Trench 1.	SE	DM 28/02/19
115-116	Trench 2.	VAR	DM 28/02/19
117-120	SW facing section (101).	NE	DM 01/03/19

121	Location of (101),	NW	DM 01/03/19
122	VOID	N/A	N/A
123	Location shot of next section.	SW	DM 01/03/19
124	West facing section of Trench 2.	E	DM 01/03/19
125	Location shot of next section.	SW	DM 01/03/19
126-128	West facing section of Trench 2 + bricks.	E	DM 01/03/19
129	Location of bricks.	SW	DM 01/03/19
130-134	Location of bricks in relation to existing buildings.	SW	DM 01/03/19
135	Working shot in Trench 1.	NE	DM 01/03/19
136	VOID	N/A	N/A
137	Location of section 5 in Trench 1.	NE	DM 01/03/19
138	Location of section 5 in Trench 1.	NW	DM 01/03/19
139-141	SW facing section (103).	NE	DM 01/03/19
142-143	MISSING	N/A	N/A
144-145	Trench 1 (103).	VAR	DM 01/03/19
146-147	Location of Trench 3.	VAR	DM 02/03/19
148	Removing tarmac.	SE	DM 02/03/19
149	Wall ? (302).	NE	DM 02/03/19
150	Location of (302).	NE	DM 02/03/19
151-154	Location of (302).	VAR	DM 02/03/19
155-156	General shots of Trench 3.	SE	DM 02/03/19
157-158	Hidden manhole in Trench 3.	NE/SE	DM 02/03/19
159	Existing pipe in Trench 3.	SW	DM 02/03/19
160-162	Wall footings.	NE	DM 02/03/19
163-167	Surface (306).	VAR	DM 02/03/19
168-169	General shots of Trench 3.	NW	DM 02/03/19
170-174	General shots of Trench 3.	NE	DM 02/03/19
175	General shot of Trench 3.	NW	DM 02/03/19
176	Section of Trench 3.	NW	DM 02/03/19
177	Location of previous shot.	NW	DM 02/03/19
178	Wall footings.	NE	DM 02/03/19
179-181	Trench 3.	NW	DM 02/03/19
182-183	Trench 4.	SW	DM 04/03/19
184-185	NW facing section Trench 4.	SE	DM 04/03/19
186-187	SE facing section Trench 4.	VAR	DM 04/03/19
188	Trench 2.	SE	DM 04/03/19
189-190	SE facing section Trench 2.	NW	DM 04/03/19
191-192	Location of previous shot.	SE	DM 04/03/19
193	Surfaces (104) (105).	SE	DM 04/03/19
194-196	Surfaces (104) (105).	NW	DM 04/03/19
197	Surfaces (104) (105).	NW	DM 04/03/19
198-199	SW facing section surfaces (104) (105).	NE	DM 04/03/19
200	Surfaces (104) (105).	SE	DM 04/03/19
201	(105).	NW	DM 04/03/19
202	Trench 1.	SE	DM 04/03/19
203-204	Location shot of next section.	SW	DM 05/03/19
205	NW facing section Trench 2.	SE	DM 05/03/19
206	Location shot of next section.	SW	DM 05/03/19
207	NW facing section Trench 2.	SE	DM 05/03/19
208	Location shot of next section.	NW	DM 05/03/19
209-212	SW facing section surfaces (104) (105).	NE	DM 05/03/19
213-214	Location shot of next section.	SW	DM 05/03/19

215	NW facing section Trench 1.	SE	DM 05/03/19
216-217	Location shot of next section.	SW	DM 05/03/19
218	NW facing section Trench 2.	SE	DM 05/03/19
219-220	Chamber in Trench 1.	NE	DM 06/03/19
221-223	Location shots of Trench 5.	E	DM 06/03/19
224	North facing section Trench 5.	S	DM 06/03/19
225	Location shot of next section.	W	DM 06/03/19
226-227	South facing section Trench 5.	N	DM 06/03/19
228	Location shot of next section.	N	DM 06/03/19
229	South facing section Trench 5.	N	DM 06/03/19
230	North facing section Trench 5.	S	DM 06/03/19
231-232	North facing section Trench 5.	S	DM 06/03/19
233-235	Trench 5.	VAR	DM 06/03/19
236	Location shot of next section.	NE	DM 06/03/19
237	East facing section Trench 5.	W	DM 06/03/19
238	East facing section Trench 5.	W	DM 06/03/19
239	Old services.	NW	DM 06/03/19
240-241	Old services.	NW	DM 06/03/19
242-244	Chamber in Trench 1.	VAR	DM 06/03/19
245-246	Trench 6.	SW	DM 06/03/19
247-249	Remains of culvert.	N	DM 06/03/19
250	MISSING	N/A	N/A
251-254	Trench 7 inside patio area.	E	DM 07/03/19
255-256	North facing section Trench 7.	S	DM 07/03/19
257-260	Trench 7.	W	DM 07/03/19
261-262	North facing section Trench 7.	S	DM 07/03/19
263-265	Garden wall.	E	DM 07/03/19
266-268	Trench 7 outside patio area.	E	DM 07/03/19
269-270	Trench 7 outside patio area.	W	DM 07/03/19
271-272	North facing section Trench 7.	S	DM 07/03/19
273-278	Hole made through garden wall.	VAR	DM 07/03/19
279-280	Trench 1.	E	DM 07/03/19
281-282	NW facing section Trench 1.	SE	DM 07/03/19
283-290	Trench 7 grease/fat trap.	E	DM 07/03/19
291-292	Trench 7 grease/fat trap.	W	DM 07/03/19
293	Trench 7 grease/fat trap.	N	DM 07/03/19
294-297	Trench 7 grease/fat trap.	VAR	DM 07/03/19
298	West facing section Trench 7.	E	DM 07/03/19
299-300	Trench 6.	NE	DM 08/03/19
301	Trench 6.	SW	DM 08/03/19
302-303	NW facing section Trench 6.	SE	DM 08/03/19
304-305	Trench 8 well (803).	S	DM 08/03/19
306-308	Trench 8 well (803).	N	DM 08/03/19
309	East facing section Trench 8.	W	DM 08/03/19
310-311	Trench 1.	SW	DM 08/03/19
312	Trench 1.	NE	DM 08/03/19
313	NW facing section Trench 1.	SE	DM 08/03/19
314-316	Trench 8 well (803).	N	DM 08/03/19
317-318	East facing section (803).	W	DM 08/03/19
319	Trench 8 well (803).	S	DM 08/03/19
320-322	Trench 8 well (803).	W	DM 08/03/19
323	Trench 8 well (803).	S	DM 08/03/19

324-326	Trench 8 well (803).	E	DM 08/03/19
327-328	Trench 6.	VAR	DM 08/03/19
329-331	NW facing section Trench 6.	SE	DM 08/03/19
332-340	Comparing well for pipe.	VAR	DM 08/03/19
341-343	Trench 8 across access to patio area of barn.	VAR	DM 08/03/19
344-349	Trench 6.	VAR	DM 11/03/19
350	North facing section Trench 6.	S	DM 11/03/19
351	Trench 6.	E	DM 11/03/19
352	North facing section Trench 6.	S	DM 11/03/19
353-356	Trench 8.	VAR	DM 11/03/19
357-358	Culvert (806) in Trench 8.	N	DM 11/03/19
359-360	Trench 1.	VAR	DM 11/03/19
361-362	NW facing section Trench 1.	SE	DM 11/03/19
363-364	SE facing section Trench 1.	NW	DM 11/03/19
365-367	Trench 9 area.	VAR	DM 11/03/19
368-371	Trench 8.	VAR	DM 11/03/19
372-373	Topsoil stripping.	VAR	DM 11/03/19
374-376	Trench 8.	VAR	DM 11/03/19
377-378	Chamber for Trench 6.	N	DM 11/03/19
379-382	Stripping of Trench 9.	VAR	DM 11/03/19
383	VOID	N/A	N/A
384-387	Stripping of Trench 9.	VAR	DM 11/03/19
388-389	Digging chamber for Trench 6.	SW	DM 11/03/19
390-396	Digging chamber for Trench 6.	VAR	DM 11/03/19
397-406	Wall in Trench 9.	VAR	DM 11/03/19
407-409	Wall in Trench 9.	N	DM 11/03/19
410-411	Wall in Trench 9.	NW	DM 12/03/19
412	Wall in Trench 9.	S	DM 12/03/19
413-416	Section along wall.	W	DM 12/03/19
417-419	Digging of wall.	N	DM 12/03/19
420-422	South facing section of Trench 9 + wall.	N	DM 12/03/19
423	MISSING	N/A	N/A
424-426	North facing section of Trench 9 + wall.	S	DM 12/03/19
427-430	Trench 8.	VAR	DM 12/03/19
431	VOID	N/A	N/A
432	VOID	N/A	N/A
433	Trench 9.	VAR	DM 12/03/19
434	VOID	N/A	N/A
435-436	Trench 9.	VAR	DM 12/03/19
437	VOID		
438-443	Trench 9.	VAR	DM 13/03/19
444-446	Trench 10.	VAR	DM 13/03/19
447	VOID	N/A	N/A
448	VOID	N/A	N/A
449-450	(1004).	VAR	DM 13/03/19
451	VOID	N/A	N/A
452-457	(1004)	VAR	DM 13/03/19
458-460	North facing section (1004).	S	DM 13/03/19
461	VOID	N/A	N/A
462	VOID	N/A	N/A
463-469	(1002).	VAR	DM 13/03/19
470-471	South facing section (1002).	N	DM 13/03/19

472	(1002).	W	DM 13/03/19
473	South facing section Trench 10.	N	DM 14/03/19
474	Location of earlier shot.	W	DM 14/03/19
475	VOID	N/A	N/A
476	Trench 10 + location of next shot.	E	DM 14/03/19
477	VOID	N/A	N/A
478	South facing section Trench 10.	N	DM 14/03/19
479-480	South facing section after removal of (1002).	N	DM 14/03/19
481	VOID	N/A	N/A
482-483	Trench 9.	VAR	DM 14/03/19
484-489	Modern service.	VAR	DM 14/03/19

10.0 Appendix 3 ~ Assessment of Finds

by Berny McCluskey

On-Site Archaeology Ltd recovered an assemblage of finds during an archaeological investigation at Wentworth Castle Gardens, Barnsley. This report details the provisional identification and assessment of the finds from this investigation. The finds were quantified and catalogued and are presented within Tables 1 and 2.

Table 1

Type	Number of sherds/fragments	Number of vessels/objects
CBM	4	4
Glass	11	11
Metal	3	3
Total	18	18

CBM (ceramic building material)

The CBM assemblage comprised solely of three sample bricks and a capping brick. The sample bricks were taken from context (803) and appeared to have once been part of a structure. The capping brick was used to cap and warn of below ground electrical cables, recovered from context (203). The brick assemblage is most likely 20th century in date.

Glass

A total of 11 clear glass bottles were recovered from context (101). These represented 20th century domestic waste comprised of spirit, food and cleaning products.

Metal

Three un-stratified heavily corroded objects were recovered. These are most likely agricultural components of 19th or 20th century date.

Discussion and Conclusion

The assemblage is most likely of a 20th century date comprised of domestic and probably agricultural waste.

Retention

Consideration should be taken to whether or not these objects hold any value to be retained for potential future study. It is the opinion of On-Site Archaeology that these finds could be discarded following agreement with the relevant archive.

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Table 2.

Context no.	Type	Common name	No. vessel s/objects	Comments	Date range – centuries/period
101	Glass	Bottle	11	Various clear glass bottles. Spirit, food and cleaning bottles. Booths dry gin, Heinz, Dettol and Shippam's.	20 th
203	CBM	Brick	1	Electric cable capping brick	20 th
803	CBM	Brick	3	Three sample handmade red bricks, 230mm x 110mm x 75mm. One brick slightly curved. Yellowish brown mortar with lime and charcoal fleck inclusions. Two bricks with adhering residue.	Late 19 th

11.0 Appendix 4 ~ Plates.



Plate 1. Trench 1. Southwest facing section of wall (103).



Plate 2. Trench 1. Surfaces (104) and (105), looking northwest.



Plate 3. Trench 2, looking southeast.



Plate 4. Wall (302) in Trench 3, looking northeast.



Plate 5. Trench 4, looking southwest.



Plate 6. Trench 5, looking southeast.



Plate 7. Trench 6, looking northeast.



Plate 8. Northwest facing section of Trench 6.



Plate 9. Trench 7 (southwestern part), looking northeast.



Plate 10. West facing section of Trench 7 (northeastern part).



Plate 11. Trench 8 showing Well/Cistern (803), looking southeast.



Plate 12. Well/Cistern (803) in Trench 8, looking southwest.



Plate 13. Wall (902) in Trench 9, looking southeast.



Plate 14. Wall (1004) in Trench 10, looking southwest.



Plate 15. Surface (1005) in trench 10, looking southwest.

12.0 Appendix 5 ~ Figures.

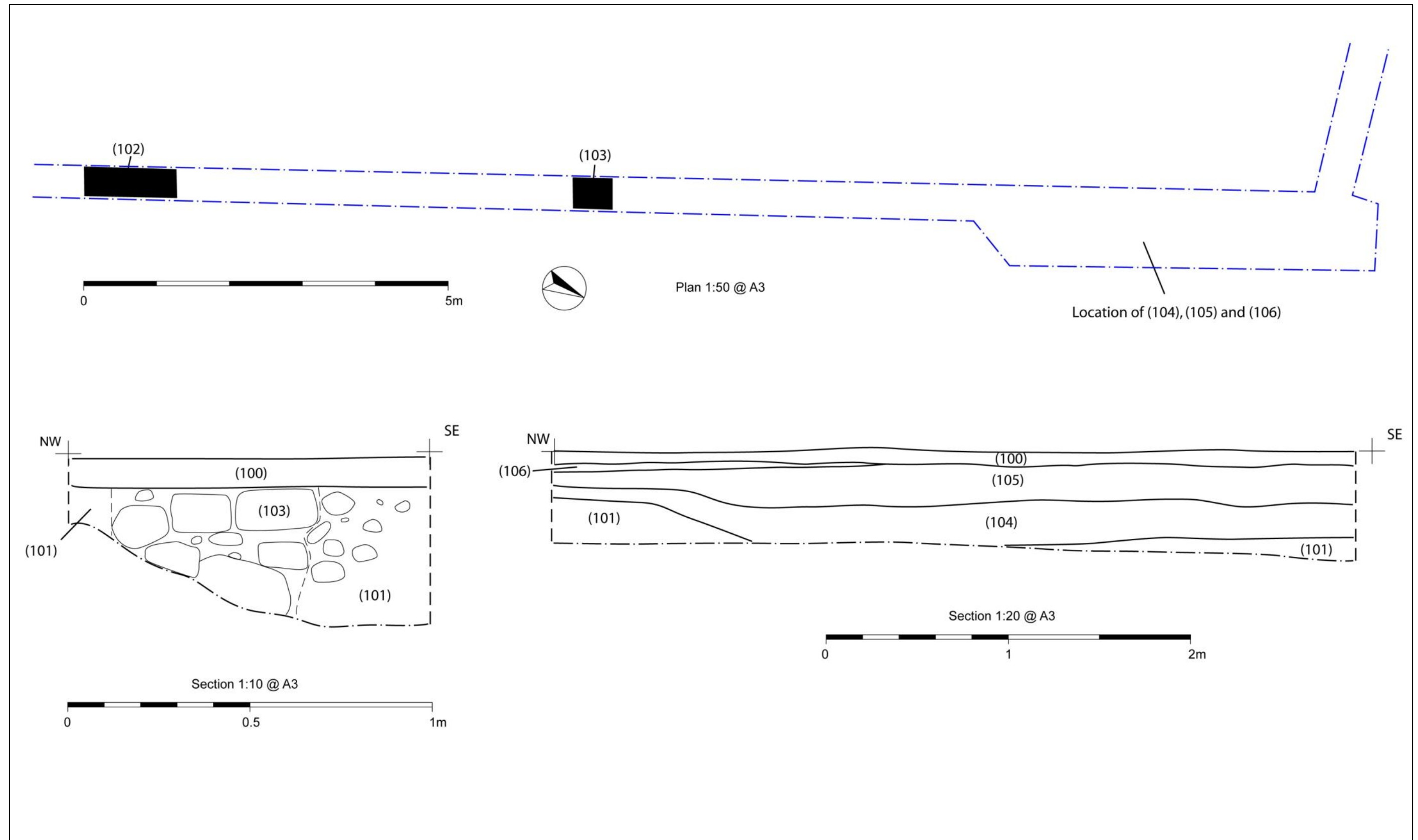


Figure 3. Plan and Sections of Trench 1 (for location of plan see Figure 6).

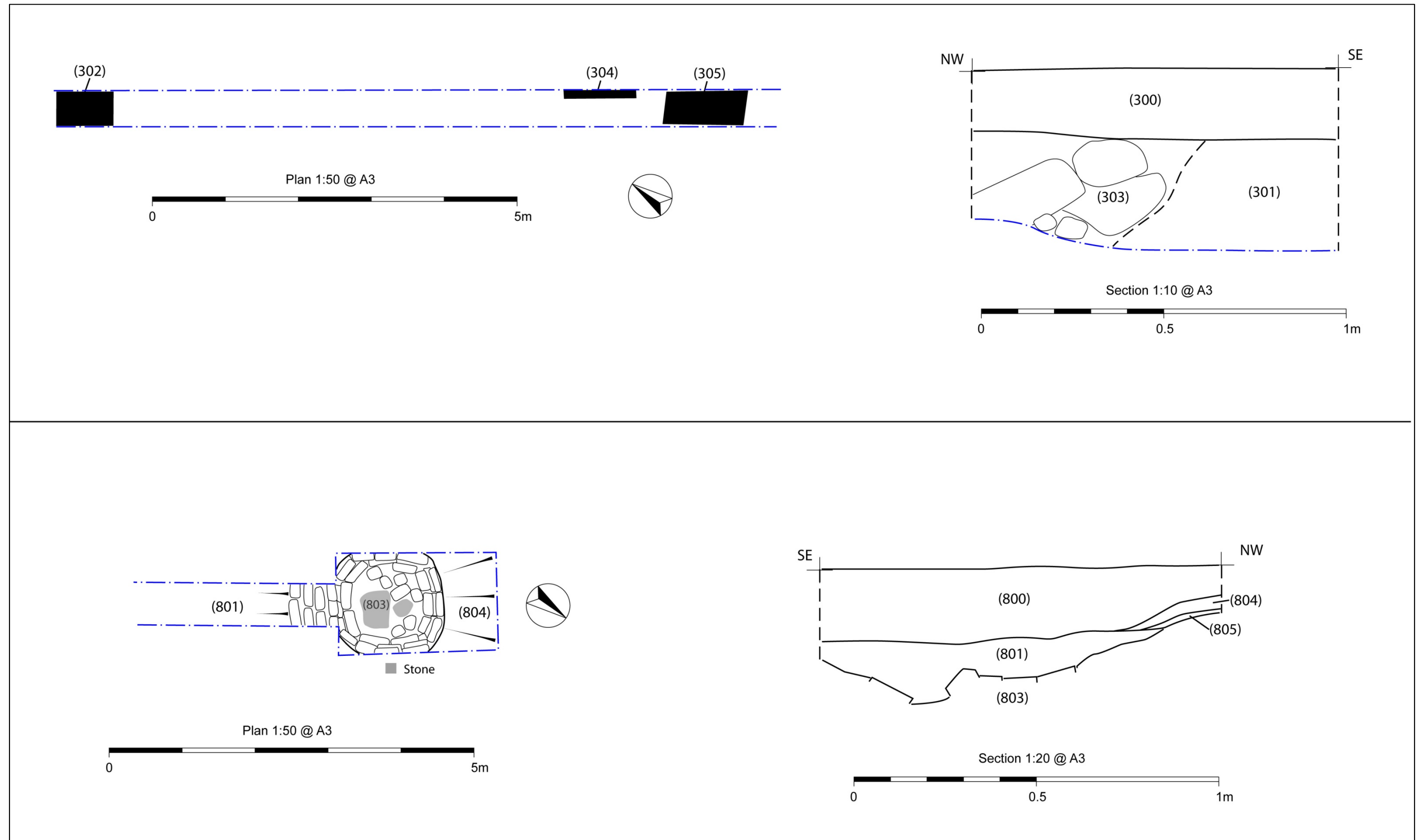


Figure 4. Plan and Section of Trenches 3 and 8 (for location of plans see Figure 6).

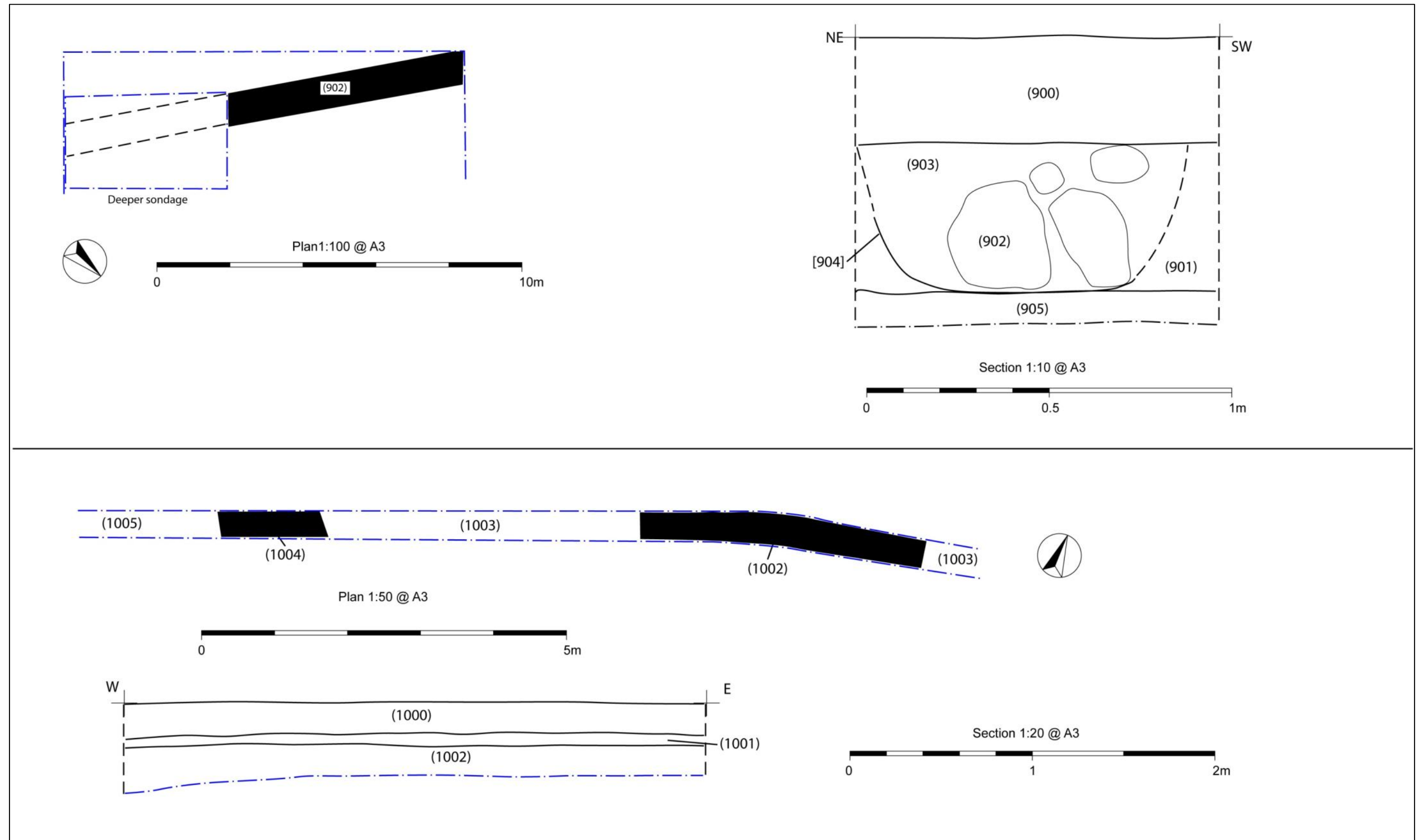


Figure 5. Plan and Section of Trenches 9 and 10 (for location of plans see Figure 6).

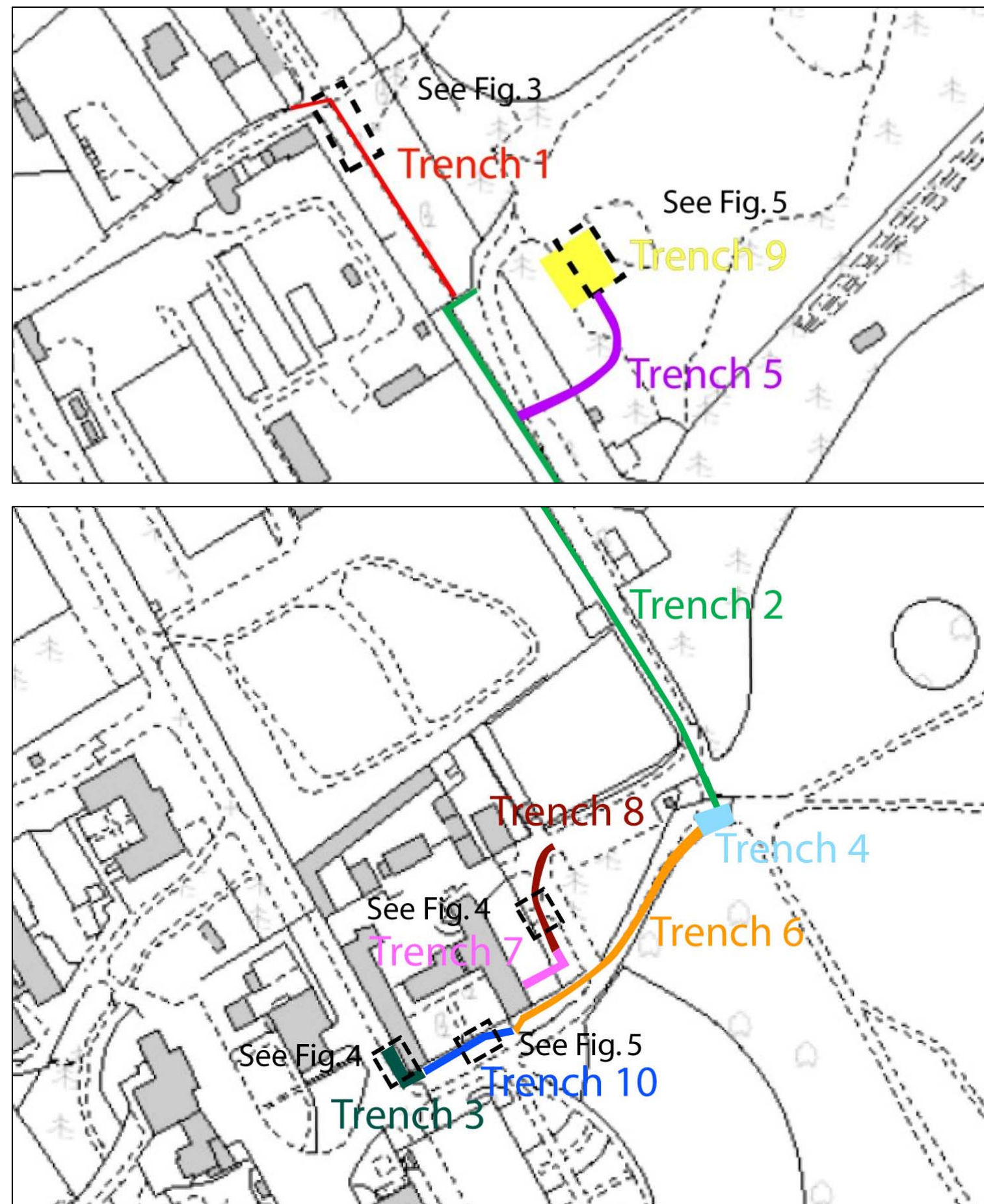


Figure 6. Location of plans from Figures 3, 4 and 5