

Bishops Palace, Bangor External Works

Archaeological Mitigation



Ymddiriedolaeth Archaeolegol Gwynedd
Gwynedd Archaeological Trust

Bishop's Palace, Bangor

External Works

Archaeological Mitigation

Interim Report

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Summary

A programme of archaeological mitigation comprising watching brief and targeted investigation has been undertaken during the re-development of the former Bishop's Palace in Bangor. A wealth of material including a sequence of intact surfaces and the footings of a previously unknown structure of a potentially medieval date were found. Associated midden deposits were also discovered offering rich spectrum of eco-facts and occasional ceramic fragments. The findings offer an insight into the usage of the site and an unprecedented understanding of how the site would have looked at certain points in the past, as well as a good indication of the potential for further preservation.

An assessment of potential for analysis, in line with the MAP2 process, will be submitted for this project. Recommendations will be made for further analysis, including the dating of eco-facts and find analysis. The dating of the contexts will help inform our understanding of the site and the significance of these findings.

1 INTRODUCTION

Gwynedd Archaeological Trust (GAT) was commissioned by *Atkins Ltd* to undertake a programme of archaeological mitigation during the re-development of the former Bishop's Palace/Town Hall, located in Bangor, Gwynedd (NGR SH58007215; Figure 1). The current interim report comprises the results of an archaeological watching brief and targeted investigation completed during external landscaping works between March 2014 and September 2015. The results of the archaeological mitigation during the structural development of the Bishop's Palace/Town Hall will be discussed in a separate report (Davidson, J. 2016 *forthcoming*).

The redevelopment works to the exterior included the excavation of several service trenches to accommodate new lighting, drainage and electric cabling; these were located to the north, west and south of the Bishops Palace. Additional works included limited excavation to the west of the building in order to create the 'café breakout area', and more extensive works to the south in order to create a new path running southeast from the main entrance, surrounded by paving and car parking bays (Figure 1).

The area to the south of the Bishop's Palace lies in front of the principal façade and most recently featured a large grassed oval planting area surrounded by tarmac. This oval layout dated back to at least the early 19th century and is depicted on the John Wood's map of 1834. No previous archaeological investigation had been undertaken within this area, however, the Archaeological Management Plan prepared for the project by GAT (Davidson, J., 2014, GAT report 1155) identified 'unprecedented potential for the survival of evidence not only pertaining to the present structure, but also to possibly earlier medieval phases of construction and to unrelated prehistoric remains'.

1.1 Watching Brief

The watching brief was completed between March 2014 and September 2015 and monitored the following contractor groundworks:

1. the excavation of the deposits within the oval planting area down to a formation level c. 0.3m below the surface;
2. the excavation and re-excavation of a trench for electric cabling running along the northwestern elevation of the Bishop's Palace;
3. the removal of tree stumps to the southwest of the Bishop's Palace, in the new 'café breakout area', and the excavation down to formation level of this area;
4. the removal of the blocked drain to the southwest of the building, and the instillation of new drain pipe;
5. the excavation of a lighting cable trench;
6. the excavation of a drainage trench across the carpark area and
7. The stripping of a triangular planting area to the south of the Bishop's Palace.

1.2 Archaeological Investigation

The archaeological investigation comprised the excavation of two hand-dug trenches, which were completed between August and September 2015.

1.2.1 Trench 1

Trench 1 targeted a linear feature, likely to be a walkway (designated feature no. [144]), which runs on a northwest/southeast axis from the door of the Bishop's Palace towards the Cathedral. This feature was identified during the initial watching brief undertaken in March 2014, and a proposal for its investigation was included within the project design issued in July 2015 (see Appendix I). It was shown to comprise an irregular sandstone surface with an associated levelling layer, flanked by possible gullies. As part of this excavation portions of the cobbled surface [110] and the underlying stone flagged surface [111] were removed by hand in order to understand their relationship with the walkway. A deliberately backfilled paleochannel [091] was identified running below the walkway and this feature was also investigated. The trench was orientated northeast/southwest; measured 5.75m x 1m and was excavated to a maximum depth of 0.9m.

1.2.2 Trench 2

Trench 2 targeted an L-shaped section of walling [106], likely to be part of a building, identified below the cobbled and stone flagged surfaces, [110] & [111]. This previously unknown feature was discovered during the excavation of the car parking area. No FAWD was produced for this component of the project; however GAPS were involved throughout the process. A full investigation of this area proved beyond the scope of these works; excavation revealed a complex sequence of intercutting pits, demolition material and deposits associated with an extensive episode of burning, all of which appeared to post-date the demolition of the building. This trench was orientated northwest/southeast, measured 5.3m x 2.5m and was excavated to a depth of 0.8m.

1.3 Archaeological Monitoring

The scheme was monitored by the Gwynedd Archaeological Planning Service (GAPS).

A project design was prepared by GAT in accordance with the guidelines specified in *Standard and Guidance: Archaeological watching brief* (Chartered Institute for Archaeologists, 2014), and the *Standard and Guidance: Archaeological Excavation* (Chartered Institute for Archaeologists, 2014). The project design was submitted to and approved by GAPS in July 2015.

2 BACKGROUND

(reproduced from GAT report 155)

2.1 Topography

The city of Bangor occupies the narrow, steep sided valley of the Adda which runs parallel to the Menai Strait and opens out at its northeastern end onto the sheltered Penrhyn Bay. The River Adda has been variously canalised and culverted and is no longer visible, though its influence on the development of the City is apparent. Over the centuries Bangor evolved from an early Christian settlement to a significant commercial centre, which saw considerable growth in the late 18th century. A decline in industry in recent years has been balanced in part by the growth of the educational institutions (Davidson, 2007). The Bishop's Palace is located in the centre of the modern city, on the former northern bank of the Adda, with the Cathedral to the south and the University to the north.

2.2 Archaeology

The grounds of the Bishop's Palace hold great significance as, despite their location at the centre of the city, they have remained for the most part undisturbed by development, having been used as gardens since the medieval period. There is therefore unprecedented potential for the survival of evidence not only pertaining to the present structure, but also to possibly earlier medieval phases of construction and to unrelated prehistoric remains.

Several phases of excavation have been undertaken by Gwynedd Archaeological Trust (GAT) in recent years, targeting the area to the east and southeast of the Bishop's Palace (see fig.). This work was undertaken in advance of the construction of a new police station. The excavations revealed the foundations of outbuildings associated with the palace from the late 18th to early 19th century, as well as 16th and 17th boundaries. The excavations also recovered a wealth of information indicating 'considerable activity and probably occupation on this site before the 15th century' (Smith, G. 2005, 3). The areas to the south and west of the Bishop's Palace have not been investigated, however work to date has demonstrated 'that there exists a considerable build-up of soils, including rubbish layers with well-preserved waterlogged material' (Smith, G. 2005, 3).

3 METHODOLOGY

The archaeological mitigation for the external groundworks was completed between the 20th and 28th March 2014 and the 9th July and 23rd September 2015.

The primary aim of the archaeological mitigation was to identify and preserve by record all archaeological deposits located within the defined excavation areas. The following methodology was used throughout:

- The archaeological mitigation areas were located using a Trimble R8 GNSS/R6/5800 GPS receiver (<10cm accuracy), (Figure 1);
- Excavation was undertaken using a tracked mechanical excavator; deposits were removed in controlled layers. The machine work was supervised by the GAT team;
- A photographic record was maintained using a NIKON D40X digital SLR camera set to maximum resolution in RAW format (3872 x 2592 pixels);
- A complete table of metadata with details of each image, including descriptions and directions of shot was produced using Microsoft Access; a total of 439 images were taken during this stage (archive references G2358_0247 to G2358_0294 & G2358_746 to G2358_1138 cf. Appendix V);
- All archaeological deposits and features were cleaned by hand by the GAT site team;
- All archaeological features and deposits were recorded on GAT pro-formas (cf. Appendix II);
- a stratigraphic site matrix compiled; a total of 155 contexts were recorded (Contexts 001 to 155; cf. Appendix III);
- All sections were drawn to a scale of 1:10 and plans were drawn to a scale of 1:20 (Archive reference: Drawing 10 to 21);
- A total of 13 bulk palaeoenvironmental samples were recovered from site (Archive reference: Samples 01 to 13);
- A total of 24 artefacts were recovered during the archaeological mitigation (Archive reference: Find Number 01 to 24, cf. Appendix IV).

4 WATCHING BRIEF RESULTS

The watching brief targeted seven areas:

1. oval planting area;
2. an electric cable trench running along the northwestern elevation of the Bishop's Palace;
3. removal of tree stumps to the southwest of the Bishop's Palace, in the new 'café breakout area', and the excavation down to formation level of this area;
4. removal of the blocked drain to the southwest of the building, and the installation of new drain pipe;
5. excavation of a lighting cable trench;
6. excavation of a drainage trench across the carpark area; and
7. excavation of a triangular planting area.

For the purposes of this section, context numbers within square brackets (e.g. [005]) represent cut features, and built structures, and context numbers within round brackets (e.g. (001)) represent deposits and fills.

For the site matrix and list of contexts, cf. Appendices II and III respectively.

4.1 Oval Planting Area

The oval planting area was positioned centrally in front of the main southeast facing façade of the Bishop's Palace (Figure 1). This feature, likely to be at least early 19th in date, measured 28m x 15m and was orientated on a northwest/southeast axis. It consisted of a turfed area with a sundial set on a substantial stone plinth positioned centrally, flanked by two stands of mature *Ilex* (see Plate 1). The feature was bordered by a modern concrete kerb and the surrounding area was tarmacked and used for parking.

The turfed area was stripped of topsoil revealing an intact cobbled surface (Context 110), which was cleaned and recorded by GAT; the area was subsequently sealed by the main contractor using a geotextile membrane and gravel to create a temporary working area. In August 2015 the gravel and membrane were removed and the cobbles were then lifted. This revealed a second intact surface formed of stone flags (Context 111). This second surface was recorded by GAT but then for the most part left in situ, though the removal of a small section in the southeast corner revealed an L-shaped section of wall, likely to be part of the foundations of a building [109] (cf. para. 5.2 for a detailed description of results).

4.1.1 Cobbled surface

The cobbled surface was sealed by turf and topsoil and was constructed from a single course of rounded oval beach pebbles set vertically onto a separate levelling layer. The cobbles were well sorted and ranged in size from 0.15-0.08m in length; being closely packed with no bonding material used. The surface was somewhat undulating and dropped away slightly to the southwest.

A linear break in the cobbles, 3.15m wide was observed running northwest/southeast, lining up with the main door of the Bishop's Palace and an existing path leading up towards the Cathedral. This feature, interpreted as a walkway or 'processional way', was assigned Context number [144] and was targeted by archaeological Trench 1 (cf. para 5.1). On either side of this walkway the cobbles were arranged to form a distinct border comprising a line of large cobbles set horizontally end to end, with two lines of smaller cobbles on the inside (see Plate 3). A single line of large cobbles set horizontally end to end was also observed running on a northwest/southeast alignment towards the eastern side of the area. The cobbles were otherwise laid randomly, though several short lines were just discernible running northeast/southwest to the east of the walkway (see Figure 2).

The cobbled surface was truncated by a later concrete kerb which bordered the oval planting area as well as by several modern features including two irregular holes where the trees had been planted, three linear cuts for service trenches and several concrete pads associated with a former flagpole (see Figure 2). The cobbled surface was observed continuing outside the oval planting area and it was determined that it pre-dated this feature.

The cobbles were set into a levelling layer (Context (083)/(085)), which measured 0.12m in depth and consisted of a dark grey-brown clay-silt containing stone inclusions as well as occasional fragments of mortar, animal bone and marine shell. A small copper artefact possibly a button or nail head (find no. 05) was found within this deposit towards the northern edge of the area.

4.1.2 Stone flagged surface

The levelling deposit sealed an earlier deposit of irregular slabs of a blue-grey coarse slate/shale (Context (111)). The slabs measured <0.05m thick and <1.0m across and were fitted close together, but were not bonded (see Plate 4 and Figure 3). A 3.9m wide linear break in the stone surface was observed running northwest/southeast, lining up with the main door of the Bishop's Palace and an existing path leading up towards Bangor Cathedral. This feature (Context (144)) was interpreted as a former walkway connecting the Bishop's Palace to Bangor Cathedral that was still in use when the later cobbled surface was constructed. The edges of the slabs where they met the walkway were neatly cut.

The stone flagged surface was truncated by the later features that also cut the cobbled surface; no additional features were observed cutting this surface.

The stone surface was for the most part left in situ, however in the southwest corner the slabs had subsided and these were lifted during the machining process. This area was targeted by archaeological Trench 2 (cf. para. 5.2).

4.2 Cable Trench

A 17.5m long electrical cable trench was excavated along the northwest elevation of the Bishops Palace to the western corner, where the trench then turned and continued a further 15m southwest. The trench followed the line of a modern paved footpath set below a raised planting area which sloped up to Deiniol Road (see Plate 5). The trench measured 0.65m in width and was excavated to a maximum depth of 0.5m. Following initial excavation by the site contractor the trench was backfilled, but was subsequently re-excavated by hand in order to include an additional cable.

The initial 2.5m length of trench, excavated adjacent to the building, comprised a single dark grey-brown makeup layer containing rubble, likely to be associated with 20th century landscaping works.

The remaining 15m length of trench contained a 0.4m thick dark grey-brown silt-sand-clay topsoil, which contained sub angular and sub-rounded pebble and small cobble stone inclusions, along with oyster shell fragments, modern glass and plastic refuse.

A midden deposit (Context (001)) was observed at the base of the trench 4.7m west of the building that was sealed by the topsoil. The midden deposit measured >0.35m in width and 1.2m in length and comprised a firm black silt-clay containing frequent charcoal inclusions. Sherds of a fine, handled vessel, with combed slipware decoration (find no. 018) were found in the top of this deposit, indicating a possible 18th century date. The full extent of the midden was not identified within the confines of the trench.

Some 1.75m southwest of the midden deposit, the foundations of a probable wall (Context [003]) were identified (see Plate 6). This feature was 1.88m wide and 0.25m high and was constructed from un-bonded irregular sized cobbles and orientated northwest/southeast. Several artefacts were recovered from within the fabric of the wall and included two sections of a clay pipe stem (find no. 21), the tooth of a large mammal (find no. 23) and two small sherds of pot, one of which featured a yellow glaze (find no. 22). The wall lay within a possible foundation cut [004], though this feature was not fully investigated as it extended beyond the limit of excavation. The wall was sealed by a rubble deposit (002) that comprised poorly sorted cobbles within a compact grey-brown silt matrix. Fragments of bone from a large mammal (find no. 20); a pottery sherd from the rim of a large vessel (find no. 19) and a piece of dressed stone (find no. 24) were all obtained from this deposit, which was sealed by the topsoil.

4.3 Café Breakout Area

This area comprised a modern paved path which ran immediately adjacent to the southwest wall of the Palace with a level, triangular area of grass beyond, planted with mature conifers. The groundworks monitored by GAT included the removal of the conifers and the stripping of the turf, an area 24m long, with a maximum width of 10m, to accommodate the 'café breakout area' (see Figure 1).

The tree roots removed were fairly substantial, with a maximum depth of c.0.9m. Excavation revealed a topsoil some 0.5m deep, overlying the subsoil, the full extent of which was not reached. No archaeology was observed.

The 'café breakout area' footprint was excavated to an average depth of 0.3m (see Plate 7). This revealed a levelling layer of cinder and occasional slag inclusions some 0.2m deep beneath the paved path, whilst elsewhere a dark grey-brown silt-sand topsoil containing moderately frequent sub-angular pebble inclusions, beneath which were a disused British Telecom cable orientated east/west, several earthenware drainage pipes and the top of a small stone culvert [154] running parallel to the southwestern elevation of the Palace.

4.4 Drainage Excavation

A drainage trench was excavated within the 'café breakout area' on completion of the initial topsoil strip. The L-shaped trench extended 3.5m out from the northwest elevation of the Palace before turning 90° and running southeast for 18m (see Figure 1). The excavation was 0.75m-0.90m wide and 0.45m deep at its northwest end, increasing to 0.7m deep at the southeast end where it fed into an existing manhole. The deposits identified comprised a 0.4m thick dark grey-brown silt-sand topsoil overlying an orange-brown silt-clay subsoil; a dark blue-grey alluvial clay was observed at the base of the trench at the southern end (see Plate 8).

The northwest/southeast orientated stone culvert (Context [154]) observed during the initial excavation of the café breakout area was truncated by this excavation. This feature, which cuts the subsoil, was 0.3m deep and 0.6m wide and had a dry stone lining [155] with slate slabs forming a cap which was sealed by the topsoil (see Plate 9).

4.5 Lighting Cable Trench

The lighting cable trench ran southeast down the western side of the Bishop's Palace and then continued along the southern end of the former oval planting area before returning northwest towards the southeast gable of the Palace. Due to the length of the trench and the complexity of the deposits encountered it was divided up into 6 sub-sections (A-E) (see Figure 1). The trench linked five lamp post footings, each of which was dug wider and deeper than the rest of the trench. The lamp post footings measured c. 1.2m x 0.7m and were excavated to a depth of <1.2m.

4.5.1 Section A

Lighting cable trench A ran southeast from the southwest end of the electric cable trench at the northern boundary of the site down to the northeast/southwest orientated walkway that formed the southern boundary of the site. Section A measured 63m in length, approximately 0.65m wide and was excavated to a maximum depth of 0.6m. Three lamp post footings (nos.1, 2 and 3) were included along its length.

The majority of this trench section cut through a level grassed area on the edge of the bowling green. The deposits comprised 0.3m thick topsoil that sealed a 0.4m thick levelling deposit. The levelling deposit sealed a blue grey alluvial deposit (observed only at the base of two lamp post footings). The top of a stone lined culvert was observed in the base of the trench orientated north/south some 56m from the northwest end. This was not fully investigated, but may have been a continuation of the culvert (Context [154]) identified in the drainage trench excavated to the west of the Palace.

The remaining 9m of Section A truncated a concrete kerb and crossed into the carpark to the south of the Palace. The deposits here were more complex, featuring ten different 20th century levelling and surface layers. A portion of this trench, some 3.4m in length was excavated to a greater depth of 0.6m revealing a cobbled surface (Context (052); part of feature [110]) overlying an associated levelling layer (Context (053); see Figure 2). At the base of this deeper section a stone flagged surface (Context (054); part of feature [111]) was observed (see Plate 10 and Figure 3).

4.5.2 Section B

Section B was orientated west-southwest/east-northeast and followed the southern boundary of the site (see Plate 11). This section measured 3.95m long and 0.72m wide and was excavated to a depth of 0.5m. The identified deposits were a continuation of the 20th century levelling and surfacing deposits observed in Section A. This section of trench did not

extend deep enough to investigate the cobble and stone flagged surfaces seen elsewhere on the site.

Lamp post footing 4 located at the eastern end of section B was excavated to a maximum depth of 1.2m. Given the confines of this trench it only proved possible to record the lower deposits in section. A disturbed cobble layer (Context (038)) was recorded 0.55m below the surface level and was interpreted as part of feature [110]. This sealed a levelling layer (Context (039)) from which a fragment of 20th century pottery was recovered (small find no. 2) indicating continued disturbance. Remnants of a disturbed stone flagged surface (Context (040); part of feature [111]) were identified; these overlay two clay-silt make-up/levelling layers (Contexts (041) and (042)).

4.5.3 Section C

Section C was orientated northeast/southwest and measured 9.3m in length, 0.43m in width and was excavated to a depth of 0.53m (see Plate 12). The sequence of 20th century levelling deposits recorded in Section B continued, though were truncated at the northeast end by a concrete kerb and a section of modern cobbled surface. An earlier cobbled surface (Context (043); part of Context [110]), was encountered 0.31m below the surface level. This surface stopped 1.7m from the southwest end of Section C; a raised band of cobbles (Context (044)), 0.30m wide formed a rough edging. Beyond this was a disturbed/ backfilled deposit (Context (045)), likely to be associated with the disturbance noted in the lamp post footing of section B.

4.5.4 Section D

Section D ran north/south across the entrance to the site measured 7.18m long, 0.45m wide and 0.45m deep. The sequence of 20th century levelling deposits recorded in Section C remained broadly similar, though with some variations towards the northern end. A cobbled surface (Context (055); part of feature [110]) was recorded at the base of the trench. This surface featured a single line of large cobbles set horizontally end to end orientated northwest/southeast (see Plate 13 & Figure 2), similar to that seen in the main oval area. At the southern end of the trench the surface was truncated by a north-northeast/south-southwest running linear feature (Context [146]) filled by a layer of cobbles set within a distinct yellow clay (Context (055)), this feature was not fully investigated but may represent an area of repair. At the northern end of the trench the surface stopped at a ragged line, indicating a later truncation.

4.5.5 Section E

Section E ran north-northeast/south-southwest adjacent to a modern wall that extended south from the gable of the southeast wing of the Bishops Palace, forming the eastern boundary to the site. This section measured 12.80m long, 0.45m wide and 0.7m deep (Figure 6). Lamp post footing 5 was located at the northern end of this trench and was excavated to a depth of 1.2m.

The present tarmac surface (Context (028)) sealed a sequence of modern levelling and surfacing deposits, including the cut of a service trench (Context [084]) at the southern end. Beneath the levelling and surfacing deposits was a slightly disturbed cobbled deposit (Context (069)), this did not comprise a properly laid surface, though the density of cobbles indicated it once did. The cobble deposit sealed associated levelling deposits (Context (070)) to the north and (Context (080)) to the south. These two deposits were separated by the foundations of a wall (Context [077]), located towards the northern end of the trench (cf. Figure 6). The wall was orientated northeast/southwest and was rubble built of mixed rough blocks and bonded using a coarse lime mortar. In the west facing section of the trench the wall measured 0.87m wide and >0.40m high; the masonry was observed continuing across the base of the trench, but did not appear in the opposing section, indicating a possible doorway (see Plate 14).

A second possible wall (Context [076]) was observed at the southern end of this trench section, lying below levelling deposit (Context (080); cf. Plate 15). This wall was orientated northeast/southwest and measured 1.00m wide, >0.17m high and was rubble built of irregular flat slabs. No bonding material was observed *in situ*, though some was noted in the surrounding deposits, indicating probable disturbance. Neither wall was fully excavated as they extended beyond the limit of excavation, thus it was not possible to gain a clear understanding of their form or function.

At the base of the trench a rich midden deposit (Context (062)) was identified, built up against the southern face of wall (Context [077]), this continued along the base of the trench for c.8.10m and was >0.18m thick. The midden comprised a soft dark brown silt-clay deposit with frequent whole and broken marine shells, including frequent oyster and mussel shells and less frequent smaller bi-valves including cockles and occasional gastropods such as winkles. Occasional whole and broken mammal and bird bones were also noted along with small to medium sub-angular cobbles. Two sherds of a coarse glazed pot (find no.1) of a possible late medieval date were obtained from this deposit.

Within the lamp post footing (no.5) at the northern end of this trench a second midden deposit (Context (073)) was observed at the base of the trench, 1.00m below the surface level; it was not possible to fully record this due to significant water table ingress.

4.6 Drainage Trench (Car park Area)

A second drainage trench was excavated to the immediate southeast of the Bishop's Palace, through the tarmacked parking area. The trench commenced at an existing manhole close to the gable of the southeastern wing of the Palace and ran southeast for 16.5m before turning and running southwest for a further 2.5m. The trench was 0.8m wide and 1.9m deep at its northern end, but widened to 1.3m after some 5m and gradually decreased in depth to 1.5m at the southern end. The trench ran parallel with and adjacent to section E of the Lighting Cable Trench.

Towards the northern end of the trench a large service trench (Context [149]) was observed sealed by the modern tarmac (Context (028)) and associated levelling layer (Context (105)). The service trench was 1.2m wide and 0.90m deep and was orientated east-northeast/west-southwest; it may be the same as linear [018] recorded within the main oval area. The service trench cut through a partially disturbed cobble layer (Context (106); part of feature no. [110]; see Plate 16). The cobbles sealed thick levelling deposits (Contexts (108) and (107)). The latter was 0.65m thick and sealed the remnants of a wall foundation (Context [151]; see Plate 17). This wall may have been a continuation of the wall identified in Lighting Trench E and measured 0.55m wide, 0.80m high. The wall was located within a possible foundation cut (Context [112]). A midden deposit (Context (149)) lay to the north of the wall; and measured 0.9m thick with inclusions of marine shells and animal bone. To the south were two levelling layers (Contexts (153) and (108)) that contained some rubble inclusions, possibly from the nearby wall. At the base of the trench an alluvial gravel deposit (Context (150)) was noted.

4.7 Triangular Planting Area

A small triangular planting area set in the northeast corner formed by the main range of the Bishop's Palace and the southeastern wing. The planting area measured 10m x 5m (Figure 1) and was bordered by a concrete kerb.

The area was machine excavated to a uniform depth of 0.10m. The exposed stratigraphy was limited to topsoil and a modern manhole.

5 ARCHAEOLOGICAL INVESTIGATION RESULTS

5.1 Trench 1

Trench 1 targeted a linear feature, likely to be a walkway (designated feature no. [144]), which ran on a northwest/southeast axis, from the door of the Bishop's Palace towards the Cathedral. This feature was identified during the initial watching brief. This trench was 5.75m long x 1m wide and was excavated to a maximum depth of 0.9m; it was positioned in the approximate middle of the feature and straddled its full width (Figure 7).

Excavation revealed a compacted sandstone path (Context (023)), which was level with the cobbles to either side (see Plate 018). This surface was formed of irregular, poorly sorted slabs and fragments of a dark yellow sandstone laid onto a levelling layer (Context (078). Though uneven, the surface had a discernible camber to it, dropping down from a slight crown to either side. The surface was flanked by small gullies (Contexts [024] [025]) which separated the path from the cobbles on either side. The stone flagged surface (q.v.; feature no. [111]), which was sealed by the cobbles was also recorded in the trench and was clearly shown to respect the line of the walkway.

The stone flags to the east of the walkway were removed and shown to be laid onto a thick, compact deposit (Context (086)), which was cut by a substantial paleochannel (Context [091]), the full width of which was not seen. The palaeochannel measured >0.75m deep and >0.95m wide (see Plate 019) and was orientated northwest/southeast; it was identified as a likely tributary to the now culverted Afon Adda which flows east/west to the immediate south of this site. The lower deposits within this channel appear to be the product of alluvial deposition and included a layer of preserved twigs (these showed no evidence of having been worked) (Context (096)), below lenses of gravel and clay (Contexts (097), (095), (094) and (093)). The upper deposits within the channel appeared to be the result of deliberate backfilling, and are likely to be associated with the construction of the paved surface Context [111]). These deposits contained demolition and occupation material, such as animal bone, stone and mortar.

5.2 Trench 2

Trench 2 was located on the southeast edge of the oval planting area (see Figure 1). Excavation in this area was not planned, but was undertaken by the construction team due to concerns regarding subsidence, which was encountered whilst removing the deposits which overlay the stone flagged surface (feature no. [111]).

An area of stone flags, measuring approximately 4.0m x 1.5m was removed and revealed an L-shaped section of walling (Context [109]). Following consultation with GAPS the area was expanded out to the east to form a northwest/ southeast orientated rectangular trench that measured 5.3m x 2.5m. The deposits in the trench extension were removed in sequence by GAT and recorded in plan. Figure 8 shows the southwest facing section of this trench. The western edge of the area where deposits had been lost during the initial machine excavation was straightened out to form a second section which cut diagonally across the trench (see Figure 9).

Excavation revealed a sequence of modern levelling and surfacing deposits similar to those seen elsewhere on the site, these overlay an in situ cobbled surface (Context (112); part of feature no. [110]), which was truncated by a shallow linear feature (Context [113]), filled by slightly irregular cobbles set within yellow clay (Plate 20). This truncation was similar to that seen in Section D of the Lighting Cable Trench and was interpreted as a repair. The cobbles sealed a levelling deposit (Context (115)) which was measured 0.2m thick and this in turn sealed a stone flagged surface (Context (116); part of feature no. [111]). The stone flags were laid in a single course, as seen previously and sealed a thin, patchy levelling layer (Context (117)), though where they crossed the underlying wall [109] they rested directly on top of the stones.

The removal of the stone flags (Context (116)) and the underlying levelling deposit (Context (117)) revealed a thin patch of midden deposit (Context (118)), which contained a variety of marine shell and animal bone (see Plate 21). Below this was a sequence of five intercutting pits: two of these (Contexts [122] and [126]) were small and sub-circular and were excavated in their entirety, the first measured 0.25m wide and was 0.25m deep whilst the second measured 0.4m across and 0.07m deep. The remaining cut features (Contexts [128], [134] and [135]) were larger, relatively shallow and appeared to be somewhat amorphous in shape, though none were seen in their entirety. The function of these pits was unclear, their fills were for the most part characterised by demolition material, stone and mortar in varying quantities, with minimal occupation waste.

The pits truncated a 0.2m thick deposit (Context (124)) comprising lenses of brightly coloured burnt clay and dense charcoal, apparently representing a phased episode of burning (see Plate 22). This deposit partially overlay the wall [109] in the southern corner of the trench and the stones of the wall in this area were fractured indicating in situ burning. This deposit overlay a small patch of shale and animal bone (137) which was the last deposit to be excavated.

The L-shaped exposed section of wall [109] continued beyond the edge of excavation to the northeast and southeast; it is likely that wall [076] recorded in Lighting Cable Trench E is a continuation of this structure (see Figure 9/Plate 23). The rubble built wall was c. 0.80m wide and randomly coursed of roughly hewn poorly sorted stone bonded using a coarse lime mortar. It had a double skin construction with some core material and clear facing to either side. This wall was not excavated and was preserved in situ.

6 CONCLUSION

The results of the archaeological works undertaken during the external renovations to the former Bishops Palace in Bangor produced a wealth of information pertaining to several phases in the history of this site. The findings offer an insight into the usage of the area and an unprecedented understanding of how the site would have looked at certain points in the past, as well as a good indication of the potential for further preservation.

The majority of the works were undertaken to the south of the site, in front of the main façade of the Bishops Palace in an area which lies between the Palace and the Cathedral and this is where the majority of the findings were located. Work to the west was minimal, though did reveal some evidence of predominantly post medieval activity including a stone culvert and a section of wall.

A cobbled surface was identified across multiple working areas (assigned feature no [110]), including the large central oval area which measured 28m x 15m. Recent planting and service trenches have caused localised disturbance but preservation on the whole was remarkable. The full extent of the surface is unknown; no defined edge was identified, though the surface was somewhat disturbed towards the eastern edge of the excavation area, likely associated with the development of the adjacent site in 2004. The surface did not appear in the majority of section A of the lighting trench, or any other work areas to the west of the central area, although some of these excavations were perhaps too shallow.

No contemporary footings for features or ornaments were identified cutting through the cobbled surface indicating that the area was left open, with no planting areas or subdivisions. The date for this surface is unknown; however it predates the most recent oval layout, which is shown on consecutive cartographic depictions of the site dating back to at least the early 19th century, John Wood's map of 1834 being the earliest. An 18th century date may therefore be posed.

The removal of the majority of the cobbled surface revealed an underlying intact stone flagged surface (assigned feature no [111]) which covered a similar area to the cobbles and again survived in remarkable condition. No contemporary footings for features were identified within this surface either, indicating the change from flagstones to cobbles did not represent a significant change of use. The replacement was therefore likely a stylistic move, perhaps coinciding with the arrival of a new Bishop at Bangor. It is recorded that renovations to the house and grounds were numerous, as the high status property was kept up to date with contemporary fashions, and new Bishops made their presence felt. The decision not to lift and recycle the stone paving prior to the laying of the cobbles may reflect a degree of affluence, though may also have been due to the rather wet ground conditions. The precise

date of this surface is unclear, though it may confidently be ascribed to at least the 18th century and may have been covered in 18th or 19th century.

The walk way or processional way appears to represent the principal route the Bishop would have followed from the Palace to the Cathedral; the exposed section follows a direct course between the two sites. This route is contemporary with both the stone and cobbled surfaces, but was replaced with a more circuitous one when the cobbles were covered over, most likely in the 18th century. This walkway was notable for an absence of any real surfacing; the yellow sandstone had more of the appearance of a hard-core layer; given the quality of the surrounding surfaces it is likely that the main surface was removed prior to the resurfacing of the site. The continuation of the walkway was not found within the lighting trench to the south, but this is likely because the relevant trench section (B) was not excavated to a sufficient depth.

The course of the now culverted river Adda separates the Bishops Palace from the Cathedral; previous excavations have found evidence of its former course along with various associated features including footings for a possible bridge (Johnstone, N. 1996, GAT Report 370). However no sign of the water course, for example in the form of alluvial deposits were identified, this absence of evidence may indicate that the course of the river was located beyond the confines of these works. Remnants of a bridge might be expected on the course of the processional way to the south of these works, though the disturbance caused by the culverting of the waterway likely disturbed this area somewhat.

A substantial paleochannel [091] was identified running below the walkway, a former tributary to the now culverted Afon Adda. Based on its northwest/southeast orientation it appears to run directly beneath the Bishop's Palace. The lower layers within this channel appeared to be the product of natural alluvial deposition however the upper deposits contained demolition and occupation material and thus represent deliberate backfilling. This indicates the channel was still active prior to the construction of the Bishop's Palace; the water was presumably diverted along a different course during the development of the site and the channel filled in.

For the most part the stone surface was left in situ, however towards the eastern limit of the site (within section E of the lighting cable trench) where the upper surfaces (features [110] & [111]) were disturbed/absent a greater depth was reached. This revealed earlier deposits, potentially Medieval in date, including two sections of wall and a rich midden deposit.

In the south east corner of the site an L-shaped section of walling [106], likely to be part of a building was identified below the cobbled and stone flagged surfaces, [110] & [111]. This previously unknown feature does not appear on any maps or depictions of the site and is thus likely to be of an early date. A full investigation of this area proved beyond the scope of these works; excavation revealed a complex sequence of intercutting pits, demolition material and deposits associated with an extensive episode of burning, all of which appeared to post-date the demolition of the building. The purpose of the structure is unclear, though it appeared substantial and well-built and was of some significance

An assessment of potential for analysis, in line with the MAP2 process, will be submitted for this project. Recommendations will be made for further analysis, including the dating of eco-facts and find analysis. The dating of the contexts will help inform our understanding of the site and the significance of these findings.

7 SOURCES CONSULTED

Atkins Ltd drawing **4140** Existing Site Plan

Atkins Ltd drawing **4151** Proposed External Works Plan

Atkins Ltd drawing **6008** External Services Layout

Chartered Institute for Archaeologists 2014 [Online] *Standard and Guidance: Archaeological Excavation*, Chartered Institute for Archaeologists, Reading. Available from:

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Davidson, J. 2013 Bishop's Palace, Deiniol Road, Bangor: Archaeological Management Plan, GAT Report **1155** [Gwynedd Archaeological Trust: Unpublished Report]

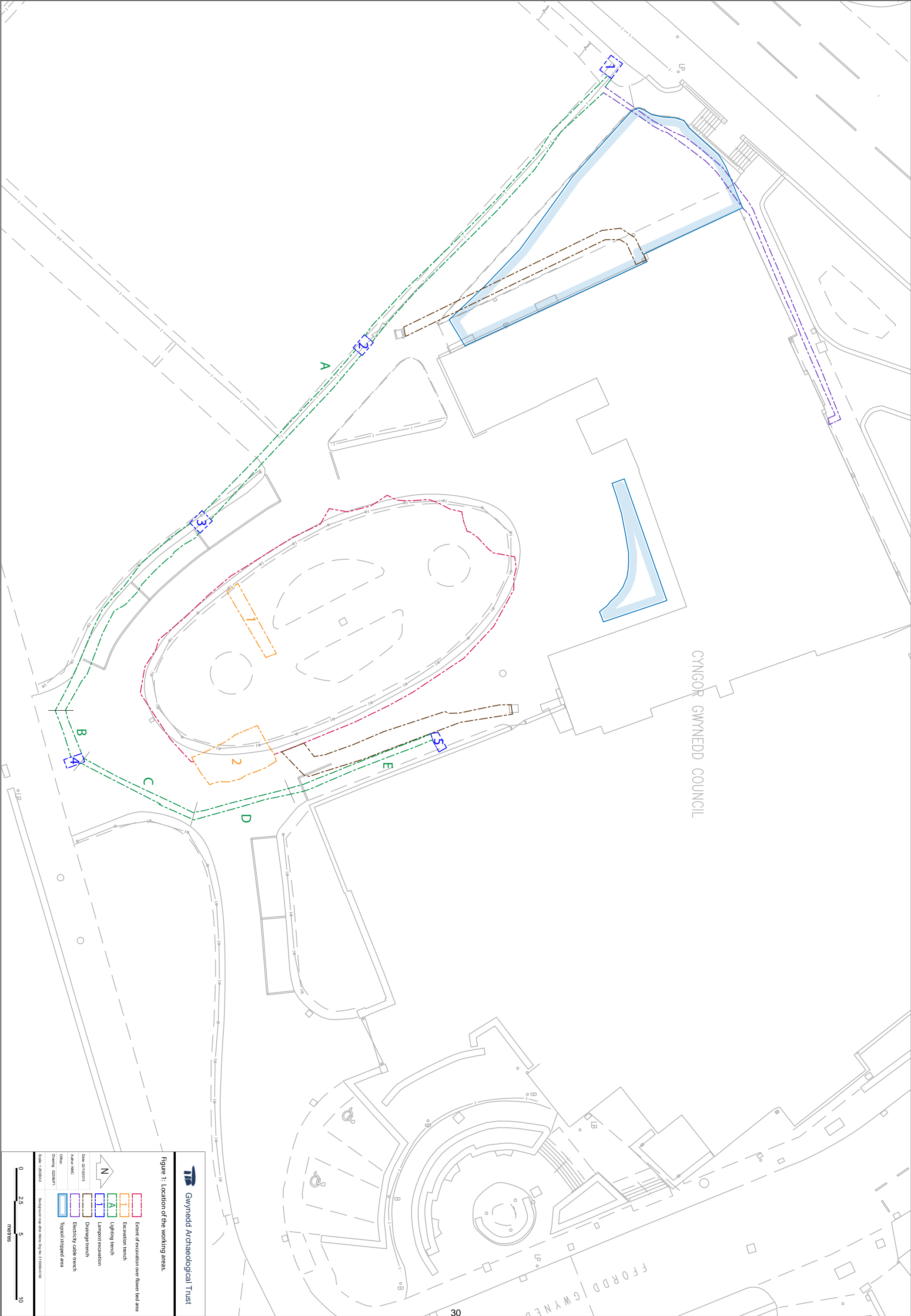
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English Heritage, 1991, *Management of Archaeological Project*;

Johnstone, N. 1996. *Excavations at the Bishop's Palace, Bangor 1996*. GAT Report 370

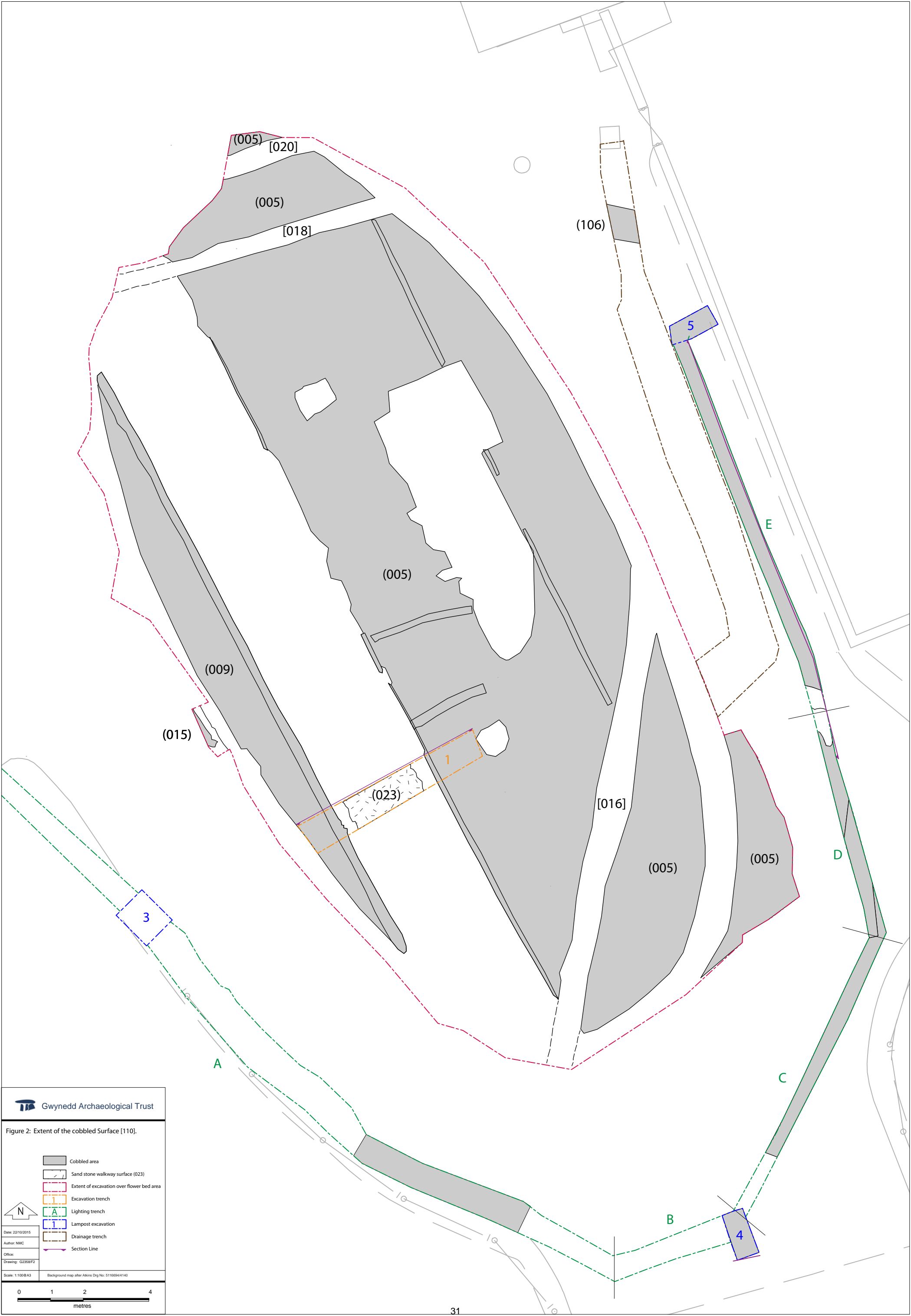
Smith, G. 2005 *The Bishop's Palace, Bangor Archaeological Excavation 2003 and 2004*. GAT Report 619

Smith, G. Forthcoming. *Afon Adda Refurbishment, Bangor*



Gwynedd Archaeological Trust

Figure 1: Location of the working areas.



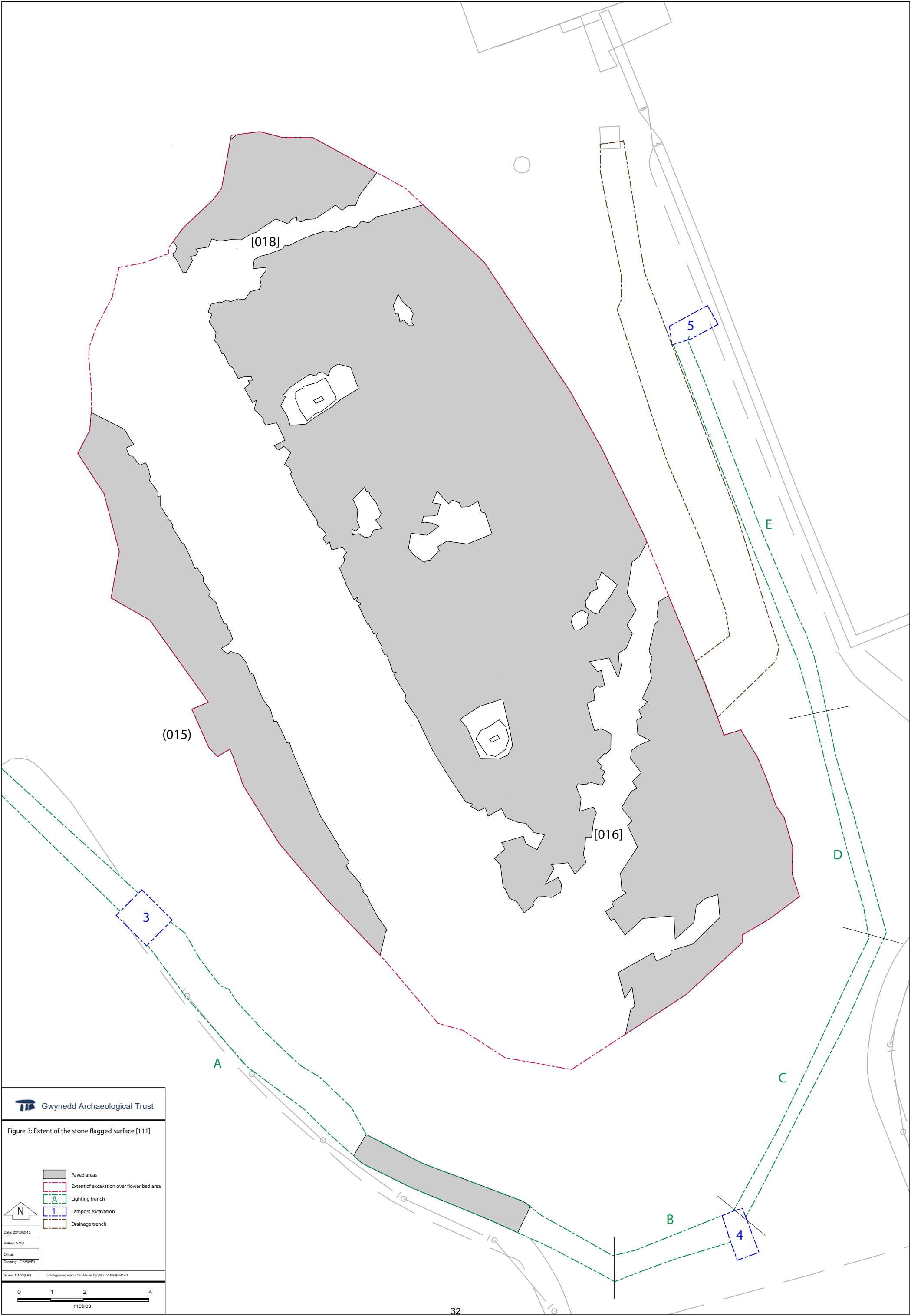
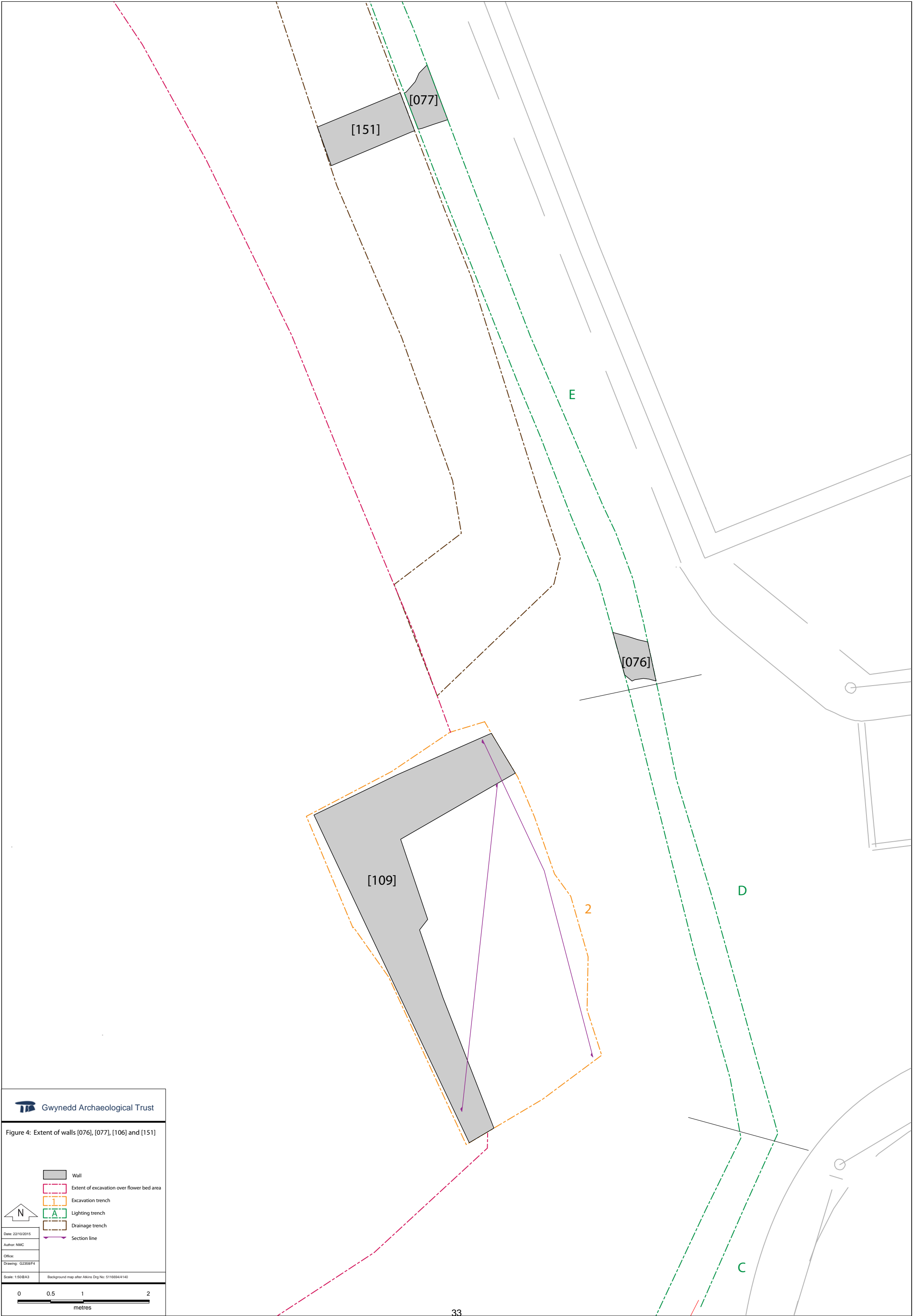


Figure 3: Extent of the stone flagged surface [111]

- Paved areas
- Extent of excavation over flower bed area
- Lighting trench
- Lampost excavation
- Drainage trench

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Author: NMC
Office:
Drawing: G258/F3
Scale: 1:100/BA3
Background map after Atkins Orig No: 5116694/4140



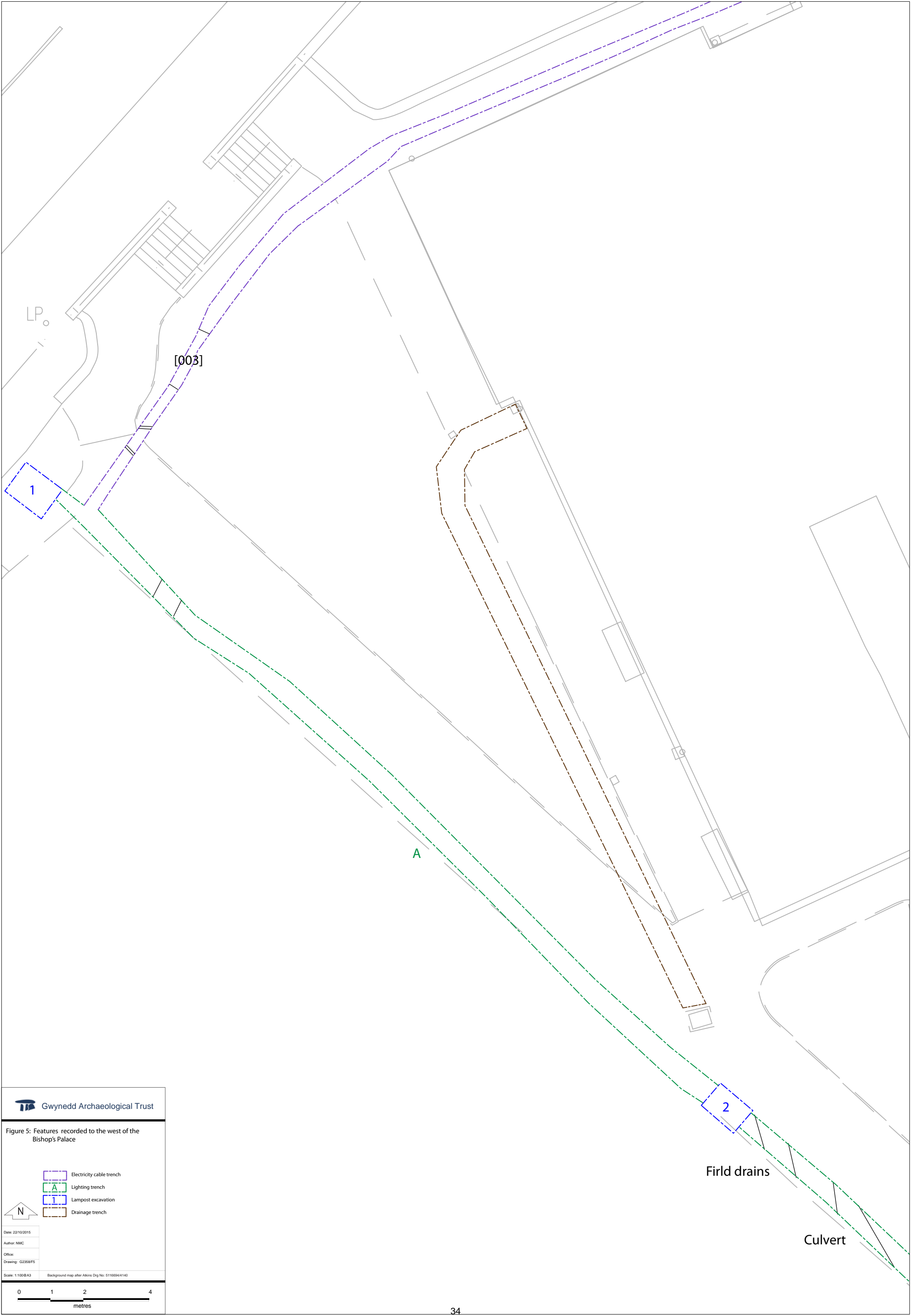




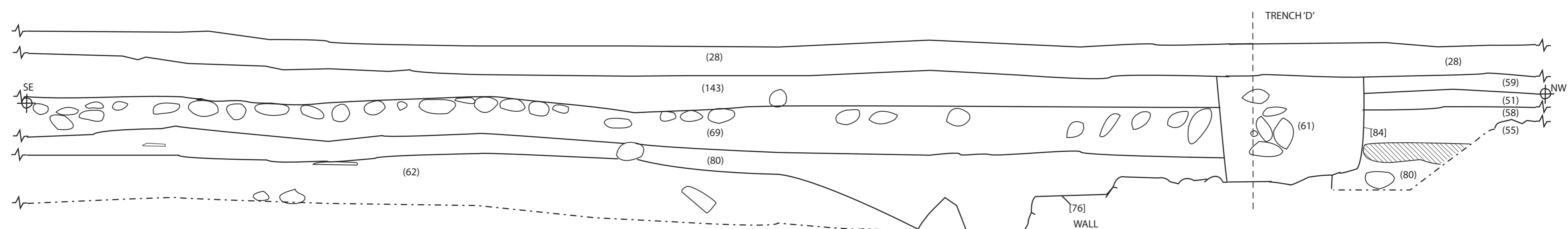
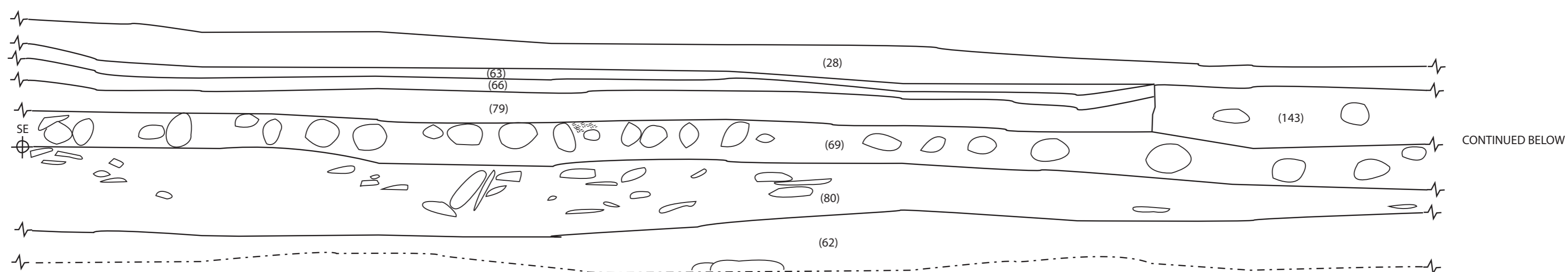
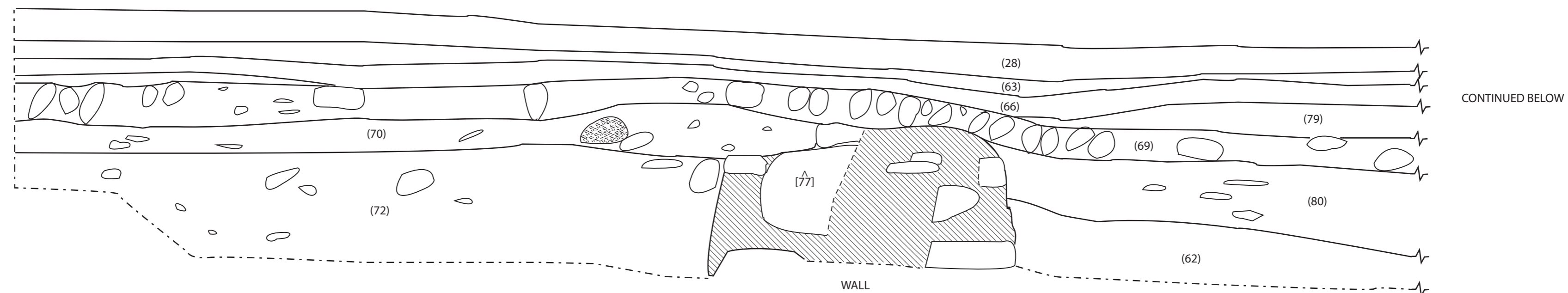


Figure 5: Features recorded to the west of the Bishop's Palace

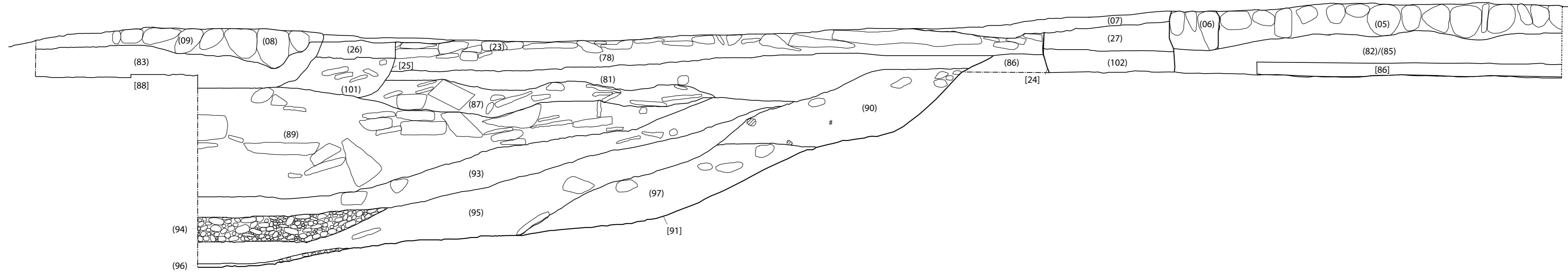
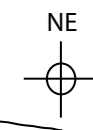
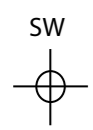
-  Electricity cable trench
-  Lighting trench
-  Lampost excavation
-  Drainage trench

Date: 22/10/2015
Author: NMC
Office:
Drawing: G258/FS
Scale: 1:100/BA3 Background map after Atkins Orig No: 5116894/4140



Stone	Mortar
Clay	Edge of excavation

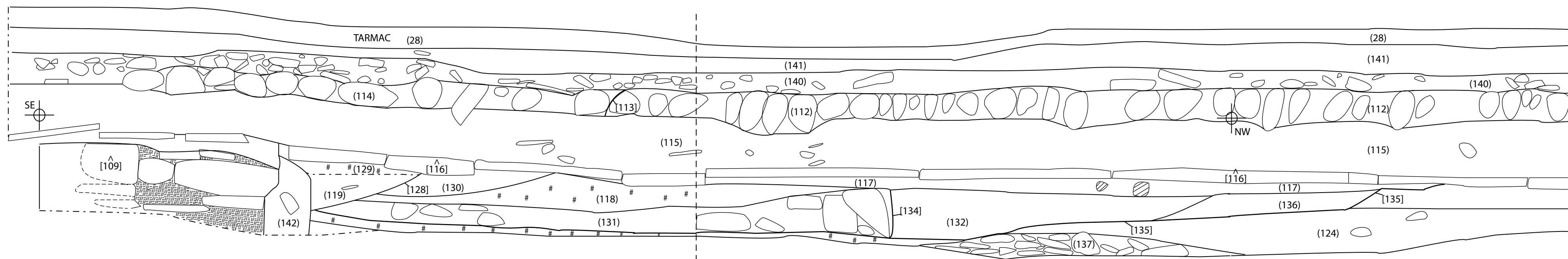
Figure 6: Southwest facing section of Lighting Cable Trench, section E



Charcoal	Stone
Cobbles	Slate Fragments

Figure 7: Southeast facing section of Trench 1


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





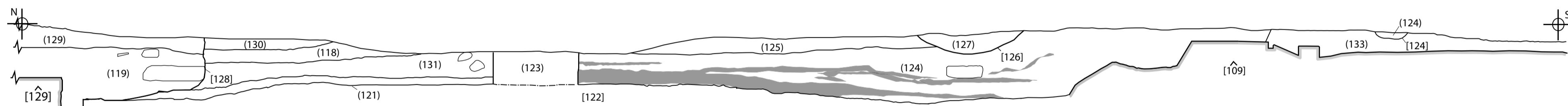
	Mortar		Stone
	Charcoal		Slate fragments
	Edge of excavation		Section line

Figure 8: Southwest facing section of Trench 2


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■ Charcoal lense □ Stone

Figure 9: West facing section of Trench 2


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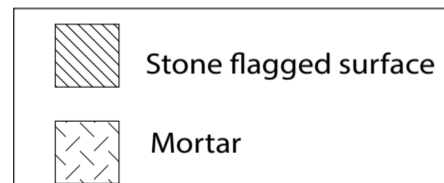
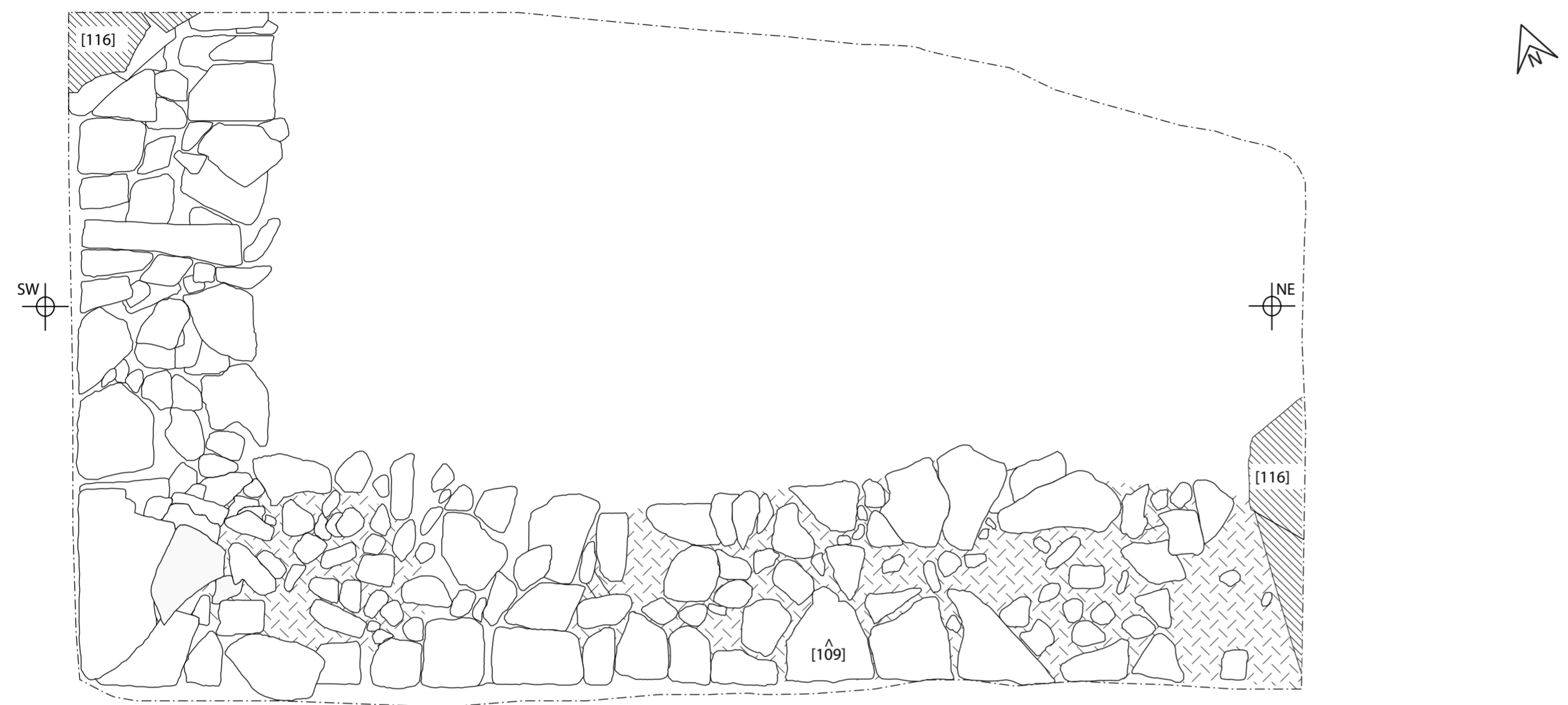


Figure 10: Detailed plan of wall [109] within trench 2.

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Plate 01: Pre-excitation shot of the oval planting area showing the sundial on its stone plinth and tree stumps. Scale 1x1m; view from the southwest



Plate 02: Post-excitation shot of the cobbled surface within the oval planting area. Scale 2x1m; view from the northeast



Plate 03: Close up of cobbled surface (009) showing to the right the cobble border (008) west of the walkway [144].
 To the left of the shot the cut for the modern kerb is shown truncating the cobbles.
 Scale 1x1m; view from the southwest



Plate 04: Post-excavation shot of the stone flagged surface within the oval planting area.
 Scale 2x2m; view from the northeast

Plate 05: Post-excavation shot of the eastern portion of the electric cable trench excavated to the north of the Bishop's Palace. Scale 1x1m; view from the northeast



Plate 06: Post-excavation shot of the wall [003] identified in the western portion of the electric cable trench located to the northwest of the Bishop's Palace. Scale 1x1m; view from the southwest



Plate 07: Post-excavation shot of the 'café breakout area' located to the west of the Bishop's Palace.
View from the northeast



Plate 08: Post-excavation shot of the drainage trench located to the west of the Bishop's Palace.
Scale 1 x 1m; view from the southwest



Plate 09: Post-excavation shot of the culvert within the drainage trench located to the west of the Bishop's Palace. Scale 1 x 1m; view from the southwest



Plate 10: Post-excavation shot of the southeast end of lighting cable trench A, showing the cobbled surface (052) in section and the stone flagged surface (054) in the base of the trench. Scale 1 x 1m; view from the southwest



Plate 11: Post-excitation shot lighting cable trench B.
Scale 1 x 1m; view from the southwest



Plate 12: Post-excitation shot of lighting cable trench C.
Scale 1 x 1m; view from the northeast

**Plate 13: Post-excavation shot of lighting cable trench D showing cobbled surface (055).
Scale 1 x 1m;
view from the northeast**



**Plate 14: Post-excavation shot of wall [077] within lighting cable trench E.
Scale 1 x 1m; view from the northeast**



Plate 15: Post-excavation shot of wall [076] within lighting cable trench E. Scale 1 x 1m; view from the northeast



Plate 16: Post-excavation shot of disturbed cobble deposit (106) within the drainage trench excavated to the south of the Bishop's Palace. Scale 1 x 1m; view from the northeast



Plate 17: View of wall [151] visible in the section of the drainage trench excavated to the south of the Bishop's Palace. Scale 1 x 1m; view from the northeast



Plate 18: Post-excavation shot of walkway surface (023) within trench 1. Scale 1 x 1m; view from the southeast



Plate 19: Post-excavation shot of trench 1 showing paleochannel [091]. Scale 1 x 1m; view from the north



Plate 20: Post-excavation shot of cobbled surface (120) truncated by linear [113] within Trench 2. Scale 1 x 1m; view from the southwest



Plate 21: Mid-excavation shot of Trench 2 following the removal of the slate surface. Scale 1 x 1m; view from the north



Plate 22: Mid-excavation shot of Trench 2 showing truncated burnt deposit (124). Scale 1 x 1m; view from the north



Plate 23: : Post-excavation shot of Trench 2 showing wall [109]. Scale 1 x 1m; view from the north

8 APPENDIX I

8.1 Reproduction of Gwynedd Archaeological Trust Project Design for Archaeological Evaluation, August 2015

BISHOP'S PALACE, BANGOR




PROJECT DESIGN FOR
ARCHAEOLOGICAL WATCHING
BRIEFS AND AN ARCHAEOLOGICAL
INVESTIGATION
(G2358)

Prepared for

ATKINS Ltd

July 2015

Ymddiriedolaeth Archaeolegol Gwynedd
Gwynedd Archaeological Trust

Approvals Table				
	Role	Printed Name	Signature	Date
Originated by	Document Author	Jess Davidson		06/07/15
Reviewed by	Document Reviewer	John Roberts		06/07/15
Approved by	Principal Archaeologist	John Roberts		06/07/15

Revision History			
Rev No.	Summary of Changes	Ref Section	Purpose of Issue
1	Revisions made in response to GAPS comments (28/07/15)		

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1. INTRODUCTION

The Gwynedd Archaeological Trust (GAT) has been asked by *Atkins Ltd* to provide a project design for undertaking a series of archaeological watching briefs and an archaeological investigation during the re-development of the Bishop's Palace (also known as Bangor Town Hall; located at NGR **SH 58004 72150**). This is the continuation of a long term archaeological mitigation programme undertaken during the re-development scheme.

The watching brief includes the monitoring of:

- The re-excavation of a previously dug electric trench to install an additional cable along the northwestern elevation of the building.
- The removal of tree stumps to the southwest of the Palace and excavation down to formation level of the café breakout area.
- The extension of the electric trench along the northwestern elevation of the building to the southwest by some 4m.
- The removal of the existing broken concrete footpath along the southwest side of the building and excavation down to the new footpath formation level (should this be required).
- The removal of the blocked drain to the southwest of the building, and the instillation of new drain pipe.
- The excavation of a new trench for the car park lighting.
- The removal of topsoil and grading of tarmac in the courtyard area
- The excavation of topsoil to the west of the courtyard ahead of forming the formation for the resin bound footpath.
- The removal of the stone and *terram* layer from the courtyard to the south of the Bishop's Palace.
- The removal of the cobbled surface from the courtyard to the south of the Bishop's Palace
- The excavation down to the required formation levels for the pedestrian walkway to the south of the Bishop's Palace.
- The excavation of the car parking area down to formation level.
- The excavation of a drainage trench across the carpark area

The archaeological investigation will comprise the excavation of two hand-dug trenches within courtyard to the south of the Bishop's Palace (Figure 04). These will target the linear feature identified cutting through the cobbled surface during the initial watching brief undertaken in May 2014, in order to establish its form and function. The trenches will be positioned across the linear feature and excavated to a depth determined by the archaeological or alluvial horizon, whichever is encountered first.

Map regression undertaken by Davidson (2013) indicates that access from the Bishop's Palace to the Cathedral was a bridge across the Afon Adda, visible on a John Speed map of the city, published in 1611/12 and that the river still followed this course on a map of 1768 produced by Leigh (Smith 2007: 6). Previous excavations undertaken by GAT to the southeast and east of the palace (Johnstone 1996; Smith 2005) and the south west of the palace (Smith 2007) revealed a complex stratigraphic sequence.

The scheme will be monitored by the Gwynedd Archaeological Planning Service (GAPS).

The project design will conform to the guidelines specified in *Standard and Guidance: Archaeological watching brief* (Chartered Institute for Archaeologists, 2014), and the *Standard and Guidance: Archaeological Excavation* (Chartered Institute for Archaeologists, 2014).

2. BACKGROUND

The information in this section is taken from Davidson (GAT report **1155**) with additions and amendments as required.

The present Bishop's Palace at Bangor is a **Grade II** listed multi phased structure, the earliest components of which date to the 16th century. It holds great significance on both a local and national level, being the oldest continuously occupied domestic building in Bangor and also the only substantially intact late medieval bishop's palace in Wales.

The present building is 'U' shaped in plan, with wings projecting south from the main east-west orientated block. The earliest part of the structure is believed to have been started by bishop Dean (1494-1500) and completed by bishop Skevington (1509-33). The building was subsequently extended in the late 16th/early 17th centuries, with subsequent renovations and additions as well as periods of neglect continuing into the 18th and 19th centuries. In 1900 the Bishop's Palace was sold and opened as Bangor's town hall in 1904. In 1961 an extensive programme of renovation was undertaken, during which a substantial proportion of historic fabric was lost.

To the south of the Bishop's Palace is an open space, which has served as the contractor's compound during the repair and refurbishment works. This open space has been redesigned on more than one occasion, and has served variously as a car park for the Town Hall (when the Bishop's Palace served as such from 1904 onwards) and as a carriage driveway and associated turning circle which also provided access to the stable block to the east of the Palace. It also appears to have served as an open space crossed by a route leading from the Bishop's Palace to the Cathedral.

2.1 Previous Work

The information in this section is taken from Davidson (GAT report **1155**) with additions and amendments as required.

As part of the development phase of this project, Richard Suggett, Senior historic Buildings Investigator with the Royal Commission on the Ancient and Historic Monuments of Wales (RCAHMW) was commissioned to write a historic research report for the Palace. Suggett's report reviews the available historical material in detail and forms part of the Conservation

Management Plan (CMP). Additionally the Gwynedd Archaeological Trust (GAT) was asked by *Atkins Ltd* to produce an archaeological management plan for the Bishop's Palace. This archaeological management plan conformed to a project design produced by GAT in response to the Design Brief for an Archaeological Management Plan issued by the Gwynedd Archaeological Planning Services (GAPS) (ref. C13/0492/11/CR). The archaeological program comprised a combination of desk based research, building survey and reporting.

The objectives of this programme of archaeological work, as detailed in the Brief for an Archaeological Management Plan were as follows:

- to provide an account of the current understanding of the building, including a summary of existing knowledge and work undertaken to date
- to establish the archaeological significance of the site
- to identify elements/areas of particular archaeological significance or potential
- to develop a strategy and specific policies for the long-term conservation and management of the archaeology of the site (upstanding and below ground)
- to contribute to the interpretation and presentation of the history of the site within the new museum

In order to fulfil these objectives, GAT archaeologists undertook a series of watching briefs in individual rooms within the Bishop's Palace to monitor the removal of the 1960s modifications to the building (GAT Report Forthcoming). A watching brief was also undertaken to record archaeological deposits encountered under the suspended timber floor in room GF 003 [GAT reference number] (GAT Report Forthcoming). A series of Roofing elements were recorded in room FF 014 [GAT reference number] (GAT Report Forthcoming). A watching brief was also undertaken on the removal of the turf in an decorative oval area in front of the entrance to the building, this was so a larger compound could be set up. Below the turf was a cobbled area and a linear which were clean and photographed, the area was then laid with *terram* and hardcore to make the compound and protect the underlying archaeology.

The results of this work, including the results from the work outlined in this project design, will be included in a final report (GAT Report Forthcoming).

2.2 Research Aims

The information in this section is taken from Davidson (GAT report **1155**) with additions and amendments as required.

The archaeological management plan identified a number of gaps in our understanding of the Bishop's Palace at Bangor, at present unanswered by the historical evidence. Questions with regard to form, phasing, chronology, usage and development of the structure were raised. In order to answer these outstanding queries, future work should seek to identify the extent of archaeological evidence surviving below ground and within the present structure. More specifically future work within the context of this project design should seek to:

- Identify evidence for pre-medieval activity surviving below ground. This might survive within the grounds.
- Identify evidence for medieval occupation which pre-dates the 16th century building program.
- Establish the presence, form and location of the 16th/17th century outbuildings. This period appears to be under-represented within the archaeological record east of the Palace (Smith 2004; Johnstone 1996), so there may be potential for their survival elsewhere within the grounds.
- Increase the understanding of the developments of the grounds and formal gardens.

In relation to the archaeological investigation of the two hand dug trenches, the following should be considered.

Part of the rituals undertaken by a Catholic bishop would be a procession from the Bishop's Palace to the Cathedral at certain specific dates in the ecclesiastical calendar, and is something still seen in mainland Europe. During the removal of the oval lawn defined by kerbstones, a linear feature was identified running from the front door of the Bishop's Palace towards the site of the bridge depicted on the John Speed map. This route is likely to have served as a formal 'Processional Way' from one ecclesiastical building to another. Part of its alignment seems to have been preserved during the layout of the oval lawn, visible in a map by Wood of 1834 (Davidson 2013: 19).

2.3 Archaeological Aims

2.3.1 Archaeological Watching Brief

The definition of an archaeological watching brief is “a formal programme of observation and investigation conducted during any operation carried out for non-archaeological reasons. This will be within a specified area or site on land, inter-tidal zone or underwater, where there is a possibility that archaeological deposits may be disturbed or destroyed. The programme will result in the preparation of a report and ordered archive”. *Standard and Guidance: Archaeological watching brief* (Chartered Institute for Archaeologists 2014: 4)

The purpose of the watching brief is:

- to allow, within the resources available, the preservation by record of archaeological deposits, the presence and nature of which could not be established (or established with sufficient accuracy) in advance of development or other potentially disruptive works
- to provide an opportunity, if needed, for the watching archaeologist to signal to all interested parties, before the destruction of the material in question, that an archaeological find has been made for which the resources allocated to the watching brief itself are not sufficient to support treatment to a satisfactory and proper standard

2.3.2 Archaeological Investigation

The definition of archaeological excavation is “a programme of controlled, intrusive fieldwork with defined research objectives which examines, records and interprets archaeological deposits, features and structures and, as appropriate, retrieves artefacts, ecofacts and other remains within a specified area or site on land, inter-tidal zone or underwater. The records made and objects gathered during fieldwork are studied and the results of that study published in detail appropriate to the project design”. (*Standard and Guidance: Archaeological excavation* (Chartered Institute for Archaeologists 2014: 4)

The purpose of excavation is:

to examine the archaeological resource within a given area or site within a framework of defined research objectives, to seek a better understanding of and compile a lasting record of that resource, to analyse and interpret the results, and disseminate them.

3. METHODOLOGY

3.1 Watching Brief

Works are due to commence on Monday the 6th of July 2015. Tasks are scheduled to be undertaken in sequence. Below is a description of the task and an estimate of the timescale:

Task No.	Description	Estimated time required
1	The re-excavation of a previously dug electric trench to install an additional cable along the northwestern elevation of the building. To be excavated by hand	2-3 days
2	The removal of tree stumps to the southwest of the Palace and excavation down to formation level of the café breakout area.	1.5 days
3	The extension of the electric trench along the northwestern elevation of the building to the southwest by some 4m.	1 day
4	The removal of the existing broken concrete footpath along the southwest side of the building and excavation down to the new footpath formation level (should this be required).	2 days
5	The removal of the blocked drain to the southwest of the building, and the instillation of new drain pipe.	4 days
6	The excavation of a new trench for the car park lighting.	3 days
7	The removal of topsoil and grading of tarmac in the courtyard area	2 days
8	The removal of the stone and <i>terram</i> layer from the courtyard to the south of the Bishop's Palace.	1 day
9	The removal of the cobbled surface from the courtyard to the south of the Bishop's Palace	5 days
10	The excavation down to the required formation levels for the pedestrian walkway to the south of the Bishop's Palace.	1 day
11	The excavation of the car parking area down to formation level.	2-3 days
12	The excavation of a trenches across the carpark area	3-4 days

An **Intensive Watching Brief** is recommended for all of the listed works.

GAT must also be notified of any further works which will require excavation, and the need for an archaeological watching brief will be assessed. It is understood that works involving the grading of tarmac and building onto existing surfaces will not require a watching brief.

All machine excavation should be undertaken using a toothless ditching bucket if possible.

During the works all identified features will be recorded using GAT pro-formas and photographed using a digital SLR camera set to RAW format. The location of the watching brief, the extent of any identified archaeological activity and any features therein will be located using survey grade (not handheld) GPS with <10cm accuracy (model: *Trimble GNSS/R6/5800*). Appropriate scales will be used where possible.

A drawn record will be completed for all relevant features. This will include sections and plans where required at either 1:10 or 1:20 scale. Adobe Photoshop CS5 will be used for any post processing work required. A complete table of metadata with details of each image, including descriptions and directions of shot will be produced using Microsoft Access. Images will be converted to TIFF and JPEG format for archiving. All field records will be completed using GAT pro-formas

All features/deposits encountered will be manually cleaned and examined to determine extent, function, date and relationship to adjacent features. Limited excavation will be undertaken to characterise the features/deposits: this strategy will be based on feature type and may include an initial 50% sample of sub-circular features and 10% sample of linear features. Any subsequent excavation required will be detailed in an appropriate **Further Archaeological Works Design** following liaison with the archaeological creators (GAPS).

Where appropriate, samples for specialist analyses will be taken.

3.2 Archaeological Investigation: Two Hand-Dug Trenches within Courtyard to the south of the Bishop's Palace

GAT monitored the removal of the lawn which formed the interior of the turning area within the courtyard to the south of the Bishop's Palace (Plate 02). A cobbled area was revealed underneath the lawn extending at least 16m x 7m and this was cleaned and photographically recorded. Visible within the cobbled area it was noted that there was a linear feature extending north-south from the site of the entrance of the Bishops' Palace across the courtyard towards the cathedral. This linear may be the remains of a medieval 'Processional Way' from one building to another which would have been in use when the Cathedral was a Roman Catholic building prior to the Reformation and would have later remained as a path after Henry VIII Dissolution of the Monasteries from 1536.

The archaeological investigation by GAT will consist of two trenches, each 4m in length and 1m wide, and the proposed location of these is detailed on client drawing **4140- GAT Amended** (see Figure 04). These two trenches have been laid out in order to address several questions. Firstly: Both trenches cross the linear feature, to examine its construction and use. Secondly: The trenches are staggered in order to provide information on the archaeological layers under the linear feature in two different parts of the courtyard. Thirdly:

It is hoped by staggering the trenches that it may be possible to determine if the course of the unculverted Afon Adda ran this far north at any point by picking up the north bank of the river or any lost or previously unrecorded channels. Fourthly: By staggering the tranches it may be possible to improve the chances of recovering evidence of any garden layout, whether that is a formal series of beds or less structured planting. The depth of the trench will be determined by the archaeological or alluvial horizon, whichever is encountered first.

All features/deposits encountered will be manually cleaned and examined to determine extent, function, date and relationship to adjacent features. Limited excavation will be undertaken to characterise the features/deposits: this strategy will be based on feature type and may include an initial 50% sample of sub-circular features and 10% sample of linear features. Any subsequent excavation required will be detailed in an appropriate **Further Archaeological Works Design**.

Where appropriate, samples for specialist analyses will be taken.

3.3 Environmental Samples

Relevant archaeological deposits will be sampled by taking bulk samples for flotation of charred plant remains. Bulk samples will be taken from waterlogged deposits for macroscopic plant remains. Other bulk samples, for example from middens, may be taken for small animal bones and small artefacts.

Specific palaeoenvironmental strategies for any peat deposits (if encountered) will be discussed with the GAPS if encountered and input from a specialist will be sought during the archaeological excavation on an appropriate sampling strategy to be rationalised in a further archaeological works design.

3.4 Human Remains

Any finds of human remains will be left *in-situ*, covered and protected, and both the coroner and the GAPS Archaeologist informed. If removal is necessary it will take place under appropriate regulations and with due regard for health and safety issues. In order to excavate human remains, a licence is required under Section 25 of the Burials Act 1857 for the removal of any body or remains of any body from any place of burial. This will be applied for should human remains need to be investigated or moved.

3.5 Small Finds

The vast majority of finds recovered from archaeological excavations comprise pottery fragments, bone, environmental and charcoal samples, and non-valuable metal items such as nails. Often many of these finds become unstable (i.e. they begin to disintegrate) when removed from the ground. All finds are the property of the landowner; however, it is Trust policy to recommend that all finds are donated to an appropriate museum where they can receive specialist treatment and study. Access to finds must be granted to the Trust for a reasonable period to allow for analysis and for study and publication as necessary. All finds would be treated according to advice provided within *First Aid for Finds* (Rescue 1999). Trust staff will undertake initial identification, but any additional advice would be sought from a wide range of consultants used by the Trust, including National Museums and Galleries of Wales at Cardiff and ARCUS at Sheffield.

Unexpected Discoveries: Treasure Trove

Treasure Trove law has been amended by the Treasure Act 1996. The following are Treasure under the Act:

- *Objects other than coins* any object other than a coin provided that it contains at least 10% gold or silver and is at least 300 years old when found.
- *Coins* all coins from the same find provided they are at least 300 years old when found (if the coins contain less than 10% gold or silver there must be at least 10. Any object or coin is part of the same find as another object or coin, if it is found in the same place as, or had previously been left together with, the other object. Finds may have become scattered since they were originally deposited in the ground. Single coin finds of gold or silver are not classed as treasure under the 1996 Treasure Act.
- *Associated objects* any object whatever it is made of, that is found in the same place as, or that had previously been together with, another object that is treasure.
- *Objects that would have been treasure trove* any object that would previously have been treasure trove, but does not fall within the specific categories given above. These objects have to be made substantially of gold or silver, they have to be buried with the intention of recovery and their owner or his heirs cannot be traced.

The following types of finds are not treasure:

- Objects whose owners can be traced.
- Unworked natural objects, including human and animal remains, even if they are found in association with treasure.
- Objects from the foreshore which are not wreck.

All finds of treasure must be reported to the coroner for the district within fourteen days of discovery or identification of the items. Items declared Treasure Trove become the property of the Crown, on whose behalf the National Museums and Galleries of Wales acts as advisor on technical matters, and may be the recipient body for the objects.

The National Museums and Galleries of Wales will decide whether they or any other museum may wish to acquire the object. If no museum wishes to acquire the object, then the Secretary of State will be able to disclaim it. When this happens, the coroner will notify the occupier and landowner that he intends to return the object to the finder after 28 days unless he receives no objection. If the coroner receives an objection, the find will be retained until the dispute has been settled.

3.6 Further Archaeological Works

The identification of significant archaeological features during the archaeological excavation may necessitate the production of a new project design and the submission of new cost estimates to the contractor.

The application of a further archaeological works design (FAWD) will be dependent on the initial identification, interpretation and examination of an archaeological feature and the establishment of a threshold of significance over which a FAWD might be triggered. The requirement for an FAWD will be determined in conjunction with GAPS through established communication lines and the monitoring process.

The FAWD will be instigated through a GAT produced document that will include:

- feature specific methodologies;
- artefact and ecofact specialist requirements, with detail of appropriate sampling strategies and specialist analysis
- timings, staffing and resourcing.
- Additional costs

The FAWD document will need to be approved by the GAPS Archaeologist.

This design does not include a methodology or cost for examination of, conservation of, or archiving of finds discovered during the archaeological excavation, nor of any radiocarbon dates required, nor of examination of palaeoenvironmental samples. The need for these will be identified in the post-fieldwork programme (if required), and a new design will be issued for approval by the GAPS Archaeologist.

3.7 Monitoring Arrangements

The GAPS Archaeologist will need to be informed of the project start date and of the subsequent progress and findings. This will allow the GAPS Archaeologist time to arrange monitoring visits and attend site meetings (if required) and enable discussion about the need or otherwise for FAWDs (if required) as features of potential archaeological significance are encountered.

3.8 Data processing and report compilation

Following completion of the stages outlined above, the results will be incorporated into the final report which will be produced by GAT on all the work undertaken at the Bishop's Palace (GAT Forthcoming).

4. PERSONNEL

The work will be managed by John Roberts, Principal Archaeologist Gwynedd Archaeological Trust (GAT) Contracts Section. The work will be undertaken by one or more of the Trust's Archaeologists who are experienced in undertaking watching briefs of this nature and who have a good background knowledge of this site.

5. HEALTH & SAFETY

The Trust subscribes to the SCAUM (Standing Conference of Archaeological Unit Managers) Health and Safety Policy as defined in *Health and Safety in Field Archaeology* (2006).

The GAT Project Archaeologist will be CSCS certified. Any risks and hazards will be indicated prior to the start of work via a submitted risk assessment. All staff will be issued with required personal safety equipment, including high visibility jacket, steel toe-capped boots and hard hat.

The GAT site agent will abide by all Health and Safety requirement enforced by the CDM Coordinator.

6. INSURANCE

Public Liability

Limit of Indemnity- £5,000,000 any one event in respect of Public Liability
INSURER Aviva Insurance Limited
POLICY TYPE Public Liability
POLICY NUMBER 24765101CHC/000405
EXPIRY DATE 21/06/2016

Employers Liability

Limit of Indemnity- £10,000,000 any one occurrence.
The cover has been issued on the insurers standard policy form and is subject to their usual terms and conditions. A copy of the policy wording is available on request.
INSURER Aviva Insurance Limited
POLICY TYPE Employers Liability
POLICY NUMBER 24765101CHC/000405
EXPIRY DATE 21/06/2016

Professional Indemnity

Limit of Indemnity- £5,000,000 in respect of each and every claim
INSURER Hiscox Insurance Company Limited
POLICY TYPE Professional Indemnity
POLICY NUMBER
HU PI 9129989/1208
EXPIRY DATE 22/07/2016

7. SOURCES CONSULTED

Atkins Ltd drawing **4140** Existing Site Plan (Figure 03)

Atkins Ltd drawing **4140 – GAT Amended** Existing Site Plan (Figure 04)

Atkins Ltd drawing **4151** Proposed External Works Plan (Figure 05)

Atkins Ltd drawing **6008** External Services Layout (Figure 01)

Atkins Ltd drawing **6008 – GAT Amended** External Services Layout (Figure 02)

Chartered Institute for Archaeologists 2014 [Online] *Standard and Guidance: Archaeological Excavation*, Chartered Institute for Archaeologists, Reading. Available from:

<http://www.archaeologists.net/sites/default/files/node-files/ClfAS&GExcavation.pdf>

Chartered Institute for Archaeologists 2014 [Online] *Standard and Guidance: Archaeological watching brief*, Chartered Institute for Archaeologists, Reading. Available from:

<http://www.archaeologists.net/sites/default/files/node-files/ClfAS&GWatchingbrief.pdf>

Davidson, J. 2013 Bishop's Palace, Deiniol Road, Bangor: Archaeological Management Plan, GAT Report **1155** [Gwynedd Archaeological Trust: Unpublished Report]

Gwynedd Archaeological Trust *Forthcoming Report on Bishop's Palace, Bangor*

Historic Environment Record - Gwynedd Archaeological Trust, Craig Beuno, Garth Road, Bangor, Gwynedd LL57 2RT

Johnstone, N. 1996 Excavations at the Bishop's Palace, Bangor 1996, GAT Report **370** [Gwynedd Archaeological Trust: Unpublished Report]

Royal Commission on the Ancient and Historic Monuments of Wales and Monmouthshire. 1960. *An Inventory of the Ancient Monuments in Caernarvonshire – Volume II: Central*, HMSO, London.

Smith, G. H. 2005 The Bishop's Place, Bangor: Archaeological Excavation 2003 and 2004, GAT Report **619** [Gwynedd Archaeological Trust: Unpublished Report]

Smith, G. H. 2007 Afon Adda Refurbishment, Deanery Car Park, Bangor: Archaeological Evaluation, GAT Report **669** [Gwynedd Archaeological Trust: Unpublished Report]

Speed, J. 1611 / 12 [Online] Caernarvonshire: Theatre of the Empire of Great Britaine. Available from: <http://www.lib.cam.ac.uk/deptserv/maps/speed.html>

Welsh Government 2014 Planning Policy Wales 2014 [Online] Available from: <http://wales.gov.uk/topics/planning/policy/ppw/?lang=en>

Welsh Office 1996 [Online] *Welsh Office Circular 60/96 Planning and the Historic Environment: Archaeology.* Available from: <http://wales.gov.uk/topics/planning/policy/circulars/welshofficecirculars/circular6096/?lang=en>

Figure 01: *Atkins External Services Layout Plan*. Please note that the north arrow and scale bar are incorrect.

ATKINS

GENERAL NOTES:

- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE TO BE VERIFIED BY SITE MEASUREMENT BEFORE STARTING WORK.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ATKINS TECHNICAL SPECIFICATION FOR THE CONTRACT WORKS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CURRENT DRAWINGS ISSUED UNDER THE CONTRACT FOR THE WORKS.
- THE CONTRACTOR IS RESPONSIBLE FOR SETTING OUT THE CONTRACT WORKS AND SHALL TAKE ALL MEASUREMENTS NECESSARY TO ENSURE THE WORKS ARE BUILT IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE LOCATIONS OF SERVICES, ACCESS POINTS, TEST POINTS AND EQUIPMENT ON SITE PROVIDE FOR SAFE COMMISSIONING AND MAINTENANCE IN ACCORDANCE WITH THE COM REGULATIONS.
- THE CONTRACTOR SHALL CO-ORDINATE ALL SERVICES ACCESS POSITIONS WITH THE CEILING CONTRACTOR WHERE RELEVANT.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SERVICES PENETRATING FIRE COMPARTMENTS AND SMOKE CURTAINS ARE FIRE STOPPED TO THE SAME STANDARD AS THE BUILDING ELEMENT THEY PENETRATE.
- FINAL LOCATIONS OF ALL EXPOSED ITEMS OF SERVICES EQUIPMENT SHALL BE AGREED ON SITE WITH THE ARCHITECT AND/OR ENGINEER.
- THIS DRAWING IS VALID ONLY FOR INFORMATION ON ELECTRICAL SERVICES.
- THE ELECTRICAL CONTRACTOR SHALL SUPPLY, INSTALL & COMMISSION ALL EQUIPMENT SHOWN CW REQUIRED CABLING, CONTAINMENT ETC TO PROVIDE A COMPLETE WORKING INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL CAT SCAN THE AREA PRIOR TO ANY EXCAVATION WORK TAKING PLACE TO DETECT UNDERGROUND CABLES. ELECTRICAL CONTRACTOR TO INCLUDE FOR HAND DIGGING IN THESE AREAS WHERE EXISTING CABLES EXIST.
- EXTERNAL BUILDING MOUNTED LIGHTING TO BE BACK FED.
- EXTERNAL CAR PARK / FOOTPATH LIGHTING CABLES TO BE BURIED IN SOFT DIG WITH WARNING TAPE OR BURIED IN DUCT UNDER ROADWAY PAVEMENTS.
- CONTRACTOR TO ALLOW FOR 2 No PHOTOCELL AND 2 No TIMECLOCK FOR BUILDING PERIMETER LIGHTING AND CAR PARK AREA (1 FOR BUILDING MOUNTED AND 1 FOR CAR PARK)

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS:

ITEM	HAZARD	RISK			
	FEEDER PILLAR SHOWN	DA	22.10.2014	AW	A
	CONSTRUCTION ISSUE	MR	27.06.2014	AW	A
	CONTRACT ISSUE	MR	27.06.2014	AW	A
	TENDER ISSUE	MR	23.07.2013	IW	A
REV	DESCRIPTION	BY	DATE	CHKD	AUTH

ATKINS
Atkins Limited
Unit 7, St Asaph Business Park
Glascoed Road
St Asaph, Denbighshire
LL17 8LJ
Wales
Telephone +44(0)1745 585 351
Fax +44(0)1745 583 323



PROJECT: GWYNEDD MUSEUM AND GALLERY

TITLE: EXTERNAL SERVICES LAYOUT

SCALE: 1:100
ORIGINAL SIZE: A1
DESIGNED: IW
DRAWN: MR
CHECKED: IW
AUTHORISED: AW
DATE: JULY 13
DATE: JULY 13
DATE: JULY 13

PROJECT NO: 511694 / E / P / - / 6008 / D
DISCIPLINE: TYPE: CODE: DRG NO: REV:

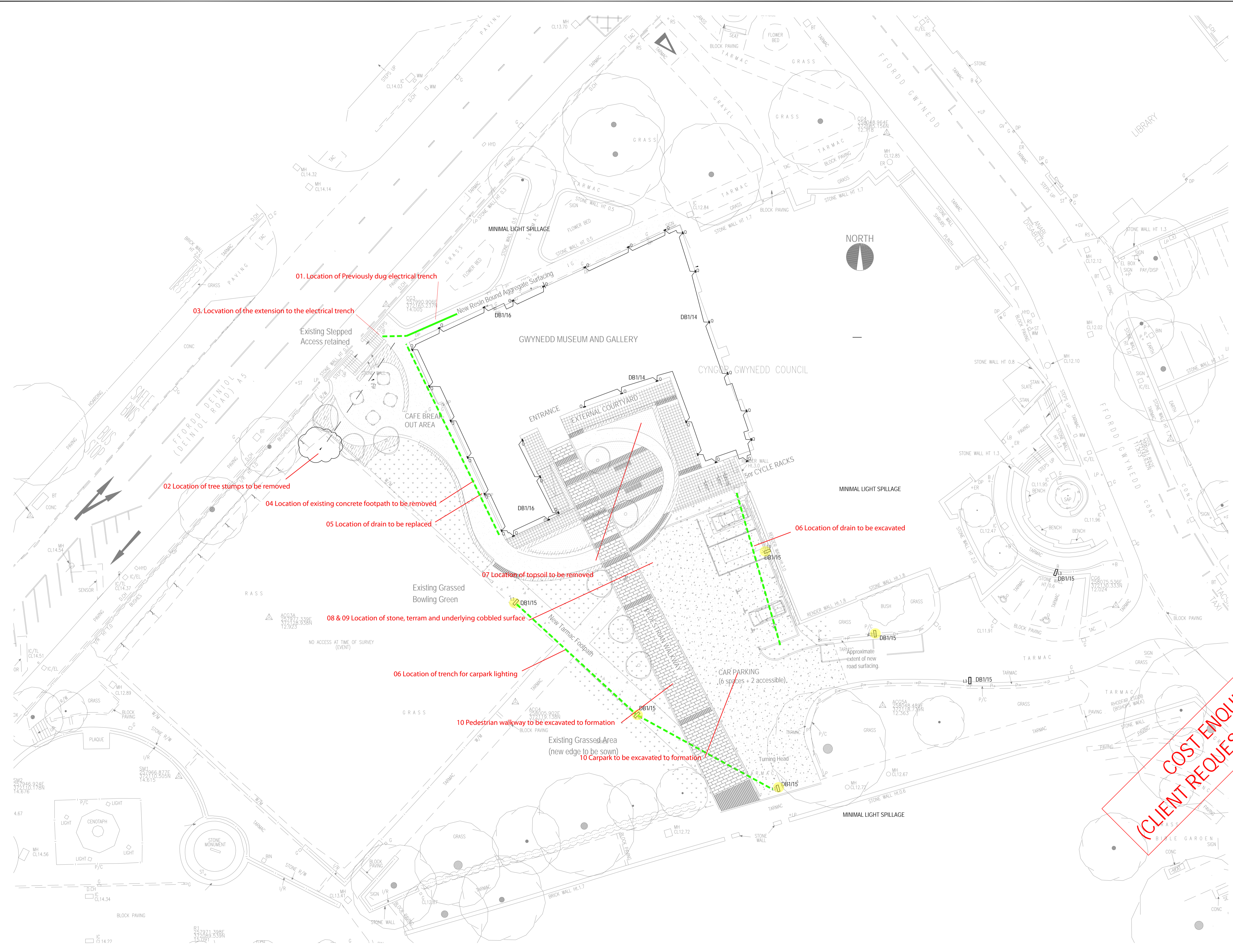
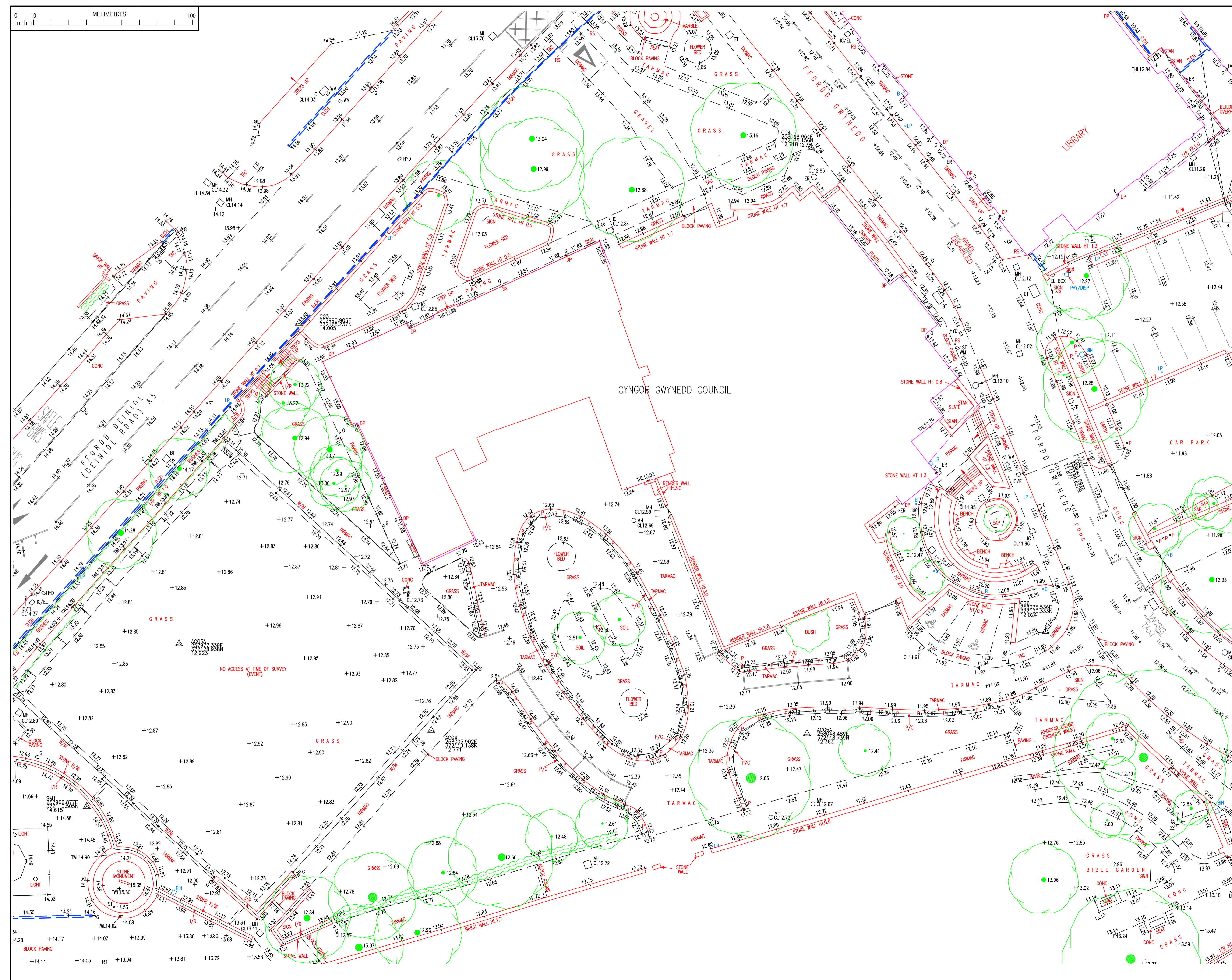


Figure 02: Atkins Drawing 6008 modified to show the aproximate locations of watching briefs to be undertaken by GAT

**ATKINS**

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL RELEVANT ARCHITECTURAL, ELECTRICAL, MECHANICAL AND STRUCTURAL DRAWINGS.

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS :-

[illegible]

REF	DESCRIPTION	UNIT	PRICE	QUANTITY	TOTAL
	ATKINS				
	Atkins Limited				
	Unit 7, St Asaph Business Park				
	Glascoed Road				
	St Asaph, Denbighshire				
	LL17 0LJ				
	Wales				
	Telephone +44(0)1745 585 351				
	Fax +44(0)1745 583 222				

CLIENT:



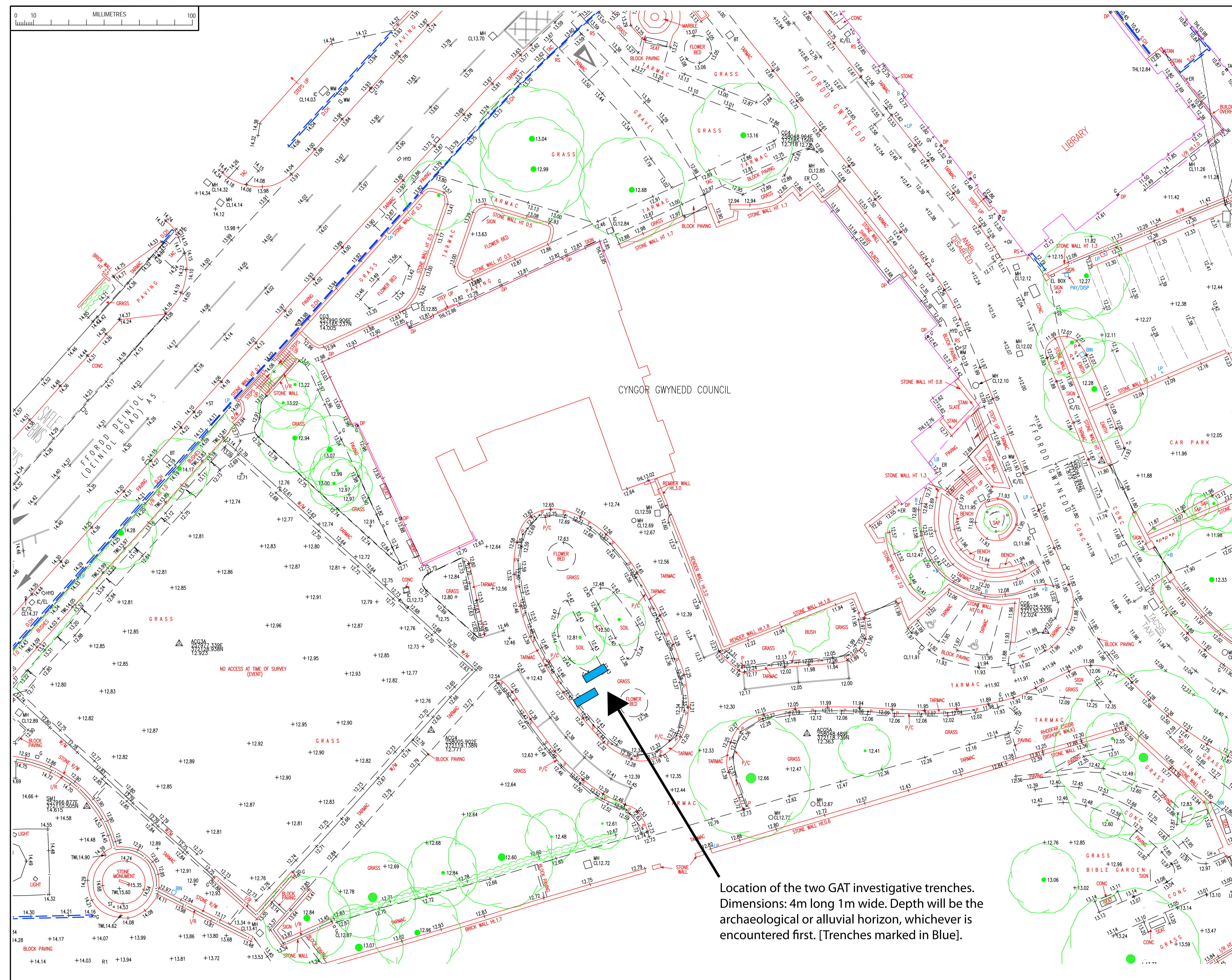
CYNOR GWYNEDD COUNCIL

PROJECT:
GWYNEDD MUSEUM AND GALLERY

TITLE:
EXISTING SITE PLAN

SCALE:	ORIGINAL SIZE:	DESIGNED:	DRAWN:	CHECKED:	AUTHOR:
1:200	A1	TH	TH	RK	TH
	OFFICE:	DATE:	DATE:	DATE:	DATE:
	SIA	04.04.13	04.04.13	04.04.13	04.04.13

PROJECT NO:	DISCIPLINE:	TYPE:	CODE:	DRG NO:	RE
5116694 /	S /	P /	_ /	4140 /	





LEGEND

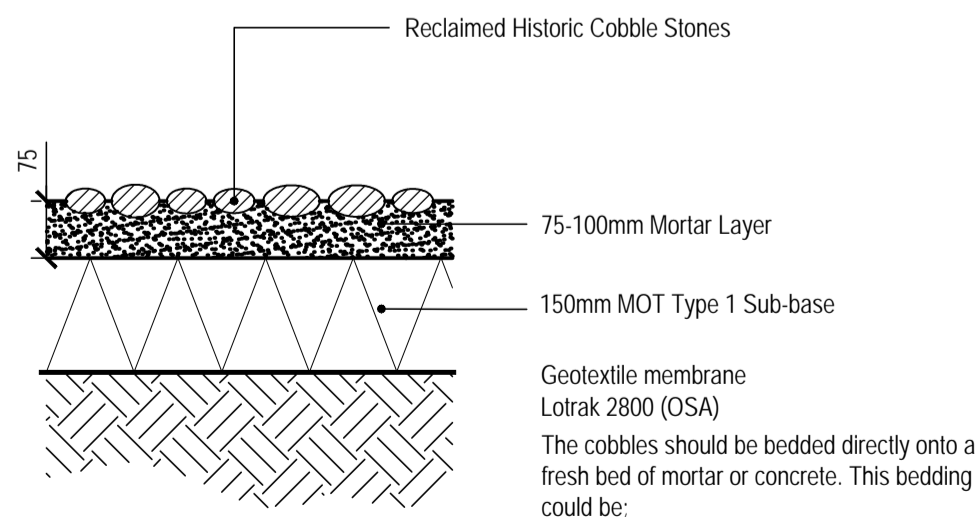
- PROPOSED CONCRETE FLAG PAVING
MARSHALL'S MYRIAD (OR EQUIVALENT)
SIZES: (600x300/400x300/300x300) x 80mm
COLOUR: MORNING LIGHT/MOONLIGHT
- PROPOSED CONCRETE FLAG PAVING
MARSHALL'S MYRIAD (OR EQUIVALENT)
SIZE: 300x300x80mm
COLOUR: MORNING LIGHT/MOONLIGHT
- PROPOSED RESIN BOUND AGGREGATE
COLOUR: STERLING
SUPPLIER: SURESET (OR EQUIVALENT)
- CAR PARK CONSTRUCTION COMPRISING GEOTEXTILE MEMBRANE WITH
25mm SAND BLINDING, 200mm MOT TYPE 1 WELL COMPACTED
HARDCORE, 100mm ROAD BASE, 80mm BASE COURSE AND 20mm
WEARING COURSE. SURFACE TO ACHIEVE FALLS TO NEW ACO DRAIN.
- AREA TO BE RESURFACED WITH 25mm AC6 DENSE SURFACE COURSE.
NOTE: EXISTING SURFACE TO BE SCARIFIED TO PROVIDE A MECHANICAL
KEY TO NEW SURFACE COURSE.
TACK COAT TO BE APPLIED IN ACCORDANCE WITH BS 594987.
SURFACE TO ACHIEVE FALLS TO NEW ACO DRAIN.
- RECLAIMED HISTORIC COBBLE SETTS REUSED
- CAR PARKING STATIONS
DELINEATED BY PRECAST CONSERVATION SETTS
SIZE: 100x100x100mm
COLOUR: SILVER GREY
- PEDESTRIAN TARMACADAM SURFACING
- PLANTED AREAS BY OTHERS
- HEDGING BY OTHERS
- CTK MARSHALL'S PRECAST CONCRETE CONSERVATION TEXTURED KERB
SIZE: 145 x 915 x 255mm
COLOUR: SILVER GREY
- HB2 HALF BATTERED CONCRETE KERB
- EK MARSHALL'S PRECAST CONCRETE CONSERVATION EDGING
915 x 63 x 150mm
COLOUR: SILVER GREY
- PROPOSED DISABLED CIRCULATION AREA
- PROPOSED DISABLED PARKING BAY

NOTE:

THE PROPOSED PAVING MATERIALS OUTLINED ON THIS DRAWING ARE SUBJECT TO PROJECT TEAM ACCEPTANCE. ANY CHANGE IN THE PROPOSED PAVING TYPES AS A RESULT OF THE CLIENT REVIEW PROCESS MAY RESULT IN THE ADJUSTMENT & REDESIGN OF PAVING THICKNESS' AND MAKEUP REQUIREMENTS.

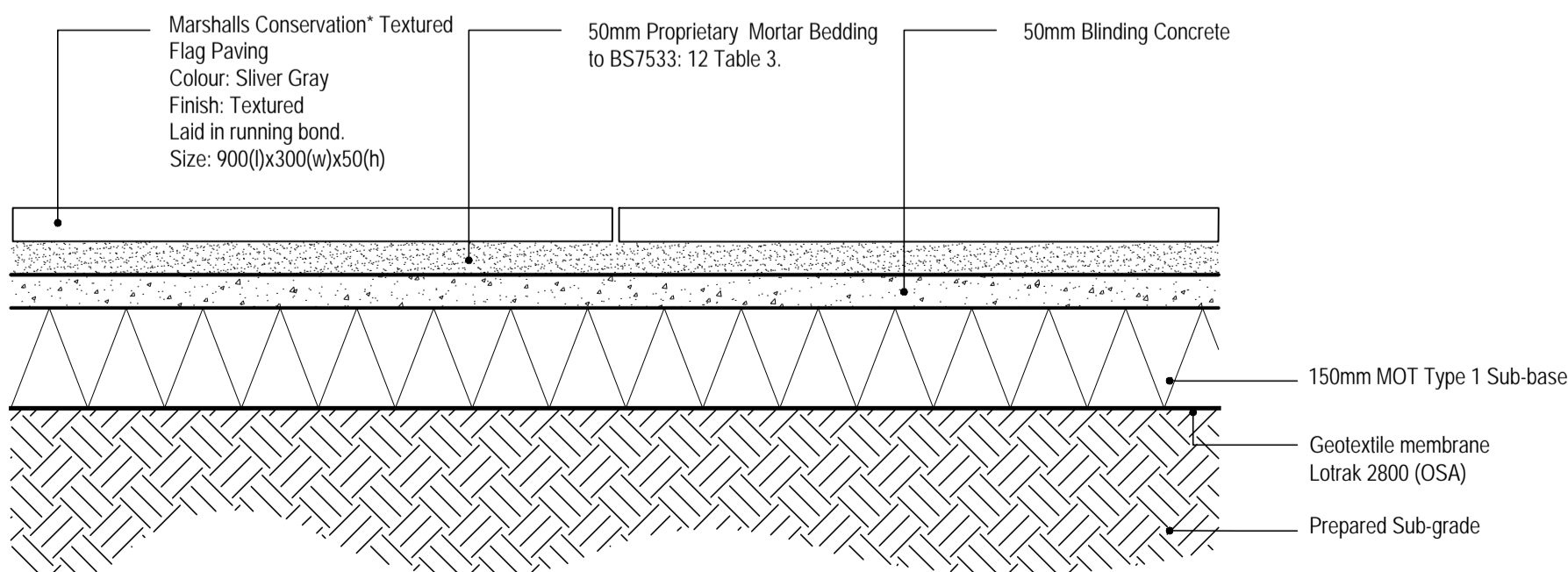
ALL MAKEUPS SHOWN ON THIS DRAWING ARE INDICATIVE ONLY AND ARE TO BE CHECKED & CONFIRMED BY THE PROJECT ENGINEER TO SUIT SITE SPECIFIC CONDITIONS AND THE ANTICIPATED USAGE (VEHICLE OVERRUN ETC) PRIOR TO SITE INSTALLATION.

ALL MAKEUPS ARE TO BE IN ACCORDANCE WITH THE RELEVANT SECTIONS OF BS 7533

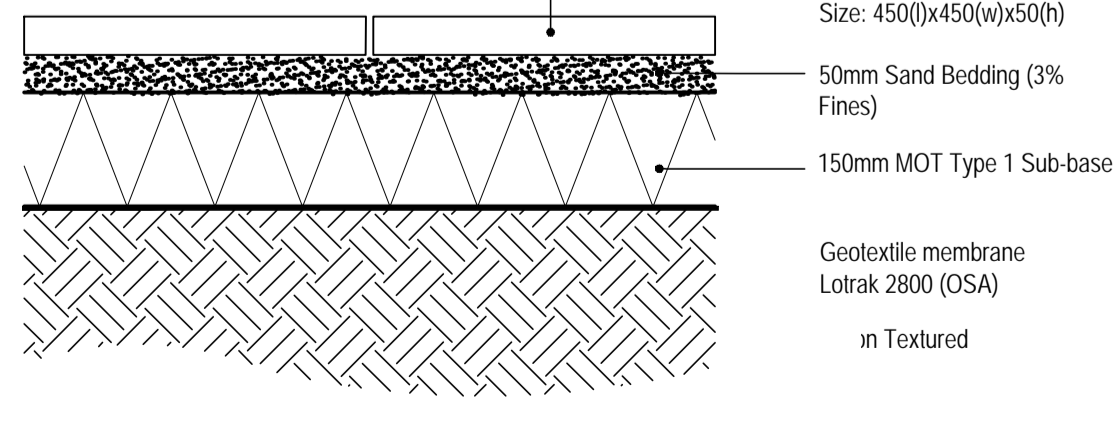


When preparing the bedding layer, a relatively stiff consistency (20-40mm slump or S2) is preferred: but fluid enough to allow the stones to be pushed into the mortar.

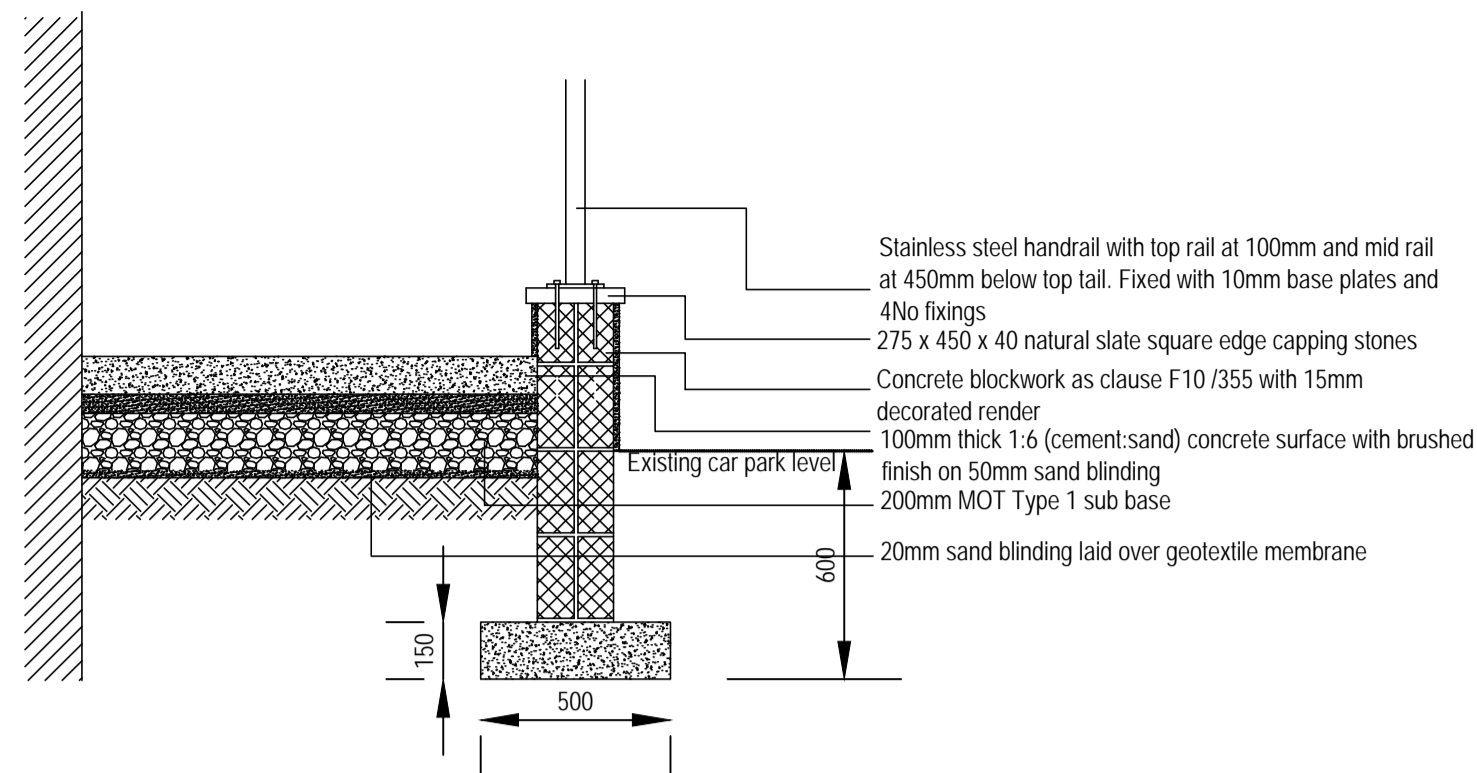
RECLAIMED HISTORIC COBBLE PAVING BANDS
Scale 1:10



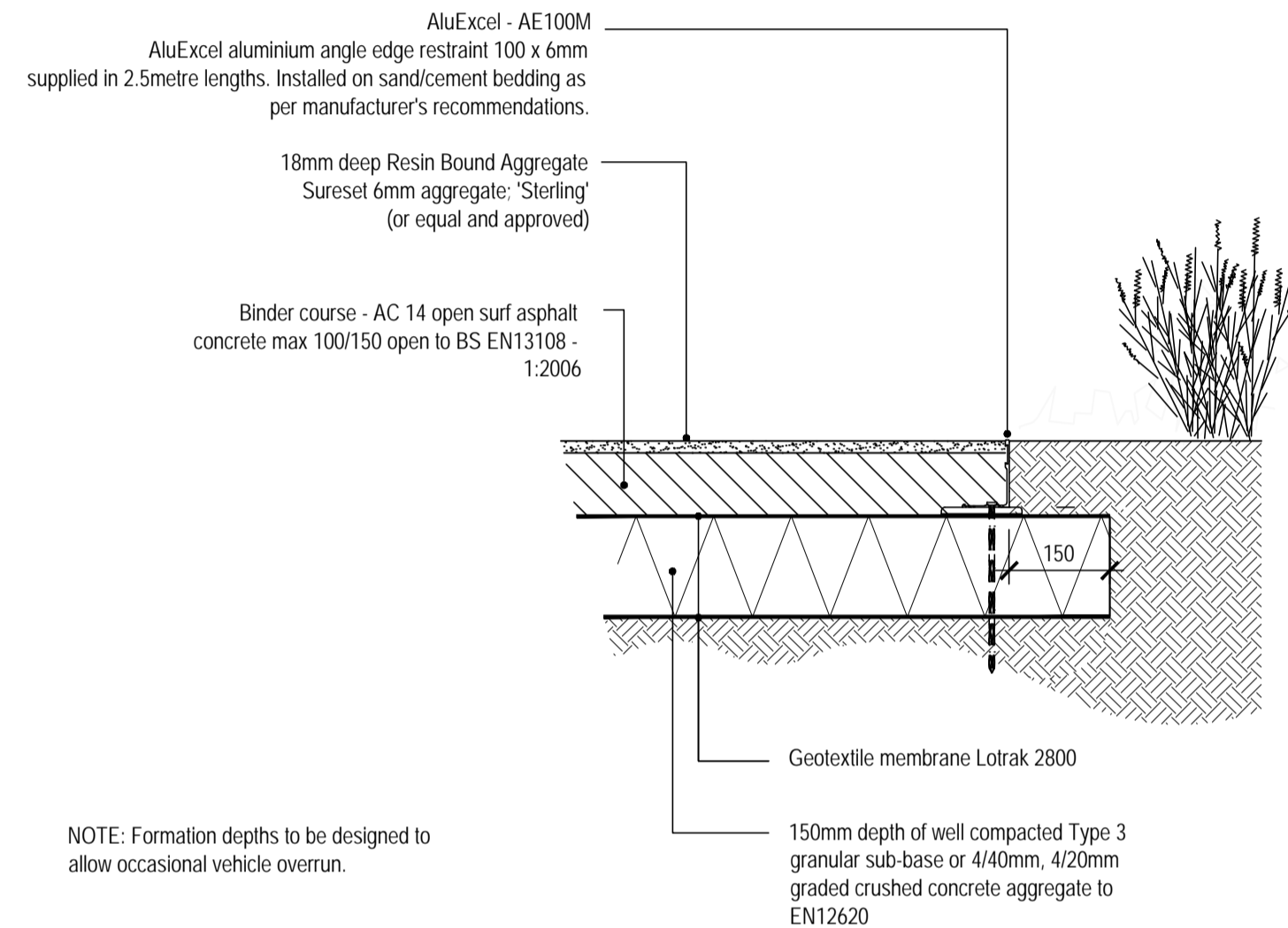
PRECAST CONCRETE CONSERVATION TEXTURED FLAG PAVING
TO MAIN WALKWAY AREAS
Scale 1:10



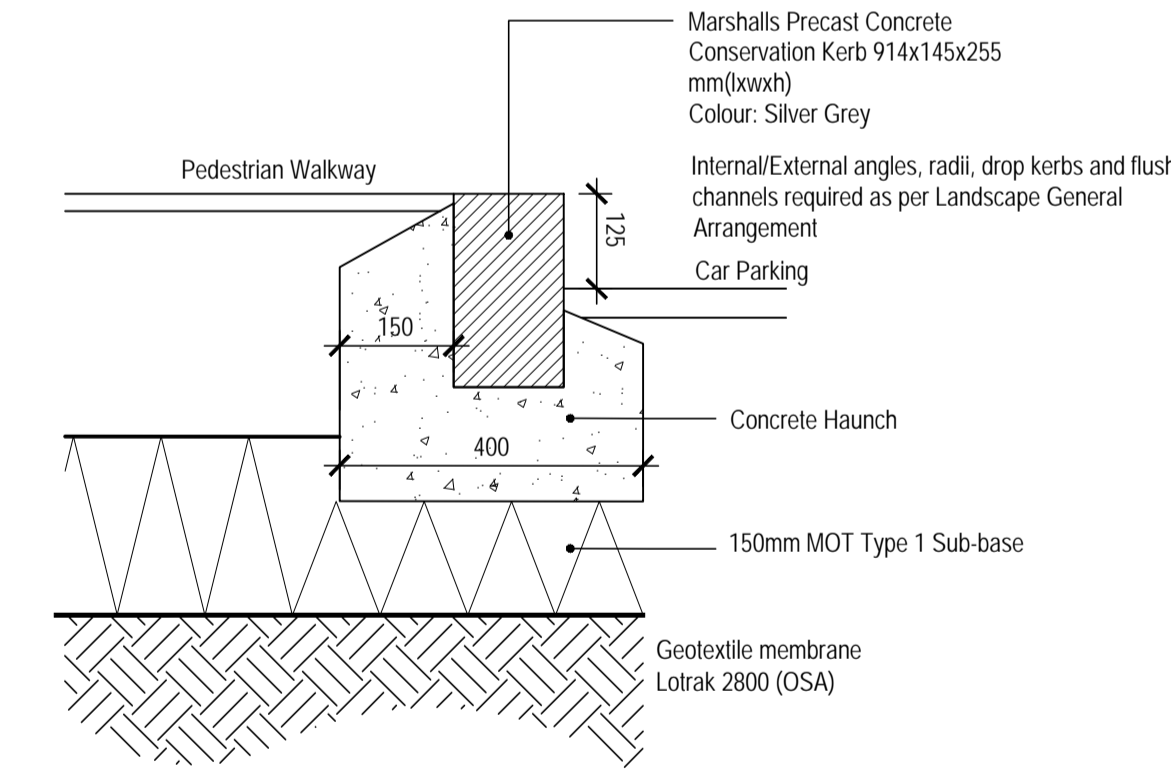
PRECAST CONCRETE CONSERVATION TEXTURED FLAG PAVING
TO COURTYARD AREA
Scale 1:10



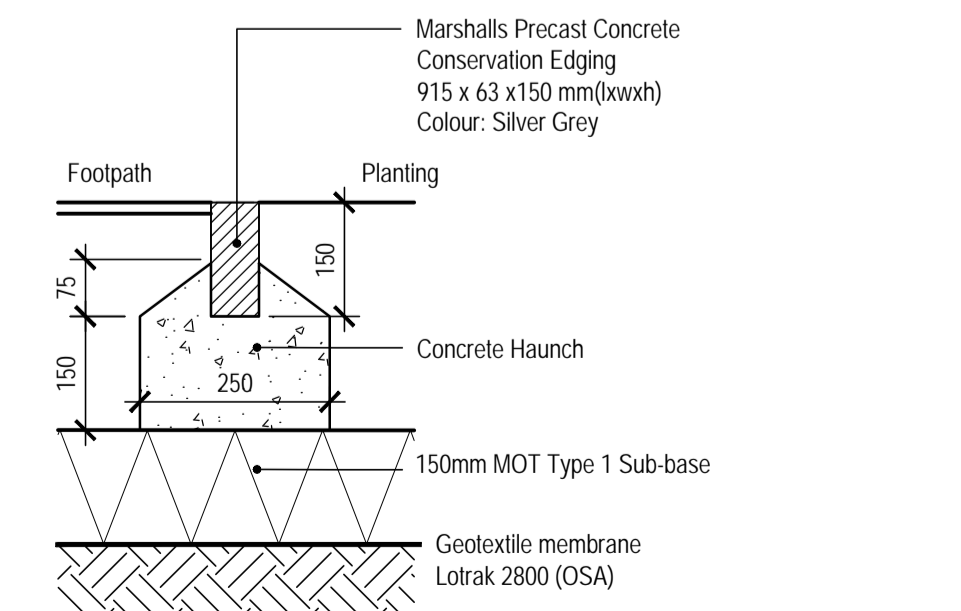
PROPOSED CONCRETE EGRESS RAMP DETAIL
Scale 1:20



PERMEABLE RESIN BOUND FOOTPATH WITH ALUMINIUM EDGING
Scale 1:10



PRECAST CONCRETE CONSERVATION TEXTURED KERB (CTK)
Scale 1:10



PRECAST CONCRETE CONSERVATION TEXTURED EDGING (EK)
Scale 1:10

ATKINS

NOTES

- DO NOT SCALE FROM THIS DRAWING.
- ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS:

ITEM	HAZARD	RISK
CE	ISSUED FOR COST ENQUIRY	RHK 08.05.2015 JP JP
REV	DESCRIPTION	BY DATE CHKD AUTH

ATKINS
Atkins Limited
Unit 7, St Asaph Business Park
Glascoed Road
St Asaph, Denbighshire
LL17 0LL
Wales
Telephone +44(0)1745 585 351
Fax +44(0)1745 583 323



PROJECT:
GWYNEDD MUSEUM AND GALLERY
TITLE:
PROPOSED EXTERNAL WORKS PLAN

SCALE:	ORIGINAL SIZE	DESIGNED	DRAWN	CHECKED	AUTHORISED
SHOWN	AT	JP	RHK	JP	JP
OFFICE:	DATE:	DATE:	DATE:	DATE:	DATE:
SIA	07.05.2015	07.05.2015	08.05.2015	08.05.2015	08.05.2015

PROJECT NO: 5116694 / LA / P / - / 4151 / CE
DISCIPLINE: TYPE: CODE: ORG NO: REV:

PROJECT NO: 5116694 / LA / P / - / 4151 / CE
DISCIPLINE: TYPE: CODE: ORG NO: REV:

Figure 05: Atkins Proposed External Work Plan. Please note that the north arrow and scale bar are incorrect.



Plate 01: Excavation of electrical cable trench to north of Bishop's Palace Room GF03 monitored by GAT on the 29th May 2014. Scale 1x1m.

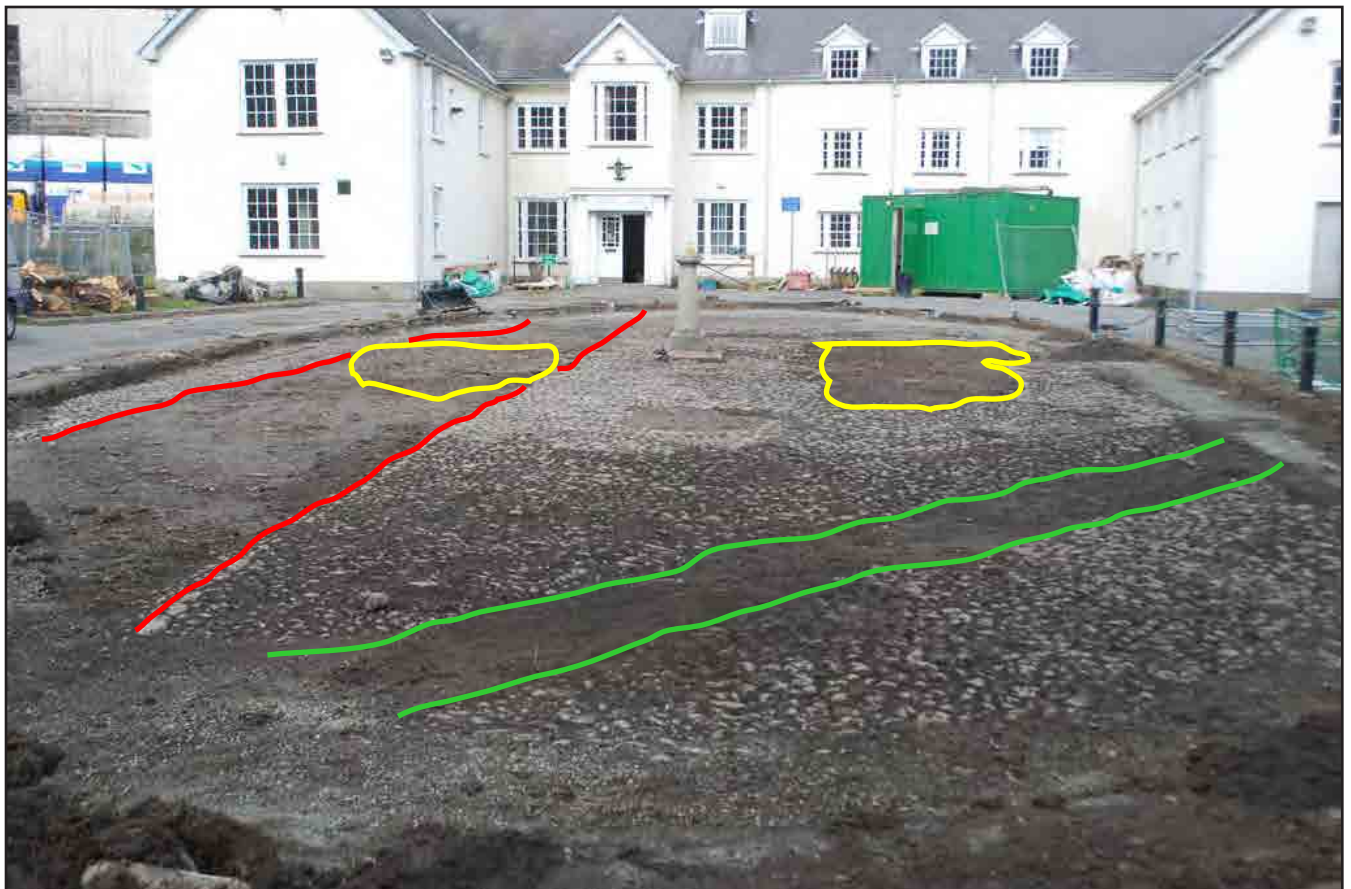


Plate 02: Cobbled surface revealed by removal of lawn from courtyard south of Bishop's Palace on the 25th March 2014. Tree root damage edged in yellow. Service Trench edged in green. 'Processional Way' edged in red.

9 APPENDIX II

9.1 Context Register

APPENDIX II - Context Register

No	Sub Area	Description	Same as	Group
1	Lighting Cable Trench	Black silty clay deposit	N/A	N/A
2	Lighting Cable Trench	Rubble above wall [003]	N/A	N/A
3	Lighting Cable Trench	Wall	N/A	N/A
4	Lighting Cable Trench	Cut for wall [003]	N/A	N/A
5	Oval Area	Cobbled surface east of trackway [144]	(006)	[110]
6	Oval Area	Cobbled kerb east of trackway [144]	(005)	[110]
7	Oval Area	Compacted uppermost deposit of trackway	N/A	[144]
8	Oval Area	Cobbled kerb west of trackway [144]	(009)	[110]
9	Oval Area	Cobbled surface west of trackway [144]	(008)	[110]
10	Oval Area	Concrete kerb stones which border the oval area	N/A	N/A
11	Oval Area	Cut for the concrete kerb stones	N/A	N/A
12	Oval Area	Flower Bed	N/A	N/A
13	Oval Area	Cobbled surface west of the oval, truncated by kerb	(009)	[110]
14	Void	Void	Void	Void
15	Void	Void	Void	Void
16	Oval Area	Cut of NE-SW running modern linear	N/A	N/A
17	Oval Area	Fill of [016]	N/A	N/A
18	Oval Area	Cut of E-W orientated modern linear	N/A	N/A
19	Oval Area	Fill of [018]	N/A	N/A
20	Oval Area	Cut of E-W running modern linear	N/A	N/A
21	Oval Area	Fill of [020]	N/A	N/A
22	Oval Area	Flower Bed	N/A	N/A
23	T1	Compacted sandstone road surface	N/A	[144]
24	T1	Cut of possible gully to the immediate east of the stone surface (023)	N/A	[144]
25	T1	Cut of possible gully to the immediate west of the stone surface (023)	N/A	[144]
26	T1	Upper fill of gully [024]	N/A	[144]

No	Sub Area	Description	Same as	Group
27	T1	Upper fill of gully [025]	N/A	[144]
28	Site wide	Tarmac - Current surface	N/A	N/A
29	Lighting Cable Trench B	Gravel/tarmac - modern levelling deposit	N/A	N/A
30	Lighting Cable Trench B	Lensed fine gravel - modern levelling deposit	N/A	N/A
31	Lighting Cable Trench B	Coarse gravel - modern levelling deposit	N/A	N/A
32	Lighting Cable Trench B	Yellow clay - modern levelling deposit	N/A	N/A
33	Lighting Cable Trench B	Pea gravel - modern levelling deposit	N/A	N/A
34	Lighting Cable Trench B	Coarse sand - modern levelling deposit	N/A	N/A
35	Lighting Cable Trench B	Compact gravel - modern levelling deposit	N/A	N/A
36	Lighting Cable Trench B	Coarse gravel - modern levelling deposit	N/A	N/A
37	Lighting Cable Trench B	Fine band of clay overlying cobbles - trample	N/A	N/A
38	Lighting Cable Trench B	Cobble surface	N/A	[110]
39	Lighting Cable Trench B	Levelling deposit for cobbles (038)	(082), (085), (115), (053)	N/A
40	Lighting Cable Trench B	Slate surface	N/A	[111]
41	Lighting Cable Trench B	Probable levelling deposit for surface (040)	N/A	N/A
42	Lighting Cable Trench B	Probable levelling deposit for surface (040)	N/A	N/A
43	Lighting Cable Trench C	Cobble Surface	N/A	[110]
44	Lighting Cable Trench C	NW-SE aligned band of cobbles	N/A	N/A
45	Lighting Cable Trench C	Mixed dumped deposit at the SW end of the trench	N/A	N/A
46	Lighting Cable Trench C	Pink compacted concrete deposit at the NE end of the trench	N/A	N/A
47	Lighting Cable Trench C	Cut for kerb (048) at the ne end of the trench	N/A	N/A
48	Lighting Cable Trench C	Kerb stones within [047]	N/A	N/A
49	Lighting Cable Trench C	Backfill within cut [047]	N/A	N/A
50	Lighting Cable Trench C	Modern cobbled surface on the eastern side of kerb (048)	N/A	N/A
51	Lighting Cable Trench C	Compacted dark grey silty coarse sand and gravel deposit which underlies (050)	N/A	N/A
52	Lighting Cable Trench A	Cobbled surface	N/A	[110]

No	Sub Area	Description	Same as	Group
53	Lighting Cable Trench A	Sand silt deposit - levelling layer for cobbled surface (053)	(039), (082), (085), (115)	N/A
54	Lighting Cable Trench A	Slate surface	N/A	[111]
55	Lighting Cable Trench D	Cobbled Surface	N/A	[110]
56	Lighting Cable Trench D	Yellow clay with cobbles - within possible cut [146]	N/A	N/A
57	Lighting Cable Trench D	Yellow clay levelling layer at the s end of trench section	N/A	N/A
58	Lighting Cable Trench D	Cinders/coke within a soft brown silt-clay matrix - levelling layer at the n end of trench section	N/A	N/A
59	Lighting Cable Trench D	Coarse gravel with angular stone inclusions below tarmac (028)	N/A	N/A
60	Lighting Cable Trench D	Dark brown sand clay deposit containing mixed stone/mortar at the n edge of	N/A	N/A
61	Lighting Cable Trench D	Fill of modern service trench [084] sealed by tarmac at the n end of this section.	N/A	N/A
62	Lighting Cable Trench E	Midden deposit at the base of the trench	N/A	N/A
63	Lighting Cable Trench E (lamp post section)	Modern levelling layer - Angular chippings in a mid brown silty sand matrix, below tarmac (028)	N/A	N/A
64	Lighting Cable Trench E (lamp post section)	Cut for electric cable trench	N/A	N/A
65	Lighting Cable Trench E (lamp post section)	Fill of trench [064]	N/A	N/A
66	Lighting Cable Trench E (lamp post section)	Modern levelling layer - Soft dark grey silt-clay with occasional stone inclusions	N/A	N/A
67	Lighting Cable Trench E (lamp post section)	Modern levelling layer - Light grey coarse sand and gravel with slate inclusions	N/A	N/A
68	Lighting Cable Trench E (lamp post section)	Patchy yellow clay trample layer overlying cobbles (069)	N/A	N/A
69	Lighting Cable Trench E (lamp post section)	Partially disturbed cobbled surface within mid to dark grey sand matrix	N/A	[110]
70	Lighting Cable Trench E (lamp post section)	Probable levelling layer for cobble surface (069) - mid orange-brown clay with slate inclusions	(080),	N/A
71	Lighting Cable Trench E (lamp post section)	Probable levelling layer - Yellow-grey clay	N/A	N/A
72	Lighting Cable Trench E	Probable levelling layer - soft gritty clay with slate inclusions	N/A	N/A

No	Sub Area	Description	Same as	Group
	(lamp post section)			
73	Lighting Cable Trench E (lamp post section)	Midden deposit - rich, organic/peat with abundant shell & bone	N/A	N/A
74	Lighting Cable Trench E (lamp post section)	Cut and fill of kerb - cut into tarmac (028)	N/A	N/A
75	Lighting Cable Trench E (lamp post section)	Modern levelling deposit: dark brown clay	N/A	N/A
76	Lighting Cable Trench E	Wall at SE end of trench	[109]	N/A
77	Lighting Cable Trench E	Wall at NW end of trench	[151]	N/A
78	Trench 1	Levelling layer for stone surface (023)	N/A	[144]
79	Lighting Cable Trench E	Fine gravel deposit overlying cobble layer (069)	N/A	N/A
80	Lighting Cable Trench E	Levelling deposit for cobbled surface (069), overlies midden deposit (062)	(070),	N/A
81	Trench 1	Uppermost backfilled deposit within paleochannel [091]	N/A	N/A
82	Trench 1	Levelling layer for cobble surface (005)/(006)	(085),	N/A
83	Trench 1	Levelling layer for cobble surface (008)/(009)	N/A	N/A
84	Lighting Cable Trench E	Cut of modern service trench filled by (061)	N/A	N/A
85	Oval Area	Levelling layer for cobbled surface (005)/(006)	(082),	N/A
86	Oval Area	Stone surface	N/A	[111]
87	Trench 1	Stony backfill deposit within paleochannel [091]	N/A	N/A
88	Trench 1	Stone surface to the west of the trackway	N/A	[111]
89	Trench 1	Reddish deposit below stone surface (086)	N/A	N/A
90	Trench 1	Organic fill of paleochannel [091]	N/A	N/A
91	Trench 1	Cut of paleochannel	N/A	N/A
92	Trench 1	Reddish deposit below stone surface (086), cut by paleochannel [091]	N/A	N/A
93	Trench 1	Alluvial deposit within paleochannel [091] - soft mid grey-brown clay	N/A	N/A
94	Trench 1	Alluvial deposit within paleochannel [091] - rounded gravel	N/A	N/A
95	Trench 1	Alluvial deposit within paleochannel [091] - firm mid grey-yellow clay	N/A	N/A
96	Trench 1	Alluvial deposit within paleochannel [091] - twigs/branches	N/A	N/A

No	Sub Area	Description	Same as	Group
97	Trench 1	Alluvial deposit within paleochannel [091] - gravel	N/A	N/A
98	Trench 1	Alluvial blue grey clay deposit, observed in the side of the cut of the paleochannel	N/A	N/A
99	Oval Area	Concrete flagpole base	N/A	N/A
100	Oval Area	Concrete pad - probable anchor for the flagpole	N/A	N/A
101	Trench 1	Primary fill of possible gully [025]	N/A	[144]
102	Trench 1	Primary fill of possible gully [024]	N/A	[144]
103	Oval Area	Concrete pad - probable anchor for the flagpole	N/A	N/A
104	Drainage trench A	Cut of possible modern service trench filled by (107)	N/A	N/A
105	Drainage trench A	Modern levelling layer for tarmac - pea gravel	N/A	N/A
106	Drainage trench A	Cobble surface	N/A	[110]
107	Drainage trench A	Fill of possible cut [104] - modern disturbance - yellow-brown mixed deposit	N/A	N/A
108	Drainage trench A	Levelling layer(?) - Dark yellow-brown silt clay	N/A	N/A
109	Trench 2	Wall of possible building - rubble built, L-shaped	[076]	N/A
110	General	Group no assigned to cobbled surface	N/A	N/A
111	General	Group no assigned to stone flagged surface - slate/shale	N/A	N/A
112	Trench 2	Cobbled surface	N/A	[110]
113	Trench 2	Cut of linear - truncates (112)	N/A	N/A
114	Trench 2	Fill of linear [113] - disturbed cobbles within yellow clay	N/A	N/A
115	Trench 2	Levelling layer for cobbles	N/A	N/A
116	Trench 2	Stone flagged surface	N/A	[111]
117	Trench 2	Possible levelling layer for surface [116] - patchy, dark brown clay containing some occupation material	N/A	N/A
118	Trench 2	Midden deposit	N/A	N/A
119	Trench 2	Fill of truncated feature [128]	N/A	N/A
120	Trench 2	Void	N/A	N/A
121	Trench 2	Dark grey-brown deposit	(124),	N/A
122	Trench 2	Cut of small pit	N/A	N/A
123	Trench 2	Sole fill of pit [122]	N/A	N/A

No	Sub Area	Description	Same as	Group
124	Trench 2	Burnt deposit - lenses of bright red clay interspersed with charcoal rich	(121),	N/A
125	Trench 2	Pink clay deposit	N/A	N/A
126	Trench 2	Cut of small pit	N/A	N/A
127	Trench 2	Fill of small pit [126]	N/A	N/A
128	Trench 2	Cut of small feature in the northern corner of T2	N/A	N/A
129	Trench 2	Secondary fill of [128]	N/A	N/A
130	Trench 2	Thin deposit of sand-silt overlying midden deposit (118)	N/A	N/A
131	Trench 2	Stony fill of cut feature [134]	N/A	N/A
132	Trench 2	Secondary fill of [135]	N/A	N/A
133	Trench 2	Mortar rich deposit overlying wall [109]	N/A	N/A
134	Trench 2	Cut of shallow truncated feature	N/A	N/A
135	Trench 2	Cut of shallow truncated feature	N/A	N/A
136	Trench 2	Primary fill of [135]	N/A	N/A
137	Trench 2	Small patch of slate rich deposit	N/A	N/A
138	Trench 2	Unexcavated, partially heat effected deposit at the base of trench	N/A	N/A
139	Trench 2	Unexcavated, silt-clay deposit at the base of trench	N/A	N/A
140	Trench 2	Modern levelling layer overlying cobble surface (144)	N/A	N/A
141	Trench 2	Modern levelling layer below tarmac (028) - fine grey gravel	N/A	N/A
142	Trench 2	Build-up of material against the SE face of wall [109]	N/A	N/A
143	Lighting Cable Trench E	Levelling layer below tarmac (028) - fine gravel	N/A	N/A
144	General	Feature/group no for trackway	N/A	N/A
145	Oval Area	Topsoil	N/A	N/A
146	Lighting Cable Trench D	Possible cut feature filled by disturbed cobble deposit (056)	N/A	N/A
147	Drainage trench A	Cut of modern service trench	N/A	N/A
148	Drainage trench A	Fill of modern service trench [147]	N/A	N/A
149	Drainage trench A	Midden deposit (formally (109)	N/A	N/A
150	Drainage trench A	Alluvial gravel deposit at the base of the trench (formally 110)	N/A	N/A
151	Drainage trench A	Uncoursed Rubble built wall running NW-SE (formally 111)	[077]	N/A

No	Sub Area	Description	Same as	Group
152	Drainage trench A	Cut for wall [151] (formally 112)	N/A	N/A
153	Drainage trench A	Levelling layer (formally (113)	N/A	N/A
154	Drainage trench	Cut of stone culvert	N/A	N/A
155	Drainage trench	Stone lining of culvert within [154]	N/A	N/A

10 APPENDIX III

10.1 Site Matrix

11 APPENDIX IV

11.1 Find Register

APPENDIX IV - Find Register

Find no.	Sub division	Context	Description	Weight (g)
1	Lighting Cable trench E	(062).	2 sherds of possibly late medieval pot within midden	30
2	Lighting Cable trench E	(039).	C20th pot fragments, possibly out of context?	6
3	Unstratified	N/A	Possible coin fragment	<1
4	Trench 1	(081).	Animal bone	5
5	Oval area	(085).	Copper nail/button	3
6	Trench 2	(112).	Buckley ware sherd	14
7	Trench 2	(117).	Fe object	7
8	Trench 2	(117).	Pottery sherds	23
9	Trench 2	(123).	Pottery sherds - handle section	8
10	Trench 2	N/A	unstratified pot sherds from above the level of stone surface [111]	99
11	Trench 2	N/A.	unstratified pot sherds from below the level of stone surface [111]	17
12	Trench 2	(131).	Fe object	14
13	Trench 2	(119).	Fe object	15
14	Trench 2	(117).	Pottery sherd	7
15	Trench 2	(116).	Slate surface sample	817
16	Drainage trench	(108).	Bone	20
17	Drainage trench	(107).	Pottery sherd	142
18	Lighting Cable trench A	(001).	Pottery sherds - Yellow combed slipware	151
19	Lighting Cable trench A	(002).	Pottery sherd	84
20	Lighting Cable trench A	(002).	Animal bone	122
21	Lighting Cable trench A	(003).	Clay pipe stem	6
22	Lighting Cable trench A	(003).	Pot sherds	7
23	Lighting Cable trench A	(003).	Animal tooth	18
24	Lighting Cable trench A	(003).	Dressed stone	7700

12 APPENDIX V

12.1 Photographic Register

APPENDIX V - Photographic Register

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0247	Exterior 'Oval' feature	View of central area in front of Bishop's Palace		S	1 x 1m	20/03/14	Robert Evans
G2358_0248	Exterior 'Oval' feature	View of central area in front of Bishop's Palace		S	1 x 1m	20/03/14	Robert Evans
G2358_0249	Exterior 'Oval' feature	View of central area in front of Bishop's Palace		N	1 x 1m	20/03/14	Robert Evans
G2358_0250	Exterior 'Oval' feature	View of central area in front of Bishop's Palace		N	1 x 1m	20/03/14	Robert Evans
G2358_0251	Exterior 'Oval' feature	Detail showing sundial		S	1 x 1m	20/03/14	Robert Evans
G2358_0252	Exterior 'Oval' feature	Detail showing sundial		S	1 x 1m	20/03/14	Robert Evans
G2358_0253	Exterior 'Oval' feature	Detail showing sundial		N	1 x 1m	20/03/14	Robert Evans
G2358_0254	Exterior 'Oval' feature	Detail showing sundial		N	1 x 1m	20/03/14	Robert Evans
G2358_0255	Exterior 'Oval' feature	Detail showing sundial		W	1 x 1m	20/03/14	Robert Evans
G2358_0256	Exterior 'Oval' feature	Detail showing sundial		W	1 x 1m	20/03/14	Robert Evans
G2358_0257	Exterior 'Oval' feature	Topsoil stripping		S		20/03/14	Robert Evans
G2358_0258	Exterior 'Oval' feature	Topsoil stripping		S		20/03/14	Robert Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0259	Exterior 'Oval' feature	Cobbles at depth of 0.2m		SW	1 x 1m	20/03/14	Robert Evans
G2358_0260	Exterior 'Oval' feature	Cobbles at depth of 0.2m		SW	1 x 1m	20/03/14	Robert Evans
G2358_0261	Exterior 'Oval' feature	Cobbles at depth of 0.2m		N	1 x 1m	20/03/14	Robert Evans
G2358_0262	Exterior 'Oval' feature	Cobbles at depth of 0.2m		N	1 x 1m	20/03/14	Robert Evans
G2358_0263	Exterior 'Oval' feature	Removal of topsoil		N		21/03/14	Robert Evans
G2358_0264	Exterior 'Oval' feature	Removal of topsoil		N		21/03/14	Robert Evans
G2358_0265	Exterior 'Oval' feature	View of cobbled area from the first floor of Bishop's Palace		NW	1 x 1m	21/03/14	Robert Evans
G2358_0266	Exterior 'Oval' feature	View of cobbled area from the first floor of Bishop's Palace		NW	1 x 1m	21/03/14	Robert Evans
G2358_0267	Exterior 'Oval' feature	View of cobbled area from the first floor of Bishop's Palace		NW	1 x 1m	21/03/14	Robert Evans
G2358_0268	Exterior 'Oval' feature	View of cobbled area from the first floor of Bishop's Palace		NW	1 x 1m	21/03/14	Robert Evans
G2358_0269	Exterior 'Oval' feature	View of cobbled area from the first floor of Bishop's Palace		NW	1 x 1m	21/03/14	Robert Evans
G2358_0270	Exterior 'Oval' feature	View of cobbled area from the first floor of Bishop's Palace		NW	1 x 1m	21/03/14	Robert Evans
G2358_0271	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		SE		25/03/14	Laura Wilson Parry

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0272	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		SE		25/03/14	Laura Wilson Parry
G2358_0273	Exterior 'Oval' feature	Moving towards the N, view from above of cobbled area.		NE		25/03/14	Laura Wilson Parry
G2358_0274	Exterior 'Oval' feature	Moving towards the N, view from above of cobbled area.		NE		25/03/14	Laura Wilson Parry
G2358_0275	Exterior 'Oval' feature	Moving towards the N, view from above of cobbled area.		NE		25/03/14	Laura Wilson Parry
G2358_0276	Exterior 'Oval' feature	Shot of cobbled area to the SE		NW	2x1m	25/03/14	Laura Wilson Parry
G2358_0277	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		SE	2x1m	25/03/14	Laura Wilson Parry
G2358_0278	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		SE	2x1m	25/03/14	Laura Wilson Parry
G2358_0279	Exterior 'Oval' feature	View of the cobbles from the SW		SW	2x1m	25/03/14	Laura Wilson Parry
G2358_0280	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NW	2x1m	25/03/14	Laura Wilson Parry
G2358_0281	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NW	2x1m	28/03/14	Ken Owen
G2358_0282	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NW	2x1m	28/03/14	Ken Owen
G2358_0283	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NW	-	28/03/14	Ken Owen
G2358_0284	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NW	2x1m	28/03/14	Ken Owen

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0285	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		SE	2x1m	28/03/14	Ken Owen
G2358_0286	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		SE	2x1m	28/03/14	Ken Owen
G2358_0287	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NE	2x1m	28/03/14	Ken Owen
G2358_0288	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		N	2x1m	28/03/14	Ken Owen
G2358_0289	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		E	2x1m	28/03/14	Ken Owen
G2358_0290	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NE	2x1m	28/03/14	Ken Owen
G2358_0291	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		N	2x1m	28/03/14	Ken Owen
G2358_0292	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		S	2x1m	28/03/14	Ken Owen
G2358_0293	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		S	2x1m	28/03/14	Ken Owen
G2358_0294	Exterior 'Oval' feature	View of fully revealed cobbled area within 'Oval'		NE	2x1m	28/03/14	Ken Owen
G2358_0495	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	28/05/14	Iwan Parry
G2358_0496	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		N	1x1m	28/05/14	Iwan Parry
G2358_0497	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	29/05/14	Rob Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0498	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	29/05/14	Rob Evans
G2358_0499	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0500	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0501	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NE	1x1m	29/05/14	Rob Evans
G2358_0502	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NE	1x1m	29/05/14	Rob Evans
G2358_0503	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		N	1x1m	29/05/14	Rob Evans
G2358_0504	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		N	1x1m	29/05/14	Rob Evans
G2358_0505	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0506	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0507	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	29/05/14	Rob Evans
G2358_0508	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	29/05/14	Rob Evans
G2358_0509	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0510	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0511	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NE	1x1m	29/05/14	Rob Evans
G2358_0512	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NE	1x1m	29/05/14	Rob Evans
G2358_0513	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0514	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		SE	1x1m	29/05/14	Rob Evans
G2358_0515	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	29/05/14	Rob Evans
G2358_0516	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	1x1m	29/05/14	Rob Evans
G2358_0517	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	-	29/05/14	Rob Evans
G2358_0518	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NW	-	29/05/14	Rob Evans
G2358_0519	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NE	1x1m	29/05/14	Rob Evans
G2358_0520	Exterior	Trench excavated along the NE elevation of the 19th century northern extension		NE	1x1m	29/05/14	Rob Evans
G2358_0745.jpg	Drainage Excavation	General view of trench re-excavation to rear of Bishop's Palace		ESE	1x1m	09/07/15	Robert Evans
G2358_0746.jpg	Drainage Excavation	Working shot of trench re-excavation to rear of Bishop's Palace		ESE	1x1m	09/07/15	Robert Evans
G2358_0747.jpg	Café Breakout Area	General shot of machine removal of tree stumps		NN W	-	09/07/15	Robert Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0748.jpg	Café Breakout Area	General shot of machine removal of tree stumps		NN W	-	09/07/15	Robert Evans
G2358_0749.jpg	Café Breakout Area	General shot of machine removal of tree stumps		NW	-	09/07/15	Robert Evans
G2358_0750.jpg	Café Breakout Area	General shot of machine removal of tree stumps		NW	-	09/07/15	Robert Evans
G2358_0751.jpg	Café Breakout Area	Topsoil stripping of northern half of tree root area		WN W	-	09/07/15	Robert Evans
G2358_0752.jpg	Café Breakout Area	Working shot topsoil removal at N end of café break out area				13/07/15	Anne Marie Oattes
G2358_0753.jpg	Café Breakout Area	Working shot topsoil removal at N end of café break out area				13/07/15	Anne Marie Oattes
G2358_0754.jpg	Café Breakout Area	Shot of slag deposit in topsoil				13/07/15	Anne Marie Oattes
G2358_0755.jpg	Café Breakout Area	Shot of slag deposit in topsoil with building in the background				13/07/15	Anne Marie Oattes
G2358_0756.jpg	Café Breakout Area	Working shot of concrete paving and topsoil removal				14/07/15	Anne Marie Oattes
G2358_0757.jpg	Café Breakout Area	Existing drainage pipes aligned E/W to gully at dog leg of building				14/07/15	Anne Marie Oattes
G2358_0758.jpg	Café Breakout Area	Working shot along length of building				14/07/15	Anne Marie Oattes
G2358_0759.jpg	Café Breakout Area	Shot of area after concrete paving and topsoil removed				14/07/15	Anne Marie Oattes
G2358_0760.jpg	Café Breakout Area	Shot of area after concrete paving and topsoil removed				14/07/15	Anne Marie Oattes

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0761.j pg	Café Breakout Area	Shot showing depth of cinder bed beneath concrete paving				14/07/15	Anne Marie Oattes
G2358_0762.j pg	Café Breakout Area	Working shot				14/07/15	Anne Marie Oattes
G2358_0763.j pg	Café Breakout Area	Working shot				14/07/15	Anne Marie Oattes
G2358_0764.j pg	Drainage Trench	Shot of gully at dog leg of building showing drain pipes		NN W		15/07/15	Anne Marie Oattes
G2358_0765.j pg	Drainage Trench	Shot of new drainage trench, gully and broken drainage pipes		NW		15/07/15	Anne Marie Oattes
G2358_0766.j pg	Drainage Trench	NW facing section of stone culvert at edge of building		NW	1x1m	15/07/15	Anne Marie Oattes
G2358_0767.j pg	Drainage Trench	Stone culvert at edge of building- capstone removed			1x1m	15/07/15	Anne Marie Oattes
G2358_0768.j pg	Drainage Trench	Location shot of stone culvert next to gully at dog leg of building			1x1m	15/07/15	Anne Marie Oattes
G2358_0769.j pg	Drainage Trench	Drainage trench mid-ex		NN W	1x1m	15/07/15	Anne Marie Oattes
G2358_0770.j pg	Drainage Trench	NE facing section of drainage trench		NE	1x1m	15/07/15	Anne Marie Oattes
G2358_0771.j pg	Drainage Trench	Length of drainage trench fully excavated		NN W	1x1m	15/07/15	Anne Marie Oattes
G2358_0772.j pg	Drainage Trench	Length of drainage trench fully excavated		SSE	1x1m	15/07/15	Anne Marie Oattes
G2358_0773.j pg	Flower Bed	Pre-ex shot of flower bed at NE end of car park			-	15/07/15	Anne Marie Oattes

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0774.jpg	Flower Bed	Location shot showing flower bed				15/07/15	Anne Marie Oattes
G2358_0775.jpg	Flower Bed	Working shot		NE		15/07/15	Anne Marie Oattes
G2358_0776.jpg	Flower Bed	Working shot		SE		15/07/15	Anne Marie Oattes
G2358_0777.jpg	Flower Bed	Mid-ex shot showing manhole cover and front of building		NE	1x1m	15/07/15	Anne Marie Oattes
G2358_0778.jpg	Flower Bed	Topsoil removed from flowerbed		NE	-	15/07/15	Anne Marie Oattes
G2358_0779.jpg	Flower Bed	Topsoil removed from flowerbed		SE		15/07/15	Anne Marie Oattes
G2358_0780.jpg	Flower Bed	Topsoil removed from flowerbed		SE		16/07/15	Jess Davidson
G2358_0781.jpg	Flower Bed	Topsoil removed from flowerbed		SW		16/07/15	Jess Davidson
G2358_0782.jpg	Café area	Location shot		NW		20/07/15	Jess Davidson
G2358_0783.jpg	Café area	Removal of topsoil from trench area		W		20/07/15	Jess Davidson
G2358_0784.jpg	Café area	Working shot of topsoil removal		NW		20/07/15	Jess Davidson
G2358_0785.jpg	Café area	Working shot of topsoil removal		NW	1x1m	20/07/15	Jess Davidson
G2358_0786.jpg	Café area	Black material at base of trench		NW	1x1m	20/07/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0787.jpg	Café area	Black material at base of trench		SW	1x1m	20/07/15	Jess Davidson
G2358_0788.jpg	Café area	SW facing section showing stones in section		SW	1x1m	20/07/15	Jess Davidson
G2358_0789.jpg	Café area	Length of trench		NW	1x1m	20/07/15	Jess Davidson
G2358_0790.jpg	Café area	NE facing section showing stones		NE	1x1m	20/07/15	Jess Davidson
G2358_0791.jpg	Café area	Location shot		SW		20/07/15	Jess Davidson
G2358_0792.jpg	Café area	Location shot		NW		20/07/15	Jess Davidson
G2358_0800.jpg	Lighting Trench	Black waste deposit/ layer (WB01)		SW	0.5m	21/07/15	Dave McNicol
G2358_0801.jpg	Lighting Trench	Black waste deposit/ layer (WB01)		NE	1m	21/07/15	Dave McNicol
G2358_0802.jpg	Lighting Trench	Wall [WB03] Foundations		NE	1m	21/07/15	Dave McNicol
G2358_0803.jpg	Lighting Trench	Wall [WB03] Foundations		SE	1m	21/07/15	Dave McNicol
G2358_0804.jpg	Lighting Trench	Wall [WB03] Foundations		SW	1m	21/07/15	Dave McNicol
G2358_0805.jpg	Lighting Trench	Wall [WB03] partially removed, showing cut [WB04]		NW	1m	21/07/15	Dave McNicol
G2358_0806.jpg	Lighting Trench	Wall [WB03] partially removed, showing cut [WB04]		NW	1m	21/07/15	Dave McNicol

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0807.jpg	Lighting Trench	Wall [WB03] partially removed, showing cut [WB04]		NE	1m	21/07/15	Dave McNicol
G2358_0808.jpg	Lighting Trench	Wall [WB03] partially removed, showing cut [WB04]		SW	1m	21/07/15	Dave McNicol
G2358_0809.jpg	Lighting Trench	General shot of trench		NE	1m	21/07/15	Dave McNicol
G2358_0810.jpg	Lighting Trench	General shot of trench		SE	1m	21/07/15	Dave McNicol
G2358_0811.jpg	Lighting Trench	Stone drain in trench		SW	1m	23/07/15	Dave McNicol
G2358_0812.jpg	Lighting Trench	General shot of trench		NW	1m	23/07/15	Dave McNicol
G2358_0813.jpg	Lighting Trench	General shot of trench		NW	1m	23/07/15	Dave McNicol
G2358_0814.jpg	Lighting Trench	General shot of trench		NW	1m	23/07/15	Dave McNicol
G2358_0815.jpg	Lighting Trench	Rubble/ stone drain in trench		SW	1m	23/07/15	Dave McNicol
G2358_0816.jpg	Lighting Trench	General shot of trench		NW	1m	23/07/15	Dave McNicol
G2358_0817.jpg	Lighting Trench	Slate capped drain 1		SW	1m	24/07/15	Dave McNicol
G2358_0818.jpg	Lighting Trench	Slate capped drain 1		NW	1m	24/07/15	Dave McNicol
G2358_0819.jpg	Lighting Trench	Slate capped drain 2		NE	1m	24/07/15	Dave McNicol

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0820.jpg	Lighting Trench	Slate capped drain 2		SE	1m	24/07/15	Dave McNicol
G2358_0821.jpg	Lighting Trench	Slate capped drain 2 - showing rough alignment		SSE	1m	24/07/15	Dave McNicol
G2358_0822.jpg	Lighting Trench	General shot of trench showing collapse and cobbles		SE	-	27/07/15	Dave McNicol
G2358_0823.jpg	Lighting Trench	Cobbles in section		SW	-	27/07/15	Dave McNicol
G2358_0824.jpg	Lighting Trench	Cobbles in section		SW	-	27/07/15	Dave McNicol
G2358_0825.jpg	Lighting Trench	Cobbles in section		SW	-	27/07/15	Dave McNicol
G2358_0826.jpg	Lighting Trench	General shot of trench		SE	-	27/07/15	Dave McNicol
G2358_0827.jpg	Lighting Trench	General shot of trench		NW	-	27/07/15	Dave McNicol
G2358_0828.jpg	Lighting Trench	Cobbled surface under kerb - not excavated		NW	-	27/07/15	Dave McNicol
G2358_0829.jpg	Cobbles Re-reveal	General shot showing terram and slate removal over cobbles		S	1 x 1m	31/07/15	Robert Evans
G2358_0830.jpg	Lighting Trench	Excavation of 650mm pit for lighting pole in open trench to w of the Bishop's Palace		NW	1 x 1m	31/07/15	Robert Evans
G2358_0831.jpg	Lighting Trench	Section of pit in open trench for lighting pole to the W of the Bishop's palace		W	1 x 1m	31/07/15	Robert Evans
G2358_0832.jpg	Lighting Trench	Section and general view of a pit at the S end of the open trench at the w side of the Bishop's palace		SW	1 x 1m	31/07/15	Robert Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0833.j pg	Cobbles Re-reveal	General shot showing the extent of the terram and slate removal towards the end of the day		S	1 x 1m	31/07/15	Robert Evans
G2358_0834.j pg	Cobbles Re-reveal	General shot of remaining spoil heap in centre of cobbled area of compound		N	-	10/08/15	Spencer Gavin Smith
G2358_0835.j pg	Cobbles Re-reveal	General shot of delivery of concrete to be transported around W side of site of works there		N	-	11/08/15	Spencer Gavin Smith
G2358_0836.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		E	-	11/08/15	Spencer Gavin Smith
G2358_0837.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		E	1x1m	11/08/15	Spencer Gavin Smith
G2358_0838.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		E	-	11/08/15	Spencer Gavin Smith
G2358_0839.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The section of missing cobbles was formerly a 20th century flower bed		E	1x1m	11/08/15	Spencer Gavin Smith
G2358_0840.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The section of missing cobbles was formerly a 20th century flower bed		S	-	11/08/15	Spencer Gavin Smith
G2358_0841.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles were formerly 20th century flower beds		S	1x1m	11/08/15	Spencer Gavin Smith
G2358_0842.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles were formerly 20th century flower beds		E	-	11/08/15	Spencer Gavin Smith
G2358_0843.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The section of missing cobbles was formerly a 20th century flower bed		S	1x1m	11/08/15	Spencer Gavin Smith
G2358_0844.j pg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The section of missing cobbles was		S	1x1m	11/08/15	Spencer Gavin Smith

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
		formerly a 20th century flower bed					
G2358_0845.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		E	1x1m	12/08/15	Spencer Gavin Smith
G2358_0846.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		E	1x1m	12/08/15	Spencer Gavin Smith
G2358_0847.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles were formerly 20th century flower beds		S	1x1m	12/08/15	Spencer Gavin Smith
G2358_0848.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The section of missing cobbles was formerly a pathway to the principal doorway of the Bishops Palace		S	-	12/08/15	Spencer Gavin Smith
G2358_0849.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		S	-	12/08/15	Spencer Gavin Smith
G2358_0850.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles was formerly a pathway to the principal doorway of the Bishops Palace		S	1x1m	12/08/15	Spencer Gavin Smith
G2358_0851.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles was formerly a pathway to the principal doorway of the Bishops Palace		S	1x1m	12/08/15	Spencer Gavin Smith
G2358_0852.jpg	Cobbles Re-reveal	Eastern side of a pathway to the principal doorway of the Bishops Palace		S	1x1m	12/08/15	Spencer Gavin Smith
G2358_0853.jpg	Cobbles Re-reveal	Eastern side of a pathway to the principal doorway of the Bishops Palace		S	-	12/08/15	Spencer Gavin Smith
G2358_0854.jpg	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The section of missing cobbles was		S	1x1m	12/08/15	Spencer Gavin Smith

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
		formerly a pathway to the principal doorway of the Bishops Palace					
G2358_0855	Lighting Trench	Attempt at excavation of lighting trench with 13 tonne machine		N	-	13/08/15	Spencer Gavin Smith
G2358_0856	Lighting Trench	Attempt at excavation of lighting trench with 13 tonne machine		N	1x1m	13/08/15	Spencer Gavin Smith
G2358_0857	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath		E	1x1m	13/08/15	Spencer Gavin Smith
G2358_0858	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles was formerly a pathway to the principal doorway of the Bishops Palace		E	1x1m	13/08/15	Spencer Gavin Smith
G2358_0859	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles was formerly a pathway to the principal doorway of the Bishops Palace		E	1x1m	13/08/15	Spencer Gavin Smith
G2358_0860	Cobbles Re-reveal	Membrane being peeled back to reveal the cobbled surface beneath. The sections of missing cobbles was formerly a pathway to the principal doorway of the Bishops Palace		E	1x1m	13/08/15	Spencer Gavin Smith
G2358_0861	Lighting Cable Trench (A)	Route of lighting cable trench (A) before excavation		NW	1x1m	14/08/15	Neil McGuinness
G2358_0862	Lighting Cable Trench (A)	Working shot - Removal of kerb stones and tarmac for lighting cable trench (A)		SE	-	14/08/15	Neil McGuinness
G2358_0863	Lighting Cable Trench (B)	Working shot - Cutting tarmac for lighting cable trench (B)		SE	-	14/08/15	Neil McGuinness
G2358_0864	Lighting Cable Trench (B)	Working shot - Excavation of 1.2m deep lamppost footing at the NE end of lighting cable trench (B)		N	-	14/08/15	Neil McGuinness

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0865	Lighting Cable Trench (B)	Post-excavation shot of 1.2m deep lamppost footing at the NE end of lighting cable trench (B)		NW	1x1m	14/08/15	Neil McGuinness
G2358_0866	Lighting Cable Trench (B)	NW facing section of lamppost footing excavation at the NE end of lighting cable trench (B)		NW	1x1m	14/08/15	Neil McGuinness
G2358_0867	Lighting Cable Trench (B)	NW facing section of lamppost footing excavation at the NE end of lighting cable trench (B)		NW	1x1m	14/08/15	Neil McGuinness
G2358_0868	Lighting Cable Trench (B)	Post-excavation shot of lighting cable trench (B)		ENE	1x1m	14/08/15	Neil McGuinness
G2358_0869	Lighting Cable Trench (A)	Post-excavation shot of lighting cable trench (A)		ESE	1x1m	14/08/15	Neil McGuinness
G2358_0870	Lighting Cable Trench (A)	Cobbles (052) in the NW end of lighting cable trench (A)	(052)	NN W	1x1m	14/08/15	Neil McGuinness
G2358_0871	Lighting Cable Trench (A)	NW end of cobble layer (052) in the NW end of lighting cable trench (A)	(052)	NN W	1x1m	14/08/15	Neil McGuinness
G2358_0872	Lighting Cable Trench (A)	Cobble layer (052) in the NW end of lighting cable trench (A)	(052)	SW	1x1m	14/08/15	Neil McGuinness
G2358_0873	Lighting Cable Trench (A)	Apparent SE end of cobble layer (052) in the SE end of lighting cable trench (A)	(052)	WN W	1x1m	14/08/15	Neil McGuinness
G2358_0874	Lighting Cable Trench (A)	Post-excavation shot of lighting cable trench (A)		NW	1x1m	14/08/15	Neil McGuinness
G2358_0875	Lighting Cable Trench (A)	Cobble layer (052) in the NW end of lighting cable trench (A)	(052)	N	1x1m	14/08/15	Neil McGuinness
G2358_0876	Lighting Cable Trench (A)	Cobble layer (052) in the NW end of lighting cable trench (A)	(052)	SSE	1x1m	14/08/15	Neil McGuinness
G2358_0877	Lighting Cable Trench (C)	Working shot - Cutting through tarmac for lighting cable trench (C)		SW	1x1m	14/08/15	Neil McGuinness

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0878	Lighting Cable Trench (C)	Mid-ex shot of lighting cable trench (C) showing compacted deposit (035)	(035)	SW	1x1m	14/08/15	Neil McGuinness
G2358_0879	Lighting Cable Trench (C)	Mid-ex shot of lighting cable trench (C) showing cobbles (044) to the SW of compacted deposit (035)	(035), (044)	SW	1x1m	14/08/15	Neil McGuinness
G2358_0880	Lighting Cable Trench (C)	Mid-ex shot of lighting cable trench (C) showing broken kerb (048) and (050)	(048), (050)	N	1x1m	14/08/15	Neil McGuinness
G2358_0881	Lighting Cable Trench (C)	Mid-ex shot of lighting cable trench (C) showing cobbles (044) to the SW of compacted deposit (035)	(035), (044)	SW	1x1m	19/08/15	Neil McGuinness
G2358_0882	Oval Area	Concrete curb (010) & [011] truncating cobble surface (008) & (013)	(010), [011], (008) & (013)	NE	1x1m	19/08/15	Jess Davidson
G2358_0883	Oval Area	Concrete curb (010) & [011] truncating cobble surface (008) & (013)	(010), [011], (008) & (013)	SE	1x1m	19/08/15	Jess Davidson
G2358_0884	Lighting Cable Trench (E)	Mid-ex shot of SE end of lighting cable trench (E)		SE	1x1m	19/08/15	Jess Davidson
G2358_0885	Lighting Cable Trench (E)	Mid-ex shot of lighting cable trench (E) showing yellow clay/cobble deposit (014)	(014)	SE	1x1m	19/08/15	Jess Davidson
G2358_0886	Lighting Cable Trench (E)	Mid-ex shot of lighting cable trench (E) showing cobble deposit (015)	(015)	SE	1x1m	19/08/15	Jess Davidson
G2358_0887	Lighting Cable Trench (E)	Mid-ex shot of lighting cable trench (E) showing cobble deposit (015)	(015)	SE	1x1m	19/08/15	Jess Davidson
G2358_0888	Lighting Cable Trench (E)	General view of lighting cable trench (E)		SE	1x1m	19/08/15	Jess Davidson
G2358_0889	Oval	NE-SW running linear [016] cutting through cobble surface (005)	[016], (017)	NE	1x1m	19/08/15	Ken Owen

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
			(005)				
G2358_0890	Oval	Cobbles (005) at the eastern edge of the oval area truncated by kerb [011]	(010), [011], (005)	E	1x1m	19/08/15	Ken Owen
G2358_0891	Oval	Linear [018] cutting through cobble surface (005)	(019), [018], (005)	W	1x1m	19/08/15	Ken Owen
G2358_0892	Oval	Linear [020] cutting through cobble surface (005)	(021), [020], (005)	W	1x1m	19/08/15	Ken Owen
G2358_0893	Lighting Cable Trench (E)	Lamppost footing excavation at NW end of lighting cable trench (E)		SSW	1x1m	19/08/15	Neil McGuinness
G2358_0894	Lighting Cable Trench (E)	Lamppost footing excavation at NW end of lighting cable trench (E)		WS W	1x1m	19/08/15	Neil McGuinness
G2358_0895	Lighting Cable Trench (E)	Post-ex shot of lighting cable trench (E) (before cleaning)		NW	1x1m	19/08/15	Neil McGuinness
G2358_0896	Oval	Slot cut through upper deposit in linear [016]	[016], (017)	SE	1x1m	19/08/15	Ken Owen
G2358_0897	Oval	N facing section of slot cut through upper deposit in linear [016]	[016], (017)	NE	1x1m	19/08/15	Ken Owen
G2358_0898	Oval	Slot cut through upper deposit in linear [018]	[018], (019)	SW	1x1m	19/08/15	Ken Owen
G2358_0899	Oval	WNW facing section of Slot cut through upper deposit in linear [018]	[018], (019)	WN W	1x1m	19/08/15	Ken Owen
G2358_0900	Oval	Slot cut through upper deposit in linear [020]	[020], (021)	SSE	1x1m	19/08/15	Ken Owen

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0901	Oval	ENE facing section of slot cut through upper deposit in linear [020]	[020], (021)	SSE	1x1m	19/08/15	Ken Owen
G2358_0902	Trench 1	T1 following the removal of overburden (007) showing compacted sandstone road surface (023), flanked by gulleys [023] and [025]	(023), [024], [025]	SW	1x1m	19/08/15	Jess Davidson
G2358_0903	Trench 1	T1 following the removal of overburden (007) showing compacted sandstone road surface (023), flanked by gulleys [023] and [025]	(023), [024], [025]	NE	1x1m	19/08/15	Jess Davidson
G2358_0904	Trench 1	T1 following the removal of overburden (007) showing compacted sandstone road surface (023)	(023)	SE	1x1m	19/08/15	Jess Davidson
G2358_0905	Trench 1	T1 following the removal of overburden (007) showing possible gully [025]	[025]	SE	1x1m	19/08/15	Jess Davidson
G2358_0906	Trench 1	T1 following the removal of overburden (007) showing possible gully [024]	[024]	SE	1x1m	19/08/15	Jess Davidson
G2358_0907	Trench 1	Location of T1 within trackway		SE	1x1m	19/08/15	Jess Davidson
G2358_0908	Oval	Working shot - removal of cobble surface	(05)	S	-	20/08/15	Jess Davidson
G2358_0909	Lighting Cable Trench (B)	NW facing section of lamppost footing section of Lighting Cable Trench (B) (DWG 1)		S	1x1m	20/08/15	Jess Davidson
G2358_0910	Lighting Cable Trench (B)	NW facing section of lamppost footing section of Lighting Cable Trench (B) (DWG 1)		NW	1x1m	20/08/15	Jess Davidson
G2358_0911	Lighting Cable Trench (B)	NW facing section of lamppost footing section of Lighting Cable Trench (B) (DWG 1)		NW	1x1m	20/08/15	Jess Davidson
G2358_0912	Lighting Cable Trench (A)	General view of Lighting Cable Trench (A) following cleaning, showing stone surface (40) in the base	(40)	NW	1x1m	21/08/15	Jess Davidson
G2358_0913	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 1 of 10		SW	1x1m	21/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0914	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 2 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0915	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 3 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0916	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 4 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0917	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 5 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0918	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 6 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0919	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 7 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0920	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 8 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0921	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 9 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0922	Lighting Cable Trench (A)	Running shots of SW facing section of Lighting Cable Trench (A) (NW-SE) 10 of 10		SW	1x1m	21/08/15	Jess Davidson
G2358_0923	Lighting Cable Trench (B)	General view of Lighting Cable Trench (B) following cleaning		SW	1x1m	21/08/15	Jess Davidson
G2358_0924	Lighting Cable Trench (B)	Running shots of SE facing section of Lighting Cable Trench (B) (SW-NE) 1 of 4		SE	1x1m	21/08/15	Jess Davidson
G2358_0925	Lighting Cable Trench (B)	Running shots of SE facing section of Lighting Cable Trench (B) (SW-NE) 2 of 4		SE	1x1m	21/08/15	Jess Davidson
G2358_0926	Lighting Cable Trench (B)	Running shots of SE facing section of Lighting Cable Trench (B) (SW-NE) 3 of 4		SE	1x1m	21/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0927	Lighting Cable Trench (B)	Running shots of SE facing section of Lighting Cable Trench (B) (SW-NE) 4 of 4		SE	1x1m	21/08/15	Jess Davidson
G2358_0928	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 1 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0929	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 2 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0930	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 3 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0931	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 4 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0932	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 5 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0933	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (c) (SW-NE) 6 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0934	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 7 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0935	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 8 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0936	Lighting Cable Trench (C)	Running shots of NW facing section of Lighting Cable Trench (C) (SW-NE) 9 of 9		NW	1x1m	21/08/15	Neil McGuinness
G2358_0937	Lighting Cable Trench (C)	General view of Lighting Cable Trench (C) following cleaning		NE	1x1m	21/08/15	Neil McGuinness
G2358_0938	Lighting Cable Trench (C)	General view of Lighting Cable Trench (C) following cleaning		NE	1x1m	21/08/15	Neil McGuinness
G2358_0939	Lighting Cable Trench (C)	General view of Lighting Cable Trench (C) following cleaning		N	1x1m	21/08/15	Neil McGuinness

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0940	Lighting Cable Trench (C)	General view of Lighting Cable Trench (C) following cleaning		WS W	1x1m	21/08/15	Neil McGuinness
G2358_0941	Lighting Cable Trench (C)	General view of Lighting Cable Trench (C) following cleaning		SW	1x1m	21/08/15	Neil McGuinness
G2358_0942	Lighting Cable Trench (C)	Mixed stoney backfill deposit (045) at the SW end of Lighting Cable Trench (C)	(045), (043)	SW	1x1m	21/08/15	Neil McGuinness
G2358_0943	Lighting Cable Trench (C)	Cobbled surface (043) in Lighting Cable Trench (C)	(043)	SW	1x1m	21/08/15	Neil McGuinness
G2358_0944	Lighting Cable Trench (D)	Working shot - excavation of Lighting Cable Trench (D)		S	-	21/08/15	Neil McGuinness
G2358_0945	Lighting Cable Trench (D)	Cobble deposits within the base of Lighting Cable Trench (D)	(055), (056)	S	1x1m	25/08/15	Jess Davidson
G2358_0946	Lighting Cable Trench (D)	Cobble deposits within the base of Lighting Cable Trench (D)	(055), (056)	S	1x1m	25/08/15	Jess Davidson
G2358_0947	Lighting Cable Trench (D)	Running shots of W facing section of Lighting Cable Trench (D) (S-N) 1 of 6		W	1x1m	25/08/15	Jess Davidson
G2358_0948	Lighting Cable Trench (D)	Running shots of W facing section of Lighting Cable Trench (D) (S-N) 2 of 6		W	1x1m	25/08/15	Jess Davidson
G2358_0949	Lighting Cable Trench (D)	Running shots of W facing section of Lighting Cable Trench (D) (S-N) 3 of 6		W	1x1m	25/08/15	Jess Davidson
G2358_0950	Lighting Cable Trench (D)	Running shots of W facing section of Lighting Cable Trench (D) (S-N) 4 of 6		W	1x1m	25/08/15	Jess Davidson
G2358_0951	Lighting Cable Trench (D)	Running shots of W facing section of Lighting Cable Trench (D) (S-N) 5 of 6		W	1x1m	25/08/15	Jess Davidson
G2358_0952	Lighting Cable Trench (D)	Running shots of W facing section of Lighting Cable Trench (D) (S-N) 6 of 6		W	1x1m	25/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0953	Lighting Cable Trench (D)	Running shots of cobble deposits within the base of Lighting Cable Trench (D) (N-S) 1 of 6	(055), (056)	W	1x1m	25/08/15	Jess Davidson
G2358_0954	Lighting Cable Trench (D)	Running shots of cobble deposits within the base of Lighting Cable Trench (D) (N-S) 2 of 6	(055), (056)	W	1x1m	25/08/15	Jess Davidson
G2358_0955	Lighting Cable Trench (D)	Running shots of cobble deposits within the base of Lighting Cable Trench (D) (N-S) 3 of 6	(055), (056)	W	1x1m	25/08/15	Jess Davidson
G2358_0956	Lighting Cable Trench (D)	Running shots of cobble deposits within the base of Lighting Cable Trench (D) (N-S) 4 of 6	(055), (056)	W	1x1m	25/08/15	Jess Davidson
G2358_0957	Lighting Cable Trench (D)	Running shots of cobble deposits within the base of Lighting Cable Trench (D) (N-S) 5 of 6	(055), (056)	W	1x1m	25/08/15	Jess Davidson
G2358_0958	Lighting Cable Trench (D)	Running shots of cobble deposits within the base of Lighting Cable Trench (D) (N-S) 6 of 6	(055), (056)	W	1x1m	25/08/15	Jess Davidson
G2358_0959	Lighting Cable Trench (E)	Wall [076] in the base of Lighting Cable Trench (E)	[076]	SE	1x1m	25/08/15	Jess Davidson
G2358_0960	Lighting Cable Trench (E)	Wall [076] in the base of Lighting Cable Trench (E)	[076]	SW	1x1m	25/08/15	Jess Davidson
G2358_0961	Lighting Cable Trench (E)	Wall [076] and cobbled surface in the base of Lighting Cable Trench (E)	[076] (055)	SW	1x1m	25/08/15	Jess Davidson
G2358_0962	Lighting Cable Trench (E)	Modern service trench [061] above wall [076] in the SW facing section of Lighting Cable Trench (E)	[076] [061]	SW	1x1m	25/08/15	Jess Davidson
G2358_0963	Lighting Cable Trench (E)	SE Facing section of lamppost footing at the N end of Lighting Cable Trench (E)		SE	1x1m	25/08/15	Neil McGuinness
G2358_0964	Lighting Cable Trench (E)	General shot of lamppost footing at the N end of Lighting Cable Trench (E)		S	1x1m	25/08/15	Neil McGuinness
G2358_0965	Lighting Cable Trench (E)	General shot of lamppost footing at the N end of Lighting Cable Trench (E)		SW	1x1m	25/08/15	Neil McGuinness

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0966	Lighting Cable Trench (E)	General shot of lamppost footing at the N end of Lighting Cable Trench (E)		W	1x1m	25/08/15	Neil McGuinness
G2358_0967	Lighting Cable Trench (E)	General shot of lamppost footing at the N end of Lighting Cable Trench (E)		NW	1x1m	25/08/15	Neil McGuinness
G2358_0968	Lighting Cable Trench (E)	Post-ex shot of Lighting Cable Trench (E)		SE	1x1m	25/08/15	Jess Davidson
G2358_0969	Lighting Cable Trench (E)	Post-ex shot of Lighting Cable Trench (E)		NW	1x1m	25/08/15	Jess Davidson
G2358_0970	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 1 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0971	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 2 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0972	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 3 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0973	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 4 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0974	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 5 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0975	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 6 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0976	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 7 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0977	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 8 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0978	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 9 of 11		SW	1x1m	25/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0979	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 10 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0980	Lighting Cable Trench (E)	Running shots of the SW facing section of Lighting Cable Trench (E) (SE-NW) 11 of 11		SW	1x1m	25/08/15	Jess Davidson
G2358_0981	Lighting Cable Trench (E)	Wall [077] in the base of Lighting Cable Trench (E)	[077]	SW	1x1m	25/08/15	Jess Davidson
G2358_0982	Lighting Cable Trench (E)	Wall [077] in the base of Lighting Cable Trench (E)	[077]	SW	1x1m	25/08/15	Jess Davidson
G2358_0983	Oval	Working shot - removal of the kerb (010) to reveal stone surface (086) on the eastern edge of the area	(010), (086)	NW	1x1m	26/08/15	Jess Davidson
G2358_0984	Oval	Working shot - removal of the kerb (010) to reveal stone surface (086) on the eastern edge of the area	(010), (086)	N	1x1m	26/08/15	Jess Davidson
G2358_0985	Oval	Working shot - removal of the kerb (010) to reveal stone surface (086) on the eastern edge of the area	(010), (086)	NW	1x1m	26/08/15	Jess Davidson
G2358_0986	Oval	Working shot - removal of the kerb (010) to reveal stone surface (086) on the eastern edge of the area	(010), (086)	NW	1x1m	26/08/15	Jess Davidson
G2358_0987	Trench 1	Trench 1 following the removal of surface (023) showing (078)	(078)	SW	1x1m	26/08/15	Neil McGuinness
G2358_0988	Trench 1	Trench 1 following the removal of surface (023) showing (078)	(078)	SW	1x1m	26/08/15	Neil McGuinness
G2358_0989	Trench 1	Trench 1 following the removal of surface (023) showing (078)	(078)	NE	1x1m	26/08/15	Neil McGuinness
G2358_0990	Trench 1	Trench 1 following the removal of deposit (078) showing (081)	(081)	SW	1x1m	26/08/15	Jess Davidson
G2358_0991	Trench 1	Trench 1 following the removal of deposit (078) showing (081)	(081)	NW	1x1m	26/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0992	Trench 1	Trench 1 following the removal of stony deposit (081) showing (087) within cut [091]	(087), [091],(088), (090), (089), (086)	NE	1x1m	26/08/15	Jess Davidson
G2358_0993	Trench 1	Trench 1 following the removal of stony deposit (081) showing (087) within cut [091]	(087), [091],(088), (090), (089), (086)	SW	1x1m	26/08/15	Jess Davidson
G2358_0994	Trench 1	Trench 1 following the removal of stony deposit (081), running shots (NE-SW) 1 of 4	(087), [091],(088), (090), (089), (086)	NE	1x1m	26/08/15	Jess Davidson
G2358_0995	Trench 1	Trench 1 following the removal of stony deposit (081), running shots (NE-SW) 2 of 4	(087), [091],(088), (090), (089), (086)	NE	1x1m	26/08/15	Jess Davidson
G2358_0996	Trench 1	Trench 1 following the removal of stony deposit (081), running shots (NE-SW) 3 of 4	(087), [091],(088), (090), (089), (086)	NE	1x1m	26/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_0997	Trench 1	Trench 1 following the removal of stony deposit (081), running shots (NE-SW) 4 of 4	(087), [091],(088), (090), (089), (086)	NE	1x1m	26/08/15	Jess Davidson
G2358_0998	Trench 1	Trench 1 following the initial removal of deposits from [091]	[091]	NE	1x1m	28/08/15	Jess Davidson
G2358_0999	Trench 1	Trench 1 following the initial removal of deposits from [091]	[091], (089), (092)	SW	1x1m	28/08/15	Jess Davidson
G2358_1000	Trench 1	Trench 1 following the initial removal of deposits from [091] - running shots NE-SW - 1 of 4	[091]	NE	1x1m	28/08/15	Jess Davidson
G2358_1001	Trench 1	Running trench shots (NE to SW) 2 of 4	[091], (089), (092)	SW	1x1m	28/08/15	Jess Davidson
G2358_1002	Trench 1	Trench 1 following the initial removal of deposits from [091] - running shots NE-SW - 3 of 4	[091]	NE	1x1m	28/08/15	Jess Davidson
G2358_1003	Trench 1	Running trench shots (NE to SW) 4 of 4	[091], (089), (092)	SW	1x1m	28/08/15	Jess Davidson
G2358_1004	Trench 1	Trench 1 following its extension to the NE to reveal stone surface (086)	[091]	NE	1x1m	28/08/15	Jess Davidson
G2358_1005	Trench 1	Trench 1 following its extension to the NE to reveal stone surface (086)	(086)	NE	1x1m	28/08/15	Jess Davidson
G2358_1006	Trench 1	Working shot - removal of stone surface (086) at the NE end of T1	(086)	NE	-	28/08/15	Jess Davidson
G2358_1007	Trench 1	Trench 1 following the removal of stone surface (086) showing (089)	(089)	SW	1x1m	28/08/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1008	Trench 1	Deposit (089) following the removal of slabs (086)	(089)	SW	1x1m	28/08/15	Jess Davidson
G2358_1009	Trench 1	Twigs observed in the base of cut [091]	(096), [091]	NW	-	01/09/15	Neil McGuinness
G2358_1010	Trench 1	Post ex shot of paleochannel [091]	[091]	SW	1x1m	01/09/15	Neil McGuinness
G2358_1011	Trench 1	Post ex shot of paleochannel [091]	[091]	NE	1x1m	01/09/15	Neil McGuinness
G2358_1012	Trench 1	Post excavation shot of [091]within T1	[091]	NW	1x1m	01/09/15	Neil McGuinness
G2358_1013	Trench 1	Running shots of SE facing section of T1 (SW-NE) 1 of 6		SE	1x1m	01/09/15	Neil McGuinness
G2358_1014	Trench 1	Running shots of SE facing section of T1 (SW-NE) 2 of 6		SE	1x1m	01/09/15	Neil McGuinness
G2358_1015	Trench 1	Running shots of SE facing section of T1 (SW-NE) 3 of 6		SE	1x1m	01/09/15	Neil McGuinness
G2358_1016	Trench 1	Running shots of SE facing section of T1 (SW-NE) 4 of 6		SE	1x1m	01/09/15	Neil McGuinness
G2358_1017	Trench 1	Running shots of SE facing section of T1 (SW-NE) 5 of 6		SE	1x1m	01/09/15	Neil McGuinness
G2358_1018	Trench 1	Running shots of SE facing section of T1 (SW-NE) 6 of 6		SE	1x1m	01/09/15	Neil McGuinness
G2358_1019	Trench 1	Post excavation shot of T1	[091]	E	1x1m	01/09/15	Neil McGuinness
G2358_1020	Trench 1	Location shot of T1		SE	1x1m	01/09/15	Neil McGuinness

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1021	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	02/09/15	Jess Davidson
G2358_1022	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	03/09/15	Jess Davidson
G2358_1023	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1024	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1025	Oval	Post excavation shot of stone surface	(086), (088)	S	2x2m	03/09/15	Jess Davidson
G2358_1026	Oval	Post excavation shot of stone surface	(086), (088)	S	2x2m	03/09/15	Jess Davidson
G2358_1027	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1028	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1029	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1030	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1031	Oval	Wall [109] following provisional cleaning	[109]	SE	1x2m, 1x1m	03/09/15	Jess Davidson
G2358_1032	Oval	Wall [109] following provisional cleaning	[109]	SE	1x2m, 1x1m	03/09/15	Jess Davidson
G2358_1033	Oval	Wall [109] following provisional cleaning	[109]	SE	1x2m, 1x1m	03/09/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1034	Oval	Post excavation shot of stone surface	(086), (088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1035	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	03/09/15	Jess Davidson
G2358_1036	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	03/09/15	Jess Davidson
G2358_1037	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	03/09/15	Jess Davidson
G2358_1038	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	03/09/15	Jess Davidson
G2358_1039	Oval	Post excavation shot of stone surface	(086), (088)	NW	2x2m	03/09/15	Jess Davidson
G2358_1040	Oval	Concrete footing	(103)	NW	1x1m	03/09/15	Jess Davidson
G2358_1041	Oval	Concrete footing	(099)	NW	1x1m	03/09/15	Jess Davidson
G2358_1042	Oval	Service trench [016] cutting through stone surface (088)	[016], (088)	SW	1x2m	03/09/15	Jess Davidson
G2358_1043	Oval	Close up of stone surface	(088)	SE	2x2m	03/09/15	Jess Davidson
G2358_1044	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NW	2x2m	03/09/15	Neil McGuinness
G2358_1045	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	SE	2x2m	03/09/15	Neil McGuinness
G2358_1046	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NW	2x2m	03/09/15	Neil McGuinness

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1047	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NW	2x2m	03/09/15	Neil McGuinness
G2358_1048	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NE	2x2m	03/09/15	Neil McGuinness
G2358_1049	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NW	2x2m	03/09/15	Neil McGuinness
G2358_1050	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NW	2x2m	03/09/15	Neil McGuinness
G2358_1051	Oval	Stone surface and trackway (shots taken from camera pole)	(086), (088)	NW	2x2m	03/09/15	Neil McGuinness
G2358_1052	Oval	Wall [109] following provisional cleaning	[109]	NW	1x2m, 1x1m	03/09/15	Jess Davidson
G2358_1053	Oval	Wall [109] following provisional cleaning	[109]	NW	1x2m, 1x1m	03/09/15	Jess Davidson
G2358_1054	Oval	Wall [109] following provisional cleaning	[109]	W	1x2m, 1x1m	03/09/15	Jess Davidson
G2358_1055	Oval	Wall [109] following provisional cleaning	[109]	W	1x2m, 1x1m	03/09/15	Jess Davidson
G2358_1056	Drainage Trench	Preliminary shot of excavation work on drainage trench		NW	-	03/09/15	Rob Evans
G2358_1057	Drainage Trench	Trench (Part A) excavated to 0.25m cobble surface layer		SSW	1x1m	03/09/15	Rob Evans
G2358_1058	Drainage Trench	Trench (Part A) excavated to 0.25m cobble surface layer		NN W	1x1m	03/09/15	Rob Evans
G2358_1059	Drainage Trench	Section through modern deposits above cobble surface layer		W	1x1m	03/09/15	Rob Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1060	Drainage Trench	Oblique view of east facing section of drainage trench		NE	-	03/09/15	Rob Evans
G2358_1061	Drainage Trench	Oblique view of west facing section of drainage trench		SW	-	04/09/15	Rob Evans
G2358_1062	Drainage Trench	View of drainage trench from the northern end		NNE	1x1m	04/09/15	Rob Evans
G2358_1063	Drainage Trench	View of drainage trench from the southern end		SSW	1x1m	04/09/15	Rob Evans
G2358_1064	Oval	View of damaged slates and building location of east of main excavation area caused by machinery crossing surface		N	-	04/09/15	Rob Evans
G2358_1065	Drainage Trench	View of rubble deposit adjacent to walling seen in electric cable trench		NN W	-	07/09/15	Rob Evans
G2358_1066	Drainage Trench	View of wall foundations (mortared) in drainage trench	151	E	1x1m	07/09/15	Rob Evans
G2358_1067	Drainage Trench	View of wall foundations (mortared) in drainage trench	151	W	1x1m	07/09/15	Rob Evans
G2358_1068	Drainage Trench	View of worked wall stones	151	E	-	07/09/15	Rob Evans
G2358_1069	Drainage Trench	View of worked wall stones	151	E	1x1m	07/09/15	Rob Evans
G2358_1070	Drainage Trench	General shot of drainage trench excavation		S	1x1m	07/09/15	Rob Evans
G2358_1071	Drainage Trench	General shot of drainage trench excavation		N	1x1m	07/09/15	Rob Evans
G2358_1072	Drainage Trench	General shot of drainage trench excavation		N	1x1m	07/09/15	Rob Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1073	Drainage Trench	General shot of drainage trench excavation		SSE	1x1m	07/09/15	Rob Evans
G2358_1074	Drainage Trench	General shot of drainage trench excavation		S	1x1m	07/09/15	Rob Evans
G2358_1075	Trench 2	Working shot - tarmac cutting	(028)	SE	-	15/09/15	Jess Davidson
G2358_1076	Trench 2	Trench 2 extended and cleaned down to the cobble surface	(112), [113], (114)	SE	1x1m	15/09/15	Jess Davidson
G2358_1077	Trench 2	Trench 2 extended and cleaned down to the cobble surface	(112), [113], (114)	SE	1x1m	15/09/15	Jess Davidson
G2358_1078	Trench 2	SW facing section (mid-ex) showing the edge of the cobble surface	(112), [113], (114)	SW	1x1m	15/09/15	Jess Davidson
G2358_1079	Trench 2	SW facing section (mid-ex) showing the edge of the cobble surface	(112), [113], (114)	SW	1x1m	15/09/15	Jess Davidson
G2358_1080	Trench 2	Mid-ex shot of T2 showing the cobble surface	(112), [113], (114)	SE	1x1m	16/09/15	Jess Davidson
G2358_1081	Trench 2	Mid-ex shot of T2 showing slate surface (116)	(116)	SE	1x1m	16/09/15	Jess Davidson
G2358_1082	Trench 2	Mid-ex shot of T2 showing slate surface (116)	(116)	SW	1x1m	16/09/15	Jess Davidson
G2358_1083	Trench 2	Mid-ex shot of T2 showing slate surface (116)	(116)	NW	1x1m	16/09/15	Jess Davidson
G2358_1084	Trench 2	Working shot - the removal of (116)	(116)	NW	-	16/09/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1085	Trench 2	Working shot - the removal of (116)	(116)	NW	-	16/09/15	Jess Davidson
G2358_1086	Trench 2	T2 following the removal of (116)	(117)	SE	1x1m	16/09/15	Jess Davidson
G2358_1087	Trench 2	T2 following its extension to the SE showing (116)	(116)	SE	1x1m	16/09/15	Jess Davidson
G2358_1088	Trench 2	T2 following its extension to the SE showing (116)	(116)	W	1x1m	16/09/15	Jess Davidson
G2358_1089	Trench 2	T2 following its extension to the SE showing (116)	(116)	SW	1x1m	16/09/15	Jess Davidson
G2358_1090	Trench 2	T2 following the removal of surface (116) at the SE end	(117)	W	1x1m	16/09/15	Jess Davidson
G2358_1091	Trench 2	T2 following the removal of surface (116) at the SE end	(117)	W	1x1m	16/09/15	Jess Davidson
G2358_1092	Trench 2	T2 following the removal of deposit (117) & the straightening of the W facing section	(118)	SE	1x1m	17/09/15	Jess Davidson
G2358_1093	Trench 2	T2 following the removal of deposit (117) & the straightening of the W facing section	(118)	S	1x1m	17/09/15	Jess Davidson
G2358_1094	Trench 2	T2 following the removal of deposit (117) & the straightening of the W facing section	(130), (118), (132), (125), (136), (124), (133)	W	1x1m	17/09/15	Jess Davidson
G2358_1095	Trench 2	W facing section through T2, running shots N>S, 1 of 4		W	1x1m	17/09/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1096	Trench 2	W facing section through T2, running shots N>S, 2 of 4		W	1x1m	17/09/15	Jess Davidson
G2358_1097	Trench 2	W facing section through T2, running shots N>S, 3 of 4		W	1x1m	17/09/15	Jess Davidson
G2358_1098	Trench 2	W facing section through T2, running shots N>S, 4 of 4		W	1x1m	17/09/15	Jess Davidson
G2358_1099	Trench 2	W facing section through small pit [122]	[122], (123)	W	1x0.3	17/09/15	Jess Davidson
G2358_1100	Trench 2	Post-ex shot of feature [128]	[128]	W	1x0.3	17/09/15	Jess Davidson
G2358_1101	Trench 2	Post-ex shot of feature [122]	[122]	W	1x0.3	17/09/15	Jess Davidson
G2358_1102	Trench 2	Pre-ex shot of stoney deposit following the removal of (118)	(131)	NE	1x1m	18/09/15	Jess Davidson
G2358_1103	Trench 2	General post ex shot of T2 following the removal of (118)	(131), [128], (125), (136), (124), (133)	NW	1x1m	18/09/15	Jess Davidson
G2358_1104	Trench 2	General post ex shot of T2 following the removal of (118)	(131), [128], (125), (136), (124), (133)	NE	1x1m	18/09/15	Jess Davidson
G2358_1105	Trench 2	General post ex shot of T2 following the removal of (118)	(131), [128], (125),	NE	1x1m	18/09/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
			(136), (124), (133)				
G2358_1106	Trench 2	General post ex shot of T2 following the removal of (118)	(131), [128], (125), (136), (124), (133)	NE	1x1m	18/09/15	Jess Davidson
G2358_1107	Trench 2	Mid-ex shot of deposit (131) showing possible masonry	(131)	W	1x1m	18/09/15	Rob Evans
G2358_1108	Trench 2	Mid-ex shot of deposit (131) showing possible masonry	(131)	S	1x1m	18/09/15	Rob Evans
G2358_1109	Trench 2	Post-ex shot of cut [134]	[134]	N	1x1m	18/09/15	Rob Evans
G2358_1110	Trench 2	Post-ex shot of cut [134]	[134]	W	1x1m	18/09/15	Rob Evans
G2358_1111	Trench 2	T2 following the removal of deposit (125) showing deposits (124) & (132)	(124) & (132)	NW	1x1m	21/09/15	Jess Davidson
G2358_1112	Trench 2	T2 following the removal of deposit (125) showing deposits (124) & (132)	(124) & (132)	NE	1x1m	21/09/15	Jess Davidson
G2358_1113	Trench 2	T2 following the removal of deposit (125) showing deposits (124) & (132)	(124) & (132)	SE	1x1m	21/09/15	Jess Davidson
G2358_1114	Trench 2	Mid-ex shot of cut [135] following the removal of upper fill (132)	[135]	NW	1x1m	21/09/15	Jess Davidson
G2358_1115	Trench 2	Post-ex shot of cut [135]	[135]	NW	1x1m	21/09/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1116	Trench 2	T2 following the removal of deposit (124)	(138), (139), (137), [109]c+`	SE	2x1m	22/09/15	Jess Davidson
G2358_1117	Trench 2	T2 following the removal of deposit (124)	(138), (139), (137), [109]	SE	2x1m	22/09/15	Jess Davidson
G2358_1118	Trench 2	T2 following the removal of deposit (124)	(138), (139), (137), [109]	S	2x1m	22/09/15	Jess Davidson
G2358_1119	Trench 2	T2 following the removal of deposit (124)	(138), (139), (137), [109]	NW	2x1m	22/09/15	Jess Davidson
G2358_1120	Trench 2	T2 following the removal of deposit (124)	(138), (139), (137), [109]	N	2x1m	22/09/15	Jess Davidson
G2358_1121	Trench 2	Running shots of wall [109] (SE>NW) 1 of 4	[109]	SW	1x1m	22/09/15	Rob Evans
G2358_1122	Trench 2	Running shots of wall [109] (SE>NW) 2 of 4	[109]	SW	1x1m	22/09/15	Rob Evans
G2358_1123	Trench 2	Running shots of wall [109] (SE>NW) 3 of 4	[109]	SW	1x1m	22/09/15	Rob Evans
G2358_1124	Trench 2	Running shots of wall [109] (SE>NW) 4 of 4	[109]	SW	1x1m	22/09/15	Rob Evans

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1125	Trench 2	Running shots of wall [109] (SW>NE) 1 of 2	[109]	NW	1x1m	22/09/15	Rob Evans
G2358_1126	Trench 2	Running shots of wall [109] (SW>NE) 2 of 2	[109]	NW	1x1m	22/09/15	Rob Evans
G2358_1127	Trench 2	SW facing section of T2, running shots (NW>SE) 1 of 5		SW	1x1m	22/09/15	Jess Davidson
G2358_1128	Trench 2	SW facing section of T2, running shots (NW>SE) 2 of 5		SW	1x1m	22/09/15	Jess Davidson
G2358_1129	Trench 2	SW facing section of T2, running shots (NW>SE) 3 of 5		SW	1x1m	22/09/15	Jess Davidson
G2358_1130	Trench 2	SW facing section of T2, running shots (NW>SE) 4 of 5		SW	1x1m	22/09/15	Jess Davidson
G2358_1131	Trench 2	SW facing section of T2, running shots (NW>SE) 5 of 5		SW	1x1m	22/09/15	Jess Davidson
G2358_1132	Trench 2	NW facing section of T2, running shots (NE>SW) 1 of 2		SW	1x1m	22/09/15	Jess Davidson
G2358_1133	Trench 2	NW facing section of T2, running shots (NE>SW) 2 of 2		SW	1x1m	22/09/15	Jess Davidson
G2358_1134	Trench 2	General post ex shot of T2	[109]	W	1x1m	23/09/15	Jess Davidson
G2358_1135	Trench 2	General post ex shot of T2	[109]	SW	1x1m	23/09/15	Jess Davidson
G2358_1136	Trench 2	General post ex shot of T2	[109]	S	1x1m	23/09/15	Jess Davidson
G2358_1137	Trench 2	Watching brief during the backfilling of T2		W	1x1m	23/09/15	Jess Davidson

File reference	Site sub-division	Description	Contexts	View from	Scale (s)	Date	Originating person
G2358_1138	Trench 2	Watching brief during the backfilling of T2		N	1x1m	23/09/15	Jess Davidson



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