

Historic Building Recording

Site \& Landscape Survey

Geophysical Survey

Block AA, Winchburgh Masterplan, Beatlie Road, Winchburgh, West Lothian

## Archaeological Excavation

Report No. 3098

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## 1. INTRODUCTION

### 1.1 General

This report presents the results of an archaeological excavation undertaken by CFA Archaeology Ltd (CFA) between July and October 2013 within the Winchburgh Masterplan Area Block AA, near Winchburgh, West Lothian (NT 09108 75475, centred) (Fig. 1). The work was commissioned by Sigma Capital Group Ltd on behalf of Regenco Trading Ltd (Regenco).

An addendum (Project Design) to the Written Scheme of Investigation (WSI), dated 14 May 2013, was produced by CFA on behalf of Regenco. The Addendum was designed to fulfil the requirements of West of Scotland Archaeological Service (WoSAS) on behalf of West Lothian Council, and set out a programme of archaeological excavation, following on from the archaeological evaluation of the site in April 2013 (Glendinning 2013).

### 1.2 Background

Regenco was granted planning permission (Planning ref: 1012/P/05) subject to planning conditions. The first phase of a multiphase response to the archaeological planning conditions required an archaeological evaluation of Block AA prior to servicing with infrastructure.

A possible double ditched enclosure (NMRS No. NT07NE 127) was identified from aerial photography (Fig. 11), the details of which were provided by WoSAS. An evaluation was undertaken on the site of the proposed development: 63 trenches (8\%) were excavated within the proposed development area, amounting to $5309 \mathrm{~m}^{2}$ (Glendinning 2013). A total of 11 trial trenches were targeted to evaluate the possible enclosure ditches. The evaluation confirmed the presence of a double ditched enclosure.

The enclosure is located on arable land 500 m to the north-east of Winchburgh, West Lothian. The site is bounded on the east by the B8020. The enclosure occupies an area 72 m AOD on a small rise, marginally higher than the surrounding land, which sloped away to the north, south and west.

### 1.3 Objectives

The aims were:

- To excavate the remains of the enclosure and any associated features;
- To produce a report on the excavation and if necessary conduct a programme of post-excavation analysis and publication of the results.


## 2. WORKING METHODS

### 2.1 General

All work was conducted in accordance with the Institute for Archaeologists' Code of Conduct and relevant Standards and Guidance, and with Historic Scotland's standard requirements.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms. The positions of all archaeological features were surveyed using industry standard electronic surveying equipment

### 2.2 Excavation Strategy

The trench required for the excavation measured 0.77 ha , which was stripped of topsoil using a $360^{\circ}$ tracked excavator equipped with a smooth-bladed ditching bucket to reveal either the subsoil or surface or the surface of the first archaeological horizon. All stripping operations were carried out under constant archaeological supervision.

A strategy of $100 \%$ excavation of all features was adopted, excluding modern intrusions such as field drains and except where specific approval by WoSAS was received to do otherwise. However, after approval by WoSAS, it was decided that $95 \%$ excavation was sufficient given that it was only the baulks that remained. All negative features (post-holes, ditches) were excavated by the conventional method of sectioning and sequential removal of the fill(s). Superimposed features were investigated in stratigraphic sequence. All such excavations were conducted by hand unless otherwise agreed with WoSAS.

Both the ditches were investigated through transverse sections. Over $95 \%$ of the total length of the ditches were excavated A total of 25 sections were placed within the inner ditch and 24 sections in the outer ditch. Each of the sections was given numerical or alphabetical identifiers. These are indicated on Fig. 2. A summary of the excavated sections can be found in Appendix 6.

### 2.3 Sampling Strategy

A programme of collection of soil samples and other appropriate material was undertaken for scientific dating and the recovery of palaeoenvironmental evidence. Samples were taken from deposits most likely to provide uncontaminated palaeoenvironmental information. Soil samples were retrieved in sealed buckets with sample recovery of 12 litres (or, if the volume of the deposit was less than 12 litres, the whole deposit).

Extensive deposits, such as sealed primary ditch fills in the enclosure ditches were sampled at a greater volume than 12 litres. Multiple standard bulk samples were obtained from the basal fills of the ditches.

## 3. ARCHAEOLOGICAL RESULTS

### 3.1 General

The excavation uncovered the remains of a sub-circular, double-ditched enclosure with an overall measurement of 64 m NW-SE by 67 m NW-SE (Figs. 2-4 \& 15). The internal area of the enclosure measured 43.5 m NE-SW by 39 m NW-SE. A definite entrance was present on the eastern side of the enclosure. This was slightly off-set between the inner and outer ditches. A possible entrance was also present of the western side of the inner ditch and a corresponding gap in the outer ditch circuit could indicate the presence of a corresponding entrance there.

Over $95 \%$ of the total length of the ditches were excavated. A total of 25 sections were placed across the inner ditch and 24 sections across the outer ditch. Each of these sections were given numerical or alphabetical identifiers. These are indicated on Fig. 2. A summary of the excavated sections can be found in Appendix 6.

The topsoil was generally $0.3 \mathrm{~m}-0.35 \mathrm{~m}$ deep, with clayey-silt subsoil present in most parts of the site. The natural substrate consisted of sandy clay and clayey sands, often with large stones and shale present.

Numbers in bold in the following text refer to contexts, a full list of which is contained in Appendix 1.

### 3.2 Excavation Results

## Outer Ditch

Of the two ditches, the outer ditch exhibited the greatest variability around its circuit (Figs. 2-4 \& 15). On the east side of the enclosure there was an entrance and on the north side of the entrance a long section of ditch (021) was present along with two conjoined shorter and shallower sections of ditch ( $291 \& 292$ ). On the south side of the entrance a long section of continuous ditch was also present (001). The rest of the external ditch if it can be called that consisted of a number of discontinuous pits or scoops around parts of its circuit (010, 293, 294, 295, 036, 025, 091, 071, 075, 076, $\mathbf{0 5 0}, \mathbf{0 8 2}, 078$ and 077) (see Fig. 13 for an example of this). There were large gaps in the ditch along the northern and western portion of its circuit.

The measurement across the outer ditch was 64 m NW-SE by 67 m NE-SW to the outer ditch edge. An entrance 5.6 m wide was located on the eastern side. The ditch on both sides of this entrance was continuous and at the terminal ends it was a substantial structure. The northern terminus measured 4.3 m wide by 1.05 m deep with moderately sloping sides and flat base (Fig. 9). The southern terminus measured 4.25 m wide by 1.4 m deep, with similar sides and flat base (Fig. 8). The ditch quickly reduced in depth and width away from the entrance on both sides. The effect provided an impressive entrance when viewed against the rest of the circuit of the ditch.

A possible entrance to the west may be hypothesised as gap in the circuit of the ditch corresponds to a possible entrance through the inner ditch but it is not definite.

The depth and width of the outer ditch ranged between $0.2 \mathrm{~m}-1.4 \mathrm{~m}$ and $1.0 \mathrm{~m}-4.65 \mathrm{~m}$, respectively. The fills of the outer ditch were by and large similar in appearance, texture and compaction. The upper fills generally consisted of sandy clays and silty clays varying in colour from mid-brown/orange to orange/grey which were loose or moderately compacted. The basal fills all consisted of firmly compacted grey clays or orange/grey silty clays. The outer ditch generally contained four to five separate fills in the larger, deeper eastern side (Fig. 5), whereas the shallower western ditch segments contained two to three separate fills on average.

A quantity of stone was removed from the ditch fills and the northern terminus contained a far greater volume of stone in its lower fills $(\mathbf{0 2 3}, \mathbf{0 2 4})$ than throughout the lower fills of the southern terminus (29-32). However, the volume of stone sharply decreased from south to north along the north-eastern part of the outer ditch (021, 291, 292). Similarly, very little stone was present in the fills of the south-eastern quarter of the outer ditch $(\mathbf{0 0 1}, \mathbf{0 1 0}, \mathbf{0 2 5}, \mathbf{0 3 6}, \mathbf{0 9 1}, \mathbf{2 9 3}, \mathbf{2 9 4}, \mathbf{2 9 5})$. The effect was that more stone was present at the entrance than elsewhere possibly suggesting a stone structural element to the entrance.

## Inner Ditch

The inner ditch was more regular in shape and form than the outer ditch, and more continuous. Similar to the outer ditch, the inner ditch had also been excavated as a series of conjoined lengths ( $\mathbf{0 6 0}, \mathbf{1 0 0}, \mathbf{1 0 5}, \mathbf{1 1 0}, \mathbf{1 1 1}, \mathbf{1 1 5}, 174$ and 235).

The measurement across the inner ditch was 48 m NE-SW by 46 m NW-SE to the outer ditch edge. A clear entrance was present on the east side of the enclosure, this measured 4.4 m wide. It was slightly off-set from the corresponding entrance through the outer ditch. Like the outer ditch, the ditch around the entrance was deeper and wider than elsewhere around its circuit making the entrance appear more impressive. The northern terminus measured 3.2 wide by 1.3 m deep with a $v$-shaped profile (Fig. 6 ). The southern terminus measured 3.72 m wide by 1.2 m deep with a more $u$-shaped profile (Fig. 7).

Another possible entrance was present on the west side of the enclosure which measured 3 m across. The northern terminus of the possible entrance measured 2.8 m wide 0.9 m deep with a v-shaped profile. The southern terminus of the possible entrance measured 2.9 m wide by 1 m deep with moderately sloping sides and a concave base.

The depth and width of the outer ditch ranged between $0.7 \mathrm{~m}-1.3 \mathrm{~m}$ and $2.5 \mathrm{~m}-3.2 \mathrm{~m}$, respectively. The fills of the inner ditch varied along its circuit and the volume of stone decreased from east to west. The primary fills generally consisted of clays or sandy clays which varied in colour from grey to mottled grey/orange. Overlying the clay basal fill was a matrix of sandy or silty clays with varying volumes of large, angular stones that had been tipped in from the centre of the enclosure (see Fig 12 for example). The greater volume of stone was to be found within the termini of the eastern entrance, decreasing in volume from east to west around the circuit (Fig. 14). This suggests that an internal stone wall or rampart ran around the inner lip of this ditch. The variation in volume of stone suggests that this was more larger or
impressive around the entrance and the eastern side of the enclosure than elsewhere around its circuit.

## Internal features

Two shallow pits or possible post holes $(\mathbf{1 6 4} \& 166)$ were located within the enclosure and another one (173) was identified in the 115 C section of inner ditch, which was located on the east facing inner edge of the ditch. Only (166) contained packing stones within the fill (Fig. 10). No other internal features were identified within the enclosure.

### 3.3 Finds (by Christina Hills)

## Stone

A variety of stone finds were retrieved from the site, including a possible hammerstone from 147 and a possible pecking stone from 152 as well as some quartz from 151 and 152. The majority of the stone finds from this site were of shale, the material retrieved had been worked into rough discs with drilled perforations in the centre. Two were recovered from the surface, three from context 152 and one each from 023, 163, 239 and the pipe trench in cut $\mathbf{2 5}$. The initial interpretation of these items is that they are derived from the manufacture of shale bracelets and are therefore later prehistoric in date.

## Animal Bone

The majority of material recovered on site was animal bone. Unfortunately due to the clay soil conditions on site the preservation of this material was poor. Most of the animal bone came from the inner ditch $\mathbf{1 1 5}$ with the rest of the material coming from context 128, 140, 264, 270 and the surface.

## Charcoal

Some charcoal was hand-retrieved across the site, from contexts 167, 224, 249 and 270.

## Pottery

Twenty sherds of pottery were recovered from across the site, the majority of which was unstratified and of post-medieval to modern date. On sherd found in cut 174h was post-medieval.

Miscellaneous
Several post-medieval/ modern finds were found on the surface. This includes blue and white modern glass and a fragment of post-medieval clay pipe stem. Iron was recovered from the surface within the inner ditch; this was a modern bar.

## Summary

The stone and animal bone will be studied further in the post-excavation process and the hand-retrieved charcoal will be added to any charcoal recovered from sample processing. The post-medieval and modern finds; pottery, glass, clay pipe and iron, do not require further work.

## 4. DISCUSSION

There were no coherent internal structures identified within the enclosure and the function of the site is unclear. However, it appears to fall into the category of later prehistoric defended enclosures, similar to that excavated at Braehead (Ellis et al 2007).

There was a lack of artefacts such as pottery to assist with initial thoughts about dating and function but the recovery of a number of shale artefacts that have been initially interpreted as deriving from the manufacture of shale bracelets tends to support the proposed later prehistoric date for this enclosure.

The main entrance to the enclosure was present on the eastern side and the western entrance is only a possibility. Indeed the whole focus of the enclosure appears to be concentrated around the eastern side which would tend to indicate that this was at least the main, if not only entrance and that the proposed western entrance could simply be an artefact of the construction technique of joining together short lengths of ditch or pits to create a larger feature. Simply put the gap could have been left wider between the conjoining sections at this point. Although it does appear almost opposite the eastern entrance so it should not be completely ruled out.

The outer ditch is substantially smaller and quite discontinuous around the northern and western side and the inner ditch was also slighter in this area. Rig-and-furrow was observed overlying the site during topsoil stripping which would suggest the ditches had not been significantly truncated by modern ploughing or pre-recent agriculture. So the form the enclosure takes with it being much more impressive, with deeper and wider ditches to the east, and slighter to the west is more likely to be representative of what was built rather than purely an artefact of survival. That is not to say that no truncation has taken place but simply not a sufficient amount to result in the very obvious differences between the east and west sides of the enclosure.

The large volume of imported stone contained within the fills of the inner ditch is interpreted as the remains of a stone wall or rampart located along the inner edge of the inner ditch which had been levelled into the ditch. The greatest volume of stone was observed around the eastern side of the site and especially around the entrance. This supports the theory that the majority of the effort in construction was focused on the eastern side and that it was built to a larger scale than the western side.

The large amount of imported stone in the termini of both the inner and outer ditches at the eastern entrance suggests that an impressive stone structural element to the entrance was present at this location.

There was no evidence of re-cutting within the outer or inner ditches and the limited silting up of the inner ditch prior to the incorporation of the stone wall or rampart into the ditch fill indicates the site may have been relatively short-lived. This may also in part explain the lack of internal features and artefacts.

## 5. CONCLUSION

An archaeological excavation was undertaken at land to the north-east of Winchburgh, West Lothian. The excavation revealed the remains of a sub-circular, double-ditched enclosure of later prehistoric date. The evidence from the fills of the inner ditch indicates there was a large stone wall or rampart inside the inner ditch. The only evidence of internal features was two pits or post holes located in the southern half of the enclosure. There was no evidence of re-cutting of the ditches and the lack of extensive silting prior to the incorporation of the stone wall or rampart into the fill of the ditch suggests a relatively short duration for the life of the site.

A programme of post-excavation analysis and publication will be required in relation to this programme of works. A Post-Excavation Research Design will need to be agreed with West Lothian Council as advised By WoSAS. A copy of the PostExcavation Research Design will be provided under separate cover.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the National Monuments Record of Scotland (NMRS) and copies of reports will be lodged with the West of Scotland Sites and Monuments Record.

A summary statement of the results of this programme of works will be submitted for publication in Discovery and Excavation in Scotland.

## 6. REFERENCES

Ellis, C. et al (2007), Total excavation of a later prehistoric enclosure at Braehead, Glasgow, Proceedings of the Society of Antiquaries of Scotland, 137, 179-264.

Glendinning, B (2012) Winchburgh Masterplan Area Block AA, Archaeological Evaluation. CFA Report No. 3004.

## APPENDIX 1: CONTEXT REGISTER

| Context | Fill of | Trench | Description |
| :--- | :--- | :--- | :--- |
| 001 |  |  | Curvilinear ditch |
| 002 | 001 |  | Orange/brown base fill of [001] |
| 003 | 001 |  | Grey sandy clay fill |
| 004 | 001 |  | Grey clay fill |
| 005 | 001 |  | Grey/brown sandy clay fill |
| 006 | 001 |  | Orange/brown clay silt fill |
| 007 | 001 |  | Grey silt clay fill |
| 008 | 001 |  | Orange silt lens fill |
| 009 | 001 |  | Orange/brown sandy clay fill |
| 010 |  | Cut of ditch terminus |  |
| 011 | 010 |  | Grey silty clay fill |
| 012 | 010 |  | Orange clay fill |
| 013 | 010 |  | Orange and brown fill |
| 014 | 010 |  | Orange/red/grey clay fill |
| 015 | 010 |  | Grey fill |
| 016 | 010 |  | Orange/red/grey clay fill |
| 017 | 010 |  | Dark brown clay |
| 018 | 001 |  | Orange/brown fill |
| 019 | 001 |  | Orange fill |
| 020 | 001 |  | Grey clay fill |
| 021 |  |  | Curvilinear cut, outside enclosure, NE |
| 022 | 021 |  | Orange/brown sandy clay |
| 023 | 021 |  | Grey sandy clay with large stone inclusions |
| 024 | 021 |  | Base fill, grey plastic clay |
| 025 |  |  | Small cut, |
| 026 | 025 |  | Base fill of 025 side of outer ditch circuit |
| 027 | 025 |  | Grey sandy clay |
| 028 | 025 |  | Orange/brown sandy clay |
| 029 | 001 |  | Base fill of cit [001], section 5 |
| 030 | 001 |  | Grey clay sand |
| 031 | 001 |  | Grey/orange sandy clay (dwg 1) |
| 032 | 001 |  | Brown/orange sandy clay |
| 033 | 001 |  | Compact orange/brown sandy clay |
| 034 | 001 |  | Stony deposit |
| 035 | 001 |  | Brown/range sandy clay |
| 036 |  |  | Cut of terminus |
| 037 | 036 |  | Grey base fill |
| 038 | 036 |  | Grey/orange sandy clay |
| 039 | 036 |  | Orange/grey sandy clay |
| 040 | 001 |  | Grey clay base fill |
| 041 | 001 |  | Orange/brown silty clay |
| 042 | 001 |  | Brown/grey silty clay |
| 043 | 001 |  | Grey/brown sandy clay |
| 044 | 001 |  | Orange/grey silty clay |
| 045 | 001 |  | Grey silty clay |
| 046 | 001 |  | Brown clay silt |
| 047 | 001 |  | Brown/grey silty clay |
| 048 | 001 |  | Orange clay silt |
| 049 | 001 |  | Brown/grey silty clay |
| 050 |  | Ditch cut |  |
| 051 | 050 |  | Brown/grey clay |
| 052 | 050 |  | Grey//range silty clay |
| 053 | 050 |  | Brown/grey silty clay |
| 054 | 050 |  | Reddish brown clay silt |


| Context | Fill of | Trench | Description |
| :---: | :---: | :---: | :---: |
| 055 |  |  | Cut, terminus outer ditch west |
| 056 | 055 |  | Fill within section 10 (south terminus) - brown/grey mix silty clay |
| 057 | 055 |  | Grey clay base fill |
| 058 | 078 |  | Re-deposited natural forming base fill |
| 059 | 078 |  | Grey-orange fill |
| 060 |  |  | North ditch inner enclosure |
| 061 | 082 |  | Orange/grey silty clay |
| 062 | 082 |  | Orange/grey clay silt |
| 063 | 082 |  | Brown/grey silty clay |
| 064 | 082 |  | Grey silty clay |
| 065 | 082 |  | Reddish brown clay silt |
| 066 | 082 |  | Orange/grey clay silt |
| 067 | 082 |  | Grey silty clay |
| 068 | 082 |  | Reddish brown clay silt |
| 069 |  |  | Cut of modern clay pipe in [076] |
| 070 |  |  | Cut same as [050] |
| 071 |  |  | Cut in outer ditch |
| 072 | 071 |  | Brown clay silt |
| 073 | 071 |  | Brown/blue clay |
| 074 | 075 |  | Blue clay |
| 075 |  |  | Terminus cut |
| 076 |  |  | SE terminus |
| 077 |  |  | W terminus next to large stone |
| 078 |  |  | E terminus |
| 079 | 069 |  | Fill of pipe cut |
| 080 | 076 |  | Base fill of [076] |
| 081 | 076 |  | Upper fill of [076] |
| 082 | 076 |  | Cut of ditch on outer circuit |
| 083 | 060 |  | Base fill of [060] |
| 084 | 060 |  | Main fill of [060] |
| 085 | 060 |  | Secondary of [060] |
| 086 | 60 |  | Buried soil? |
| 087 | 060 |  | Top fill of [060] |
| 088 |  |  | Cut of pipe trench of within [075], section 13 |
| 089 | 088 |  | Fill of [088] |
| 090 |  |  | Overcut (see drawing 20 and 25 |
| 091 |  |  | Cut |
| 092 |  |  | Base fill of [091] |
| 093 |  |  | Fill of [091] |
| 094 |  |  | Fill of [091] |
| 095 |  |  | Fill of [091] |
| 096 |  |  | Cut |
| 097 |  |  | Fill of [078] |
| 098 |  |  | Fill of [078] |
| 099 |  |  | Base fill of [078] |
| 100 |  |  | Cut of west terminus, inner ditch |
| 101 | 100 |  | Grey/brown/orange fill |
| 102 | 100 |  | Grey clay fill, same as 103 |
| 103 | 100 |  | Grey clay fill of ditch |
| 104 | 100 |  | Stone in fill (101) |
| 105 |  |  | Cut of inner ditch terminus |
| 106 | 105 |  | Base fill of inner ditch terminus |
| 107 | 105 |  | Rock/stone fill of inner ditch terminus |
| 108 | 105 |  | Top fill of inner ditch terminus |
| 109 | 100 |  | Black deposit at east end of west terminus edge of [100] |
| 110 |  |  | Cut of terminus |
| 111 |  |  | Cut of inner circuit $=125$ |


| Context | Fill of | Trench | Description |
| :---: | :---: | :---: | :---: |
| 112 | 111 |  | Base fill |
| 113 | 115 |  | Stone fill of [115] |
| 114 | 115 |  | Grey clay base fill |
| 115 |  |  | Cut of inner circuit |
| 116 |  |  | Base fill of [110] |
| 117 | 110 |  | Base fill |
| 118 | 110 |  | Base fill |
| 119 | 110 |  | Base fill |
| 120 | 110 |  | Base fill |
| 121 |  |  | Subsoil deposit over (074), [075] |
| 122 | 110 |  | Base fill |
| 123 | 110 |  | Fill |
| 124 |  |  | Pipe cut fill |
| 125 | 111 |  | Ditch of inner circuit = 111 |
| 126 | 111 |  | Grey clay with stones |
| 127 | 111 |  | Orange/brown silty clay with stones |
| 128 | 021 |  | Grey silty clay with small inclusions and finds |
| 129 | 021 |  | Orange/brown silty clay |
| 130 | 021 |  | Mid-brown silty clay with mixed orange |
| 131 | 021 |  | Light brown silty clay |
| 132 | 021 |  | Mixed orange/brown silty clay |
| 133 | 021 |  | Mid-brown/orange silty clay |
| 134 | 021 |  | Mid-brown silty clay |
| 135 | 021 |  | Mid-brown silty clay |
| 136 |  |  | Cut of field drain within [021] |
| 137 | 136 |  | Fill of drain cut |
| 138 |  |  | Cut of terminus (dwg 35) |
| 139 | 138 |  | Primary base fill of cut [138] |
| 140 | 138 |  | Secondary fill, stone deposit |
| 141 | 292 |  | Grey clay silt fill of [021] |
| 142 | 292 |  | Grey/orange silty sand |
| 143 | 292 |  | Brown clay silt |
| 144 | 291 |  | Brown/orange silty clay |
| 145 | 291 |  | Brown/orange clay silt |
| 146 | 291 |  | Grey clay base fill |
| 147 | 115 |  | Grey clay fill |
| 148 | 115 |  | Orange silty clay/rock fill |
| 149 | 115 |  | Grey silty fill |
| 150 | 115 |  | Brown soil fill (top rock fill) |
| 151 | 105 |  | Secondary fill, slumped natural? Mixed light grey mottled orange clay sand |
| 152 | 105 |  | Basal fill? Light/mid-blue/grey silt clay |
| 153 | 111 |  | Grey silty sand layer beneath [127] and above [126] |
| 154 |  |  | cut |
| 155 | 010 |  | Grey/brown/orange top fill |
| 156 |  |  | Pipe cut in ditch [025] |
| 157 | 156 |  | Pipe cut fill |
| 158 | 077 |  | Grey clay |
| 159 | 115C |  | Post hole found in dark brown clay |
| 160 | 115C |  | Grey silty fill |
| 161 | 115C |  | Orange silty natural fill |
| 162 | 115C |  | Orange/brown clay |
| 163 | 115C |  | Orange/brown natural fill |
| 164 |  |  | Cut of possible post hole |
| 165 |  |  | Fill of 164 |
| 166 |  |  | Cut of pit or possible post hole |
| 167 |  |  | Fill of 166 |


| Context | Fill of | Trench | Description |
| :---: | :---: | :---: | :---: |
| 168 | 115 |  | Base fill of [115 B \& C], brown with orange inclusions |
| 169 | 115B |  | Brown/grey silty clay fill |
| 170 | 115A |  | Dark brown/orange clay, heavily compacted |
| 171 | 115A |  | Base of [115A], dark brown orangey clay |
| 172 | 115D |  | Orange sandy clay, very compact |
| 173 |  |  | Cut of post hole |
| 174 |  |  | Cut of interior ditch |
| 175 | 174D |  | Grey clay base fill |
| 176 | 174D |  | Brown/grey clay |
| 177 | 174D |  | Pipe cut in [174F] |
| 178 | 174D |  | Pipe fill |
| 179 | 174D |  | Light brown silty sand base fill |
| 180 | 174D |  | Grey/orange silty clay |
| 181 | 174D |  | Orange clay sand |
| 182 | 174D |  | Light brown clay silt fill |
| 183 | 174D |  | Grey clay fill |
| 184 | 174D |  | Reddish brown silty sand |
| 185 | 174D |  | Brown/grey silty clay |
| 186 | 174D |  | Yellow clay sand |
| 187 | 174D |  | Yellow/brown silty clay |
| 188 | 174D |  | Dark brown sandy silt |
| 189 | 174C |  | Grey clay base fill, probably same as 175 |
| 190 | 174C |  | Stony grey clay side fill potentially same as 189 |
| 191 | 174C |  | Top fill - brown and sandy |
| 192 | 174C |  | Pipe fill in 174C |
| 193 | 174F |  | Yellow/brown silty clay |
| 194 | 174F |  | Silty clay, yellow/grey |
| 195 | 174F |  | Orange/grey silty clay |
| 196 | 174F |  | Orange/brown clay sand |
| 197 | 174F |  | Brown/grey silty clay |
| 198 | 174F |  | Brown clay sand |
| 199 | 174B |  | Brown sandy fill |
| 200 | 174B |  | Grey/orange clay fill |
| 201 | 174B |  | Grey/brown sandy clay base fill |
| 202 | 174B |  | Grey stony clay fill |
| 203 | 174B |  | Upper fill, brown sandy fill |
| 204 | 174B |  | Grey clay fill |
| 205 | 174B |  | Grey/orange clay fill |
| 206 | 174B |  | Brown/orange sandy clay |
| 207 | 174C |  | Mottled orange/grey clay side fill |
| 208 | 174C |  | Grey clay base fill |
| 209 | 174C |  | Grey/brown top fill |
| 210 | 174C |  | Fill of pipe drain cut |
| 211 | 174F |  | Dark grey silty clay |
| 212 | 174F |  | Yellow/grey clay fill |
| 213 | 174F |  | Light brown clay silt |
| 214 | 174F |  | Brown silty sand |
| 215 | 174F |  | Plough cut, cuts into (214) |
| 216 | 174F |  | Fill of plough cut - red sandy silt |
| 217 | 174F |  | Orange/grey clay base fill |
| 218 | 174F |  | Brown/orange clay silt |
| 219 | 174F |  | Orange/grey silty clay |
| 220 | 174F |  | Mottled red/grey silty clay |
| 221 | 174F |  | Grey sandy clay |
| 222 | 174F |  | Brown silty sand |
| 223 | 115C |  | Orange/brown sandy silt |
| 224 | 115D |  | Grey clay fill |


| Context | Fill of | Trench | Description |
| :---: | :---: | :---: | :---: |
| 225 | 115D |  | Brown/grey silty clay |
| 226 | 115D |  | Dark grey clay sand |
| 227 | 115D |  | Black/brown silty sand |
| 228 | 115D |  | Brown sandy silt |
| 229 | 115D |  | Red/brown clay silt |
| 230 | 115D |  | Brown/grey silty clay |
| 231 | 115D |  | Orange/grey sandy clay |
| 232 | 115D |  | Grey sandy clay |
| 233 | 115D |  | Orange sandy silt |
| 234 | 115D |  | Brown/orange sandy silt |
| 235 |  |  | Cut of ditch |
| 236 | 235D |  | Stone and clay backfill of ditch |
| 237 | 235D |  | Clay deposit along NW edge |
| 238 | 235D |  | Clay silt deposit |
| 239 | 235D |  | Clay silt basal fill |
| 240 | 235D |  | Upper silt clay fill |
| 241 | 235D |  | Upper clay silt deposit |
| 242 | 235D |  | Silty clay lower deposit |
| 243 | 235D |  | Basal deposit |
| 244 | 235D |  | Backfill in ditch, mixed |
| 245 | 235A |  | Stone and brown soil fill |
| 246 | 235A |  | Grey clay with orange inclusions |
| 247 | 235A |  | Grey sandy clay fill |
| 248 |  |  | Cut of pipe |
| 249 | 174G |  | Mottled orange/grey clay |
| 250 | 174G |  | Light brown/grey sandy clay with 80-90\% stone inclusions |
| 251 | 174G |  | Mid dark grey clay |
| 252 | 174G |  | Mottled mid grey/orange sandy clay |
| 253 | 174G |  | Mid-dark grey sandy clay |
| 254 | 174G |  | Light brown sandy silt |
| 255 | 235C |  | Orange grey sandy silt |
| 256 | 235C |  | Dark grey mixed clay |
| 257 | 235C |  | Compacted grey clay |
| 258 | 235C |  | Lightly compacted grey silty sand |
| 259 | 174H |  | Mottled grey/orange fill |
| 260 | 174H |  | Grey silty basal fill |
| 261 | 174H |  | Grey silt containing an alignment of slumped stone |
| 262 | 174H |  | Grey silt with slight intermixing of topsoil |
| 263 | 174D |  | Light brown silt with many stone inclusions |
| 264 | 174A |  | Grey clay at base of terminus |
| 265 | 235F |  | Loosely compacted mid-brown/grey clay |
| 266 | 235F |  | Mottled grey/orange clay |
| 267 | 235F |  | Grey silty clay |
| 268 | 235F |  | Compacted grey clay base fill |
| 269 | 60B |  | Brown silty clay fill |
| 270 | 60B |  | Grey clay fill |
| 271 | 60B |  | Orange/grey fill |
| 272 | 60B |  | Grey clay base fill |
| 273 | 235 E |  | Grey/orange, mottled basal clay fill |
| 274 | 235 E |  | Very firm grey clay |
| 275 | 235E |  | Grey/orange sandy clay |
| 276 | 235 E |  | Brown/grey loose clay |
| 277 |  |  | Same as [235] |
| 278 | 235B |  | Silty sand with slumped stone |
| 279 | 235B |  | Silt with slumped stone |
| 280 | 235B |  | Sandy silt fill |
| 281 | 235B |  | Silt fill |


| Context | Fill of | Trench | Description |
| :--- | :--- | :--- | :--- |
| 282 | 60 C |  | Mottled orange/grey clay basal fill |
| 283 | 60 C |  | Smooth mid-grey clay |
| 284 | 60 C |  | Rough dark grey clay |
| 285 | 60 C |  | Red/brown sandy clay, mixed |
| 286 | 60 D |  | Course orange/grey clay basal layer |
| 287 | 60 D |  | Smooth mid-grey clay |
| 288 | 60 D |  | Rough dark grey clay |
| 289 | 60 D |  | Greenish grey clay |
| 290 | 60 D |  | Red/brown rough sandy clay |
| 291 |  |  | Cut of pit, NE outer ditch |
| 292 |  |  | Cut of pit, NE outer ditch |
| 293 |  |  | Cut of pit, SE outer ditch |
| 294 |  |  | Cut of pit, SE outer ditch |
| 295 |  |  | Cut of pit, SE outer ditch |
| 296 | 174 C |  | Mottled orange/grey clay |
| 297 | 174 D |  | Light brown sandy silt deposit |
| 298 | 174 E |  | Mottled grey/orange sandy clay |
| 299 | 174 E |  | Grey clay |
| 300 | 174 E |  | Mid brown/grey sandy clay |
| 301 | 174 E |  | Mid brown/grey clay sand |
| 302 | 174 E |  | Mod pipe cut |
| 303 | 147 E |  | Light-mid-brown silty sand |
| 304 | 174 E |  | Mid-light brown silty sand |
| 305 | 293 |  | Grey clay basal fill |
| 306 | 293 |  | Mottled orange/grey sandy clay |
| 307 | 293 |  | Mid-brown sandy silt |
| 308 | 294 |  | Grey clay basal fill |
| 309 | 294 |  | Grey/orange sandy clay |
| 310 | 294 |  | Orange/grey clay sand |

## APPENDIX 2: DIGITAL PHOTOGRAPHIC REGISTER

| Number | Description | From | Conditions |
| :--- | :--- | :--- | :--- |
| $1-3$ | N facing section of [001] (dwg 6) | N | Sun |
| 4 | Working shot of [001] (dwg 6) | E | Sun |
| 5 | N facing section of [001] (dwg 6) | N | Sun |
| $6-7$ | S facing section of [021] (dwg 4) | S | Overcast |
| 8 | E facing section of [025] (dwg 5) | E | Sun |
| 9 | W facing section of [036] (dwg 7) | W | Overcast |
| 10 | NW facing section of [001] (dwg 8) | N | Sun |
| 11 | NE facing section of [050] (dwg 9) | NE | Cloudy |
| 12 | SW facing section of [050] (dwg 10) | SW | Sun |
| 13 | N facing section of [055] (dwg 12) | W | Overcast |
| 14 | S facing section [055] (dwg 11) | S | Sun |
| 15 | West terminus of [060], inner ditch, northern section | W | Overcast |
| 16 | West terminus of [060], inner ditch, northern section | E | Overcast |
| 17 | NE facing section of [082] (dwg 13) | NE | Overcast |
| 18 | SW facing section of [082] (dwg 14) | SW | Overcast |
| 19 | Area shot of [071] | NE | Overcast |
| 20 | Area shot of cut [071] | W | Overcast |
| 21 | SW facing section of [060] | SW | Overcast |
| 22 | NE facing section of [060] | NE | Overcast |
| 23 | NW facing section of [075] (dwg 17) | SE | Overcast |
| 24 | NW facing section of [071] (dwg 15) | NW | Overcast |
| 25 | SE facing section of [076] (dwg 16) | SE | Overcast |


| Number | Description | From | Conditions |
| :---: | :---: | :---: | :---: |
| 26 | NE facing section of [078] (dwg 19) | NE | Overcast |
| 27 | SW facing section of [077] (dwg 18) | SW | Overcast |
| 28 | NE-SW orientated ditch [082], post-excavation | NE | Sun/Cloudy |
| 29 | NW facing section of [076] (dwg 021) | NW | Overcast |
| 30 | SE terminus of ditch section [076] | Plan | Cloudy |
| 31 | NW terminus of [075] | Plan | Cloudy |
| 32 | Post-ex of ditch [055] | S | Overcast |
| 33 | Post-ex of ditch [055] | N | Overcast |
| 34 | NW facing section of [091] (dwg 22) | NW | Rain |
| 35 | NE facing section of [078] (dwg 23) | NE | Rain |
| 36 | Post-ex of [082] from NE terminus end | NE | Overcast |
| 37 | NNW facing section of [100], western side of inner ditch showing terminus (dwg 24) | NNW | Cloudy |
| 38 | Post-ex of [091], NW-SE orientated | Plan | Cloudy |
| 39 | Post-ex of [091], NW-SE orientated | NW | Cloudy |
| 40 | Pre-ex of stone layer. Working shot | E | Misty |
| 41 | Pre-ex of stone layer. Working shot | S | Misty |
| 42 | Plan view of post-ex of [025] | N | Rain |
| 43 | SE facing section of [060] taken from terminus (dwg 30) | SE | Overcast |
| 44 | SE facing section of [060] taken from terminus (dwg 30) | SE | Overcast |
| 45 | Post-cleaning of inner ditch at [111] | S | Rain |
| 46 | Post-cleaning of inner ditch at [111] | E | Rain |
| 47 | ENE-WSW orientated ditch section [078] | ENE | Misty |
| 48 | ENE-WSW orientated ditch section [078] | WSW | Misty |
| 49 | Working shot of SW section of inner ditch facing W | E | Misty |
| 50 | Stone deposit facing E | W | Misty |
| 51 | General view SE section of inner ditch facing E | W | Misty |
| 52 | Stone deposit facing N | S | Misty |
| 53 | General view SE section of inner ditch | W | Misty |
| 54 | Stone deposit facing E | W | Misty |
| 55 | Stone deposit facing N | S | Misty |
| 56 | SE section inner ditch facing NW (penultimate section before E terminus) | SE | Misty |
| 57 | SE section inner ditch facing NE | SW | Misty |
| 58 | Detail of stone deposit of penultimate section of inner ditch before E terminus facing NW | SE | Misty |
| 59 | Detail of stone deposit of penultimate section of inner ditch before E terminus facing NW | SE | Misty |
| 60 | Detail of stone deposit of penultimate section of inner ditch before E terminus facing NW | SE | Misty |
| 61 | E terminus southern inner ditch facing NE | E | Misty |
| 62 | E terminus southern inner ditch facing SW | NE | Misty |
| 63 | SE facing section of [105] looking from SE terminus (dwg 31) | SE | Cloudy |
| 64 | Inner ditch section [100] looking from northern terminus | N | Cloudy |
| 65 | E terminus of northern inner ditch [174] facing W, pre-ex | E | Cloudy |
| 66 | E terminus of northern inner ditch [174] facing S, pre-ex | N | Cloudy |
| 67 | General shot of long stone deposit up to terminus inner ditch [174] | NE | Cloudy |
| 68 | Stone deposit in north inner ditch facing S | N | Cloudy |
| 69 | Stone deposit in north inner ditch facing W | E | Cloudy |
| 70 | NW facing section of [100] (dwg 27), | NW | Overcast |
| 71 | Inner ditch stone deposit, northern sector facing W | E | Overcast |
| 72 | Inner ditch stone deposit, northern sector facing S | N | Overcast |
| 73 | Final sector of inner ditch [060] | NW | Overcast |
| 74 | Working shot of whole site from spoil heap | W | Overcast |
| 75 | Working shot of whole site from spoil heap | W | Overcast |
| 76 | SE facing section of [110] (dwg 28) | SE | Sunny |


| Number | Description | From | Conditions |
| :---: | :---: | :---: | :---: |
| 77 | Ditch terminus of [105], post-ex | SE | Sunny |
| 78 | NW facing section of [110] (dwg 29) | NW | Sun/Cloudy |
| 79-80 | W facing section of ditch [111] (dwg 33) | W | Sun/Cloudy |
| 81 | SE facing section of [111] (dwg 32) | SE | Sun/Cloudy |
| 82-3 | Post-ex of [111]. Between dwgs 32-33 | SE | Overcast |
| 84-6 | Post-ex of [111]. Between dwgs 32-33 | W | Overcast |
| 87-8 | SE facing section of [021] (dwg 34) | SE | Sunny |
| 89 | SW facing terminus section of [115A] (dwg 36) | SW | Overcast |
| 90 | NE facing terminus section of cut [111d] (dwg 35) | E | Overcast |
| 91 | NW facing section of [021] (dwg 37) | NW | Overcast |
| 92 | NW facing section. [021] (dwg 38) | NW | Overcast |
| 93-4 | Working shot of site | W | Sun |
| 95 | In-situ photo of large mammal scapula (FN:17) in ditch section[115b] taken from above (aligned SW-NE) | Plan | Sun/Cloudy |
| 96 | In-situ photo of large mammal scapula (FN:17) taken with section [115b] | SW | Overcast |
| 97 | NE facing section of [115c] (FN: 10-12, 15, 16) | NE | Rain/Cloud |
| 98 | E facing section of [111b] | E | Rain/Cloud |
| 99 | W facing section of [111b], (126, 127, 153), (dwg 40) | W | Rain/Cloud |
| 100 | W facing section of [111b] with shallow slot on N facing edge (127, 153, 126) | W | Sunny |
| 101 | Overhead shot of [111b] | W | Overcast |
| 102 | Overhead shot of [111b] showing section of base at W end | E | Overcast |
| 103 | Overhead shot of [111c] | NW | Overcast |
| 104 | E facing section [111c] (dwg 41) | E | Overcast |
| 105 | NE facing section of [115c] (FN: 10-12, 15, 16) Inner ditch update of photo 97 | SW | Sun/Cloudy |
| 106 | SW facing section of [115b] (dwg 42) | SW | Overcast |
| 107 | Post-ex shot of the SE terminus of [071] | NE | Overcast |
| 108 | Post-ex shot of [036] in outer ditch | N | Overcast |
| 109 | Post-ex shot of [036] of outer ditch | E | Overcast |
| 110 | Mid-ex shot of posthole [166] | S | Overcast |
| 111 | Re-shoot of photo 89 showing [115] | SW | Overcast |
| 112 | Post-ex of post hole [166] | S | Overcast |
| 113 | Post-ex of post hole [064] | S | Overcast |
| 114 | Possible post hole [173], within ditch section [115c] | From above | Cloudy/Rain |
| 115 | SSE facing section of [174d] (dwg 47) | SSE | Cloudy |
| 116 | NW facing section of [174d] (dwg 46) | NW | Cloudy |
| 117 | NNW facing section of [174e] (dwg 73 ) | NNW | Cloudy |
| 118 | NNW facing section of [174b] (dwg 49) | NNW | Cloudy |
| 119 | S facing section of [174c] (dwg 48) | S | Overcast/ Rainy |
| 120 | S facing section of [174b] (dwg 50) | S | Overcast/ Rainy |
| 121 | S facing section of [174b] (dwg 50) | S | Overcast/ <br> Rainy |
| 122 | N facing section of [174c] (dwg 51) | N | Clear |
| 123 | SSE facing section of [174e] (dwg 74) | SSE | Overcast |
| 124 | SE facing section of [174f] | SE | Overcast |
| 125 | Health + Safety at work | E | Overcast |
| 126 | NW facing section of [174f] | NW | Overcast |
| 127-8 | NW facing section of [174g] | NW | Overcast |
| 129 | SW facing ditch [235d] and 'bridge' (244) | SW | Sun/Cloudy |
| 130 | SE facing ditch [235d] and 'bridge' (244) | SE | Sun/Cloudy |
| 131 | SE facing ditch [235d] and 'bridge' (244) | SE | Sun/Cloudy |
| 132 | SE facing ditch [235d] and 'bridge' (244) | SE | Sun/Cloudy |


| Number | Description | From | Conditions |
| :---: | :---: | :---: | :---: |
| 133 | NE facing ditch [235d] and section | NE | Sun/Cloudy |
| 134 | NE facing ditch [235d] and section | NE | Sun/Cloudy |
| 135 | NE facing section of [235a] (dwg 54) | NE | Cloud |
| 136 | NE facing section of [235a] (dwg 54) | NE | Cloud |
| 137 | NE facing section of [235a] (dwg 54) | NE | Cloud |
| 138 | SW facing section of [235c] (dwg 55) | NE | Rain |
| 139 | NE facing section ditch [235c] (dwg 56) | SW | Rain |
| 140 | SW facing section ditch [235d] (dwg 57) | NE | Overcast |
| 141 | SW facing section ditch [235d] (dwg 57) | NE | Overcast |
| 142 | NE facing section ditch [235d] (dwg 58) | SW | Overcast |
| 143 | NE facing section ditch [235d] (dwg 58) | SW | Overcast |
| 144 | Ditch cut [235d] | SE | Overcast |
| 145 | Ditch cut [235d] | SW | Overcast |
| 146 | Ditch cut [235d] | NE | Overcast |
| 147 | SW facing section ditch [235c] (dwg 55) | SW | Overcast |
| 148 | NE facing section of [235d] (with tins in section) | SW | Cloud |
| 149 | NE facing section of cut [235d] (with tins in section) | SW | Cloud |
| 150 | NE facing section of cut [235d] (with tins in section) | SW | Cloud |
| 151 | SW facing section of cut [235d] (with tins in section) | NE | Cloud |
| 152 | SW facing section of cut [235d] (with tins in section) | NE | Cloud |
| 153 | SW facing section of cut [235d] (with tins in section) | NE | Cloud |
| 154 | E facing section of [174h] (dwg 60) | E | Sun |
| 155 | W facing section of [174h] (dwg 61) | W | Sun |
| 156 | General shot [174b] (from interior) | W | Sun/Cloudy |
| 157 | General shot [174b] (from interior) | W | Sun/Cloudy |
| 158 | General shot [174b] (from interior) | N | Overcast |
| 159 | General shot [174b] (from interior) | S | Overcast |
| 160 | General shot [174b] (from exterior) | E | Overcast |
| 161 | General shot [174c] (from interior) | W | Overcast |
| 162 | General shot [174c] (from exterior) | E | Overcast |
| 163 | General shot [174c] (lengthways) | N | Overcast |
| 164 | General shot [174c] (lengthways) | S | Overcast |
| 165 | General shot [174d] (from interior) | W | Overcast |
| 166 | General shot [174d] (from exterior) | E | Overcast |
| 167 | General shot [174d] (lengthways) | N | Overcast |
| 168 | General shot [174d] (lengthways) | S | Overcast |
| 169 | General shot [174f] (from interior) | S | Overcast |
| 170 | General shot [174f] (from exterior) | N | Overcast |
| 171 | General shot [174f] (lengthways) | W | Overcast |
| 172 | General shot [174f] (lengthways) | E | Overcast |
| 173 | General shot [174g] (from interior) | S | Overcast |
| 174 | General shot [174g] (from exterior) | N | Overcast |
| 175 | General shot [174g] (lengthways) | W | Overcast |
| 176 | General shot [174g] (lengthways) | E | Overcast |
| 177 | General shot [174h] (from interior) | S | Overcast |
| 178 | General shot [174h] (from interior) | S | Overcast |
| 179 | General shot [174h] (from exterior) | N | Overcast |
| 180 | General shot [174h] (lengthways) | W | Overcast |
| 181 | General shot [174h] (lengthways) | E | Overcast |
| 182 | General shot [235c] (from interior) |  | Overcast |
| 183 | General shot [235c] (from exterior) |  | Overcast |
| 184 | General shot [235c] (lengthways) | SW | Overcast |
| 185 | General shot [235c] (lengthways) | NE | Overcast |
| 186 | General shot [235a] (from interior) |  | Overcast |
| 187 | General shot [235a] (from exterior) |  | Overcast |
| 188 | General shot [235a] (lengthways) |  | Overcast |
| 189 | General shot [235a] (lengthways) |  | Overcast |


| Number | Description | From | Conditions |
| :---: | :---: | :---: | :---: |
| 190 | General plan shot [174e] | WSW | Overcast |
| 191 | General shot [174e] (lengthways) | SSE | Overcast |
| 192 | General shot [174e] (lengthways) | NNW | Overcast |
| 193 | NE facing section of [115d] (dwg 62) | NE | Overcast |
| 194 | S facing section of [174a] inner terminus (plan view) | S | Overcast |
| 195 | S facing section of [174a] inner terminus (plan view) | S | Overcast |
| 196 | Plan view of inner terminus [174a] | W | Overcast |
| 197 | Plan view of inner terminus [174a] | N | Overcast |
| 198 | South facing section of [174a] | S | Overcast |
| 199 | South facing section of [174a] | S | Overcast |
| 200 | Plan view of inner terminus [174a] | W | Overcast |
| 201 | Plan view of inner terminus [115d] | NW | Overcast |
| 202 | Plan view of SE part of [115d] | NW | Overcast |
| 203 | Plan view of NE part (terminus end) of [115d] | SW | Overcast |
| 204 | Plan view of SW part (section end - dwg 62) of [115d] | NE | Overcast |
| 205 | Plan view of NW part of inner terminus [115d] | SE | Overcast |
| 206 | NE facing section of [060a] (dwg 65) | NE | Wet |
| 207 | NE facing section. Cut [060a] (dwg 65) | NE | Wet |
| 208 | SW facing section of [235f] (dwg 66) | SW | Rain |
| 209 | Overhead shot of terminus of [235f] | NE | Rain |
| 210 | SW facing section of [235e] | SW | Rain |
| 211 | NE facing section of [235e] | NE | Rain |
| 212 | General view of SW facing section of [235e] | SW | Rain |
| 213 | General view of NE facing section of [235e] | NE | Rain |
| 214 | Plan view of [235e] | SE | Rain |
| 215 | Overhead shot of terminus from SW of [235f] | SW | Rain |
| 216 | Plan view of [235f] | SE | Rain |
| 217 | NW facing section [174g] (dwg 59) | NW | Rain |
| 218 | SE facing section [174g] (dwg 64) | SE | Rain |
| 219 | Overhead shot of [060a] | NW | Overcast |
| 220 | Plan view of [060a] | W | Overcast |
| 221 | Section view of [060a] | W | Overcast |
| 222 | NE facing section of [235b] (dwg 69) | NE | Fair |
| 223 | SSW facing section of [060b] | SSW | Overcast |
| 224 | N facing section of [060b] | S | Overcast |
| 225 | Plan shot of [060b] from S | S | Overcast |
| 226 | Plan shot of [060b] from SSW | SSW | Overcast |
| 227 | Long plan of [235b] + section | SW | Fair |
| 228 | Long plan of [235b] + section | NE | Fair |
| 229 | Plan (from rubble interior) | S | Fair |
| 230 | SW facing section of [235b] (dwg 70) | SW | Fair |
| 231 | General shot Looking towards NE section of outer ditch/terminus [021] | N | Sunny |
| 232 | General shot of NE section of outer ditch [021] looking towards terminus | NE | Sunny |
| 233 | General shot of NE section of outer ditch [021] looking towards terminus | NW | Sunny |
| 234 | Looking along NE section of outer ditch [021] towards terminus with modern pipe cut on RHS | N | Sun |
| 235 | Looking north towards end of NE section of outer ditch [021], [292] and [291] | S | Sun |
| 236 | Shot of [292] and [291] | SE | Sun |
| 237 | NE section of outer ditch [021], [292] and [291] and two intersecting modern pipe cuts | SE | Sun |
| 238 | NE section of outer ditch [292] and [021] | NW | Sun |
| 239 | General shot of NE section of outer ditch [021], [292] and [291] | E | Sun |
| 240 | Looking N from northern terminus of NE section of outer ditch | S | Cloudy |


| Number | Description | From | Conditions |
| :--- | :--- | :--- | :--- |
|  | [021], [292] and [291] |  | Cloudy |
| 241 | Looking south towards terminus of NE section of outer ditch <br> [021] | N | Cloudy |
| 242 | Looking NNW along section [292] and [291] of NE part of <br> outer ditch | SSE | Cloudy |
| 243 | Looking SE along section [292] and [021] of NE part of outer <br> ditch | NW | Cloudy |
| 244 | Looking towards northern terminus of NE part of outer ditch <br> [021] | NW | Cloudy |
| 245 | Looking towards northern terminus of NE part of outer ditch <br> [021] | NE | S |
| 246 | S facing section of inner ditch [060c] (dwg 72) | Sun |  |
| 247 | S facing section of inner ditch [060c] (dwg 72) | SW | Sun |
| 248 | Looking NE along the SE part of outer ditch [001] with <br> southern terminus | Looking NE along the SE part of outer ditch [001] with <br> southern terminus | SW |
| 249 | Looking NE along the SE part of outer ditch [001] with <br> southern terminus | WSS | Sun |
| 250 | Looking NE along the SE part of outer ditch [001] with <br> southern terminus | SSW | Sun |
| 251 | Looking from southern terminus of outer ditch [001] | NNE | Sun |
| 252 | Looking from southern terminus of outer ditch [001] | NNE | Sun |
| 253 | Looking from southern terminus of outer ditch [001] | ENE | Cloudy |
| 254 | Looking from southern terminus of outer ditch [001] | NE | Cloudy |
| 255 | Looking from southern terminus of outer ditch [001] | NE | Sun |
| 256 | Looking from southern terminus of outer ditch [001] | NE | Sun |
| 257 | Looking from southern terminus of outer ditch [001] | NE | Sun |
| 258 | Looking from southern terminus of outer ditch [001] | ENE | Sun |
| 260 | Looking WSW along ditches [001], [010], [293], [294], [295], <br> [036], [025] and [091] of southern part of outer ditch | ENE | Sun |
| 262 | Looking ENE along ditches [295], [294], [293] [010] and [001] | WSW | Sun |
| Looking ENE along ditches [294], [293] [010] and [001] | Sun |  |  |

## APPENDIX 3: DRAWINGS REGISTER

| No. | Sheet | Description | Sec/Plan | Scale |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 1 | Section 1, SW facing section of [001] | S | 1:20 |
| 2 | 1 | Section 2, NE facing section of [010] | S | 1:20 |
| 3 | 1 | Section 3, SW facing section of [001] | S | 1:20 |
| 4 | 1 | South facing section of [021] | S | 1:20 |
| 5 | 1 | East facing section of [025] | S | 1:20 |
| 6 | 2 | North facing section of [001] | S | 1:20 |
| 7 | 2 | West facing section of [036] | S | 1:20 |
| 8 | 2 | North facing section of [001] | S | 1:20 |
| 9 | 2 | Northeast facing section of [050] | S | 1:20 |
| 10 | 2 | SW facing section of [050] | S | 1:20 |
| 11 | 3 | South facing section of [055] | S | 1:20 |
| 12 | 3 | North facing section [055] | S | 1:20 |
| 13 | 3 | NE facing section of [082] | S | 1:20 |
| 14 | 3 | SW facing section of [082] | S | 1:20 |
| 15 | 3 | NW facing section of [071] | S | 1:20 |
| 16 | 3 | SE facing section of [076] | S | 1:20 |
| 17 | 3 | NW facing section of [075] | S | 1:20 |
| 18 | 3 | SW facing section of [077] | S | 1:20 |


| No. | Sheet | Description | Sec/Plan | Scale |
| :---: | :---: | :---: | :---: | :---: |
| 19 | 3 | NE facing section of [078] | S | 1:20 |
| 20 | 4 | Terminus profile [060] | S | 1:20 |
| 21 | 4 | NW facing section of [076] | S | 1:20 |
| 22 | 4 | NW facing section of [091] | S | 1:20 |
| 23 | 4 | NE facing section of [078] | S | 1:20 |
| 24 | 4 | W terminus, inner ditch [100], north facing section | S | 1:20 |
| 25 | 5 | W terminus, inner ditch profile of [100] | Profile | 1:20 |
| 26 |  | VOID |  |  |
| 27 | 5 | W terminus, W facing section (inner ditch) [100] | S | 1:20 |
| 28 | 5 | Cut of edge of terminus, SE facing section of [110] | S | 1:20 |
| 29 | 5 | Remains of overcut terminus, NW facing section of [110] | S | 1:20 |
| 30 | 4 | SE facing section of [060] | S | 1:20 |
| 31 | 4 | SE facing section of [105] | S | 1:20 |
| 32 | 5 | SE facing section of [111] | S | 1:20 |
| 33 | 5 | W facing section of [111] | S | 1:20 |
| 34 | 6 | SE facing section of [021] | S | 1:20 |
| 35 | 5 | NE facing section [111d] | S | 1:20 |
| 36 | 6 | SW facing section of [115a] | S | 1:20 |
| 37 | 6 | N facing section of [021] | S | 1:20 |
| 38 | 6 | NW facing section of [021], terminus | S | 1:20 |
| 39 | 6 | NE facing section of [115c] | S | 1:20 |
| 40 | 6 | W facing section of [111b] | S | 1:20 |
| 41 | 6 | E facing section of [111c] | S | 1:20 |
| 42 | 7 | SW facing section of [115b] | S | 1:20 |
| 43 | 7 | Profile of post hole [164] | Profile | 1:10 |
| 44 | 7 | Profile of post hole [166] | Profile | 1:10 |
| 45 | 7 | NE facing section of possible post hole [173] near cut [115c] | S | 1:20 |
| 46 | 8 | NW facing section of [174d] | S | 1:20 |
| 47 | 7 | SSE facing section of [174d], inner ditch | S | 1:20 |
| 48 | 8 | S facing section of [174c], inner ditch | S | 1:20 |
| 49 | 7 | NNW facing section of [174b] | S | 1:20 |
| 50 | 7 | S facing section of inner ditch [174b] | S | 1:20 |
| 51 | 8 | N facing section of inner trench [174c] | S | 1:20 |
| 52 | 8 | NW facing section of inner ditch segment [174f] | S | 1:20 |
| 53 | 8 | SE facing section of inner ditch segment [174f] | S | 1:20 |
| 54 | 9 | NE facing section of inner ditch [235a] | S | 1:20 |
| 55 | 10 | SW facing section of inner ditch [235c] | S | 1:20 |
| 56 | 10 | NE facing section of inner ditch [235c] | S | 1:20 |
| 57 | 9 | SW facing section of inner ditch [235d] | S | 1:20 |
| 58 | 9 | NE facing section of inner ditch [235d] | S | 1:20 |
| 59 | 11 | SW facing section of inner ditch [174g] | S | 1:20 |
| 60 | 10 | NE facing section of inner ditch segment [174h] | S | 1:20 |
| 61 | 10 | SW facing section of inner ditch [174h] | S | 1:20 |
| 62 | 9 | NE facing section of inner terminus [115d] | S | 1:20 |
| 63 | 13 | S facing section of inner terminus [174a] | S | 1:20 |
| 64 | 11 | SE facing section of inner ditch [174g] | S | 1:20 |
| 65 | 13 | NE facing section of [60a] | S | 1:20 |
| 66 | 10 | SE facing section of inner ditch [235f] | S | 1:20 |
| 67 | 12 | NE facing section of inner ditch [235e] | S | 1:20 |
| 68 | 12 | SW facing section of inner ditch [235e] | S | 1:20 |
| 69 | 9 | NE facing section of [235b] | S | 1:20 |
| 70 | 13 | SW facing section of [235b] | S | 1:20 |
| 71 | 12 | SSW facing section of [060c] | S | 1:20 |
| 72 | 12 | S facing section of [060d] | S | 1:20 |

APPENDIX 4: FINDS

| $\begin{aligned} & \hline \mathbf{S F} \\ & \text { no. } \end{aligned}$ | Context | $\begin{aligned} & \hline \text { Cut } \\ & \text { no } \end{aligned}$ | Other | Find type | No. | $\begin{array}{\|l\|} \hline \mathbf{W t} \\ \mathbf{( g )} \\ \hline \end{array}$ | Notes | Spotdate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Animal Bone | 15 | 135 |  |  |
|  |  |  |  | Animal Bone | 1 | 1 |  |  |
|  |  |  |  | Clay Pipe | 1 | 2 | Stem | Post-med |
|  |  |  |  | Glass | 2 | 41 | Clear bottle and blue sherd | Modern |
|  |  |  |  | Pottery | 15 | 66 |  | Post-med |
| 54 |  |  | Surface | Stone | 1 | 29 | Shale | Prehistoric |
| 55 |  |  | Surface | Stone | 1 | 14 | Worked Shale | Prehistoric |
|  |  |  | Surface | Stone | 1 | 467 | Worked Shale | Prehistoric |
|  |  |  | Surface-within inner ditch | Fe | 1 | 40 | Curved and tapered broken rod, square in section | Modern |
|  |  |  | Surface-within inner ditch | Pottery | 4 | 18 |  | 19th C |
|  |  |  | Surface-within inner ditch | Animal Bone | 1 | 1 |  |  |
| 2 |  | 25 | Pipe trench | Stone | 1 | 83 | Worked Shale | Prehistoric |
| 1 | 23 | 21 |  | Stone | 1 | 12 | Worked Shale | Prehistoric |
| 52 |  | 174h |  | Pottery | 1 | 9 |  | Post-med/ modern |
|  |  | 115d |  | Animal Bone | 4 | 16 |  |  |
| 7 | 114 | 115 |  | Animal Bone | 2 | 1 |  |  |
| 9 | 114 | 115 |  | Animal Bone | 1 | 21 |  |  |
|  | 114 |  | <14> | Organics? | 1 | 3 | Modern- discarded |  |
| 3 | 128 | 21 |  | Animal Bone | 49 | 11 |  |  |
| 4 | 128 | 21 |  | Animal Bone | 20 | 7 |  |  |
| 5 | 128 | 21 |  | Animal Bone | 39 | 6 |  |  |
| 18 | 140 | 138 |  | Animal Bone | 81 | 107 |  |  |
|  | 147 | 115b |  | Animal Bone | 21 | 52 |  |  |
| 8 | 147 | 115 | Trench C | Animal Bone | 278 | 34 |  |  |
| 10 | 147 | 115 | Trench C | Animal Bone | 19 | 4 |  |  |
| 11 | 147 | 115 | Trench C | Animal Bone | 18 | 2 |  |  |
| 12 | 147 | 115 |  | Animal Bone | 45 | 11 |  |  |
| 15 | 147 | 115 |  | Animal Bone | 37 | 5 |  |  |
| 17 | 147 | 115b |  | Animal Bone | 248 | 50 |  |  |
| 24 | 147 | 115c |  | Animal Bone | 75 | 36 |  |  |


| $\begin{aligned} & \hline \text { SF } \\ & \text { no. } \end{aligned}$ | Context | $\begin{aligned} & \hline \text { Cut } \\ & \text { no } \\ & \hline \end{aligned}$ | Other | Find type | No. | Wt <br> (g) | Notes | Spotdate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 45 | 147 | 115c |  | Stone | 1 | 399 | Possible Hammerstone | Prehistoric |
| 48 | 147 | 115c |  | Animal Bone | 31 | 40 |  |  |
| 6 | 149 | 115 |  | Animal Bone | 10 | 8 |  |  |
| 14 | 151 |  |  | Stone | 2 | 32 | Shale | Prehistoric |
| 14 | 151 |  |  | Stone | 1 | 21 | Quartz | Prehistoric |
| 13 | 152 |  |  | Stone | 4 | 230 | Quartz Pebbles | Prehistoric |
| 19 | 152 | 105 |  | Stone | 2 | 388 | Worked Shale | Prehistoric |
| 20 | 152 | 105 |  | Stone | 1 | 75 | Worked Shale | Prehistoric |
| 21 | 152 | 105 |  | Stone | 1 | 254 | Pecking stone? | Prehistoric |
| 22 | 152 | 105 |  | Stone | 1 | 37 | Worked Shale? | Prehistoric |
| 23 | 152 | 105 |  | Stone | 1 | 710 | Worked Stone? | Prehistoric |
| 44 | 163 | 115c |  | Stone | 1 | 395 | Worked Shale | Prehistoric |
| 46 | 163 | 115c |  | Animal <br> Bone | 14 | 2 |  |  |
| 47 | 163 | 115c |  | Animal Bone | 72 | 15 |  |  |
|  | 167 | 166 |  | Charcoal |  | 1 |  |  |
| 25 | 172 | 115d |  | Animal Bone | 9 | 5 |  |  |
|  | 175 | 115d |  | Animal Bone | 34 | 728 |  |  |
| 29 | 223 | 115d |  | Animal Bone | 15 | 16 |  |  |
| 35 | 223 | 115d |  | Animal Bone | 35 | 31 |  |  |
| 39 | 223 | 115d |  | Animal Bone | 38 | 5 |  |  |
| 28 | 224 | 115d |  | Animal Bone | 1 | 22 |  |  |
| 31 | 224 | 115d | <24> | Charcoal |  | 1 |  |  |
| 32 | 224 | 115d |  | Animal <br> Bone | 10 | 33 |  |  |
| 33 | 224 | 115d |  | Charcoal |  | 103 |  |  |
| 34 | 224 | 115d |  | Animal Bone | 4 | 22 |  |  |
| 38 | 224 | 115d |  | Animal Bone | 17 | 40 |  |  |
| 40 | 224 | 115d |  | Animal Bone | 60 | 9 |  |  |
| 36 | 226 | 115d |  | Animal Bone | 78 | 17 |  |  |
| 37 | 226 | 115d |  | Animal Bone | 99 | 20 |  |  |
| 27 | 239 | 235d |  | Stone | 1 | 79 | Worked Shale | Prehistoric |
|  | 249 | 174 g | <31> | Charcoal |  | 41 |  |  |
| 41 | 264 | 174a |  | Animal <br> Bone | 19 | 59 |  |  |
| 50 | 270 | 60b |  | Animal Bone | 1 | 3 |  |  |
| 53 | 270 | 60a |  | Charcoal |  | 5 |  |  |

## APPENDIX 5: SAMPLES REGISTER

| No. | Context | Description | Volume (l) |
| :---: | :---: | :---: | :---: |
| 1 | 020 | Large tin - soil micromorph |  |
| 2 | 018/ 019/020 | Large tin - soil micromorph |  |
| 3 | 009/ 018 | Large tin - soil micromorph |  |
| 4 | 056/ 057 | Environmental sample | 20 |
| 5 | 064 (\& 067?) | Environmental sample | 10 |
| 6 | 070 | Environmental sample | 10 |
| 7 | 103 | Environmental sample | 20 |
| 8 | 106 | Environmental sample | 20 |
| 9 | 108 | Environmental sample | 10 |
| 10 | 109 | Environmental sample | 10 |
| 11 | 112 | Environmental sample | 20 |
| 12 | 112 | Environmental sample | 20 |
| 13 | 114 | Environmental sample | 20 |
| 14 | 114 | Dating sample | 1x small bag |
| 15 | 114 | Environmental/ Dating sample | 5 |
| 16 | 126 | Environmental sample | 5 |
| 17 | 151 | Routine bulk environmental sample | 20 |
| 18 | 152 | Routine bulk environmental sample | 20 |
| 19 | 147 | Base fill of 115 from Trench B | 10 |
| 20 | 159 | Possible post hole remains |  |
| 21 | 037 | Environmental sample | 20 |
| 22 | 165 | Post hole fill | 1x medium bag |
| 23 | 167 | Post hole fill | 1 x medium bag |
| 24 | 167 | Charcoal (possibly) |  |
| 25 | 208 | Environmental sample | 40 |
| 26 | 195/ 220 | Environmental sample | 40 |
| 27 | 243 | Environmental sample | 20 |
| 28 | 239 | Environmental sample | 20 |
| 29 | 247 | Environmental sample | 40 |
| 30 | 249 | Environmental sample | 40 |
| 31 | 249 | Charcoal (possibly) |  |
| 32 | 258 | Environmental sample | 40 |
| 33 | 259 | Wood |  |
| 34 | 236/237/ 241 | Large tin - soil micromorph |  |
| 35 | 237 | Large tin - soil micromorph |  |
| 36 | 236/237 | Large tin - soil micromorph |  |
| 37 | 236 | Large tin - soil micromorph |  |
| 38 | 241/236 | Large tin - soil micromorph |  |
| 39 | 243/242 | Large tin - soil micromorph |  |
| 40 | 243 | Large tin - soil micromorph |  |
| 41 | 242 | Large tin - soil micromorph |  |
| 42 | 241/240 | Large tin - soil micromorph |  |
| 43 | 239 | Large tin - soil micromorph |  |
| 44 | 262/261 | Environmental sample | 10 |
| 45 | 259/260 | Environmental sample | 20 |
| 46 | 264 | Base fill - dating | 40 |
| 47 |  | Base fill | 40 |
| 48 | 274 | Base fill | 40 |
| 49 |  | Base fill | 40 |
| 50 | 278 | Environmental sample | 10 |
| 51 | 279 | Environmental sample | 10 |
| 52 | 280/281 | Environmental sample | 10 |
| 53 | 282 | Base fill | 30 |
| 54 | 296 | Base fill | 30 |

APPENDIX 6: Summary of Excavated Sections

| Section No. | Section Length (m) | Ditch Depth (m) | Ditch Width (m) | Contexts Present | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 001A | 4 | 1.4 | 4.25 | $\begin{aligned} & \text { 001, 009, 030, 029, } \\ & 031,032,035 \end{aligned}$ | U-shaped ditch profile with flat base. Upper fills truncated by pipe cut. Grey sandy clay stony basal fill (030). Deposits are concave in profile. Drawing 6. |
| 001B | 3.3 | 1.4 | 4.65 | $\begin{aligned} & 001,009,040,041, \\ & 042,043,044,045 \\ & 046,047,048,049 \end{aligned}$ | U shaped ditch profile. Upper fill has pipe cut. Sub-circular concentration of stone in bottom centre of ditch. Deposits are concave in profile. Drawing 8. |
| 001C | 3.2 | 1.3 | 4.2 | $\begin{aligned} & \text { 001, 009, 018, 019, } \\ & 020 \end{aligned}$ | V-shaped profile. No concentration of stones within this ditch section. Drawing 3. Deposits are concave in profile |
| 001D | 4 | 1.05 | 3.65 | 001-009 | V-shaped ditch profile. Deposits are concave in profile. Drawing 1. |
| 010A | 4 | 1.0 | 3.05 | $\begin{aligned} & \text { 010, 011, 012, 013, } \\ & 014,015,016,017 \end{aligned}$ | [010] Sub-circular conjoined pit (3m NW-SE by 2.7 m NE-SW). Part of southern circuit of outer ditch. Deposits are concave in profile. Drawing 2. Small amount of stone on NW side but not a huge concentration. |
| 036A | 3.2 | 0.5 | 2.1 | 036, 037, 038, 039 | [036] is an oval pit (3.5m E-W by 2.2 m N-S). Forming part of southern circuit of outer ditch. U-shaped in profile. Drawing 7 |
| 025 | 3.2 | 0.7 | 2.6 | 025, 026, 027, 028 | Sub-circular pit (2.8m NW-SE by 2.8 m NE-SW) forming part of southern part of outer ditch. U-shaped ditch profile. Deposits are concave. Drawing 5 |
| 091 | 1.6 | 0.5 | 1.0 | $\begin{aligned} & \hline 091,092,093,094, \\ & 095 \\ & \hline \end{aligned}$ | Oval pit (3m NW-SE by 1.1 NE-SW). V-shaped ditch profile. |
| 071 | 2.0 | 0.2 | 1.5 | 071, 072, 073 | Very shallow sub-rectangular pit (4m NW-SE by 1.8 m NE-SW). Flat base with shallow sloping sides. Drawing 15. |
| 076A | 1.0 | 0.3 | 1.5 | $\begin{aligned} & \hline 069,076,079,080, \\ & 081 \\ & \hline \end{aligned}$ | A sub-rectangular pit section ( 6.5 m NW-SE by 1.7 m NE-SW) forming part of the southwestern curvilinear section of ditch. Shallow, u-shaped ditch profile. |
| 076B | 5.0 | 0.2 | 1.4 | $\begin{aligned} & \hline 069,076,079,080, \\ & 081 \\ & \hline \end{aligned}$ | Gently sloping sided and a flat based sub-rectangular pit (as above). |
| 075 | 2.0 | 0.21 | 2.3 | $\begin{aligned} & \hline 074,075,088,089, \\ & 121 \\ & \hline \end{aligned}$ | Gently sloping sides with a flat base. Truncated by pipe cut [088]. |
|  |  |  |  |  | A sub-rectangular pit (7.8m NW-SE by 2 m NE-SW) forming part of the discontinuous outer circuit of ditch. |
| 055A | 0.8 | 0.5 | 1.6 | 055, 056, 057 | The ditch in profile had moderately steep sides and a flat base. A sub-rectangular pit ( 6.4 m N-S by 2.0 m E-W) forming part of the western outer ditch. Drawing 11 |
| 055B | 1.9 | 0.5 | 1.9 | 055, 056, 057 | As above. Drawing 12 |


| Section No. | Section Length (m) | Ditch <br> Depth <br> (m) | Ditch Width (m) | Contexts Present | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 050A | 4.4 | 0.6 | 2.3 | 050, 053, 054 | Brown/grey silty clay basal fill. Sub-rectangular pit (9m NE-SW by 2.2 m NW-SE) forming part of the north-western circuit of the outer ditch. Drawing 10. |
| 050B | 2.2 | 0.55 | 2.2 | $\begin{aligned} & 050,051,052,053, \\ & 054 \end{aligned}$ | U-shaped ditch profile. Brown/grey silty clay basal fill. [050] forms part of the north-western outer ditch circuit. |
| 082A | 1.0 | 0.55 | 1.95 | $\begin{aligned} & \text { 061, 066, 067, 068, } \\ & 082 \end{aligned}$ | Moderately steep sides with a flat base. No stones and typical grey clay basal fill with sandy clay overlying. Drawing 14 |
| 082B | 4.4 | 0.4 | 2.15 | $\begin{aligned} & 061,062,063,064, \\ & 065,082 \end{aligned}$ | Shallow sided and concave base. Deposits are concave in profile. Drawing 13 |
| 078A | 0.2 | 0.45 | 2.6 | 078, 097, 098, 099 | V-shaped but with a flat base in profile. The deposits are very slightly concave in profile. Both sections through [078] are extremely wide in comparison to deep. Drawing 23 |
| 078B | 1.0 | 0.3 | 2.3 | 058, 059, 078 | Extremely shallow sided with flat base. The eastern side of the ditch section [078] has slightly steeper sides. Only one major fill (059) - grey/orange sandy clay. Drawing 19 |
| 077 | 1.7 | 0.2 | 2.4 | 077, 158 | Very shallow ditch in profile with gently sloping sides and a flat base. Only one fill which is the same grey/orange clay basal fill. Drawing 18. |
| 021A | 3.1 | 1.05 | 4.3 | 021-024 | V-shaped ditch profile. Stony layer is (023). Mostly stone fill which is to be expected at section closest to terminus. However, it is the outer ditch. |
| 021B | 2.9 | 0.75 | 3.6 | 021, 128-137 | Shallow sloping sides with a concave base. Truncated by pipe cut [136]. Deposits are concave in profile. Very little in the way of stone fills. |
| (292)(021C) | 2.2 | 0.4 | 3.0 | 141-143, 292 | Shallow sloping sides with a concave base. Practically no stones in fills. Grey clay basal fill with sandy silt upper fill. Reflection of the profile of [292] although labelled [021]. |
| 291(021D) | 4.5 | 0.4 | 1.1 | 144-146, 291 | Very small section as its at terminus, or end of ditch. U-shaped ditch profile. Deposits are concave in profile. |
| 174A | 4.5 | 1.3 | 3.2 | 174, 199, 264 | V-shaped ditch profile with rounded, concave base. The deposits are concave. This section nearest northern terminus, therefore, there is a high concentration of stone in the upper fill (199) |
| 174B (N-facing) | 4.0 | 1.2 | 3.0 | $\begin{aligned} & 174,199,200,201, \\ & 202 \end{aligned}$ | V-shaped ditch profile with rounded base. The deposits are concave in profile. Large amount of stone upper fill (199). Drawing 49. |
| 174B (S-facing) | 4.0 | 0.95 | 2.7 | $\begin{aligned} & 174,203,204,205, \\ & 206 \end{aligned}$ | V-shaped ditch profile. As before, the upper fill (203) has a large number of large rocks inclusions. Drawing 50 |
| 174C (N-facing) | 4.0 | 1.0 | 3.0 | 174, 207, 208, 209 | V-shaped ditch profile. The deposits are concave. The upper fill (209) has high concentration of large, stone inclusions. Drawing 51 |
| 174C (S-facing) | 4.0 | 0.7 | 2.5 | 147, 189, 190, 191, | V-shaped ditch profile. The deposits are concave. Deposits partly truncated by clay pipe. Upper |


| Section No. | Section <br> Length (m) | Ditch <br> Depth <br> (m) | Ditch Width (m) | Contexts Present | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 296 | stone fill same as previously (brown, sand clay. Drawing 48. |
| 174D (N-facing) | 3.5 | 0.7 | 2.5 | 174, 175, 176 | V-shaped ditch profile with rounded, concave base. The deposits are concave. Eastern side of ditch has been truncated by modern field drain. Therefore, the ditch width may have been up to 3.0 m . (176) is the sandy, stony upper fill but (175) also contained a large amount of stone but was more clay. Drawing 46 |
| 174D (S-facing) | 3.5 | 0.8 | 3.7 | 174, 177-188, 297 | U-shaped ditch profile. The deposits are concave in profile. Modern field drain [177] runs through the middle of this part of the ditch. (187) and (188) are the stony fills. Drawing 47 |
| 174E NNWfacing) | 4.2 | 0.9 | 3.1 | 174, 298-304, | V-shaped ditch profile with rounded base. The deposits are concave in profile. The upper stone fills (have been truncated by a clay pipe cut [177]. |
| 174E (SE-facing) | 4.2 | 0.75 | 2.7 | $\begin{aligned} & 174,298,299,301, \\ & 303 \end{aligned}$ | V-shaped ditch profile. The deposits are concave in profile. |
| $\begin{aligned} & \text { 174F (NW- } \\ & \text { facing) } \end{aligned}$ | 3.5 | 0.9 | 3.2 | $\begin{aligned} & 174,193-198,211- \\ & 216 \end{aligned}$ | Drawing 52 |
| 174F (SE-facing) | 3.5 | 0.85 | 2.9 | 174, 217-222 | V-shaped ditch profile but with rounded, concave base. Deposits are concave in profile. Grey basal fill (220). Stony fill (221).Drawing 53 |
| $\begin{aligned} & \text { 174G (NW- } \\ & \text { facing) } \end{aligned}$ | 3.8 | 0.9 | 2.6 | 147, 249-254 | U-shaped ditch profile. The deposits are concave in profile. Stone fill is (250). |
| 174G (SE-facing) | 3.8 | 0.9 | 2.5 | 147, 249-254 | V-shaped ditch profile with rounded, concave base. |
| 174H (W-facing) | 5.0 | 0.9 | 2.7 | 174, 259-262 | V-shaped ditch profile. Deposits are concave in profile. Stone fill is (261). Drawing 61 |
| 174H (E-facing) | 5.0 | 0.9 | 2.9 | 174, 259-262 | Moderately steep sides with a flat base. The deposits are concave. Stone fill is the same as before (261). Basal fill is less clay and more sandy in this section. Drawing 60. |
| 235A | 4.2 | 1.0 | 2.4 | 235, 245-247 | V-shaped with a concave, rounded base. Deposits are concave in profile. The stony layer is (246). Drawing 54 |
| $\begin{aligned} & \text { 235B (SW- } \\ & \text { facing) } \end{aligned}$ | 4.0 | 1.25 | 2.6 | 235,278-281 | U-shaped ditch profile. The deposits are concave in profile. Stony fill is (278). Drawing 70 |
| 235B (NE-facing) | 4.0 | 1.3 | 3.5 | 235, 278-281 | V-shaped with a flat base in profile. The deposits are concave in profile. |
| $\begin{aligned} & \text { 235C (SW- } \\ & \text { facing) } \end{aligned}$ | 4.0 | 1.1 | 3.4 | $\begin{aligned} & 235,240,255,256, \\ & 257,258 \end{aligned}$ | Roughly u-shaped in profile. However, the northern ditch edge is approximately $45 \%$. The deposits are concave in profile. Stone fill is (256) but not such a great concentration of stone in the fill. Drawing 55 |
| 235C (NE-facing) | 4.0 | 1.1 | 3.1 | $\begin{aligned} & 235,240,255-256, \\ & 258 \end{aligned}$ | V-shaped ditch profile. The deposits are concave. The stony fill (254-255) is not as concentrated. Drawing 56 |
| 235D (SW- | 4.0 | 1.0 | 3.5 | 235, 236, 237, 238, | V-shaped ditch profile. Practically no stones in the upper fill. However, the upper fills have |


| Section No. | Section Length (m) | Ditch <br> Depth <br> (m) | Ditch Width (m) | Contexts Present | Comments |
| :---: | :---: | :---: | :---: | :---: | :---: |
| facing) |  |  |  | 239 | been severely truncated by pipe cut. Drawing 57 |
| 235D (NE- facing) | 4.0 | 0.9 | 3.0 | 235, 236, 240-243 | V-shaped ditch profile. Stony fill is (236). Drawing 58 |
| $235 \mathrm{E} \text { (SW- }$ facing) | 3.5 | 0.8 | 2.7 | $\begin{aligned} & 235,273,274,275, \\ & 276,276 \mathrm{a} \\ & \hline \end{aligned}$ | V-shaped ditch profile. Deposits are concave in profile. Drawing 68 |
| 235E (NE-facing) | 3.5 | 0.8 | 2.5 | $\begin{aligned} & 235,273,274,275, \\ & 276 \end{aligned}$ | Gently sloping sides with a flat base. Deposits are concave I profile. Very little in the way of stone visible in this section. Stony fill (276). Drawing 67. |
| 235F | 3.0 | 0.9 | 2.8 | $\begin{aligned} & 235,265,266,267, \\ & 268 \end{aligned}$ | V-shaped ditch profile. The deposits are very slightly concave. Upper sandy fill is missing (truncated?). The stony fill is (265). Drawing 66. No corresponding section because of terminus. |
| 060A | 3.0 | 0.9 | 2.8 | $\begin{aligned} & 060,269,270,271, \\ & 272 \end{aligned}$ | Gently sloping sides, u-shaped base. Deposits are concave in profile. Practically no stone fill. Drawing 65. |
| 060B (SSWfacing) | 3.0 | 0.8 | 2.85 | $\begin{aligned} & 060,282,283,284, \\ & 285,285 \mathrm{a} \end{aligned}$ | V-shaped ditch profile. Deposits are concave in profile. The stoney fill is (285a), however, there is very few rocks in this context. Similar to previous sections. Drawing 71 |
| 060B (NWfacing) | 3.0 | 0.75 | 2.5 | 060, 286-288 | V-shaped ditch profile. Deposits are concave in profile. Not drawn. No rock inclusions at all. Only grey/orange mottled clay |
| 060C | 3.0 | 0.75 | 2.5 | 060, 282-285a | U-shaped ditch profile. Deposits are concave in profile. Only one or two large rock inclusions in (288). Upper fills truncated by modern test trench. Drawing 72 |
| 100A | 2.6 | 0.4 | 2.1 | $\begin{aligned} & 100,101,102,103, \\ & 104 \end{aligned}$ | Shallow sided with a concave, rounded base. Deposits are roughly concave in profile. Mostly upper stony fill and lower mottled grey/orange silty clay. Drawing 24 |
| 100B | 5.5 | 0.35 |  |  | Drawing 25 - Profile only!!!! |
| 105 | 1.6 | 0.5 | 2.6 | 105, 106, 107, 108 | Drawing 31 |
| 110 (SE-facing | 2.3 | 0.6 | 2.5 | $\begin{aligned} & 110,116,117,11 \\ & 119,120,124 \end{aligned}$ | V-shaped ditch profile. Deposits are concave in profile. Truncated by modern clay pipe cut. Mostly grey basal fills left. Drawing 28. |
| 110 (NW-facing | 2.3 | 0.35 | 1.3 | 110, 122, 123 | U-shaped ditch profile. Deposits are concave in profile. Only two contexts for fills. Drawing 29. |
| 111A (SE-facing) | 6.5 | 0.75 | 2.3 | 111, 112, 126, 127 | V-shaped ditch profile. Deposits a slightly concave in profile. Large amount of clay basal fill (126). Small number of rocks within the orange/brown silty clay (127). Drawing 32 |
| 111A (W-facing) | 6.5 | 1.0 | 2.3 | 111, 112, 126, 127 | V-shaped with flat base ditch profile. Deposits are concave in profile. Large volume of stone in upper fill (127) and large amount of silting up with mottled orange/grey sandy clay. Drawing 33 |
| 111B | 5.5 | 1.2 | 3.2 | 111, 112, 126, 153, | (126) and (153) are the stony fills. Moderately sloping sides (45\%) with a flat base ditch |


| Section No. | Section <br> Length <br> $(\mathbf{m})$ | Ditch <br> Depth <br> $(\mathbf{m})$ | Ditch <br> Width <br> $(\mathbf{m})$ | Contexts Present | Comments |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 111C (E-facing) | 2.1 | 1.1 | 3.5 | $111,126,127,153$ | profile. Deposits are slightly concave. Drawing 40 <br> U-shaped ditch profile. The deposits are concave in profile. Large volume of stone mostly in <br> context (153) and a few in (126). (127) corresponds with the same grey clay fill observed in <br> 111B. Drawing 41 |
| 111 D | 4.6 | 1.0 | 3.2 | $111,139,140$ | U-shaped ditch profile. The deposits are concave in profile. Large volume of stone in upper fill <br> (140) and mottled sandy clay basal fill (139). Drawing 35 |
| 115 A | 1.7 | 1.0 | 3.4 | $115,171,170,114$, <br> 113 | Shallow sloping sides and a flat base. The deposits are very slightly concave in profile. Very <br> large volumes of stone in fill (113) and some in (114). In fact, it's difficult to see the difference <br> in contexts as a result. Drawing 36 |
| 115 B | 3.6 | 1.2 | 3.3 | $115,150,149,148$, <br> $169,163,161,162$, | Stony layer (149 \& 150). Quite a large amount of silting up prior to deposition of the stones. <br> Drawing 42 |
| 115 C | 2.1 | 1.2 | 3.7 | $115,147,148,149$, <br> $150,160,161,162$, <br> 168 | Not a very distinct stone fill layer but mostly in (149 \& 150) Drawing 39. |
|  | 5.0 | 1.2 | 3.5 | $172,223-234,263$ | Possible overcut on the inner side of the ditch. Stoney fills are 263, 234, 234, 232, 227. <br> Drawing 62 |








Fig. 8 - Outer ditch (001) looking towards terminal


Fig. 9 - Outer ditch (021) looking from terminal



Fig. 10 - possible posthole (166)



Fig. 11 - Aerial photograph of crop mark

| 11 |  | vision: A |  | ock AA, Winchburgh Masterplan, Beatlie Road, inchburgh: Archaeological Excavation |  | ARCHAEOLOGY LTD | CFA ARCHAEOLOGY LTD <br> The Old Engine House <br> Eskmills Park, Musselburgh <br> East Lothian, Eh21 7PQ <br> T: 01312734380 <br> F: 01312734381 <br> e: info@cfa-archaeology.co.uk <br> w: wWw.cfa-archaeology.co.uk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drawn by: KH | Checked: BG | $\begin{array}{\|l\|} \hline \text { Report No: } \\ 3098 \end{array}$ | Client: | Sigma Capital Group Ltd per Regenco Ltd |  |  |  |
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Fig. 12 - Stone within inner ditch from SW


Fig. 13 - Conjoining pits 294, 293, 010 and ditch 001 from SW

| Fig. No: $12-13$ |  | A |  | Winchburgh: Archaeological Excavation | CISTEPA | ARCHAEOLOGY LTD | CFA ARCHAEOLOGY LTD <br> The Old Engine House Eskmills Park, Musselburgh East Lothian, Eh21 7PQ <br> T: 01312734380 <br> F: 01312734381 <br> e: info@cfa-archaeology.co.uk <br> w: www.cfa-archaeology.co.uk |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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Fig. 14 - Aerial photo showing distribution of stone in inner ditch, copyright West Lothian Archaeological Trust

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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Fig. 15 - Aerial photo of enclosure post-excavation, copyright West Lothian Archaeological Trust

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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