ARCHAEOLOGICAL EVALUATION BY TRIAL TRENCHING:

LAND AT PEMBROKE FARM, BARWAY ROAD, BARWAY, ELY, CAMBRIDGESHIRE

Planning Reference: 17/00759/FUL NGR: TL 5446 7575 AAL Site Code: ELPF 17 CHER Event Number: ECB5166 OASIS Reference Number: allenarc1-292761



Report prepared for Graham Barber

By Allen Archaeology Limited Report Number AAL 2016148

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Executive Summary

- Allen Archaeology Limited was commissioned by Graham Barber to undertake an archaeological evaluation by trial trenching on land at Pembroke Farm, Barway Road, Barway, Ely, Cambridgeshire, as a condition of planning consent for creating an equestrian manege.
- There is significant evidence in the surrounding area for prehistoric, Roman and medieval activity. The site lies c.35m from the former 14th century parish church.
- A trenching strategy was agreed with Cambridgeshire County Council for one 20m long evaluation trench. The trench revealed a single ditch of late Saxon date, as well as several medieval ditches, a pond or palaeochannel also of a possible medieval date. A brick wall of a possible 16th century date and a 17th century ditch were also recorded.
- The evidence suggests activity likely to be occurring in an agricultural zone close to settlement throughout the Saxon, medieval and post-medieval periods, and indicates a high archaeological potential for the proposed development area. The archaeological horizon was generally occurring at c.0.5m below the current ground level.

1.0 Introduction

- 1.1 Allen Archaeology Limited was commissioned by Graham Barber to undertake an archaeological evaluation by trial trenching on land at Pembroke Farm, Barway Road, Barway, Ely, Cambridgeshire, as a condition of planning consent for an equestrian manege.
- 1.2 All fieldwork and reporting conforms to current national guidelines as set out in the Chartered Institute for Archaeologists 'Standard and guidance for archaeological field evaluation' (CIfA 2014), 'Management of Research Projects in the Historic Environment' (Historic England 2015), 'Research and Archaeology Revisited: a revised framework for the East of England' (Medlycott 2011), a brief provided by Cambridgeshire HET (Stewart 2017), and a specification prepared by this company (AAL 2017).
- 1.3 The site archive will be deposited within the County Archive Facility within 12 months of submission of this report.

2.0 Site Location and Description

- 2.1 Pembroke Farm lies in the settlement of Barway, a hamlet lying approximately 5.5km south of Ely and 6.5km northwest of Soham, in the administrative district of East Cambridgeshire. The proposed development area is approximately 25m by 35m and is centred on NGR TL 5446 7575. It currently consists of a grassed area bounded by mature trees and outbuildings (Figure 1).
- 2.2 The local geology comprises sedimentary bedrock belonging to the Ampthill Clay Formation, overlain by a superficial geology comprising bands of peat and shell marl (http://mapapps.bgs.ac.uk/geologyofbritain/home.html).

3.0 Planning Background

- 3.1 Planning permission was granted on 26th June 2017 for 'Building of an equestrian manege measuring 25m by 35m' (Planning Reference 17/00759/FUL). Permission was granted subject to conditions, including for the undertaking of a programme of archaeological work in accordance with a written scheme of investigation to be submitted by the applicant and approved by the local planning authority.
- 3.2 The written scheme of investigation was prepared in response to a design brief for archaeological evaluation from the Cambridgeshire Historic Environment Team (CHET) at Cambridgeshire County Council (AAL 2017; Stewart 2017). The results of this work are intended to inform the decision on the need, design and extent of any subsequent archaeological mitigation works that may be required in advance of development.
- 3.3 The approach adopted is consistent with the guidelines that are set out in the National Planning Policy Framework (NPPF) (Department for Communities and Local Government 2012).

4.0 Archaeological and Historical Background

4.1 The site lies in an area of high archaeological potential. Numerous findspots of prehistoric flint scatters are known from the local area (CHER Numbers 01785, 02092, 02100, 07013, 07015, 07016, 07017, 07693, 07696, 08303, 08310, 08383), whilst a Neolithic greenstone hammer was recovered from New Fordey Farm (HER No. 07010) c.360m to the southwest of the site, a

greenstone axe from Ver Linden (HER No. 08380), c.560m southwest of the site and a Neolithic Axe from c.80m southeast of this (HER No. 07045a). A chipped flint axe was also recovered nearby (HER No. 07438). A Bronze Age rapier (HER No. 06955) and spear (HER No. 06999) were found in the 1950s c.800m to the west of the site and c.650m southwest, respectively, and a Bronze Age socketed axe (HER No. 06959) was recovered from Barway Causeway, on the opposite bank to the rapier.

- 4.2 Barway Causeway itself (HER No. 06987) is believed to be a late Bronze Age construction and was partially exposed by agricultural work in the 1930s and subsequently investigated, recording preserved stakes, brushwood and Bronze Age artefacts (HER No 06988). A Bronze Age palstave has also been recovered from New Fordey Farm (HER No. 07002), c.530m to the southwest of the site, and another rapier fragment recovered from Eau Fen Farm (HER No. 07018) just under a kilometre to the north-northwest, while a Bronze Age knife and spear tip was found at Ver Linden (HER No. 08306, 08308), c.620m south of the site. Potential Bronze Age slag has also been recovered from Ver Linden (HER No. 08311). A prehistoric pottery scatter was found c.120m west of this (HER No. 07045c) and a possible long barrow (HER No. 11168) has been recorded c.760m southwest of the site, and a ring ditch of uncertain date is noted at Little Thetford (HER No. 10273).
- 4.3 A cropmark and associated finds from a Roman settlement have been previously identified to the southwest at the scheduled monument of Old Fordey Farm (HER No. 07045, DCB345), c.600m south of the site. Roman pottery findspots are also known from the wider area (HER No. 06970, 07001, 07012, 07049, 08381), while a purse mount and a group of Roman metal objects were recorded at Ver Linden (HER No. 08302, 08305). Another group of Roman coins was recorded c.750m to the northeast of the site (MCB16803).
- 4.4 Barway is not mentioned in the Domesday Book, with the nearest settlements at the time being LiteItetford (Little Thetford) just over 1km to the west on the other side of the Great Ouse. Little Thetford probably derives from the Old English for 'peoples ford' (Watts 2007), with the prefix 'little' added later to differentiate from the larger settlement in Norfolk. At the time of the Domesday Survey Little Thetford was owned by the Abbot of Ely and is noted only for its eel fisheries (Williams and Martin 2002).
- 4.5 The site lies within 35m of the disused 14th century church of St. Nicholas (HER No. 07108). A late medieval ring has been found nearby (HER No. 07045b), but no other medieval find spots have been recorded in the immediate area. Nearby on the other side of the River Ouse at Little Thetford, the remains of a church mound of at least 14th century date are known (HER No. 06954).
- 4.6 Pembroke Farm itself retains fragments of an 18th century estate, with the farmhouse incorporating elements of an 18th century building (HER No. 07014).

5.0 Methodology

- 5.1 The trial trenching entailed the excavation of one trench, measuring 20m long by 1.8m wide (Figure 2). The fieldwork was undertaken by a team of experienced field archaeologists on Friday 14th, Monday 17th and Tuesday 18th July 2017.
- 5.2 The trench was accurately located using a Leica GS08 RTK NetRover GPS. The topsoil, subsoil and underlying non-archaeological deposits were removed in spits no greater than 100mm thick using a JCB 3CX wheeled excavator fitted with a smooth ditching bucket. The process was

repeated until the first archaeologically significant or natural horizon was exposed, with all further excavation of archaeological deposits and features carried out by hand. Machine excavation was monitored at all times by an experienced field archaeologist.

- 5.3 A full written record of the archaeological deposits was made on standard AAL trench recording sheets and context recording sheets. Archaeological deposits were drawn at an appropriate scale, with Ordnance Datum heights being displayed on each class of drawing. Full colour photography formed an integral part of the recording strategy, with scales, an identification board and directional arrow included as appropriate.
- 5.4 Each deposit, layer or cut was allocated a three digit unique identifier (context number), and accorded a written description. A summary of these are included in Appendix 7. Three digit numbers within square brackets represent cut features (e.g. ditch [113]).
- 5.5 Artefacts collected during the fieldwork were bagged and labelled with the appropriate deposit context number. All finds were processed (cleaned, marked and labelled as appropriate) at the offices of AAL, prior to assessment by approved specialists. Unstratified artefacts from topsoil deposits were also retained for further assessment and the spoil was scanned visually and using a metal detector to enable comprehensive artefact recovery. No artefacts were identified during this scanning.

6.0 Aims and Objectives

- 6.1 The objective of this evaluation is to gather sufficient information for the CHET at Cambridgeshire County Council to be able to formulate a policy for the management of the archaeological resource. This report aims to determine, the location, extent, date, character, condition, significance and quality of the surviving archaeological remains that are liable to be threatened by the proposed development.
- 6.2 This report considers the potential of the results of the trenching for understanding the environmental setting, economic and dietary behaviour, artefact retrieval, characterisation and dating in order to characterise the nature of the site and help in developing future mitigation strategies.

7.0 Results

7.1 The earliest deposit encountered was the natural geology of compact, mid yellowish orange clay, 103. This was overlain by 102, a friable, mid brownish grey sandy silt subsoil, 102, 0.21m thick. The subsoil was sealed by 101, a mixed layer of topsoil with occasional rubble, 0.23m thick, which in turn was sealed by topsoil, 100, 0.33m thick (Plate 1).



Plate 1: Northeast-facing representative section, scales 1m and 0.5m

7.2 At the southeast end of the trench and sealed by 100 was a narrow brick wall, 107, two courses high and 0.23m wide. The construction cut for the wall [106] was 0.26m wide and 0.22m deep, and cut through the subsoil 102. It was backfilled by 112, a loose mid greyish brown silty sand. A sample brick from the wall was of 16th century date. Below the wall was a narrow undated gully [104]. Aligned roughly northeast to southwest, the gully was 0.82m wide and 0.32m deep and was filled by a firm dark greyish brown clayey silt, 105 (Plate 2).



Plate 2: Southwest-facing section of gully [104] and wall 107, scales 1m and 0.5m

7.3 Approximately 3.5m to the northwest of gully [104], and running roughly parallel with it, was an elongated pit or ditch terminus [108] (Plate 3). This was 1.66m wide and 0.26m deep, and contained a loose dark brownish grey clayey silt fill, 109. Four sherds of medieval coarseware were recovered from this fill, dating to the 13th to 14th century, as well as sixteen fragments of animal bone. The feature truncated a probable posthole [110] which was 0.20m in diameter and 0.5m deep.



Plate 3: East-facing section of ditch terminus [108], scale 1m

7.4 Immediately to the north of [108] was a roughly east to west aligned ditch [113]. This was 2.82m wide and 0.60m deep. The primary fill was a black silt, 114, 0.05m thick, and a soil sample from the deposit contained a moderate quantity of weed seeds and charred cereal grains. Sealing this was a loose mid greyish brown clayey silt fill, 115, 0.27m thick, from which four sherds of medieval pottery was recovered. Above 115 was a sequence of further fills, comprising loose very dark greyish brown silty clay 116, 0.15m thick, which also contained a large amount of charcoal, a silty sand, 117, and clayey silt, 118, none of which produced any dating evidence (Plate 4).



Plate 4: Southwest-facing section of ditch [113], scales 2m and 1m

- 7.5 Approximately 2m to the northwest of ditch [113] was a roughly north to south aligned ditch [133], 1.91m wide and 0.40m deep. This was filled with a firm dark grey silty clay, 134 (Plate 5). One sherd of Roman pottery recovered from this fill is likely to be residual as 38 sherds of late Saxon pottery were also recovered. Eight fragments of animal bone were also present. A soil sample from the deposit contained very little in the way of charred cereal grains but did produce a moderate quantity of fish scales.
- 7.6 At the northwest end of the trench was a group of three intercutting ditches; [119], [123] and [126]. Ditch [119] was aligned east to west and was 1.66m wide and 0.66m deep. It contained three silty clay fills; 120, 121 and 122. Ten sherds of 14th century pottery were recovered from 121. A soil sample from this deposit contained a small assemblage of charred cereal grains and weed seeds and a moderate quantity of charcoal.



Plate 5: North-facing section of [133], scales 1m and 0.3m

7.7 Feature [126] extended beyond the limit of excavation and is likely to be a palaeochannel or pond (Plate 6). It was too deep to excavate fully within the confines of the trench and as such the primary fill was identified by auger. It comprised a very dark greyish brown peat, 127, 0.4m thick. Above this was a sequence of silty clays: 127, 128=129, 130, 131 and 132. One sherd of 13th to 14th century pottery was recovered from fill 130. A soil sample was taken from fill 132, producing rare charred cereal grains, a moderate quantity of weed seeds and occasional charcoal.



Plate 6: Northeast-facing section of ditches [119], [123] and [126], scale is 1 x 2m

7.8 Post-dating and cutting through the fills of ditch [119], ditch [123] was 2.62m wide and 0.62m deep (Plate 6). This was filled by silty clays 124 and 125. One sherd of residual middle Saxon pottery was recovered from this feature, with post-medieval ceramic building material suggesting a likely 17th century date. Eleven fragments of animal bone were also recovered.

8.0 Discussion and Conclusions

- 8.1 The trial trenching revealed a complex of features ranging in date from late Saxon to postmedieval. For the most part, these features represented probable agricultural boundary or drainage features, although feature [126] at the northwest end of the trench contained a primary deposit of organic peat, and may have been a natural channel or pond.
- 8.2 The earliest securely dated feature was ditch [133], which produced an assemblage of late Saxon pottery, including 34 sherds from one vessel. This suggests deliberate dumping of domestic waste into the ditch, and indicates the potential for settlement activity in the immediate vicinity of the site. A large quantity of fish scales from this deposit further suggests discrete episodes of dumping of domestic waste, and that fishing and the preparation of fish was taking place in the vicinity, although there was a no evidence of associated structural features within the trench which would confirm settlement activity within the site boundaries. A single, residual, Roman sherd was also recovered from this deposit and is consistent with the known Roman activity in the wider area.
- 8.3 Further ditches produced small assemblages of medieval pottery, generally ranging from 13th to 15th century in date. The finds quantities were generally lower than the volume of Saxon material from ditch [133], and together with the environmental evidence, suggests that these are agricultural boundaries, with domestic hearth waste being incorporated as scattered refuse and manuring, rather than direct dumping into features.
- 8.4 However, a high proportion of charred cereal grains and crop processing waste from ditch [113], suggests some deliberate dumping into these ditches. Weed seeds indicated the presence of cultivated land nearby, with some species indicative of damp grassland.

8.5 Later activity was represented by a small section of 16th century wall of uncertain function at the southwest end of the trench and a, possibly 17th century, ditch cutting the earlier infilled pond or palaeochannel. Clay tobacco pipe from layer 101 is also consistent with 17th to 18th century activity on the site and the recorded date of the historic elements of the adjacent farm.

9.0 Conclusions

- 9.1 The excavation of the trial trench revealed archaeological features dating from the Anglo-Saxon to post-medieval periods, consistent with the position of the site in relation to the historic core of Barway and the known 18th century farmstead.
- 9.2 The majority of the features recorded are likely to represent drainage ditches or boundary features and it is likely that, should the development proceed, groundworks would expose features and deposits of a similar nature.
- 9.3 With the exception of the brick wall, the archaeological horizon was encountered at a depth of c.0.5m below the existing ground surface, and as such it may be possible to preserve the archaeological resource in situ if a suitably shallow design can be established for the proposed manege.

10.0 Effectiveness of Methodology

10.1 The trial trenching methodology employed was suited to the scale and nature of the proposed development area and has indicated a high archaeological potential for the site.

11.0 Acknowledgements

11.1 Allen Archaeology Limited would like to thank Graham Barber for this commission and Cambridgeshire County Council's Historic Environment Team for their advice during the project works.

12.0 References

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Appendix 1: Pottery and ceramic building material

By Sue Anderson

Pottery

Introduction

Seventy-two sherds (1959g) of pottery were collected from seven contexts during the evaluation. A summary catalogue is included in Table 1.

Methodology

Quantification was carried out using sherd count, weight and estimated vessel equivalent (eve). The minimum number of vessels (MNV) within each context was also recorded, but cross-fitting was not attempted unless particularly distinctive vessels were observed in more than one context. Methods follow MPRG recommendations (MPRG 2001) and form terminology follows MPRG classifications (1998). Late Saxon to late medieval wares were identified based on Spoerry (2016); earlier and later fabrics are based on the author's fabric series. The data were input directly onto an MS Access database, which forms the archive catalogue.

Results

Table 1 provides a summary quantification by fabric.

| Description | Fabric | Date range | No | Wt/g | Eve | MNV |
|---|--------|---|----|------|------|-----|
| Roman greyware micaceous | RBGM | Roman | 1 | 3 | | 1 |
| Sandy Ipswich ware | SIPS | 720-850 | 1 | 27 | | 1 |
| Thetford-type wares | THET | 840-1150 | 35 | 1438 | | 2 |
| St Neots-type ware | NEOT | 875-1100 | 3 | 17 | | 2 |
| Early Medieval wares | EMW | 11 th –12 th c. | 1 | 3 | | 1 |
| Medieval Ely ware | MEL | 1150-1350 | 24 | 323 | 0.34 | 19 |
| SE Fenland Late Medieval Calcareous Buff ware | SEFEN | 1150-1450 | 1 | 9 | | 1 |
| Bourne A/B ware | BOUA | 1150-1400 | 1 | 21 | | 1 |
| Bourne D ware | BOND | 1430-1650 | 1 | 11 | | 1 |
| Glazed Red Earthenware | GRE | 1600-1800 | 3 | 94 | 0.28 | 3 |
| Westerwald stoneware | GSW5 | L.17 th –19 th c. | 1 | 13 | 0.20 | 1 |
| Totals | | | 72 | 1959 | 0.82 | 33 |

Table 1: Pottery quantification by fabric

A single body sherd of Roman greyware in a soft, fine, slightly micaceous fabric was recovered as a residual find in ditch fill 134.

A body sherd of middle Saxon Ipswich ware with traces of sooting on the internal surface was found in ditch fill 124, in association with post-medieval building material (see below).

All pottery of late Saxon date, 38 sherds representing four vessels, was recovered from ditch fill 134. It comprised three body fragments of two St. Neots-type ware vessels, a thick body sherd of a Thetford-type ware large storage vessel, and 34 body sherds of a large storage vessel with a lattice of applied strips (cf. Dallas 1984, fig. 169, type 'AG'). The Thetford-type wares are in a very fine sandy fabric with occasional burnt-out organic inclusions. The single body sherd is grey with red margins and black surfaces and is heavily pock-marked internally. The group of sherds from the AG-type vessel are in a similar fabric but are harder and fully reduced. Both vessels would fit within the range of pottery made in Thetford itself, although neither is typical in terms of the fabric.

The early medieval period was represented by a body sherd of sandy early medieval ware of Norfolk type, found in ditch fill 121. This handmade vessel could equally be contemporary with the late Saxon or the high medieval groups.

Coarsewares of medieval date comprised mainly Ely wares with one sherd of SE Fenland ware, recovered from ditch fills 109, 115, 121 and 130. Several rim sherds of Ely ware were present, all of which can be paralleled in the Ely ware corpus, and comprising three bowls (cf. Spoerry 2008, figs 17.79, 18.81, 18.86), a jar (ibid fig. 15.65), and a green-glazed jug (cf. Spoerry 2016, HM111 rim). One bowl rim was pierced and another was decorated with an incised wavy line, whilst the third had an applied thumbed strip externally below the rim. It is possible that this latter was part of a curfew rather than a bowl. A base fragment of Bourne A/B ware from ditch fill 121 was glazed internally and is likely to be a late product of this industry.

A body fragment of Bourne D ware was found in ditch fill 115, and was the only late medieval sherd in the assemblage.

The post-medieval period is represented by several fragments of post-medieval redwares (GRE), and a fragment of Westerwald stoneware, all from subsoil 101. The GRE includes two jug rims, one of which is similar to a product of the Ely Broad Street kilns (cf. Cessford *et al.* 2006, fig. 40.3), the other being a flared type with slight rilling on the external surface. The Westerwald sherd is a rim fragment from a tankard.

Pottery by context

Table 2 provides a summary list by context with spotdates. The full catalogue is available as an Access database in the archive.

| Cut | Context | Туре | Fabrics | Date range |
|-----|---------|---------|--------------------|---------------------------------------|
| - | 101 | Subsoil | GRE GSW4 | L.17 th c.+ |
| 108 | 109 | Ditch | MEL | 13 th –14 th c. |
| 113 | 115 | Ditch | MEL BOND | 15 th c. |
| 119 | 121 | Ditch | EMW MEL SEFEN BOUA | 14 th c. |
| 123 | 124 | Ditch | SIPS | 8 th -9 th c.* |
| 126 | 130 | Ditch | MEL | 13 th –14 th c. |
| 133 | 134 | Ditch | RBGM THET NEOT | 10 th -11 th c. |

Table 2: Pottery by context (* includes later CBM)

The largest groups of pottery were recovered from ditches [119] and [133]. Several features appear to be of late Saxon or high medieval date.

Discussion

One sherd of pottery of Roman date adds to the scatter of Roman pottery found elsewhere in the parish.

Of most importance in this small group are the sherd of middle Saxon Ipswich ware and the group of Late Saxon material, both periods previously unrepresented in the archaeology of the village. Ipswich ware is relatively common in Ely (Spoerry 2016), and it is likely that the sherd would have reached this fen edge site via the town. Occasional sherds have been found on other rural fenland sites in the vicinity, such as Wilburton and Fordham (Blinkhorn 2012, table 26), and it is suggested that distribution was via the Great Ouse (ibid, 74–5). Thetford wares are the most common Late Saxon type in Ely, with St. Neots ware arriving later in the town (Spoerry 2016, 33).

The range of medieval and later fabrics identified in the assemblage is typical of the area, with Ely ware being particularly common, as would be expected. However the presence of only a single sherd

of SEFEN is surprising as this is thought to have been made in the Soham area (Spoerry 2016), only a little further away from Barway than Ely. Later medieval wares were sourced from Lincolnshire, but again probably arrived at the site via Ely, whilst the post-medieval redwares were likely to be of Ely origin. A single sherd of German stoneware of post-medieval date ay indicate a degree of status in the post-medieval period.

Statement of potential and recommendations

This material has been fully recorded and no further work is required. The sherds should be retained as part of the archive.

Ceramic Building Material (CBM)

Seventeen fragments (2088g) of CBM were collected from four contexts. Table 3 provides a summary of the types present, and a catalogue is included as Table 5.

| Туре | Form | Code | No | Wt (g) |
|---------|---|------|----|--------|
| Roofing | Plain roof tile: medieval/late medieval | RTM | 14 | 489 |
| | Plain roof tile: late med/post-medieval | RTP | 1 | 101 |
| | Pantile | PAN | 1 | 11 |
| Walling | Later brick | LB | 1 | 1487 |
| Totals | | | 17 | 2088 |

Table 3: CBM form quantities

The majority of fragments were pieces of roof tile. Most of these had reduced cores and/or surfaces and were likely to be of medieval or late medieval date. They were in fine silty/sandy and estuarine clay fabrics with voids caused by loss of calcareous inclusions. One fragment in a medium sandy fabric was fully oxidised (RTP), but another piece in the same fabric had a reduced core (RTM) and both could be later medieval. The largest group was recovered from ditch fill 121, which also contained later medieval pottery, whilst fragments from ditch fill 121 were found in association with 13th-14th century Ely ware.

A single fragment of pantile with sooting on the edge was recovered from ditch fill 124, suggesting a 17th century or later date for this fill.

An incomplete brick was recovered as a sample from masonry [107]. The fragment is in a fine sandy red-firing fabric with occasional flint inclusions and was handmade. It measures 110mm wide and 51mm thick. A 16th century date is likely.

Statement of potential and recommendations

This material has been fully recorded and no further work is required. The fragments should be retained as part of the archive.

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| Context | Fabric | Туре | No | Wt/g | MNV | Form | Rim | Handle | Base | Parallel | Notes | Spot date |
|---------|--------|------|----|------|-----|------|-------|--------|------|---------------------------------------|---|-----------|
| 101 | GRE | RH | 1 | 65 | 1 | JG | FLAR | WS | | EAA114 fig 40.3 | | 16-18 |
| 101 | GRE | D | 1 | 12 | 1 | | | | | | | 16-18 |
| 101 | GRE | R | 1 | 17 | 1 | JG? | UPPL | | | | | 16-18 |
| 101 | GSW5 | R | 1 | 13 | 1 | тк | UPPL | | | | | L.17-19 |
| 109 | MEL | В | 1 | 9 | 1 | | | | S | | | 12-14 |
| 109 | MEL | U | 2 | 7 | 1 | | | | | | | 12-14 |
| 109 | MEL | В | 1 | 21 | 1 | | | | S | | | 12-14 |
| 115 | MEL | U | 1 | 30 | 1 | | | | | | rounded vessel | 12-14 |
| 115 | MEL | U | 2 | 14 | 2 | | | | | | | 12-14 |
| 115 | BOND | U | 1 | 11 | 1 | | | | | | | 15-16 |
| 121 | MEL | UB | 2 | 40 | 1 | | | | | | handmade | 12-13 |
| 121 | MEL | U | 3 | 9 | 1 | | | | | | thin | 12-14 |
| 121 | MEL | U | 3 | 18 | 3 | | | | | | | 12-14 |
| 121 | MEL | U | 1 | 10 | 1 | | | | | | v sparse calc | 13-14 |
| 121 | MEL | R | 1 | 10 | 1 | JR | BIFID | | | rim as EAA122, fig 15.65 | | 12-14 |
| 121 | MEL | R | 1 | 46 | 1 | BL | BD | | | rim as EAA122, fig 17.79 | pierced rim | 12-14 |
| 121 | MEL | R | 1 | 6 | 1 | JG | TRBD | | | | | 12-14 |
| 121 | MEL | В | 1 | 19 | 1 | | | | S | | glaze not fully fused, fine, poss LMEL | 13-15? |
| 121 | MEL | D | 2 | 14 | 1 | | | | | | glaze not fully fused, fine, poss LMEL | 13-15? |
| 121 | EMW | U | 1 | 3 | 1 | | | | | | poss Blackborough End | 11-13 |
| 121 | SEFEN | U | 1 | 9 | 1 | | | | | | | 12-15 |
| 121 | BOUA | В | 1 | 21 | 1 | | | | S | | | 12-14 |
| 121 | MEL | R | 1 | 57 | 1 | BL | FTTH | | | Rim sim to EAA122 fig. 18.81. Bowl D? | poss curfew? | 13-14? |
| 124 | SIPS | U | 1 | 27 | 1 | | | | | | | 8-9 |
| 130 | MEL | R | 1 | 13 | 1 | BL | FTEV | | | rim as EAA122, fig 18.86? | inner edge lost | 13-14 |
| 134 | RBGM | U | 1 | 3 | 1 | | | | | | | Rom |
| 134 | THET | U | 1 | 46 | 1 | | | | | | thick, vfs, occ burnt-out org, pale grey core, orange margins, black | L.9-11 |
| | | | | | | | | | | | surfaces | |
| 134 | THET | D | 34 | 1392 | 1 | AG | | | | | vfs, occ burnt-out org, pale grey | L.9-11 |
| 134 | NEOT | U | 3 | 17 | 2 | | | | | | | 10-11 |

Table 4: Pottery

| context | fabric | form | no | wt/g | abr | length | width | height | peg | mortar | glaze | comments | date |
|---------|--------|------|----|------|-----|--------|-------|--------|-------|-----------------|-------|--|-----------|
| 107 | fsf | LB | 1 | 1487 | | | 110 | 51 | | ms buff patches | | strike marks on surface | 16-18 |
| 124 | fsg | PAN | 1 | 11 | | | | | | | | sooted | pmed |
| 121 | fsc | RTM | 1 | 74 | | | | | | | | buff with red margins and grey core, fine calc | med |
| 121 | est | RTM | 8 | 49 | | | | | | | | =1 tile, yellow with grey/purple core | med |
| 121 | est | RTM | 1 | 117 | + | | | | | | | grey with red surface | med |
| 130 | ms | RTM | 1 | 40 | | | | | | | | red with reduced core | med/Imed |
| 130 | fsc | RTM | 1 | 149 | | | | | | | | buff with red core, sparse calc | med |
| 130 | fsc | RTM | 2 | 49 | | | | | 1 x R | | | reduced core, moderate calc/voids | med |
| 121 | ms | RTP | 1 | 101 | + | | | | | thin | | fully oxid, but could be med | Imed/pmed |

Fabrics: est - estuarine clays; fsc - fine sandy with calcareous inclusions; fsf - fine sandy with flint; fsg - fine sandy with grog; ms - medium sandy.

Table 5: Ceramic building material

Appendix 2: Animal Bone

By J Wood

Introduction

Thirty-five refitted fragments of animal bone (911g) were recovered by hand during a program of archaeological works undertaken by Allen Archaeology Ltd on land at Pembroke Farm, Barway Road, Barway, Ely, Cambridgeshire. The remains were recovered from ditch terminus [108], ditch [123] and ditch [133]. No dating evidence was available at the time of assessment.

Methodology

For the purposes of this assessment the entire assemblage has been fully recorded into a database archive. Identification of the bone was undertaken with access to a reference collection and published guides. All animal remains were counted and weighed, and where possible identified to species, element, side and zone (Serjeantson 1996). Also fusion data, butchery marks (Binford 1981), gnawing, burning and pathological changes were noted when present. Ribs and vertebrae were only recorded to species when they were substantially complete and could accurately be identified. Undiagnostic bones were recorded as micro (rodent size), small (rabbit size), medium (sheep size) or large (cattle size). The separation of sheep and goat bones was done using the criteria of Boessneck (1969) and Prummel and Frisch (1986) in addition to the use of the reference material. Where distinctions could not be made the bone was recorded as sheep/goat (S/G).

The condition of the bone was graded using the criteria stipulated by Lyman (1996). Grade 0 being the best preserved bone and grade 5 indicating that the bone had suffered such structural and attritional damage as to make it unrecognisable.

The quantification of species was carried out using the total fragment count, in which the total number of fragments of bone and teeth was calculated for each taxon. Where fresh breaks were noted, fragments were refitted and counted as one.

Tooth eruption and wear stages were measured using a combination of Halstead (1985), Grant (1982) and Levine (1982), and fusion data was analysed according to Silver (1969). Measurements of adult, that is, fully fused bones were taken according to the methods of von den Driesch (1976), with asterisked (*) measurements indicating bones that were reconstructed or had slight abrasion of the surface.

Results

The overall condition of the bone was moderate to good, averaging between grades 2 and 3 on the Lyman criteria (1996).

Four fragments of bone recovered from across all three deposits, displayed evidence of butchery. The cut mark evidence appears to be consistent with disarticulation of the carcass and meat removal.

Carnivore gnawing was noted on a single fragment of juvenile cattle humerus recovered from ditch terminus [108]. The lack of gnawing on the rest of the remains may suggest that the assemblage was rapidly buried after disposal limiting access to scavengers.

Species Representation

Table 6 summarises the number of fragments of bone identified to species or taxon from each context.

| Context | Cut | Taxon | Element | Side | Number | Weight (g) | Comments | | |
|---------|-----|----------------------|-------------|------|--------|------------|--|--|--|
| 109 | 108 | Sheep/Goat | Mandible | L | 1 | 5 | Body fragment | | |
| | | Sheep | Metatarsal | R | 1 | 26 | Gl=137mm, Bp=20mm, SD=11mm, Dd=11mm, Bd=23mm | | |
| | | Large Mammal Size | Rib | Х | 2 | 27 | Blade fragments | | |
| | | Large Mammal Size | Long Bone | Х | 2 | 13 | Shaft fragments | | |
| | | Large Mammal Size | Scapula | Х | 1 | 21 | Blade fragment | | |
| | | Pig | Tibia | L | 1 | 25 | Diaphysis, sawn through the distal shaft | | |
| | | Pig | Scapula | R | 1 | 5 | Glenoid and partial blade, unfused | | |
| | | Sheep/Goat | Metacarpal | R | 1 | 10 | Proximal end, Bp=22 | | |
| | | Cattle | Scapula | L | 1 | 35 | Neck and blade fragment | | |
| | | Cattle | Humerus | R | 1 | 24 | Juv, diaphysis. carnivore gnawing on the distal end | | |
| | | Pig | Humerus | L | 1 | 22 | Midshaft | | |
| | | Large Mammal Size | Thoracic | В | 1 | 14 | Spinous process, chopped and snapped through the process | | |
| | | Sheep/Goat | Femur | L | 1 | 12 | Distal condyles, unfused | | |
| | | Dog | Mandible | L | 1 | 14 | Small breed | | |
| 124 | 123 | Medium Mammal Size | Thoracic | В | 1 | 16 | Unfused | | |
| | | Large Mammal Size | Lumbar | R | 1 | 3 | Neural arch | | |
| | | Large Mammal Size | Rib | Х | 4 | 25 | | | |
| | | Equid (Horse Family) | Phalanx I | L | 1 | 10 | Proximal phalanx, unfused | | |
| | | Equid (Horse Family) | Metapodial | L | 1 | 22 | Distal shaft, unfused | | |
| | | Equid (Horse Family) | Phalanx III | R | 1 | 30 | GL=58mm, GB=78mm, LF=23mm, BF=43mm, Ld=49mm, HP=32mm | | |
| | | Equid (Horse Family) | Phalanx I | R | 1 | 55 | GL=78mm, BF=48mm, BFp=44, Dp= 34mm, SD=29mm, Bd=40mm, Bfd=38mm | | |
| | | Equid (Horse Family) | Metatarsal | R | 1 | 200 | Diapysis and proximal articulation. Bp=46mm, Dp=36m,SD=27mm, | | |
| 134 | 133 | Medium Mammal Size | Cervical | В | 1 | 9 | Unfused | | |
| | | Medium Mammal Size | Thoracic | В | 1 | 20 | Unfused | | |
| | | Medium Mammal Size | Lumbar | В | 1 | 12 | Unfused | | |
| | | Large Mammal Size | Rib | Х | 1 | 61 | Blade, single knife cut on the visceral surface | | |
| | | Sheep/Goat? | Humerus | L | 1 | 9 | Distal shaft. Chopped through distal end | | |
| | | Pig | Tooth | R | 1 | 3 | Lower incisor | | |
| | | Medium Mammal Size | Long Bone | Х | 1 | 4 | Shaft | | |
| | | Cattle | Scapula | L | 1 | 179 | Some blade missing. SLC=44mm, GLP=61, LG=53mm, BG=43mm | | |

Table 6: Taxon summary, by context

Equid (horse family) remains are represented in very slightly higher numbers than sheep/goat and pig. A smaller number of cattle remains and a single fragment of dog were also identified. The remaining majority of fragments unidentifiable beyond size category. The presence of young unfused *equid* remains in ditch [123], may suggest that there was breeding taking place on site.

Discussion of Potential

The assemblage is too small to provide detailed data on the dietary economy, animal utilisation or husbandry practices taking place on site save the presence of the identified taxa utilised on site.

Significance of the Data

Due to the nature of the assemblage and the lack of period specific context, the significance of the assemblage is limited and no further work is recommended.

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Appendix 3: Charred plant remains and wood charcoal

By Ellen Simmons (with Matt Law)

Introduction

Four bulk sieving (BS) soil samples, comprising a total of 100 litres of soil, were taken from a series of ditch fills during archaeological excavations on land at Pembroke Farm, Barway Road, Ely, Cambridgeshire. Pottery from the site dates to the late Saxon and medieval periods. The soil samples were processed for the recovery of charred plant remains and wood charcoal and assessed in order to determine the concentration, diversity, state of preservation and suitability for use in radiocarbon dating, of any archaeobotanical material present. A further aim of this assessment was to evaluate the potential of any archaeobotanical material present to provide evidence for the function of the contexts, the economy of the site or for the nature of the local environment.

Methodology

The soil samples were processed by Bryn Leadbetter of Allen Archaeology, for the recovery of charred plant remains and wood charcoal using a water separation machine. Floating material was collected in a 300µm mesh, and the remaining heavy residue retained in a 1mm mesh. The flots and heavy residues were air dried. The greater than 4mm fraction of the heavy residues were fully sorted for organic remains and artefacts and then discarded. Where no potential for the recovery of organic remains such as fish bone or Mollusca, or artefacts such as beads less than 4mm in size was noted, the less than 4mm fraction of the heavy residue was then also discarded.

The samples were assessed in accordance with English Heritage guidelines for environmental archaeology assessments (Jones 2011). A preliminary assessment of the samples was made by scanning using a stereo-binocular microscope (x10 - x65) and recording the abundance of the main classes of material present. Identification of plant material was carried out by comparison with material in the author's own reference collection and various reference works (e.g. Cappers *et al.* 2006). Cereal identifications and nomenclature follow Jacomet (2006). Other plant nomenclature follows Stace (2010). The composition of the samples is recorded below in Table 7.

Results

Preservation

Low to moderate proportions of 30–50% intrusive roots were present in ditch fill 114, 134 and 132. A high proportion of 80% intrusive roots was present in ditch fill 134 which indicates an increased likelihood that any charred material present in this context may be intrusive.

The preservation of charred cereal grains was variable, with some grains being well preserved and retaining epidermis, while other grains lacked epidermis, exhibited puffing and distortion and were identifiable by gross morphology only. Wood charcoal fragments were generally well preserved, with minimal evidence for vitrification or mineralisation.

Charred plant remains

Low to moderate concentrations of charred cereal grains and wild or weed plant seeds were present in all four sampled contexts. Free threshing wheat grains (*Triticum nudum*) and hulled barley grains (*Hordeum* sp.) were the most frequent crop types represented. Barley rachis nodes were also present in ditch fill 114 along with a relatively high concentration of whole and fragmented cereal straw (culm) nodes. Free threshing wheat rachis nodes, oat grains (*Avena* sp.) and an indeterminate large seeded legume were present in medieval ditch fill 121. The wild or weed plant seed assemblage included taxa commonly associated with fertile disturbed soils and cultivation such as black mustard (*Brassica nigra*), oak -leaved/red goosefoot (*Chenopodium glaucum/rubrum*), fat hen (*Chenopodium album*), chickweed (*Stellaria media*) and stinking mayweed (*Anthemis cotula*). Taxa which are commonly associated with both grassland and cultivated fields but are frequently occurring taxa in archaeobotanical charred plant remains assemblages included vetches/wild peas (*Vicia spp./Lathyrus spp.*), medicks/clovers (*Medicago spp./Trifolium spp.*) and small seeded grasses (<2mm Poaceae). Taxa commonly associated with damp soils were also present including spike rush (*Eleocharis palustrius/uniglumis*), great fen sedge (*Cladium mariscus*) and many of the species of sedges (*Carex spp.*) potentially represented.

Wood charcoal

Moderate concentrations of over fifty wood charcoal fragments greater than 2mm in size were present in late Saxon ditch fill 134 and medieval ditch fill 121. Preliminary examination of the wood charcoal fragments using low power microscopy indicated that the assemblage present in late Saxon ditch fill 134 was primarily composed of ring porous taxa, much of which was morphologically similar to oak (*Quercus* sp.). The wood charcoal assemblage present in medieval ditch fill 121 was composed of both diffuse porous and ring porous taxa. Ring porous taxa which are frequently represented in archaeological charcoal assemblages include oak (*Quercus* sp.), ash (*Fraxinus* sp.) and elm (*Ulmus* sp.). Frequently represented diffuse porous taxa include hawthorn/apple/pear/rowan family (Pomoideae), willow/poplar (*Populus/Salix*), birch (*Betula* sp.), alder (*Alnus glutinosa*), hazel (*Corylus avellana*), field maple (*Acer campestre*), blackthorn (*Prunus spinosa*) and cherry (*Prunus padus/avium*). Identification of a representative sample of the wood charcoal assemblage using high power microscopy would however be necessary in order to confirm which taxa are present.

Mollusca

Low to moderate concentrations of land snail shells (Mollusca) were present in ditch fills 134, 121 and 132.

Radiocarbon dating

Charred material suitable for radiocarbon dating was present in all four of the sampled contexts, in the form of well-preserved charred cereal grain.

Fish Scale

By Matt Law

A rich assemblage of over 500 hundred fish scale fragments was present in late Saxon ditch fill 134. These are highly fragmentary, with no complete examples, however they all appear to be cycloid scales, a type of overlapping scale typically found on bony fish with soft fin rays rather than fish with hard fin rays such as perch. The scales have numerous close circuli (growth lines) and some fragments show faint radii (grooves which radiate from the focus of the scale towards the margin). Radii are not found on scales of the Salmonidae (a family which includes salmon, trout and grayling). The scales may be from a member or members of the Cyprinidae, a family of freshwater fishes which includes carp, minnow, chubs and bream. The level of fragmentation, and absence of fish bone in the sample, is consistent with descaling of a catch with a lithic or metal implement prior to preparation elsewhere, and is evidence of fishing close to the sampled context.

| 133 2 ditch 10 th -11 th century 30 100 40 - - + - + | 119 3 ditch 14 th century 30 80 80 80 - - - - - + + - + + | 126 4 ditch 30 80 50 50 - |
|--|---|--|
| ditch 10 th -11 th century 30 100 40 - - | ditch 14 th century 30 80 80 - | ditch 30 80 50 50 |
| 10 th -11 th century 30 100 40 - | 14 th century 30 80 80 80 - - - - - - - - - - - - - - - | 30 80 50 50 - |
| century 30 100 40 - - | century 30 80 80 - - - + - < | 80 50 - |
| 30 100 40 | 30 80 80 - - - - - - | 80 50 - |
| 100 40 - | 80 80 | 80 50 - |
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Table 7: Archaeobotanical sample assessment

Discussion of Potential

The crop types noted as present included hulled barley (*Hordeum* sp.) and free threshing wheat (*Triticum nudum*), along with oat (*Avena* sp.) and a large seeded legume. It could not however be determined whether the oat grains represent wild or cultivated oat due to a lack of diagnostic chaff.

The low density of charred cereal grains and cereal chaff associated with wild or weed plant seeds and wood charcoal present in ditch fills 134, 121 and 132, is consistent with domestic hearth waste which became incorporated into the ditch fills over time. It is likely that the cereal grains were charred accidentally during parching or food preparation and the chaff was charred as waste following removal during crop processing. The charred plant remains assemblage present in ditch fill 114, which was composed of a relatively high concentration of whole and fragmented cereal straw nodes, along with occasional barley grains and rachis nodes, is more likely to be consistent with a deliberate dump of material. Cereal straw nodes are generally removed from the crop during the earlier stages of crop processing and utilised as fuel, fodder, temper or roofing/flooring material (Hillman 1981, 134-5).

The presence of seeds from typical weeds of crops such as fat hen (*Chenopodium album*), chickweed (*Stellaria media*) and stinking chamomile (*Anthemis cotula*), in association with crop material, indicates that many of the wild or weed plant seeds are likely to have been harvested along with the crops and charred as crop processing waste. The presence of seeds of sedges (*Carex* spp.) spike rush (*Eleocharis palustris/uniglumis*) and great fen sedge (*Cladium mariscus*) may therefore indicate the cultivation of damp soils. However, other sources of charred plant remains include waste roofing or flooring material, turves, kindling and animal fodder. As such the seeds of sedges, spike rush and great fen sedge may not represent crop weeds.

Free threshing wheat is the most frequently represented wheat type in medieval archaeobotanical assemblages, with barley, oats and rye also representing important crops (Moffett 2006, 47-50). Stinking chamomile is also a typical weed taxon of Saxon and medieval archaeobotanical assemblages, the presence of which has been taken to indicate the expansion of agriculture onto heavy clay soils (Jones, 1988, 90). A similar suite of crops types and wild or weed seed taxa, which include stinking chamomile, are also represented in archaeobotanical assemblages from late Saxon and medieval sites in the region (Murphy 1997, 54). At the nearby site of Ashwell, West Fen Road, Ely the archaeobotanical assemblage from Saxon phases was composed of free threshing wheat, hulled barley and rye with free threshing wheat becoming the dominant crop type during the medieval phases (Ballantyne 2004, 192). The wild or weed seed assemblage from Ashwell also included crop weeds such as stinking chamomile along with taxa commonly associated with damp soils such as sedges and spike rush (Ballantyne 2004, 192). An increase in the frequency of great fen sedge in medieval phases, which is a plant unsuited to arable soil conditions, was interpreted as indicating an increase in the use of fen resources for use as fuel (Ballantyne 2004). Archaeobotanical assemblages from other sites in the region also indicate that great fen sedge is likely to have been collected for use as a fuel in the medieval period (Ballantyne 2004, 192).

No further analysis of the charred plant remains assemblage would be recommended as full sorting and identification would be unlikely to yield significant additional information regarding crop husbandry, crop processing or the nature of the local environment.

No further analysis of the wood charcoal assemblage would be recommended as the number of charcoal fragments greater than 2mm in size is too small to provide a representative sample of woody plant taxa utilised as fuel.

The rich assemblage of fish scale present in late Saxon ditch fill 134 represents an additional source of palaeoenvironmental information regarding food resources, but this is limited by their fragmentary condition.

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Appendix 4: Lithics

By Sarah Bates

Methodology

Flints were examined and recorded by context in an ACCESS database table. They were classified by *category* and *type* (see archive) with completeness, cortication, patina and condition being recorded and additional comments made as necessary.

Results

Two pieces of flint were recovered from the site. A small flake is abraded and slightly patinated. Its platform is also abraded and its dorsal surfaces appear to have been formed by thermal fracture. It is possible the flake is a struck piece but it may well be of thermal origin.

A thick, quite small thermally fractured fragment may have been utilised or slightly struck along one edge- perhaps. Although its edges generally are damaged, with damage to both sides of the edges, one edge has slight shallow flaking from one face and may have been deliberately modified for use as tool (or possibly being tested as a small core). The flaking post-dates the patina of the fragment. The extreme edge has a crushed appearance. There are a few incipient percussion cones on surfaces of the fragment but whether these, and the other edge damage, are from deliberate or accidental striking is uncertain (Table 8).

Context and discussion

The flints were found in the fill of ditch [113]. They may represent prehistoric activity in the vicinity but both could be interpreted as abraded natural fragments and the large piece as accidentally damaged. If the edge flaking was, in fact, deliberate, the piece is likely to represent the *ad hoc* use of flint in the later prehistoric period (Later Bronze Age or Iron Age).

Discussion of Potential

There is no potential for further study of the flint.

| Context | Cat. | Туре | No. | Comp. | Cort. | Prim. | Pat. | Sharp | E.dam. | Hinge | Cortical platform | Prepared platform | Comment |
|---------|------|-----------------------|-----|-------|-------|-------|------|-------|--------|-------|--------------------------|-------------------|--|
| 115 | flak | flake | 1 | 1 | 1 | 0 | 1 | | yes | 0 | 0 | 0 | sm flake, is edge damaged and |
| | | | | | | | | | | | | | abraded - inclg at platform |
| 115 | utfl | ?utilised fragment | 1 | 0 | 0 | 0 | 0 | | yes | 0 | 0 | 0 | qu sm, thick thermal frag, one edge may have been slightly retouched/utilised, but there is edge damage |

Table 8: Flint

Appendix 5: Other Finds

By Mike Wood

Introduction

A mixed collection of slag and clay tobacco pipe was collected during archaeological evaluation on land at Pembroke Farm, Barway Road, Barway, Ely, Cambridgeshire.

Methodology

The material was counted and weighed in grams, then examined visually to identify any diagnostic pieces and the overall condition of the assemblage. Reference was made to published guidelines (Higgins and Davey 2004). Where no other identification has been possible for the clay pipe, stems have been dated by established stem bore guidelines (Oswald 1975). It should be noted that dates provided by stem-bore size can have an appreciable margin for error and are intended only as a general guide. A summary of the material is recorded in Table 9 and Table 10.

Assemblage

| Context | Date range | Stems | Bowls | Mouths | Weight (g) | Stem bore | Comments | |
|----------------------------|-------------|-------|-------|--------|------------|-----------|--------------|--|
| 101 | c.1682-1757 | 1 | | | 9.4 | 5/64" | Snapped stem | |
| Table 9: Clay tobacco nine | | | | | | | | |

Table 9: Clay tobacco pipe

| Context | Material | Date | No. | Wt (g) | Comments |
|---------|----------|---------|-----|--------|-----------------|
| 121 | Clinker | undated | 1 | 8.6 | Lump of clinker |

Table 10: Slag

Discussion

The assemblage is post-medieval to modern in date comprising a single snapped clay tobacco pipe stem and undiagnostic clinker.

Recommendations for further work

Such a limited assemblage of predominantly post-medieval to modern material offers little opportunity for further study, with the material all suitable for discard.

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Project details

| Project name | ARCHAEOLOGICAL EVALUATION BY TRIAL TRENCHING: LAND AT PEMBROKE FARM, BARWAY ROAD, BARWAY, ELY, CAMBRIDGESHIRE |
|-------------------------------------|---|
| Short description of the project | Allen Archaeology Limited was commissioned by Graham Barber, to undertake an archaeological evaluation by trial trenching on land at Pembroke Farm, Barway Road, Barway, Ely, Cambridgeshire, as a condition of consent for creating an equestrian ménage. |
| Project dates | Start: 29-06-2017 End: 31-12-2017 |
| Previous/future work | No / Not known |
| Type of project | Field evaluation |
| Site status | None |
| Current Land use | Cultivated Land 1 - Minimal cultivation |
| Monument type | DITCHES Medieval |
| Significant Finds | POTTERY SHERD Medieval |
| Methods & techniques | "Sample Trenches" |
| Development type | Farm infrastructure (e.g. barns, grain stores, equipment stores, etc.) |
| Prompt | National Planning Policy Framework - NPPF |
| Position in the planning process | After full determination (eg. As a condition) |
| | |

Project location

| Country | England |
|------------------|---|
| Site location | CAMBRIDGESHIRE EAST CAMBRIDGESHIRE SOHAM LAND AT PEMBROKE FARM, BARWAY ROAD, BARWAY, ELY, CAMBRIDGESHIRE |
| Postcode | CB7 5UB |
| Study area | 875 Square metres |
| Site coordinates | TL 5446 7575 52 357599387409 0.268433264633 52 21 27 N 000 16 06 E Point |

Project creators

| Name of Organisation | Allen Archaeology Limited |
|------------------------------|--|
| Project brief originator | Client and Local Authority Archaeologist |
| Project design originator | AAL |

https://oasis.ac.uk/form/print.cfm

1/2

OASIS FORM - Print view

Project Mike Wood director/manager Project supervisor Robert Evershed

Project archives

11/08/2017

| Physical Archive recipient | Cambridgeshire County Archaeological Store |
|-------------------------------|---|
| Physical Contents | "Animal Bones", "Ceramics" |
| Digital Archive Exists? | No |
| Paper Archive recipient | Cambridgeshire County Archaeological Store |
| Paper Media available | "Context sheet", "Drawing", "Photograph", "Plan", "Report", "Section" |

Project bibliography 1

| | Grey literature (unpublished document/manuscript) |
|----------------------------------|--|
| Publication type | |
| Title | ARCHAEOLOGICAL EVALUATION BY TRIAL TRENCHING: LAND AT PEMBROKE FARM, BARWAY ROAD, BARWAY, ELY, CAMBRIDGESHIRE |
| Author(s)/Editor(s) | Evershed, R |
| Date | 2017 |
| lssuer or publisher | Allen Archaeology Limited |
| Place of issue or publication | Lincoln |
| Entered by | Robert Evershed (r.evershed@allenarchaeology.co.uk) |
| Entered on | 11 August 2017 |

OASIS:

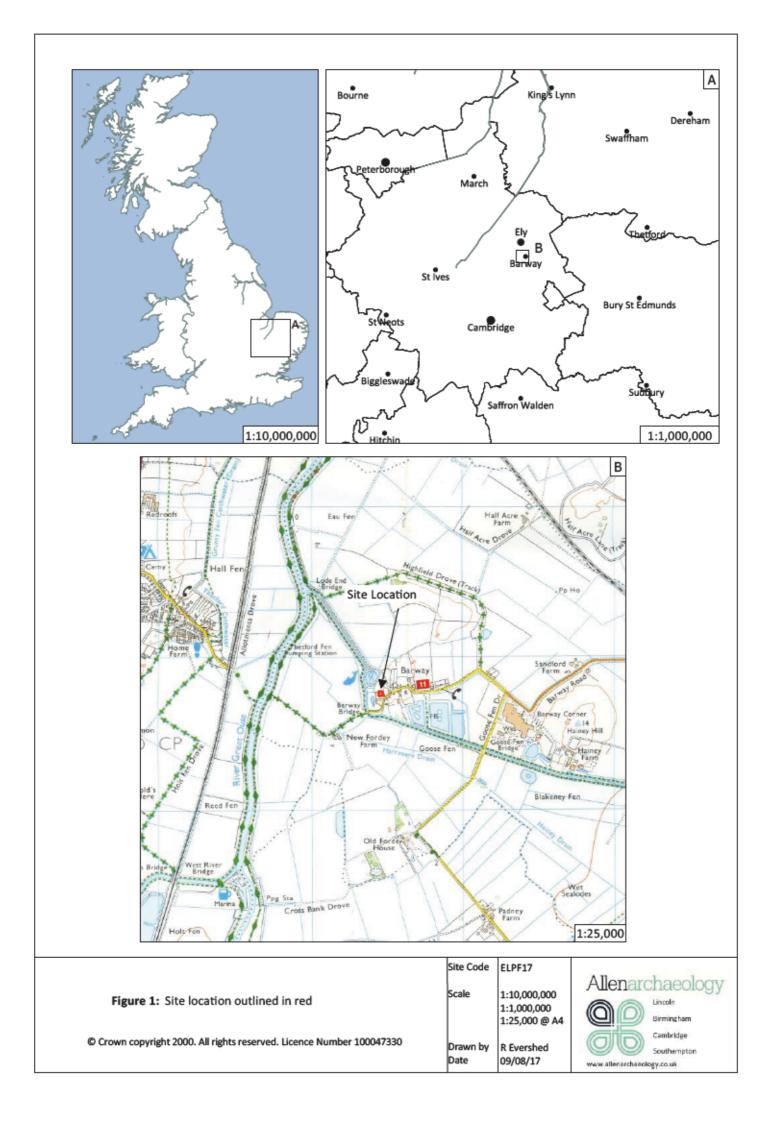
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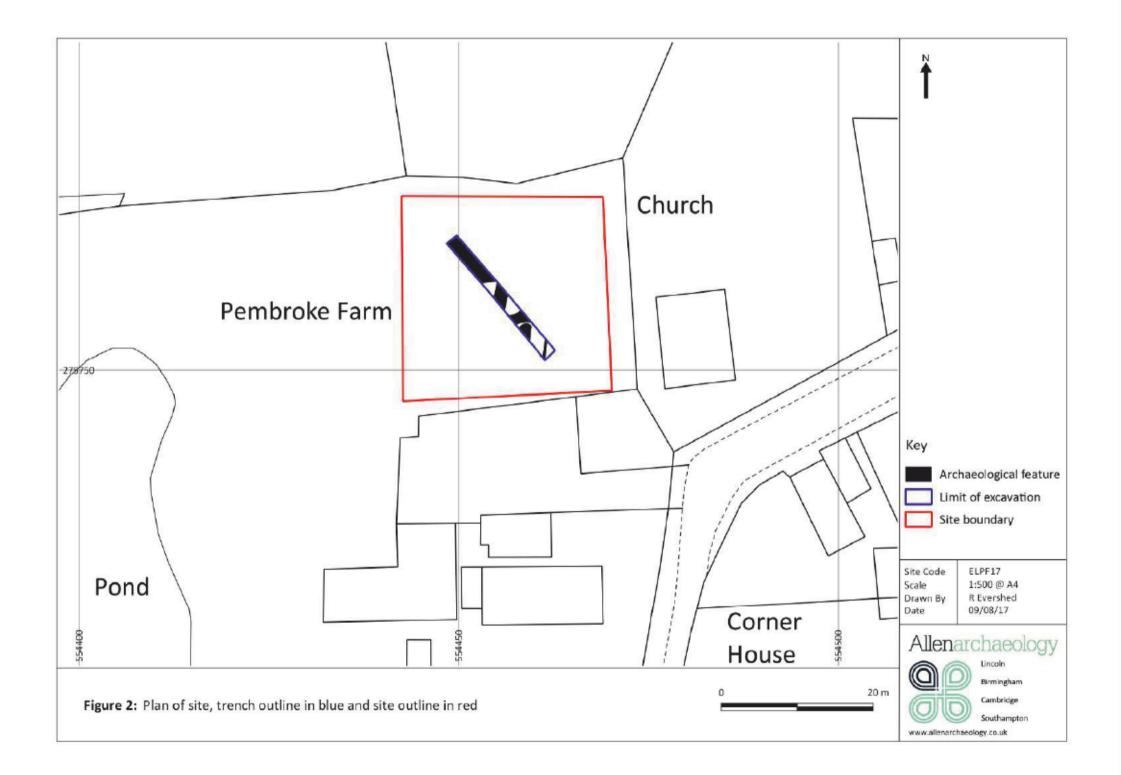
https://oasis.ac.uk/form/print.cfm

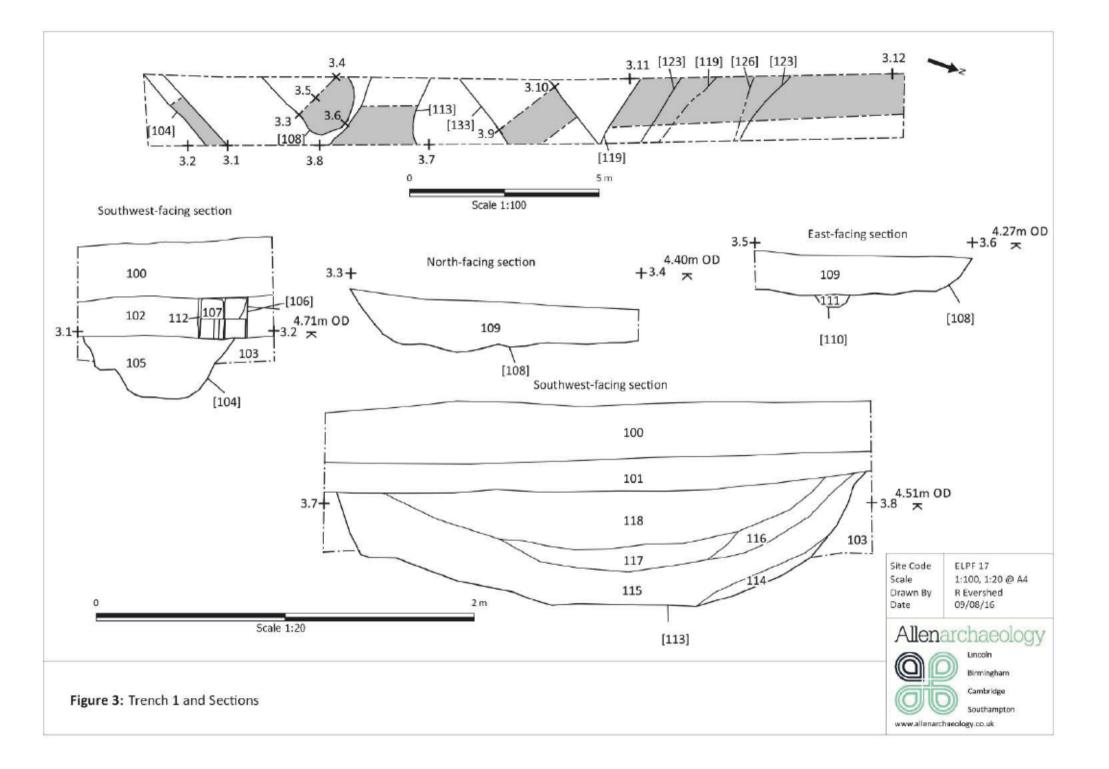
Appendix 7: Context Summary List

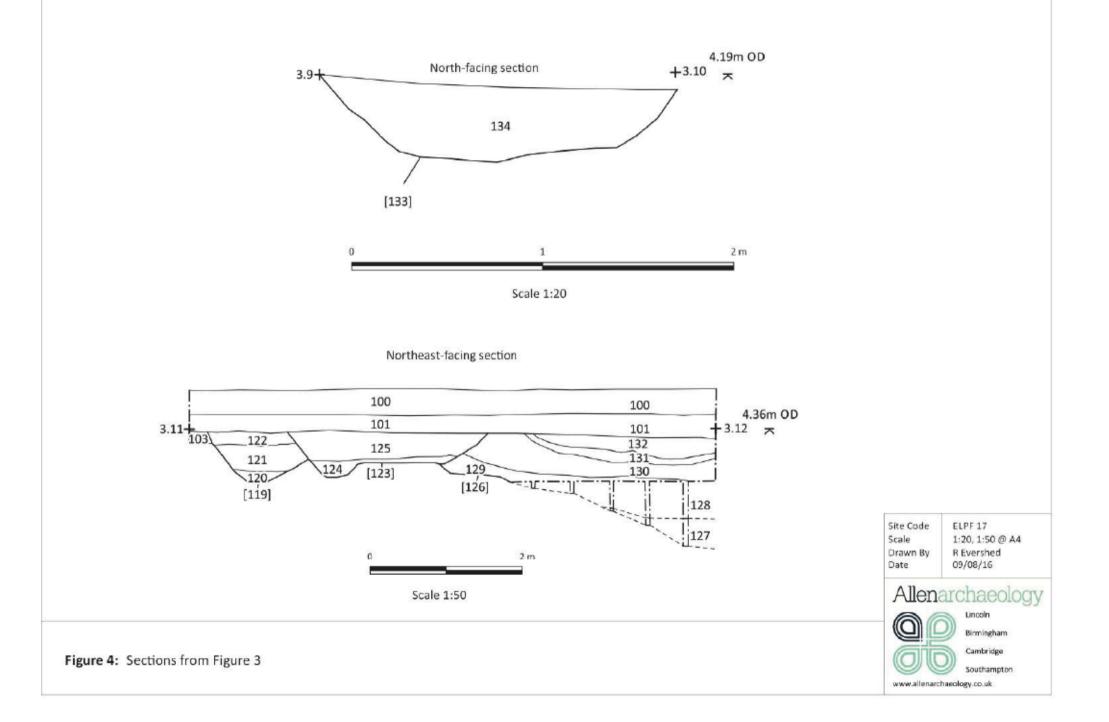
| Context | Туре | Description | Length (m) | Width (m) | Thickness/ depth (m) | Interpretation |
|---------|---------|--|---------------|--------------|-------------------------|--|
| 100 | Layer | Friable, dark greyish brown silty sand | - | - | 0.33 | Topsoil |
| 101 | Layer | Friable, mid brownish grey sandy day with frequent rubble inclusions | - | - | 0.23 | Mixed dumped layer |
| 102 | Layer | Friable, mid brownish grey sandy silt | - | - | 0.21 | Subsoil |
| 103 | Layer | Compact, mid yellow orange clay | - | - | - | Natural geology |
| 104 | Cut | North-east oriented to southwest linear with straight sides and a flat base | 1.60 | 0.82 | 0.32 | Cut of gully |
| 105 | Fill | Firm, dark greyish brown clayey silt with occasional charcoal flecks and chalk fragments | - | 0.82 | 0.32 | Fill of gully [104] |
| 106 | Cut | Steep sides and a flat base | - | 0.44 | 0.22 | Construction cut for wall 107 |
| 107 | Masonry | Red brick, two courses, mortar bonded | 0.23 | - | 0.20 | Wall |
| 108 | Cut | North-south oriented linear with moderate sides and a concave base | 2.50 | 1.66 | 0.26 | Cut of ditch terminus |
| 109 | Fill | Loose, dark greyish brown clayey silt with occasional small stones and sub-angular flint | - | 1.66 | 0.26 | Fill of ditch [108] |
| 110 | Fill | Round post-hole with shallow sides and a concave base | 0.20 | 0.20 | 0.05 | Cut of post hole |
| 111 | Fill | Loose, dark brownish grey clayey silt with occasional small stones and sub-angular flint | 0.20 | 0.20 | 0.05 | Fill of post hole [110], cut by [108] |
| 112 | Fill | Loose, mid greyish brown silty sand | - | 0.44 | 0.20 | Backfill of construction cut [106] |
| 113 | Cut | East to west oriented linear with moderate sides and a concave base | 1.80 | 2.82 | 0.60 | Cut of ditch |
| 114 | Fill | Loose, black silty sand with very frequent charcoal inclusions | - | 0.65 | 0.05 | Fill of ditch [113] |
| 115 | Fill | Loose, mid greyish brown clayey silt with occasional small angular stones | - | 2.82 | 0.27 | Natural silting within ditch [113] |
| 116 | Fill | Loose, very dark brown silty clay with frequent charcoal inclusions | - | 0.77 | 0.15 | Deliberate backfill of ditch [113] |
| 117 | Fill | Loose, light brownish grey silty sand | - | 1.24 | 0.14 | Fill of ditch [113] |
| 118 | Fill | Loose, dark brownish grey clayey silt with occasional small sub-rounded stones | - | 2.34 | 0.3 | Fill of ditch [113] |
| 119 | Cut | East-west oriented linear with moderately steep sides and a flattish base | 1.80 | 1.30 | 0.66 | Cut of ditch |

| Context | Туре | Description | Length (m) | Width (m) | Thickness/ depth (m) | Interpretation |
|---------|------|---|---------------|--------------|-------------------------|------------------------------------|
| 120 | Fill | Firm, light greyish brown silty clay | - | 0.73 | 0.14 | Fill of ditch [119] |
| 121 | Fill | Firm, mid brownish grey silty clay with occasional small sub- angular stones | - | 1.23 | 0.34 | Fill of ditch [119] |
| 122 | Fill | Firm, mid grey silty day with occasional chalk flecks | - | 1.14 | 0.19 | Fill of ditch [119] |
| 123 | Cut | North-east to south-west oriented linear with moderate sides and a concave base | 1.80 | 2.62 | 0.62 | Cut of ditch |
| 124 | Fill | Firm dark orange grey silty clay | - | 1.95 | 0.22 | Fill of ditch [123] |
| 125 | Fill | Firm, dark grey silty clay with chalk fragments and sub- rounded stones | - | 2.62 | 0.38 | Fill of ditch [123] |
| 126 | Cut | North-east to south-west oriented linear with moderate sides | 1.80 | 3.60 | 1.44 | Cut of ditch |
| 127 | Fill | Firm, dark blackish brown peat with frequent shell inclusions | - | - | 0.40 | Fill of ditch [126] |
| 128 | Fill | Firm mid grey silty clay with frequent shell inclusions | - | - | 0.53 | Fill of ditch [126] Same as 129 |
| 129 | Fill | Firm mid grey silty clay with frequent shell inclusions | - | 3.29 | 0.53 | Fill of ditch [126] Same as 128 |
| 130 | Fill | Firm dark grey silty clay with occasional medium rounded stones | - | 3.33 | 0.48 | Fill of ditch [126] |
| 131 | Fill | Loose, orange brown clayey silt with chalk flecks | - | 2.53 | 0.15 | Fill of ditch [126] |
| 132 | Fill | Firm, dark grey silty clay with medium sub-angular stones | - | 2.39 | 0.28 | Fill of ditch [126] |
| 133 | Cut | North-south oriented linear with moderate sides and a concave base | 2.12 | 1.91 | 0.4 | Cut of ditch |
| 134 | Fill | Firm, dark grey silty clay | - | 1.91 | 0.4 | Fill of ditch [133] |
| 135 | VOID | VOID | VOID | VOID | VOID | VOID |











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