



**YORK ARCHAEOLOGICAL TRUST**



## Desk Based Assessment Report for Broadacre Academy

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YAT Desk Based Assessment Report 2019/124 August 2019



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### **Abbreviations**

ADS	Archaeological Data Service
AOD	Above Ordnance Datum
HG	Heritage Gateway

## NON-TECHNICAL SUMMARY

An archaeological desk based study for a site at Broadacre Academy, Wawne Road, Hull HU7 5YS (NGR TA 09471 35368), the work being undertaken for Sewell Construction Ltd. The study has shown that the site is probably of limited archaeological potential.

## KEY PROJECT INFORMATION

Project Name	Broadacre Academy, Wawne Road, Hull HU7 5YS
YAT Project No.	6161
Document Number	2019/124
Type of Project	Desk-Based Assessment Report
Client	Sewell Construction Ltd
Planning Application No.	NA
NGR	TA 09471 35368
Museum Accession No.	N/A
OASIS Identifier	TBC

## REPORT INFORMATION

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	Initials	Date	Initials	Date	Initials	Date
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## **1 INTRODUCTION**

This report presents the results of a desk-based assessment of the likely archaeological deposit sequence land at Broadacre Academy, Wawne Road, Hull HU7 5YS (NGR 09471 35368; Figures 1-2).

The work was undertaken for Sewell Construction Ltd. and was carried out during August 2019. At the time of writing there was no planning application, the work being undertaken in association with a proposal for a new enlarged primary school to replace the existing buildings.

## **2 METHODOLOGY**

### **2.1 Desk-Based Research**

Desk-based and online research was carried out to identify the designated and non-designated heritage assets within a 500m radius of the site. The bulk of the data was collated using the Humberside Historic Environment Record (HER search reference number CHU27540) and the Heritage Gateway web site which gives access to various other databases such as the Archaeological Data Service and PastScape.

The archaeological data is summarised in Section 6 and Appendix 1.

### **2.2 Walkover Survey**

A walkover survey was undertaken on 28<sup>th</sup> August 2019. Digital photographs (Plates 1-5) were taken of the site and site setting, along with notes on the current land topography.

## **3 LOCATION, GEOLOGY & TOPOGRAPHY**

### **3.1 Location and Topography**

The proposed development area is located approximately 6.75km to the north of Hull Minster (Figure 1). The development area is roughly rectangular in plan, containing the site of Broadacre Primary School and an L-shaped strip of land immediately to the north and west of the school, currently outside the school boundaries. The proposed development site is bounded on all sides by a new large housing development. The site is approximately 2.7 hectares in area (Figure 2). The upper surface of the land is flat and at approximately 10m AOD.

### **3.2 Geology**

The underlying bedrock is Flamborough Chalk Formation, a sedimentary bedrock formed approximately 72 to 86 million years ago in the Cretaceous Period when the local environment was warm chalk seas. Above this, lie superficial deposits of Devensian Till, consisting of Diamicton. These were formed during the last Ice Age as glaciers moved over the landscape and deposited till from seasonal and post glacial outwash (Geology of Britain Viewer).

## **4 LEGISLATION AND PLANNING POLICY**

### **4.1 National Planning and Policy Framework**

The National Planning Policy Framework set out the Government's planning policies for England and how these are expected to be applied. Planning law required that applications for

planning permission must be determined in accordance with the development plan (including the Local Plan) unless material considerations indicate otherwise. The purpose of Heritage Statements is set out in paragraph 128 of the NPPF, which states:

*“In determining applications, local planning authorities should require an applicant to describe the significance of any heritage assets affected including any contribution made by their setting. The level of details should be proportionate to the asset’s importance and no more than is sufficient to understand the potential impact of the proposal on their significance. As a minimum the relevant historic environment record should have been consulted and the heritage assets assessed using appropriate expertise where necessary. Where a site on which development is proposed includes or has the potential to include heritage assets with archaeological interest, local planning authorities should require developers to submit and appropriate desk-based assessment and, where necessary, a field evaluation.”*

## **4.2 Local Planning Policy**

### **The Local Plan**

The Hull Local Plan for 2016 to 2030 provides a positive strategy for the conservation and enjoyment of the historic environment, including heritage assets most at risk through neglect, decay or other threats (Hull City Council 2017, 131-2). This states that heritage assets include archaeology even if it is not a Scheduled Monument, and that where it is possible significant archaeology could be found, the developers should consult the HER.

The Local Plan 2016 to 2032 Policies Map identifies the area to the immediate north of Broadacre Academy as designated for housing development, while that to the immediate west of the school should be new greenspace.

## **5 DESIGNATIONS AND CONSTRAINTS**

There are no specific designation or constraints (Conservation Areas, Registered Battlefields, National Trust properties, Listed Buildings, Scheduled Monuments or Registered Parks and Gardens) on the site.

## **6 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND**

Although no archaeological features are known within the proposed development site, spot finds of prehistoric and Roman date, together with medieval ridge and furrow cropmarks are known from the vicinity.

### **6.1 Prehistoric period**

No prehistoric heritage assets were present within the study area.

It should be noted that various spot finds are known from the wider vicinity including six bronze axes recovered 1km to the north-west of Broadacre School, a find spot of Late Iron Age pottery 1.2km to the south-west, and cropmarks indicating possible enclosures of late prehistoric or Romano-British date 1.8km to the north-west (Bruce and McCluskey 2015, 15).

### **6.2 Roman Period**

Within the study area to the east of Wawne Road, spot finds of Romano British pottery were made together with a ditch, hinting at occupation in the area (Site 2).

Other spot finds of Roman date are known from the wider area including finds of pottery 1.67km and 1.9km to the south-west of the Broadacre Academy, coins 1.9km to the south-west and 800m to the north-east, and other Roman artefacts 1.8km to the south-west and 1.27km to the north-north-east (Bruce and McCluskey 2015, 13).

### 6.3 Medieval period

Medieval ridge and furrow plough marks were visible on aerial photographs approximately 300m to the North-North-east of Broadacre Academy (Site 3). According to the HER entry these marks had been levelled by 2008, but a report by OSA written in 2016 at the time of a geophysical survey stated that these marks were still visible (Gourley 2016, 6).

The old course of a medieval drain known as the Fore Dyke (Site 4) is located at the southern limit of the study area.

Within the wider area the place name Wawne is first recorded in 1086 and may be derived from Anglo-Saxon name meaning a quagmire (Bruce and McCluskey 2015, 15). Wawne parish church is of 12<sup>th</sup> century and later date (ibid., 15).

### 6.4 Post-Medieval to modern

South Field, a farmhouse of post-medieval to Victorian date (Site 5) is shown on the 1855 6" OS map. Another building of post-medieval to Victorian date, Wawne Lodge, (Site 6) was located to the east of Wawne Road, but this does not survive to the present time.

### 6.5 Historical Mapping

Historic mapping indicates that the site was used for agriculture from the mid-19<sup>th</sup> century until the late 20<sup>th</sup> century. The series of Ordnance Survey 6" to one mile maps dating to 1855 (Plate 1), 1911, 1928, 1938 and 1951, together with the Ordnance Survey 1: 10,560 maps of 1893 and 1956, all show an identical pattern of fields in the immediate vicinity of the site of the present Broadacre Academy. The nearest building is South Field farmhouse which is located to the immediate east of Wawne Road, opposite the junction with the lane located to the immediate south of the present school.

The 1965 Ordnance Survey 1:2,500 map shows an irregular unlabelled mound in a field to the south-west of the present school (south of the dog-leg in the lane located to the immediate south of the present school), but otherwise the pattern of land use is unaltered. As late as 1969 the Ordnance Survey 1: 10,560 map shows the same overall pattern of fields as that seen in 1855.

After 1969 there was considerable development to the south of the study area. By 1973 new housing estates had been constructed approximately 750m to the south of the present Broadacre Academy, both to the south of John Newton Way, between Holwell Road and Wawne road and to the east of Wawne Road, with a further large estate to the west of the River Hull 2km to the south-west of the present school.

Sometime between 1984 and 1993 (Ordnance Survey 1: 10,000 maps) a further housing estate was built to the east of Wawne Road in the area to the immediate east of the present Broadacre Academy.

Since 1993 there has been further development with a large housing development named Kingswood being built between Wawne Road and the River Hull. The present Broadacre Academy school forms part of this development (See Figures 1-2).



A further estate located to the immediate north of the school is currently under construction.

## **7 PREVIOUS ARCHAEOLOGICAL INTERVENTIONS**

Three archaeological watching briefs have taken place within the study area, (Sites 1, and 8-9) but none produced any archaeological features or artefacts.

Three separate pieces of work were undertaken on the area to the immediate north of Broadacre School, these included a desk top study, geophysical survey and evaluation trenching. The desk top assessment showed that the site encompassed an area of medieval ridge and furrow (Site 3) associated with the village of Wawne, while in the post-medieval and modern periods the area had been used for pasture and arable farming (Bruce and McCluskey 2015, 4). The geophysical survey revealed several linear anomalies, but these were either natural or related to agricultural practices, while some probably represented ploughed out topographical features (Gourley 2016, 10). The evaluation trenches investigated the anomalies seen on the geophysical survey which showed that there was no evidence of activity pre-dating the medieval period, but that there were the heavily truncated remains of furrows of probable medieval and post-medieval date (Bruce 2016, 3).

## **8 SITE WALKOVER SURVEY**

A site visit was undertaken by Clare Jackson on 28<sup>th</sup> August 2019. Visibility was good, weather conditions dry.

It was noted on the site walkover that much of the surrounding landscape has changed dramatically in recent months; a large new housing estate has been established where there used to be fields, and with a new road system in place. Access to the site is now via the newly constructed Pioneer Way. The land in the northern and western part of the site, outside the school boundaries, is now fenced off and is occupied by areas of long grass and bare earth that appears to have been tracked over by plant. To the north of the proposed development is an earth bank, separating it from Pioneer Way.

## **9 ARCHAEOLOGICAL POTENTIAL**

The data available suggests that the site is of limited archaeological potential, though it should be noted that there is always the possibility of archaeological features and stray artefacts being recovered, especially given that finds of Roman pottery are known from within the study area, and both prehistoric and Roman finds are known within the wider vicinity.

## LIST OF SOURCES

British Geological Survey, Geology of Britain Viewer, available online at <http://mapapps.bgs.ac.uk/geologyofbritain/home.html?>

Bruce, G. and McCluskey, B., 2015. *Land at Wawne Road, Hull. Archaeological Desktop Study* OSA 15DT09

Bruce, G., 2016. *Land at Wawne Road, Hull (Phase 1). Report on an Archaeological Evaluation.* OSA 16EV05

Gourley, B. 2016. *Land at Wawne Road, Hull. Geophysical Survey* OSA16EV05

Hull City Council, 2017. *Hull Local Plan 2016 to 2032*

Hull City Council, 2017. *Hull Local Plan 2016 to 2032 Policies Map*

## ACKNOWLEDGEMENTS

Humber HER are thanked for providing the relevant data. Clare Jackson prepared the Figures.

Ordnance Survey map data is published under licence 10018343.



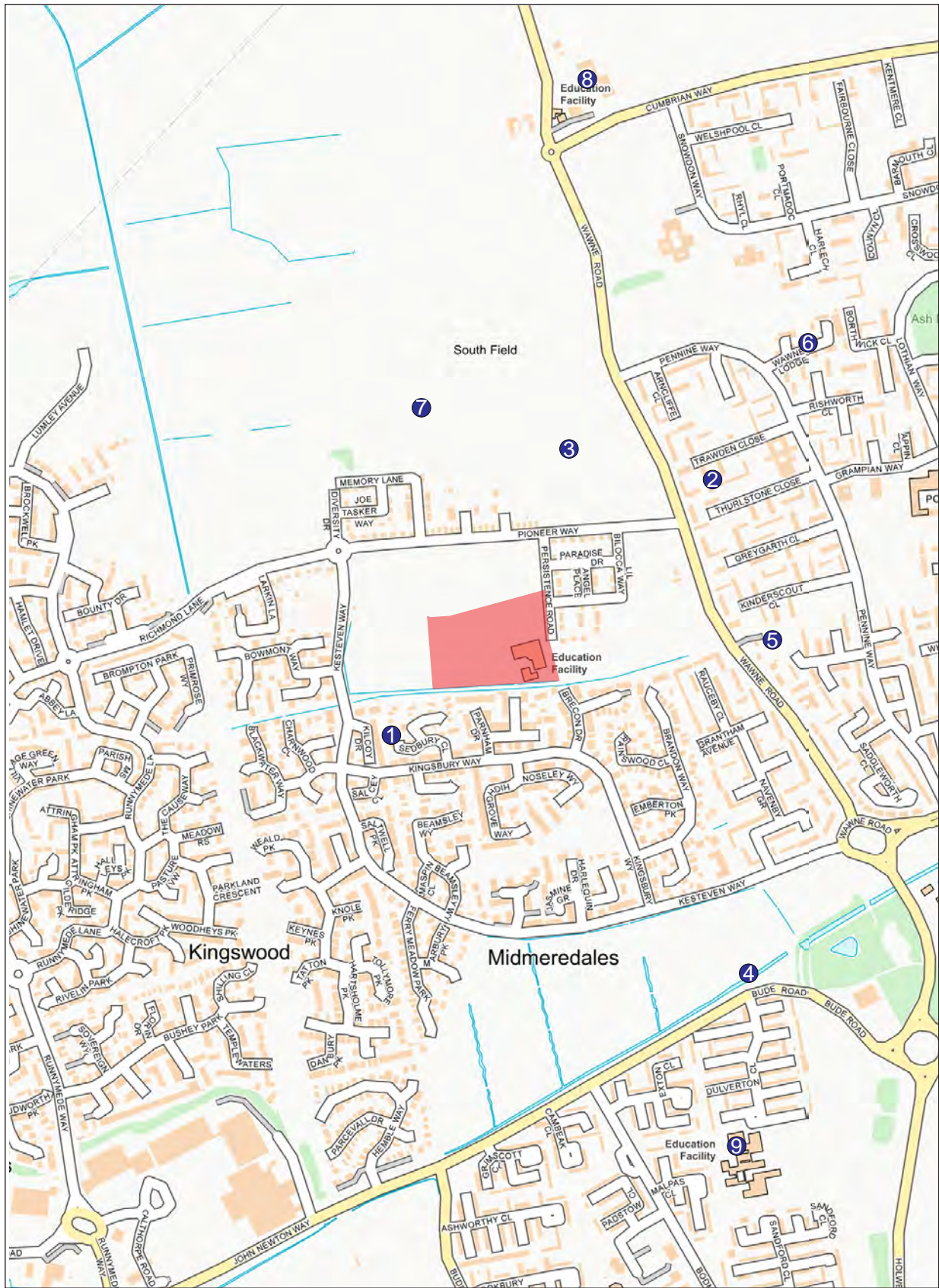
scale 1:4,500

Figure 1 Site Location



scale 1:2,200

Figure 2 The site area, excluding the hatched area, taken from drawing 3/6592/1-1 provided by the client



scale 1:10,000

Figure 3 Gazetteer Site Locations



Figure 4 Extract from the 1855 OS 6" to 1 mile map. Not to Scale

## PLATES



**Plate 1 View east, setting of the study site to east, showing new road and housing**



**Plate 2 View west, northern area of site**



**Plate 3 View northwest, northern area of site, showing earth bank and new houses to north**



**Plate 4 View northwest, showing area to west of site**



**Plate 5 View northwest, showing school playground**



**APPENDIX 1 GAZETTEER OF SITES**

Number	Site Name	Date	Reference
1	Watching Brief - Kingswood Hill, Kesteven Way. No archaeological features or finds.	1994	HG - ADS 1320391
2	Spot find – Romano British pottery, and a ditch, south of Wawne Lodge		HER - 1489
3	Medieval Ridge and Furrow visible on aerial photographs, seems to have been levelled by 2008		HG - Pastscape Monument no 1553637
4	Old course of Fore Dyke medieval drain		HER - 15980
5	South Field, post-medieval farmhouse		HER - 14147
6	Site of Wawne Lodge a post-medieval to Victorian House		HER - 14356
7	Desk top study, Geophysical Survey and archaeological evaluation - Land at Wawne Road, Hull	2016	HER – EHU2736
8	Watching Brief – Hill Top Farm, Sutton Road, Wawne	2008	HER – EHU1496
9	Watching Brief – Northcott Special School, Dulverton Close, Kingston-upon-Hull	2013	HER – EHU2010

**Table 1 Gazetteer of sites**



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