

Car Park 14 and adjacent land, Laindon Link, Basildon, Essex Archaeological Evaluation Report

April 2023

Client: Hill Partnerships Ltd and Sempra Homes

Issue No: 1 Report No: 2654 OA Report No: 27560 NGR: TQ 69854 88338





Client Name: Hill Partnerships Ltd and Sempra Homes

Document Title: Car Park 14 and adjacent land, Laindon Link, Basildon, Essex

Document Type: Evaluation Report

Report No.: 2654

Grid Reference: TQ 69854 88338 Planning Reference: 22/01179/FUL

Site Code: BALL23
Invoice Code: XEXCGB23

Receiving Body: ADS/No repository available for physical archive

Accession No.: BALL23

OA Document File Location: https://files.oxfordarchaeology.com
OA Graphics File Location: https://files.oxfordarchaeology.com

Issue No: v.1

Date: 17/04/2023

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Car Park 14 and adjacent land, Laindon Link, Basildon, Essex

Archaeological Evaluation Report

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Summary

Between the 20th-22nd of March 2023 Oxford Archaeology conducted an archaeological evaluation at the site of Car Park 14 and adjacent land, Laindon Link, Basildon, Essex. A total of seven trial trenches, each measuring 30m in length, were excavated within the proposed development area to the east of the stream and historic parish boundary.

No archaeological remains were encountered in any of the trenches. It appears that the site was previously excavated and levelled for the construction of the car park, which would have truncated any archaeological features.



Acknowledgements

Oxford Archaeology would like to thank Hill Partnerships Ltd and Sempra Homes for commissioning this project. Thanks are also extended to Teresa O'Connor who monitored the work on behalf of Basildon Council.

The project was managed for Oxford Archaeology by Nick Gilmour. The fieldwork was directed by Jack Easen, who was supported by Mike Mathews and Jim Harris. Survey and digitising were carried out by Daria Adamson.



1 INTRODUCTION

1.1 Scope of work

- 1.1.1 Oxford Archaeology (OA) was commissioned by Hill Partnerships Ltd and Sempra Homes to undertake a trial trench evaluation at the site of Car Park 14 and Adjacent Land, Laindon Link, Basildon, Essex (TQ 69854 88338; Fig. 1).
- 1.1.2 The work was undertaken as a condition of Planning Permission (planning ref. 22/01179/FUL) to inform the Planning Authority, Basildon Council. An Archaeological Brief was set by Place Services detailing the Local Authority's requirements for discharging the planning condition. A Written Scheme of Investigation (WSI) was produced by OA outlining how OA implemented the specified requirements.

1.2 Location, topography, and geology

- 1.1.3 The site lies to the south of the Laindon Link Road within the town of Basildon. It is relatively flat at 27-28m OD. A stream (or ditch), which formed a historic parish boundary, crosses the site on a north to south alignment.
- 1.1.4 The area of proposed development consists mostly of a disused car park, with an area of grass/scrub to the west.
- 1.1.5 The geology of the area is mapped as clay, of the London Clay Formation, which is covered by superficial Head deposits of clay, sand and silt (British Geological Survey online map viewer http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html, accessed February 2023).

1.3 Archaeological and historical background

- 1.3.1 The following section provides a summary of the archaeological and historic background of the site and is drawn from the WSI (Gilmour 2023), a 1km radius search of the Essex Historic Environment Record (EHER; undertaken on the 01/03/2023) and Basildon Historic Environment Characterisation (2010-2011, Basildon Council). Selected EHER record numbers are shown on Figure 2.
- 1.3.2 Two historic parish boundaries are located within the site, both aligned NNW-SSE, with one following the line of a stream/ditch still present on site. The other followed the path of a disused road at the eastern edge of the development.
- 1.3.3 Due to the lack of archaeological work accompanying the construction of Basildon New Town in the 1950s and 60s and limited recent development in the Langdon Hills and Laindon area, few archaeological sites have been identified.
- 1.3.4 Generally, the surrounding historic landscape is characterised by rural, dispersed settlement with rectilinear field systems, typical of south and east Essex, which perhaps originated in the Middle Anglo-Saxon period.
- 1.3.5 In the 1950s construction of the Swan Mead School in the Basildon New Town residential area approximately 1.2km to the east of the site revealed a large Late Bronze Age hoard.



- 1.3.6 An excavation by Archaeology South-East at Nethermayne Plot 3a, Kingswood (EEX59490), south of the current site, revealed evidence of Late Bronze Age/Early Iron Age land use in the form of three pits. An unenclosed Roman cremation cemetery of eight burials dating to the 1st/2nd century AD was also discovered, along with a small number of Roman ditches, pits and postholes. Most of the dated features were Early Anglo-Saxon, representing small scale settlement occupation.
- 1.3.7 At the Basildon New Water Reservoir (EEX18177), Iron Age and Roman occupation material (EHER 5267 and 5268) was discovered during bulldozing in the 1960s.
- 1.3.8 An excavation by the Colchester Archaeological Trust, west of Basildon College, Dry Street (EEX56184), revealed multi-period occupation with sporadic activity in the Neolithic and Bronze Age (EHER 47778) evidenced by occasional pottery and flint finds. This was followed by an Iron Age ditched system of rectilinear fields which was continued and adapted through the Roman and Anglo-Saxon periods (EHER 47779/47780).
- 1.3.9 Excavations east of Ballards Walk, north-west of the current site, revealed a single Bronze Age gully amongst a series of late medieval field boundaries (EEX58942/EHER 48834).
- 1.3.10 Approximately 4km west of the site in Langdon Hills and West Laindon is the medieval church and hall complex of Dunton Hall, of which the Old Rectory is a moated site. To the north of the current site at Church Hill is St Nicholas Church, dating to the 14th century with a 17th century annex called the 'Priest Hall' and Laindon Hall, now demolished, which was dated to the 15th century but possibly had earlier origins.
- 1.3.11 Within the new town of Basildon is Botelers Hall and church complex, which is a Scheduled Monument dating to the 14th century. The moated enclosure survives although the original building has been lost. An Ordnance Survey map from 1881 depicts a range of fishponds thought to be medieval in date. Within Basildon town centre cartographic records show the location of Barnstaple Hall, probably the focal point of the Barnstaple Hundred, first recorded in AD 1087.



2 AIMS AND METHODOLOGY

2.1 Aims

- 2.1.1 The project aims and objectives were as follows:
 - Establish the presence or absence of archaeological remains on the site, characterise where they are found (location, depth and extent), and establish the quality of preservation of any archaeology and environmental remains.
 - ii. Provide sufficient coverage to establish the character, condition, date and purpose of any archaeological deposits.
 - iii. Provide sufficient coverage to evaluate the likely impact of past land uses, and the possible presence of masking deposits.
 - iv. Provide if archaeological remains are found sufficient information to construct an archaeological mitigation strategy, dealing with preservation, the recording of archaeological deposits, working practices, timetables, and orders of cost.
- 2.1.2. Site specific research objectives of this site were:
 - i. Test the area near to the stream for paleoenvironmental remains.

2.2 Methodology

- 2.2.1 The archaeological methodology was conducted in accordance with the approved WSI (Gilmour 2023) and in line with current best archaeological practice and the appropriate national and regional standards and guidelines. All work was conducted in accordance with the Chartered Institute for Archaeologists' Code of Conduct and Standard and Guidance for Archaeological Field Evaluations.
- 2.2.2 All fieldwork was undertaken in accordance with the requirements of the OA fieldwork manual (publication forthcoming). Further guidance was provided to all excavators in the form of the OA Fieldwork Crib Sheets a companion guide to the Fieldwork Manual.
- 2.2.3 Seven trenches (30m x 1.8m) were excavated in Car Park 14 (Trench 6-12) with the possibility of a further five trenches (Trench 1-5) being excavated as a contingency, in the adjacent scrub land to the west of the stream.
- 2.2.4 Service plans were checked before work commenced on site. Before trenching, the footprint of each trench was scanned by a qualified and experienced operator using a CAT and Genny with a valid calibration certificate.
- 2.2.5 All machine excavation was undertaken by a suitably qualified and experienced archaeologist.
- 2.2.6 All trenches were excavated by a mechanical excavator to the depth of geological horizons, or to the upper interface of archaeological features or deposits, whichever was encountered first.
- 2.2.7 Surveying was undertaken using a survey-grade differential GPS connected to Leica Smartnet providing an accuracy of 5mm horizontal and 10mm vertical.



- 2.2.8 The site grid was accurately tied into the Ordnance Survey National Grid and located on the 1:2500 or 1:1250 map of the area. Elevations were levelled to the Ordnance Datum.
- 2.2.9 All trenches were photographed and recorded on OA's digital system.



3 RESULTS

3.1 Introduction and presentation of results

3.1.1 The results of the evaluation are presented below. The locations of the excavated trenches (Trench 6-12) are shown in Figure 3. A further five proposed trenches in the scrub land to the west were not excavated (Trench 1-5). The full details of all trenches with dimensions and depths of all deposits can be found in Appendix A.

3.2 General soils and ground conditions

- 3.2.1 The soil sequence in the trenches was fairly uniform. The natural geology of clay, bedrock of the London Clay Formation, was overlain by levelling materials in the form of sand and 'crush', which in turn was overlain by tarmac (Plates 1-4). Only Trench 6 differed with a layer of concrete underlying the tarmac. The levelling material varied in thickness across the site from 0.27-0.63m.
- 3.2.2 Ground conditions throughout the evaluation were good and the site remained dry throughout. Although no archaeological features were present it was easy to identify the underlying natural geology.

3.3 General distribution of archaeological deposits

3.3.1 None of the seven trenches excavated by machine in the car park) revealed any archaeological features or deposits due to the car park area being excavated and levelled during construction. Beneath the tarmac, levelling materials were directly overlying the bedrock.

3.4 Finds summary

3.4.1 No finds were recovered.



4 DISCUSSION

4.1 Reliability of field investigation

4.1.1 The results of the evaluation are considered reliable. No archaeological features or deposits were discovered due to the excavation and levelling of the area during the construction of the car park. The clay geology meant that the geological horizon was clear when encountered.

4.2 Evaluation objectives, results and interpretation

- 4.2.1 All the objectives laid out in section 2.1 of this report were achieved by this evaluation.
- 4.2.2 The results of this evaluation have clearly established that no archaeological remains were present in Car Park 14 and if any archaeological remains had existed, they would have been truncated during the construction of the car park.

4.3 Significance

4.3.1 The evaluation revealed no remains of archaeological significance.



APPENDIX ATRENCH DESCRIPTIONS AND CONTEXT INVENTORY

Trench 6									
General c	descriptio	n			Orientation	NNW-SSE			
Trench c	levoid of	archae	onsists of tarmac overlying	Length (m)	30				
concrete,	crush and	d sand or	Width (m) 1.8						
					Avg. depth (m)	0.39			
Context	Type	Width	Depth	Description	Finds	Date			
No.		(m)	(m)						
-	-	-	-	-	-	-			

Trench 7								
General o	description	n		Orientation	WSW-			
						ENE		
Trench de	evoid of a	rchaeolo	gy. Consi	sts of tarmac overlying crush	Length (m) 30			
and sand	onto the i	natural ge	eology.		Width (m)	1.8		
					Avg. depth (m)	0.27		
Context	Туре	Width	Depth	Description	Finds	Date		
No.		(m)	(m)					
-	-	-	-	-	-	-		

Trench 8									
General c	description	n			Orientation	NNW-SSE			
Trench de	evoid of a	Length (m)	30						
and sand	onto the i	natural ge	Width (m) 1.8						
					Avg. depth (m)	0.5			
Context	Туре	Width	Depth	Description	Finds	Date			
No.		(m)	(m)						
-	-	-	-	-	-	-			

Trench 9								
General o	lescription	n		Orientation	WSW-			
				ENE				
Trench de	evoid of a	rchaeolo	Length (m) 30					
and sand	onto the i	natural ge	eology.		Width (m)	1.8		
					Avg. depth (m)	0.58		
Context	Туре	Width	Depth	Description	Finds	Date		
No.		(m)	(m)					
-	-	-	-	-	-	-		



Trench 10								
General o	lescription	Orientation	WSW-					
			ENE					
Trench de	evoid of a	Length (m) 30						
and sand	onto the i	natural ge	eology.		Width (m)	1.8		
					Avg. depth (m)	0.43		
Context	Туре	Width	Depth	Description	Finds	Date		
No.		(m)	(m)					
-	-	-	-	-	-	-		

Trench 11								
General o	description	n			Orientation	WSW-		
						ENE		
Trench de	evoid of a	Length (m) 30						
and sand	onto the i	natural ge	eology.		Width (m)	1.8		
					Avg. depth (m)	0.35		
Context	Туре	Width	Depth	Description	Finds	Date		
No.		(m)	(m)					
-	-	-	-	-	-	-		

Trench 12								
General o	description	n			Orientation	NNW-SSE		
Trench de	evoid of a	Length (m)	30					
and sand	onto the i	natural g	eology.		Width (m) 1.8			
					Avg. depth (m)	0.63		
Context	Туре	Width	Depth	Description	Finds	Date		
No.		(m)	(m)					
-	-	-	-	-	-	-		



APPENDIX B BIBLIOGRAPHY

Basildon Council, 2010-2011, *Basildon Borough Historic Environment Characterisation Project*. Essex County Council Historic Environment Branch. Unpublished document

Gilmour, N., 2023, Car Park 14 and Adjacent Land Laindon Link, Basildon, Essex. Written Scheme of Investigation. Oxford Archaeology. Unpublished document

Electronic Resources

BGS Map Viewer http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html accessed February 2023



APPENDIX C SITE SUMMARY DETAILS / OASIS REPORT FORM

Project Details											
OASIS Number	OX	र्rordar3	3-514302	_							
Project Name	Ca	Car Park 14 and Adjacent Land, Laindon Link, Basildon									
· Certification	Γ <u>26</u>	' '			7_,_	2 = 1 1					
Start of Fieldwork		0/03/202	23			f Fieldwork		22/03/2023			
Previous Work	No)			Future	e Work		Unknown			
Project Reference	Codes_			_							
Site Code	BA	ALL23		_	Planni	ing App. Nu	mber	22/01179/FUL			
HER Number				_		ed Numbers					
Deciment		Mation	- I Dlannin	~ D	-liou Era		חוב/				
Prompt Development Type	I		Residentia		Olicy Frai	mework (NF	727)				
Development Type					·· / og	* candi	/				
Place in Planning Pro	ocess	After i	ull determ	ina	tion (eg.	. As a condit	ion)				
Techniques used (t	rick all f	that ap	nlv)								
☐ Aerial Photography interpretation			Grab-samp	oling	;		Remo	ote Operated Vehicle Survey			
☐ Aerial Photograph	y - new		Gravity-cor	re		\boxtimes	Sample Trenches				
☐ Annotated Sketch			Laser Scanr	ning	3		Survey/Recording of				
- Augoring		П	Massured	cur		П		ic/Structure eted Trenches			
☐ Augering☐ Dendrochronologic	rey Surve	□ √ □	Measured : Metal Dete				Test I				
☐ Documentary Sear		у <u>П</u>	Phosphate					ographic Survey			
☐ Environmental San			Photogram					o-core			
☐ Fieldwalking	Tr. C		Photograph			,		al Inspection (Initial Site Visit)			
☐ Geophysical Surve	У		Rectified Pl	hoto	ography						
2.5 seemb	9 01	• a			Shippi			- • •			
Monument		riod		l '	Object	•		Period			
none	Nor			, 1	none			None			
nsert more lines as a	ppropri	ate.									
Project Location											
County	Essex			—		Address (j	ncludir	ng Postcode)			
District	Basildo	<u></u>			——————————————————————————————————————			adjacent land, Laindon			
Parish	Basildo				-	Link, Basild		•			
HER office	Essex	Ш			-	SS15 5AB	الالار الالا	SEX			
Size of Study Area	ESSEY			—		JJ1J J, 12					
National Grid Ref	•										
National Grid Nei	וע טיט	554 600	38		L						
Project Originators	2										
Organisation	ľ	Oxford	d Archaeolo		, Fact						
=	ntor.										
Project Kriet ()rigina		Essex County Council									
Project Brief Origina Project Design Origi			•								
Project Design Origi		Nick Gi	ilmour								
			ilmour ilmour								



Project Archives

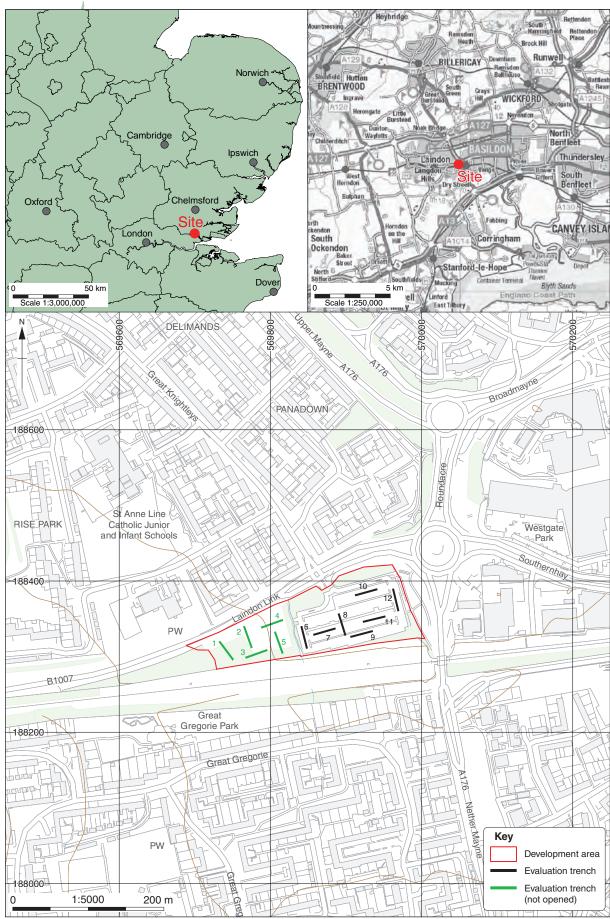
Physical Archive (Finds) Digital Archive Paper Archive

Location	ID
n/a	n/a
ADS	BALL23
No repository available	No repository available

Physical Contents	Present?		Digital files associated with Finds	Paperwork as with Finds	sociated
Animal Bones					
Ceramics					
Environmental					
Glass					
Human Remains					
Industrial					
Leather					
Metal					
Stratigraphic					
Survey					
Textiles					
Wood					
Worked Bone					
Worked Stone/Lithic					
None	\boxtimes		\boxtimes	\boxtimes	
Other					
Digital Media			Paper Media		
Database		\boxtimes	Aerial Photos		
GIS		\boxtimes	Context Sheets		
Geophysics			Correspondence		
Images (Digital photos)		\boxtimes	Diary		
Illustrations (Figures/Pla	tes)	\boxtimes	Drawing		
Moving Image			Manuscript		
Spreadsheets		\boxtimes	Map		
Survey		\boxtimes	Matrices		
Text		\boxtimes	Microfiche		
Virtual Reality			Miscellaneous		
			Research/Notes		
			Photos (negatives/prints	s/slides)	
			Plans		
			Report		\boxtimes
			Sections		
			Survey		

Further Comments





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Figure 1: Site location map

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Plate 1: Trench 6, looking south



Plate 2: Trench 8, looking south





Plate 3: Trench 10, looking west



Plate 4: Trench 12, looking south





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