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# Merland Rise Recreation Ground, Tadworth, Surrey, Phase II

Archaeological Evaluation Report



Planning Ref: 13/01729/OUT  
Ref: 107840.02  
March 2016



**Merland Rise Recreation Ground,  
Tadworth, Surrey,  
Phase II**

**Archaeological Evaluation Report**

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## Quality Assurance

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\* I = Internal Draft; E = External Draft; F = Final

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# Merland Rise Recreation Ground, Tadworth, Surrey, Phase II

## Archaeological Evaluation Report

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# **Merland Rise Recreation Ground, Tadworth, Surrey, Phase II**

## **Archaeological Evaluation Report**

### **Summary**

Wessex Archaeology was commissioned by Croudace Homes to carry out the second phase of an archaeological evaluation at Merland Rise Recreation Ground, Tadworth, Surrey, KT20 5LP.

The evaluation trenching was completed between the 7<sup>th</sup> December 2015 and the 10<sup>th</sup> December 2015, a previous phase of archaeological evaluation trenches was completed in February 2015. Within the first phase of evaluation seven trenches were opened, one of which contained a linear feature containing residual Mesolithic worked flints. Within this (second) phase of evaluation eleven 30m trenches were opened, these trenches were void of archaeological features. Within the second phase of archaeological works the evaluation showed that the natural geology had been truncated by previous site activity as a result of the landscaping and building of the leisure centre and associated car parking. No further archaeological finds or features were present.



# **Merland Rise Recreation Ground, Tadworth, Surrey, Phase II Archaeological Evaluation Report**

## **Acknowledgements**

Wessex Archaeology would like to thank Kristoffer Holmes, of Croudace Homes for commissioning the work and Nick Truckle, Surrey County Council Archaeological Officer, for his assistance and advice.

The evaluation was directed by Joanne Lathan, assisted by Emilia Seredynska and Lewis Ernest. This report was written and compiled by Joanne Lathan. The project was managed by David Britchfield of Wessex Archaeology (London & South East).



# Merland Rise Recreation Ground, Tadworth, Surrey, Phase II Archaeological Evaluation Report

## 1 INTRODUCTION

### 1.1 Project background

- 1.1.1 Wessex Archaeology were commissioned by Croudace Homes to carry out the second phase of an archaeological evaluation at Merland Rise Recreation Ground, Tadworth, Surrey, KT20 5LP (hereafter 'the Site', **Figures 1**), centred on National Grid Reference (NGR) 523229 157324.
- 1.1.2 The archaeological evaluation was undertaken in order to fulfil Condition 4 of the Planning application 13/01729/OUT which states: No development shall take place until the applicant has secured the implementation of a programme of archaeological work in accordance with a Written Scheme of Investigation which has been submitted by the applicant and approved by the Planning Authority.
- 1.1.3 The evaluation was conducted in accordance with a Written Scheme of Investigation (Wessex Archaeology 2015a), approved by the Local Planning Authority and with regard to the requirements of the Reigate and Banstead Borough Local Plan 2005 policy Pc 8.
- 1.1.4 The second phase of evaluation fieldwork took place from the 7<sup>th</sup> December 2015 to the 10<sup>th</sup> December 2015. Eleven trenches were opened, nine of which measured 30m x 1.8m and one measured 26m x 1.8m. This latter trench was shortened in order to maintain access onto Site. This report documents the results of the archaeological evaluation along with an assessment of the archaeological material recorded. **Trench 14** was only pulled to a length of 20m as asbestos was identified within the trench. After notifying the Site manager the trench was immediately backfilled.

### 1.2 The Site

- 1.2.1 The Site is located in Tadworth village in the borough of Reigate and Banstead, 500m west of Burgh Heath, Surrey. The Site is an irregular plot of land currently in use as recreational playing fields, community facilities and open space. It is accessible from Marbles Way to the east.
- 1.2.2 The Site lies at a height of approximately 170m above Ordnance Datum (aOD). The underlying geology of the area is Thanet Formation Sands in the south and Lewes Nodular Chalk Formation in the north. The superficial deposit across site is clay with flint formations (British Geological Survey 2014).

### 1.3 Archaeological background

- 1.3.1 A desk based assessment detailing the archaeological background of the Site has been prepared by Thames Valley Archaeological Services (TVAS 2012) with the assistance of the Surrey Historic Environment Record (HER). Presented below, with due acknowledgement, is a summary of those findings.



### 1.3.2 Prehistoric

Palaeolithic stone tools were found in 1961 on the southern edge of site. Other finds also include Mesolithic flints, two Neolithic polished axes and three Neolithic scrapers (Wessex Archaeology 2015a).

1.3.3 Within the first phase of evaluation a re-deposited assemblage of Mesolithic flint working activity was recorded from trench 4, where it had weathered into an east-west aligned linear cut feature and a tree hollow. 69 pieces of material were recovered including blades, cores and a tranchet axe (Wessex Archaeology 2015b).

### 1.3.4 Romano-British

A nearby evaluation and subsequent excavation by TVAS uncovered gullies dated to the 1<sup>st</sup> to 2<sup>nd</sup> century AD and a pit containing pottery dating to the late 2<sup>nd</sup> century, interpreted as part of a Romano-British field system with a possible nearby settlement (Wessex Archaeology 2015a).

### 1.3.5 Saxon

An excavation in 1986 exposed 42 shallow inhumation burials approximately 500m to the north west of the Site. Grave goods included Saxon knives, bronze belt fittings, a small biconical pot, a rock-crystal amulet with a bronze strap work holder and decorative bone knife fitting, all dating to the 6<sup>th</sup> and 7<sup>th</sup> century AD (Wessex Archaeology 2015a).

### 1.3.6 Medieval

Approximately 200m south-east of the Site are a complex of earthworks dating to around the 12<sup>th</sup> to 14<sup>th</sup> century AD, associated with a Medieval manor house called Preston Hawe. Further ditches and gullies around 200m north west of the Site, dated to the 12<sup>th</sup> to 13<sup>th</sup> century AD and representing Medieval field systems have also been noted. Around 200m to the north east of the Site, 13<sup>th</sup> to 14<sup>th</sup>-century AD lime-burning clamps and settlement evidence were also revealed in another TVAS excavation (Wessex Archaeology 2015a).

### 1.3.7 Previous Works

The first phase of the archaeological evaluation was carried out in February 2015 by Wessex Archaeology. Within that phase seven 30m x 2m trenches were opened. One trench contained a tree-throw hollow and an east-west orientated linear feature. Into these features worked flints of Mesolithic typology had weathered, other re-deposited worked flints were present within two other trenches; the remaining trenches were void of archaeology.

## 2 AIMS AND OBJECTIVES

2.1.1 The aims and objectives of the archaeological work were carried out in accordance with the current Chartered Institutes for Archaeologist's *Standard and Guidance for Archaeological Field Evaluation* (CIfA 2014a) the generic aim of the project can be defined as:

- *To locate, identify and to investigate and record the presence/absence of archaeological features or deposit.*
- *The evaluation, where possible, would confirm the extent, date, character, relationship, condition and significance of archaeological features, artefacts and deposits within the proposed development area.*
- *To inform the scope and nature of any requirements for any potential further fieldwork, whether additional watching brief, excavation or post-excavation work.*



- To enable the preservation by record of any archaeological features or deposits uncovered.
- To place any identified archaeological remains within their historical context.

### 3 METHODOLOGY

- 3.1.1 In accordance with the WSI (WA 2015b), the archaeological evaluation comprised the excavation of eleven trenches, ten measuring 30m x 1.8m, and one measuring 26m x 1.8m. **Trench 17** was shortened in order to maintain the access onto Site.
- 3.1.2 Trench locations were surveyed using a GPS Smart Net Rover and tied into the Ordnance Survey National Grid. All trenches were marked out prior to excavation to an accuracy of  $\pm 50$ mm and were 'swept' before and during excavation with a Cable Avoidance Tool (CAT) to verify the absence of any underground services.
- 3.1.3 Where services or other obstructions were observed trenches were relocated to appropriate positions in order to avoid these.
- 3.1.4 The excavation of the evaluation trenches was carried out by mechanical excavator in discrete 0.20m spits equipped with a toothless grading bucket to the top of the natural geology or at a depth of c.1m below ground surface whichever was initially encountered. All machine-excavation was monitored by an experienced archaeologist with topsoil and subsoil/overburden deposits stored separately and scanned for artefacts.
- 3.1.5 All potential archaeological features and deposits were assigned a unique context number. Features were hand excavated appropriately in order to ascertain their nature, date and function, and were fully recorded using WA's *pro forma* record sheets.
- 3.1.6 A photographic record was created using digital and colour and monochrome film. Particular attention was taken to record all trench locations to provide a full record of both the original and final condition of the trenches excavated.
- 3.1.7 The Site survey was carried out using a Leica GNSS Viva Net Rover unit using the OS National GPS Network through an RTK network with a 3D accuracy of 30mm or below. All survey data was recorded using the OSGB36 British National Grid coordinate system.
- 3.1.8 Nick Truckle, the Suffolk County Council Archaeological Officer (SCCAO) was kept informed of the progress of the archaeological fieldwork.
- 3.1.9 Due to on-site constraints it was necessary to relocate **Trenches 10, 12-16** and **18**. **Trench 17** was shortened to a length of 26m in order to maintain access in to and out of the Site.

### 4 HEALTH AND SAFETY

- 4.1.1 All work was carried out in accordance with the *Health and Safety at Work etc. Act 1974* and the *Management of Health and Safety Regulations 1992*, and all other relevant Health and Safety legislation, regulations and codes of practice in force at the time. Wessex Archaeology supplied a copy of their Health and Safety Policy and a Risk Assessment (WA 2013c) to the Client before the commencement of any fieldwork, and this was read and understood by all staff attending the Site before groundwork commenced.

## 5 ARCHAEOLOGICAL RESULTS

### 5.1 Introduction

5.1.1 **Figures 1 & 2** presents the overall location of each trench within the Site, while **Plates 1-5** provide illustrations of the evaluation with selected photographs and sections.

5.1.2 The following results should be read in conjunction with **Appendix 1**.

### 5.2 Site-wide stratigraphy and geology

5.2.1 The underlying geology of the Site comprised undulating Thanet Formation compacted sands of varying dark to light yellow brown sandy clay with varying amounts of gravel and flint inclusions at depths between 0.2m–0.55m bgl (171.17m aOD). Within **Trench 8** and **Trench 9** subsoil comprised mid grey-brown, sandy clay with rare rounded flint.

5.2.2 **Trenches 8-11** and **Trench 15** were all sealed by dark silty clay topsoil 0.1-0.3m thick with abundant tree rooting. Within **Trenches 12-14**, **Trench 16** and **Trench 17** the natural geology was sealed by a number of layers of made ground, sealed by the surface tarmac.

### 5.3 Trench descriptions

5.3.1 No archaeological features or deposits were identified within any of the trenches within this phase of the evaluation.

#### *Trench 8 (Plate 1)*

5.3.2 **Trench 8** was located within the eastern extent of the Site and was excavated to a depth of 0.4m (171.29m aOD). Very dark grey silty clay topsoil, with abundant tree rooting (801) sealed a mid grey brown sandy clay with rare rounded flint inclusions and abundant tree rooting (802) which in turn overlay a light yellow brown sandy clay natural geology with abundant rounded gravel in patches and some pink brown clay patches (803).

5.3.3 The topsoil and subsoil were very loose and friable, suggesting that the area had been affected by bioturbation due to the planting of woodland landscaping. No archaeological finds or features were identified within this trench.

#### *Trench 9*

5.3.4 **Trench 9** was located to the east of the Site and was excavated to a depth of 0.3m bgl (170.17 aOD) with a stratigraphic sequence similar to **Trench 8**. No archaeological finds or features were identified within this trench.

#### *Trench 10*

5.3.5 **Trench 10** was relocated to the west in order to avoid fenced storage areas. This trench was excavated to a depth of 0.4m bgl (170.53m aOD) where the natural geology was encountered. This consisted of mid yellow brown sandy clay with patches of abundant, rounded gravel (1002) and was sealed by deposit 1001, very dark grey brown topsoil with common grass rooting and modern building debris. No archaeological finds or features were identified within this trench. A hollow left by the removal of a modern tree-root bole was identified but was not investigated.

#### *Trench 11*

5.3.6 **Trench 11** was located within the north-east of the Site and was excavated to a depth of 0.36m bgl (171.39m aOD). The natural geology, 1102, consisted of dark yellowish orange sandy clay with light yellow patches, sealed by a very dark greyish brown silty clay topsoil (1101). No archaeological finds or features were identified within this trench.

*Trench 12 (Plate 2)*

- 5.3.7 **Trench 12** was moved in order to avoid an extant tennis court. The mid yellow orange sandy clay natural, 1204 and reddish orange clay natural, 1205 were encountered at a depth of 0.42m bgl (169.46m aOD). These were sealed by a light greenish silty sandy clay alluvial deposit, 1203 which contained rare CBM inclusions and was in turn sealed by two layers of made ground, 1202 and 1201. No archaeological finds or features were identified within this trench.

*Trench 13 (Plate 3)*

- 5.3.8 **Trench 13** was relocated in order to avoid standing structures and street lights. The natural geology, 1304, which comprised dark yellowish orange sand with clay patches, was encountered at a depth of 0.57m bgl (169.44m aOD). This was sealed by an alluvial green silty clay (1303) with occasional CBM inclusions at depths between 0.32-57m bgl and overlain by two layers of made ground 1302 and 1301. No archaeological finds or features were identified within this trench.

*Trench 14 (Plate 4 & 5)*

- 5.3.9 **Trench 14** located within the central area of the Site was relocated slightly to the south in order to avoid a chain link fence and steeply angled verge. The trench was not opened fully as asbestos was identified at 523318.4530, 157361.9570 (NGR). The site management was informed and the trench was immediately backfilled. The natural yellowish brown sand was identified 0.54m bgl (169.22m aOD), heavily truncated by modern activity. No archaeological finds or features were identified within this trench.

*Trench 15*

- 5.3.10 **Trench 15** relocated due to the proximity of a standing structure and a chain link fence. The natural dark yellow brown sand 1502, was encountered 0.2m bgl (170.52m aOD) and was sealed by a mid grey brown sandy clay topsoil, 1501. No archaeological finds or features were identified within this trench.

*Trench 16*

- 5.3.11 **Trench 16** located in the west of the Site was relocated eastwards due to the presence of overhead cables and services. The dark brown with yellow clay sand natural geology, 1604 was identified 0.45m bgl (169.63m aOD). This had been truncated in places by old services and a waste dumping event. The natural geology (1604) was sealed by three layers of made ground 1603, 1602 and 1601. No archaeological finds or features were identified within this trench.

*Trench 17*

- 5.3.12 **Trench 17** was shortened to a length of 26m in order to maintain access into the Site. The mid brownish orange silty clay natural, 1704 was identified 0.55m bgl (170.51m aOD). This was sealed by three layers of made ground 1703, 1702 and 1701. No archaeological finds or features were identified within this trench.

*Trench 18*

- 5.3.13 **Trench 18** was relocated in order to avoid services. The mid orange brown sandy clay natural (1802) was identified at a depth of 0.3m bgl (169.15m aOD) and was sealed by a very dark brown sandy clay topsoil, 1801. No archaeological finds or features were identified within this trench.



## 6 CONCLUSIONS

- 6.1.1 Within this second phase of evaluation, eleven trenches were opened, nine measuring 30m x 1.8m, one trench was shortened to 26m x 1.8m in order to maintain access into the Site. **Trench 14** was only excavated to a length of 20m x 1.8m when asbestos was encountered.
- 6.1.2 No archaeological finds or features were identified within the evaluation. The geological natural was identified in all trenches however it was evident that truncation had taken place. Within **Trenches 12 and 13** green sandy clay was identified (1303 and 1203, see Plate 2 and Plate 3) this may indicate an alluvial deposit and suggest a flooding event within the central area of the Site.
- 6.1.3 No evidence for the presence of Mesolithic activity in the vicinity, as revealed in the first phase of the evaluation, was identified within this second more southerly phase.
- 6.1.4 Based on the results from the second phase of the evaluation, the proposed development will not impact on archaeological deposits or features as the land around the former Leisure centre has been thoroughly disturbed, probably during its construction. The assemblage of Mesolithic flint recovered further up the hill in the first phase of evaluation trenching was evidently a chance survival due to fortuitous ground conditions.

## 7 STORAGE AND CURATION

### 7.1 Museum

- 7.1.1 The information will be deposited within the Historic Environment Record (HER) maintained by Surrey County Council where it can be freely copied without reference to Wessex Archaeology for the purposes of archaeological research or Development Control within the planning process.

### 7.2 Preparation of Archive

- 7.2.1 The complete project archive which will include paper records, photographic records, graphics, artefacts and digital data, will be prepared for the County Museum Service, and in general following nationally recommended guidelines (SMA 1995; ClfA 2014b; Brown 2011).
- 7.2.2 The County museum is Guildford Museum, Castle Arch, Guildford, Surrey, GU1 3SX, which is currently not accepting archaeological archives. In the absence of a recipient museum, the archive will be temporarily retained at Wessex Archaeology Head Office, Portway House, Old Sarum Park, Salisbury, Wiltshire, SP4 6EB until deposition of the archive can be arranged.

### 7.3 OASIS

- 7.3.1 An OASIS online record has been initiated for the work and key fields in regard of the evaluation has been entered under OASIS ID wessexar1-234218. All appropriate parts of the OASIS online form will be completed for submission to the Surrey Historic Environment Record. This will include an uploaded .Pdf version of the entire report.

### 7.4 Security Copy

- 7.4.1 In line with current best practice (Brown 2011), on completion of the project a security copy of the written records will be prepared, in the form of a digital PDF/A file. PDF/A is an ISO-standardised version of the Portable Document Format (PDF) designed for the digital

preservation of electronic documents through omission of features ill-suited to long-term archiving.

## 7.5 Copyright

- 7.5.1 The full copyright of the written/illustrative archive relating to the Site will be retained by Wessex Archaeology Ltd under the *Copyright, Designs and Patents Act 1988* with all rights reserved. The County HER, however, will be granted an exclusive licence for the use of the archive for educational purposes, including academic research, providing that such use shall be non-profit making, and conforms to the *Copyright and Related Rights* regulations 2003.

## 8 REFERENCES

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## 9 APPENDICES

### 9.1 Appendix 1:Trench Tables

<b>Trench 08</b>	<b>Dimensions :</b>	29.11m x 1.8m x 0.4m	<b>Ground surface level:</b>	171.299
	<b>Centre line Coordinates (NGR):</b>	523423 157367 253440 157343		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>	<b>Depth (m bgl)</b>	
801	Layer	Topsoil: Very dark grey brown silty clay with abundant tree rooting. Loose <b>Strat:</b> Seals 802	0.00-0.15	
802	Layer	Subsoil: Mid grey brown sandy clay with rare rounded flint and abundant tree roots. <b>Strat:</b> Seals 803 and sealed by 802	0.15-0.36	
803	Layer	Natural: Light yellow brown sandy clay with abundant rooting and patches of abundant gravel, some patches of pink brown clay. <b>Strat:</b> Sealed by 802	0.36+	
<b>Comments:</b> No archaeological finds or features identified				

<b>Trench 09</b>	<b>Dimensions :</b>	29.566m x 1.8m x 0.3m	<b>Ground surface level:</b>	170.176
	<b>Centre line Coordinates (NGR):</b>	523423 157337 523448 157321		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>	<b>Depth (m bgl)</b>	
901	Layer	Topsoil: Very dark grey brown silty clay with abundant tree roots. <b>Strat:</b> Seals 902	0.00-0.1	
902	Layer	Subsoil: Mid grey brown silty clay with abundant tree roots. Loose <b>Strat:</b> Seals 903, sealed by 901	0.1-0.2	
903	Layer	Natural: Light yellow brown sandy clay with tree roots and patches of abundant gravel and clay <b>Strat:</b> Sealed by 902	0.2+	
<b>Comments:</b> No archaeological finds or features identified				

<b>Trench 10</b>	<b>Dimensions :</b>	30.26m x 1.8m x 0.4m	<b>Ground surface level:</b>	170.527
	<b>Centre line Coordinates (NGR):</b>	523399 157357 523407 157329		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>	<b>Depth (m bgl)</b>	
1001	Layer	Topsoil: Very dark grey brown silty clay with common grass rooting occasional modern debris and rare round flint. <b>Strat:</b> Seals 1002	0.00-0.23	
1002	Layer	Natural: Mid yellow brown sandy clay with patches of abundant rounded gravel <b>Strat:</b> Sealed by 1001	0.23+	





**Comments:** No archaeological finds or features identified

Trench 11	Dimensions :	30.65m x 1.8m x 0.36m	Ground surface level:	171.398
	Centre line Coordinates (NGR):	523359 157369 523389 157373		
Context No.	Category	Description	Depth (m bgl)	
1101	Layer	Topsoil: Very dark greyish brown silty clay, heavily rooted with occasional chalk inclusions	0.00-0.30	
		<b>Strat:</b> Seals 1102		
1102	Layer	Natural: Dark brown yellowish orange sandy clay with abundant rounded gravel and yellow sand patches	0.3+	
		<b>Strat:</b> Sealed by 1101		

**Comments:** No archaeological finds or features identified

Trench 12	Dimensions :	28.25m x 1.8m x 0.5m	Ground surface level:	169.467
	Centre line Coordinates (NGR):	523365 157318 523392 157327		
Context No.	Category	Description	Depth (m bgl)	
1201	Layer	Tarmac	0.00-0.04	
		<b>Strat:</b> Seals 1202		
1202	Layer	Made ground: Red gravel made ground	0.04-0.22	
		<b>Strat:</b> Seals 1203 sealed by 1201		
1203	Layer	Made ground: Light greenish silty sandy clay with some brick inclusions	0.22-0.42	
		<b>Strat:</b> Seals 1204 sealed by 1202		
1204	Layer	Natural: Reddish orange clay	0.42+	
		<b>Strat:</b> Sealed by 1203		
1205	Layer	Natural: Mid yellowish orange sandy clay with rare stones	0.42+	
		<b>Strat:</b> Sealed by 1203		

**Comments:** No archaeological finds or features identified

Trench 13	Dimensions :	29.886m x 1.8m x 0.6m	Ground surface level:	169.439
	Centre line Coordinates (NGR):	523360 157334 523389 157433		
Context No.	Category	Description	Depth (m bgl)	
1301	Layer	Tarmac	0.00-0.1	
		<b>Strat:</b> Seals 1302		
1302	Layer	Made ground type 1 gravel	0.1-0.32	
		<b>Strat:</b> Seals 1303 sealed by 1301		
1303	Layer	Alluvial: Green silty clay alluvial deposit with occasional CBM inclusions	0.32-0.57	
		<b>Strat:</b> Sealed by 1302, seals 1304		



1304	Layer	Natural: Dark yellowish orange sand with greyish patches containing stones	0.57+
		<b>Strat:</b> Sealed by 1303	
<b>Comments:</b> No archaeological finds or features identified			

<b>Trench 14</b>	<b>Dimensions :</b>	20.826m x 1.8m x 1m	<b>Ground surface level:</b>	169.217
	<b>Centre line Coordinates (NGR):</b>	523318 157361 523337 157368		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>	<b>Depth (m bgl)</b>	
1401	Layer	Tarmac	0.00-0.1	
		<b>Strat:</b> Seals 1402		
1402	Layer	Made ground gravel with yellow sand	0.1-0.26	
		<b>Strat:</b> Seals 1403 and sealed by 1401		
1403	Layer	Tarmac poor condition	0.26-0.34	
		<b>Strat:</b> Seals 1404 sealed by 1402		
1404	Layer	Made ground light greyish yellow sandy clay with stones and chalk inclusions	0.34-0.4	
		<b>Strat:</b> Seals 1405 sealed by 1403		
1405	Layer	Made ground, bricks and chalk inclusions	0.4-0.54	
		<b>Strat:</b> Seals 1406 sealed by 1404		
1406	Layer	Made ground, very mixed mid yellowish orange sand with clay parches	0.54+	
		<b>Strat:</b> Seals 1407 sealed by 1405		
1407	Layer	Natural: mid yellowish brown sandy clay	0.54+	
		<b>Strat:</b> Sealed by 1406		
<b>Comments:</b> No archaeological finds or features identified. Asbestos Identified.				

<b>Trench 15</b>	<b>Dimensions :</b>	30.225m x 1.8m x 0.45m	<b>Ground surface level:</b>	170.516
	<b>Centre line Coordinates (NGR):</b>	523279 157358 523307 157369		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>	<b>Depth (m bgl)</b>	
1501	Layer	Topsoil: Mid grey brown sandy clay with abundant grass rooting with anti erosion rubber matting	0.00-0.20	
		<b>Strat:</b> Seals 1502		
1502	Layer	Natural: Dark yellow brown sand with rare rounded flint inclusions occasionally truncated by modern cement footings	0.20+	
		<b>Strat:</b> Sealed by 1501		
<b>Comments:</b> No archaeological finds or features identified				

<b>Trench 16</b>	<b>Dimensions :</b>	29.4m x 1.8m x 0.55m	<b>Ground surface level:</b>	169.628
	<b>Centre line Coordinates (NGR):</b>	523243 157307 523271 157316		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>	<b>Depth (m bgl)</b>	



1601	Layer	Tarmac	0.00-0.05
		<b>Strat:</b> Seals 1602	
1602	Layer	Made ground red sand and rounded pebble type 1	0.05-0.35
		<b>Strat:</b> Seals 1603 and sealed by 1601	
1603	Layer	Made ground sandy clay natural with occasional building debris, brick, flint and chalk nodules	0.35-0.45
		<b>Strat:</b> Seals 1604 and sealed by 1602	
1604	Layer	Natural: dark brown yellow sandy clay	0.45+
		<b>Strat:</b> Sealed by 1603	
<b>Comments:</b> No archaeological finds or features identified			

<b>Trench 17</b>	<b>Dimensions :</b>	26.18m x 1.8m x 0.6	<b>Ground surface level:</b>	170.51
	<b>Centre line Coordinates (NGR):</b>	523226 157347 523227 157321		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>		<b>Depth (m bgl)</b>
1701	Layer	Tarmac	0.00-0.14	
		<b>Strat:</b> Seals 1702		
1702	Layer	Made ground dark greyish black sandy clay containing brick fragments	0.14-0.40	
		<b>Strat:</b> Seals 1703 and sealed by 1701		
1703	Layer	Alluvial Dark yellowish brown sand with sparse flints and sandstone	0.40-0.55	
		<b>Strat:</b> Seals 1704 and sealed by 1702		
1704	Layer	Natural: Mid brownish orange silty clay with patches of natural flint	0.55+	
		<b>Strat:</b> Sealed by 1703		
<b>Comments:</b> No archaeological finds or features identified. Shortened to maintain access				

<b>Trench 18</b>	<b>Dimensions :</b>	30.32m x 1.8m x 0.45m	<b>Ground surface level:</b>	169.152
	<b>Centre line Coordinates (NGR):</b>	523266 157304 523249 157279		
<b>Context No.</b>	<b>Category</b>	<b>Description</b>		<b>Depth (m bgl)</b>
1801	Layer	Topsoil: Very dark brown sandy clay with abundant grass rooting and rare rounded flint inclusions	0.00-0.3	
		<b>Strat:</b> Seals 1802		
1802	Layer	Natural: Mid orange brown sandy clay with some rounded flint inclusions. Truncated in places by modern disturbance	0.3+	
		<b>Strat:</b> Sealed by 1801		
<b>Comments:</b> No archaeological finds or features identified				



## 9.2 Appendix 2: Oasis Form

# OASIS DATA COLLECTION FORM: England

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**OASIS ID: wessexar1-234218**

### Project details

Project name	Merland Rise Recreation Ground, Tadworth, Surrey, Phase II
Short description of the project	Second phase of evaluation, the first completed in feb 2015 identified a single linear feature and a tree hollow into which mesolithic flints were recovered. Within the second phase 11 trenches were opened and no archaeological finds of features were identified.
Project dates	Start: 07-12-2015 End: 10-12-2015
Previous/future work	Yes / Not known
Any associated project reference codes	107840 - Sitecode
Any associated project reference codes	wessar1-202011 - OASIS form ID
Type of project	Field evaluation
Site status	None
Current Land use	Community Service 1 - Community Buildings
Methods & techniques	"Photographic Survey", "Sample Trenches", "Survey/Recording Of Fabric/Structure"
Development type	Car park (flat)
Prompt	Planning condition
Position in the planning process	Not known / Not recorded

### Project location

Country	England
Site location	SURREY REIGATE AND BANSTEAD BANSTEAD Merland Rise Recreation Ground, Tadworth, Surrey
Postcode	KT20 5LP
Study area	0 Square metres
Site coordinates	TQ 23229 57324 51.301165785302 -0.232141352432 51 18 04 N 000 13 55 W Point



Lat/Long Datum 523299/157324  
(other)  
Height OD / Depth Min: 169.29m Max: 171.05m

#### Project creators

Name of Organisation Wessex Archaeology  
Project brief originator Wessex Archaeology  
Project design originator Croudance Homes  
Project director/manager A Crockett  
Project supervisor Joanne Lathan  
Type of sponsor/funding body Developer

#### Project archives

Physical Archive Exists? No  
Physical Archive recipient Guildford Museum  
Physical Archive ID 107840  
Digital Archive recipient Guildford Museum  
Digital Archive ID 107840  
Digital Media available "GIS", "Images raster / digital photography", "Survey", "Text"  
Paper Archive recipient Guildford Museum  
Paper Archive ID 107840  
Paper Media available "Context sheet", "Correspondence", "Diary", "Map", "Microfilm", "Notebook - Excavation", "Research", "General Notes", "Photograph", "Plan", "Report", "Section", "Survey", "Unpublished Text"

#### Project bibliography 1

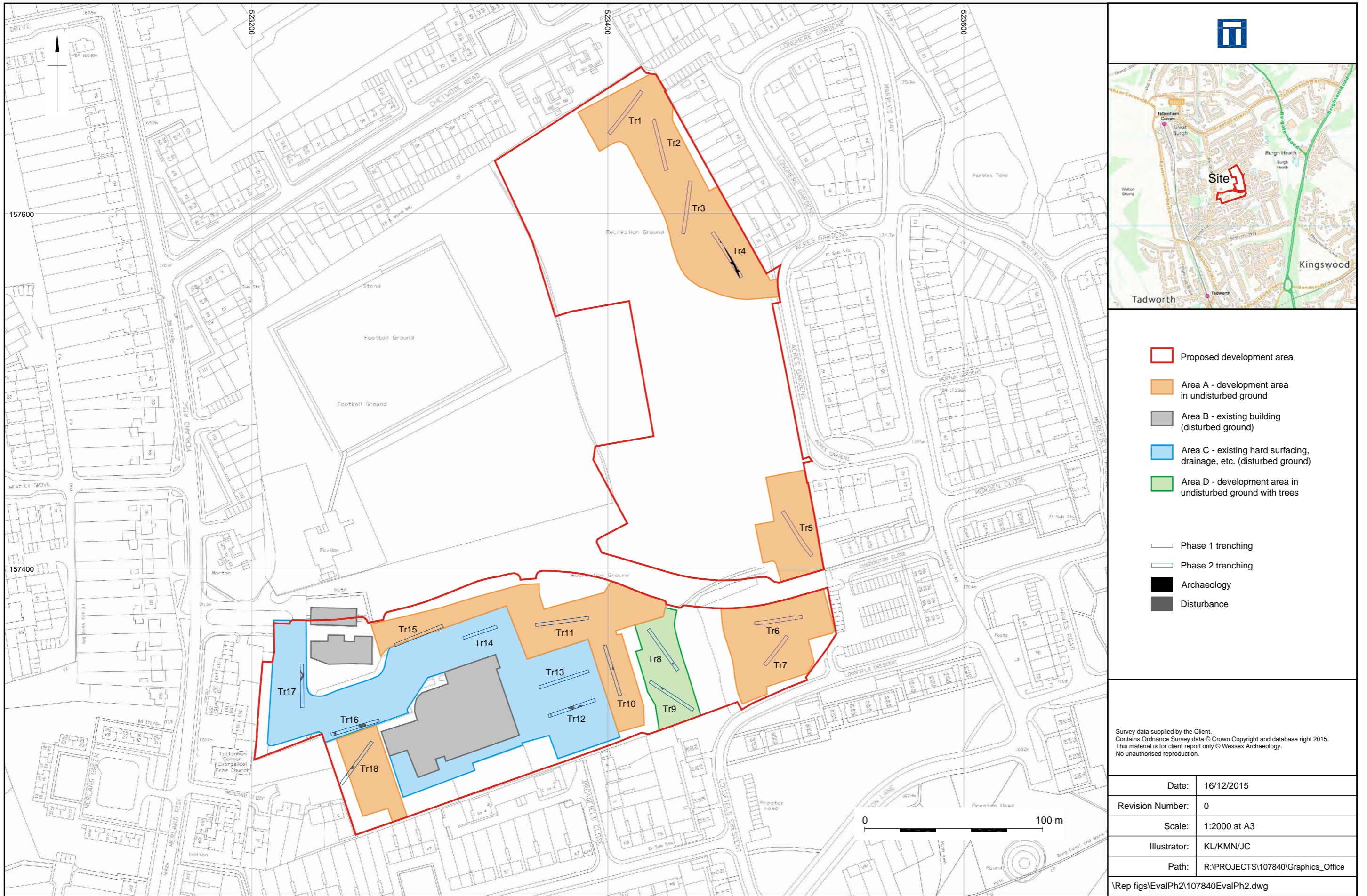
Publication type Grey literature (unpublished document/manuscript)  
Title Merland Rise Recreation Ground, Tadworth, Surrey, Phase II  
Author(s)/Editor(s) Lathan, J.  
Other bibliographic details 107840.2  
Date 2015  
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Description 20 page A4 report including technical summary, figures and plates



Entered by joanne lathan (joanne\_l@wessexarch.co.uk)  
Entered on 14 December 2015

## OASIS:

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Site location plan and trench locations

Figure 1



Plate 1: Trench 8, viewed from the North

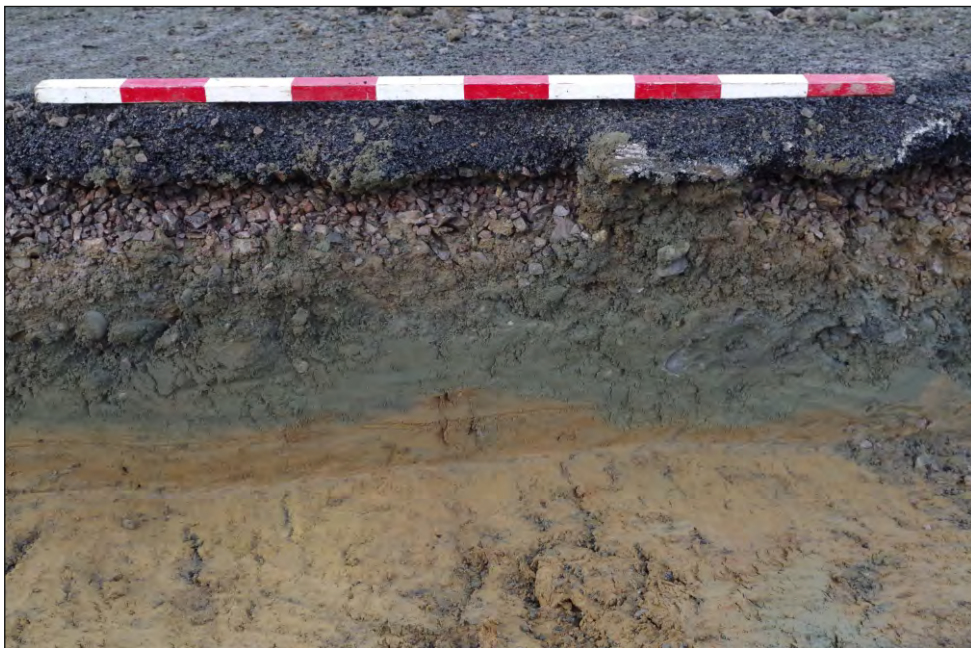


Plate 2: Trench 12, representative section viewed from the South


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	Date:	16/12/2015	Revision Number:	0
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Plate 3: Trench 13, viewed from the East



Plate 4: Trench 14, representative section viewed from the North



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Plate 5: Trench 14, truncation viewed from the Northeast

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