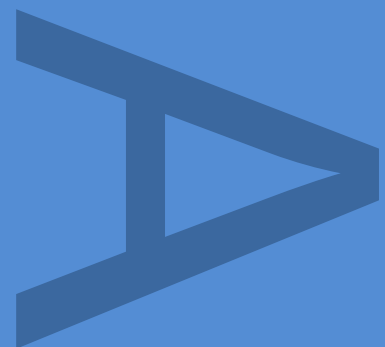


**4 SPRING TERRACE  
LONDON BOROUGH OF RICHMOND  
UPON THAMES**

**ARCHAEOLOGICAL WATCHING  
BRIEF**

**PCA REPORT NO: 11312  
SITE CODE: SPN12  
OCTOBER 2012**



**PRE-CONSTRUCT ARCHAEOLOGY**

**4 SPRING TERRACE  
LONDON BOROUGH OF RICHMOND UPON THAMES  
TW9  
AN ARCHAEOLOGICAL WATCHING BRIEF**

**Site Code:** SPN12

**Central NGR:** TQ 1822 7489

**Local Planning Authority:** London Borough of Richmond Upon Thames

**Planning Reference:** P12/0477/HOT

**Commissioning Client:** CgMs Consulting

**Written/Researched by:** Sarah Barrowman  
Pre-Construct Archaeology Limited

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**October 2012**



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DOCUMENT VERIFICATION

4 SPRING TERRACE  
LONDON BOROUGH OF RICHMOND UPON  
THAMES

ARCHAEOLOGICAL WATCHING BRIEF

Quality Control

Pre-Construct Archaeology Limited			K2913
	Name & Title	Signature	Date
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Graphics Prepared by:	Mark Roughley		October 2012
Graphics Checked by:	Josephine Brown		October 2012
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## **1 ABSTRACT**

- 1.1 An Archaeological Watching Brief was undertaken by Pre-Construct Archaeology Limited at 4 Spring Terrace, London Borough of Richmond Upon Thames. The work was undertaken on the 13<sup>th</sup> September and 10<sup>th</sup> October 2012.
- 1.2 The watching brief monitored the excavation of a basement extension to the rear of the property. The watching brief was maintained until the surface of the Kempton Park Gravels was encountered, beyond which no deposits or features of archaeological interest would be expected.
- 1.3 The aim of the work was to determine the date of the earliest human activity in the area, to establish an occupation sequence, to inform upon the understanding of past activity in Richmond, and to preserve by record any significant archaeological deposits that were present.
- 1.4 An intact deposition sequence was observed to have survived within the area subject to excavation for the construction of the new basement, though no archaeological features or evidence pre-dating the late post-medieval period was observed.

## 2 INTRODUCTION

- 2.1 An Archaeological Watching Brief was undertaken by Pre-Construct Archaeology Ltd during the excavation of a basement extension associated with the redevelopment of 4 Spring Terrace, in the London Borough of Richmond Upon Thames. The watching brief was undertaken on the 13<sup>th</sup> September and 10<sup>th</sup> of October 2012. The archaeological project was commissioned, designed and overseen by Richard Meager of CgMs Consulting. Tim Bradley managed the project for Pre-Construct Archaeology Ltd and the watching brief was undertaken by Stuart Watson and Sarah Barrowman of Pre-Construct Archaeology Ltd.
- 2.2 The site lies within the London Borough of Richmond Upon Thames, is 666.81m<sup>2</sup> in size, and is located on the southern side of Spring Terrace, near the junction with Sheen Road (Figures 1 and 2). It is centred at National Grid Reference TQ 1822 7489.
- 2.3 The groundworks were undertaken by the on-site contractor, and were monitored by the attendant archaeologist.
- 2.4 The project was allocated the Museum of London Site Code SPN12. Following the completion of the project the entire site archive will be deposited at the London Archaeological Archive and Research Centre under that code.
- 2.5 All works were undertaken in accordance with an approved Written Scheme of Investigation (Meager 2012 b) and the following guidance:
- Greater London Archaeology Advisory Service: Standards for Archaeological Work: London Region, English Heritage, External Consultation Draft (English Heritage 2009)
  - Management of Archaeological Projects (English Heritage 1990)
- 2.6 Prior to the start of the fieldwork CgMs Consulting had produced an archaeological Desk-Based Assessment for the site (Meager 2012 a).

### 3 PLANNING BACKGROUND

- 3.1 An Archaeological Desk based assessment of the site was prepared in support of the planning application for redevelopment at 4 Spring Terrace, Richmond (Meager 2012a). This report indicated a modest potential for the prehistoric periods.
- 3.2 The site subsequently received planning permission for redevelopment (Planning ref: P12/0477/HOT). A schedule of planning conditions was issued, including Condition LB12B Archaeology, which specified that:

**On the applicant site until the applicant or their agent or successors in title 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 in writing by the Local Planning Authority. Following approval of the written scheme of investigation any subsequent field work and assessment report required shall be submitted by the applicant and approved in writing by the Local Planning Authority. No development shall be carried out until such a report has been approved [unless otherwise agreed in writing by the Local Planning Authority]**

**REASON: to safeguard any archaeological interest in the site.**

- 3.3 To meet with the requirements of the above, this document details the results of an archaeological monitoring and recording exercise to clarify the presence/absence, date, condition and character of any archaeological remains in order that the need for and scope of any further mitigation measures can be established. The fieldwork was undertaken in accordance with the approved written scheme of investigation (Meager 2012b).

## **4 GEOLOGICAL AND TOPOGRAPHICAL BACKGROUND**

### **4.1 Geology**

4.2 The solid geology of the site is shown by the Institute of Geological Sciences (IGS 1979) as London Clay deposits forming the London Basin.

4.3 British Geological Survey Sheet 270 (South London 1998) shows the underlying geology of the site to comprise Kempton Park Gravels, defined as 'Post-diversionary Thames River Terrace Deposits: gravel, sandy and clayey in part'.

### **4.4 Topography**

4.5 The site is generally level at c.12.8m AOD.

4.6 No naturally occurring bodies of water are known from the vicinity of the site. The River Thames flows from south to north c.600m to the west of the site.



## **5 ARCHAEOLOGICAL BACKGROUND**

- 5.1 The archaeological and historical background to the site is described in full in the Desk Based Assessment (Meager 2012 a). A summary of the potential for the site, as assessed in this document, is as follows:
- 5.2 Activity in the Richmond area during the prehistoric periods is thought to have concentrated around the river c.600m west of the site, as the known findspots attest.
- 5.3 The sole find of Roman date within a 500m radius of the site comprises a single residual Roman potsherd found at 10-12 Parkshot/5-21 Kew Road to the northwest of the site.
- 5.4 During the Anglo-Saxon and Medieval periods the site is thought to have lain to the east of known areas of activity and settlement with the site itself most likely to have been located in agricultural land.
- 5.5 Numbers 1-6 Spring Terrace have been dated to the later 18<sup>th</sup> century (<http://list.english-heritage.org.uk/> National Heritage List Entry 1357752). Information from Richmond Local Studies Library suggests Spring Terrace was laid out 1825-26, however this is not borne out by the map evidence or the listed building description. The Ordnance Survey map of 1804 shows buildings at the site, and the First Edition Ordnance Survey of 1866 shows the presence of Spring Terrace and the building occupying the site, with gardens to the front and rear. Essentially no further substantial changes are noted within the site on subsequent maps and plans.

## **6 METHODOLOGY**

- 6.1 The watching brief was conducted according to a Written Scheme of Investigation (WSI) prepared by CgMs Consulting (Meager 2012 b).
- 6.2 The WSI also stated that the general aims and objectives for the mitigation were as follows:
- To determine if possible the date of the earliest human activity in this area and the subsequent sequence of occupation.
  - To help further inform our understanding of past activity in the Richmond area.
  - To record any significant archaeological deposits which may be exposed during construction work.
- 6.3 A mechanical excavator with a toothless ditching bucket was used under archaeological supervision to remove non-archaeological soils to the surface of the natural terrace gravels.
- 6.4 All deposits were monitored and recorded by the attendant archaeologist using the single context recording system. The deposits were assigned individual context numbers.
- 6.5 Heights above Ordnance Datum were established from the surveyed ground level on the site.
- 6.6 The completed archive, comprising all plans, section drawings, context sheets and photographic records will be deposited with the London Archaeological Archive and Research Centre (LAARC) under the Site Code SPN12.

## **7            ARCHAEOLOGICAL SEQUENCE**

### **7.1            Phase 1**

7.1.1            The earliest deposit encountered were the terrace gravels [4]. These were composed of moderately compacted mid orangery yellow sandy gravels, medium in size and round to sub-round in shape. These were recorded at a highest level of 12.17m OD, and formed the limit of the archaeological watching brief.

### **7.2            Phase 2**

7.2.1            Sealing the gravels [4] was a 0.32m thick probable colluvial layer [3]. This was recorded from 12.44m OD, and was composed of friable mid yellowish brown silty sand and contained a moderate amount of medium to large sized sub-rounded gravels.

### **7.3            Phase 3**

7.3.1            The probable colluvium [3] was overlain by a 0.22m thick friable layer of sub-soil [2], composed of mid greyish-brown sandy silt. This contained occasional sherds of late 19<sup>th</sup>/20<sup>th</sup> century pottery and ceramic building material and frequent sub rounded to sub angular medium sized gravels, and was observed from 12.66m OD.

7.3.2            The final deposit in the sequence was the topsoil [1], which formed the present garden surface. This was composed of friable dark greyish black sandy silt with occasional post-medieval ceramic building material and sub angular gravels of a medium size. This layer was 0.22m thick and seen from 12.80m OD.

## **8 INTERPRETATION AND CONCLUSIONS**

- 8.1 No archaeological features were observed during the archaeological monitoring works.
- 8.2 An intact deposit sequence to the surface of the Kempton Park Gravels was observed to have survived on the site. The gravel was sealed by a probable reworked colluvial deposit from which fragments of late 19<sup>th</sup> century to modern pottery and ceramic building material were recovered. This is not unexpected from a location which has been utilised as a garden since the late 18<sup>th</sup> century. No evidence of activity pre-dating the late post-medieval/modern period was recorded during the fieldwork.
- 8.3 The results of the archaeological investigation upon the site will be published as an entry in the *London Archaeologist* 'Round Up'.

## **9 ACKNOWLEDGEMENTS**

- 9.1 Pre-Construct Archaeology Limited would like to thank Richard Meager of CgMs Consulting for commissioning the work, and to the Terry Heather and the groundworkers for their assistance on site.
- 9.2 The author would like to thank Mark Roughley for the illustrations and Tim Bradley for his project management and editing.

## 10 BIBLIOGRAPHY

Bradley, T. 2012. *Risk Assessment: 4 Spring Terrace, London Borough of Richmond Upon Thames*. Pre-Construct Archaeology Ltd, Unpublished Report.

Meager, R. 2012 a. *Archaeological Desk Based Assessment – 4 Spring Terrace, Richmond Upon Thames*. CgMs Ltd, Unpublished Report.

Meager, R. 2012 b. *Written Scheme of Investigation for an Archaeological Monitoring Exercise – 4 Spring Terrace, Richmond Upon Thames*. CgMs Ltd, Unpublished Report

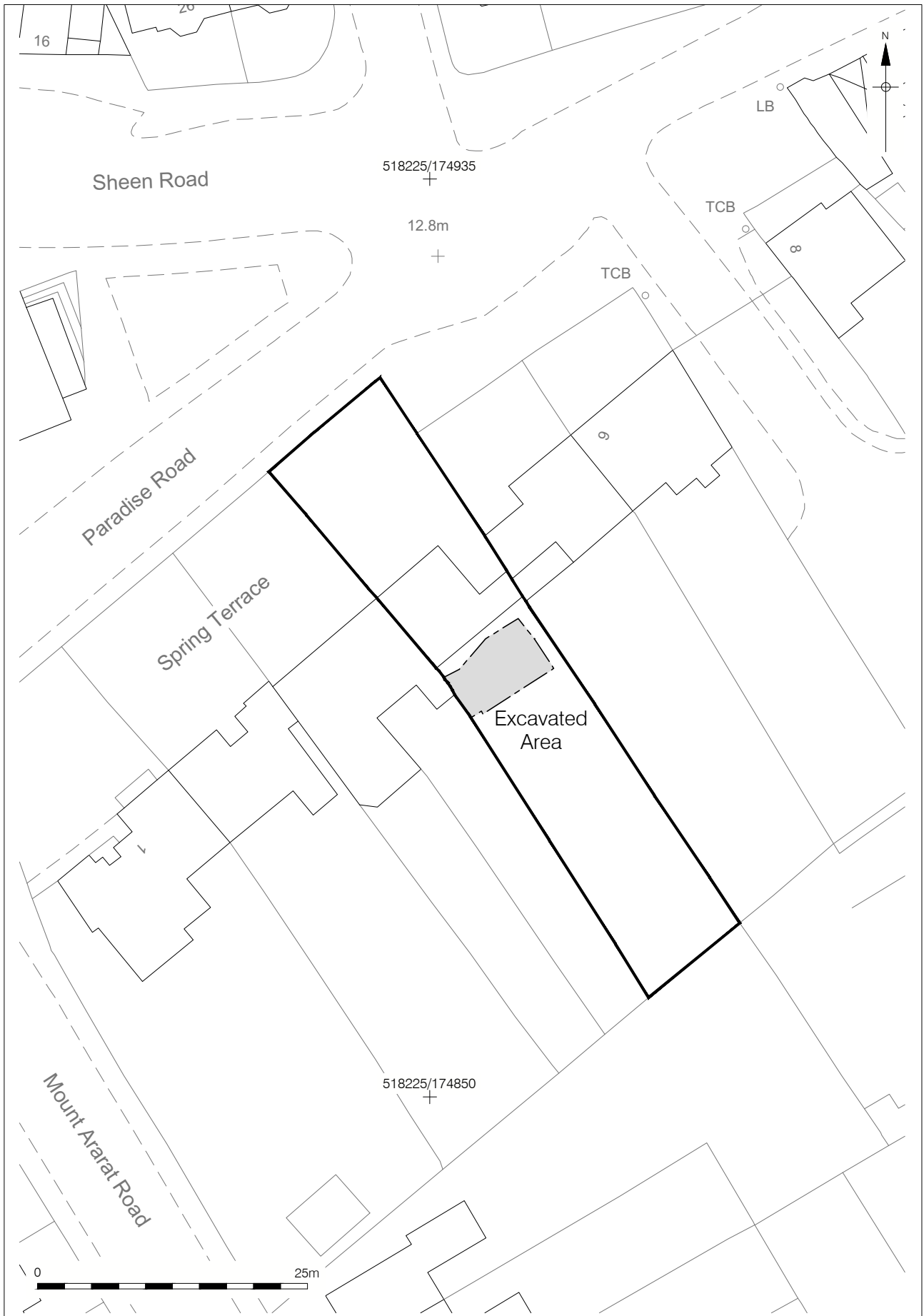


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12/10/12 MR

Figure 1  
 Site Location  
 1:20,000 at A4



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12/10/12 MR

Figure 2  
Detailed Site and Trench Location  
1:500 at A4



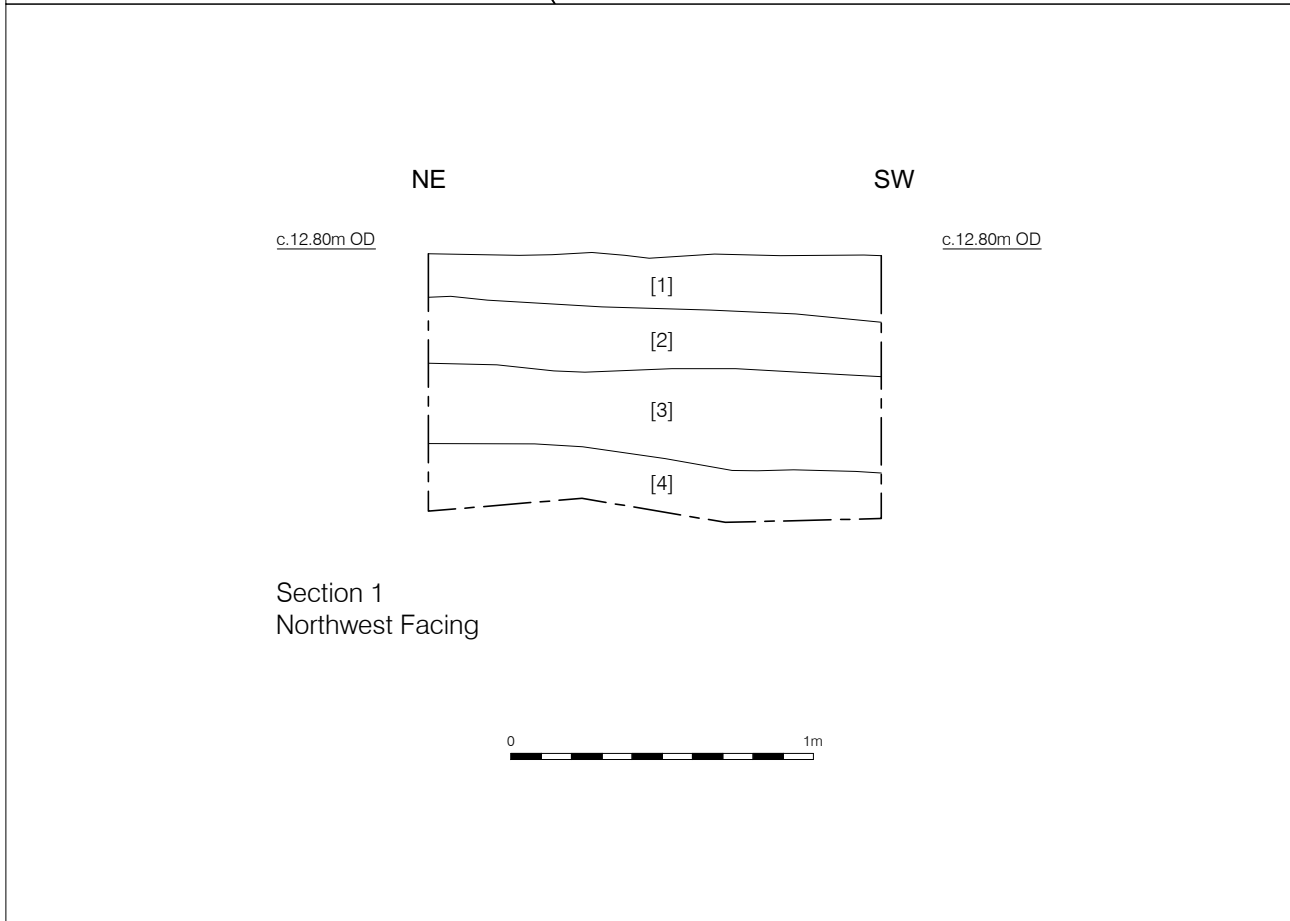
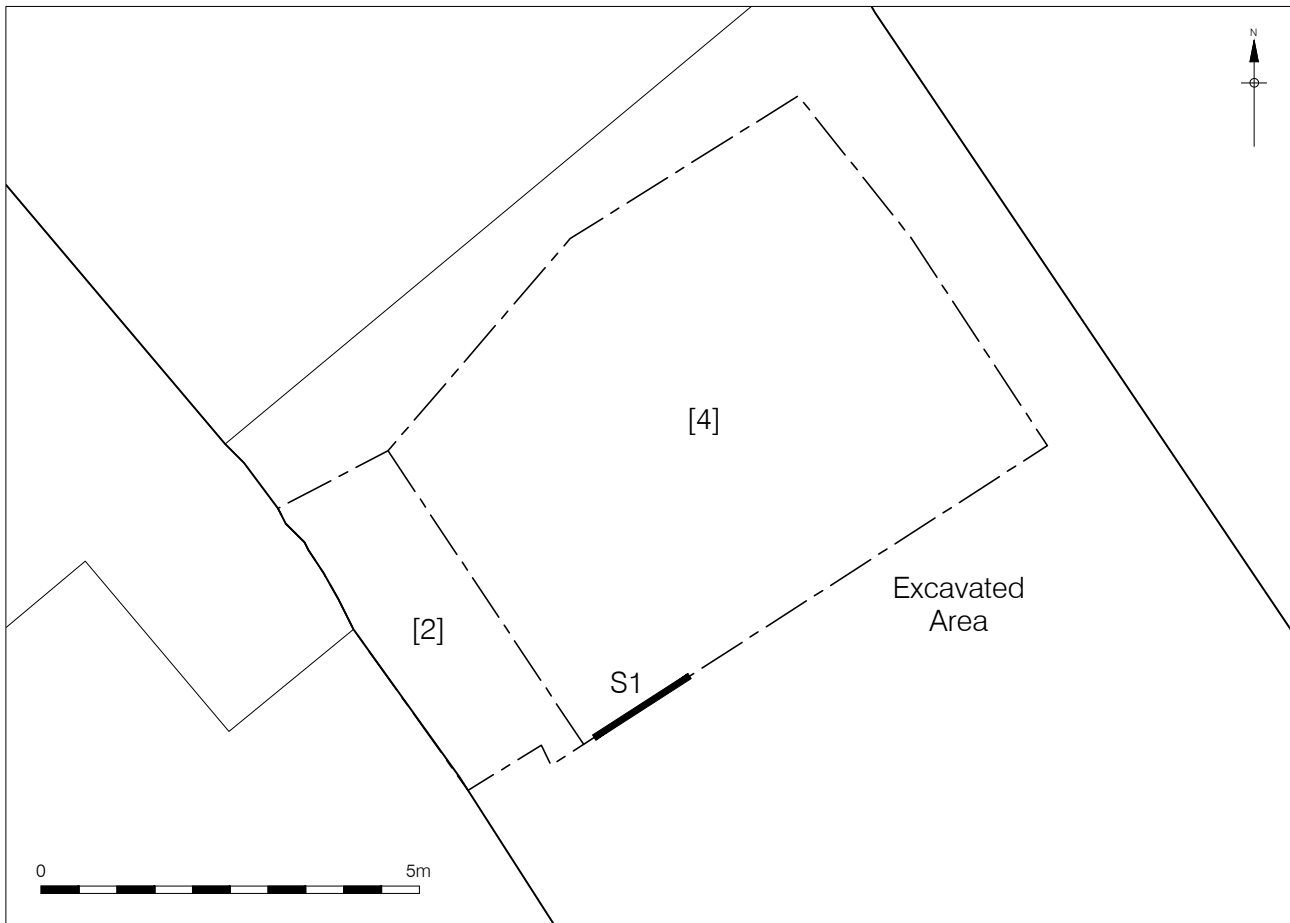
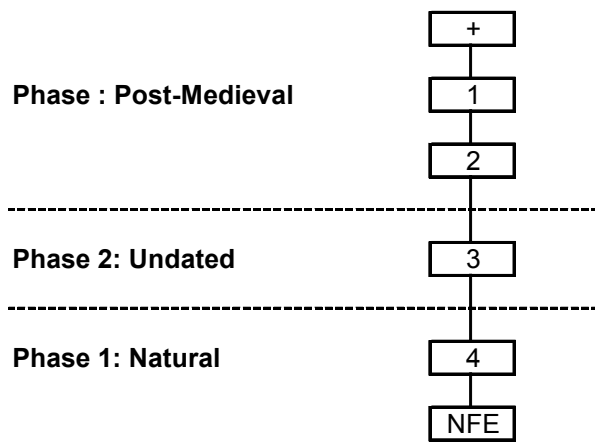


Figure 3  
 Trench Plan and Section  
 Plan 1:100, Section 1:25 at A4

## APPENDIX 1: CONTEXT INDEX

Context No.	Plan	Section / Elevation	Type	Description	Date	Phase
1	-	1	Layer	Topsoil	Post-Medieval	3
2	Basement	1	Layer	Sub-Soil	Post-Medieval	3
3	-	1	Layer	Colluim	Undated	2
4	Basement	1	Natural	Terrace Gravels	Geological	1

## APPENDIX 2: SITE MATRIX



### APPENDIX 3: PLATES



**Plate 1: View of the Watching Brief Area During Excavation Through Natural Strata**



**Plate 2: Northwest Facing Representative Section of the Deposits.**

## APPENDIX 4: OASIS FORM

OASIS ID: preconst1-135706

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### Project details

Project name	4 Spring Terrace - An Archaeological Watching Brief
Short description of the project	An Archaeological Watching Brief was undertaken by Pre-Construct Archaeology Limited at 4 Spring Terrace, in the London Borough of Richmond Upon Thames. The Watching Brief monitored the excavation of the location a basement extension to the rear of the property. The Watching Brief was maintained until the surface of the Kempton Park Gravels were encountered, beyond which no deposits or features of archaeological interest would be expected. No archaeological features were encountered during the Watching Brief. An intact deposit sequence was observed to have survived within the area subject to excavation for the construction of the new basement, though no archaeological features or evidence pre-dating the late post-medieval period were observed
Project dates	Start: 10-10-2012 End: 10-10-2012
Previous/future work	No / No
Any associated project reference codes	SPN12 - Sitecode
Any associated project reference codes	P12/0477/HOT - Planning Application No.
Type of project	Recording project
Site status	Conservation Area
Site status	Listed Building
Current Land use	Residential 1 - General Residential
Monument type	NONE None
Significant Finds	NONE None
Investigation type	"Watching Brief"
Prompt	Planning condition

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### Project location

Country	England
Site location	GREATER LONDON RICHMOND UPON THAMES RICHMOND UPON THAMES 4 Spring Terrace
Postcode	TW9
Study area	666.81 Square metres
Site coordinates	TQ 1822 7489 51 0 51 27 36 N 000 17 53 W Point
Height OD / Depth	Min: 12.08m Max: 12.17m

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#### **Project creators**

Name of Organisation	Pre-Construct Archaeology Ltd
Project brief originator	CgMs Consultants Ltd
Project design originator	Richard Meager
Project director/manager	Tim Bradley
Project supervisor	Sarah Barrowman
Type of sponsor/funding body	Developer

---

#### **Project archives**

Physical Archive Exists?	No
Digital Archive recipient	LAARC
Digital Contents	"none"
Digital Media available	"Images raster / digital photography","Spreadsheets","Text"
Paper Archive recipient	LAARC
Paper Contents	"none"
Paper Media available	"Context sheet","Matrices","Plan","Report","Section","Survey "

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**Project**

**bibliography 1**

Publication type	Grey literature (unpublished document/manuscript)
Title	4 Spring Terrace, London Borough of Richmond Upon Thames, TW9 - An Archaeological Watching Brief
Author(s)/Editor(s)	Barrowman, S.
Date	2012
Issuer or publisher	Pre-Construct Archaeology Ltd
Place of issue or publication	London
Description	A pdf client report with figures, plates, and appendices.
Entered by	Sarah Barrowman (sbarrowman@pre-construct.com)
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