

# Archaeological Impact Assessment

In support of an application for a docking station on the carriageway adjacent to:

1-89 Empire Square East, Long Lane SE1

Reference Number: 08/610808 Status: FINAL Date: 3 June 2009





# CONTENTS PAGE

Exec	utive Summary2
<b>1</b> 1.1 1.2 1.3	Introduction       3         Statement Overview       3         Purpose of the Document       3         Methodology       4
<b>2</b> 2.1 2.2 2.3	Analysis of archaeological background4Scheduled Ancient Monuments (SAMs)4Greater London Archaeology Advisory Service4Historic Maps5
<b>3</b> 3.1 3.2 3.3	The Proposals and Their Potential Impact
4	Conclusions5

**Appendix 1:** Greater London Sites and Monuments Record **Appendix 2**: Written Scheme of Investigation



### **EXECUTIVE SUMMARY**

This Archaeological Impact Assessment is provided in support of a full planning application for the installation of a Cycle Hire docking station on the carriageway adjacent to 1-89 Empire Square East on Long Lane in the London Borough of Southwark.

The general principles of the docking station design have been developed in consultation with the boroughs, Royal Parks and other key stakeholders. Preapplication advice has been sought from the London Borough of Southwark. This Assessment includes an appraisal of the recorded archaeological remains in the area and the extent to which the docking station would impact on any significant archaeological remains. The groundworks for the docking station will not penetrate deeper than 450mm below the current ground surface.

It is proposed that an archaeological site investigation be undertaken at an early stage of the construction process to ascertain if there are any archaeological remains on the Site. If archaeological remains are identified all groundworks will be undertaken archaeologically and by hand. A written scheme of investigation is appended.



### 1 INTRODUCTION

### **1.1 Statement Overview**

Cycling within London has experienced rapid growth. It is estimated that there has been a 91 percent increase in the number of cycling trips within London since the year 2000 with around 500,000 cycle trips currently taking place every day. In 2006/07 cycling accounted for 1.6 percent of all modal trips in London and 3.7 percent of all journeys to work within inner London. The Mayor's aspiration is to increase the modal proportion of cycling trips within London to 5 percent and more generally, improve conditions for cyclists. The Mayor has set Transport for London (TfL) a target to increase cycle trips by 400 percent by 2025.

To help achieve this growth TfL has been tasked with implementing the Cycle Hire Scheme within central London by May 2010. The Scheme will deliver around 6,000 bicycles across approximately 400 sites.

The Scheme will allow people to hire a bicycle from a docking station, use it as desired and return it to either the same or another docking station. To ensure the adequate availability of docking points and bicycles for those hiring and returning bicycles, approximately 10,200 docking points at around 400 sites at a density of approximately nine sites per square kilometre are required.

The Scheme has been developed in collaboration with the Royal Parks and the following nine London Boroughs:

- London Borough of Camden;
- London Borough of Hackney;
- London Borough of Islington;
- Royal Borough of Kensington and Chelsea;
- London Borough of Lambeth;
- City of London;
- London Borough of Southwark;
- London Borough of Tower Hamlets; and
- City of Westminster.

### **1.2 Purpose of the Document**

TfL wish to apply for planning permission for a Cycle Hire docking station, comprising a terminal and 49 docking points adjacent to 1-89 Empire Square East, Long Lane in the London of Borough of Southwark.

Following discussions with the Senior Archaeology Officer at the Planning Authority, Dr Christopher Constable, this Site has been identified as requiring further archaeological intervention.

The document

- describes the archaeological background to the area;
- describes the proposal;



- assesses the likely impact of the scheme on the basis of the available information; and
- provides a written scheme of investigation for further archaeological intervention.

### 1.3 Methodology

A list of cultural heritage sites has been compiled (Appendix 1) through consultation carried out by Hyder Consulting in June 2009.

The Assessment draws together the available archaeological, topographic and land-use information to clarify the archaeological potential of the Site.

The Assessment comprises of an examination of evidence in the Greater London Sites and Monuments Record (SMR). It considers the results of nearby archaeological investigations, incorporates published and unpublished material and charts historic land-use through examination of any readily available historic maps.

Clearly, any information on the depth of overburden for the archaeological assets would be a key consideration in determining whether the construction of the docking station would be likely to impact on archaeology. Detailed discussions to establish the nature of the archaeological potential have been undertaken with Dr Christopher Constable at the London Borough of Southwark.

### 2 ANALYSIS OF ARCHAEOLOGICAL BACKGROUND

### 2.1 Scheduled Ancient Monuments (SAMs)

There are no SAMs on the Site or within a distance where their setting would be affected by the proposed development.

### 2.2 Greater London Archaeology Advisory Service

### Archaeological Advisor

Dr Christopher Constable has commented on the archaeological implications of the development.

Dr Constable had confirmed that the Site lies 'within the historic streetline of Long Lane'.

# Greater London Sites and Monuments Record (SMR) and unpublished archaeological sources

The SMR identifies a number of assets within 50m of the Site and these are listed in Appendix 1.

Archaeological fieldwork at Long Lane Studios (ELO1008) discovered a sequence from Roman through to post-medieval remains. In Crosby Row (ELO7439) post-medieval remains only were observed in the upper 2m.

It seems possible that the post-medieval street frontage will survive in the area of the docking station.



### 2.3 Historic Maps

The general arrangement of Long Lane at this point has changed since Rocque's 1746 map and Horwood's map of 1799 since Empire Square East has only recently been constructed. There are a great many tanneries shown on Rocque along the line of Long Lane and it is possible that these will survive under the current carriageway as the frontage seems to have moved south in recent years.

### 3 THE PROPOSALS AND THEIR POTENTIAL IMPACT

### 3.1 Site Description

The Site lies on the carriageway on the south side of Long Lane. Please refer to the Planning Design and Access Statement for further information.

### 3.2 Docking Station

The development comprises a terminal and 49 docking points. The foundations would be at a depth no deeper than 450mm below the current ground level. The form that the foundations will take has not been finalised. Further information regarding the docking station can be found in the Planning Design and Access State

### 3.3 The Potential Impact

Given that the foundations would be no deeper than 450mm, it is possible that the works will penetrate to post-medieval levels. Roman deposits (or other earlier archaeological deposits) are likely to lie at a much deeper level.

### 4 CONCLUSIONS

This Assessment has revealed that there is potential for significant post-medieval archaeological remains on Long Lane, SE1.

It seems sensible to investigate the Site in case significant archaeological remains exist and, if they do, undertake all the groundworks archaeologically by hand. A method statement for this investigation is attached in Appendix 2. If initial investigation fails to reveal any significant archaeological remains, there will be no need for further archaeological intervention.



Appendix 1 Consultation response from the Greater London Archaeology Service Sites and Monuments Record.

Contact: Stuart Cakebread Direct Dial: 020 7973 3731 Date: 01/06/2009

### **Greater London Sites and Monuments Record - Search Report**

### Enquiry: Report 8292 TfL Cycle Scheme Long Lane 08 610808 150m Radius

Thank you for your enquiry to the GLSMR. Please find below all records held on the GLSMR database within the area specified in your request. Please note that there is a backlog of listed buildings and archaeological reports awaiting entry into the system and we cannot guarantee that the information supplied is fully up to date.

*** GLSMR NEWS ***				
3-Aug-2006 Record Sort Order Changed				
	The records within the SMR search report are now sorted by 'Name' (and then by 'MonUID') rather than 'MonUID' as this should display multiple records for a single site together in the indexes and report. However, many site names begin with numbers from the address and so records from same street will not necessarily appear together. All new records added to the GLSMR, and those altered during data rationalisation and other projects, are being named with the street name before the number (for example The Street (No. 1), London) so that in future results from the same street will appear together.			
31-July-2006	Full Address Data Added			
	The HTML report and XML data file have been altered to include the full address which was perviously missing.			
25-Jan-2006	Listed Building Data and Designations Updated			
	All of the Listed Buildings entries within the GLSMR have been updated using the latest dataset from the National Monuments Record and the GLSMR search report (the document you are reading now) has been updated to display the full designation description for the listed buildings encountered within your search area.			
	*** FND ***			

NOTE: Please ensure you read this document from a saved version and not directly from the e-mail as this may cause problems with the displayed data and hyperlinks.

If you have any further enquiries, or if you have any problems interpreting the data, please do not hesitate to contact us.

Yours Sincerely,

The Greater London SMR Team

Greater London Archaeology Advisory Service English Heritage - London Region 1 Waterhouse Square, 138-142 Holborn, London EC1N 2ST smr@english-heritage.org.uk

Note: Commercial SMR search requests are charged at a cost of 35 pounds plus VAT each and collected via invoice

### Monument Index:

(Click on the MonUID to view full details for each record)

### Archaeology

<b>MonUID</b> MLO92497	<i>Pref. Ref.</i> MLO92497	<i>Name</i> Crosby Row. [Nos 25 and	Monument Types TERRACE, TOWN	<i>Date Range</i> 18th Century to Modern (1770 AD to
Listed Build	ings			
MLO74567 MLO11436	092968/00/000 090315/00/00	TABARD ST TENNIS ST	STABLE PIT, SURFACE	Post Medieval (1540 AD to 1900 AD) Roman (43 AD to 409 AD)
MLO74569	092970/00/000	Southwark SOUTHALL PLACE	WIRE MILL	Post Medieval (1540 AD to 1900 AD)
ML075377	MLO75377	Long Lane Studios, London Borough of	SURFACE BACKLOG REPORT	Unknown (Unknown)
ML077388	MLO77388	Long Lane Studios	TIMBER FLOOR, PIT WELL, FOUNDATION, FLOOR, COBBLED	to 1699 AD) 17th Century to 19th Century (1700 AD to 1900 AD)
ML077387	MLO77387	Long Lane Studios	METALLED SURFACE,	to 1699 AD) 16th Century to 17th Century (1600 AD
MLO77386	MLO77386	Long Lane Studios	CULTIVATION SOIL	15th Century to 17th Century (1450 AD
<u>MLO77383</u> MLO77384	MLO77383 MLO77384	Long Lane Studios Long Lane Studios	PIT LAND RECLAMATION	Roman (43 AD to 250 AD) Roman (200 AD to 399 AD)
ML077382	MLO77382	Long Lane Studios	REVETMENT POST HOLE, FLOOR, METALLED SURFACE	Roman (43 AD to 199 AD)
MLO74568 MLO77380	092969/00/000 MLO77380	LONG LA Long Lane Studios	IRON WORKS WATER CHANNEL,	Post Medieval (1540 AD to 1900 AD) Roman (43 AD to 299 AD)
ML098764	MLO98764	Crosby Row (Nos. 21-23) [Plantain Place], Southwark {Post Medieval cellaring}	CELLAR	19th Century (1801 AD to 1900 AD)
<u>III2000100</u>		[Plantain Place], Southwark {possible Post Medieval garden soils}		
<b>MonUID</b> MLO98765	<i>Pref. Ref.</i> MLO98765	<i>Name</i> Crosby Row (Nos. 21-23)	Monument Types CULTIVATION SOIL	Date Range 18th Century (1750 AD to 1800 AD)

Crosby Row, [Nos 25 and 27], Southwark, {pair of MLO92497 TERRACE, TOWN 18th Century to Modern (1770 AD to <u>MLO92497</u> HOUSE 2050 AD) late 18th century terraced houses} Maritime MonUID Pref. Ref. Name **Monument Types** Date Range Other Date Range Monument Types MonUID Pref. Ref. Name Roman (43 AD to 409 AD) Roman (43 AD to 409 AD) 090241/00/00 FINDSPOT LONG LA <u>MLO11431</u> FINDSPOT 090242/00/00 LONG LA <u>MLO4229</u> MLO77385 Long Lane Studios FINDSPOT Early Medieval/Dark Age (410 AD to ML077385 1065 AD)

### Return to <u>Top</u> of page

### **Event Index:**

Event ID ELO7439	<i>Event Name</i> Crosby Row (Nos. 21-23) [Plaintain Place], Southwark: watching brief	<b>Event Description</b> A watching brief was maintained by the Museum of London Archaeology Service for Plantain Place Holdings Limited from July to September 2005. The site lies within an Archaeological Priority Zone over a river channel and marshy area with high potential. The watching brief observed excavations no more than 2m deep revealing a garden soil layer and part of a brick cellar. Both sets of remains are to be Post Medieval in date. Unaltered natural deposits were not reached anywhere in the excavations. Location: Centroid TQ 32724 79781 (MBR: 27m by 20m)
Associated N		
MLO98764	Crosby Row (Nos. 21-23) [Plantain Place], S cellaring}	Southwark {Post Medieval [19th Century (1801 AD to 1900 AD]]
<u>MLO98765</u>	Crosby Row (Nos. 21-23) [Plantain Place], S garden soils}	/1
Event ID	Event Name	Event Description
ELO1008	Long Lane Studios, London Borough of Southwark	An Archaeological Evaluation was carried out by AOC at Long Lane Studios, London Borough of Southwark between the 12th February and 2nd March 2001. The evaluation was funded by Pearl and Coutts and it was carried out in response to the proposed redevelopment of 34-70 Long Lane and 31-47 Tabard Street, currently occupied by a car park, a variety of warehouses and light industrial buildings, with some residential dwellings in the east. The redevelopment will involve the construction of six rectilinear buildings and an underground car park extending across most of the site. The site is triangular in shape and amounts to approximately 1.25 hectares. Ten trenches were investigated and these were located and scaled to fit the space available. One trench was abandoned. Two testpits (2m x 2m) were excavated by hand in existing basements. Two trenches were excavated inside a standing building by a 6 tonne tracked mechanical excavator (6m x 6m and 6m x 8m). The rest of the trenches were excavated outside of the buildings using a 21 tonne mechanical excavator and measured 9m to 20.5m long by 5.5m to 11.25m wide. The results showed Roman deposits of mid 1st to mid 2nd century date with some evidence for buildings, in the form of post holes and metalled surfaces. These were found across the western half of the site. In the east of the site, an alluvial filled channel, which ran approximately north- south, was found with evidence for 3rd/ 4th century reclamation. Also the remains of part of a wooden structure, possibly a revetment or small jetty, were recorded on the bank of the fluvial channel. The Post- Roman archaeology consisted of dark earths dating from the late 15th century and buildings with backplot features from the 17th century onwards. The survival of a 17th century wooden stave floor and timber lined pit was notable. The natural is river gravels max. 1.15m OD. Location: Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred
Associated N	lonuments	on)
MLO75377 MLO75380 MLO77382 MLO77383 MLO77384 MLO77385 MLO77386 MLO77388	<ul> <li>Long Lane Studios, London Borough of Sou</li> <li>Long Lane Studios - [Roman (43 AD to 299</li> <li>Long Lane Studios - [Roman (43 AD to 199</li> <li>Long Lane Studios - [Roman (43 AD to 250</li> <li>Long Lane Studios - [Roman (200 AD to 399</li> <li>Long Lane Studios - [Early Medieval/Dark /</li> <li>Long Lane Studios - [15th Century to 17th /</li> <li>Long Lane Studios - [16th Century to 19th /</li> <li>Long Lane Studios - [17th Century to 19th /</li> </ul>	AD)] AD)] AD)] AD)] Age (410 AD to 1065 AD)] Century (1450 AD to 1699 AD)] Century (1600 AD to 1699 AD)]
Event ID	Event Name	Event Description
Not Applicable	No Associated Event	Location: not specified
Associated N ML011431 ML011436 ML04229	Ionuments - LONG LA - [Roman (43 AD to 409 AD)] - TENNIS ST - [Roman (43 AD to 409 AD)] - LONG LA - [Roman (43 AD to 409 AD)]	

https://mail.hybis.info/exchange/Katie.Mardon/Inbox/Southwark%20the%20right%20... 04/06/2009

ML074567	- TABARD ST - [Post Medieval (1540 AD to 1900 AD)]	
MLO74568	- LONG LA - [Post Medieval (1540 AD to 1900 AD)]	
MLO74569	- SOUTHALL PLACE - [Post Medieval (1540 AD to 1900 AD)]	
ML092497	Crosby Row, [Nos 25 and 27], Southwark, {pair of late 18th century terraced houses}	[18th Century to Modern (1770 AD to 2050 AD)]

Return to <u>Top</u> of page

### **Record Details - Archaeology:**

Export generated by HBSMR from exeGesIS SDM

### Start of record

MonUID	MLO98765				
Monument Typ Preferred Ref.	e Archaeology MLO98765				
Name	Crosby Row (Nos. 21-23) [Plantain Place], Southwark {possible Post Medieval garden soils}				
Map Sheet	TQ37NW				
Grid Reference	S Centre Point: Centroid TQ 32724 79781 (MBR: 27m by 20m)				
Summary	A watching brief work by the Museum of London Archaeology Service during September 2005 revealed layers of silt, interspersed with building rubble. The lower silt especially was a fine silt - only partially exposed in the work carried out - with few inclusions and occasionsal finds. It is thought that this was a Post Medieval garden soil.				
Description	The silts were described like a garden soil or dark earth. These were located in most of the five areas monitored for archaeological deposits, finds or structures. (1-2)				
Sources					
Number	Reference				
SLO78781	Unpublished document: Museum of London Archaeology Service. 2005. Plantain Place, 21-23 Crosby Row, London, SE1 1YM, London borough of Southwark: a watching brief report,				
	[A watching brief was maintained by the Museum of London Archaeology Service for Plantain Place Holdings Limited from July to September 2005. The site lies within an Archaeological Priority Zone over a river channel and marshy area with high potential.				
SLO79965	Excavation archive: Museum of London Archaeology Service. 2005. Plantain Place, 21-23 Crosby Row, London, SE1 1YM, London borough of Southwark: a watching brief report,				
	[A watching brief was maintained by the Museum of London Archaeology Service for Plantain Place Holdings Limited from July to September 2005. The site lies within an Archaeological Priority Zone over a river channel and marshy area with high potential.				
Location					
Administrative	Area				
- [Borough] SOL	JTHWARK				
Address	04.00 Origin Day (Sector SE4.4)44				
- Plantain Place	, 21-23 Crosby Row, Southwark, London, SE1 1YM				
Monument/Con ● (Former Type	ponent Types ) CULTIVATION SOIL ((between) 18th Century - 1750 AD? to 1800 AD?)				
Find Types					
Designations					
Type/Grade	Reference/Title Description				
Other Statuses	and References				
Type/Grade	Reference/Title				
LAG number (G Ref)	LAAS 28/198				
OASIS record n status	umber & molas1-10198				
Site Code	CBF05				
Associated Act	Associated Activities/Events				
Event ID	Name/Ref Brief Description (click Event ID for details)				
<u>ELO7439</u>	Crosby Row (Nos. 21-23)A watching brief was maintained by the Museum of London[Plaintain Place], Southwark: watching briefArchaeology Service for Plantain Place Holdings Limited from July to Septe				
Return to <u>To</u>	p of page				
End of recor	rd				
-					

MonUID	MLO98764
Monument Typ	
Preferred Ref.	MLO98764
Name	Crosby Row (Nos. 21-23) [Plantain Place], Southwark {Post Medieval cellaring}
Map Sheet	TQ37NW
Grid Reference	es Centre Point: TQ 32722 79772 (point)
Summary	A watching brief work by the Museum of London Archaeology Service during September 2005 revealed the remains of a Post Medieval cellar. Only part of the cellar was visible as a wall and floor, and recorded, in the work carried out.
Description	The cellar was constructed of red brickwork and lime mortar. The floor was also red brick, though unbonded. The floor was subdivided into two parts by a brick partition wall, which may have served to indicate divisions (such as for commercial use) of the cellar. The cellar remained infilled by a rubble deposit of the 19th century with occasional pottery and mortar. (1-2)
Sources	
Number	Reference
SLO78781	Unpublished document: Museum of London Archaeology Service. 2005. Plantain Place, 21-23 Crosby Row, London, SE1 1YM, London borough of Southwark: a watching brief report,
	[A watching brief was maintained by the Museum of London Archaeology Service for Plantain Place Holdings Limited from July to September 2005. The site lies within an Archaeological Priority Zone over a river channel and marshy area with high potential.
SLO79965	Excavation archive: Museum of London Archaeology Service. 2005. Plantain Place, 21-23 Crosby Row, London, SE1 1YM, London borough of Southwark: a watching brief report,
	[A watching brief was maintained by the Museum of London Archaeology Service for Plantain Place Holdings Limited from July to September 2005. The site lies within an Archaeological Priority Zone over a river channel and marshy area with high potential.
Location	

- Administrative Area - [Borough] SOUTHWARK

Address

- Plantain Place, 21-23 Crosby Row, Southwark, London, SE1 1YM

#### **Monument/Component Types**

• (Former Type) CELLAR ((between) 19th Century - 1801 AD to 1900 AD)

### **Find Types** Designations

Type/Grade

**Reference/Title** 

Description

Other Statuses and References			
Type/Grade	Reference/Title		
LAG number (GLAAS Ref)	28/198		
OASIS record number & status	molas1-10198		

Site Code CBF05

#### **Associated Activities/Events**

Event ID	Name/Ref
<u>ELO7439</u>	Crosby Row (Nos. 21-23) [Plaintain Place], Southwark: watching brief

#### Brief Description (click Event ID for details)

A watching brief was maintained by the Museum of London Archaeology Service for Plantain Place Holdings Limited from July to Septe

• • •

#### Return to Top of page

#### End of record

MonUID Monument Type Preferred Ref. Name Map Sheet Grid References Summary	MLO74568 Archaeology 092969/00/000 LONG LA TQ37NW Centre Point:	Centroid TQ 3264 7971 (MBR: 10m by 10m)		
•	small iron foundry operatir	ng in 1872. redevelopment of site by 1916.		
Sources Number Refere SLO74527 Publish		Survey. OS 1ST ED. 25" SHEET 45,		
Location Administrative Area - [Borough] SOUTHWAF Address - LONG LA	ĸĸ			
<ul> <li>Monument/Component</li> <li>IRON WORKS (Post</li> </ul>	<b>Types</b> Medieval - 1540 AD to 190	00 AD)		
Find Types				
Designations <i>Type/Grade</i>	Reference/Title	Description		
Other Statuses and Ref <i>Type/Grade</i> Sites & Monuments Record	Reference/Title			
Associated Activities/E Event ID Not Applicable	vents Name/Ref No Associated Event	Brief Description (click Event ID for details)		
Return to <u>Top</u> of p	Return to <u>Top</u> of page			
End of record				

MonUID Monument Type Preferred Ref. Name	MLO77380 Archaeology MLO77380 Long Lane Studios					
Map Sheet	TQ37NW					
Grid Reference	Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)				
Summary						
Description		a north south alignment. This channel was filled with alluvium. A wooden structure ent or small jetty was found on the edge of the channel and was dated to 1st to 3rd g deposits above.				
Sources						
Number	Reference					
SLO76606	Unpublished document: Giles Da Southwark,	awkes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of				
Monument/Com • REVETMENT	THWARK lios, London, SE1 <b>ponent Types</b> (Roman - 43 AD to 299 AD) NNEL (Roman - 43 AD to 299 AE <i>Reference/Title</i> and References <i>Reference/Title</i>	Description				
Ref)	AAO 20/143					
Site Code	LGS01					
Associated Acti	Associated Activities/Events					
Event ID	Name/Ref	Brief Description (click Event ID for details)				
<u>ELO1008</u>	Long Lane Studios, Lor Borough of Southwark					
Return to <u>To</u>	<u>p</u> of page					
Endofrees	4					

### End of record

MonUID Monument Type Preferred Ref. Name Map Sheet	MLO77382 Archaeology MLO77382 Long Lane Studios TQ37NW			
Grid References	Centre Point:	Centroid TQ 3	263 7966 (MBR: 10m by 10m) (Centred on)	
Summary				
Description		d surfaces and j	buildings and external surfaces across the site ostholes. These features suggest 2 periods of o mid 2nd century AD	
Sources				
Number Refe	rence			
SI U/hhuh	blished document: Giles D nwark,	awkes?. 2001. A	n Archaeological Evaluation at Long Lane Stud	Jios, London Borough of
Location Administrative Area - [Borough] SOUTHWA Address - Long Lane Studios, 3	ARK 1-47 Tabard Street Londor	ı, SE1		
POST HOLE (Roma		) AD)		
Find Types				
Designations				
Type/Grade	Reference/Title	1	Description	
Other Statuses and R	oferences			
Type/Grade	Reference/Title			
LAG number (GLAAS Ref)	28/145			
Site Code	LGS01			
Sites & Monuments Record	MLO77382			
Associated Activities	/Events			
Event ID	Name/Ref		Brief Description (click Event ID for details)	
<u>ELO1008</u>	Long Lane Studios, Lor Borough of Southwark	don .	n Archaeological Evaluation was carried out b tudios, London Borough of Southwark betwee n	
Return to <u>Top</u> of	page			

Export generated by HBSMR from exeGesIS SDM

End of record

MonUID Monument Type	MLO77383 Archaeology	
Preferred Ref.	MLO77383	
Name	Long Lane Studios	
Map Sheet	TQ37NW	
Grid References	Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)
Summary		
Description		lating to mid 2nd to mid 3rd century cut into natural to the north and east of the el (LO77380) so possibly evidence of occupation on a small low lying eyot.
Sources		
	ference	
	oublished document: Giles Da ithwark,	wkes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of
Location		
Administrative Area	1	
- [Borough] SOUTHV	VARK	
Address		
- Long Lane Studios,	31-47 Tabard Street, London	, SE1
Monument/Compon ● PIT (Roman - 43 /		
Find Types		
Designations		
Type/Grade	Reference/Title	Description
Other Statuses and	References	
Type/Grade	Reference/Title	
LAG number (GLAAS	5 28/145	
Ref)	1.0004	
Site Code Sites & Monuments	LGS01 MLO77383	
Record	MEO77363	
Associated Activitie	s/Events	
Event ID	Name/Ref	Brief Description (click Event ID for details)
<u>ELO1008</u>	Long Lane Studios, Lond Borough of Southwark	Ion An Archaeological Evaluation was carried out by AOC at Long Lane Studios, London Borough of Southwark between the 12th February

### Return to <u>Top</u> of page

#### End of record

Export generated by HBSMR from exeGesIS SDM

Studios, London Borough of Southwark between the 12th February an

MonUID	MLO77384	
Monument Typ	e Archaeology	
Preferred Ref.	MLO77384	
Name	Long Lane Studios	
Map Sheet	TQ37NW	
Grid Reference	s Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)
Summary		
Description	Evidence to suggest delib channel (LO77880) and the	perate land reclamation by the 3rd and 4th century. Dumped deposits overlay the he eyot (LO77383).
Sources		
Number	Reference	
SLO76606	Unpublished document: Giles Da Southwark,	awkes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of
Location		
Administrative	Area	
- [Borough] SOL	THWARK	
Address		
- Long Lane Stu	dios, 31-47 Tabard Street, Southv	vark, SE1
Monument/Com • LAND RECL/	ponent Types MATION (Roman - 200 AD to 39	9 AD)
Find Types		
Designations		
Type/Grade	Reference/Title	Description
Other Statuses	and References	
Type/Grade	Reference/Title	
LAG number (G Ref)	_AAS 28/145	
Site Code	LGS01	
Sites & Monume Record	nts MLO77384	
Associated Act	vities/Events	
Event ID	Name/Ref	Brief Description (click Event ID for details)

 Event ID
 Name/Ref

 ELO1008
 Long Lane Studios, London Borough of Southwark

#### Brief Description (click Event ID for details)

An Archaeological Evaluation was carried out by AOC at Long Lane .... Studios, London Borough of Southwark between the 12th February an

### Return to Top of page

#### End of record

MonUID Monument Typ Preferred Ref. Name Map Sheet	MLO77386 Archaeology MLO77386 Long Lane Studios TQ37NW	
Grid Reference	s Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)
Summary		
Description	Evidence of cultivation	soil 'dark earth' across the site sealing the Roman archaeology
Sources Number SLO76606	<i>Reference</i> Unpublished document: Giles Southwark,	Dawkes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of

#### Location

Administrative Area - [Borough] SOUTHWARK

Address

- Long Lane Studios, 31-47 Tabard Street, SE1

Monument/Component Types
CULTIVATION SOIL (15th Century to 17th Century - 1450 AD to 1699 AD)

#### **Find Types**

Designations	
Type/Grade	

**Reference/Title** 

Description

#### **Other Statuses and References**

Type/Grade	Reference/Title
LAG number (GLAAS	28/145
Ref)	
Site Code	LGS01
Sites & Monuments	MLO77386
Record	

#### **Associated Activities/Events**

Event ID	Name/Ref
<u>ELO1008</u>	Long Lane Studios, London Borough of Southwark

#### Brief Description (click Event ID for details)

An Archaeological Evaluation was carried out by AOC at Long Lane ... Studios, London Borough of Southwark between the 12th February an

### Return to Top of page

#### End of record

MonUID Monument Type Preferred Ref. Name	MLO77387 Archaeology MLO77387 Long Lane Studios	
Map Sheet TQ37NW		
Grid References	Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)
Summary Description	Evidence of 17th century occupation behind the Tabard street frontage. A wooden floored outbuilding, a metalled yard surface and a timber lined pit. Suggesting industrial function characteristic of 17th century archaeology to the rear of street frontages. Numerous rubbish pits were also found suggesting typical backplot activity.	
Sources		
	erence	
51076606	ublished document: Giles Da thwark,	wkes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of
Location Administrative Area - [Borough] SOUTHW Address - Long Lane Studios,		ark, SE1
<ul><li>PIT (16th Century</li><li>TIMBER FLOOR (</li></ul>		
Find Types		
Designations		
Type/Grade	Reference/Title	Description
Other Statuses and <i>Type/Grade</i> LAG number (GLAAS	Reference/Title	
Ref) Site Code	LGS01	
Sites & Monuments Record	MLO77387	
Associated Activitie	s/Events	
Event ID	Name/Ref	Brief Description (click Event ID for details)
<u>ELO1008</u>	Long Lane Studios, Lone Borough of Southwark	don An Archaeological Evaluation was carried out by AOC at Long Lane Studios, London Borough of Southwark between the 12th February an
Return to <u>Top</u> of	page	
End of record		

MonUID Monument Type Preferred Ref. Name Map Sheet	MLO77388 Archaeology MLO77388 Long Lane Studios TQ37NW	
Grid References		Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)
Summary		
Description	shaped well, and a cellar	y was mostly towards the street frontage. A horn lined drainage ditch, a brick bell dates from the early to mid 18th century. Whilst extensive 19th century remains were otings, foundations, flagstone floors and cobbled yard surfaces.
Sources		
	Reference	
SI ()/bbl/b	Unpublished document: Giles D Southwark,	awkes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of
Location Administrative A - [Borough] SOU <sup>-1</sup>		
Address		
- Long Lane Stud	ios, 31-47 Tabard Street, South	vark, SE1
<ul><li>FLOOR ((at so</li><li>FOUNDATION</li></ul>	RFACE ((at some time) 17th Ce me time) 17th Century to 19th (	19th Century - 1700 AD to 1900 AD)
Find Types		
Designations		
Type/Grade	Reference/Title	Description
Other Statuses a	nd References	
Type/Grade	Reference/Title	
LAG number (GL Ref)	AAS 28/145	
Site Code	LGS01	
Sites & Monumer Record	its MLO77388	
Associated Activ	rities/Events	
Event ID	Name/Ref	Brief Description (click Event ID for details)
<u>ELO1008</u>	Long Lane Studios, Lor Borough of Southwark	don An Archaeological Evaluation was carried out by AOC at Long Lane Studios, London Borough of Southwark between the 12th February an
Return to Tor	of page	

### Return to <u>Top</u> of page

#### End of record

MonUID	MLO75377		
Monument Type	Archaeology		
Preferred Ref.	MLO75377		
Name	Long Lane Studios, London Borough of Southwark		
Map Sheet	TQ37NW		
Grid References	Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on)	
	between the 12th Februrar carried out in response to t occupied by a car park, a v the east. The redevelopme extending across most of th Ten trenches were investig abandoned. Two testpits (2 excavated inside a standim rest of the trenches were e measured 9m to 20.5m lon century date with some evi found across the western h approximately north- south a wooden structure, possib Post- Roman archaeology features from the 17th cent	In was carried out by AOC at Long Lane Studios, London Borough of Southwark and 2nd March 2001. The evaluation was funded by Pearl and Coutts and it was e proposed redevelopment of 34-70 Long Lane and 31-47 Tabard Street, currently iriety of warehouses and light industrial buildings, with some residential dwellings in t will involve the construction of six rectilinear buildings and an underground car park e site. The site is triangular in shape and amounts to approximately 1.25 hectares. ted and these were located and scaled to fit the space available. One trench was n x 2m) were excavated by hand in existing basements. Two trenches were building by a 6 tonne tracked mechanical excavator (6m x 6m and 6m x 8m). The cavated outside of the buildings using a 21 tonne mechanical excavator and by 5.5m to 11.25m wide. The results showed Roman deposits of mid 1st to mid 2nd ence for buildings, in the form of post holes and mettalled surfaces. These were dif of the site. In the east of the site, an alluvial filled channel, which ran was found with evidence for 3rd/4th century reclamation. Also the remains of part of y a revettment or small jetty, were recorded on the bank of the fluvial channel. The onsisted of dark earths dating from the late 15th century and buildings with backplot try onwards. The survival of a 17th century wooden stave floor and timber lined pit river gravels max. 1.15m OD.	
Sources			
Number Refere			
SLO76606 Unpubl Southw		kes?. 2001. An Archaeological Evaluation at Long Lane Studios, London Borough of	
Administrative Area - [Borough] SOUTHWAR Address - 34- 70 Long Lane and 3 Monument/Component • BACKLOG REPORT	31- 47 Tabard Street South	vark, London, SE1	
Find Types			
Designations <i>Type/Grade</i>	Reference/Title	Description	
Other Statuses and Ref	erences		
Type/Grade	Reference/Title		
LAG number (GLAAS	28/145		
Ref)	1.0001		
Site Code	LGS01		
Associated Activities/E	vents		
Event ID	Name/Ref	Brief Description (click Event ID for details)	
<u>ELO1008</u>	Long Lane Studios, Lond Borough of Southwark		
Return to <u>Top</u> of pa	age		
End of record			
Export generated by HBS	SMR from exeGesIS SDM		

MonUID Monument Type Preferred Ref. Name Map Sheet Grid References Summary Description	MLO74569 Archaeology 092970/00/000 SOUTHALL PLACE TQ37NW Centre Point: small wire works operating	Centroid TQ 3273 7967 (MBR: 10m by 10m) g in 1872. redevelopment of site into engineering works and Pilgrimage Street.
Sources Number Refere SLO74528 Publish		Survey. OS 1ST ED. 25" SHEET 45,
Location Administrative Area - [Borough] SOUTHWA Address - LONG LA - SOUTHALL PLACE	₹К	
● WIRE MILL (Post Me	t <b>Types</b> dieval - 1540 AD to 1900 <i>i</i>	AD)
Find Types		
Designations Type/Grade	Reference/Title	Description
Other Statuses and Re <i>Type/Grade</i> Sites & Monuments Record	ferences Reference/Title 092970/00/000	
Associated Activities/E Event ID Not Applicable	Events Name/Ref No Associated Event	Brief Description (click Event ID for details)
Return to <u>Top</u> of p	age	

### End of record

Export generated by HBSMR from exeGesIS SDM

https://mail.hybis.info/exchange/Katie.Mardon/Inbox/Southwark%20the%20right%20... 04/06/2009

MonUID Monument Type Preferred Ref. Name Map Sheet Grid References Summary Description	MLO74567 Archaeology 092968/00/000 TABARD ST TQ37NW Centre Point: Pickford Stables operating		2 3263 7967 (MBR: 10m by 10m) evelopment of site by 1916.
Sources Number Refere SLO74526 Publis	e <b>nce</b> hed map/plan: Ordnance S	Survey. OS 1S	ST ED. 25" SHEET 45,
Location Administrative Area - [Borough] SOUTHWA Address - LONG LA - TABARD ST	RK		
• STABLE (Post Medie	<b>t Types</b> eval - 1540 AD to 1900 AD	)	
Find Types			
Designations Type/Grade	Reference/Title		Description
Other Statuses and Re <i>Type/Grade</i> Sites & Monuments Record	ferences Reference/Title 092968/00/000		
Associated Activities/I Event ID Not Applicable	Events Name/Ref No Associated Event		Brief Description (click Event ID for details)
Return to <u>Top</u> of p	age		

### End of record

MonUID	MLO11436			
Monument Ty				
Preferred Ref.	090315/00/00			
Name		TENNIS ST		
Map Sheet	TQ37NW			
Grid Referenc	ces Centre Point:	Centroid TQ 3261 7975 (MBR: 10m by 10m)		
Summary				
Description	EXC BY P MARSDEN FEW SHERDS OF RO	1962 FOUND A SURFACE OF WEATHERED CLAY CUT BY PITS,CONTAINING A MAN POTTERY.		
Sources				
Number	Reference			
SLO19642	Excavation archive: MOLGM	MARSDEN P. TENNIS ST / LONG LANE PETROL STATION, MOLGM,		
SLO19643	Unpublished document: South 72,	wark and Lambeth Archaeological Excavation Committee. SITES & FINDS RECORD,		
SLO19644	Article in monograph: Southwa 1972-74, P 524 NO 72,	ark and Lambeth Archaeological Excavation Committee. SOUTHWARK EXCAVATIONS		
SLO19645	Article in monograph: MARSD 143,	EN P. ARCHAEOLOGICAL FINDS IN SOUTHWARK 1962, LAMAST VOL 21 PT 2, P		
SLO19646	•	um of London. MOLLM AG, F366,		
SLO49923	Article in monograph: PLOUV	IEZ J. ROMAN SOUTHWARK, LONDON ARCH 2 N 5, PP 106-113,		
Location Administrative - [Borough] SC Address - LONG LA ( JI - TENNIS ST	DUTHWARK			
<ul><li>PIT (Romar</li><li>SURFACE (</li></ul>	<b>mponent Types</b> n - 43 AD to 409 AD) (Roman - 43 AD to 409 AD)			
Find Types				
Designations <i>Type/Grade</i>	Reference/Title	Description		
Other Statuses	s and References			
Type/Grade	Reference/Title			
Sites & Monum Record	nents 090315/00/00			
Associated Ac	tivities/Events			
Event ID	Name/Ref	Brief Description (click Event ID for details)		
Not Applicable	No Associated Event			
Return to <u>T</u>	<u>op</u> of page			
End of reco	ord			
Export generate	ed by HBSMR from exeGesIS SI	<u>M</u>		

### **Record Details - Listed Buildings:**

#### Start of record

MonUID	MLO92497
Monument Typ	e Listed Building
Preferred Ref.	MLO92497
Name	Crosby Row, [Nos 25 and 27], Southwark, {pair of late 18th century terraced houses}
Map Sheet	TQ37NW
Grid Reference	es Centre Point: Centroid TQ 3271 7979 (MBR: 38m by 23m)
Summary	This pair of town houses were originally part of a terrace. They were built around 1770-80, in three storeys of brick in Flemish bond with a parapeted slate roof. No 27 retains to rear right a full-height stair well with dogleg stair, newel in the form of lonic columns, plain balusters and thick handrail to the lower stages. Panelling to the lower stairwell is of late 18th or early 19th century date.
Description	Record created from imported Listed Buildings On-line dataset 11-Jan-2006. Pair of town houses, part of a terrace. Built around 1770-80, refenestrated in mid 19th century. Constructed of brick in Flemish bond with parapeted roof with slate roof visible to no 27. Three storeys, two windows to each property. No 25 has all ground floor windows flat-arched, all upper floor windows camber arched, all lintels of gauged brick and plinth of stucco. It also has a four-panelled door of late 18th or early 19th century design, the entrance with an architrave and topped by a cornice supported by a pair of console brtackets. The ground floor window is larger and not on axis with the upper floor windows. No 27 is similar except for the ground floor which has a complete mid 19th century shop front with entablature, fascia with label stops at party walls bearing fox heads, original shop window sashes, double doors to centre and single door at right party walls on line with the original entrance hall. INTERIOR: No 27 retains to rear right a full-height stair well with dogleg stair, newel in the form of lonic columns, plain balusters and thick handrail to the lower stages. Panelling to the lower stairwell of late 18th or early 19th century date. HISTORY: These buildings do not appear on Rocque's map of around 1761. Based on the surviving windows with nearly flush sash boxes a date of 1770-80 seems most likely. See linked Designation record and (1) for full details.
Sources	
Number	Reference
SLO80288	Digital archive: Department for Culture, Media and Sport. Listed Buildings Online Database,
	[LB Online Database contains the listing descriptions and grid reference points for all current, revoked and proposed listed buildings.]
Location Administrative	Area

- [Borough] SOUTHWARK

Address

- 25 and 27 Crosby Row Southwark, London, SE1

#### **Monument/Component Types**

- TERRACE (18th Century to Modern 1770 AD? to 2050 AD?)
- TOWN HOUSE (18th Century to Modern 1770 AD? to 2050 AD?)

#### **Find Types**

#### Designations

Type/Grade Listed Building (II) Reference/Title 491612 25 and 27 Crosby Row, SE1

#### Description

636-1/0/10052 CROSBY ROW 12-FEB-04 25 AND 27 II Pair of town houses, part of a terrace. Circa 1770-80, refenestrated in mid C19. Constructed of brick in Flemish bond with parapeted roof with slate roof visible to no 27. Three storeys, two windows to each property. No 25 has all ground floor windows flat-arched, all upper floor windows camber arched, all lintels of gauged brick and plinth of stucco. It also has a four-panelled door of late C18 or early C19 design, the entrance with an architrave and topped by a cornice supported by a pair of console brtackets. The ground floor window is larger and not on axis with the upper floor windows. No 27 is similar except for the ground floor which has a complete mid C19 shop front with entablature, fascia with label stops at party walls bearing fox heads, original shop window sashes, double doors to centre and single door at right party walls on line with the original entrance hall. INTERIOR: No 27 retains to rear right a full-height stair well with dogleg stair, newel in the form of lonic columns, plain balusters and thick handrail to the lower stages. Panelling to the lower stairwell of late C18 or early C19 date. HISTORY: These buildings do not appear on Rocque's map of c1761. Based on the surviviing windows with nearly flush sash boxes a date of 1770-80 seems most likely.

Other Statuses and References Type/Grade Reference/Title Sites & Monuments MLO92497 Record

 Associated Activities/Events

 Event ID
 Name/Ref

 Not Applicable
 No Associated Event

Brief Description (click Event ID for details)

Return to <u>Top</u> of page

### End of record

### **Record Details - Maritime:**

### **Record Details - Others:**

### Start of record

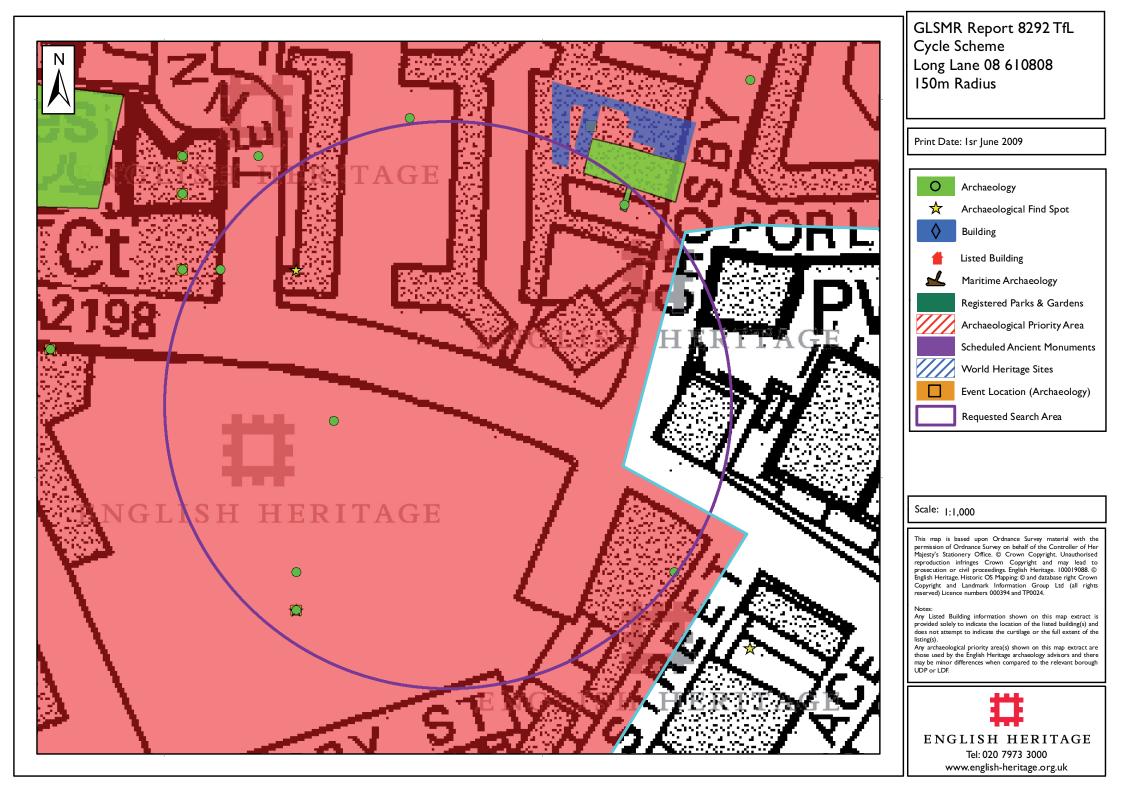
MonUID Monument Type Preferred Ref. Name Map Sheet Grid References Summary Description	MLO11431 Find Spot 090241/00/00 LONG LA TQ37NW Centre Point: AE 1 OF HADRIAN	Centroid TQ 3263 7975 (MBR: 10m by 10m)			
SourcesReferenceSLO19618Artifact: COIN OF HADRIAN, ACC NO A150,SLO19619Article in monograph: Victoria County History. SURREY, VOL 4, P 374,SLO19620Unpublished document: Museum of London. MOLLM AG, F197,					
Location Administrative Area - [Borough] SOUTHV Address - LONG LA	-				
Monument/Compon ● FINDSPOT (Roma	<b>ent Types</b> an - 43 AD to 409 AD)				
<ul> <li>Find Types</li> <li>COIN (Roman - 43 AD to 409 AD)</li> </ul>					
Designations <i>Type/Grad</i> e	Reference/Title	Description			
Other Statuses and Type/Grade Sites & Monuments Record	References Reference/Title 090241/00/00				
Associated Activitie Event ID Not Applicable	es/Events Name/Ref No Associated Event	Brief Description (click Event ID for details)			
Return to <u>Top</u> of page					

End of record

MonUID Monument Type Preferred Ref. Name Map Sheet Grid References Summary Description	090242/00/00 LONG LA TQ37NW Centre Point:	Centroid TQ 3263 7975 (MBR: 10m by 10m) S INCL 3 BASESHERDS FOUND 1853 NOW IN BM
Sources Number SLO7227 SLO7228 SLO7229	Unpublished document: Museu	S, ACC NOS 1853/5-2/61;197;148;8O, im of London. MOLLM AG, F197, County History. SURREY, VOL 4, P 374,
Location Administrative A - [Borough] SOU Address - LONG LA		
Monument/Com ● FINDSPOT (F	oonent Types coman - 43 AD to 409 AD)	
Find Types ● POT (Roman	- 43 AD to 409 AD)	
Designations Type/Grade	Reference/Title	Description
Other Statuses a <i>Type/Grade</i> Sites & Monumer Record	Reference/Title	
Associated Activ Event ID Not Applicable	vities/Events Name/Ref No Associated Event	Brief Description (click Event ID for details)
Return to <u>To</u>	of page	
End of record	1	

MonUID Monument Type Preferred Ref. Name Map Sheet Grid References Summary Description	MLO77385 Long Lane Studios TQ37NW Centre Point:	Centroid TQ 3263 7966 (MBR: 10m by 10m) (Centred on) 2 century pottery sherd was found. All other evidence of this period was possibly ures.				
Sources Number SLO76606	r Reference					
Location Administrative Area - [Borough] SOUTHWARK Address - Long Lane Studios, 31047 Tabard Street, SE1						
● FINDSPOT (E	oonent Types arly Medieval/Dark Age - 410 AD	to 1065 AD)				
Find Types ● POT (Early M	edieval/Dark Age to Medieval - 10	50 AD to 1150 AD)				
Designations						
Type/Grade	Reference/Title	Description				
Other Statuses a <i>Type/Grade</i> LAG number (GL Ref) Site Code Sites & Monumer Record	Reference/Title AAS 28/145 LGS01					
Associated Activ	vities/Events					
Event ID ELO1008	Name/Ref Long Lane Studios, Lond Borough of Southwark	Brief Description (click Event ID for details)           don         An Archaeological Evaluation was carried out by AOC at Long Lane            Studios, London Borough of Southwark between the 12th February an				
Return to <u>To</u>	of page					
Fiel of more	4					

### End of record





Appendix 2 Written Scheme of Investigation



# Written Scheme of Investigation

In support of applications for docking stations

Status: Final Date: 06 May 2009



## **CONTENTS PAGE**

1	Intro	duction	2
	1.1	Purpose of the Document	2
	1.2	Planning Background	2
	1.3	Specific Aims of the Archaeological Work	2
2	Site I	nvestigation	3
	2.1	Methodology	3
	2.2	Site Recording	4
	2.3	Site Reporting and Archiving	4
3	The S	Site Archaeologists	5
4	Healt	th and Safety	5



## **1** INTRODUCTION

### 1.1 Purpose of the Document

This document sets out the method for undertaking archaeological investigations on the Sites of docking stations associated with Transport for London's Cycle Hire Scheme.

An Archaeological Impact Assessment has been undertaken for the Site to which this document is attached.

### 1.2 Planning Background

A planning application is to be submitted for a bicycle docking station as part of Transport for London's (TfL) Cycle Hire Scheme. An Archaeological Impact Assessment has been undertaken to which this generic written scheme of investigation has been attached. Any planning permission is likely to include a condition requiring that no development take place until a programme of archaeological work in accordance with a Written Scheme of Investigation has been submitted to and approved by the Planning Authority. This archaeological work should consist of the investigation of whether there are any archaeological remains within the footprint of the groundworks for the docking station. If the results of the Site investigation are positive then any archaeological features, deposits or finds which lie within the footprint of the docking station groundworks should be preserved by record.

### **1.3** Specific Aims of the Archaeological Work

The objectives of this archaeological investigation are (not exclusively):

To understand the character, form, function and date of past activities indicated in this area by the archaeological remains;

To record and consider the evidence of the activities present on the Site within the wider context of finds in the area; and

To investigate and record the spatial distribution of activities across the Site in terms of the distribution of features, artefacts and environmental evidence

Although it is usual to include more specific aims than the above, in this instance there is no evidence of any specific remains. However, should these emerge during the works specific project aims shall be formulated and adopted as part of the project design at the start of the post-excavation process.

## 2 SITE INVESTIGATION

### 2.1 Methodology

### Site Investigation

On the Site, the area of the groundworks will be marked out and the carriageway/roadway/footway surface together with any levelling material shall be lifted by the main works contractor.

An archaeologist shall then investigate the area by hand. This will involve the excavation of small investigative trenches by hand with a mattock and/or trowel. The area of these trenches in plan may vary but should be of sufficient size to determine the presence/absence of any archaeological remains on the Site. On some Sites it may be immediately obvious that the whole area consists of undifferentiated rubble and small holes to confirm this every 5m or so would suffice; on others the Site may consist of more complex deposits which require a more sophisticated approach which investigates the nature of the different features which have been revealed.

Excavations will proceed down to the maximum depth of foundations, however this will be no deeper than 450mm.

Any human remains must be left in-situ, covered and protected. Removal can only take place under appropriate Ministry of Justice Licence and environmental health regulations. Such removal must be in compliance with the Burials Act 1957.

Where no significant archaeological remains are revealed, no further archaeological intervention shall be undertaken.

### Further Investigation

Those areas of the Site where initial investigation suggests the presence of features or possible features shall, if necessary, be hand-cleaned to ensure features are properly defined and sufficient information is available to produce a base plan.

Once a Site grid has been established using an EDM or theodolite and this has been converted into the Ordnance Survey National Grid, the stripped surface shall be accurately planned at an appropriate scale (1:50 or 1:100 depending on complexity). Some hand cleaning may be necessary and the archaeological team shall be structured to ensure that the hand cleaning and planning operations run in close sequence. The exposing and planning of the archaeological features shall be undertaken on the same or consecutive days while the uncovered surface is fresh, whether or not those features are exposed by machining or hand cleaning. Should particularly vulnerable deposits be revealed (eg graves or cremations) these shall be given priority.

Where initial data is captured electronically, the archaeologist shall ensure that sufficient points are taken to provide a true reflection of its form in plan. A print out of the plan shall be checked for accuracy on Site.

In addition to capturing plan data, sufficient levels shall be taken across the Site and within any features to support future topographic modelling of the Site.



Large homogenous linear features shall be sampled (a minimum of 10%) and the intersections of features shall be investigated so that their stratigraphic relationships may be recorded. Discrete features, such as pits and postholes, shall be investigated with a minimum sample of 50% (unless it is agreed with the Archaeological Advisors to the Planning Authority that a smaller sample is adequate).

Excavation shall proceed down to the maximum depth of foundations or the undisturbed natural substratum, whichever is encountered first.

Reasonable access to the Site is to be arranged for the Planning Authority's Archaeological Advisors, who may wish to make Site inspections to ensure that the archaeological investigation is progressing satisfactorily.

### 2.2 Site Recording

Context sheets shall include all relevant stratigraphic relationships and for complex stratigraphy a separate matrix diagram shall be employed. This matrix shall be fully checked during the course of the investigation.

The Site archive shall be so organised as to be compatible with other archaeological archives produced in Greater London. Individual descriptions of all archaeological strata and features excavated or exposed shall be entered using a continuous numbered context system onto prepared pro-forma recording sheets. Sample recording sheets, sample registers, finds recording sheets, access catalogues, and photo record cards shall also be used.

Plans of archaeological features on the Site shall be drawn at a minimum scale of 1:20. Sections shall be drawn at a minimum scale of 1:20.

All archaeological plans and sections shall be on drawing film and would include context numbers and OD spot heights for all principal strata and features.

Other plans shall include a Site location plan, a general plan (e.g. OS 1:1250) showing investigation area and development Site in relation to surrounding locality. These shall be supplemented by trench plans at 1:500 (or 1:200), which shall show the location of the areas investigated in relation to the investigation area, OS grid and Site grid (if any). The locations of the OS bench marks used and Site temporary bench marks (TBMs) shall also be identified.

A photographic record of the project shall be provided. This would illustrate in both detail and general context the principal features and finds discovered. The photographic record would also include working shots to illustrate more generally the nature of the archaeological operation mounted.

### 2.3 Site Reporting and Archiving

### Site Investigation only

In the event of the Site investigation being negative the archaeologist shall produce a report stating that there were no findings, one unbound, six bound hard copies and one digital copy. Four copies shall be provided to Greater London Archaeological Advisory Service.

Should the Site investigation prove positive, a further investigation will be carried out.



### Further Investigations

Depending on the outcome of the Site investigation, a further Site investigation will be carried out and this will be proportionate to the findings recovered.

A research archive for the Site shall be produced in accordance with MoRPHE (English Heritage 2006). Within 3 months of completion of field work, the archaeologist shall produce a report, one unbound, six bound hard copies and one digital copy. Four copies shall be provided to Greater London Archaeological Advisory Service. A summary report shall be submitted to a suitable regional or national archaeological journal(s) within six months of completion of fieldwork.

Specialist assessment reports shall be produced if required. The following external specialist services may be required: osteoarchaeology; animal bone; Roman, medieval and Post-medieval pottery and metalwork; pollen; soil micromorphology; snails; plant macrofossils. Pottery reports shall refer to the appropriate type series.

The archive shall be used to produce a report including narrative, illustrations and plans as appropriate. It shall give details of the background to the project, the archaeological evidence recorded during the excavation and the archaeological conclusions that can be drawn.

Following completion of the above, a review of the post-excavation programming shall be held in consultation with the Archaeological Advisor to the Planning Authority and the relevant specialists. At this review stage a timetable including a Critical Path Analysis and the aims of specialist research shall be identified and agreed. This timetable shall also contain agreed monitoring points.

After that review, all specialist reports shall be commissioned and the full postexcavation programme implemented through to full archive report and publication.

Data including a copy of the written archive shall be prepared for accession to the Historic Environment Record.

The material archive and one copy of the Site archive shall be prepared for accession to the Museum of London. Agreement for the long-term curation of the archive shall be made with the Museum of London.

### 3 THE SITE ARCHAEOLOGISTS

The field team deployed shall include <u>only</u> full time professional archaeological staff. All staff in supervisory positions should be Members of the IFA.

The project shall comply with the Institute of Field Archaeologists Code of Conduct and all relevant Standards and Guidance documents

## 4 HEALTH AND SAFETY

All archaeological work must be undertaken in accordance with relevant health and safety legislation. It is assumed that CDM regulations will apply.