

**FINAL REPORT**

**12-18 PUMP HILL, LOUGHTON, ESSEX IG10 1RU**

**PLANNING REF: EPF13 2449**

**REPORT REF: EPF14**

**OASIS NUMBER: 186339**

**BY ZOE ALLVEY SCHOFIELD**

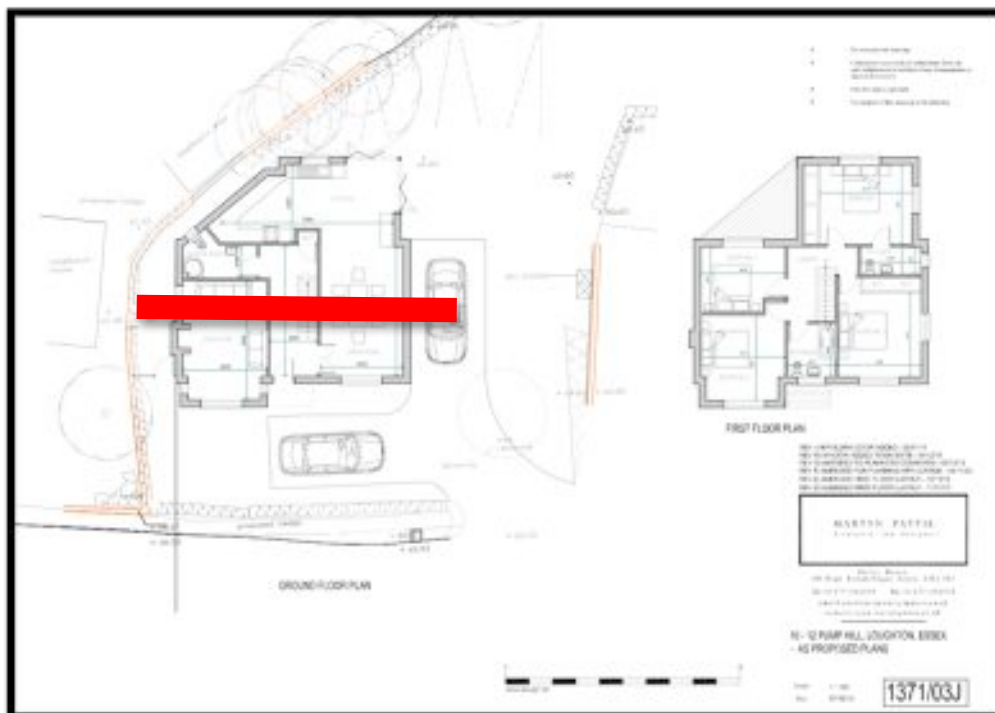
**Allvey Schofield Archaeology, The Ridings, White Elm Road, Danbury, Essex CM3 4LR**

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# Plans



Site plan Area 1 with Trial Trench 1 plotted across central axis of proposed development



Floor Plan with Trial Trench 01 1.2m x 12.0m

# Site Report

**Site Code:** EPF14  
**Name:** Pump Hill  
**Address:** 12-18 Pump Hill, Loughton, Essex IG10 1RU  
**Parish:** Loughton  
**District:** Epping Forest  
**NGR:** TQ 42662 9709  
**Elevation:** 76m/251 ft AOD

## Description:

The proposed development is part of the historic settlement of Loughton (TQ4263797047). It is sited within the historic hamlet of Pump Hill, at the junction of Pump Hill and Queen's Road. The site is located between two neighbouring houses in a residential street that contains several listed buildings dating to 17<sup>th</sup> Century.

## History of site:

The Historic Environment Record shows that the proposed development lies within the extent of a medieval and later pottery industry site from which a 17<sup>th</sup> century pottery kiln (EHER 4061 and 18372) and evidence of pottery manufacture have already been uncovered. The proposed development lies close to the street frontage and adjacent to 20-24 Pump Hill, a range of listed 17<sup>th</sup> century cottages and the Gardeners Arms, a listed 17<sup>th</sup> century public house. A Historic Settlement Assessment has been undertaken for Loughton (O'Connor 2005).

**Related EHER No:** 4061 & 18372

**Archaeological Potential:** The proximity of the site to 17<sup>th</sup> C listed buildings and Medieval and later pottery industry site.

## 1. Planning Application:

**Planning number:** EPF 2449/13

**Applicant:** Mr Arafat Bashir (E: [arafatbashir@hotmail.com](mailto:arafatbashir@hotmail.com) T:07712 633441)

**Architect:** Martyn Pattie, Hailey House, 178 High Street, Ongar, Essex CM5 9SJ  
E: [architect@martynpattie.co.uk](mailto:architect@martynpattie.co.uk) T:01277 364979

### Application:

Epping Forest District Council 2013

The Proposed development of a single dwelling

### Planning recommendation:

3. *Full condition Trial-Trenching*

5. *The fieldwork assessment will take the form of a single trial-trench along the longer axis of the new house. The trenching plan will be agreed with the Historic Environment Advisor prior to work commencing.*

## 2. Brief:

EPF 2449-13 12-18 Pump Hill Loughton Brief issued on 22nd July 2014 by the Historic Environment Officer: Maria Medlycott, Place Services, County Hall, Chelmsford CM1 1QH  
E: [maria.medlycott@essex.gov.uk](mailto:maria.medlycott@essex.gov.uk) T: 03330 136853

## 3. Written Scheme of Investigation:

WSI issued on 22<sup>nd</sup> July 2014 by Zoe Allvey Schofield, The Ridings, White Elm Road, Danbury, Essex CM3 4LR  
E: [zoeschofield1@gmail.com](mailto:zoeschofield1@gmail.com) T:07976 275180

#### **4. Archaeological Survey:**

**Date of work:** 23<sup>rd</sup> July 2014

**Area Investigated:** 14.4 SQM (Trench 1) of Approximately 500 Sqm (Site Area 1)

**Type of Investigation:**

A single trial trench (1.2m x 12.0m) was machine cut across the central axis of the proposed development (Direction North-South) to sub soil depth (70cm)

**Description:**

There were three stratigraphic layers:

Context 001 – Sub-soil – A mixture of dark brown soil with loose, dry consistency and organic, stone, construction and household debris deposits

Context 002 – A mixture of Natural base and Sub-soil with stone and charcoal deposits

Context 003 – Natural - A clean sandy clay with stone deposits

There were no finds in situ within Trench 1 but one shard of late medieval pottery and several shards of late 18<sup>th</sup> and 19<sup>th</sup> Century pottery were mixed with modern household and construction debris unstratified in the spoil heap.

**Conclusion:**

The mixed stratigraphic layers and the deposits on the site surface and in the spoil heaps suggested that the site had suffered significant disturbance, probably due to past construction activity.

**Periods represented:** 17<sup>th</sup>/18<sup>th</sup>/19<sup>th</sup>/20<sup>th</sup> Century

**Museum:** Epping Forest Museum

E: [museum@eppingforestdc.gov.uk](mailto:museum@eppingforestdc.gov.uk) T: 012992 716882

**Oasis No:** 186339

**Archive Type & Location:**

Photographic, Digital, Hard copy, Pottery shards

Zoe Allvey Schofield Archaeology

The Ridings, White Elm Road, Danbury, Essex CM3 4LR

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**The Site - Area 1 of 1**



**Area 1 viewed facing East with Trial Trench 1 and East spoil heap ◆ in view**



**Area 1 viewed facing South with Trial Trench 1 and East spoil heap ◆ in view**

**Trial Trench - Trench 1 of 1**



**A1 - Trench 1**  
**Direction: North - South**  
**Size: 1.2m Width x 12m Length x 0.4m - 0.7m Depth**



**A1 - Trench 1 - Facing North**

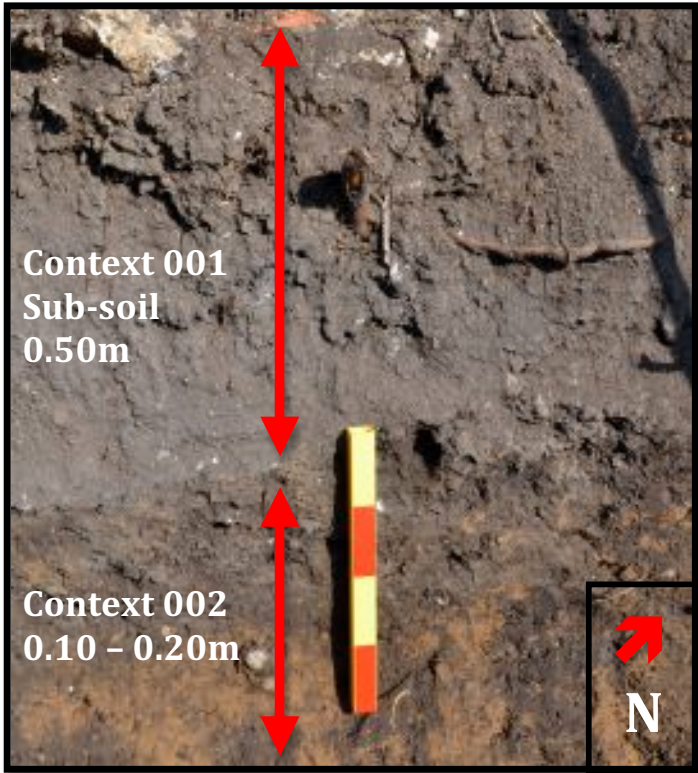


**A1 - Trench 1 - Facing South**

**A1 - Trench 1 - North**



**A1 - Trench 1 - North - Section View**



**A1 - Trench 1 - North - Section Detail**



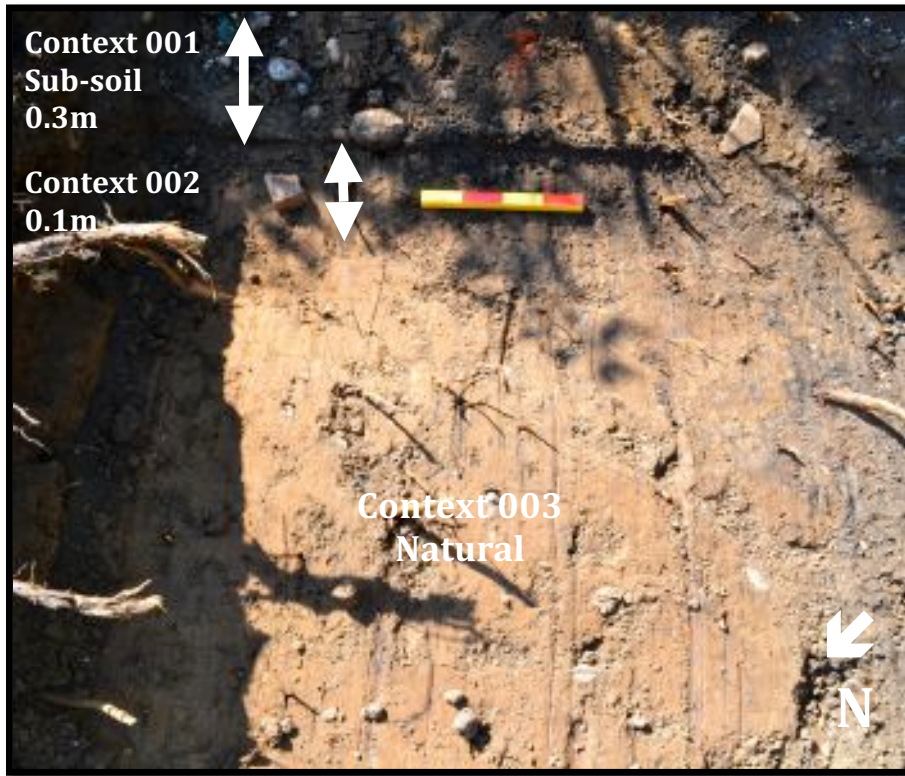
**A1 - Trench 1 - North - Natural- Context 003**

**A1 - Trench 1 - South**



**A1 - Trench 1 - South - Section View**





**A1 - Trench 1 - South - Section Detail & Natural - Context 003**

**A1 - Trench 1 - Centre**

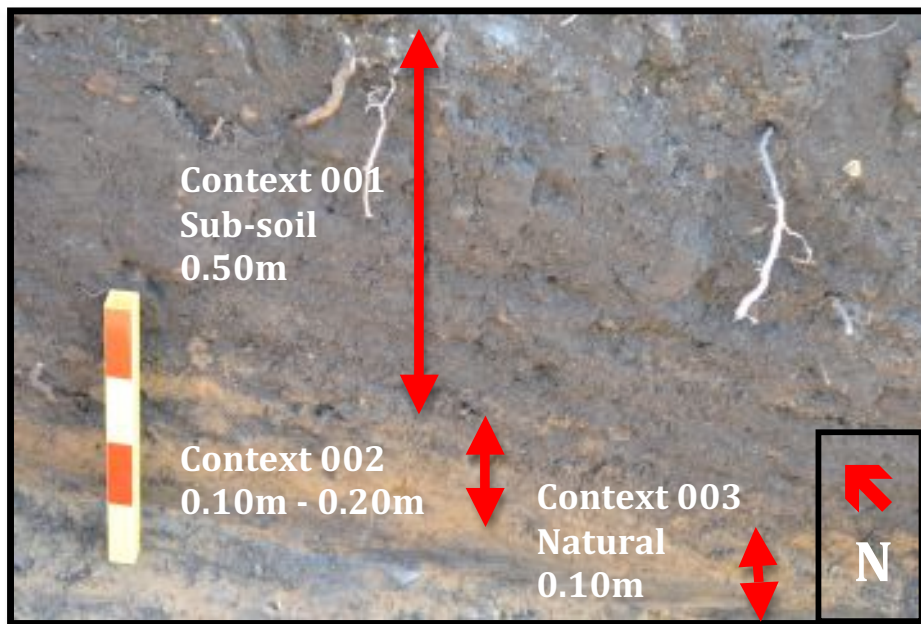


**A1 - Trench 1 - Centre - Natural - Context 003**

**A1 - Trench 1 - East**

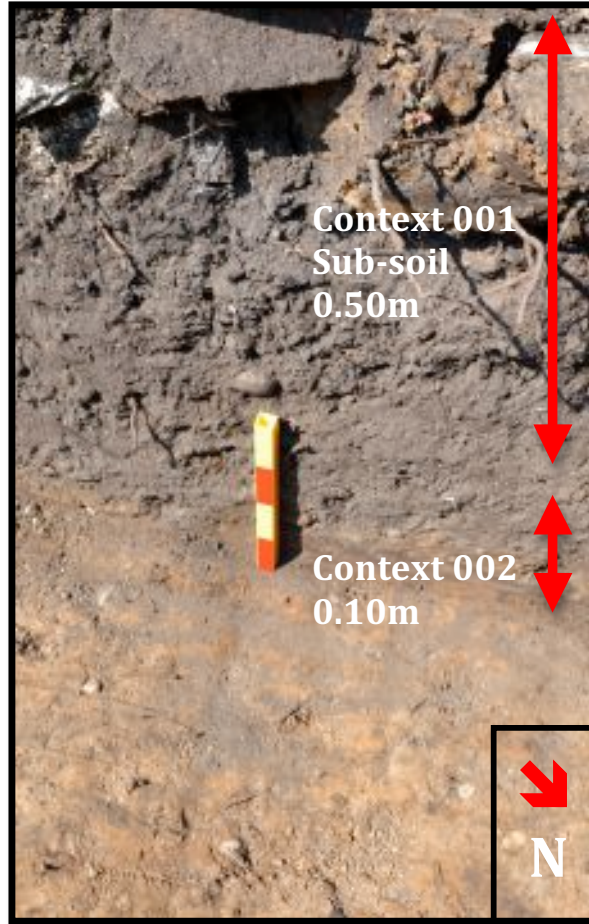


**A1 - Trench 1 - East - Section View**



**Area 1 - Trench 1 - East - Section Detail - Context 001/002/003**

**A1 - Trench 1 - West**



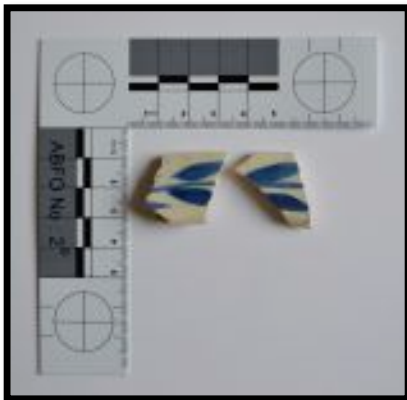
**Area 1 - Trench 1  
West - Section view  
Context 001/002**

**Pottery - EPF14 - A1 - Unstratified**

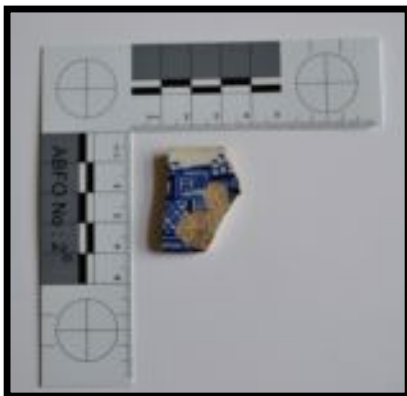
**1. Late 17<sup>th</sup> Century - Early 18<sup>th</sup> Century  
Unstratified - West Spoil heap**



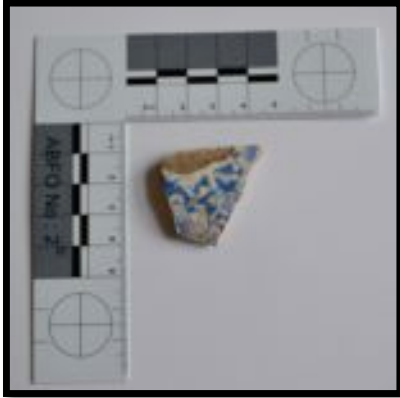
**2. Late 19<sup>th</sup> Century  
Unstratified - West Spoil heap**



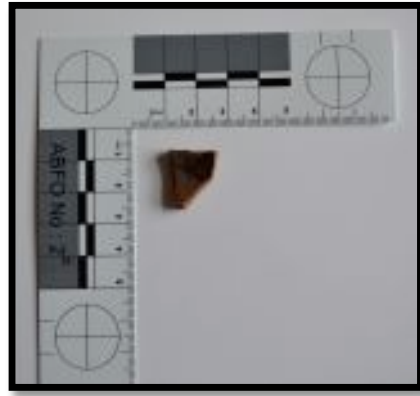
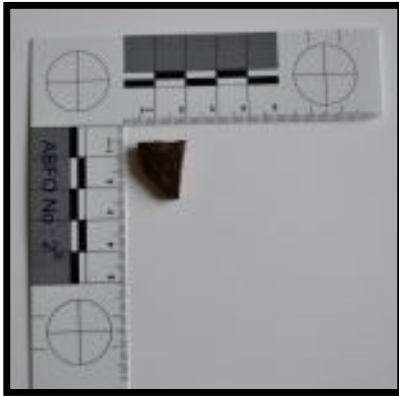
**3. Late 19<sup>th</sup> Century  
Unstratified - East Spoil heap**



**4. Late 19<sup>th</sup> Century  
Unstratified - West Spoil heap**



**5. Late 19<sup>th</sup> Century  
Unstratified - West Spoil heap**



**6. 20<sup>th</sup> Century  
Unstratified - West Spoil heap**



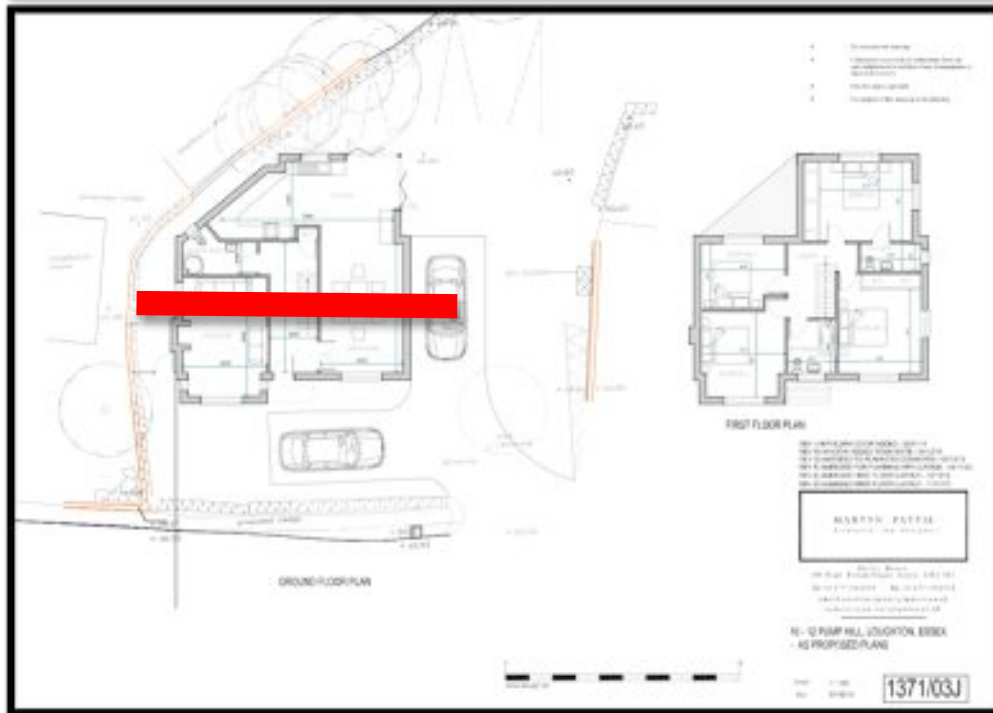
**7. 20<sup>th</sup> Century  
Unstratified - West Spoil heap**



**8. 20<sup>th</sup> Century  
Unstratified - West Spoil heap**



**SITE PLAN AREA 1 WITH TRIAL TRENCH 1 PLOTTED ACROSS CENTRAL AXIS OF PROPOSED DEVELOPMENT**



Previous Summaries/Reports:

N/A

Author of Summary:  
ZOE ALLVEY SCHOFIELD

Date of Summary: 31<sup>ST</sup> JULY 2014

<b>Site Name/Address:</b> 12-18 PUMP HILL, LOUGHTON, ESSEX IG10 1RU	
<b>Parish:</b> LOUGHTON	<b>District:</b> EPPING FOREST
<b>NGR:</b> TQ 42662 9709	<b>Site Code:</b> EPF 2449/13
<b>Type of Work:</b> TRIAL TRENCHING	<b>Site Director/Group:</b> ZOE ALLVEY SCHOFIELD
<b>Date of Work:</b> 24 <sup>TH</sup> JULY 2014	<b>Size of Area Investigated:</b> 14.4SQM OF 500 SQM
<b>Location of Finds/Curating Museum:</b> EPPING FOREST	<b>Funding source:</b> OWNER
<b>Further Seasons Anticipated?</b> NO	<b>Related EHCR No's:</b> 4061 & 18372
<b>Final Report:</b> EPF14	<b>OASIS number:</b> 186339

**Periods Represented:** 17<sup>TH</sup>/18<sup>TH</sup>/19<sup>th</sup>/20<sup>th</sup> Century

**SUMMARY OF FIELDWORK RESULTS:**

THE SITE IS LOCATED BETWEEN TWO NEIGHBOURING HOUSES IN A RESIDENTIAL STREET THAT CONTAINS SEVERAL LISTED BUILDINGS DATING TO 18<sup>TH</sup> CENTURY.

A SINGLE TRIAL TRENCH (1.2M X 12.0M) WAS CUT ACROSS THE CENTRAL AXIS OF THE PROPOSED DEVELOPMENT (DIRECTION NORTH – SOUTH) TO SUB SOIL DEPTH (70CM).

THERE WERE THREE LAYERS IN THE STRATIGRAPHY.  
 001 – SUB-SOIL (50CM)  
 002 – MIXED LAYER OF SUB-SOIL & NATURAL CLAY (10CM)  
 003 – NATURAL CLAY 10CM >

CONTEXT 001 WAS A DARK BROWN SOIL WITH A LOOSE, DRY CONSISTENCY AND ORGANIC, STONE, CONSTRUCTION AND HOUSEHOLD DEBRIS DEPOSITS.  
 CONTEXT 002 WAS A MIXED LAYER OF NATURAL SANDY CLAY AND SUB-SOIL WITH STONE AND CHARCOAL DEPOSITS.  
 CONTEXT 003 WAS NATURAL CLEAN SANDY CLAY WITH STONE DEPOSITS BUT NO EVIDENCE OF OCCUPATION.

CONTEXT 002 WAS A MIXED LAYER OF CONTEXTS 001 & 003 AND THE DEPOSITS IN CONTEXT 001 & 002 RANGED FROM 19<sup>TH</sup> TO 21<sup>ST</sup> CENTURY. INDICATING THAT THE SITE HAD SUFFERED PAST DISTURBANCE.

ONE SHERD OF LATE MEDIEVAL POTTERY AND SEVERAL SHERDS OF 18<sup>TH</sup> & 19<sup>TH</sup> CENTURY POTTERY SHERDS WERE FOUND UNSTRATIFIED IN THE SPOIL HEAP BUT THERE WERE NO FINDS IN SITU IN TRENCH 1.

STRATIGRAPHIC PRESENTATION AND SITE SURFACE AND SPOIL HEAP DEPOSITS INDICATED THAT THE SITE HAD SUFFERED SIGNIFICANT DISTURBANCE, PROBABLY DURING PAST CONSTRUCTION ACTIVITY.



# OASIS DATA COLLECTION FORM: England

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**OASIS ID: zoeschof1-186339**

## Project details

Project name	12-18 Pump Hill, Loughton, Essex - Trial Trenching
Short description of the project	The site is located between two neighbouring houses in a residential street that contains several listed buildings dating to the period of 17th Century and close to the site of a medieval and later 17th Century pottery kiln. A single trial trench (1.2M X 12.0M) was cut across the central axis of the proposed development (Direction North - South) to sub soil depth (70cm). The ground showed evidence of past disturbance and the deposits were a combination of 18th - 20th Century household debris.
Project dates	Start: 24-07-2014 End: 24-07-2014
Previous/future work	No / No
Any associated project reference codes	EPF 2449/13 - Planning Application No.
Any associated project reference codes	4061 - Related HER No.
Any associated project reference codes	18372 - Related HER No.
Any associated project reference codes	EPF13 - Contracting Unit No.
Any associated project reference codes	1591570 - NMR No.
Type of project	Field evaluation
Site status	Local Authority Designated Archaeological Area
Current Land use	Vacant Land 1 - Vacant land previously developed
Monument type	NONE None
Significant Finds	NONE None
Methods & techniques	"Sample Trenches"
Development type	Small-scale (e.g. single house, etc.)
Prompt	Planning condition
Position in the	After full determination (eg. As a condition)

planning process

## Project location

Country	England
Site location	ESSEX EPPING FOREST LOUGHTON 12-18 Pump Hill, Loughton, Essex IG10 1RU
Postcode	IG10 1UR
Study area	14.4 Square metres
Site coordinates	TQ 42630 97070 51.653812708859 0.062059541116 51 39 13 N 000 03 43 E Point

## Project creators

Name of Organisation	Zoe Schofield
Project brief originator	HEA - Maria Medlycott
Project design originator	Zoe Schofield
Project director/manager	Zoe Schofield
Project supervisor	Zoe Schofield
Type of sponsor/funding body	Landowner
Name of sponsor/funding body	Mr A Bashir

## Project archives

Physical Archive recipient	Zoe Schofield
Physical Archive ID	EPF13-1
Physical Contents	"Ceramics"
Physical Archive notes	19th and 20th Century Pottery sherds stored at: The Ridings White Elm Road Danbury Essex CM3 4LR
Digital Archive recipient	Zoe Schofield
Digital Archive ID	EPF13-1
Digital Contents	"Ceramics","Stratigraphic","Survey"
Digital Media available	"Images raster / digital photography","Text"
Digital Archive notes	Photographs stored digitally by Zoe Schofield
Paper Archive recipient	Zoe Schofield
Paper Archive ID	EPF13-1
Paper Contents	"Ceramics","Stratigraphic"
Paper Media available	"Context sheet","Map","Photograph","Plan","Report"

## Project bibliography 1

Publication type	Grey literature (unpublished document/manuscript)
Title	12-18 Pump Hill, Loughton, Essex
Author(s)/Editor(s)	Schofield, Z
Date	2014
Issuer or publisher	Zoe Schofield
Place of issue or publication	Danbury, Essex
Description	Brief summary report of trial trenching - map and plans of proposed development, details of trial trench, stratigraphy and pottery sherds in text and photographs.

Entered by Mark Barratt (oasis@historicengland.org.uk)

Entered on 23 February 2016

# OASIS:

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