103 CHEYNE WALK, SW10 0DQ

ROYAL BOROUGH OF KENSINGTON AND CHELSEA

AN ARCHAEOLOGICAL EVALUATION



April 2011



103 CHEYNE WALK, SW10 0DQ ROYAL BOROUGH OF KENSINGTON AND CHELSEA

AN ARCHAEOLOGICAL EVALUATION

SITE CODE: CHE 11

SITE CENTRE NGR: TQ 2681 7749

PLANNING REFERENCE No: PP/07/00912

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April 2011

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Abstract

An archaeological evaluation of the rear part of 103 Cheyne Walk, fronting onto Milman's Street to the west, took place in February 2011. The work was carried out as a condition of planning consent prior to the construction of a new basement development in this area (Royal Borough of Kensington and Chelsea Planning Ref: PP/07/00912).

Substantial and significant archaeological remains were observed in trench 1, however little of archaeological interest (except for one pit-feature) was observed in trench 2.

The most substantial remains consisted of probable early 17th Century brick walls, which formed the eastern and western sides of a basement or cellar, and a bread oven. This must have been part of a significant and substantial building, which would have stood on the site. It is possible that further remains associated with this basement may exist – including substantial basement fills and possible in situ features such as a basement floor.

Other significant remains relating to the $18^{th} - 20^{th}$ Century development of this area was also uncovered. This included remains of two cottages, both the cottages themselves and their back-yards (including a well, a possible rubbish pit, an outhouse, and the probable spine wall that ran between the two properties).

In view of these results it is suggested that further archaeological measures be undertaken in relation to the proposed redevelopment and planning condition. This will probably take the form of an investigation undertaken immediately prior to, or during, the bulk excavation (at the start of the development). This will be discussed with English Heritage and the client.

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1. Introduction

1.1 This report describes the results of an archaeological evaluation of a proposed development at the rear of 103 Cheyne Walk, fronting Milman's Street to the west. The evaluation took place as part of the planning process for the construction of an 'L'-shaped basement in this area (Royal Borough of Kensington and Chelsea Planning Ref: PP/07/00912).

The evaluation fieldwork was undertaken by Compass Archaeology between the $21^{st} - 28^{th}$ February 2011.

- 1.2 The site lies in an Archaeological Priority Area and has potential for a range of archaeological remains from prehistoric date onwards, although late medieval and earlier post-medieval evidence may be of particular significance. The land appears to be in the vicinity of a medieval farmhouse, which was incorporated into the estate established by Sir Thomas More in the 1520s. This was followed by probable mid 17th century development of residential housing fronting onto Milman's Street.
- 1.3 English Heritage advised that a preliminary archaeological evaluation of the site should be undertaken in response to the condition of planning consent, prior to the start of development.

A subsequent Written Scheme detailed the proposed evaluation. This proposed a total of two trial trenches, located within the development footprint and covering a total area of c.24.25 square metres (approximately 10% of the proposed development) at the level of potential archaeology or natural.

2. Acknowledgements

The archaeological evaluation was commissioned by Richard Cheesman, Amin Taha Architects Ltd, on behalf of Ms Dove-Edwin and Mr Paul Ellis.

The fieldwork was monitored by Robert Whytehead of English Heritage GLAAS, on behalf of the Royal Borough of Kensington and Chelsea.

3. Background

3.1 Location and topography

- **3.1.1** The site in which the basement is to be constructed occupies a roughly 'L'shaped plot, measuring about 28m by 17m, and approximately centred at National Grid Reference TQ 2681 7749. The existing buildings consisted of a single storey structure to the east and a separate garage to the west fronting Milman Street, although these were demolished prior to the evaluation.
- **3.1.2** According to the British Geological Survey (*Sheet 270*, 1998) the site overlies a natural River Terrace Deposit (Kempton Park Gravel). This is confirmed by

a recent trial pit and borehole investigation (*Hace Technical Services, Job No. L6216/01*, Jan. 2007), although this also indicates some substantial truncation of natural deposits which was initially thought to be the result of localised quarrying. Up to 3.5m of made ground is recorded, mainly a compact silty clay with brick rubble and some gravel: this was located in two areas, mainly around the eastern part of the larger proposed trench and at one point towards the northern end of the smaller trench. However, elsewhere the overburden is between 0.9m and 1.7m deep and overlies apparently natural angular gravel.

3.1.3 The present ground surface is fairly level, at about 5.00m OD.

3.2 Archaeology and history

- **3.2.1** There is some local evidence for prehistoric settlement, including finds from the Thames and from more recent archaeological investigation. Struck flint and pottery finds plus some *in situ* features have been recorded near Chelsea Old Church (site codes CHY96; OCR97; OCU00) and at the Old Rectory (site code ORC91).
- **3.2.2** Roman features have also been found near the Church (sites OCU00; OCR97). These include pits, ditches and possible beam slots, perhaps associated with a rural settlement.
- **3.2.3** The name Chelsea suggests early Saxon settlement, although the first mention is in AD 785. There is some archaeological evidence for pre-Conquest settlement, particularly near the Old Church: at the rear of 6-16 Old Church Street middle Saxon features included a possible timber structure, plus a Saxo-Norman ditch. Timbers found in 1996 in the Thames just west of Battersea Bridge date to the period 700-900 AD, and appear to be a fish-trap.
- 3.2.4 The core of the medieval settlement was around the church, manor house and riverfront. The medieval parsonage, recorded in 1388 but possibly much earlier, was apparently located at the southern end of the later Milman's Street and roughly opposite the present site. Other medieval buildings are also indicated by the link between assized rents and commoning, including a farmhouse that appears to have been the forerunner of Lindsey House and so just to the southeast of the evaluation site. Archaeological work in the vicinity of the Old Church has revealed features of mid 11th to 14th century date, including pits, postholes, ditches and possible bedding trenches (site codes CHY96 & OCU00). Later medieval and early post-medieval remains are also recorded from these sites and from work at the Old Rectory and Crosby Hall (codes ORC91 & CCW93).
- 3.2.5 103 Cheyne Walk formed part of the landholding that was assembled by Sir Thomas More to create his Chelsea estate in 1524. It is not clear where the main house was located, although it is recorded that More constructed a new building containing a chapel, library and gallery at a 'good distance' from his mansion. It is possible that the latter occupied existing accommodation close to

- the riverside road, with the 'new building' to the north (and northeast of the present site) forming the core of the later Beaufort House.
- **3.2.6** In the early 17th century (c.1617-19) Gorges House was built directly to the north of the site. The southern extent of the associated garden is probably represented by the present-day property boundary that includes the northern limit of 103 Cheyne Walk. The farmhouse on More's estate was also apparently rebuilt during the 17th century and subsequently became known as Lindsey House.
- 3.2.7 In 1646 a plot of land was leased which may well include the present site: this is described as a brick barn and adjoining ground where a dovehouse formerly stood, enclosed with a brick wall. The lessee, a Chelsea bricklayer by the name of William Cox, established five houses on the site. These may well include the three adjoining brick cottages, of two storeys with dormers in the tiled roofs, which are subsequently recorded as Nos. 55-59 Milman's Street. These appear to be shown on Hamilton's map (1664-1717) and certainly appear in two later 19th/early 20th century photographs. The northernmost property may be later perhaps a rebuild but those to the south stand within the present site boundary (fig. 1) and may well be of mid 17th century date.

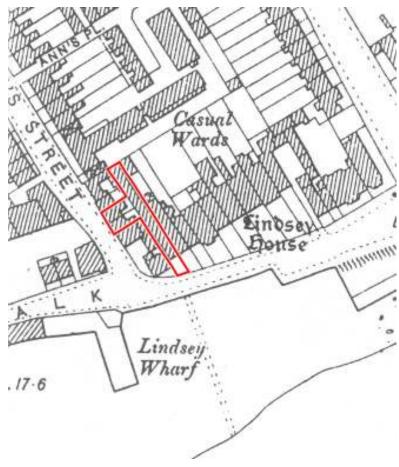


Figure 1: 1894-96 OS Map



Figure 2: 19th Century photo of cottages along eastern side of Milman Street, copyright English Heritage (NMR.BB013038)

4. Aims and objectives of the evaluation

4.1 Archaeology and planning

Substantial alterations and refurbishment are proposed to the site of 103 Cheyne Walk (Planning ref. PP/07/00912/CHSE/4055). This will include a major northward extension of the existing basement, to cover the full building footprint and to accommodate facilities including a swimming pool, gym, events room and studio. The proposal drawings indicate that the formation level of the new basement slab will be approximately 3.7m below ground level, with the base of the pool about 2m deeper.

An archaeological evaluation of the development site was recommended by English Heritage as part of the Local Authority planning process, to form a condition of planning consent.

4.2 The archaeological brief

The accepted brief for archaeological evaluation is to determine, as far as is reasonably possible, the location, extent, date, character, condition, significance, and quality of any surviving archaeological remains liable to be threatened by the proposed redevelopment (English Heritage, *Model Brief for an Archaeological Evaluation*). This will provide a basis on which decisions can be taken as to the need for any further archaeological action (e.g. preservation *in situ* or further archaeological investigation), or for no further action.

The general methodology is set out in DOE Planning Policy Statement 5 'Planning for the Historic Environment' March 2010 (PPS5).

In addition, a site-specific Written Scheme of Investigation for an Archaeological Evaluation was produced (Compass Archaeology, June 2010).

4.3 Archaeological research questions

The evaluation presented an opportunity to address several research questions, as defined in the preliminary Written Scheme of Investigation:

- Is there any evidence for prehistoric or Roman activity, including *in situ* features? How does this relate to other finds made in the area?
- Is there any evidence for Saxon or early medieval activity, and what is the nature of this? In particular, can finds or features be related to occupation in the immediate area?
- What evidence is there for medieval and earlier post-medieval activity? Is there any evidence for the farmhouse thought to have been located in this area and subsequently incorporated into Thomas More's estate?
- What is the nature of the deep made ground deposits recorded in the soil investigation: is it likely that these represent backfill following localized gravel quarrying, and what dating evidence is there?
- What evidence is there for the adjoining cottages that are recorded on the Milman's Street frontage, and can these be dated to the documented development of the mid 17th century? Is there evidence for the historic property boundary to the rear, or for occupation/activity in what was then a separate landholding on the eastern side of the present site?

5. Evaluation methodology

- 5.1 The evaluation was carried out in accordance with the English Heritage guidelines (including Standards and Practices in Archaeological Fieldwork, 1998) and those of the Institute of Field Archaeologists (Standard and Guidance for Field Evaluations). A Written Scheme was produced and agreed prior to the start of fieldwork.
- 5.2 The field evaluation comprised two trial trenches, located as shown on Figure 4, within areas of the proposed building development. The trenches measured 10 m X 1.8 m (trench 1) and 5 m X 1.1 m (trench 2), giving a total area of c.24 square metres at the level of potential archaeology or natural.

The trenches were opened by a JCB mechanical excavator using a toothless bucket and working under archaeological supervision. Recent deposits and disturbed or made ground were removed (by machine and hand) to the highest depth at which archaeology was encountered (generally c.1m beneath modern ground-surface), at which depth the trench could be entered. The exposed surfaces and sections at this depth were investigated by hand, recorded, drawn and photographed.

5.3 Deposits and features exposed in the evaluation were recorded on *pro-forma* sheets and by scaled plan and section drawings, supplemented by digital photography as appropriate. Levels were derived from an existing site survey, and ultimately from an OSBM located on the southern side of Cheyne Walk, just opposite Riley Street (value 5.39m OD).

The evaluation trench positions were located onto an existing site plan (Figure 4), which was related to the Ordnance Survey grid.

The records from the evaluation have been allocated the site code CHE11 by the Museum of London Archaeological Archive. The site records will be ordered and indexed in line with the MoL *Guidelines* and will be deposited in *the Archive* when all fieldwork is complete.

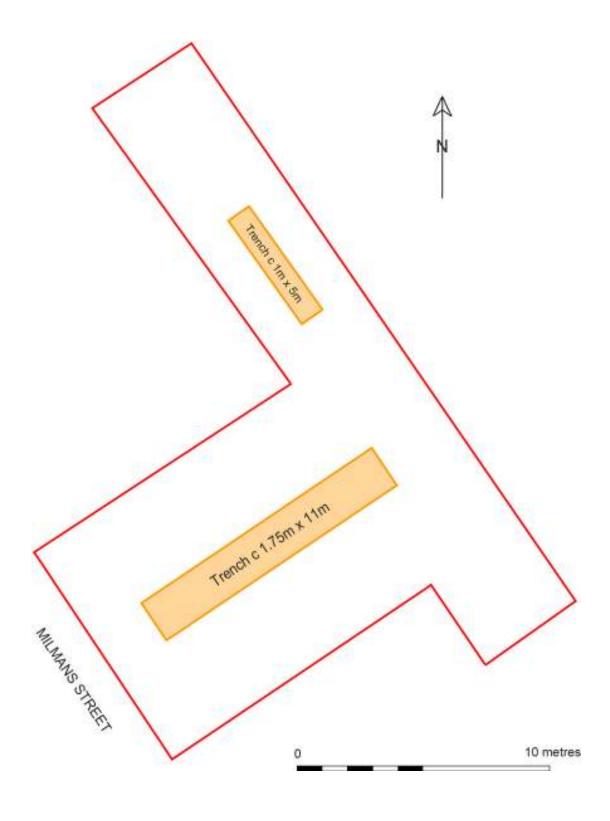


Figure 3: Plan of proposed evaluation trenches

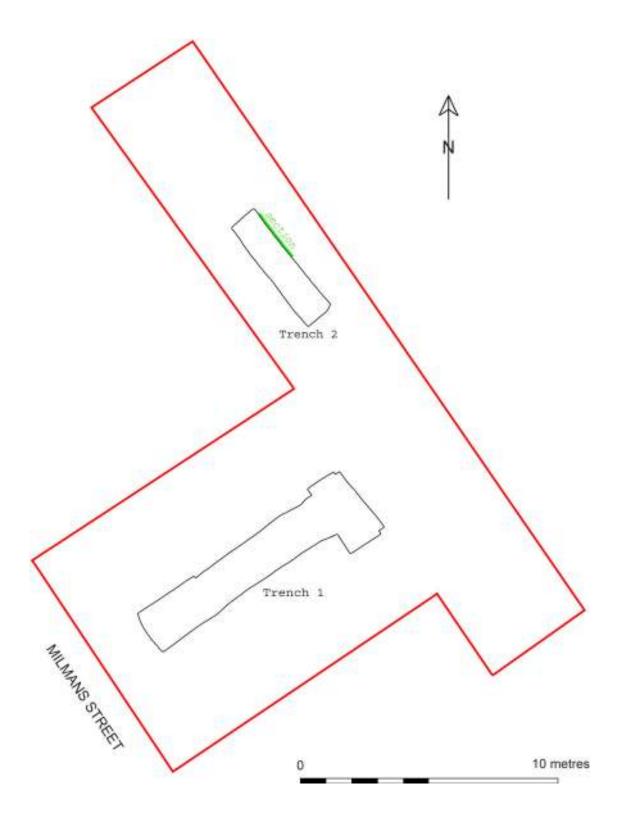


Figure 4: Plan of actual evaluation trenches

6. The archaeological evaluation

6.1 Summary of the findings

The evaluation trenches were dug from a fairly level and uniform surface, at between 5.2-5.82mOD (trench 2) and 5.5-5.7mOD (trench 1). Machine excavation was generally to the top of the first possible archaeological features encountered.

Archaeological features and deposits were observed at a fairly high level in trench 1, whereas little of archaeological interest (except for one quite large pit) was observed in trench 2.

6.2 Trench 1:

Lots of archaeological features were observed and recorded in trench 1. These have been divided into three discrete sections/periods – relating to the 'modern' (i.e. 20^{th} Century) features; 18^{th} – early 20^{th} Century features (mainly relating to the cottages that stood on the site); and earlier Tudor – 17^{th} Century activity on the site (mainly a large basement). These have been discussed in turn below.

6.2.1 Modern Features

Context	Description	Interpretation
Number	_	_
13	Iron tank in far western end of trench. c.2m E-W (total extent) and c.1.5m N-S observed (although probably 2m in length as runs into the southern section). At least 1.5m	tank of some description. Means that any archaeology in the far western end of trench (approximately 3m) has been
	deep (difficult to judge).	severely truncated.
14	Concrete-lined drain running adjacent to northern section. Runs into a box-drain at the eastern end. c.0.6m (width) at western end (including cut). Seen running for c.4m.	

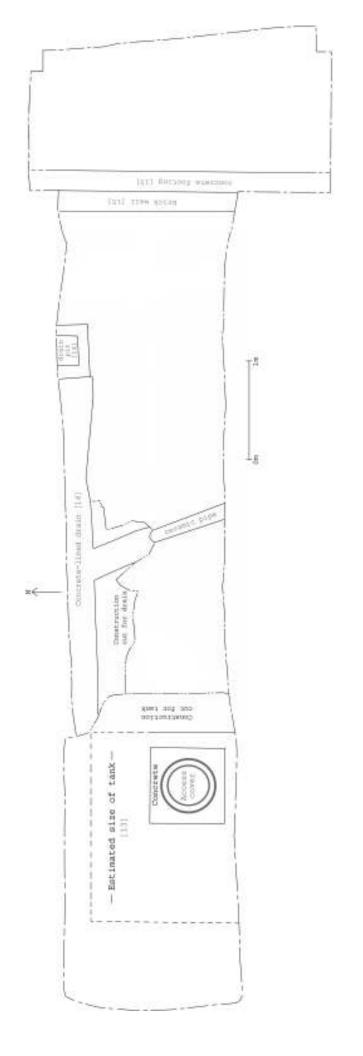


Figure 5: Plan of modern features in trench 1

- **6.2.1.1** Some of the features observed in this trench were 'modern', and of no apparent archaeological interest. Furthermore, some of these modern features have truncated archaeology in this area.
- **6.2.1.2** The most obvious of these modern features was the massive iron tank in the western end of the trench [13], which stretched over the whole width (N-S) of the trench, for a length of c.2m (E-W), and to a depth of c.1.5m. It is likely that this has truncated and destroyed any existing archaeology in this area.
- **6.2.1.3** The drain [14] was also of relatively modern date, as it was concrete-lined. This, and the construction cut for it, has truncated higher levels of archaeology in the northern part of the trench. For example, it appears to have truncated the 'cottage' surface [23], and possibly the western wall of the early 17th Century basement [32].



Figure 6: Photo of trench 1 from the east – clearly showing the modern iron tank [13] at western end

6.2.2 $18^{th} - 20^{th}$ Century Cottages

Context Number	Description	Interpretation
15	Wall running north-south across trench at the western end, and then east-west at either end into the eastern section (forming a box-shape). Yellow stock bricks set in coarse grey mortar. Dimensions: c.1.4m east-west X 3m north-south. Seen at ground-surface and down to base of trench. Wall is 0.22m wide, on a wider concrete base observed on the internal face.	Relatively modern brick wall (19 th Century), forming a box feature. Probably the 'box'-feature depicted on the 1865 OS Map, which is built against the rear boundary of the cottages.
16	Deposit overlying whole of trench and all other archaeological deposits and features. Relatively loose, midlight brown, silty-sand, with lots of finds including pot, CBM etc.	Probably a 'demolition' layer associated with the destruction of the cottages that stood in this area. This deposit overlies the 'cottage' features (i.e. tiled floor, walls). Finds from this deposit date to the 19 th Century (generally) – cottages were demolished in the early 20 th Century, so pottery from the 19 th Century would be found in the demolition layers.
17	Pit/dump of pottery, at far northeastern end of the trench, immediately to the west of the curved brickwork within wall [31]. Stretches for <i>c</i> .0.4m E-W, and <i>c</i> .0.5m N-S.	Pit filled with pottery – possibly a cesspit or rubbish dump. Determined/delineated by the curved brickwork but cut away by [15] to the north and west. Dating of pottery is relatively modern (19 th Century), suggesting that it may have been a dump in the backyard of the cottages.
18	Brick-lined drain in northern part of trench. <i>c</i> .1.5m in length (E-W), and runs into the brick-constructed drain to the east. Consists of red-orange bricks set within a coarse grey mortar.	Brick-lined drain. Associated with the 18 th – 20 th Century cottages, to drain the cottages in some way. Northern side now removed by later drain [14].
19	Brick-lined drain in southern part of trench. Can see one bricks' width in southern part of drain, drain gully (width of <i>c</i> .0.2m), and a couple of bricks on the north. Runs for <i>c</i> .1m (E-W). Red-orange bricks set within a coarse grey mortar.	Brick-lined drain. Associated with the 18 th – 20 th Century cottages? Drained the cottages in some way. Extant western end of both [18] and [19] probably lies just outside the rear wall of the cottages, so probably drained the scullery (etc) out into the yard.

20	Red brick wall, set within a coarse grey mortar, 4 courses deep, 2 bricks' width. <i>c</i> .1.4m length (E-W) and 0.2m width. Subsides significantly in the middle.	Probably a brick spine wall that divided the two 18 th Century cottage yards that stood in this area (depicted on maps).
21	Red brick wall, set within a coarse grey mortar, in rough courses. c.0.8m (N-S) and 0.3m (E-W)	Unclear as to the precise function of this wall. Too far east to be the back wall of the cottages, but too far west to be a wall associated with the rear of 103 Cheyne Walk (i.e. west of [15]). May well be on a line with the projecting eastern wall of the cottage that stood here.
22	Red tiles set flat in grey mortar. Tiles measure c.0.26m X 0.26m X 0.03m. Area measures approximately 0.6m (E-W) by 0.6m (N-S). Mortar scar runs diagonally across the tiled area.	Part of the tiled floor of one of the $18^{th} - 20^{th}$ Century cottages that stood in this area.
23	Layer/deposit around the tiled floor (at the same level) at the western end of the trench. Very compact mid-brown-grey silty-sand, with occasional charcoal specks and CBM fragments. c.0.75m (E-W) and 1m (N-S) around the tiled floor area – cut away by the concrete-lined drain [14] to the north, tank [13] to the west, and LOE to the south.	Possibly the deposit which underlay the tiled floor [22] – therefore formed the base make-up under the 18 th Century cottage floors.
24	Layer/deposit at the eastern end of the trench, just to the west of the modern wall [15]. Very compact, mid-brown-grey silty-sand, with occasional charcoal specks and CBM fragments. c.0.5m E-W and 1.6m N-S (maximum extent of trench N-S).	Outside the cottages, in the yardarea. Probably a mixture of backfills, especially of wall [15] to the east and well [25] to the southwest.
25	Red brick domed well. Very regularly coursed (mainly in stretchers), set within a coarse grey mortar at upper level (lower section apparently laid dry), and set out to form a dome-shape. Stone slab on top blocking the well is $c.0.5 \text{m} \times 0.5 \text{m}$; dome is $c.0.6 \text{m}$ radius; and investigation into the well revealed that it was at least $c.1.5 \text{m}$ deep (backfilled to this depth). Has cut away any other archaeology in this specific area.	Domed brick well. Found in the backyard of one of the 18 th Century cottages. Original depth unknown, appears to have some backfill.

26	Red brickwork, regularly coursed, set within a coarse grey mortar. c.0.4m E-W; c.0.45m N-S; and down to base of trench and beyond. Abuts wall [31] (at eastern end of trench). Cut-out in the centre of it.	replace an earlier east-west dividing wall (dividing the basement), however the dating of the bricks to
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Figure 7: Plan of $18^{th} - 20^{th}$ Century features in trench 1

6.2.2.1 As mentioned above (see archaeological and historical background) a row of cottages were constructed on the eastern side of Milman's Street in the mid-17th Century (*c*.1650). Cartographic evidence, however, suggests that such cottages did not exist in the site area itself in 1717 (James Hamilton's Survey, 1664 – continued to 1717). By 1746 (Rocque's Map, fig. 8), however, a row of such cottages or buildings of some description existed along the eastern side of Milman's Street. Richardson's Survey of Chelsea, 1769 (fig. 9), also depicts such a row of buildings. This therefore places the date of construction of cottages within the site area to the mid-18th Century. 19th Century OS Maps (1865-69, fig. 11) depict these cottages more clearly, with the dividing line of the cottages running down the central line of the site, and two yards to the rear. These cottages remained on the site until the early 20th Century when they were clearly demolished, as they do not appear on the 1912 OS Map.

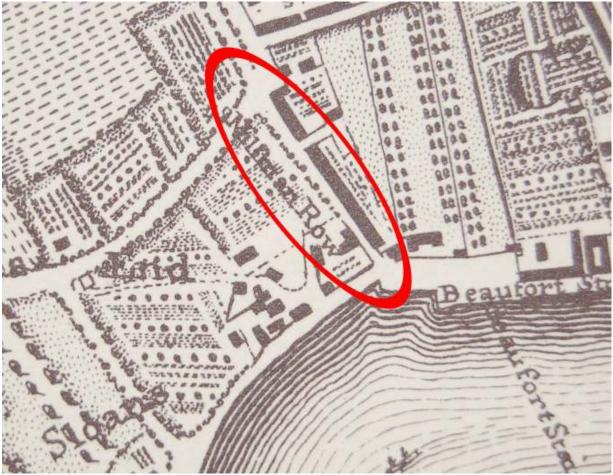


Figure 8: Rocque's Map, 1746 (with Milman Row highlighted)

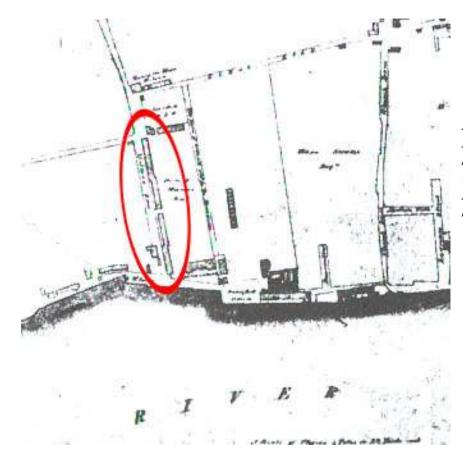


Figure 9: Richardson's Survey of Chelsea, 1769 (with Milman Row highlighted)

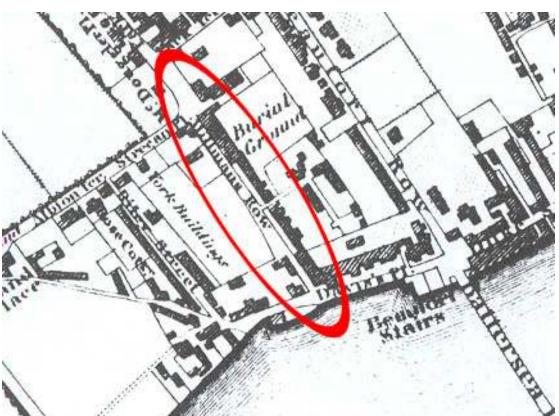


Figure 10: Greenwood's Map, 1827 (with Milman Row highlighted)

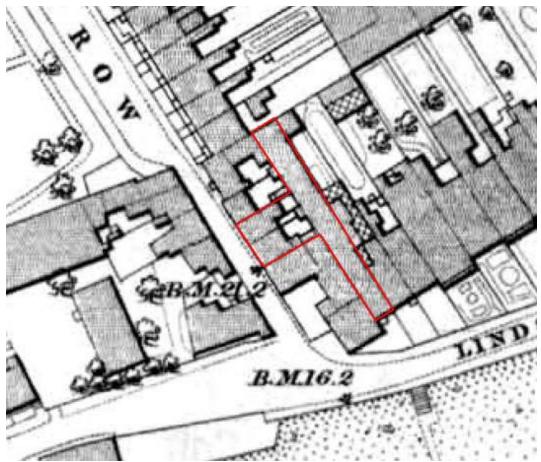


Figure 11: First Edition 25inch OS Map, 1865-79 (with site marked)

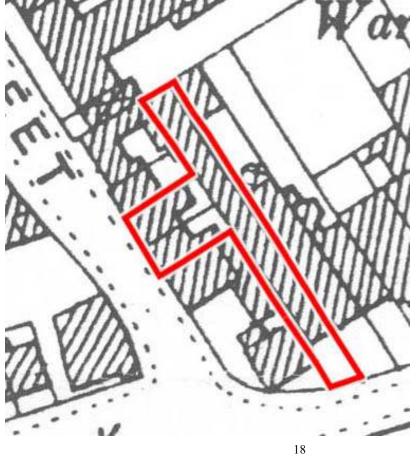


Figure 12: OS Map, 1894-96 (with site marked)

- **6.2.2.2** Some of the features uncovered in trench 1 clearly relate to these cottages.
- **6.2.2.3** Deposit [16] was found overlying all of trench 1. Pottery from this deposit was generally dated to the 19th Century, and included sherds of Yellow-glazed Border ware (1500-1700), Post-medieval redware (1580-1900), Chinese porcelain (1580-1900), and lots of 'Ironstone' china (1800-1900). This suggests that this may have been a 'demolition' layer. The cottages were demolished at some point between 1894 and 1912 (1912 OS Map depicts an open plot in this location). The discovery of 19th Century pottery from this demolition layer therefore seems relatively accurate.
- **6.2.2.4** The brick wall [20] that runs east-west down the middle of the trench at the eastern end of the trench was presumably the base of the garden/yard wall that divided the rear of the two cottages. The bricks in this wall were fabric 3032, post-medieval frogged brick, and were dated to *c*.1700-1800. This would fit the supposed construction date of the cottages (mid-18th Century). The approximate location of this wall, when compared with cartographic evidence, places it in the backyard of the property. It may have been the 'garden' or 'yard' wall that separated the backyards of the two properties.



Figure 13: Photograph of spine wall [20] (drain pits [14] and [18] in the foreground)

6.2.2.5 Part of the tiled floor surface of these cottages [22] was also revealed, in the western part of the trench. This consisted of unglazed beveled red floor tiles (fabric type 2850), set flat within grey mortar, and dated to c.1600-1800. These lay within the area of the 'cottages' themselves – particularly the

southern cottage. Only a small area of tiles were found as they had been truncated elsewhere, such as by the concrete-lined drain to the north and the iron tank to the west. Furthermore, deposit [23], found directly underlying and to the sides of the tiles, may have been related to this tiled floor. This may have been the base make-up under the cottage floor surface. Overlying the surface of the tiles, to the north, was an oblique mortar scar, possibly a later feature (although there is no other evidence for this).



Figure 14: Photo of tiled floor [22]



Figure 15: Photo of tiled-floor [22]

6.2.2.6 The huge red brick domed well [25] uncovered in the eastern part of the trench may also have been related to the 18th Century development of the area. The bricks were identified as fabric-type 3032, frogged, and dating to *c*.1700-1800. The location of this well mainly fell within the back-yard of the southern cottage. It is therefore assumed that this well was located in the yard of this cottage.



Figure 16: Photo of brick domed well [25]



Figure 17: Photo of inside of well [25]



Figure 18: Photo of inside of well [25]

6.2.2.7 Context [17] – the pit filled with pottery - was also a feature probably associated with the 18th – 20th Century cottages. A considerable quantity of pottery was recovered from it – all dating from the 19th Century. This included relatively whole items, figurines, and children's items, and other 'novelty' items such as the Franklin's Maxims plate seen in figure 19. It seems likely that this pit was probably some form of rubbish dump possibly infilling an outside toilet/cess-pit. This was located in the rear part of the yards of the cottages, just adjacent to the rear of 103 Cheyne Walk. The deposit was cut by the wall foundation [15], so the conjunction of map and pottery dating gives a date for the dump of 1846-65.



Figure 19: Photo of pottery from [17] – Franklin's maxims plate

6.2.2.8 A relatively modern-looking yellow stock brick wall on a concrete footing was found at the eastern end of the trench ([15]). This evidently formed the 'box'-feature depicted on the 1865 OS Map projecting out of the rear boundary wall with No.103 Cheyne Walk. This wall ran north-south across the trench at the eastern end of the trench, and then into the eastern section at either end (forming a 'box'). However, the feature appears to have disappeared by the OS survey of 1894-96. It is possible that this formed some sort of outhouse – possibly providing toilet or washroom facilities.



Figure 20: Photo of yellow stock brick box feature [15] from above

6.2.2.9 The brick wall [21], which ran for c.0.8m north-south out of the northern section at the eastern end of the trench, was presumably associated with the $18^{th} - 20^{th}$ Century cottages. This was found at a similar level to the spine wall [20] and the floor surface [22]. It was located too far east to be a back wall of one of the cottages, and too far west to be associated with the rear of 103 Cheyne Walk. Instead, it could well be on a line with the projecting eastern rear wall of the adjacent cottage, perhaps enclosing a small area between this and the boundary wall [20]. This does not appear on any maps.



Figure 21: Photo of wall [21]

- **6.2.2.10** The two brick-lined drains [18] and [19] presumably drained the cottages themselves in some way. The extant western ends of both of them lie just outside the rear wall of the cottages, so probably drained the scullery, or some similar room, out into the yard.
- **6.2.2.11**The brickwork [26] was presumably part of the cottage phase of development. The bricks were of fabric-type 3033 and 3034 and dated to *c*.1450-1700 and 1730-1800. The brickwork contained a cut-out, presumably for a timber post, and the adjoining earlier wall [31] appeared to have been cut back and refaced (without render) immediately to north. It is possible that these features may be part of an outbuilding in the yards of the cottages presumably an earlier outbuilding than that represented by wall [15].



Figure 22: Photo of brickwork [26], to the left of the scale

6.2.3 Early 17th Century basement

Context	Description	Interpretation
Number 27	Fill of oven [28]. Loose mid-brown	Could be a later infill, long after the
	silty-sand with charcoal fragments.	feature went out of use, but perhaps when it was damaged by drain [19] (as most of the finds are 19 th Century in date).
28	Oven: stone floor, with stone blocks above the floor (<i>c</i> .0.19m high), 2 courses of bricks above the stone blocks (<i>c</i> .0.13m high), sloping tiles over bricks, which would originally have formed a domed superstructure (<i>c</i> .0.2-0.25m high). Maximum height = 0.6m. Total length = 1.16m (N-S), 1.3m (E-W). Diameter at base = 0.93m (E-W), 0.99m (N-S, going into the southern section). Cut out of 0.53m at southern end in-between stones. Cut by the pipe in NW and SE corner.	Probably the upper part of the oven (where the food went, above the furnace). The level/height of it, and dating of brick and examination of mortar, suggests that it may have been located in the 17 th Century basement.
29	Deposit in eastern end of trench. Quite compact, mid-brown, silty- sand, with some inclusions (CBM, charcoal, pebbles).	Upper infill within former cellar.

30	Mid-brown silty-sand with frequent	Infill of cellar.
	inclusions of mortar and CBM.	
	Abuts wall [31].	
31	Red brick wall, set within grey	Eastern wall of a probable 17 th
	mortar, and regularly coursed	Century basement with an internal
	(English bond). 2.6m (N-S) X 0.4m	plastered face, and [32] forming the
	(E-W) X beyond the LOE. One	
	patch of rubble-type material.	was probably a large impressive 17 th
	Plastered on western face – plaster is	Century building on this site.
	white/grey and $c.0.03$ m thick.	
32	Red brick wall, set within grey	Western wall of the 17 th Century
	mortar, and regularly coursed	basement, of which [31] was the
	(English bond). 0.9m X 0.4m X	eastern end.
	beyond the LOE. Western part set	
	on a rubble wall base (visible at the	
	northern end of the wall).	

Figure 23: Plan of 17th Century features in trench 1

- **6.2.3.1** It is clear that there was some development and activity in this general area in the Tudor period. Most obviously, Sir Thomas More's Chelsea Estate was centered around this area (from *c*.1524). It is not know precisely where the main house was located, or where the new building containing the chapel, library and gallery was located. It has been suggested that the new building later became Beaufort House, and was therefore located to the north-east of the site, but that the main house was located closer to the river (and therefore closer to the site).
- **6.2.3.2** More's estate was soon passed on to William Roper (his son-in-law), but on More's attainder the majority of the Chelsea estate was taken into the king's hands. In 1547 King Edward VI granted More's main house to Sir William Paulet, however the part known as 'Butts Close' remained in Roper's possession (and then became part of the Earl of Lincoln's Estate).
- **6.2.3.3** The estate was then passed to William Cecil (Lord Burghley) and his son Sir Robert Cecil who enlarged the main house in 1597.
- **6.2.3.4** Sir Robert Cecil then sold the estate to Henry Clinton and Sir Arthur Gorges (with a settlement on Lincoln for life). In 1616 the estate passed to Gorges, and he built Gorges House just south of the stables of the main house (*c*. 1617-1619). Over the next 50 years the estate was sold off in parcels to various people.
- **6.2.3.5** James Hamilton's 1717 Survey of Chelsea (fig. 24) clearly shows the existence of Beaufort House to the north-east of the site, Lindsey House to the south/south-east, and another large house (possibly Gorges House) around the site-area itself. This shows the survival of large buildings in the site-area until the mid-18th Century, after which the cottages were constructed (see discussion above and Richardson's Survey of Chelsea 1769).

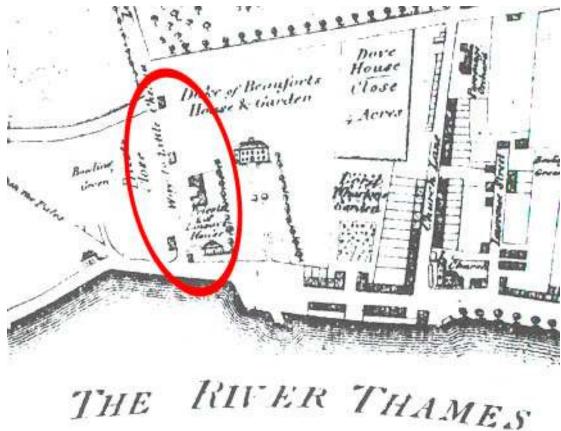


Figure 24: James Hamilton's Survey of Chelsea, 1664-1717 (with Milman Row highlighted)

- **6.2.3.6** It is possible that some of the walls uncovered in trench 1 may have been related to some of these large buildings that once stood in this area.
- **6.2.3.7** Wall [31], located at the far eastern end of the trench, formed a substantial red brick wall. Furthermore, the wall had a plastered face – suggesting that this must have been an exposed internal face. The brick samples taken from wall [31] were of fabric-type 3033, and were dated to c.1450-1700.
- **6.2.3.8** It is very probable that wall [32], at the western end of the trench, was the corresponding wall of wall [31]. This was not quite as substantial as that at the eastern end of the trench, possibly partly because the cottage had been built over it, and possibly partly because of the disturbance caused by the concrete-lined drain. The bricks from this wall were more closely dated, as fabric types 3033 and 3046, and dating to c.1630-1700, although the similar type of mortar to wall [31] suggests that the bricks might be earlier in date (possibly earlier 17th Century).
- **6.2.3.9** It is thought that these two walls may have been corresponding, and that they formed the eastern and western walls of a basement. The plastered face of [31] suggests that this was the internal side. Furthermore, the substantial nature of wall [30]/[31], stretching from a depth of c.5.55m-5.63mOD to c.4mOD (c.1.5m in depth, and continuing further down), suggests that this wall may have been a basement wall.

6.2.3.10 There is some evidence both to the east and west for an original east-west wall that divided the cellar into two rooms. To the east there appears to be a wall-stub attached to [31], behind and immediately to the south of later base [26]. To the west, a short section of wall continues eastward beyond the immediate area of the oven [28].



Figure 25: Photo of plastered face of wall [31]



Figure 26: Photo of walls [31] and [26], and later wall [15] to the rear



Figure 27: Photo of walls [31], [26] and [15]



Figure 28: Photo of wall [32] (to the right of the frame) – with unexcavated oven [28] overlain by modern drains in the central area



Figure 29: Photo of trench from the west, clearly showing walls [32], and [31] – thereby showing the extent of the basement

- **6.2.3.11**Within this 'basement' area, an oven was uncovered ([27] and [28]), butted against the eastern face of [32]. This was very well-preserved, and consisted of a stone floor, with stone blocks, bricks, and sloping tiles making up the sides of the oven. A small cut-out was also observed in the southern part of the oven, which would have given access to the oven from the adjacent room.
- 6.2.3.12The bricks of this oven were of fabric-type 3033, and dated to c.1630-1700 (therefore fitting with the dating of the bricks of the rest of the basement). The mortar used for this oven is also the same as that for the basement walls. Furthermore, the stone base of the uncovered section of the oven was uncovered at c.4m OD (at a level significantly below the later cottage floors). Although the pottery uncovered from the oven fill [27] was generally dated to the 19th Century, it is possible that this was because the area had been disturbed by the later brick-drain running into it ([19]).

6.2.3.13The uncovered part of the oven would probably have been the upper part, in which the bread (or other food) was inserted. This would have stood either directly above the fire or adjacent to a larger fireplace (beyond the present southern limit of excavation). Artistic depictions (fig. 33) clearly show this set-up. Depictions of similar features are also shown on contemporary building plans, for example the Treswell plans, which depict several ovens adjacent to fireplaces (fig. 34). Furthermore, this theory would fit with the idea that the oven stood in a basement, as only the top part was uncovered during this evaluation.



Figure 30: Photo of oven [28] with the opening to the rear (south)



Figure 31: Photo of oven [28]



Figure 32: Photo of oven [28]



Post-Medieval oven 1568

Figure 33: Artistic depiction of oven, 1568

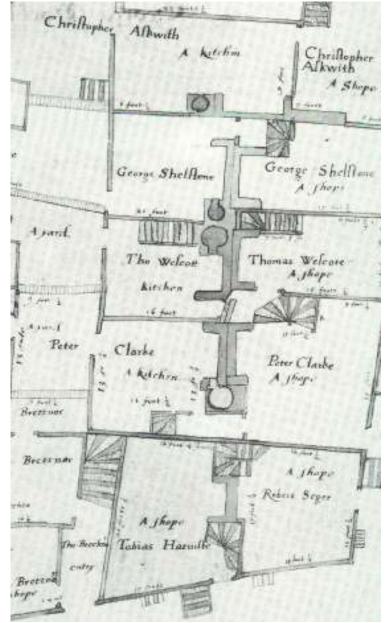


Figure 34: Ralph Treswell's Survey of 90-94 West Smithfield, 28-30 Cow Lane (1612) – clearly depicting ovens off kitchens

- **6.2.3.14**There must, therefore, have been some type of large and substantial basement and building in this location. This clearly pre-dated the cottages, which appear from map evidence to have been constructed in the early mid-18th Century. The dating of the bricks suggests that the walls, and this feature, may date from the earlier 17th Century. It is, furthermore, possible that the bricks which look as if they date from the later 17th Century may have been misfired versions of 3033 (i.e. earlier) bricks.
- **6.2.3.15**It is therefore assumed that these features represent a large basement, consisting of at least two rooms, with an oven in it, dating from the early 17th Century (or possibly earlier). This hints at the existence of some form of large building on the site. It is, furthermore, possible that this was part of the large house built by Sir Arthur Gorges who built Gorges House in *c*.1617-19. Alternatively, it may have been part of the extension to More's 'main house'

- undertaken by Sir Robert Cecil in 1597. Alternatively again, it could have been part of some other large building in this area.
- **6.2.3.16**Nonetheless, it is clear that a large basement stood on this site. This was clearly infilled before the construction of the cottages (mid-18th Century). It is therefore possible that the remains of a completely infilled cellar (possibly with an in situ floor) may underlay the 'cottage' features, and may extend some distance to the north and south of the evaluation trench.

6.2.4 Natural Deposits:

Context	Description	Interpretation
Number		
33	Compact light yellow-brown sandy	Natural deposit.
	deposit with no obvious inclusions.	

6.2.4.1 Natural deposits were seen in a couple of places in this trench. For example, the 'natural' was observed just behind [32] at the western end of the trench, and around [26] at the eastern end. Both walls exhibited a 'stepped' construction against the adjacent deposits into which they were cut.

6.3 Trench 2:

Context Number	Description	Interpretation
1	Loose black garden-soil, with organic material and roots in the northern half of the trench (but not in the southern half). Thickness of $c.0.05$ m- 0.1 m	Topsoil. The difference between the deposit in the northern and southern half of the trench is because the northern half lay in a 'garden' area whereas the southern half was within a building (just before the pre-development demolition of the buildings).
2	Loose dirty brown-black gravelly deposit. Across whole trench, for a thickness of c .0.1-0.2m. Directly underlay [1].	Quite a modern deposit, possibly a previous soil horizon/garden soil deposit.
3	Construction cut and associated backfill for the modern (yellow stock brick, 9 courses, on a concrete/rubble base) wall that ran east-west across the centre of the trench.	Cut for modern wall of recently demolished building. Wall probably formed the dividing line between the 'garden' area in the northern part of the trench, and the 'building' area in the southern part.
4	Cut feature/pit in northern part of trench. Continued to at least 1.5m beneath ground-surface (LOE). Seen in plan for 0.9m N-S and 1.1m E-W (running into sections). Fill consists of two distinct deposits – upper (c.0.4m) is a compact orange-brown sandy-gravel; lower (c.0.9m and continuing) is a more uniform brown sandier silty-sand.	Some form of large and deep pit feature. Possibly filled in or in use at two different times, because of two distinct deposits. One sherd of S. Herts./Limpsfield grey ware, 1140-1300.
5	Loose mottled orange sandy-silt, with occasional pebbles. Seen in Eastern section in a small area c.0.4m N-S, and for a depth of c.0.1m	Although this deposit was only found in a small area, it is possible that it originally spread across the whole section, but that it has been truncated by the cut for wall [3] to the south and the disturbed area [8] to the north. It may have been a previous soil horizon or 'made ground' deposit.
6	Loose darker-brown sandy silt, with occasional mortar patches, charcoal flecks, and CBM fragments. Directly under [5], and for a depth of <i>c</i> .0.15m.	Possibly a previous soil horizon or 'made ground' deposit which may have originally spread across the whole section (see above).

7	Compact light brown sandy-silt with frequent gravel inclusions. Under [6], and for a depth of <i>c</i> .0.13m.	Possibly a previous soil horizon or 'made ground' deposit which may have originally spread across the whole section (see above).
8	Loose mixed deposit (gravelly patches, silty-sand patches) with many different inclusions (mortar, CBM, charcoal etc). In a small area directly to the south of pit-feature (seen in the eastern section), for a depth of <i>c</i> .0.38m.	Small area of disturbed deposits, which may account for why deposits [5] – [7] did not spread across the whole eastern section. Quite close to the ground-surface, so it may have been disturbed by root-action of a large tree or something similar.
9	Relatively compact mid-brown silty-sand, with occasional CBM flecks and pebbles. Under [7] and [8]; c.0.02m-0.24m thick.	Possibly a previous soil horizon.
10	Compact light-brown-yellow sandy-gravel, with no obvious inclusions. Under [9]; <i>c</i> .0.1m thick.	Possibly an earlier land surface.
11	Relatively compact light brown sandy-silt with occasional pebbles and occasional CBM flecks. Under [10] and directly above natural [12]; c.0.3m thick.	Possibly a previous soil horizon.
12	Compact light yellow-brown sandy deposit, with no obvious inclusions. Uncovered <i>c</i> . 1m beneath the modern ground-surface, however only seen in a small area in the eastern section for <i>c</i> .0.7m N-S.	Natural deposit.

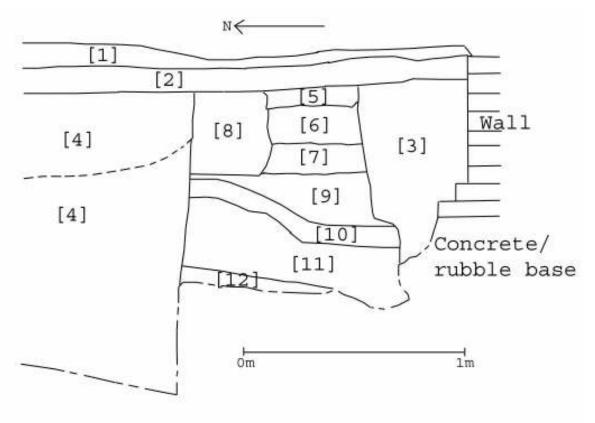


Figure 35: Eastern section of trench 2

- 6.3.1 Machine excavation of trench 2 reduced the area to a height of approximately 4.6-4.7mOD (c.1m below the modern ground-surface). Hand-investigation and recording was then carried out at this depth.
- **6.3.2** At this depth, a series of deposits were visible in section. These included a series of previous soil horizons or 'made ground' deposits, along with the construction cut for the modern wall, and an area of disturbed and mixed deposits.
- 6.3.3 The only feature of any possible archaeological significance was context [4]. This was some form of pit, which stretched down to at least 1.5m beneath the ground-surface (c.3.8mOD). This was cut through all of the upper deposits (except [1] and [2]), which suggests that it may have been relatively modern in date. The fill of this feature consisted of two distinct deposits, suggesting that it may have been in use at two distinctly different times, or filled in at two different points. It was cut down through the 'natural' deposits [12]. The handle of a S. Herts/Limpsfield Grey Ware jug was recovered from this context. This could be medieval (1140-1300), although the sherd was abraded so could easily be residual. This fits with the level that the pit was cut from.
- **6.3.4** The 'natural' deposits [12] were identified and recorded in section at a depth of c.0.9m beneath ground-surface (c.4.74mOD). This was a yellow-brown sandy deposit. There has not, therefore, been a huge build-up of land or deposits over this. It was not necessary to excavate further, as the 'natural' deposits had been reached



Figure 36: Photo of northern half of trench 2, clearly showing pit [4] to the left of the scale



Figure 37: Photo of trench 2 from the south

7. Assessment of the results of the evaluation

The archaeological evaluation has provided an opportunity to address the site-specific questions that were defined within the preliminary Written Scheme. The responses to these are outlined below:

• Is there any evidence for prehistoric or Roman activity, including in situ features? How does this relate to other finds made in the area?

No evidence for prehistoric or Roman activity was observed during this evaluation. This may, however, be because the deep '17th Century basement/cellar' may have cut through any previous archaeology relating to these periods.

• Is there any evidence for Saxon or early medieval activity, and what is the nature of this? In particular, can finds or features be related to occupation in the immediate area?

No evidence for Saxon or early medieval activity was observed during this evaluation. This may also have been because of the existence of the deep basement/cellar.

• What evidence is there for medieval and earlier post-medieval activity? Is there any evidence for the farmhouse thought to have been located in this area and subsequently incorporated into Thomas More's estate?

Significant evidence for early post-medieval activity was uncovered in this evaluation. This took the form of two large brick walls (one of which was very substantial and had a plastered face), which formed the probable eastern and western walls of a cellar or basement.

The remains of an oven, which probably stood within the cellar, was also uncovered. This was very well preserved, and it is possible that the rest of the oven is also well preserved under this. This appears to be contemporary with the two walls.

The dating of the bricks was to the earlier 17th Century, although perhaps slightly earlier. It is, nonetheless, unclear as to what building this basement was part of. It clearly was a relatively substantial building. It is possible that this may have been part of the rebuild of More's main house in 1597, or Gorges House, or some other large building related to Sir Thomas More's estate or the later development of it.

The east-west extent of the cellar appears to be about 6m (including the flanking walls) but the north-south measurement is unknown – it is possible that the structure extends across the site, as there is evidence that the evaluation trench lies on the line of an internal dividing wall.

• What is the nature of the deep made ground deposits recorded in the soil investigation: is it likely that these represent backfill following localized gravel quarrying, and what dating evidence is there?

The deep made-ground deposits recorded in the soil investigation apparently relates to the existence of the deep cellar or basement uncovered in trench 1, instead of backfill following localized gravel quarrying. It is, however, unlikely that this extended to the 3.5m depth recorded by the soil investigations.

• What evidence is there for the adjoining cottages that are recorded on the Milman's Street frontage, and can these be dated to the documented development of the mid 17th century? Is there evidence for the historic property boundary to the rear, or for occupation/activity in what was then a separate landholding on the eastern side of the present site?

Evidence for the $18^{th} - 20^{th}$ Century cottages that stood in this area was uncovered in trench 1. This included the remains of the tiled floor surface. The demolition layer [16] also included lots of 19^{th} Century pottery. However there was no specifically 17^{th} Century evidence, and map evidence suggests that the cottages may be later in date.

Evidence was also uncovered for features in the back yards/gardens of the cottages. This included the probable brick spine wall [20] which ran down the division between the yards of the two properties. The brick-domed well [25] was also probably found in the back-yard of one of the properties. The pit full of pottery [17] may also have been a rubbish-dump or cess-pit located in the back-yard of the northern cottage. The box-shaped wall [15] was also probably part of a rebuild of an outside building (such as a toilet or washroom) to the rear of the cottages, as depicted on the 1865 OS Map. The brick wall [21] may have been an extension of the eastern-most part of the northern cottage, across to the east-west boundary wall, and may also have formed part of an outhouse (earlier in date than [15]).

8. Conclusions

- **8.1** The evaluation revealed significant archaeological remains or deposits. These were from numerous different periods and related to different activities or features.
- 8.2 The most substantial remains consisted of probable early 17th Century brick walls, which enclosed a basement or cellar, and an associated bread oven. This must have been part of a significant and substantial building, which would have stood on the site. Furthermore, it is possible that further remains associated with this basement may exist including substantial basement fills and a possible basement floor, as well as a division into two separate rooms.

- 8.3 Other significant remains relating to the 18th 20th Century development of this area was also uncovered. This included remains of the cottages, both the cottages themselves and their back-yards (including a well, a possible rubbish dump, outhouses, and the probable spine wall that ran between the two properties).
- 8.4 In view of these results it is suggested that further archaeological measures should be undertaken in relation to the proposed redevelopment and associated planning condition. This will probably take the form of an investigation undertaken immediately prior to or during the bulk excavation (at the start of the development). This will be discussed with English Heritage and the client.

9. References

Compass Archaeology, Written Scheme of Investigation for an Archaeological Field Evaluation at 103 Cheyne Walk, June 2010
LAARC Catalogue of archaeological sites
Survey of London 1913, vol. IV (Part II)
VCH Middlesex 2004, vol. XII, Chelsea
British History Online, Thomas More's Chelsea Estate
The London Surveys of Ralph Treswell
Various OS Maps
Rocque's Map, 1746
Richardson's Survey of Chelsea, 1769
Greenwood's Map, 1827
James Hamilton's Survey of Chelsea, 1664-1717

Appendix I: OASIS Form

OASIS ID: compassa1-98149

Project details

Project name 103 Cheyne Walk

Short description of the project

An archaeological evaluation of the rear part of 103 Cheyne Walk, fronting onto Milman's Street to the west, took place in February 2011. The work was carried out as a condition of planning consent prior to the construction of a new basement development in this area (Royal Borough of Kensington and Chelsea Planning Ref: PP/07/00912). Substantial and significant archaeological remains were observed in trench 1, however little of archaeological interest (except for one pit-feature) was observed in trench 2. The most substantial remains consisted of probable early 17th Century brick walls, which probably formed a basement or cellar, and a brick oven. This must have been part of a significant and substantial building, which would have stood on the site. It is possible that further remains associated with this basement may exist - including substantial basement fills and a possible basement floor. Other significant remains relating to the 18th - 20th Century development of this area were uncovered. This included remains of later cottages, both the cottages themselves and their back-yards (including a well, a possible rubbish dump, and the probable spine wall that ran between the two properties). In view of these results it is suggested that further archaeological measures be undertaken in relation to the proposed redevelopment and planning condition. This will probably take the form of an investigation undertaken when the bulk excavation takes place (at the start of the development).

Project dates Start: 21-02-2011 End: 28-02-2011

Previous/future

Significant Finds

work

No / Yes

Type of project Field evaluation

Site status Area of Archaeological Importance (AAI)

Site status Conservation Area

Current Land use Residential 1 - General Residential

Monument type WALL Post Medieval

Monument type OVEN Post Medieval

Monument type TILED FLOOR Post Medieval

Monument type PIT Post Medieval

Monument type DRAIN Post Medieval

Monument type DRAIN Modern

Monument type TANK Modern

Significant Finds POT Post Medieval

Significant Finds BRICK Post Medieval
Significant Finds GLASS Post Medieval
Significant Finds COIN Post Medieval

Methods & 'Targeted Trenches'.'Visual Inspection'.'Annotated

CLAY PIPE Post Medieval

techniques Sketch', 'Documentary Search', 'Photographic Survey', 'Sample

Trenches'

Small-scale extensions (e.g. garages, porches, etc.) Development type

Development type Basement

Prompt Planning condition

Position in the

planning process

After full determination (eg. As a condition)

Project location

England Country

Site location GREATER LONDON KENSINGTON AND CHELSEA CHELSEA

103 Cheyne Walk

Postcode SW10 0DQ

Study area 15.00 Square metres

Site coordinates TQ 2681 7749 51.4816319392 -0.173590485387 51 28 53 N 000

10 24 W Point

Project creators

Name of

Organisation

Project brief

originator

Compass Archaeology

Project design

originator

Compass Archaeology

Compass Archaeology

Project

director/manager

Geoff Potter

Project supervisor Geoff Potter Type of

sponsor/funding

body

Landowner

Project archives

Physical Archive

recipient

Museum of London Archive

Physical Contents

'Ceramics','Glass','Metal'

Digital Archive

recipient

Museum of London archive

Digital Contents 'Ceramics', 'Glass', 'Metal', 'Stratigraphic', 'Survey'

Digital Media available

'Images raster / digital photography', 'Survey', 'Text'

Paper Archive recipient

Museum of London Archive

Paper Contents

'Ceramics', 'Glass', 'Metal', 'Stratigraphic', 'Survey'

Paper Media

'Context sheet','Correspondence','Drawing','Map','Notebook -

available Excavation',' Research',' General

Notes', 'Photograph', 'Plan', 'Report', 'Section', 'Survey', 'Unpublished

Text'

Project bibliography 1

Grey literature (unpublished document/manuscript)

Publication type

Title 103 Cheyne Walk, Evaluation Report

Author(s)/Editor(s) Jeffery, E Date 2011

Issuer or publisher Compass Archaeology

Place of issue or publication

5-7 Southwark Street, London

Description Report of evaluation - including discussion of background (geology,

historical and archaeological background etc); evaluation methodology; trenches investigated (including photos, plans,

sections etc); finds analysis; and conclusions.

Entered by Emma Jeffery (emma.elizabeth.jeffery@gmail.com)

Entered on 5 April 2011

Appendix II: London Archaeologist Summary

Site Address: 103 Cheyne Walk, Kensington and Chelsea, SW10

Project type: Evaluation

Dates of Fieldwork: 21.02.2011 – 28.02.2011

Site Code: CHE11

Supervisor: Geoff Potter

NGR: TQ 2681 7749

Funding Body: Householder

Summary

Two trial trenches were excavated within the redevelopment footprint, covering a total area of c.24 square metres. One of these trenches (trench 1) contained significant archaeological remains.

Two substantial probable early 17th Century brick walls were observed. These formed the walls of a substantial basement or cellar. An associated oven was also observed within this basement area. This indicates the presence of a substantial building in this area in the 17th Century.

Remains relating to the $18^{th}-20^{th}$ Century development of the area were also observed. This included remains relating to the 18^{th} Century cottages, including a tiled floor, yard-wall, brick well, outhouses, and probable rubbish pit.

Some modern features/intrusions were also observed in the trench – which truncated some of the archaeology. This particularly included an iron fuel tank at the western end of trench 1.

Little of archaeological interest was observed in trench 2 – except for a pit of probable later post-medieval date.

Natural deposits comprised a yellow-brown sandy deposit.

Appendix III: Pottery from Cheyne Walk, City of London (Site CHE11)

Paul Blinkhorn

The pottery assemblage comprised 63 sherds with a total weight of 2,452g. It was recorded utilizing the fabric codes of the Museum of London post-Roman type-series (Vince 1985), as follows:

BORDY: Yellow-glazed Border ware, 1550-1700. 1 sherd, 72g. CHINA: 'Ironstone' china, 1800-1900. 52 sherds, 2,004g CHPO: Chinese porcelain, 1580 -1900. 4 sherds, 50g.

PMR: Post-medieval redware, 1580 – 1900. 2 sherds, 149g. SHER: S. Herts./Limpsfield grey wares, 1140-1300. 1 sherd, 116g.

TGW: English tin-glazed ware, 1600-1800. 3 sherds, 61g.

The pottery occurrence by number and weight of sherds per context by fabric type is shown in Table 1. Each date should be regarded as a *terminus post quem*. The range of fabric types is typical of sites of the period in London.

Nearly all the contexts are of 19th century date, although earlier, largely residual pottery is also present. The only pottery from context 4 is the handle from a South Herts/Limpsfield Grey Ware jug, and so this may be medieval, although the sherd is a little abraded, and could easily be residual. The rest of the residual pottery is largely of 17th century date.

The 19th century material is a fairly typical domestic assemblage, although some of the pottery offers a close insight into the nature of the site at that time. The material from context [16] includes two sherds which can be associated with children. One is a fragment of a miniature saucer from a doll's house tea-service or similar, and the other a small mug with a transfer-printed letter 'P' and pictures of objects which begin with that letter of the alphabet, such as pots, a parrot and poplar trees. The material from context [17] includes fragments of two transfer-printed vessels, one the base of a large bowl, the other a plate, each with a central roundel with a monogram surrounded by the words 'Cremorne Tavern'. The plate has the mark of Sneyd and Hill of Hanley, Staffs, and the pattern mark 'Windsor Scrolls'. The maker's mark indicates a date of c 1845 – 7.

Another plate has a print of a building, possibly a church, under construction, with the title 'Dr Franklin's Maxims' and sayings such as "early to bed and early to rise makes a man healthy, wealthy and wise'. Franklin's Maxims were the work of Benjamin Franklin, who died in 1790, and his 'Maxims' became hugely popular, with numerous pottery manufactories of the 19th century producing mugs and plates with the sayings, primarily for children.

Finally a transfer-printed saucer has a beehive 'Florentine China' mark, which used by Samuel Alcock of the Hill Pottery, Burslem, between 1830 and 1859.

Bibliography

Vince, AG, 1985 The Saxon and Medieval Pottery of London: A review, *Medieval Archaeology* 29, 25-93

	SH	ER	BOF	RDY	PN	ИR	TC	ïW	СН	PO	CH	IINA	
Cntxt	No	Wt	No	Wt	No	Wt	No	Wt	No	Wt	No	Wt	Date
4	1	116											M12thC
16			1	72	2	149			3	40	20	678	19thC
17											30	1299	19thC
27							2	8			1	5	19thC
30							1	53	1	10	1	22	19thC
Total	1	116	1	72	2	149	3	61	4	50	52	2004	

Table 1: Pottery occurrence by number and weight (in g) of sherds per context by fabric type

Appendix IV: Brick Report, compiled in consultation by John Brown

П	Context Fabric Period	Fabric	Period	Form	Weight (in	Weight (in Dimensions (in mm)	Date	Other comments
					grams)			
1	28	3033	Post-	Unfrogged brick with sunken	3000	224 (length) X 106	1450-1700	Mortar type 1
			Medieval	margins		(width) X 60 (depth)		(light brown
								lime/sand mortar)
2	28	3033	Post-	Unfrogged brick with sunken	3170	250 (length) X 98	1630-1700	Mortar type 1
		(nr 3032)	Medieval	margins		(width) X 68 (depth)		
3	31	3033	Post-	Unfrogged brick with sunken	2870	225 (length) X 104	1450-1700	Mortar type 1
			Medieval	margins		(width) X 60 (depth)		
4	31	3033	Post-	Unfrogged brick with sunken	2590	230 (length) X 105	1450-1700	Mortar type 1
			Medieval	margins		(width) X 63 (depth)		
5	25	3108	Post-	Sandstone fragment	64		Post-Medieval	Laminated
			Medieval					sandstone
								fragment similar
								to Yorkshire
9	25	3032	Post-	Frogged brick	2365	215 (length) X 162	1700-1800	
			Medieval			(width) X 65 (depth)		
7	25	3032	Post-	Frogged brick	2470	228 (length) X 94	1700-1800	Mortar type 2
			Medieval			(width) X 65 (depth)		(grey lime/sand
								mortar with lime
								and quartz
								inclusions)

,	19	3032	Post-	Frogged brick	1650	105 (width) X 65	1700-1780	Mortar type 3
			Medieval			(depth)		(grey lime/sand
								mortar with coal inclusions)
19		3032	Post-	Unfrogged brick with sunken	1308	106 (width) X 60	1630-1700	
		(nr 3033)	Medieval	margins		(depth)		
20		3032	Post- Medieval	Frogged brick	2670	220 (length) X 105 (width) X 62 (denth)	1700-1800	Mortar type 2
20		3032	Post- Medieval	Frogged brick	2470	218 (length) X 104 (width) X 62 (depth)	1700-1800	Mortar type 2
26		3034	Post-	Unfrogged brick	2315	222 (length) X 100	1730-1800	Mortar type 4
			Medieval			(width) X 65 (depth)		(grey/white
								lime/sand mortar
								with quartz, lime
								and charcoal
26		3033	Post-	Unfrogged brick	2295	222 (length) X 100	1450-1700	Mortar type 4;
			Medieval	}		(width) X 58 (depth)		small corner cut-
								out of corner to
								act as rebate for
								post or door joint
22		2850	Post-	Floor tile	4500	250 (length) X 250	1600-1800	Unglazed,
			Medieval			(length) X 28 (depth)		bevelled
32		3033	Post-	Unfrogged brick with sunken	1952	110 (width) X 62	1630-1700	Mortar type 1
		(nr 3032)	Medieval	margins		(depth)		
32		3033	Post-	Unfrogged brick	1200	104 (width) X 60	1630-1700	Mortar type 1
			Medieval			(depth)		

17	32	3046	Post- Medieval	Unfrogged brick	1200	110 (width) X 60	1630-1700	Mortar type 1
18	28	3107	Post- Medieval	Reigate Stone	70		Post-Medieval	Fragment of Reigate
19	28	2276	Post- Medieval	Peg Tile	512	155 (width) X 13 (depth)	1500-1800	Mortar type 5: white lime/sand
								frequent quartz and moderate charcoal inclusions
20	28	2276	Post- Medieval	Peg Tile (four pieces)	1542	155 (width) X 13 (depth)	1500-1800	Mortar type 5
21	11	3033	Post- Medieval	Unfrogged brick (six pieces)	772		1480-1700	Brick debris fragments
22	11	3032	Post- Medieval	Brick (two pieces)	232		1630-1700	Brick debris fragments
23	11	2276	Post- Medieval	Peg Tile (six pieces)	1688	155 (width) X 13 (depth)	1500-1800	
24	11	2271	Post- Medieval	Pan Tile fragment	252		1620-1800	
25	11	3100	Post- Mdieval	Plaster	09	20 (depth)	Post-Medieval	Plain unpainted plaster

Conclusions:

Earliest structure are walls [31]/[32], incorporating oven [28]. Presence of two bricks in transitory fabric 3033 nr 3032 suggests early-mid 17th Century date, but could potentially be earlier. The tile roof of the oven is constructed in a different mortar and tiles in post-medieval fabric 2276

(post-1500). This could be either a later addition, or simply that different functions required different mixes. Mortar on tiles is discoloured by heat, but not sooted, suggesting hot coals were placed in oven, or possibly heat from separate fire below. Next phase of construction is suggested by mortar type 2 (well and tiled floor). Fabrics could date from the 1630s, but may be later, possibly early 18^{th} Century. Subsequently the features have gone out of use by the time of the drain [19], which is probably late 18^{th} – early 19^{th} Century construction date.

The early walls could be Tudor, but more likely earlier 17th Century based on fabrics. Potentially the 'later' fabrics could be misfired versions of 3033 that have taken on characteristics of 3032 transitionary bricks.

Appendix V: Clay Pipe Report

[16] - 2 stems

- [17] 1 undecorated bowl and stem; Type 12 (c.1730-80)
 - 7 bowls and stems with corn-decoration; Type 24 (c.1810-40)
 - 2 bowls and stems with lined-decoration running up the bowl and a six-point star on the foot; Type 15 (c.1840-80)
 - 1 bowl with corn-decoration, Masonic marks (including the set square, compasses and all-seeing eye) and maker's mark on the foot; Type 24 (c.1810-40) suggests that there may have been Masons living there (although it could have been used by non-Masons)?

[27] - 6 stems

All of the above identifications are based on A. Oswald, 'Clay Pipes for the Archaeologist', BAR14, 1975

Appendix VI: Other Finds

- [16] 2 small stone balls, possibly marbles
- [16] 1861 farthing
- [17] 2 tall medicine bottles (cylindrical mould made after 1820)
 - 1 smaller squatter square pill-box (19th Century)