

Archaeological Services & Consultancy Ltd

WATCHING BRIEF: POTTEN END BOOSTER WATER MAIN LITTLE GADDESDEN HERTFORDSHIRE

NGR: SP 99 12 (approx. centre)

on behalf of Balfour Beatty Utility Solutions



Carina Summerfield-Hill MSc

November 2011

ASC: 1450/APE/2



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Site Data

ASC project code:	APE		ASC Project No:	1450		
OASIS ref:	archaeol2-113047		Event/Accession no:	DACHT:2235		
County:		Hertford	shire			
Village/Town:		Little Ga	ddesden			
Civil Parish:		Little Ga	ddesden			
NGR (to 8 figs):		Main 1 – SP 9799 1276 – SP 9866 1140 Main 2 – SP 998 112 (centre) Main 3 – SP 9821 1360 – SP 9953 1295				
Length of Main:		Main 1 – 2.7km Main 2 – 1.1km Main 3 – 1.7km				
Present use:		Mostly agricultural & parkland				
Planning proposal:		Laying of water mains				
Planning application	ref/date:	n/a				
Local Planning Author	ority:	n/a				
Date of fieldwork:		23/08/11-24/11/11				
Client:		Balfour Beatty Utility Solutions Ltd Quantum House Maylands Avenue Hemel Hempstead Herts HP2 7DE				
Contact name:		Michael Georgas				

Internal Quality Check

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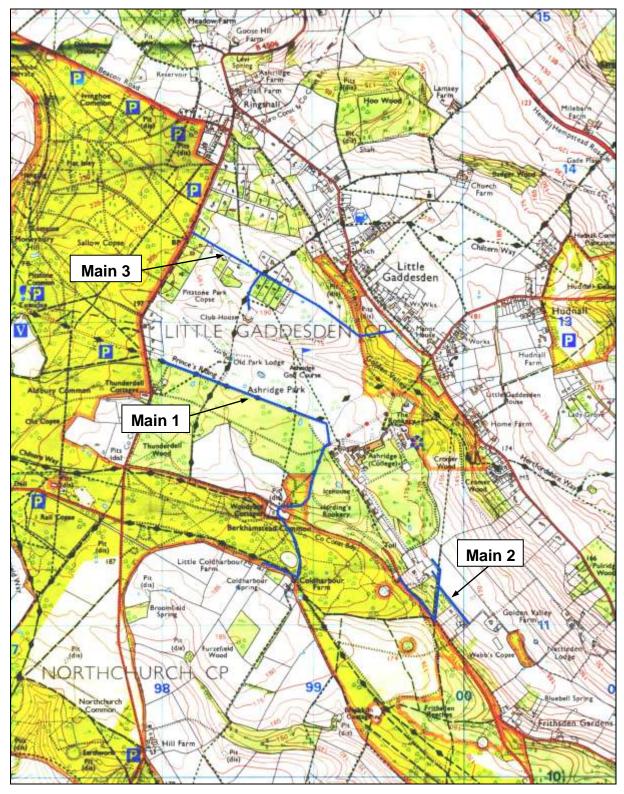


Figure 1: General location (scale 1:25,000)

Summary

In August - November 2011 a watching brief was carried out at the Ashridge Estate, Little Gaddesden, Hertfordshire during the laying of three water mains. Sixty-nine trenches were observed. Two contained possible post-holes, likely to be of post-medieval date, that may either be part of a fence line associated with the trackway immediately east of the trenches, or have formed part of an enclosure. The remaining trenches contained no archaeological finds, features or deposits.

1. Introduction

1.1 In August - November 2011 Archaeological Services and Consultancy Ltd (ASC) carried out a watching brief at Little Gaddesden, Hertfordshire. The project was commissioned by Balfour Beatty Utility Solutions Ltd. The work was undertaken for Veolia Water, at the recommendation of the Hertfordshire County Council Historic Environment Unit, and was carried out in line with a project design prepared by ASC (Zeepvat 2011).

1.2 **Planning Background**

This watching brief was undertaken in line with the client's statutory obligations.

1.3 Archaeological Services & Consultancy Ltd

ASC is an independent archaeological practice providing a full range of archaeological services including consultancy, field evaluation, mitigation and post-excavation studies, historic building recording and analysis. ASC is recognised as a *Registered Organisation* by the Institute for Archaeologists and is also accredited ISO 9001, in recognition of its high standards and working practices.

1.4 *The Routes*

1.4.1 General Information

Three separate sections of water main, designated Main 1 - Main 3 (Fig. 1), were constructed to the west and south of the village of Little Gaddesden, in the civil parish of that name, in the Dacorum district of Hertfordshire. The principal methods of construction used on this project were directional drilling, for which excavation comprised $1 \times 1m$ drilling pits, up to 100m apart, and slip lining, which involved inserting a new pipe within an existing one, and required similar access pits. Topsoil stripping and the excavation of trenches were limited to a few short sections.

1.4.2 Main 1: Description

Main 1 commenced at NGR SP 9799 1276, c.100m east of the junction of Ringshall Road and Princes Riding, where it joined an existing main. The main ran along Princes Riding for c.1.2km to its south-east end, where it turned southwards across open ground to the north of Ashridge Management College, then followed Hillingdon Road south for 0.3km before swinging to the west

along an existing track to Woodyard Cottages. Passing to the east of the cottages, it continued to follow the same track to the south-east across Berkhamsted Common. North of Coldharbour Farm it turned to the north-west, terminating adjacent to Little Coldharbour Cottage at NGR SP 9866 1140.

Main 1 commenced at an elevation of c.207m AOD, falling to the south-east along Princes Drive and then crossing undulating ground to terminate at c.182m AOD. Apart from the open area near the college, the route passed predominantly through woodland.

1.4.3 Main 2: Description

Main 2 comprised a series of short, linked mains, centred on a group of properties on Hillingdon Road, c.1km south of the college (NGR SP 998 112). Starting from the junction of Hillingdon Road and the drive to *Rodinghead*, a main ran north-westwards along Hillingdon Road for nearly 0.5km. Returning to the junction, a main ran northwards for c.400m, joining an existing main north of *Birch House*. From a junction north-east of *Rodinghead*, a main ran south-eastwards through the fields for c.0.3km, to join an existing main.

Main 2 was located on a south-west facing slope, between 148 and 174m AOD. The area through which it passed is predominantly wooded, with the exception of the last described section, which is in open grassland.

1.4.4 *Main 3: Description*

Main 3 commenced at the junction of the B4506 Ringshall Road and Golf Course Road, at NGR SP 9821 1360. Essentially it followed Golf Course Road in a south-easterly direction to its junction with Ringshall Drive, where it crossed the road and followed an easterly course across the fields to link with an existing main at NGR SP 9953 1295. About 0.5km from the starting point, a spur leads southwards to the golf clubhouse, following the access road.

Main 3 commenced at an elevation of c.205m AOD, falling to the south-east and terminating at c.185m AOD. Most of the area it passed through comprises woodland.

1.4.5 Geology

The natural soils of the area through which all three water mains passed comprise the *Batcombe Association*, namely 'fine silty over fine clayey and fine loamy over clayey soils with slowly permeable subsoils and slight seasonal waterlogging (Soil Survey 1983, 582a). The underlying geology consists of clay with flints (BGS 1946, Sheet 238).

2. Aims & Methods

2.1 *Aims*

As described in the project design (Section 3.1), the aims of the watching brief were:

- To ensure the archaeological monitoring of all aspects of the development programme likely to affect archaeological remains
- To secure the adequate recording of any archaeological remains revealed by the development programme
- To secure the analysis, conservation and long-term storage of any artefactual/ecofactual material recovered from the site

2.2 Standards

The work conformed to the project design, to the relevant sections of the Institute for Archaeologists' *Code of Conduct* (IFA 2000) and *Standard & Guidance Notes* (IFA 2001), to the Association of Local Government Archaeological Officers East of England Region *Standards for Field Archaeology in the East of England* (ALGAO 2003), and to the relevant sections of ASC's own *Operations Manual*.

2.3 *Methods*

The work was carried out according to the project design (Section 3.3), which required:

• A watching brief on any topsoil or overburden stripping

2.4 *Constraints*

The work was carried out in line with the project design and with full cooperation of the client. As a result no constraints were encountered on the project.

3. Archaeological & Historical Background

3.1 The following section provides a summary of the readily available archaeological and historical background to the development site and its environs. The site lies within an area of archaeological and historical interest, and has the potential to reveal evidence of a range of periods.

This section has been compiled with information from readily available sources, including the Hertfordshire Historic Environment Record (HER: based on HER inquiries ref. 112/11 and 117/11) and ASC's in-house reference collection.

3.2 **Prehistoric & Iron Age** (before AD43)

There is little evidence for early prehistoric activity in the area but a number of round barrows and ring ditches (prehistoric burial mounds) have been recorded at the head of the Bulbourne valley at Ivinghoe. The hillfort known as *Ivinghoe Beacon* was constructed during the Bronze Age and an important prehistoric track, referred to as the *Icknield Way* passes along the line of the scarp of the Chiltern Hills, to the west of the site. A number of settlements dating to the Iron Age have been recorded to the immediate south of the site at Frithsden Beeches (HER9980), to the north-west of the site at Pitstone and Ivinghoe (Bryant 1995), and at Pea Lane, Crawleys Lane and Bottom House Lane, on the southwest side of the Bulbourne valley (McDonald 1995).

3.3 **Roman** (AD43-c.450)

During the Roman period, the site area fell within the territory of the *Catuvellauni*, with its capital at *Verulamium* (St Albans). The Roman road now known as *Akeman Street*, linking *Verulamium* with the Roman small town at Alchester (Oxon) passed through the Bulbourne Gap, 3km to the south-west, where there was a settlement and industrial centre at Cow Roast. In the vicinity of the site, extensive areas of earthworks have been identified in Ashridge Park, possibly representing native field systems and settlements (Morris & Wainwright 1995). At Moneybury Hill, on the edge of the Chiltern scarp, excavations have identified a Roman masonry building, possibly a temple (*ibid*.). The route of a possible Roman road from Boxmoor to Pitstone (HER 4610: Viatores 1964, 169a) passes within 1km of Main 3. More recent research and fieldwork has raised doubts regarding many of the routes identified by the Viatores.

3.4 Saxon (c.450-1066)

Little is known of the area in the centuries following the Roman period. Gaddesden (originally with no distinction between 'Great' and 'Little') evidently existed by the early 9th century, as it appears in a Saxon charter of AD812. The name 'Gaddesden' derives from the Anglo-Saxon *gaete* (kid) and *den* (valley). The three water main routes lie within Little Gaddesden parish, which was formerly a part of the Saxon *Hundred of Dacorum*.

3.5 *Medieval* (1066-1500)

The three water main routes pass through land which is, or used to be, part of the Ashridge estate. The manor of Ashridge was one of the principal landholdings in Little Gaddesden, and was associated with a medieval deer park (HER6371). In 1283 Edmund, Earl of Cornwall, a nephew of Henry III, founded a priory, the earliest English college of Bonhommes, at Ashridge (HER4148). In 1285 the Earl of Cornwall granted Ashridge Manor to the college (Page 1914, 219). The college was endowed by Black Prince in 1376 with twenty monks in residence. The manor remained in the possession of the college until the Dissolution in 1538/39, after which it became annexed to the manor of Little Gaddesden. All that remains of the Priory, incorporated into the present house, is the undercroft, monastic well and tithe barn.

Two circular earthwork enclosures in Frithsden Beeches, to the immediate south of the area of Main 3, may be medieval or later stock enclosures (HER6747, 6748). A pillow mound, possibly a medieval house platform, has been identified 0.7km to the north-west (HER 17520).

3.6 **Post-Medieval & Modern** (1500-present)

Following the Dissolution in 1539, Ashridge became a royal residence, primarily used by Henry's children. In 1551 Edward (VI) granted Ashridge to Elizabeth on becoming king, and it was at Ashridge that Elizabeth was arrested in 1554 on the orders of Queen Mary for her supposed involvement in Wyatt's rebellion. Perhaps not surprisingly Elizabeth ceased to use it on becoming queen, and the college buildings were leased to a succession of tenants, becoming increasingly dilapidated. Parts of the building were robbed for materials for additions to Little Gaddesden manor house (Senar 1983, 5).

In 1604 Ashridge was purchased by Sir Thomas Egerton, Lord Chancellor to James I. Egerton repaired the deserted monastic buildings, and added a domestic wing at each end of the Great Hall. His son James purchased an earldom in 1617, assuming the title 'Bridgwater'. The Egertons remained at Ashridge during the 17th and 18th centuries, and continued to develop the estate. Most notable among them was Francis, 3rd Duke of Bridgewater, who is best known for his involvement in the development of the British canal system. With the fortune he amassed from these enterprises, Francis Egerton planned to demolish the remaining monastic and later buildings at Ashridge, and to replace them with a great new mansion. He died in 1803, just as demolition had begun.

Francis Egerton's successor, General John William Egerton, was responsible for the creation of the present Ashridge House (HER1074). The architect from 1808-1813 was James Wyatt: after his death the work was completed by his son Benjamin and his nephew Jeffry Wyatville. The gardens were laid out by Humphrey Repton. In 1849 the house passed to John Egerton's nephew, Viscount Alford. After his death in 1851 his widow commissioned Matthew Digby Wyatt to enhance the principal rooms of the house. Her sons, the 2nd and 3rd Earls Brownlow, continued to develop the estate until the First World War. The 3rd Earl made Ashridge Park available for military camps and training, and Ashridge itself became a convalescent home under the control of St Albans Hospital, manned by the Red Cross. A range of buildings was constructed to the north of Ashridge House for this purpose.

Following the sale of the Ashridge Estate in the 1930s, Ashridge Golf Course was constructed to the north-west of Ashridge House, and plots of land were made available for the construction of large detached houses along Ringshall Road, Golf Course Road and Hillingdon Road.

4. **Results**

4.1 Sixty-nine trenches were observed during fourteen site visits. The full details are presented in Appendix 1 and trench descriptions in Appendix 2.

4.2 *Main 1*

Main 1 consisted of Trenches 1-32 (Plate 1). The general site stratigraphy for this area comprised (Plate 2):

00-0.2m max of topsoil that consisted of mid brown loamy silt;

0.15-0.5m max of subsoil that generally consisted of mid orange brown soft clay with occasional small sub-angular stones;

c.0.7m+ below ground level (BGL) of natural strata that consisted of light-mid rusty orange soft clay with frequent small-angular flint.

Trench 21 contained a v-shaped cut at the northern and southern ends of the trench. Each was packed with flint nodules and measured c.0.4m in width and c.0.6m thick. Trench 22 also contained similar cut features at its northern and southern end that each measured c.0.3m in width and c.0.3m thick. They are thought to be possible postholes, and contained no finds. It is thought that they are part of a fence line that may be associated with the trackway, immediately east of the trenches, or possibly part of an enclosure (Plates 2 & 3).

No significant archaeological features, finds or deposits were observed.

4.3 *Main 2*

Main 2 consisted of Trenches 33-45, 63-69. The general site stratigraphy for this area comprised (Plate 4):

00-0.4m max of topsoil that consisted of mid brown, friable silty clay with moderate small-medium sub-angular flint and stones;

0.17-0.4 max of subsoil that consisted of light-mid beige brown loamy silty clay;

c.0.5m+ BGL of natural strata that consisted of light-mid rusty orange firmish clay with frequent small-large flint nodules.

No significant archaeological features, finds or deposits were observed.

4.4 *Main 3*

Main 3 consisted of Trenches 46-62. The general site stratigraphy for this area comprised (Plate 5):

00-0.2m max thick of topsoil that consisted of mid brown, friable silty clay with moderate small-medium sub-angular flint and stones;

0.15m max thick of subsoil of light-mid beige brown loamy silty clay (observed in Trenches 46-47);

0.1-0.27m thick of made-ground that consisted of white chalk (observed in Trenches 51, 53-54);

0.37m thick of made-ground that consisted of dark black/brown soft clay with concentrations of pea grit and red brick fragments (observed in Trenches 61-62);

c.0.2m+ BGL of natural strata that consisted of light-mid rusty orange firmish clay with frequent small-large flint nodules.

No significant archaeological features, finds or deposits were observed.



Plate 1: Main 1 - example of a typical trench (Tr 2), looking E (scale 1m)



Plate 2: Main 1 - example of stratigraphy (Tr 2), looking SW (scale 1m)

Potten End Booster Water Mains, Little Gaddesden, Hertfordshire1450 / APE



Plate 3: Main 1 – Trench 21, possible post-hole, looking SE (scale 1m)



Plate 4: Main 1 – Trench 22, possible post-hole, looking SW (scale 1.5m)



Plate 5: Main 2 – example of stratigraphy (Tr 33), looking E (*scale* $2 \times 1m$)



Plate 6: Main 3 – example of stratigraphy (Tr 53), looking N (*scale* $2 \times 1m$)

5. Conclusions

- 5.1 Sixty-nine trenches were observed. Two of the trenches contained possible post-holes, likely post-medieval in date. They were thought to be either part of a former fence line that may be associated with the trackway immediately to the east of the trenches, or part of an enclosure.
- 5.2 No significant archaeological features were observed in the remaining trenches. While the existence of individual isolated archaeological features away from the development cannot be specifically excluded, it is unlikely that large numbers of archaeological features were present.
- 5.3 As most of the three mains were laid by directional drilling or slip lining, the likely impact of the project on any buried archaeological remains along the routes is assessed as low.

5.4 *Confidence Rating*

The works were carried out in line with the project design, in good site conditions and with full co-operation of the client. As such the results are given a high confidence rating.

6. Acknowledgements

The project was commissioned by *Balfour Beatty Utility Solutions Ltd*. The writer is grateful to Mark Foster and Michael Georgas for their assistance. The project was monitored by Kate Batt BA of *Hertfordshire County Council Historic Environment Unit*. Thanks are also given to on-site manager, Chris.

The project was managed for ASC by Jonathan Hunn PHD MIFA. Fieldwork was carried out by Carina Summerfield-Hill MSc and Jonathan Hunn. The report was prepared by Carina Summerfield-Hill and edited by Bob Zeepvat BA MIFA.

7. Archive

- 7.1 The project archive will comprise:
 - 1. Brief
 - 2. Project Design
 - 3. Initial Report
 - 4. Clients site plans
 - 5. Site Monitoring Sheets
 - 6. List of photographs
 - 7. B/W prints & negatives
 - 8. CDROM with copies of all digital files.
- 7.2 The archive will be deposited with *Dacorum Heritage Trust* DACHT: 2235.

8. References

Standards & Specifications

- ALGAO 2003 Standards for Field Archaeology in the East of England. East Anglian Archaeology Occasional Paper 14.
- EH 1991 The Management of Archaeological Projects, 2nd edition. English Heritage (London).
- IFA 2000a Institute of Field Archaeologists' Code of Conduct.
- IFA 2000b Institute of Field Archaeologists' Code of Approved Practice for the Regulation of Contractual Arrangements in Field Archaeology.
- IFA 2001 Institute of Field Archaeologists' Standard & Guidance documents (Desk-Based Assessments, Watching Briefs, Evaluations, Excavations, Investigation and Recording of Standing Buildings, Finds).
- Zeepvat, B 2011 Project Design: Potten End Booster Water Main, Little Gaddesden, Hertfordshire. ASC:1450/APE/1.

Secondary Sources

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- Senar H. 1983 Little Gaddesden and Ashridge. Phillimore (Sussex).
- Soil Survey 1983 1:250,000 Soil Map of England and Wales, and accompanying legend (Harpenden).
- Viatores 1964 Roman Roads in the South-east Midlands. Gollancz (London).
- Wainwright, AP, Marshall, G & Salkeld, G 2009 Archaeological Survey of the Ashridge Estate. Volume 2, Area A. Ivinghoe Beacon, Steps Hill and Incombe Hole. National Trust.

Date	Time (inc	luding travel)	Initials	Observations
	Start	Finish		
23/08/11	3.45	5.15	JH	Made initial contact with site workers
				and made notes on Trench 1
24/08/11	10.00	12.45	CSH	Recorded Trenches 1 & 2
30/08/11	8.15	11.30	CSH	Recorded Trenches 3-6
06/09/11	9.00	11.00	JH	Recorded Trenches 7-10
	4.00	6.50		
09/09/11	3.25	5.55	JH	Recorded Trenches 11-12
14/09/11	7.50	10.50	JH	Recorded Trenches 13-18
15/09/11	2.30	5.30	JH	Recorded Trenches 19-22
20/09/11	9.30	14.00	CSH	Recorded Trenches 23-32
11/10/11	12.00	16.00	CSH	Recorded Trenches 33-43
19/10/11	9.15	11.35	JH	Recorded Trenches 44-45
21/10/11	2.00	5.15	JH	Recorded Trenches 46-51
27/10/11	10.15	14.00	CSH	Recorded Trenches 52-59
08/11/11	12.45	14.45	CSH	Recorded Trench 60 and extended area
				of Trench 54
24/11/11	8.15	11:30	CSH	Recorded Trenches 61-69

Appendix 1: Watching Brief Monitoring Table

	Trench 1 – Main 1									
Length:		c.2.7		Width:	c.1.7		Depth:		c.0.97	
GPS Co-o	rdina	ites (c	entre):	SP 98049 127	746					
Orientatio	n:			SE-NW						
Context	Ту	Type Description and Interpretation			Widt (max:		Thicknes (max: m	-	Depth (BGL: m)	
100	Dep	oosit	Mid brow	/n, loamy silt - t	opsoil	>1.7	7	0.05		0
101	Dep	osit	loamy sil	Light-mid beige orange, fine loamy silt with moderate sub- angular flint – sub-soil			7	0.4		0.05
102	Dep	osit	clay with	l rusty orange s frequent small ìint – natural st	sub-	>1.7	7	-		0.45

Appendix 2: Trench Summary Tables

	Trench 2 - Main 1									
Length:		c.2.8		Width:	c.1		Dep	th:	c.1.07	
GPS Co-o	rdina	ates (c	entre):	SP 98134 12	700					
Orientatio	n:			SE-NW						
Context	Ty	уре	D	escription and		Widt	h	Thicknes	S	Depth
			I	nterpretation		(max:	m)	(max: m))	(BGL: m)
200	Dep	oosit	Mid brow	/n, loamy silt - t	opsoil	>1		0.19		0
201	Dep	oosit	Light ora	inge soft clay, n	nore	>1		0.36		0.19
			compact	compact – sub-soil						
202	Dep	oosit	Light-mic	Light-mid rusty orange soft				-		0.55
			clay with	lay with frequent small sub-						
			angular f	flint – natural st	rata					

Trench 3 - Main 1										
Length:		c.2.6		Width:	c.0.7		Depth:	t h: c.1.0		
GPS Co-o	rdina	ates (c	entre):	SP 98216 12	667					
Orientatio	n:			NW-SE						
				escription and nterpretation	Widt (max:		hicknes (max: m)	-	Depth BGL: m)	
300	Dep	oosit	Mid brow	/n, loamy silt - f	topsoil	>0.7	7	0.12		0
301	Dep	oosit	with occa	ge brown soft o asional small so stones – sub-so	np-	>0.7	7	0.45		0.12
302	Dep	oosit	clay with	l rusty orange : frequent small lint – natural st	sub-	>0.7	7	-		0.57

Trench 4 – Main 1								
Length:	c.2.8	Width:	c.0.7	Depth:	c.0.97			
GPS Co-ordina	ates (centre):	SP 98308 12639						
Orientation:		ESE-WNW						

Context	Туре	Description and Interpretation	Width (max: m)	Thickness (max: m)	Depth (BGL: m)
400	Deposit	Mid brown, loamy silt - topsoil	>0.7	0.19	0
401	Deposit	Mid orange brown soft clay with occasional small sub- angular stones – sub-soil	>0.7	0.21	0.19
402	Deposit	Light-mid rusty orange soft clay with frequent small sub- angular flint – natural strata	>0.7	-	0.4

	Trench 5 – Main 1											
Length:	c.1.0	65	Width:	c.1.3		Dept	th:	c.0	.96			
GPS Co-o	rdinates (centre):	SP 98396 120	501								
Orientation: SE-NW												
Context	Туре	D	escription and	ł	Widt	h	Thicknes	S	Depth			
			nterpretation		(max:	m)	(max: m))	(BGL: m)			
500	Deposit	Mid brov	vn, loamy silt - t	opsoil	>1.3	3	0.1		0			
501	Deposit	Light-mi	d rusty orange :	soft	>1.3	3	-		0.1			
		clay with	frequent small	sub-								
	angular flint – natural strata											

				Trench	6 – Ma	ain 1					
Length:		c.2.5	5	Width:	c.0.78		Dep	th:	c.1.0		
GPS Co-o	rdina	ites (c	entre):	SP 98402 126	600						
Orientatio	n:			SE-NW							
Context	3 1.							Thicknes	S	Depth	
				nterpretation		(max:	m)	(max: m)	(BGL: m)	
600	Dep	oosit	Mid brow	/n, loamy silt - t	opsoil	>0.7	8	0.1		0	
601	Dep	osit	Mid oran	ge brown soft o	clay	>0.7	8	0.15		0.1	
			with occa	asional small su	ıb-						
			angular	stones – sub-so	bil						
602	Dep	oosit	Light-mic	l rusty orange s	soft	>0.7	8	-		0.25	
	clay with frequent small sub-										
	angular flint – natural strata										

				Trench	n 7 – Ma	ain 1				
Length:		c.2.3		Width:	c.0.8		Dep	th:	c.1.0	
GPS Co-o	rdina	ates (c	entre):	SP 98595 12	519					
Orientatio	n:			E-W						
Context	Ty	уре	D	escription and	1	Widt	h	Thicknes	S	Depth
	Interpret					(max:	m)	(max: m)	(BGL: m)
700	Dep	oosit	Mid brow	/n, loamy silt - ⁻	topsoil	>0.8	3	0.2		0
701	Dep	oosit	Mid yello	wish brown sil	>0.8	3	0.2		0.2	
			mostly st	toneless – sub-	-soil					
702	Dep	oosit	Light grit	tier yellowish b	rown	>0.8	3	-		0.4
			clay with	gravel becomi						
			gravely a	at depth – natu						
			strata							

				Trench	8 – Ma	ain 1				
Length:		c.2.3		Width:	c.0.8		Dep	th:	C.	1.0
GPS Co-o	rdina	ates (c	entre):	SP 98687 124	490					
Orientatio	n:			E-W						
Context	D. I	1	Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)			
800	Dep	oosit	Mid brow	/n, loamy silt - t	opsoil	.0<	}	0.2		0
801	Dep	oosit	,	wish brown silt oneless – sub-		>0.8	}	0.2		0.2
802	802 Deposit Light grittier clay with gra gravely at de flints – natur				ng	>0.8	}	-		0.4

				Trench	9 – Ma	ain 1				
Length:		c.2.8		Width:	c.0.8		Dep	th:	c.1	.0
GPS Co-o	rdina	ites (c	entre):	SP 98778 124	454					
Orientatio	n:			E-W						
Context	Context Type Description and Interpretation						:h m)	Thicknes (max: m	-	Depth (BGL: m)
900	Dep	osit	Mid brow	/n, loamy silt - t	opsoil	3.0<	3	0.2		0
901	Dep	osit	,	wish brown silt oneless – sub-		>0.8	3	0.2		0.2
902	Dep	osit	Light grit clay with gravely a flints – na	ng	>0.8	}	-		0.4	

				Trench	10 – M	lain 1				
Length:		c.2.9		Width:	c.0.8		Dept	h:	c.1	1.0
GPS Co-o	rdina	tes (c	entre):	SP 98870 12	421					
Orientatio	n:			E-W						
Context	Ту	/pe	D	escription and	d	Widt	h	Thicknes	S	Depth
	Interpretation					(max:	m)	(max: m))	(BGL: m)
1000	Dep	osit	Mid brow	n, loamy silt -	topsoil	>0.8	3	0.2		0
1001	Dep	osit	Mid yello	wish brown sil	ty,	>0.8	3	0.2		0.2
			mostly st	toneless – sub	-soil					
1002	Dep	osit	Light grit	tier yellowish b	orown	>0.8	3	-		0.4
			clay with	clay with gravel becoming						
	gravely at depth and larger									
			flints –na	atural strata						

	Trench 11 – Main 1										
Length:	<i>c</i> .2.8	Width:	<i>c</i> .0.8	Depth:	c.1.0						
GPS Co-ordin	ates (centre):	SP 99007 123	365								
Orientation:	Orientation: E-W										

Context	Туре	Description and Interpretation	Width (max: m)	Thickness (max: m)	Depth (BGL: m)
1100	Deposit	Pale grey, loamy silt - topsoil	>0.8	0.15	0
1101	Deposit	Strong brown sandy clay with flint pebbles and stone – natural strata	>0.8	-	0.15

				Trench	12 – M	ain 1					
Length:		c.2.9		Width:	c.0.8		Dep	th:	C.	1.0	
GPS Co-o	rdina	tes (c	entre):	SP 99121 12	257						
Orientatio	n:			WNW-ESE	/NW-ESE						
Context	Ту	/pe	D	escription and	1	Widt	h	Thicknes	s	Depth	
			I	nterpretation		(max:	m)	(max: m)	(BGL: m)	
1200	Dep	osit	Pale gre	y, loamy silt - to	opsoil	>0.8	}	0.15		0	
1201	Dep	osit	Strong b	Strong brown sandy clay with			8	-		0.15	
			shattered	d flint pebbles a	and						
			stone – r	natural strata							

	Trench 13 – Main 1											
Length:		c.2.5		Width:	c.0.8		Dep	th:	C.'	1.0		
GPS Co-o	rdina	tes (c	entre):	SP 99186 12	240							
Orientatio	n:			E-W	W							
Context	Ту	/pe		escription and	Widt	h	Thicknes	S	Depth			
				nterpretation		(max:	m)	(max: m))	(BGL: m)		
1300	Dep	osit	Mid brow	/n, loamy silt - f	topsoil	>0.8	3	0.2		0		
1301	Dep	osit	Mid brow	ny orange flint	y clay,	>0.8	3	-		0.2		
			that cont	ained a glass a	and tile							
fragment – natural strata												

	Trench 14 – Main 1										
Length:	c.3.0		Width:	c.0.8		Dep	th:	С.	1.0		
GPS Co-o	rdinates (c	entre):	SP 99095	12195							
Orientation: N-S											
Context	Туре		escription a nterpretation		Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)		
1400	Deposit	Dark bro	wn, loamy s	ilt - topsoil	>0.8		0.2		0		
1401	Deposit	Strong b natural s	rown flinty c trata	lay –	>0.8		-		0.2		

	Trench 15 – Main 1										
Length:		c.2.8		Width:	<i>c</i> .0.8		Dep	th:	С.	1.0	
GPS Co-o	rdina	tes (c	entre):	SP 99052 12	110						
Orientation: N-S											
Context	Ту	ре		escription and		Widt	h	Thicknes	S	Depth	
			l	nterpretation		(max:	m)	(max: m))	(BGL: m)	
1500	Dep	osit	Dark bro	wn, loamy silt	- topsoil	>0.8	}	0.15		0	
1501	Dep	osit	Mid grey	Mid greyish brown, clay with			}	0.2		0.15	
			flint – sul	o-soil							

1502	Dep	osit	Strong b natural s	rown flinty clay trata	-	>0.8	}	-		0.35
				Trench	16 – M	ain 1				
Length:		c.2.2		Width:	c.0.8		Dep	th:	C.'	1.0
GPS Co-o	rdina	ates (c	entre):	SP 99017 120	026					
Orientatio	Drientation: N-S									
Context	Ty	уре	D	escription and		Widt	h	Thicknes	S	Depth
			I	nterpretation		(max:	m)	(max: m))	(BGL: m)
1600	Dep	oosit	Dark bro	wn, loamy silt -	topsoil	>0.8	}	0.15		0
1601	Dep	posit	Pale bro sub-soil	Pale brown, clay with flint –			}	0.5		0.15
1602	Dep	oosit	Strong b	Strong browny orange flinty clay – natural strata			}	-		0.65

			Trench	17 – M	ain 1				
Length:	С	2.5	Width:	c.0.8		Dep	th:	c.1	.1
GPS Co-o	rdinate	es (centre):	SP 98978-11	920					
Orientation: N-S									
Context	Тур		escription and		Widt		Thicknes	-	Depth
		l	nterpretation		(max:	m)	(max: m))	(BGL: m)
1700	Depos	sit Dark bro	wn, loamy silt -	topsoil	>0.8	}	0.2		0
1701	Depos	sit Pale bro	wn, clay with fli	nt –	>0.8	8	0.5		0.2
		sub-soil							
1702	Depos	sit Strong b	rong browny orange flinty			}	-		0.7
		clay – na	itural strata						

				Trench	18 – M	ain 1				
Length:		c.2.3		Width:	c.0.8		Dep	th:	C.'	1.0
GPS Co-o	rdina	ites (c	entre):	SP 98968 118	335					
Orientatio	n:			N-S						
Context	Ту	/pe	D	escription and	l	Widt	h	Thicknes	s	Depth
			I	Interpretation			m)	(max: m))	(BGL: m)
1800	Dep	osit	Dark bro	wn, loamy silt -	topsoil	>0.8	}	0.15		0
1801	Dep	osit	Pale brow	wn, clay with fli	nt –	>0.8	}	0.5		0.15
			sub-soil							
1802	Dep	osit	Strong b	trong browny orange flinty			3	-		0.7
			clay – na	tural strata						

			Trench	19 – M	ain 1					
Length:	C.2	2.5	Width:	c.0.8		Dep	th:	c.1	.0	
GPS Co-o	rdinates	(centre):	SP 98877 11	SP 98877 11794						
Orientatio	n:		E-W							
Disturban	ce:		Trench disturbed by services							
Context	Туре		escription and Interpretation	1	Widt (max:		Thicknes: (max: m)	-	Depth (BGL: m)	
1900	Deposi	t Dark bro	Dark brown, loamy silt - topsoil				0.3		0	
1901	Deposi		d browny orange flinty clay natural strata				-		0.3	

			Trench	20 – M	ain 1				
Length:	c.3	.0	Width:	c.0.8		Dep	oth: c.1.3		
GPS Co-o	rdinates	(centre):	SP 98781 11	786					
Orientation: E-W									
Context	Туре		escription and Interpretation	k	Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)
2000	Deposit		Dark brown, loamy silt - topsoil			}	0.25	,	0
2001	Deposit	Mid brov – natura	vny orange flint I strata	y clay	>0.8	}	-		0.25

			Trench	21 – M	ain 1				
Length:	(c.2.0	Width:	c.0.8		Dep	th:	c.1.1	
GPS Co-o	rdinate	es (centre):	SP 98820 11	662					
Orientatio	n:		ESE-WNW						
Context	Тур	De [Description and Interpretation	Widt (max:		Thicknes (max: m)	-	epth iL: m)	
2100	Depo	sit Dark br	own, loamy silt -	topsoil	>0.8	}	0.15		0
2101	Fill	frequen	own silty clay wi t small-medium flint – fill of post	sub-	0.4		0.6	().1
2102	Cut	V-shape	ed cut – post-ho	le?	0.4		0.6	().1
2103 2104	Fill	frequen	own silty clay wi t small-medium flint – fill of post	sub-	0.4		0.6).1
	Cut		ed cut – post-ho		0.4		0.6).1
2105 Deposit Mid browny orange sandy cla – natural strata					>0.8	3	-	0	.15

				Trench	22 – M	ain 1				
Length:		c.1.9		Width:	c.0.8		Dep	th:	C.'	1.1
GPS Co-o	rdina	ates (c	entre):	SP 98868 11	574					
Orientation: N-S										
ContextTypeDescription andWidthThicknessDepthInterpretation(max: m)(max: m)(BGL: m)								Depth (BGL: m)		
2200	Dep	oosit	Dark bro	wn, loamy silt -	topsoil	>0.8	}	0.15		0
2201	Fill		moderate	wn silty clay wi e small flint – fil e? [2102]		0.3		0.3		0.15
2202	Cut		V-shape	d cut – post-ho	le?	0.3		0.3		0.15

2203	Fill	Dark brown silty clay with moderate small flint – fill of post-hole? [2102]	0.3	0.3	0.15
2204	Cut	V-shaped cut – post-hole?	0.3	0.3	0.15
2205	Deposit	Mid browny orange flinty clay – natural strata	>0.8	-	0.15

	Trench 23 – Main 1											
Length:	С.	2.0	Width:	<i>c</i> .0.8		Dep	th:	c.0.	.9			
GPS Co-o	rdinates	s (centre):	SP 98765 11	746								
Orientation: NE-SW												
Context	Туре	D	escription and	ł	Widt	h	Thicknes	s	Depth			
			nterpretation		(max:	m)	(max: m))	(BGL: m)			
2300	Deposi	t Dark bro	wn, loamy silt -	- topsoil	>0.8	}	0.2		0			
2301	Deposi	-	d orange firm/s	•	>0.8	}	-		0.2			
			ill-med sub-ang	gular								
		flint – na	tural strata									

				Trench	24 – M	ain 1				
Length:		c.2.0		Width:	c.0.8		Dep	th:	<i>c</i> .0).9
GPS Co-o	rdina	ites (c	entre):	SP 98824 11	657					
Orientatio	n:			NW-SE						
Context	Ту	/pe	D	ł	Widt	h	Thicknes	s	Depth	
			I	nterpretation		(max:	m)	(max: m)	(BGL: m)
2400	Dep	osit	Dark bro	wn, loamy silt -	topsoil	>0.8	3	0.2		0
2401	Dep	osit	Light-mic	Light-mid orange slightly firm			3	-		0.2
			clay with	small-med sub)-					
	angular flint – natural strata									

			Trench	25 – M	lain 1				
Length:	С	2.0	Width:	c.0.7		Dep	th:	C.	0.85
GPS Co-o	rdinate	es (centre):	SP 98875 11	586					
Orientatio	n:		N-S						
Context	Тур	e D	escription and	Widt	h	Thicknes	S	Depth	
			Interpretation		(max:	m)	(max: m))	(BGL: m)
2500	Depos	sit Dark bro	wn, loamy silt -	· topsoil	>0.7		0.15		0
2501	Depos	sit Light-mi	Light-mid orange slightly firm				-		0.15
		clay with	n small-med sub)-					
		angular	rata						

	Trench 26 – Main 1											
Length: c.2.3 Width: c.0.76 Depth: c.1.0												
GPS Co-ordinates (centre): SP 98906 11487												
Orientatio	n:		N-S									
Context	Туре	e D	escription and	1	Widt	h	Thickness	5	Depth			
	Interpretation (max: m) (max: m) (BGL: m)											
2600 Deposit Dark brown, loamy silt - topsoil >0.76 0.15 0												

2601	Deposit	Light-mid orange slightly firm	>0.76	-	0.15
		clay with small-med sub-			
		angular flint – natural strata			

				Trench	27 – M	ain 1				
Length:		c.2.0		Width:	c.0.7 D		Dep	Depth:).9
GPS Co-o	rdina	ates (c	entre):	SP 98913 113	382					
Orientation: N-S										
Context	Ty	уре		escription and nterpretation	Widt (max:		Thicknes (max: m	-	Depth (BGL: m)	
2700	Dep	oosit	Dark bro	wn, loamy silt -	topsoil	>0.7	7	0.25		0
2701	Dep	oosit	Light bei sub-soil	ge orange soft	clay –	>0.7	7	0.2		0.25
2702	Dep	oosit	clay with	Light-mid orange slightly firm clay with small-med sub- angular flint – natural strata			7	-		0.45

				Trench	28 – M	ain 1				
Length:		c.2.0		Width:	c.0.7 De		Dep	epth:).7
GPS Co-o	rdina	ates (c	entre):	SP 98869 11	316					
Orientatio	n:			NW-SE						
Context	Ty	уре		Description and			h	Thicknes	S	Depth
			I	nterpretation		(max:	m)	(max: m))	(BGL: m)
2800	Dep	oosit	Dark bro	wn, loamy silt -	topsoil	>0.7	7	0.18		0
2801	Dep	oosit	Light-mic	Light-mid orange slightly firm			7	-		0.18
			clay with small-med sub-							
			angular	flint – natural st	rata					

				Trench	29 – M	ain 1				
Length:		c.2.0		Width:	c.0.7	c.0.7		Depth:		.9
GPS Co-ordinates (centre):			SP 98804 113	SP 98804 11374						
Orientatio	n:			NW-SE						
			escription and nterpretation		Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)	
2900	Dep	oosit	Dark bro	wn, loamy silt -	topsoil	>0.7	7	0.13		0
2901	Dep	oosit	Light bei sub-soil	ge orange soft	clay –	>0.7	7	0.16		0.13
2902	clay with			l orange slightl small-med sub lint and pebble trata)-	>0.7	7	-		0.29

Trench 30 – Main 1									
Length:	c.1.9	Width:	c.0.67	Depth:	c.1.0				
GPS Co-ordina	ates (centre):	SP 98714 114	412						
Orientation:		SE-NW							

Potten End Booster Water Mains, Little Gaddesden, Hertfordshire 1450/APE

Context	Туре	Description and Interpretation	Width (max: m)	Thickness (max: m)	Depth (BGL: m)
3000	Deposit	Dark brown, loamy silt - topsoil	>0.67	0.25	0
3001	Deposit	Light-mid orange slightly firm clay with small-med sub- angular flint and pebbles – natural strata	>0.67	-	0.25

	Trench 31 – Main 1									
Length:		c.2.2		Width:	c.0.76		Depth:		с.(0.9
GPS Co-ordinates (centre):				SP 98667 114	SP 98667 11421					
Orientatio	n:			E-W						
Context	Type Descript			escription and		Width		Thicknes	S	Depth
			I	nterpretation		(max:	m)	(max: m))	(BGL: m)
3100	Dep	osit	Dark bro	wn, loamy silt -	topsoil	>0.7	6	0.2		0
3101	Dep	osit	•	d orange slightly	•	>0.7	6	-		0.2
			,	clay with small-med sub-						
			angular f	lint and pebble	s –					
			natural s	trata						

	Trench 32 – Main 1									
Length:	С	.2.0		Width:	c.0.7		Depth:		с.0.	.9
GPS Co-ordinates (centre):				SP 98763 117	759					
Orientatio	n:			NE-SW						
Context	Тур	e	D	escription and		Width		Thickness		Depth
				nterpretation		(max:	m)	(max: m))	(BGL: m)
3200	Depos	sit D	ark bro	wn, loamy silt -	topsoil	>0.7	7	0.2		0
3201	Depos	cl ai	Light-mid orange slightly firm clay with small-med sub- angular flint and pebbles – natural strata			>0.7	7	-		0.2

				Trench	33 – M	ain 2				
Length:		c.3.3		Width:	c.0.9 De		Dep	Depth:		1.1
GPS Co-o	GPS Co-ordinates (centre):				SP 99947 11117					
Orientation:				N-S						
Context Type				escription and		Widt	h	Thicknes	S	Depth
			Interpretation			(max:	m)	(max: m))	(BGL: m)
3300	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil)	0.3		0
3301	Dep	oosit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>0.9)	-		0.3

Trench 3	4 – Main	2
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Length:		c.1.8		Width:	c.0.6		Dep	th:	с.(0.77	
GPS Co-o	rdinat	tes (ce	entre):	SP 99899 11	SP 99899 11173						
Orientatio	Orientation:										
Disturban	ce:			Trench distur	bed by se	ervices					
Context Type I			D	escription and	1	Widt	h	Thicknes	S	Depth	
			l	nterpretation		(max:	m)	(max: m))	(BGL: m)	
3400	Depo	osit	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			>0.6	3	0.3		0	
3401	soft clay			v orange, firm, s with frequent s t nodules – nat	mall-	>0.6	6	-		0.3	

				Trench	35 – M	ain 2				
Length:		c.0.4	-0.7	Width:	c.0.4-0	.8	Depth:		C.(0.8-1.14
GPS Co-o	GPS Co-ordinates (centre):			SP 99880 11	SP 99880 11194					
Orientation:				NW-SE/SW-N	١E					
Context Type			D	escription and		Widt	h	Thicknes	s	Depth
			I	Interpretation			m)	(max: m))	(BGL: m)
3500	Dep	osit	clay with medium	brown, friable moderate sma sub-angular flir	ll-	>0.8	3	0.4		0
3501	Dep	oosit	stones – topsoil Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>0.8	3	-		0.4

				Trench	36 – N	lain 2					
Length:		c.3.4		Width:	c.0.9	Depth: c.1.2			1.2		
GPS Co-o	rdina	ates (c	entre):	SP 99822 112	SP 99822 11266						
Orientatio	n:			SE-NW	SE-NW						
Context	Ty	уре	D	escription and	1	Widt	h	Thicknes	s	Depth	
			I	nterpretation		(max:	m)	(max: m)	(BGL: m)	
3600	Dep	oosit	Mid-dark	brown, friable	silty	>0.9)	0.3		0	
	clay with			moderate sma							
	medium		sub-angular flint and								
			stones –								
3601	Dep	oosit	-	v orange, firm, s	>0.9)	-		0.3		
			,	with frequent s							
			U U	t nodules – nat							
			strata								
				Trench	<u> 37 – M</u>	ain 2					
Length: c.1.9				Width:	Width: c.0.66 Depth:		oth: c.0.9		0.9		
GPS Co-o	GPS Co-ordinates (centre):				SP 99831 11304						
Orientatio	Orientation:				N-S						
Disturban	Disturbance:				Trench disturbed by services						

Context	Туре	Description and Interpretation	Width (max: m)	Thickness (max: m)	Depth (BGL: m)
3700	Deposit	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil	>0.66	0.25	0
3701	Deposit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata	>0.66	-	0.25

	Trench 38 – Main 2											
Length:		c.0.2		Width: c.0.7			Depth:		c.0.8			
GPS Co-o	rdina	ates (c	entre):	SP 99787 114	SP 99787 11427							
Orientatio	n:			NW-SE								
Disturban	ce:			Trench distur	bed by s	ervices						
Context	Context Type [escription and		Widt	h Ti	hicknes				
			I	nterpretation		(max:	m) (I	max: m)) (BGL: m)			
3800	Dep	oosit	clay with	brown, friable moderate sma sub-angular flir topsoil	>0.7	,	0.1	0				
3801	Dep	oosit	Light-mic sub-soil	Light-mid brown loamy silt –			,	0.4	0.1			
3802	Dep	oosit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>0.7	,	-	0.5			

	Trench 39 – Main 2											
Length:		c.1.7		Width:	c.0.56 De		Dept	th:	c.0.7			
GPS Co-o	rdina	ites (c	entre):	SP 99781 114	SP 99781 11434							
Orientatio	n:			N-S								
Disturban	ce:			Trench distur	bed by s	ervices						
Context Type I			D	escription and	1	Widt	h	Thicknes	s D	epth		
				nterpretation	(max:	m)	(max: m)	(BC	GL: m)			
3900	Dep	osit	Mid-dark	Mid-dark brown, friable silty		>0.5	6	c.0.15		0		
			clay with	moderate sma								
			medium	sub-angular flir								
			stones –									
3901	Dep	osit	Light-mic	d brown loamy	silt –	>0.5	6	0.2	0).15		
			sub-soil									
3902	Dep	osit	Mid rusty orange, firm, slightly		>0.5	6	-	0).35			
			-	with frequent s								
			large flin	t nodules – nat	ural							
			strata									

Trench 40 – Main 2									
Length:	Length: c.2.6 Width: c.1.3 Depth: c.0.7								

GPS Co-o	rdinates (c	entre):	SP 99783 11440						
Orientatio	on:		W-E	W-E					
Disturban	ce:		Trench disturbed by s	ervices					
			escription and	Width	Thickness	Depth			
			nterpretation	(max: m)	(max: m)	(BGL: m)			
4000	clay with medium		brown, friable silty moderate small- sub-angular flint and topsoil	>1.3	0.2	0			
4001	soft clay		/ orange, firm, slightly with frequent small- t nodules – natural	>1.3	-	0.2			

				Trench	41 – M	ain 2					
Length:		c.1.9		Width:	c.0.7 Depth:			th:	c.0.75		
GPS Co-o	rdina	ites (c	entre):	SP 99789 114	SP 99789 11440						
Orientatio	n:			NE-SW							
Disturban	ce:			Trench distur	bed by s	ervices					
Context	Ty	уре		escription and	1	Widt	h	Thicknes	s	Depth	
				nterpretation	(max:	m)	(max: m)	(BGL: m)		
4100	Dep	osit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil		>0.7	,	0.1		0	
4101	Dep	osit	Light-mic sub-soil	Light-mid brown loamy silt –		>0.7	,	0.2		0.1	
4102	Dep	osit	soft clay	/ orange, firm, s with frequent s t nodules – nat	mall-	>0.7	,	-		0.3	

				Trench	42 – M	ain 2					
Length:		c.7		Width:	/idth: c.0.6 Depth:			:h:	c.0.9		
GPS Co-o	rdina	tes (c	entre):	SP 99788 114	SP 99788 11436						
Orientatio	n:			NW-SE							
Disturban	ce:			Trench distur	bed by se	ervices					
Context Type D			escription and		Widt	h	Thicknes	s	Depth		
				nterpretation		(max:	m)	(max: m))	(BGL: m)	
4200	Dep	osit	clay with	t brown, friable moderate sma sub-angular flir topsoil	II-	>0.6	5	0.1		0	
4201	Dep	osit	U U	Light-mid brown loamy silty clay – sub-soil		>0.6	5	0.3		0.1	
4202	Dep	osit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>0.6	6	-		0.4	

				Trench	43 – M	lain 2					
Length:		c.1.8		Width:	c.0.8 Dept			th: c.0		0.95	
GPS Co-o	rdina	ates (c	entre):	SP 99797 114	SP 99797 11443						
Orientatio	n:			NE-SW							
Disturban	ce:			Trench distur	bed by s	ervices					
Context	Context Type [escription and	ł	Widt	h	Thicknes	S	Depth	
			I	nterpretation	(max:	m)	(max: m))	(BGL: m)		
4300	Dep	oosit	clay with	brown, friable silty moderate small- sub-angular flint and topsoil		>0.8	}	0.2		0	
4301	Dep	oosit	Light-mic sub-soil	Light-mid brown loamy clay -			}	0.17		0.2	
4302	Dep	oosit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>0.8	}	-		0.37	

				Trench	44 – M	ain 2					
Length:		c.32		Width:	Width: <i>c</i> .0.4-1 De			pth: c		1	
GPS Co-o	rdina	ates (c	entre):	SP 99824 112	SP 99824 11269						
Orientatio	n:			N-S							
Disturban	ce:			Trench distur	bed by s	ervices					
Context	Context Type [escription and	1	Widt	h	Thicknes	s	Depth	
			l	Interpretation			m)	(max: m))	(BGL: m)	
4400	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil				0.25		0	
4401	Dep	oosit	Light-mic sub-soil	Light-mid brown loamy clay -				0.2		0.25	
4402	Dep	oosit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>1		-		0.45	

	Trench 45 – Main 2										
Length:	C.	.2	Width:		Depth:			0.8			
GPS Co-o	rdinates	s (centre):	SP 99824 112	269							
Orientatio	n:		E-W	E-W							
Context	Туре		Description and			h	Thicknes	-	Depth		
		I	nterpretation		(max:	m)	(max: m))	(BGL: m)		
4500	Depos	clay with	t brown, friable moderate sma sub-angular flir topsoil	.II-	>0.4		0.2		0		

4501	Deposit	Mid orange, firm, slightly soft	>0.4	-	0.2
		clay with frequent small-large			
		flint nodules – natural strata			

				Trench	46 – M	ain 3						
Length:		c.3		Width:	c.1.6		Dept	th: c.1.1				
GPS Co-o	rdina	ates (c	entre):	SP 98886 13	SP 98886 13186							
Orientatio	n:			E-W								
Disturban	ce:			Trench distur	bed by s	ervices						
Context	Ty	уре		escription and		Widt	h	Thicknes	ess Depth			
			Interpretation			(max:	m)	(max: m)) (BC	GL: m)		
4600	Dep	oosit	clay with	brown, friable moderate sma sub-angular flir topsoil	 -	>1.6	6	0.15		0		
4601	Dep	oosit	•	d yellowish brov with flint – sub-		>1.6	5	0.15	(0.15		
4602	Dep	oosit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>1.6)	-		0.3		

	Trench 47 – Main 3											
Length:		c.3		Width: <i>c</i> .0.7			Dep	th:	c.1			
GPS Co-o	rdina	ates (c	entre):	SP 98813 132	SP 98813 13244							
Orientatio	n:			E-W								
Context	Ty	уре	D	escription and		Widt	h	Thicknes	S	Depth		
			I	nterpretation		(max: m)		(max: m)		(BGL: m)		
4700	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			7	0.1		0		
4701	Dep	oosit	-	Mid beige brown, soft silty clay – sub-soil			7	0.15		0.1		
4702	Dep	oosit		ish brown, firm uent flint nodule trata	,	>0.7	7	-		0.25		

	Trench 48 – Main 3												
Length:		c.2.8		Width:	c.0.7		Dep	th:	С.	1			
GPS Co-o	rdinat	tes (c	entre):	SP 98697 133	305								
Orientatio	on:			E-W									
Context	Ту	ре		Description and Interpretation				Thicknes (max: m)	-	Depth (BGL: m)			
4800	Depo	osit	clay with	brown, friable moderate sma sub-angular flir topsoil	 -	>0.7	,	0.15		0			

4801	Deposit	Mid reddish brown, firm clay	>0.7	-	0.15
		with frequent flint nodules –			
		natural strata			

	Trench 49 – Main 3											
Length:		c.2.7	5	Width:c.0.7Depth:			th:	c.1				
GPS Co-o	rdina	ates (c	entre):	SP 98615 13360								
Orientation: E-W												
Context	T	уре		escription and nterpretation	ļ	Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)		
4900	Dep	osit	silty clay	of mid brown, b and white chal ound base of ro	k –	>0.7	7	0.3		0		
4901	Dep	oosit	U U	d orangey brow flint nodules –	>0.7	7	-		0.3			

	Trench 50 – Main 3												
Length:		c.2.5		Width:	c.0.8		Dep	th:	C.1	1			
GPS Co-o	rdina	ates (c	entre):	SP 98540 13397									
Orientatio	n:			E-W									
Context	Context Type Description and Interpretation						:h m)	Thicknes (max: m	-	Depth (BGL: m)			
5000	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			}	0.2		0			
5001	Dep	oosit	-	Light-mid orangey brown, firm clay with flint nodules – natural			3	-		0.2			

	Trench 51 – Main 3											
Length:		c.2.5		Width:	c.0.7		Dep	th:	c.1	.1		
GPS Co-o	rdina	ites (c	entre):	SP 98453 13452								
Orientatio	n:			E-W								
Context	Context Type Description and Interpretation						:h m)	Thicknes (max: m)	-	Depth (BGL: m)		
5100	Dep	oosit	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			>0.7	7	0.1		0		
5101	Dep	oosit	White chalk – made-ground			>0.7	7	0.1		0.1		
5102	Dep	osit	Light-mic firm clay	•	>0.7	7	-		0.2			

	Trench 52 – Main 3										
Length:	c.2.5	Width:	<i>c</i> .0.9	Depth:	c.1						

GPS Co-o	rdinates (c	entre):	SP 98367 13505						
Orientatio	on:		NW-SE						
Disturban	ce:		Trench disturbed by s	Trench disturbed by services					
Context	Туре		escription and Interpretation	Width (max: m)	Thickness (max: m)	Depth (BGL: m)			
5200	Deposit	clay with	brown, friable silty moderate small- sub-angular flint and topsoil	>0.9	0.15	0			
5201	5201 Deposit Light orange, firm clay with frequent flint nodules – natural strata				-	0.15			

				Trench	53 – M	ain 3				
Length:		c.2.7		Width:	c.0.8		Dep	th:	C.1	1
GPS Co-o	rdina	ates (c	entre):	SP 98289 13552						
Orientatio	n:			NW-SE						
Disturban	ce:			Trench distur	bed by s	ervices				
Context	Ty	уре	D	escription and	I	Widt	h	Thicknes	s	Depth
			I	Interpretation			m)	(max: m))	(BGL: m)
5300	Dep	oosit	clay with	brown, friable moderate sma sub-angular flir	II-	>0.8	}	0.1		0
			stones –	Ū						
5301	Dep	oosit	White ch	alk - made-gro	ound	>0.8	}	0.2		0.1
5302	Dep	osit	Light orange, firm clay with frequent flint nodules – natural strata			>0.8	}	-		0.3

	Trench 54 – Main 3												
Length:		c.4.5		Width:	c.1.2		Depth:		C.'	1.07			
GPS Co-o	rdina	ites (c	entre):	SP 98200 13595/SP 98207 13598									
Orientatio	n:			NW-SE/SW-N	NW-SE/SW-NE								
Disturban	ce:			Trench distur	bed by s	ervices							
Context	Ту	уре	D	Description and			h	Thicknes	S	Depth			
			I	nterpretation		(max:	m)	(max: m))	(BGL: m)			
5400	Dep	oosit	Tarmac -	- road		>1.2	2	0.13		0			
5401	Dep	oosit	White ch	alk – made-gro	bund	>1.2	2	0.27		0.13			
5402	Dep	oosit	Light ora	Light orange, firm clay with			2	-		0.4			
			frequent	frequent flint nodules – natural									
			strata										

	Trench 55 – Main 3												
Length:	c.2	2.5	Width: c.1.3 Depth: c.1.1										
GPS Co-o	rdinates	(centre):	SP 98689 13	305									
Orientatio	n:		NW-SE										
Disturban	ce:		Trench disturbed by services										
Context	Туре		escription and Interpretation		Width (max: m)		Thickness (max: m)		Depth (BGL: m)				

5500	Deposit	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil	>1.3	0.15	0
5501	Deposit	Light orange, firm clay with frequent flint nodules – natural strata	>1.3	-	0.15

	Trench 56 – Main 3											
Length:		c.3.3		Width:	c.2.2		Dep	th:	c.1	.1		
GPS Co-o	rdina	ates (c	entre):	SP 98690 133	SP 98690 13326							
Orientatio	n:			NW-SE								
Disturbance: Trench disturbed by services												
Context	Ty	уре		escription and nterpretation		Width (max: m)		Thicknes (max: m	-	Depth (BGL: m)		
5600	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			2	0.1		0		
5601	Dep	osit	-	nge, firm clay v e flint nodules - trata		>2.2	2	-		0.1		

	Trench 57 – Main 3											
Length:		c.1.1		Width:	c.0.37		Dep	th:	с.(0.84		
GPS Co-o	rdina	ates (c	entre):	SP 98691 133	SP 98691 13317							
Orientatio	n:			NW-SE								
Disturbance: Trench disturbed by services												
Context	T	уре		Description and Interpretation			:h m)	Thicknes (max: m)	-	Depth (BGL: m)		
5700	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			7	0.1		0		
5701	Dep	oosit	moderate	Light orange, firm clay with moderate flint nodules – natural strata			7	-		0.1		

	Trench 58 – Main 3											
Length:		c.5.3		Width:	c.2.3 De			th:	C.'	1		
GPS Co-ordinates (centre): SP 98671 13325												
Orientation: NW-SE												
Disturbance: Trench disturbed by services												
Context	Ty	/pe	D	escription and		Widt	h	Thicknes	S	Depth		
				nterpretation		(max:	m)	(max: m)	(BGL: m)		
5800	Dep	oosit		Mid-dark brown, friable silty			3	0.15		0		
			clay with	moderate sma	II-							
			medium	sub-angular flir	nt and							
			stones –	topsoil								

5801	Deposit	Light orange, firm clay with	>2.3	-	0.15
		moderate flint nodules –			
		natural strata			

	Trench 59 – Main 3											
Length:		c.3.2		Width: c.1.1 Dep		oth:		1.05				
GPS Co-o	rdina	ates (c	entre):	SP 98707 132	SP 98707 13299							
Orientatio	n:			NE-SW								
Disturbance: Trench disturbed by services												
Context	Ţ	уре		Description and Interpretation			h m)	Thicknes (max: m)	-	Depth (BGL: m)		
5900	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and				0.2		0		
5901	Dep	oosit	moderate	stones – topsoil Light orange, firm clay with moderate flint nodules – natural strata				-		0.2		

	Trench 60 – Main 3											
Length:		c.0.7		Width:	h: c.0.7 D			:h:	c.0).7		
GPS Co-o	rdina	ates (c	entre):	SP 98856 132	SP 98856 13216							
Orientation: NE-SW												
Context	Ту	уре		escription and nterpretation	1	Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)		
6000	Dep	oosit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil			7	0.15		0		
6001	Dep	oosit	-	nge, firm clay v e flint nodules - trata		>0.7	7	-		0.15		

	Trench 61 – Main 3											
Length:		c.5m		Width:	c.0.3 Dep			th: c		1.25m		
GPS Co-o	rdina	ites (c	entre):	SP 98689 133	SP 98689 13312							
Orientatio	n:			NW-SE	NW-SE							
Context	T	уре		escription and nterpretation	•			Thicknes (max: m)	-	Depth (BGL: m)		
6100	Dep	oosit	clay with medium stones –	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil (side of trench away from the road)				0.25		0		
6101	Dep	oosit	with cond and red	Dark black/brown, soft clay with concentrations of pea grit and red brick fragments – made-ground (road side of trench)			2	0.37		0		

6102	Deposit	Light orange, firm clay with	>0.3	-	0.25
		moderate flint nodules -			
		natural strata			

				Trench	62 – M	ain 3						
Length:		c.4m		Width:	c.0.3m	n Dep		th: c		0.85m		
GPS Co-o	rdina	ites (c	entre):	SP 98684 13	SP 98684 13314							
Orientatio	n:			NW-SE	NW-SE							
Context				escription and nterpretation	Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)			
6200	Dep	posit	clay with medium stones –	d-dark brown, friable silty ay with moderate small- edium sub-angular flint and ones – topsoil (side of trench vay from the road)			>0.1			0		
6201	Dep	oosit	with cone and red	Dark black/brown, soft clay with concentrations of pea grit and red brick fragments – made-ground (road side of		>0.2	2	0.45		0		
6202	Dep	osit	0	nge, firm clay v e flint nodules - trata		>0.3	}	-		0.25		

	Trench 63 – Main 2											
Length:		c.3.5	m	Width:		Dep	th:	C.	1.55m			
GPS Co-o	rdina	ites (c	entre):	TL 00028 110	TL 00028 11010							
Orientatio	n:			NW-SE	NW-SE							
Context	Ту	/pe		escription and nterpretation	Widt (max:		Thicknes (max: m)	-	Depth (BGL: m)			
6300	Dep	osit	clay with medium	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil)	0.1		0		
6301	Dep	osit	Light-mic sub-soil	d brown loamy	silt –	>2.()	0.3		0.1		
6302	Dep	osit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata			>2.()	-		0.4		

	Trench 64 – Main 2											
Length: c.5m Width: c.2.5m Depth: c.1.3m												
GPS Co-o	GPS Co-ordinates (centre): TL 0048 10979											
Orientatio	n:		NW-SE									
Context	Туре	e De	escription and		Width		Thickness	s Depth				
			Interpretation			m)	(max: m)	(BGL: m)				

6400	Deposit	Mid-dark brown, friable silty clay with moderate small- medium sub-angular flint and stones – topsoil	>2.5	0.15	0
6401	Deposit	Mid rusty orange, firm, slightly soft clay with frequent small- large flint nodules – natural strata	>2.5	-	0.15

	Trench 65-69 – Main 2									
Five small	Five small hand-dug trenches, along roadway and within garden									
Length: c.0.4-		-1.0m	Width:	c.0.3-0	.6m	Depth:		c.0.4m		
GPS Co-o	GPS Co-ordinates (centre): TL 002111002 – SP 99						89			
Context	ntext Type			Description and Wi		Widt	th Thickne		S	Depth
			Interpretation			(max:	m)	(max: m)	(max: m) (BGL: n	
65-6900	Dep	osit	Mid-dark	brown, friable	silty	>0.3	3	0.15		0
			clay with moderate small-							
			medium	n sub-angular flint and						
			stones –	stones – topsoil						
65-6901	Dep	osit	Mid rusty orange, firm, slightly			>0.3	3	-		0.15
			soft clay with frequent small-							
			large flin							
			strata	U U						

Appendix 3: List of Photographs

SITE NAM	ME: Potte	en End Bo	oster Water Mains, Little Gaddesden, Herts SITE NO/CODE: 1450/APE			
Shot	B&W	Digital	Subject			
1		$\overline{\mathbf{v}}$	Main 1: Trench 1, looking N			
2			Main 1: Trench 1, looking NE			
3	\checkmark		Main 1: Trench 1, stratigraphy, looking SW (scale 1m)			
4		\checkmark	Main 1: Trench 1, looking NW (scale 1m)			
5	\checkmark		Main 1: Trench 2, stratigraphy, looking SW (scale 1m)			
6		\checkmark	Main 1: Trench 2, looking E (scale 1m)			
7	\checkmark	\checkmark	Main 1: Trench 3, stratigraphy, looking SW (scale 1m)			
8			Main 1: Trench 3, looking E (scale 1m)			
9		\checkmark	Main 1: General shot			
10		\checkmark	Main 1: General shot			
11	\checkmark	\checkmark	Main 1: Trench 4, stratigraphy, looking SW (scale 1m)			
12		\checkmark	Main 1: Trench 4, looking E (scale 1m)			
13	\checkmark	\checkmark	Main 1: Trench 5, stratigraphy, looking SE (scale 1m)			
14		\checkmark	Main 1: Trench 5, looking E (scale 2×1m)			
15	\checkmark	\checkmark	Main 1: Trench 6, stratigraphy, looking SW (scale 1m)			
16		\checkmark	Main 1: Trench 6, looking SE (scale 1m)			
17		\checkmark	Main 1: General Shot			
18		\checkmark	Main 1: General Shot			
19		\checkmark	Main 1: Trench 7, looking N			
20		\checkmark	Main 1: Trench 7, stratigraphy, looking SE (scale 2m)			
21		\checkmark	Main 1: Trench 8, looking N			
22		\checkmark	Main 1: Trench 8, stratigraphy, looking SE (scale 2m)			
23		\checkmark	Main 1: Trench 9, looking N			
24			Main 1: Trench 9, stratigraphy, looking S (scale 2m)			
25			Main 1: Trench 10, looking E (scale 2m)			
26			Main 1: Trench 10, looking N (scale 2m)			
27		\checkmark	Main 1: Trench 11, stratigraphy (scale 2m)			
28		\checkmark	Main 1: Trench 11 (scale 2m)			
29		\checkmark	Main 1: Trench 12, stratigraphy (scale 2m)			
30		\checkmark	Main 1: Trench 12, stratigraphy (scale 2m)			
31			Main 1: Trench 12			
32			Main 1: Trench 13, looking SE			
33			Main 1: Trench 13, stratigraphy, looking N (scale 2m)			
34			Main 1: Trench 13, looking S (scale 2m)			
35			Main 1: Trench 13, drilling			
36			Main 1: Trench 14, looking E			
37			Main 1: Trench 14, looking N			
38			Main 1: Trench 14, stratigraphy, looking NW (scale 2m)			
39			Main 1: Trench 15, looking N (scale 2m)			
40			Main 1: Trench 15, stratigraphy, looking NW (scale 2m)			
41			Main 1: Trench 16, looking NW (scale 2m)			
42			Main 1: Trench 16, stratigraphy, looking NW (scale 2m)			
43			Main 1: Trench 17, stratigraphy, looking NW (scale 2m)			
44			Main 1: Trench 19, looking NE (scale 2m)			
45			Main 1: Trench 19, stratigraphy, looking S (scale 2m)			
46		\checkmark	Main 1: General shot			

		-	oster Water Mains, Little Gaddesden, Herts SITE NO/CODE: 1450/APE		
Shot 47	B&W	Digital	Subject		
		N	Main 1: Trench 20, looking N		
48			Main 1: Trench 20, stratigraphy, looking NE (scale 2m)		
49		V	Main 1: Trench 21, looking NW		
50		V	Main 1: Trench 21, stratigraphy, looking S (scale 2m)		
51		V	Main 1: Trench 21, stratigraphy, looking SW (scale 2m)		
52		V	Main 1: Trench 21, post-hole?, looking SE (scale 1m)		
53			Main 1: Trench 22, looking NW		
54			Main 1: Trench 22, stratigraphy, looking SW (scale 2m)		
55	\checkmark		Main 1: Trench 23, stratigraphy, looking W (scale 1m)		
56			Main 1: Trench 23, looking S (scale 2×1m)		
57	\checkmark		Main 1: Trench 24, stratigraphy, looking NE (scale 1m)		
58			Main 1: Trench 24, looking S (scale 1m)		
59	\checkmark		Main 1: Trench 25, stratigraphy, looking E (scale 1m)		
60			Main 1: Trench 25, looking S (scale 1m)		
61	\checkmark		Main 1: Trench 26, stratigraphy, looking E (scale 1m)		
62			Main 1: Trench 26, looking S (scale 1m)		
63	\checkmark		Main 1: Trench 27, stratigraphy, looking W (scale 1m)		
64			Main 1: Trench 27, looking N (scale 1m)		
65			Main 1: Trench 28, stratigraphy, looking SW (scale 2×1m)		
66			Main 1: Trench 28, looking SW (scale 2×1m)		
67	\checkmark	Ń	Main 1: Trench 29, stratigraphy, looking SW (scale 2×1m)		
68	,		Main 1: Trench 29, looking NW (scale 1m)		
69		Ň	Main 1: Trench 30, stratigraphy, looking SW (scale 2×1m)		
70	,		Main 1: Trench 30, looking NW (scale 1m)		
71			Main 1: Trench 31, stratigraphy, looking N (scale 2×1m)		
72		V	Main 1: Trench 31, looking NW (scale 1m)		
73			Main 1: General shot		
74			Main 1: General shot		
75			Main 1: General shot		
76			Main 1: General shot		
70		V	Main 1: General shot		
78		$\sqrt{1}$			
	N	1	Main 2: Trench 33, stratigraphy, looking E (scale 2×1m)		
79	-	N	Main 2: Trench 33, looking S (scale 1m)		
80	\checkmark	N	Main 2: Trench 34, stratigraphy, looking NW (scale 2×1m)		
81		N	Main 2: Trench 34, looking W (scale 1m)		
82		N	Main 2: General shot		
83	1	N	Main 2: General shot		
84	\checkmark	N	Main 2: Trench 35, stratigraphy, looking NE (scale 2×1m)		
85		N	Main 2: Trench 35, looking N (scale 1m)		
86		V	Main 2: Trench 35, looking SW (scale 1m)		
87	,	V	Main 2: Trench 35, looking NW (scale 1m)		
88	\checkmark		Main 2: Trench 36, stratigraphy, looking NE (scale 2×1m)		
89			Main 2: Trench 36, looking NW (scale 2×1m)		
90			Main 2: General shot		
91	\checkmark		Main 2: Trench 37, stratigraphy, looking E (scale 2×1m)		
92			Main 2: Trench 37, looking N (scale 1m)		
93	\checkmark		Main 2: Trench 38, stratigraphy, looking NE (scale 2×1m)		
94	T		Main 2: Trench 38, looking NW (scale 1m)		

SITE NA	ME: Potte	n End Bo	oster Water Mains, Little Gaddesden, Herts SITE NO/CODE: 1450/APE			
Shot	B&W	Digital	Subject			
95	$\sqrt{1}$		Main 2: Trench 39, stratigraphy, looking W (scale 2×1m)			
96			Main 2: Trench 39, looking N (scale 1m)			
97		V	Main 2: Trench 40, stratigraphy, looking N (scale 2×1m)			
98	,		Main 2: Trench 40, looking NW (scale 1m)			
99	\checkmark		Main 2: Trench 41, stratigraphy, looking N (scale 2×1m)			
100			Main 2: Trench 41, looking NE (scale 1m)			
101			Main 2: Trench 42, stratigraphy, looking SW (scale 2×1m)			
102			Main 2: Trench 42, looking NW (scale 1m)			
103			Main 2: General shot			
104			Main 2: General shot			
105			Main 2: Trench 43, stratigraphy, looking SE (scale 2×1m)			
106			Main 2: Trench 43, looking SW (scale 1m)			
107			Main 2: General shot			
108			Main 2: General shot			
109	1		Main 2: General shot			
110			Main 2: General shot			
111	1		Main 2: General shot			
112			Main 2: General shot			
113	1		Main 2: Trench 44, looking E			
114			Main 2: Trench 44, looking N (scale 2m)			
115			Main 2: Trench 44, stratigraphy, looking W (scale 1m)			
116			Main 2: Trench 45, looking W (scale 1m)			
117			Main 2: Trench 45, stratigraphy, looking SE (scale 1m)			
118			Main 3: Trench 46, looking E (scale 2m)			
119			Main 3: General shot			
120			Main 3: General shot			
121			Main 3: Trench 47, stratigraphy, looking N (scale 2m)			
122			Main 3: General shot			
123			Main 3: Trench 48, looking S			
124			Main 3: Trench 49, stratigraphy, looking E (scale 1m)			
125			Main 3: Trench 50, looking SW			
126			Main 3: Trench 50, stratigraphy, NW (scale 2m)			
127	1		Main 3: Trench 51, looking W			
128			Main 3: Trench 51, stratigraphy, looking NW (scale 2m)			
130			Main 3: Trench 52, stratigraphy, looking N (scale 2×1m)			
131			Main 3: Trench 52, looking NW (scale 1m)			
132	\checkmark		Main 3: Trench 53, stratigraphy, looking N (scale 2×1m)			
133	1		Main 3: Trench 53, looking NW (scale 2×1m)			
134			Main 3: Trench 54, stratigraphy, looking N (scale 2×1m)			
135			Main 3: Trench 54, looking NW (scale 2×1m)			
136			Main 3: General shot			
137			Main 3: General shot			
138	\checkmark		Main 3: Trench 55, stratigraphy, looking NE (scale 2×1m)			
139			Main 3: Trench 55, looking NE (scale 2×1m)			
140			Main 3: Trench 56, stratigraphy, looking NE (scale 2×1m)			
141	,		Main 3: Trench 56, looking SW (scale 1m)			
142			Main 3: Trench 57, stratigraphy, looking NW (scale 1m)			
143	<u> </u>		Main 3: Trench 57, looking NE (scale 1m)			
144			Main 3: Trench 58, stratigraphy, looking NE (scale 1m)			
1-7-4		Ň				

Potten End Booster Water Mains, Little Gaddesden, Hertfordshire 1450/APE

SITE NAM	SITE NAME: Potten End Booster Water Mains, Little Gaddesden, Herts SITE NO/CODE: 1450/APE						
Shot	B&W	Digital	Subject				
145	\checkmark	\checkmark	Main 3: Trench 58, looking NW (scale 1m)				
146		\checkmark	Main 3: General shot (scale 1m)				
147	\checkmark	\checkmark	Main 3: Trench 59, looking NE (scale 2×1m)				
148		\checkmark	Main 3: Trench 60, looking SW				
149		\checkmark	Main 3: Trench 60, looking SW				
150		\checkmark	Main 3: Trench 54, extended, looking N				
151		\checkmark	Main 3: Trench 54, extended, stratigraphy, looking NW				
152	\checkmark	\checkmark	Main 3: Trench 61, stratigraphy, looking NE (scale 1m)				
153		\checkmark	Main 3: Trench 61, looking NW (scale 1m)				
154	\checkmark	\checkmark	Main 3: Trench 62, stratigraphy, looking NE (scale 1m)				
155		\checkmark	Main 3: Trench 62, looking NW (scale 1m)				
156	\checkmark	\checkmark	Main 2: Trench 63, stratigraphy, looking SW (scale 1m)				
157		\checkmark	Main 2: Trench 63, looking S, (scale 1m)				
158	\checkmark	\checkmark	Main 2: Trench 64, stratigraphy, looking NE (scale 1m)				
159		\checkmark	Main 2: Trench 64, looking SE (scale 1m)				
160		\checkmark	Main 2: General shot of trenches 65-67, looking SE				
161		\checkmark	Main 2: General shot of trenches 68-69, looking S				
162		\checkmark	Main 2: Trench 68, looking SW				

Appendix 4: ASC OASIS Form

	PROJEC	T DETAILS							
Project Name:	Potten End Booster Water Mains Gaddesden, Herts	reference:	archaeol2-113047						
Short Description:	In August - November 2011 a watching brief was carried out at the Ashridge Estate, Little Gaddesden, Hertfordshire during the laying of three water mains. Sixty-nine trenches were observed. Two contained possible post-holes, likely to be of post-medieval date, that may either be part of a fence line associated with the trackway immediately east of the trenches, or have formed part of an enclosure. The remaining trenches contained no archaeological finds, features or deposits.								
Project Type:	Watching Brief								
Previous work: (eg. SMR refs)	None		Site sta (eg. non	atus: e, SAM, listed)	Archaeological Significance No 28				
Current land use:	Parkland		Future (yes/no/	work: unknown)	No				
Monument type:	n/a			nent period:	n/a				
Significant finds: (artefact type & period)	None	None							
	PROJECT	LOCATION	l						
County:	Hertfordshire		(8 figs min) Main 2 – SF		9821 1360 – SP 9953 1295 9799 1276 – SP 9866 1140 9998 112 (centre)				
Site address: (+ postcode if known)	Site address: Potten End Booster Water Main, Little Gaddesden, Hertfordshire								
Study area: (sq. m. / ha)	Main 1 – 2.7km Main 2 – 1.1km Main 3 – 1.7km	Height OE	DD: (metres)		Main 1 - c.182 - 207m Main 2 - c.148 - 174m Main 3 - c.185 - 205m				
	PROJECT	CREATORS	5						
Organisation:	Archaeological Services & Consu	ultancy Ltd							
Project brief originator:	Kate Batt BA	Project de	esign o	riginator:	Bob Zeepvat BA MIFA				
Project Manager:	Jonathan Hunn PHD MIFA	Supervisor: Carina Summer			Carina Summerfield-Hill MSc				
Sponsor / funding body:	Balfour Beatty Utility Solutions L	td							
		CT DATE							
Start date:	23/08/11	End date:			24/11/11				
		ARCHIVES							
	Location (Accession no.)	Content (eg. pottery, animal bone, files/sheets)							
Physical:	Dacorum Heritage Trust	None							
Paper:	DACHT: 2235	Pd, report, site records, plans, b& w photographs and negatives							
Digital:									
	APHY (Journal/monograph, publis			•					
Title:	Watching Brief: Potten End Boo	ster Water N	/lain, L	ittle Gaddesd	len, Hertfordshire				
Serial title & volume:	ASC Ltd Report ref. 1450/APE/2								
Author(s):	Carina Summerfield-Hill MSc								
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