



	Flout Drainage		GPR Ground Anomaly
	Surface Drainage		GPR Geospatial Movement
	Combined Drainage		GPR Reinforcement
	Electricity		GPR Underground Structure
	Overhead Electricity		British Telecom
	Traffic Light System		GPR Underground Void
	Gas		Survey Extents
	Water		Photo Position
	Telecommunications		
	Cable Television		
	Cable Circuit		
	Television		
	Overhead Telecom		
	Fibre Optics		
	Unknown		
	Unknown Route Located by GPR		
	Transport for London GPR Ducting		
	GPR Image Position		

\* Please Note:  
Utility routes shown in dark grey & with line type (r) are from existing records

[illegible]

Unless otherwise stated, all services shown on this plan have been surveyed using approved detectors and methods and are shown as best estimates of their true positions and depths to be drilled.

No guarantee can be given that all services have been shown.

In ideal conditions the depth accuracies for the underground utilities located is  $\pm 10\%$  of depth.

It is not possible to guarantee that the services shown are the only services that may be present. It may arise due to a lack of accuracy in that guidance information.

Reference should be made to the BS58:1992 code of practice for the use of ground penetrating radar.

Reference should be made to the methodology used on site as detailed within the latest version of the project's Quality Procedure.

Excavations in the vicinity of services shown are to be carried out with due diligence (Ref: HS(GS47)).

The following text is a summary of the findings of the Buildings and Structures Surveys at scales of 1:500 and 1:250 carried out by the Royal Institute of Chartered Surveyors in January 1996.

"Electronic tracing is a reliable method of locating buried services. On heavy, built up, sites 80% completeness can be achieved. On open sites, 90% completeness can be achieved."

"Plan accuracies of the order of  $\pm 10\text{m}$  may be achieved but this figure will depend on the depth of the services. For services located at depths of 1m or less, a 10% depth accuracy is possible. For services located at depths of 10m or more, a 10% depth accuracy is not possible. Separation may be improved. Successful tracing of non-metallic pipes may be difficult."

"Existing record information showing underground services is often incomplete and does not guarantee accuracy. It should be regarded only as an indication and cannot be guaranteed."

Base plan provided by client. Read in conjunction with existing records.  
Utility routes and text shown in dark grey are from existing records.  
Drainage routes with a pipe diameter of 300mm or greater are shown as the pipe width along with continuous line style.  
For copies contact 40SEVEN.  
Services plotted outside survey extents should not be considered to be exhaustive.

IRID	DATUM
ORDNANCE SURVEY RELATED TO THE OS ACTIVE STATIONS BY GPS OBSERVATIONS	ORDNANCE SURVEY RELATED TO THE OS ACTIVE STATIONS BY GPS OBSERVATIONS

LEEDS LONDON  
0113 201 9700 01732 740596  
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PROJECT TITLE:  
LONDON BOROUGH OF HOUNSLOW SURVEYS  
TOPOGRAPHICAL & UTILITY MAPPING SURVEY

SURVEYED BY: SF/PW/EF/CG	DRAWN BY: NC	APPROVED BY: LP
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SCALE:	SURVEY DATE:
1:100 @ A1	11/2019

DRAWING NUMBER:  
1716- Site 200

1716_Site 20C	
SHEET NUMBER:	REV:

Survey Type	Quality Level	Post-Processing	Location Accuracy		Supporting Data
			Horizontal	Vertical	
D	Desktop utility Records Search	QL-D	-	Undefined	-
C	Site Reconnaissance	QL-C	-	Undefined	A segment of utility whose location is demonstrated by visual reference to street furniture, topographical features or evidence of previous street works (reinstatement scar).
B	Detection	QL-B4	No	Undefined	A utility segment which is suspected to exist but has not been detected and is therefore shown as an assumed route.
		QL-B3	No	±500mm	Horizontal location only of the utility detected by one of the geophysical techniques used.
		QL-B3P	Yes	Undefined (No reliable depth measurement possible)	
		QL-B2	No	±250mm or 40% of detected depth whichever is greater	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
		QL-B2P	Yes	±40% of detected depth	
		QL-B1	No	±150mm or 15% of detected depth whichever is greater	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
		QL-B1P	Yes	±15% of detected depth	
A	Verification	QL-A	-	±50mm	Horizontal and vertical location of the top and/or bottom of the utility.