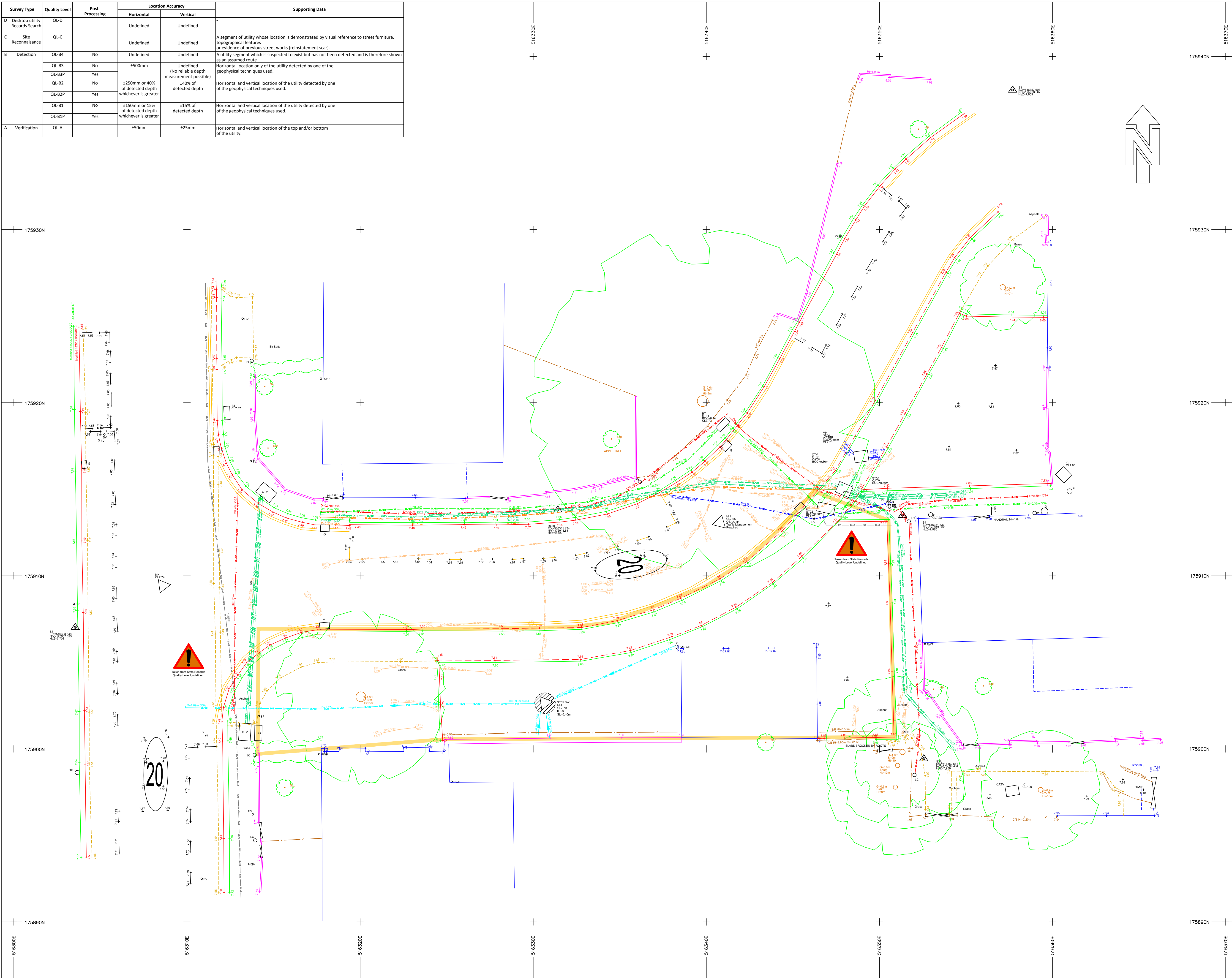
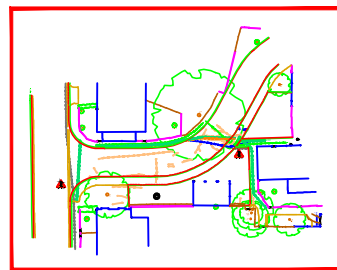


Survey Type	Quality Level	Post-Processing	Location Accuracy		Supporting Data
			Horizontal	Vertical	
D Desktop utility Records Search	QL-D	-	Undefined	Undefined	-
C Site Reconnaissance	QL-C	-	Undefined	Undefined	A segment of utility whose location is demonstrated by visual reference to street furniture, topographical features or evidence of previous street works (reinstatement scar).
B Detection	QL-B4	No	Undefined	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	Undefined (No reliable depth measurement possible)	Horizontal location only of the utility detected by one of the geophysical techniques used.
	QL-B3P	Yes	±250mm or 40% of detected depth whichever is greater	±40% of detected depth	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
	QL-B2	No			
	QL-B2P	Yes	±150mm or 15% of detected depth whichever is greater	±15% of detected depth	Horizontal and vertical location of the utility detected by one of the geophysical techniques used.
	QL-B1	No			
A Verification	QL-B1P	Yes	±50mm	±25mm	Horizontal and vertical location of the top and/or bottom of the utility.
	QL-A	-			



SHEET LAYOUT



UTILITY LEGEND

- Foul Drainage
- Surface Drainage
- Combined Drainage
- Overhead Electricity
- Traffic Light System
- Gas
- Water
- Telecommunications
- Cable Television
- Close Circuit Television
- British Telecom
- Overhead Telecom
- Fibre Optic
- Unknown
- Unknown Route Located By GPR
- Transport for London
- GPR Image Position
- GPR Ground Anomaly
- GPR Geological Movement
- GPR Reinforcement
- GPR Underground Structure
- GPR Underground Void
- Survey Extents
- Photo Position

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

ABBREVIATIONS

- | | | |
|-----------------------------|---------------------------|------------------------------|
| AC Asbestos Cement | FS Fibre Optic Cover | SA Survey Abandoned |
| AD Air Conditioning Unit | G Gully | SB Safety Barrier |
| AF Assumed Direction | GPR Ground Penetrating | SC Speed Camera |
| AV Air Valve | GR Gas Valve | SF Safety Fence |
| BB Balustrade | GL Ground Light | SL Soft Level |
| BD Back Drop | HL Hand Rail | SL Sheet Lighting (Electric) |
| BH Borehole | HV High Voltage | SP Sign Post |
| BL Basement | IC Inspection Cover | SR Spring |
| BL Basement | IL Invert Level | SS Street Railings |
| BOC Bottom of Chamber | KO Kerb Outlet | ST Street |
| BS Bus Stop | LC Lighting Column | SV Survey Station |
| BT British Telecom Box | LOR Loss Of Reflection | SW Storm Water |
| BTB British Telecom Box | LOB Loss Of Back | SVP Soil Vent Pipe |
| BW Barbed Wire Fence | MOC Multiple Cables | Tac Tactile Paving |
| CAT Catenary Cover | MH Manhole Cover | TC Telecom Cover |
| CBS Concrete Boundary Fence | MP Manhole Plug | TCP Telephone Call Post |
| CC Control Cabinet | NF No Further Information | TFR Taken From Records |
| CD Control Duct | NP Name Plate | TH Trial Hole / Pit |
| CH Chasing | NV No Pipes Visible | THL Threshold Level |
| CI Cast Iron | OF Off Survey Area | TL Tank |
| CI Corrugated Iron Fence | P Post | TOS Top Of Soil |
| CL Cover Level | PSM Permanent Bench Mark | TP Top Of Wall |
| CL Chain Link Fence | PE Polyethylene | TP Traffic Pole |
| CP Catch Pit | PCM Permanent Ground | TS Traffic Signals |
| CPL Coping Level | PL Plastic | TSC Traffic Signals Cover |
| CTV Cable TV | PAL Palisade Fence | UTL Unable To Locate |
| CUL Culvert | PM Parking Meter | UTL Unable To Raise |
| CW Concrete Wall | PR Post and Rail Fence | UTS Unable To Survey |
| di Ductile Iron | PS Post Signal | VVC Vent Pipe |
| dis Disused | PV Pump | VDP Vehicle Detector Pad |
| DSS Downstream | PVC Polyvinylchloride | VTP Vent Pipe |
| DSW Dry Stone Wall | PWR Post and Wire Fence | VR Vapour Recovery |
| EB Electricity Box | PWR Post and Wire Fence | W Water Level |
| EC Electricity Cover | PZ Piezometer | WM Water Meter |
| ED Empty Duct | R Road | WM Water Meter |
| EF Electricity Feeder | RE Rodding Eye | WO Wash Out |
| EOT End of Trace | RL Road Level | WO Wash Out |
| EP Electricity Pole | RS Road Sign | WO Wash Out |
| ER Earth Road | RWP Rain Water Pipe | WV Wheel Valve |
| FC Fuel Cover | RW Retaining Wall | |
| FFL Finished Floor Level | S | |
| FH Fire Hydrant | | |

DISCLAIMER

Unless otherwise stated, all services shown on this plan have been surveyed using approved detectors and the connections between manholes, if not traced, are assumed to be direct. No guarantee can be given that all services have been shown. In ideal conditions the depth accuracies for the underground utilities located is +/- 10% of depth. Where services are shown as 'Taken From Records' on the drawing we are not liable for any loss that may arise due to a lack of accuracy in that gained information. Due to B1's policy we are not permitted to lift the inspection chamber cover. Reference should be made to the methodology used on site as detailed within the latest version of 40SEVEN's Site Procedures for Utility Location Surveys. Excavations in the vicinity of services shown are to be carried out with due diligence (Ref: HS(G47)). The following text is an extract from Surveys of Land, Buildings and Utility Surveys at scales of 1:500 and larger issued by the Royal Institute of Chartered Surveyors February 1996. "Electronic tracing is a reliable method of locating buried services. On heavy built up sites 10% completeness is probably all that can be expected. "Plan accuracies of the order of +/- or - 100mm may be achieved but this figure will depend on the depth of the service below ground level. Where similar services run in close proximity, separation may be impossible. Successful tracing of non-metallic pipes may be limited. "Existing record information showing underground services is often incomplete and of doubtful accuracy. It should be regarded only as an indication and cannot be guaranteed."

NOTES

Base plan provided by client. Read in conjunction with existing records. Utility routes not 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.

REV.	DETAILS	BY	DATE
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GRID	DATUM
ORDNANCE SURVEY RELATED TO THE OS ACTIVE STATIONS BY GPS OBSERVATIONS	ORDNANCE SURVEY RELATED TO THE OS ACTIVE STATIONS BY GPS OBSERVATIONS

40SEVEN

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PROJECT TITLE: LONDON BOROUGH OF HOUNSLOW SURVEYS
TOPOGRAPHICAL & UTILITY MAPPING SURVEY

DRAWING TITLE: LONDON BOROUGH OF HOUNSLOW SURVEYS
HARTLAND ROAD A

SURVEYED BY: SFW/EF/CG	DRAWN BY: NC	APPROVED BY: LP
SCALE: 1:100 @ A1	SURVEY DATE: 04/2019	
DRAWING NUMBER: 1716_Site Hartland Road A_P		
SHEET NUMBER: 1 of 1 A1		REV