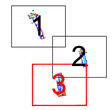
Borehole	Easting	Northing	Level
WS0601	549089.401	187490.893	15.070
WS0602	549095.566	187476.257	15.111
WS0603	549104.966	187453.071	15.104
WS0604	549183.670	187416.420	14.725
WS0605	549188.549	187399.992	14.688
WS0606	549147.986	187340.321	15.588
WS0607	549144.142	187356.674	15.605
WS0608	549140.812	187373.728	15.613

Survey Type		Quality Level	Post-Processing	Location Accuracy		Supporting Data
				Horizontal	Vertical	
D	Desktop utility Records Search	QL-D	-	Undefined	Undefined	-
C	Site Reconnaisance	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			
		QL-B2	No	±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-B2P	Yes			
		QL-B1	No	±150mm or 15% of detected depth whichever is greater	±15% of detected depth	Horizontal and vertical location of the utility detected by multiple geophysical techniques used.
		QL-B1P	Yes			
A	Verification	QL-A	-	±50mm	±25mm	Horizontal and vertical location of the top and/or bottom of the utility.

SHEET LAYOUT



UTILITY LEGEND

- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Overhead Electricity
- Traffic Light System
- Gas
- Water
- Telecommunications
- Cable Television
- Close Circuit Television
- British Telecom
- Overhead Telecom
- Fibre Optics
- Unknown
- Unknown Route Located by GPR
- Ducting
- Transport for London
- Heating
- Fuel Oil
- Hot Water
- Compressed Air
- GPR Image Position
- GPR Ground Anomaly
- GPR Geological Movement
- GPR Reinforcement
- GPR Underground Structure
- GPR Underground Void
- Survey Extents
- Photo Position

TOPOGRAPHIC LEGEND

- Building
- Building Canopy
- Building Overhead
- Surface Edge
- Road Edge
- Road Kerb Channel
- Banking
- Fence
- Wall
- Structure
- Structure Overhead
- Structure Underground
- Vegetation Extents
- Drainage Channel
- Scar
- Above Ground Pipe
- Overhead Pipe
- Overhead Electricity
- Overhead Telecom
- Railway Track
- Major Contour Line
- Minor Contour Line

*Warning: Linetypes do not display when represented by 3D Polylines in AutoCAD. To view or plot linetypes use 2D CAD file.

*** Please Note:**
Private Telecom Provider's Utility routes are shown with company name in line style
Utility routes shown in dark grey & with line type (QL+D) are from existing records.
Example:

ABBREVIATIONS

AC	Asbestos Cement	FH	Fire Hydrant	RW	Retaining Wall
ACU	Air Conditioning Unit	FO	Fibre Optic Cover	S	Stump
AD	Assumed Direction	FS	Flag Staff	SA	Survey Abandoned
AR	Assumed Route	G	Gate	SB	Signal Box
AV	Air Valve	GPR(I)	Ground Penetrating Radar (Inconclusive)	SB	Safety Barrier
BB	Ballarda Beacon			SC	Speed Camera
BH	Bell End Hole	GAL	Gas Valve Light	SC	Security Fence
BoB	Bed Level	GV	Gas Valve	SF	Spot Firm
BH	Borehole	HR	Hand Rail	SL	Soffit Level
BL	Bollard	HV	High Voltage (Electric)	SL	Street Lighting (Electric)
BL	Basement Light	IC	Inspection Cover	SP	Sign Post
BO	Bollard	IL	Invert Level	SP	Spot Level
BOS	Bollard Illuminated	IR	Iron Rail Fence	SR	Steel Railings
BOC	Bottom of Chamber	KO	Kerb Outlet	SS	Sonde Stops
BR	Bore Hole	LC	Level Crossing	SS	Sump Size
BS	Bus Stop	LC	Lighting Column	STS	Structural Support
BT	British Telecom Cover	LH	Lamp Hole	Stn	Survey Station
BTB	British Telecom Box	LP	Lamp Post Illumination	SV	Sluice Valve
BW	Brick Wall	LOS	Line Of Signal	SVP	Soil Vent Pipe
B/W	Barbed Wire Fence	LV	Low Voltage (Electric)	SW	Stone Wall
CAT	Cat Ladder	MB	Marker Board	TB	Telegraph Box
CAT	Catenary Level	MC	Multiple Cables	TBM	Temporary Bench Mark
CB	Close Boarded Fence	MH	Manhole Cover	TC	Telecom Cover
CBS	Concrete Bollard	MK	Mark Point	TCB	Telecom Control Box
CCTV	Close Circuit TV Cover	MP	Mile Post/Stone	TCP	Telephone Call Post
CH	Chainage	NFI	No Further Information	TJF	Temporary Fence
CL	Ceiling Level	NP	Name Plate	TL	Temporary Lamp Mounts
CI	Cast Iron	NP	Name Plate	Trs	Trial Hole / Pit
CI	Corrugated Iron Fence	NPV	No Pipes Visible	Ths	Threshold Level
CL	Cable Level	OA	Open Area Area	TP	Tap Point
CL	Chain Link Fence	P	Post	TOW	Top Of Wall
CO	Concrete	PBM	Permanent Bench Mark	TP	Telegraph Pole
CO	Cover Level	PC	Point Change	TS	Traffic Signal
Cpl	Coping Level	PDM	Permanent Ground Marker	TSC	Traffic Signals Cover
CTV	Cable TV Cover			U/S	Upstream
CW	Cess Wall	PL	Pipe Level	UA	Unable to Access
CW	Concrete Wall	PS	Palisade Fence	U/L	Unable to Locate
DI	Ductile Iron	PM	Parking Meter	U/R	Unable to Raise
DL	Down Light	PO	Post Office Fence	U/T	Unable to Trace
dis	Disused	PS	Post Signal	U/T	Unable to Trace
D/S	Downstream	PU	Pump	VC	Vitrified Clay
DT	Dwarf Telecom	PVC	Polyvinylchloride	VP	Vent Protector Pad
EB	Electricity Box	PW	Post and Wire Fence	VP	Vent Pipe
EC	Electricity Cover	PWR	Power	VR	Vapour Recovery
EF	End of Fence	R	Rainwater	VTP	Vertical Pipe
EP	Empty Ducting	R	Radius	WB	Water Board
EPP	Electricity Feeder Pillar	RE	Rodding Eye	WL	Water Level
EOT	End of Trace	RL	Riser	WM	Water Meter
EP	Electricity Pole	RL	Roof Level	WM	Wire Mesh Fence
FC	Fuel Cover	RM	Road Marker	WO	Water Outlet
FC	Fuel Cover	RS	Road Sign	WS	Window Sample
FFL	Finished Floor Level	RWP	Rain Water Pipe	WV	Wheel Valve

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.
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 quoted information.
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 quoted information.
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.
The topographical survey (if included) was undertaken and carried out with due diligence (Ref: HSG047.)
The following level 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 December 2014.
"Electronic tracing is a suitable method of locating buried services, On heavy, built up urban sites 90% completeness is a realistic target for the survey."
Where 90% completeness is achieved in 100% of the surveyed 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 services is not guaranteed.
*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

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 manhole covers.
For copies contact 40SEVEN.
Services plotted outside survey extents should not be considered to be exhaustive.

REV:	DETAILS	BY	DATE

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

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PROJECT TITLE:
LONDON BOROUGH OF BARKING & DAGENHAM
TOPOGRAPHICAL & UTILITY SURVEYS

DRAWING TITLE:
FAMBRIDGE ROAD - SOUTH PLOT
RM8 1NS

SURVEYED BY:	DRAWN BY:	APPROVED BY:
PW / GG	NC	LP

SCALE:	SURVEY DATE:
1:100 @ A0	04/2021

DRAWING NUMBER: 2176_P_Fambridge Road

SHEET NUMBER: 3 of 3 A0

REV: