



Legend

NOTES:

1. Statutory undertakers record drawings were provided for this survey.
2. All depths shown are for guidance and cannot be guaranteed.
3. All detectable services within the survey extent have been shown. Not all services are detectable, and therefore not shown, but may be present within the survey extent.
4. A single line representing a utility trace may indicate the presence of multiple services within close proximity to each other. Services below the 300mm level may be missed.
5. Unless otherwise stated, all services shown on this plan have been surveyed using appropriate detection and the connection between inspection chambers, if available to be detected, are assumed to be direct unless there are indications to the contrary.
6. Full excavations are always recommended to prove service locations and to determine the depth to determine the presence of services.
7. If the topographic survey information or base mapping has been supplied by a Third Party, Landform Surveys Ltd are not liable for any inaccuracies contained therein.
8. No utility mapping can be considered a 100% accurate depiction of the sub-surface environment and the use of these drawings does not remove the requirement for the use of safe digging techniques.

Important: Gas Safety

Gas safety is a matter of life and death. It is the responsibility of the gas consumer to ensure that their gas installation is safe. If you are unsure of the safety of your gas installation, please contact a Gas Safe registered engineer. It is not the responsibility of the surveyor to ensure the safety of your gas installation.

Important: Utility Mapping

Utility mapping is a complex task and requires a high level of accuracy. It is the responsibility of the surveyor to ensure that the utility mapping is accurate and that the services are correctly identified. It is not the responsibility of the surveyor to ensure the safety of your utility installation.

Utility Service Depths

Depth of services are shown in the following form:

- A: Indicates where depth is measured from when traced by GPR.
- B: Indicates where depth is measured from when traced by electromagnetic techniques (EM).
- C: Indicates where depth is measured from on drainage pipes by direct trace measure or from a manhole opening using a level or camera.

Utility Line Styles

- Orange line: Drainage Combined
- Blue line: Drainage Foot
- Green line: Drainage Surface
- Red line: Drainage Underfoot

FLOW DIRECTION DENOTED BY ARROW (L) OR (R) IF KNOWN

- Red line with arrow: Electric Cable
- Blue line with arrow: Electric LV
- Green line with arrow: Electric HV
- Black line with arrow: Earth Cable
- Black line: Gas
- Black line: Oil/Fuel Pipeline
- Black line: Telecoms
- Black line: Telecoms - BT
- Black line: Telecoms - Virgin Media
- Black line: Traffic Lights
- Blue line: Water
- Green line: Unidentified Utility
- Green line: Unidentified Cables
- Green line: Unidentified Duct
- Green line: Unidentified GPR Trace

Legend Symbols

- Red circle: GPR Area Anomaly
- Red circle with 'C': G/Need Combined
- Red circle with 'E': G/Need Electric
- Red circle with 'L': G/Need Lines
- Red circle with 'T': G/Need Telecom

General Survey Abbreviations

AV	Air Valve	KD	Kerb Outlet
AR	Assumed Route	LP	Lampost
BR	Box (General)	LT	Light
B/E	Box (Elec)	MH	Manhole
B/G	Box (Gas)	Mk	Marker
B/T	Box (Telecom)	POST	Post (General)
B/W	Box (Water)	PS	Post Box
BM	Benchmark	RE	Rodding Eye
BO	Bollard	RS	Road Sign
BS	Bus Stop	SK	Skylight
Bin	Bin	SV	Stop Valve
BT	Telecom Cover	TL	Traffic Light
CLTV	Air Valve	TR	Taken From Records
CL	Cover Level	TP	Telecom Pole
DK	Dropper	TV	Cable TV
DP	Downpipe	UTGA	Unable to Gain Access
D/S	Downpipe/Gully	UL	Unable to Locate
EC	Electric Cover	UTS	Unable to Survey
EOR	End of Records	UTT	Unable to Trace
EOS	End of Survey	WL	Water Level
ET	End of Trace	WS	Window Sample
EP	Electric Pole		
ER	Earth Rod		
FH	Fire Hydrant		
FL	Floor Level		
FP	Flag Pole		
GP	Gate Post		
G	Girder		
GU	Gully		
GV	Gas Valve		
HP	Hand Fire		
IBO	Illuminated Bollard		
IC	Inspection Cover		
IL	Invert Level		

Layout Key

CO-ORDINATES AND ELEVATIONS ARE SET BY GNSS AT STATION NS11.
CO-ORDINATES ARE TO OS NATIONAL GRID USING OSTN15 TRANSFORMATION.
ELEVATIONS ARE TO ORDNANCE DATUM USING OSGM15 GEOD MODEL.
THE REMAINDER OF THE SURVEY IS TO SCALE FACTOR PLANE GRID.

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 Accuracies are commensurate with the stated scale of the survey.

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Utility Survey

Scale	1:100	Date	03.10.18	Project No	
Client		Sheet No	01 of 01	Drawing No	E488-005
Drawn by		Scale		Scale	1/200