

NOTES

A variety of detection technologies were used to produce the underground information recorded for this non-invasive survey. Variations in ground conditions, depth and density of services and signal interference from surrounding features can affect the accuracy of these technologies, therefore 100% detection and accuracy cannot be guaranteed.

All utility/service depths are in metres and are taken to the top of utility/service unless otherwise stated.

All pipe/duct sizes are in millimetres unless otherwise stated.
Pipe sizes are shown from visual inspection or taken from statutory information.

Sewage system pipe sizes and depths are determined from ground level due to non-entry of inspection chambers.

Underground services shown on this drawing are illustrated by a single service line. This single service line may actually represent multiple cables and/or ducts.

An anomalous feature is an unidentified subsurface area evident within the radar data that differs in response to its surrounding area. Examples of anomalous features include voiding, heavily saturated ground, buried tanks and demolished building foundations.

Pulse Mapping has overlaid the results of this underground utility survey on to a topographical survey provided by the client. We cannot accept liability for any errors/inaccuracies contained within this topographical survey.

Availability of Statutory Records

Utility/Service Type	Record Provided	Record Owner
BT	Yes	Openreach
Electricity	Yes	SSE
Gas	Yes	SGN
Oil/Fuel	No	-
Sewer	Yes	Thames Water
Telecom	No	-
Water	Yes	Thames Water
Other	-	-

ABBREVIATIONS

AV	Air Valve	IL	Invert Level
BB	Belisha Beacon	IBD	Internal Back Drop
BCD	Bottom of Chamber Depth	LP	Lamp Post
BH	Borehole	MH	Manhole
BL	Basement Light	MKR	Marker
BM	Bench Mark	NVO	No Visible Outfall
BO	Bollard	P	Post
BS	Bus Stop	PB	Post Box
BT	British Telecom Cover	PE	Polyethylene
CAB	Cabinet	RE	Rodding Eye
CATV	Cable Television Cover	RG	Rain Gully
CCTV	Closed Circuit TV	RS	Road Sign
CI	Cast Iron	SI	Spun Iron
CL	Cover Level	SP	Sign Post
CP	Concrete (Pre-Cast)	ST	Steel
DI	Ductile Iron	STN	Survey Station
DIA	Diameter	SV	Stop Valve
DP	Down Pipe	SW	Surface Water
EJB	Electricity Junction Box	TCB	Telephone Call Box
EP	Electricity Pole	TCD	Top of Chamber Depth
ER	Earth Rod	TL	Traffic Light
FB	Flower Bed	TLCB	Traffic Light Control Box
FH	Fire Hydrant	TP	Telegraph Pole
FL	Flood Light	UTL	Unable To Lift
FW	Foul Water	VC	Vitrified Clay
FWP	Foul Water Pipe	VP	Vent Pipe
GM	Gas Meter	WLD	Water Level Depth
GP	Gas Pipe	WM	Water Meter
GV	Gas Valve	WSC	Water Stop Cock
IC	Inspection Cover	WSV	Water Stop Valve
ID	Invert Depth	WWO	Water Wash Out

LINE-TYPE KEY

- EL — Electricity
- SL — Street Lighting
- W — Water
- GAS — Gas
- BT — British Telecom
- TEL — Unknown Telecom
- VM — Virgin Media
- FO — Fibre Optic
- TS — Traffic Control Signalling
- CCTV — CCTV
- DUCT — Empty Duct
- EAR — Earth
- SW — Surface Water
- FW — Foul Water
- CS — Combined Sewer
- O/F — Oil/Fuel Pipe
- PIPE — Unknown Pipe
- CBL — Unknown Cable
- MET — Metallic Target
- GPR — Radar Target
- POS — Possible Target
- ASMD (Colour indicates service type) — Assumed
- STAT (Colour indicates service type) — Statutory Records
- Scan Area
- Unable to GPR Area
- Kerb
- Fence
- Wall
- Building
- Surface Scar
- Change of Surface
- Building
- Extents of Chamber
- GPR Detected Anomalous Area
- GPR Detected Reinforcing
- Radio Frequency Disturbance
- Electrical Interference

CLIENT:

SITE:

PROJECT REF:

DRAWN:	DATE: 13/06/19
CHECKED:	SHEET NO:
SCALE:	REV:

Pulse mapping

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