



**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.

All dimensions measured by tape at manholes and inspection covers are determined from ground level due to non-entry of chambers, therefore these should be treated as indicative only.

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.

Survey control is provided on an arbitrary grid and level.  
Accuracies: horizontal +/- 5mm, vertical +/- 10mm.  
All levels are based on T.B.M. situated on STN 01 at an arbitrary value of 10.00m.

Availability of Statutory Records		
Utility/Service Type	Record Provided	Record Owner
BT	Yes	Openreach
Electricity	Yes	Western Power
Gas	Yes	Cadent
Oil/Fuel	No	-
Sewer	Yes	Severn Trent
Telecom	Yes	Virgin Media
Water	Yes	Severn Trent
Other	-	-

ABBREVIATIONS			
AV	Air Valve	IL	Invert Level
BB	Belisha Beacon	IRS	Illuminated Road Sign
BCD	Bottom of Chamber Depth	LP	Lamp Post
BH	Bornhole	MH	Manhole
BL	Basement Light	MKR	Marker
BM	Bench Mark	MW	Monitoring Well
BO	Bollard	P	Post
BS	Bus Stop	PB	Post Box
BT	British Telecom Cover	PE	Polyethylene
CAB	Cabinet	RE	Roadside Eye
CATV	Cable Television Cover	RG	Rain Gully
CCTV	Closed Circuit TV	RS	Road Sign
CI	Cast Iron	SI	Span 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	Verified 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	EL	Electricity
SL	SL	Street Lighting
W	W	Water
GAS	GAS	Gas
BT	BT	British Telecom
TEL	TEL	Unknown Telecom
VM	VM	Virgin Media
FO	FO	Fibre Optic
TS	TS	Traffic Control Signalling
CCTV	CCTV	CCTV
DUCT	DUCT	Empty Duct
EAR	EAR	Earth
SW	SW	Surface Water
FW	FW	Foul Water
CS	CS	Combined Sewer
OFP	OFP	Oil/Fuel Pipe
PIPE	PIPE	Unknown Pipe
CBL	CBL	Unknown Cable
MET	MET	Metallic Target
RPT	RPT	Radar Target
PCS	PCS	Possible Target
ASMD	ASMD	Assumed
STAT	STAT	Statutory Records
[Colour indicates service type]		
Scan Area		Scan Area
Unable to GPR Area		Unable to GPR Area
Kerb		Kerb
Fence		Fence
Wall		Wall
Building		Building
Surface Scar		Surface Scar
Change of Surface		Change of Surface
Building		Building
Extents of Chamber		Extents of Chamber
GPR Detected Anomalous Area		GPR Detected Anomalous Area
GPR Detected Reinforcing		GPR Detected Reinforcing
Radio Frequency Disturbance		Radio Frequency Disturbance
Electrical Interference		Electrical Interference

CLIENT:

SITE:

PROJECT REF:

DRAWN: DATE: 24/01/20

CHECKED: SHEET NO:

SCALE: REV:

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