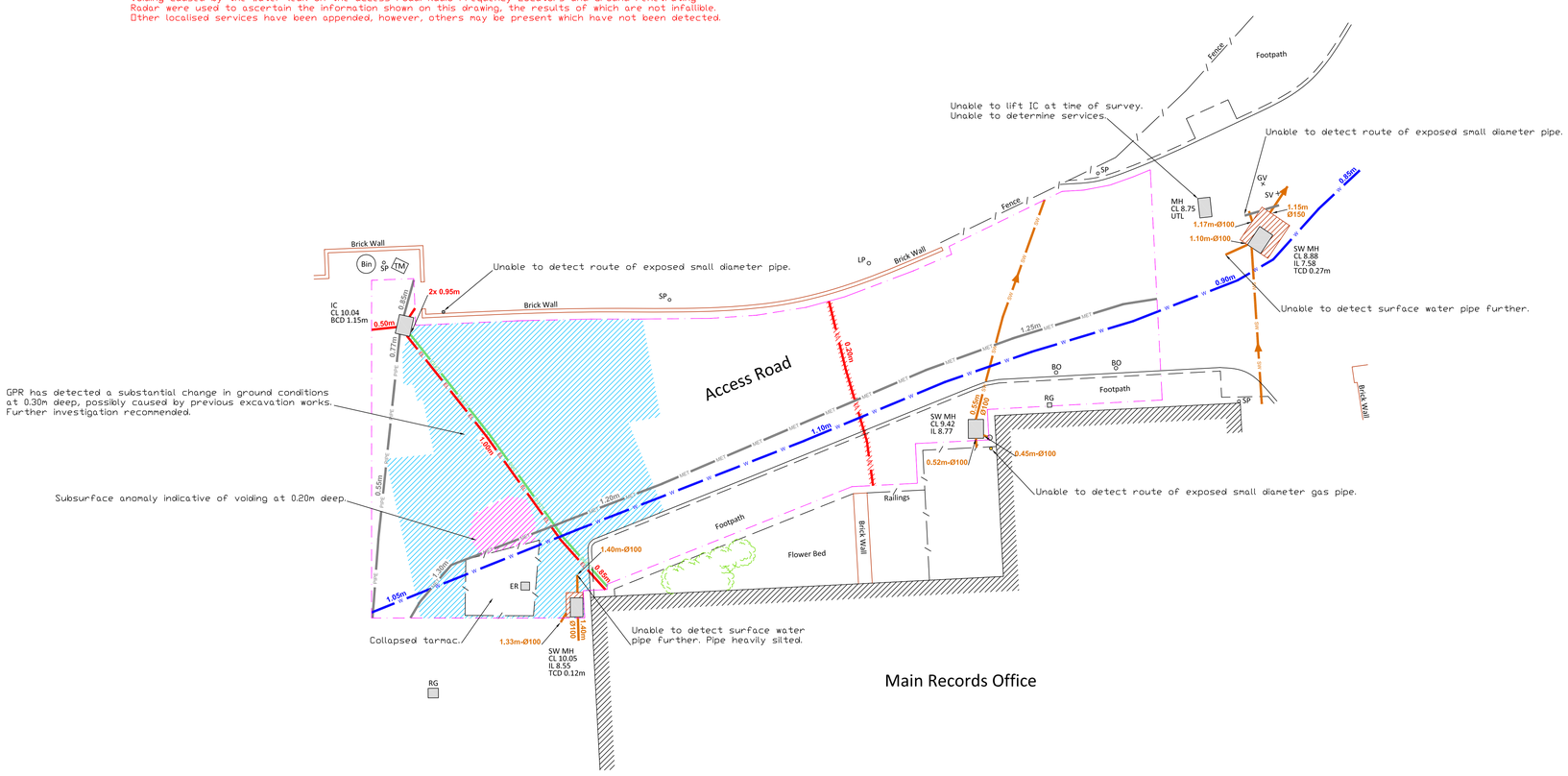
The purpose of the survey was to detect and map the position and depth of the water main and any voiding caused by the water leak on the access road. Radio Frequency Locators and Ground Penetrating Radar were used to ascertain the information shown on this drawing, the results of which are not infallible. Other localised services have been appended, however, others may be present which have not been detected.



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.

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	No	n/a
Electricity	No	n/a
Gas	No	n/a
Oil/Fuel	No	n/a
Sewer	No	n/a
Telecom	No	n/a
Water	No	n/a
Other	-	n/a

ABBREVIATIONS

AV	Air Valve	IL	Invert Level
BB	Belisha Beacon	IRS	Illuminated Road Sign
BCD	Bottom of Chamber Depth	LP	Lamp Post
BH	Borehole	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	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	TM	Ticket Machine
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
OF	Oil/Fuel Pipe
PIPE	Unknown Pipe
CBL	Unknown Cable
MET	Metallic Target
GPR	Radar Target
PCO	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 Anomalous Area - Indicative Of Voiding

CLIENT:

SITE:

PROJECT REF:

DRAWN:	DATE: 31/05/18
CHECKED:	SHEET NO:
SCALE:	REV:

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