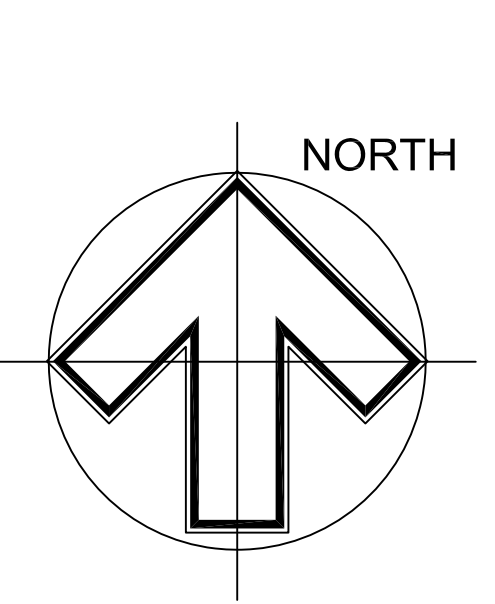




NOTES

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 300% 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-invasive 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.

The utility survey was carried out in accordance to PAS128:2014 Type B M2-M3. For quality levels please refer to the specification. All depths measured by tape at accessible chambers are to G.S.D.

Topographical survey control is to OSGB36 datum by GPS (as recorded at the time of acquisition) and the project related to North. All subsequent data acquired does not have a scale factor applied and therefore is based on a flat earth scenario.

Real Time Kinematic (RTK) accuracy: Horizontal 3mm + 1ppm, Vertical 3mm + 1ppm. Rapid Static accuracy: Horizontal 5mm + 1ppm, Vertical 10mm + 1ppm. All levels are based on T.M.M. situated on STN 03 at an GPS value of 83.176m.

Station Control Coordinate Table (OSGB36)			
Station	Easting	Northing	Height
01	532548.994	100007.355	83.178
02	532515.916	100017.077	83.015
03	532474.713	100005.481	81.320
04	532480.701	100007.125	81.402
05	532434.089	100005.320	81.921
R1	532480.791	100034.111	81.850

SHEET LAYOUT

ABBREVIATIONS

AV	Air Valve	IS	Invert Level
BB	Bellha Beacon	IRS	Illuminated Road Sign
BCD	Bottom of Chamber Depth	LP	Lamp Post
BT	Borehole	M	Manhole
BL	Basement Light	MKS	Marker
BM	Bench Mark	NVO	No Visible Outlet
BS	Bolt Stop	P	Post
BT	British Telecom Cover	PE	Polyethylene
CAB	Cable	PE	Polyethylene
CATV	Cable Television Cover	RS	Road Sign
CCTV	Closed Circuit TV	RS	Road Sign
CL	Cast Iron	SP	Sign Post
CL	Coast Level	ST	Street
CP	Concrete (Pre-Cast)	SV	Stop Valve
DA	Ductile Iron	SV	Stop Valve
DIA	Diameter	SV	Stop Valve
DP	Down Pipe	SV	Stop Valve
EB	Electricity Pole	TCD	Top of Chamber Depth
EP	Electricity Pole	TCD	Top of Chamber Depth
ER	Earth Road	TCD	Top of Chamber Depth
FB	Flow Back	TCD	Top of Chamber Depth
FL	Fire Hydrant	TL	Traffic Light
FL	Flood Light	TL	Traffic Light
FW	Foul Water	TL	Traffic Light
FWP	Foul Water Pipe	UL	Unable to Lift
GM	Gas Meter	UL	Unable to Lift
GP	Gas Pipe	UL	Unable to Lift
GV	Gas Valve	UL	Unable to Lift
IC	Inspection Cover	UL	Unable to Lift
ID	Invert Depth	UL	Unable to Lift

LINE TYPE KEY

Electricity	Electricity
Street Lighting	Street Lighting
Water	Water
Gas	Gas
British Telecom	British Telecom
Unknown Telecom	Unknown Telecom
Virgin Media	Virgin Media
Fibre Optic	Fibre Optic
Traffic Control Signalling	Traffic Control Signalling
CCTV	CCTV
Empty Duct	Empty Duct
Surface Water	Surface Water
Foul Water	Foul Water
Combined Sewer	Combined Sewer
Oil/Fuel Pipe	Oil/Fuel Pipe
Unknown Pipe	Unknown Pipe
Unknown Cable	Unknown Cable
Metallic Target	Metallic Target
Radar Target	Radar Target
Possible Target	Possible Target
Assumed	Assumed
Statutory Records	Statutory Records
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: 05/02/19
CHECKED:	SHEET NO:
SCALE:	REV:

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