

DISCLAIMER:

At GEO UK LTD we use skilled and experienced staff, modern up to date techniques and top of the range electromagnetic and radar technology to locate and trace sub-surface utilities. However the performance of the equipment employed in non-invasive surveys can be adversely affected by factors outside the control of GEO UK LTD..Therefore GEO UK LTD cannot guarantee that all utilities present on site have been located. It is the responsibility of the Client to consult regional authority records and undertake trial digs where appropriate.

Where similar services run in close proximity it may be impossible to separately trace individual services as the trace signal can experience interference. In such cases, services will be shown as a single, annotated line. The displayed depth will refer to the shallowest detected utility.

Successful tracing of non-conductive material may be limited. Drainage gulleys are dye tested where possible to prove connectivity but it is not always possible to introduce the sonde due to narrow pipe sizes and/or accumulated silt.

Depth information of underground services/features are generally accurate to within +/- 10% (i.e. a pipe at 2m deep may be accurate to +/-200mm) but this cannot be guaranteed. Depths shown usually refer to the top of the service. Gravity sewer and drain depths are usually to invert (base of drainage channel) unless otherwise stated.

Some above ground features may have been obscured at time of survey. It is not always possible to operate the Ground Penetrating Radar in areas including, but not limited to, dense vegetation, rubble, debris and/or rough/uneven ground.

Existing record information that was made available to GEO UK LTD by the Client or by the statutory utility provider should be regarded only as an indication and cannot be guaranteed.

Excavation in the vicinity of services shown should be carried out with due diligence (Ref. HSG47).

GEO1A



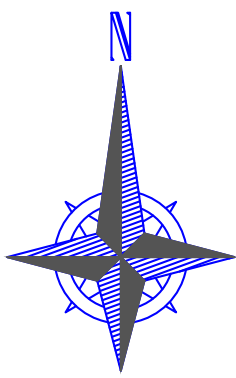
GEO1



SURVEY STATIONS			
Name	Easting	Northing	Height
GEO1	384960.547	398092.252	37.111
GEO1A	384973.210	398100.285	36.991

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PLAN GRID NORTH

File Name: G21208 - Store St Manchester Utility and Topographical Survey.dwg

LEGEND

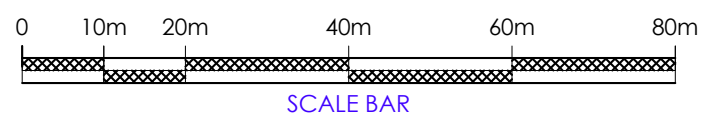
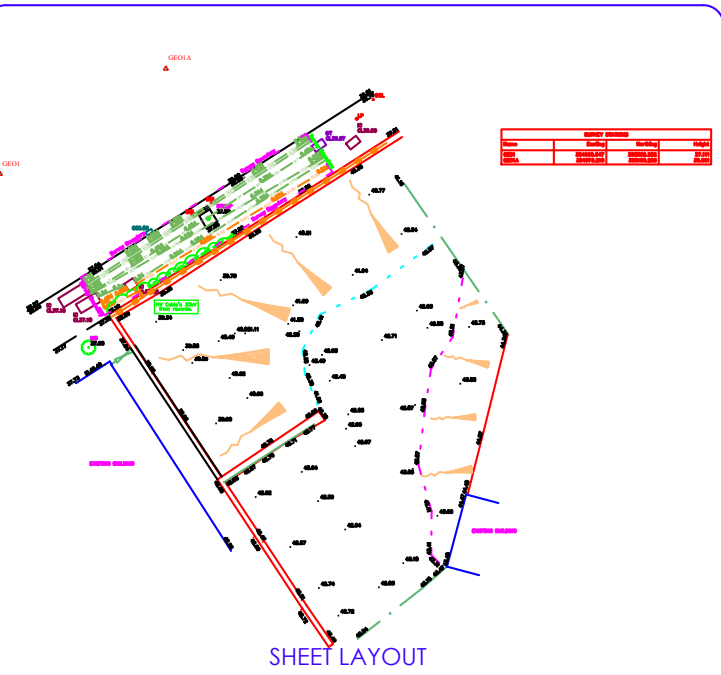
AV	AIR VALVE	BT	BT INSPECTION COVER	BT	CABLE DUCT
CB	CONTROL BOX	CB	CONTROL BOX	CB	CABLE TV
CCTV	CCTV CAMERA POST	CCTV	CCTV CAMERA POST	CCTV	CCTV
COM	COMMUNICATIONS COVER	COM	COMMUNICATIONS COVER	COM	TELECOMS
CP	CABLE TV COVER	CP	CABLE TV COVER	CP	EARTH ROD STRIP
DC	DRAINAGE CHANNEL	DC	DRAINAGE CHANNEL	DC	ELECTRIC
DP	DOWN PIPE	DP	DOWN PIPE	DP	FIBRE-OPTICS
DR	DRAIN	DR	DRAIN	DR	FUEL LINE
DI	ELEC INSPECTION COVER	DI	ELEC INSPECTION COVER	DI	FUEL LINE
ELB	ELECTRIC BOX	ELB	ELECTRIC BOX	ELB	MAINS GAS
ER	EARTH ROD	ER	EARTH ROD	ER	MAINS WATER
EP	ELECTRICITY POLE	EP	ELECTRICITY POLE	EP	SEWER CW
FL	FINISHED FLOOR LEVEL	FL	FINISHED FLOOR LEVEL	FL	SEWER FW
FN	FIRE HYDRANT	FN	FIRE HYDRANT	FN	SEWER SW
GL	GULLY	GL	GULLY	GL	TRAFFIC SIGNAL CABLE
GV	GAS VALVE	GV	GAS VALVE	GV	UNIDENTIFIED CABLE
GST	GAS TAP	GST	GAS TAP	GST	UNIDENTIFIED PIPE
IC	INSPECTION COVER	IC	INSPECTION COVER	IC	VEHICLE DETECTION CABLE
IL	INVERT LEVEL	IL	INVERT LEVEL	IL	SURVEY BOUNDARY
KO	KEB OUTLET	KO	KEB OUTLET	KO	
LP	LAMP POST	LP	LAMP POST	LP	
MH	MANHOLE	MH	MANHOLE	MH	
MP	MARSH	MP	MARSH	MP	
OP	OUTFALL	OP	OUTFALL	OP	
PI	PILON	PI	PILON	PI	
PP	PETROL PUMP	PP	PETROL PUMP	PP	
RE	ROOFING EYE	RE	ROOFING EYE	RE	
RWP	RAINWATER PIPE	RWP	RAINWATER PIPE	RWP	
SF	SOFTT LEVEL	SF	SOFTT LEVEL	SF	
SV	STOP VALVE	SV	STOP VALVE	SV	
TL	TRAFFIC LIGHT	TL	TRAFFIC LIGHT	TL	
TLB	TRAFFIC LIGHT BOX	TLB	TRAFFIC LIGHT BOX	TLB	
TP	TELEGRAPH POLE	TP	TELEGRAPH POLE	TP	
WM	WATER METER	WM	WATER METER	WM	
WO	WATER OUTLET	WO	WATER OUTLET	WO	
WST	WATER STOP TAP	WST	WATER STOP TAP	WST	
WSV	WATER STOP VALVE	WSV	WATER STOP VALVE	WSV	
EDT	END OF TRACE	EDT	END OF TRACE	EDT	
CSA	CUT OF SURVEY AREA	CSA	CUT OF SURVEY AREA	CSA	
UTL	UNABLE TO LOCATE	UTL	UNABLE TO LOCATE	UTL	
UTS	UNABLE TO SONDE	UTS	UNABLE TO SONDE	UTS	
UTT	UNABLE TO TRACE	UTT	UNABLE TO TRACE	UTT	
S/L	SIGNAL LOSS	S/L	SIGNAL LOSS	S/L	
BLK	BLOCKED	BLK	BLOCKED	BLK	
NFI	NO FURTHER GPR CONTACTS	NFI	NO FURTHER GPR CONTACTS	NFI	
BD	BLOCKED PIPE	BD	BLOCKED PIPE	BD	
HVP	NO VISIBLE PIPE	HVP	NO VISIBLE PIPE	HVP	
TAP	TOP OF PIPE	TAP	TOP OF PIPE	TAP	
L	EDT SYMBOL	L	EDT SYMBOL	L	

FROM STATUTORY AUTHORITY PLANS

NOTES:

All levels relate to O.S. (Newlyn) Datum, Established using network RTK. Survey plotted on a plane local grid, orientated to National Grid.

Services shown as 'From Statutory Authority Plans' line styles are taken from Statutory Records plans supplied by the relevant regional authority. These services were not located and are shown for indicative purposes only.



REV	DATE	DESCRIPTION



Client

Project Title
Utility Survey of Land at:
Store Street
Manchester

Surveyed R.B.	Drawn M.B.	Checked A.L.
Scale 1:100	Date JUL21	Drawing Ref. G21208
No. 01	Size A1	Rev --