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N

PLAN GRID NORTH

File Name: 521256-U-Manchester.dwg

LEGEND

AV	AIR VALVE	BT	BT - Verification
BT	BT INSPECTION COVER	CABLE DUCT	Duct - Verification
C	CATCH PIT / GULLY	CABLE DUCT STAT RECORD	Duct - Assumed route
CCTV	CCTV CAMERA POST	CABLE TV	CA - Verification
COM	COMMUNICATIONS COVER	CABLE TV STAT RECORD	CA - Assumed route
CP	CONTROL POST	CCTV	CCTV - Verification
DC	DRAINAGE CHANNEL	CCTV STAT RECORD	CCTV - Assumed route
DP	DOWN PIPE	ELECTRIC	EC - Verification
EB	ELEC. BOX	ELECTRIC STAT RECORD	EC - Assumed route
EIC	ELEC. INSPECTION COVER	TELECOMS STAT RECORD	TC - Verification
EM	ELEC. METER	EARTH ROD STAT RECORD	TC - Assumed route
ER	EARTH ROD	EARTHING	ER - Verification
EV	ELEC. VENT PIPE	ELECTRIC	ER - Assumed route
FF	FINISHED FLOOR LEVEL	ELECTRIC STAT RECORD	EC - Verification
FH	FIRE HYDRANT	FIBRE OPTICS	FO - Verification
G	GULLY	FIBRE OPTICS STAT RECORD	FO - Assumed route
GL1	GROUND LIGHT	FUEL LINE	FL - Verification
GST	GAS TAP	FUEL LINE STAT RECORD	FL - Assumed route
GV	GAS VALVE	GAS / GAS MAIN LINE	GM - Verification
IC	INSPECTION COVER	MAINS GAS	GM - Assumed route
IL	INVERT LEVEL	MAINS GAS STAT RECORD	GM - Verification
LC	LAMP COLUMN	MAINS WATER	WM - Verification
LP	LAMP POST	MAINS WATER STAT RECORD	WM - Assumed route
MH	MANHOLE	SEWER CW	SW - Verification
OP	OUTFALL PIPE	SEWER CW STAT RECORD	SW - Assumed route
OP	OUTFALL	SEWER FW	FW - Verification
P	PILLAR	SEWER FW STAT RECORD	FW - Assumed route
PP	PETROL PUMP	SEWER SW	SW - Verification
RG	RODDING EYE	SEWER SW STAT RECORD	SW - Assumed route
RWP	RAINWATER PIPE	TRAFFIC SIGNAL CABLE	TS - Verification
SOF	SOFFIT LEVEL	TRAFFIC SIGNALS	TS - Assumed route
TB	TELEPHONE BOX	UNIDENTIFIED DUCT	UD - Verification
TCB	TELEPHONE CALL BOX	UNIDENTIFIED CABLE	UD - Assumed route
TL	TRAFFIC LIGHT	UNIDENTIFIED PIPE	UP - Verification
TP	TELEPHONE POLE	UNIDENTIFIED CABLE	UP - Assumed route
TP	TELEGRAPH POLE	VDC STAT RECORD	
WV	WATER METER	SURVEY BOUNDARY	
WM	WATER VALVE	EXTENT OF SURVEY	
WST	WATER STOP TAP		
WT	WATER TANK / SILO		

QUALITY LEVEL

A = Verification

B1 = Horizontal/Vertical location using multiple techniques

B2 = Horizontal/Vertical location using a single technique

B3 = Horizontal location using a single technique

B4 = Assumed route

C = SUA Reconnaissance

D = Desktop utility records search

NOTES:

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

This Underground Utilities survey was conducted in compliance with the BSI PAS128:2014 standards.

Symbols beginning/say text indicating first an abbreviation of the services' function (eg. is = Electric Cable) followed by the Quality Level to which that service was recorded (eg. B4 = Assumed route).

Quality Level descriptions shown in the above legend are for reference purposes only and are abbreviated from standard descriptions.
For full information on Quality Levels please consult the BSI PAS128:2014 standards document.

Lines annotated as GPR indicate a series of consistent subsurface anomalies detected by the GPR survey which could not be attributed to any other Quality Level B2. The nature of these anomalies could not be determine by non-invasive means. GPR lines that were identifiable as a service are shown as their respective service.

DISCLAIMER:

At SEP 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 SEP. Therefore SEP 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 materials 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 3m deep may be accurate to +/-300mm) 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 SEP 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 allegience (Ref. HSG47).

SHEET LAYOUT

0 2m 4m 8m 12m 16m

SCALE BAR

REV	DATE	DESCRIPTION

SURVEY & ENGINEERING PROJECTS

Client
Kilhey Consultancy Limited
24 Ellis Road
Billinge
Wigan
WN5 7RT

Project Title
Utility Survey of Land at:
Our Ladys Roman Catholic High School
Alworth Road
Manchester
M9 0RP

Surveyed	Drawn	Checked
L Morris	C Holland	J Gardner

Scale	Date	Drawing Ref.	No.	Size	Rev
1:200	Feb 21	521256-U	1	A0	--