

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, unannotated 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 scribe due to narrow pipe size and/or accumulated silt.

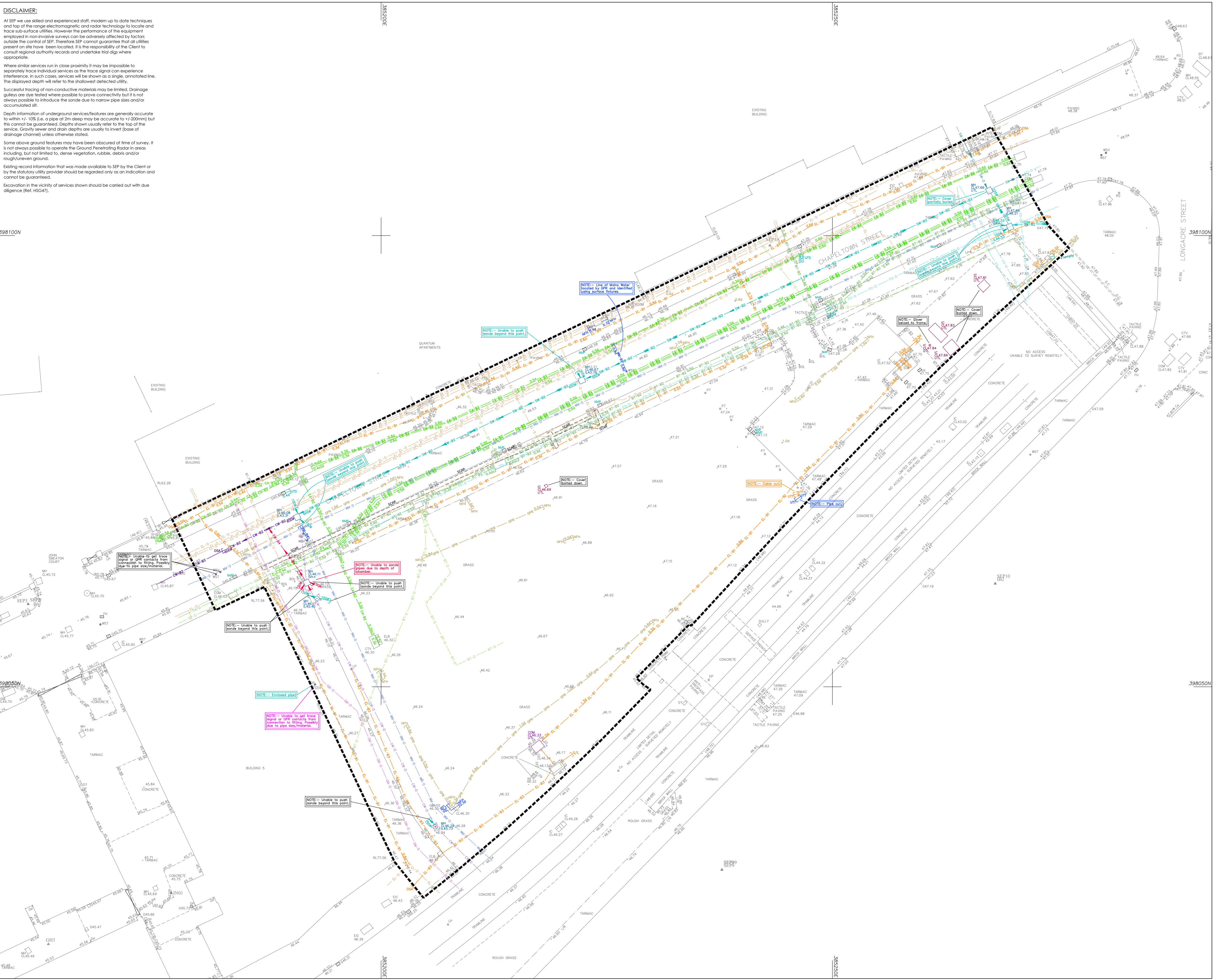
Depth information of underground services/features are generally accurate to within +/- 10% (i.e. a pipe at 2m deep may be accurate to +/-200mm) but this cannot be guaranteed. Depths shown usually refer to the top of the service. Gravity sewer and drain depths are usually to invert (base of drainage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

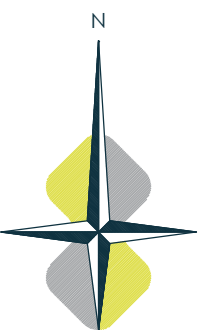
Existing record information that was made available to SEP by the Client or by the statutory utility provider should be regarded only as an indication and cannot be guaranteed.

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

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PLAN GRID NORTH

File Name: S21645-U.dwg

LEGEND

AV	AIR VALVE	BT	BT STAT RECORD	BT-A	BT-A
CB	CONTROL BOX	CA	CABLE DUCT	CA-A	CA-A
CC	CCCTV CAMERA POST	CC	CABLE TV STAT RECORD	CC-A	CC-A
CD	COMMUNICATIONS COVER	CC	CABLE TV COVER	CC-A	CC-A
CP	DOWN PIPE	CC	CABLE TV STAT RECORD	CC-A	CC-A
DC	DRAINAGE CHANNEL	CC	CABLE TV STAT RECORD	CC-A	CC-A
DE	DOWN PIPE	CC	CABLE TV STAT RECORD	CC-A	CC-A
DI	DOWN PIPE	CC	CABLE TV STAT RECORD	CC-A	CC-A
EL	ELECTRIC BOX	CC	CABLE TV STAT RECORD	CC-A	CC-A
ER	ELECTRIC INSPECTION COVER	CC	CABLE TV STAT RECORD	CC-A	CC-A
EP	ELECTRIC POLE	CC	CABLE TV STAT RECORD	CC-A	CC-A
FL	FINISHED FLOOR LEVEL	CC	CABLE TV STAT RECORD	CC-A	CC-A
FR	FIRE HYDRANT	CC	CABLE TV STAT RECORD	CC-A	CC-A
G	GULLY	CC	CABLE TV STAT RECORD	CC-A	CC-A
GL	GROUND LIGHT	CC	CABLE TV STAT RECORD	CC-A	CC-A
GS	GAS VALVE	CC	CABLE TV STAT RECORD	CC-A	CC-A
GSV	GAS VALVE	CC	CABLE TV STAT RECORD	CC-A	CC-A
I	INVERT LEVEL	CC	CABLE TV STAT RECORD	CC-A	CC-A
IO	INVERT OUTLET	CC	CABLE TV STAT RECORD	CC-A	CC-A
LP	LAMP POST	CC	CABLE TV STAT RECORD	CC-A	CC-A
M	MANHOLE	CC	CABLE TV STAT RECORD	CC-A	CC-A
MOR	MANHOLE	CC	CABLE TV STAT RECORD	CC-A	CC-A
MP	MANHOLE	CC	CABLE TV STAT RECORD	CC-A	CC-A
PP	PETROL PUMP	CC	CABLE TV STAT RECORD	CC-A	CC-A
RP	RANWATER PUMP	CC	CABLE TV STAT RECORD	CC-A	CC-A
SP	SOFTY LEVEL	CC	CABLE TV STAT RECORD	CC-A	CC-A
SV	STOP VALVE	CC	CABLE TV STAT RECORD	CC-A	CC-A
TCB	TELEPHONE CALL BOX	CC	CABLE TV STAT RECORD	CC-A	CC-A
TL	TRAFFIC LIGHT	CC	CABLE TV STAT RECORD	CC-A	CC-A
TLB	TELEPHONE LIGHT	CC	CABLE TV STAT RECORD	CC-A	CC-A
TM	TRAFFIC METER	CC	CABLE TV STAT RECORD	CC-A	CC-A
W	WATER STOP	CC	CABLE TV STAT RECORD	CC-A	CC-A
WS	WATER STOP	CC	CABLE TV STAT RECORD	CC-A	CC-A
WSV	WATER STOP VALVE	CC	CABLE TV STAT RECORD	CC-A	CC-A

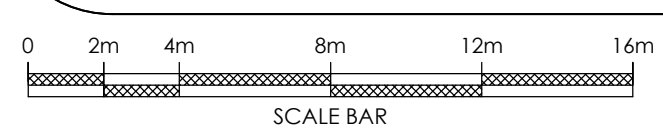
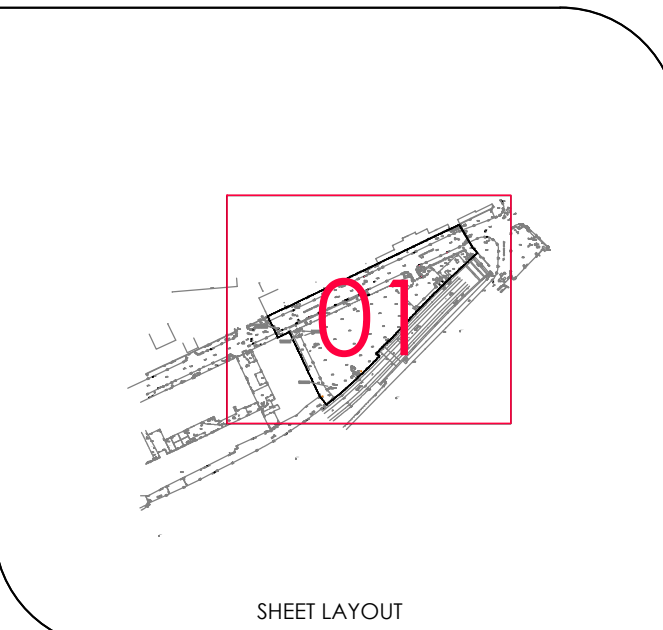
END	END OF TRACE	A	Assumed route
OSA	OUT OF SURVEY AREA	B	Horizontal/Vertical location using multiple techniques
UTL	UNABLE TO LOCATE	B1	Horizontal/Vertical location using multiple techniques
UTL	UNABLE TO LOCATE	B2	Horizontal/Vertical location using a single technique
UTL	UNABLE TO LOCATE	B3	Horizontal location using a single technique
UTL	UNABLE TO LOCATE	B4	Assumed route
UTL	UNABLE TO LOCATE	C	Site Reconnaissance
UTL	UNABLE TO LOCATE	D	Desktop utility records search

NOTES:
All levels relate to O.S. (Plethym) Datum. Established using network RTK. Survey plotted on a plane local grid, orientated to National Grid. Detail shown in grey taken from drawing reference: S21645-1_2D.dwg.

This Underground Utilities survey was conducted in compliance with the BS PAS128:2014 standards.
Services are displayed indicating first an abbreviation of the services' function (eg. EL = Electric Cable) followed by the Quality Level to which that service was located (eg. B4 = Assumed route).

Quality Level descriptions shown in the above legend are for reference purposes only and are not intended as detailed descriptions.
For full information on Quality Levels, please consult the BS PAS128:2014 standards document.

Lines annotated as GPR indicate a series of consistent subsurface anomalies located using the Ground Penetrating Radar and should be considered as Quality Level B2. The nature of these anomalies could not be determined by non-invasive means. GPR lines that were identifiable as a service are shown as their respective service.



REV	DATE	DESCRIPTION



Client
CINNS Limited
Alpha House
4 Creek Street
Stockport
Cheshire
SK3 8AB

Project Title
Utility Survey of Land At:
Chapeltown Street
Manchester
M1 2BJ

Surveyed C.Scouler	Drawn C.Scouler	Checked B.Brady
Scale 1:200	Date May 21	Drawing Ref. S21645-U
No. 01	Size A1	Rev --