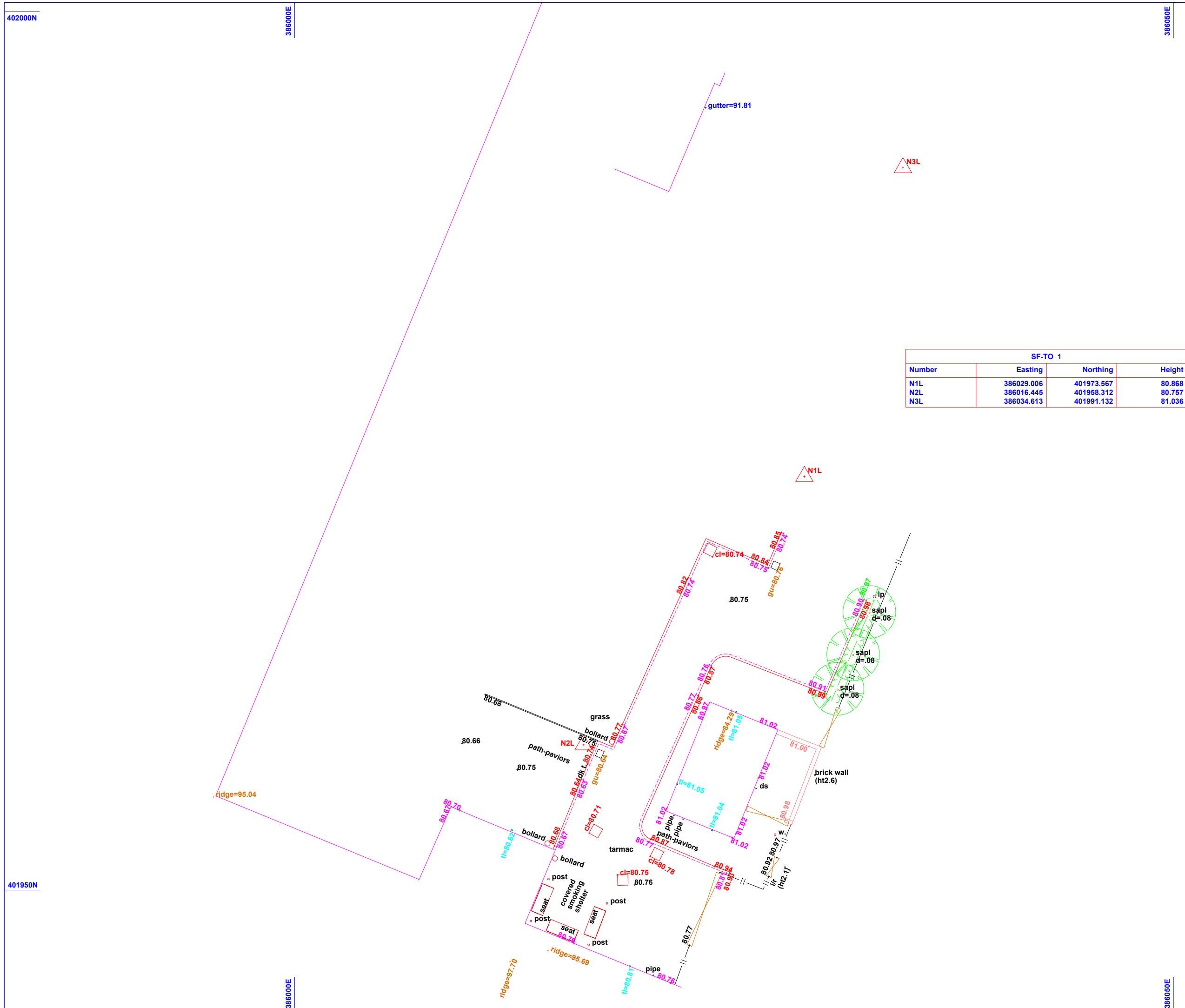




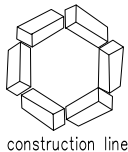
Site Surveying Services Ltd

Unit 9
Twin Brook Business Park
Twin Brook Road
Clitheroe BB7 1QX
Tel: 01200 438320

surveyors@sitesurvey.co.uk

Setting out & Control Surveys
Topographic & Volumetric Surveys
GPS Specialists using GPS post process to tie
in any site to OS without trig points or BM.

**Construction Line Registered.
TSA Member.**



Client / Location: Earth Environmental
Harpurhey College, Manchester

Revision: B
Revision Details:

All work to our standard terms
& conditions (see website for details)

To local grid based on
ostn15/osgm15
All work to sss specification,
some by gps
Contact us regarding details

Drawing Number: sss-9305

Drawn By: MK

Checked By: HW

Date: 08/07/2020

Scale: 1:200 @ A3

SF-TO 1			
Number	Easting	Northing	Height
N1L	386029.006	401973.567	80.868
N2L	386016.445	401958.312	80.757
N3L	386034.613	401991.132	81.036

401950N

38600E

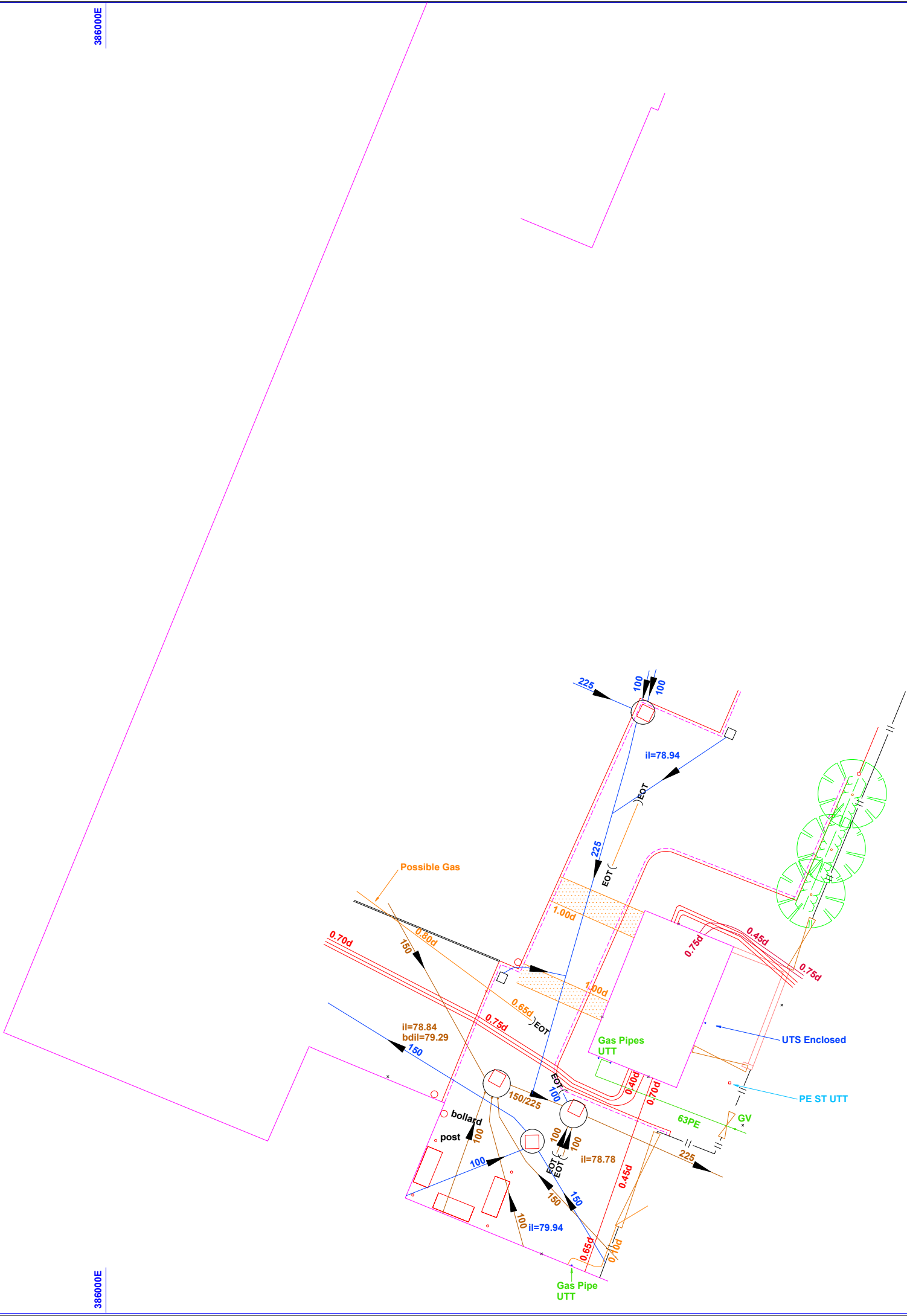
386050E

402000N

386000E

401950N

386000E



KEY FOR UNDERGROUND SERVICE

Foul/Combined water drain	
Foul/Combined drain 300mm and above	
Surface water drain	
Surface water drain 300mm and above	
End of trace	
Electric cables	
HV cables	
Gas	
Water	
Telephone	
Catv	
CCTV	
Comms	
Fibre Optics	
Pipe	
Vents	
Fuel	
Offsets	
Vapour Recovery	
Gauge Lines	
Unidentified GPR	
Unidentified EML	
Taken From Records	
Assumed Routes	
Empty Ducts	
Earth Rod	
Rising Main	
Overhead	
Heating Pipes	
Traffic Signals	

Where chamber extents are significantly greater than the cover size, their approximate extents are shown thus;



ABBREVIATION KEY

AR	assumed route
BD	base bend
BD	backdrop
CP	cable pl
CL	cable level
CR	cable riser
DP	down pipe
EOT	end of trace
EP	electricity pole
FH	fire hydrant
G	gully
GV	gas valve
HOR	head of run
HL	high level
IC	inspection chamber
IL	invert level
MH	manhole
PR	pipe riser
RE	rodding eye
RWP	rainwater pipe
SV	stop valve
SVP	soil vent pipe
TE	trapped exit
TFR	taken from records
TP	telegraph pole
UTF	unable to find
UTL	unable to lift
UTS	unable to survey
UTT	unable to trace
VP	vent pipe
WL	water level
WM	water meter
WO	wash out valve

UTILITY SURVEY NOTES

ELECTROMAGNETIC AND/OR GROUND PENETRATING RADAR TECHNIQUES HAVE BEEN USED TO LOCATE AND MAP UNDERGROUND UTILITIES AND FEATURES ON THIS DRAWING. AUL HAVE MADE EVERY ENDEAVOUR TO MAKE SURE THAT THE INFORMATION CONTAINED WITHIN THIS DRAWING IS ACCURATE AND OF THE HIGHEST QUALITY. HOWEVER, THE RESULTS FROM THESE TYPES OF SURVEYS ARE NOT INFALLIBLE AND SHOULD THE LOCATION OR DEPTH OF SERVICES/FEATURES BE OF PARTICULAR IMPORTANCE TO A PROJECT, THEN IT IS STRONGLY ADVISED THAT TRIAL EXCAVATIONS SHOULD BE UNDERTAKEN TO CONFIRM SURVEY RESULTS.

AUL HAVE USED ALL RECORD DRAWINGS THAT WERE AVAILABLE TO US BY THE CLIENT OR BY THE STATUTORY UTILITY PROVIDERS AT THE TIME OF THE SURVEY. ANY INFORMATION TAKEN FROM THESE DRAWINGS (IE PIPE SIZES, MATERIAL) IS NOT GUARANTEED. SERVICES LOCATED FROM RECORD DRAWINGS WILL BE SHOWN AND ANNOTATED AS TAKEN FROM RECORDS (TFR). HISTORIC RECORD INFORMATION IS OFTEN INCOMPLETE/INACCURATE AND CANNOT BE RELIED UPON.

A SINGLE LINE INDICATING A UTILITY MAY INDICATE THE PRESENCE OF MULTIPLE SERVICES WITHIN CLOSE PROXIMITY TO EACH OTHER. WHERE A SINGLE LINE TYPE IS SHOWN WE RECOMMEND HAND DIGGING WITHIN 0.5m, TO EXPOSE HIDDEN SERVICES.

WHERE QUOTED, DEPTH INFORMATION OF UNDERGROUND SERVICES/FEATURES IS STATED, DEPTHS ARE GENERALLY WITHIN +/- 10% ACCURATE, BUT CANNOT BE GUARANTEED. ANY DEPTHS SHOWN ARE USUALLY TO THE TOP OF THE SERVICE/FEATURE. GRAVITY SEWERS AND DRAINS ARE USUALLY TO INVERT (BASE OF DRAINAGE CHANNEL) UNLESS OTHERWISE STATED.

AT AUL WE USE SKILLED STAFF AND MODERN CALIBRATED EQUIPMENT TO PERFORM OUR SURVEYS. HOWEVER, THE COMPLETENESS OF ANY UNDERGROUND SURVEY CANNOT BE 100% GUARANTEED AND WE CANNOT BE HELD RESPONSIBLE FOR ANY INACCURACIES BEYOND THOSE THAT COULD BE REASONABLY EXPECTED BY A COMPETENT COMPANY.

CONTRACTORS UTILISING OUR DRAWINGS FOR INTRUSIVE WORK SHOULD TAKE ALL REASONABLE MEASURES TO WORK SAFELY IN ACCORDANCE WITH HSG47 GUIDELINES "AVOIDING DANGER FROM UNDERGROUND SERVICES".

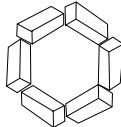
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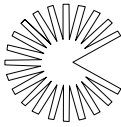
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TSA Member.



construction line



THE
SURVEY
ASSOCIATION



Client / Location: Earth Environmental
Harpurhey College, Manchester

Revision: A
Revision Details: UTILITIES

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