



Legend

Topographical Linetypes:

- Road
- Drop Kerb
- Steps
- Building Line
- Barrier
- Channel
- Concrete
- Chain Fence
- Metal Fence
- Post & Wire Fence
- Wooden Fence
- Top of Bank
- Bottom of Bank
- Tree Canopy Line
- Verge Line
- Wall
- Footpath

Underground Utility Linetypes:

- E Electric
- GAS Gas
- W Water
- CATV Cable TV
- CATVTR Cable TV TFR
- CCTV Closed Circuit TV
- BT British Telecom
- BTTRF British Telecom TFR
- EMPTY Empty Ducting
- UMK Unknown Metallic Utility
- GPR GPR Anomaly Possible Utility
- COM Communications
- FWD Foul Water Drainage Route
- SWD Surface Water Drainage Route
- CSDR Combined Service Drainage Route
- URD Unknown Drainage Route
- Field Drain
- Acid Drain
- E-TFR Electric - Taken from Records
- E-AR Assumed Electric
- OH E Electric Overhead
- OH BT BT Overhead
- MSR Multi Service Route
- MSR Multi Service Trench
- W-TFR Water - Taken from Records
- W-AR Assumed Water
- GAS-AR Assumed Gas
- GAS-TFR Gas - Taken from Records
- Survey Extents

BSI 128:2014
Specification for underground utility detection, verification and location

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PAS 128 DETECTION LEVELS

L1 15% of depth or 0.15 m (whichever is greater), detected by 2 techniques
 L2 25% of depth or 0.25 m (whichever is greater), detected by 2 techniques
 L3 Detection successful but no depth/horizontal data
 L4 Detection unsuccessful - Record Assumed from Visual Apparatus
 L5 Information Taken from Records
 Note: (P) Post for wireless GPR post processing

Symbols

CTP Telegraph Pole	Gate
LP Lamp Post	MH1 CL 100,000 Manhole
EP Electric Post	IC CL 100,000 Inspection Chamber
TL Traffic Light	CATV CL 100,000 Cable TV Chamber
FL Floodlight	BT CL 100,000 BT Chamber
CTV Cable TV IC	RC CL 100,000 Road Gully
SC Stop Cock	SV CL 100,000 Stop Valve
GV Gas Valve	WM CL 100,000 Water Meter
BOL Bolt	AV CL 100,000 Air Valve
2,345 Spot Level	WO CL 100,000 Wash Out
Post Post	FR CL 100,000 Fire Hydrant
GUL Gully	CAB CL 100,000 Gas Valve Cabinet
ER Earth Rod	LB CL 100,000 Electric Link Box
GR Gas Riser	MH2 CL 100,000 Circular Manhole
RWP Rain Water Pipe	MH3 CL 100,000 Triangular Manhole
RS Road Sign	Station
SVP Soil Vent Pipe	Control Details
RE Rodding Eye	Tree
BLOCKED Blockage Encountered with Sonde	EOS End of Signal
UTT Unable To Trace	UTS Unable To Survey
UTL Unable To Locate	UTR Unable To Raise

Approximate National Grid North
OSGB and OADN based upon the Transverse Mercator system

360 THREE SIXTY GROUP
THE TOWN HALL HIGH STREET EAST, WALLSEND, TYNE AND WEAR NE28 2AT

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Topographical Survey 2D

1:200 @ A0	09.04.21	OSTN15
DL/JE	DL	PH
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FOOTPATH & CHANNEL ADJACENT TO SITE SURVEYED			
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