LEGEND

Utility Survey Point Features

- AV Air Valve
- BB Belisha Beacon
- CP CCTV Camera Pole
- CR Cable Riser
- DP Down Pipe
- DPG Down Pipe To Ground
- EP Electrical Pole
- ER Earth Rod
- FH Fire Hydrant
- GM Gas Meter
- GV Gas Valve
- G Gully
- Gully Round
- IC IC
- ICC IC - Comms
- ICE IC - Electric
- ICR IC - Round
- ICT IC - Telecom
- ICTC IC - TCSU/TFL
- ICTV IC - CATV
- LP Lamp Post
- MH MH
- MH MH - District Heat
- MH MH - Foul
- MH MH - Round
- MH MH - Surface Water
- MK 12.24 Marker Post
- PR Pipe Riser
- RL Recessed Light
- RE Rodding Eye
- SC Stop Cock
- TL Traffic Light
- TP Telegraph Pole
- V Valve General
- WM Water Meter
- WV Water Valve

Utility Survey Linework Features

Communications
- BT British Telecom
- CATV Cable TV
- CCTV Closed Circuit TV
- COMMS Communications
- FOL Fibre Optic Line
- FOLC Fibre Optic Line - Colt
- FOLE Fibre Optic Line - Energis
- FOLF Fibre Optic Line - Fibernet
- FOLL Fibre Optic Line - Level 3
- FOLM Fibre Optic Line - Mercury
- FOLMF Fibre Optic Line - MFSC
- FOLT Fibre Optic Line - Tanet
- FOLV Fibre Optic Line - Virgin
- FOLVF Fibre Optic Line - Vodafone
- FOLVN Fibre Optic Line - Verizon
- FOLW Fibre Optic Line - WCOM
- TS Telecom Service

Drainage
- CW Combined Water
- FW Foul Water
- SW Surface Water
- RM Rising Main

Water
- FRW Fire Water
- WM Water Main
- WS Water Service

Electrical
- E Electrical Service
- EE Electrical Earth
- P Electrical Pilot Cable

Electrical
- EHV Electrical - Extra High Voltage
- HV Electrical - High Voltage
- LV Electrical - Low Voltage
- TFL Electrical - TFL
- SL Street Lighting
- TCSU Traffic Control System Unit

Gas
- G Gas Service
- GLP Gas Low Pressure
- GIP Gas Intermediate Pressure
- GMP Gas Medium Pressure
- GHP Gas High Pressure

GPR + Unknown
- ED Empty Duct
- GPR GPR Anomaly
- UA Unknown Asset
- UAPS UA Passive Sweep
- UCL Unknown Cable
- GPR Slab
- GPR Survey Area
- GPR buried structure
- GPR Reinforced Slab
- GPR interface layer (change in material)

Other
- DH District Heat
- FU Fuel Pipe
- XX Deconmissioned/Abandoned
- Manhole Chamber
- Manhole ID
- PEO Pot End
- Scope of Works

PAS128 Quality Levels

(Consult document 'PAS128:2014.pdf for full details)

- XX - A Quality Level A
- XX - B1 Quality Level B1
- XX - B1P Quality Level B1P
- XX - B2 Quality Level B2
- XX - B2P Quality Level B2P
- XX - B3 Quality Level B3
- XX - B3P Quality Level B3P
- XX - B4 Quality Level B4
- XX - C Quality Level C
- XX - D Quality Level D

Special Survey Features

ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ Survey Station

ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ Scan Target

Utility Survey Abbreviations

AB	Abandoned	MH	Manhole
AR	Assumed Route	OE	Overhead Electric
BI	Illuminated Bollard	OT	Overhead Telecom
CL	Cover Level	SOF	Soffit Level
CPD	Capped	TFR	Taken From Records
CUT	Disconnected Utility	TVM	Ticket Vending Machine
EOG	End of GPR Signal	UTO	Unable to Open
EOT	End of Trace	UTS	Unable to Survey
IC	Inspection Cover	UKN	Unknown
IL	Invert Level	WL	Water Level
CSER	Confined Space Entry Required	XXd	Service Depth

Utility Material Abbreviations

AC	Asbestos Cement	CO	Concret	SI	Spun Iron
BC	Brick Chamber	DI	Ductile Iro	ST	Steel
CI	Cast Iron	PE	Polyethylene	WTR	Water

Level Measured For Ducts/Pipes At Pits Is To Top of The Service: 0.80d

Level Measured For Drainage At Pits Is To Invert Level Of The Service: 0.80d

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Location Plan

1	2
3	4
5	

Revisions

Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	LL - 23/06/23	BK - 04/07/23	DS - 04/07/23

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Client	LNT Construction Ltd
Project	The Towers, Clacton Road, Weeley Heath CO16 -Utilities and CCTV surveys
Site Address	Clacton Road, Clacton-on-Sea, CO16 9EF
Description	Underground Utility Survey(PAS128)
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band E
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Drawing Number	MGS53500-U-AII-03

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