

LEGEND

Utility Survey Point Features

AV Air Valve	IC IC	MRH MH - Round
BB Bellisha Beacon	IC IC	MH MH - Surface Water
CP CCTV Camera Pole	IC IC - Comms	MK Marker Post
CR Cable Riser	IC IC - Electric	12.24 Pipe Riser
DP Down Pipe	IC IC - Round	RE Recessed Light
DPG Down Pipe To Ground	IC IC - Telecom	RE Rodding Eye
EP Electrical Pole	IC IC - TCSUTFL	SC Stop Cock
ER Earth Rod	IC IC - CATV	TL Traffic Light
FP Fire Hydrant	LP Lamp Post	TP Telegraph Pole
GM Gas Meter	MH MH	V Valve General
GV Gas Valve	MH MH - District Heat	WM Water Meter
G Gully	MH MH - Foul	WV Water Valve

Utility Survey Linework Features

BT British Telecom	EHV Electrical - Extra High Voltage
CATV Cable TV	EHV Electrical - High Voltage
CCCTV Closed Circuit TV	ELV Electrical - Low Voltage
COMMS Communications	ELV Electrical - TL
FOL Fibre Optic Line	SL Street Lighting
FOLC Fibre Optic Line - Cot	TCSU Traffic Control System Unit
FOLE Fibre Optic Line - Energis	Gas
FOLF Fibre Optic Line - Fibernet	G Gas Service
FOLL Fibre Optic Line - Level 3	GLP Gas Low Pressure
FOLM Fibre Optic Line - Mercury	GIP Gas Intermediate Pressure
FOLMF Fibre Optic Line - MFSC	GMP Gas Medium Pressure
FOLT Fibre Optic Line - Tanet	GHP Gas High Pressure
FOLV Fibre Optic Line - Virgin	GR+ Gas Unknown
FOLVF Fibre Optic Line - Vodafone	ED Empty Duct
FOLVN Fibre Optic Line - Verizon	GR Anomaly
FOLW Fibre Optic Line - WCOM	UA Unknown Asset
TS Telecom Service	UAAPS 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 Decommissioned/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 - B3 - Quality Level B3
XX - B1 - Quality Level B1	XX - B3P - Quality Level B3P
XX - B1P - Quality Level B1P	XX - B4 - Quality Level B4
XX - B2 - Quality Level B2	XX - C - Quality Level C
XX - B2P - Quality Level B2P	XX - D - Quality Level D

Special Survey Features

E-XXXX-XXX	E-XXXX-XXX
ID N-YYYY.YYYY Survey Station	ID N-YYYY.YYYY Scan Target
HZZZ.ZZZ	HZZZ.ZZZ

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
EDG End of GPR Signal	UTO Unable to Open
EOT End of Tape	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 Concrete	SI Spun Iron
BC Brick Chamber	DI Ductile Iro	ST Steel
CI Cast Iron	PE Polyethylene	WTR Water

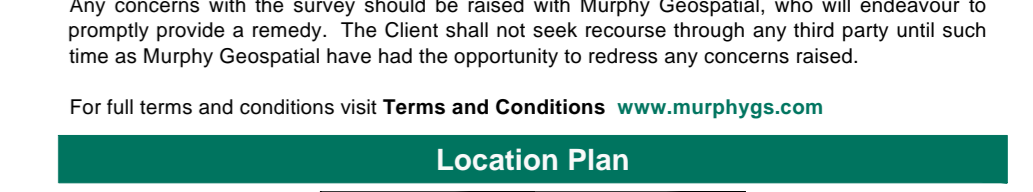
Level Measured For Ducts/Pipes At Pits Is To Top of The Service	Level Measured For Drainage At Pits Is To Invert Level Of The Service
0.80d	0.80d

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All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been obscured due to a lack of access, the areas will be annotated as 'UTS (Unable To Survey)'. The Company shall not be liable for any damage or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

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Revisions

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

PLEASE NOTE:
Topographical plan and Utility assets records supplied by client.



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Client	LNT Construction Ltd
Project	The Towers, Clacton Road, Weeley Heath CO16 4J 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
Drawing Scale	1:100 @A0
Drawing Number	MGS53500-U-A11-04