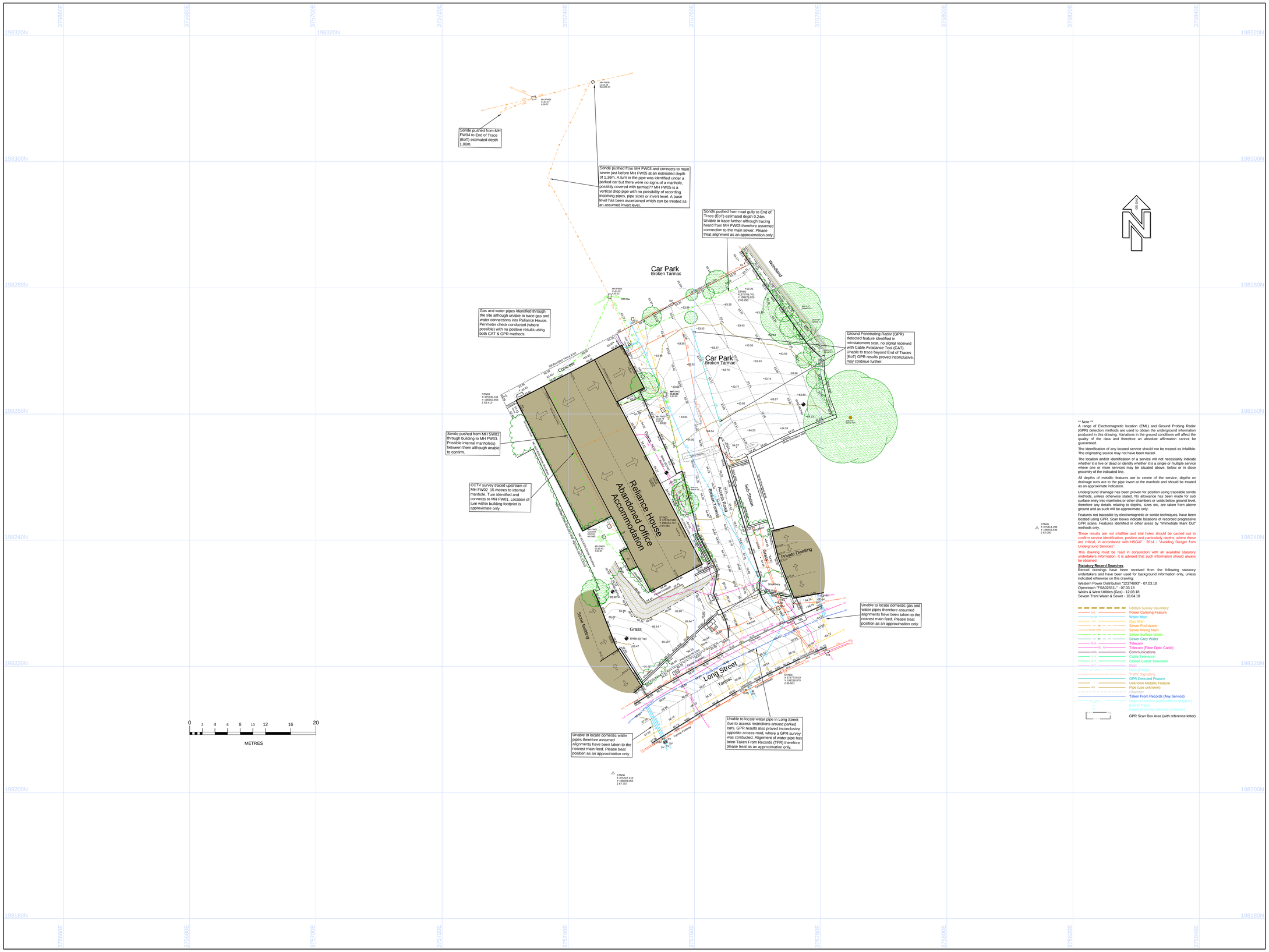

** Note **

A range of Electromagnetic location (EML) and Ground Probing Radar (GPR) detection methods are used to obtain the underground information produced in this drawing. Variations in the ground conditions will affect the quality of the data and therefore an absolute affirmation cannot be guaranteed.

The identification of any located service should not be treated as infallible. The originating source may not have been traced.

The location and/or identification of a service will not necessarily indicate whether it is live or dead or identify whether it is a single or multiple service where one or more services may be situated above, below or in close proximity of the indicated line.

All depths of metallic features are to centre of the service, depths on drainage runs are to the pipe invert at the manhole and should be treated as an approximate indication.

Underground drainage has been proven for position using traceable sonde methods, unless otherwise stated. No allowance has been made for sub surface entry into manholes or other chambers or voids below ground level, therefore any details relating to depths, sizes etc, are taken from above ground and as such will be approximate only.

Features not traceable by electromagnetic or sonde techniques, have been located using GPR. Scan boxes indicate locations of recorded progressive GPR scans. Features identified in other areas by "Immediate Mark Out" methods only.

These results are not infallible and trial holes should be carried out to confirm service identification, position and particularly depths, where these are critical, in accordance with HSG47 : 2014 - "Avoiding Danger from Underground Services".

This drawing must be read in conjunction with all available statutory undertakers information. It is advised that such information should always be obtained.

Statutory Record Searches

Record drawings have been received from the following statutory undertakers and have been used for background information only, unless indicated otherwise on this drawing:

Western Power Distribution "12374893" - 07.03.18
Openreach "FSA025511" - 07.03.18
Wales & West Utilities (Gas) - 12.03.18
Severn Trent Water & Sewer - 10.04.18

Utilities Survey Boundary
Power Carrying Feature
Water Main
Gas Main
Sewer Foul Water
Sewer Rising Main
Sewer Surface Water
Sewer Grey Water
Telecom
Telecom (Fibre Optic Cable)
Communications
Cable Television
Closed Circuit Television
Duct
Duct (Empty)
Traffic Signalling
GPR Detected Feature
Unknown Metallic Feature
Pipe (use unknown)
Chamber
Taken From Records (Any Service)
Depth to service (applicable to all types)
End of Trace
Extent of survey (service continues)
GPR Scan Box Area (with reference letter)

Notes

1. Surveyed April 2018.
2. Survey related to Ordnance Survey "OS Net" at control point STN03, using realtime correction received via Trimble Navigations "VRS Now" service. Survey plotted to flat plane metric grid with no local scale factor applied, i.e. LSF 1.00.
3. Levels related to GPS Orthometric height, converted to MSL (Newlyn) by OSGM02.

Control

STN	East	North	Level	Type
STN01	375730.101	198262.855	63.413	Nail
STN02	375766.925	198279.925	63.293	Nail
STN03	375762.548	198243.737	64.481	Nail
STN04	375773.619	198218.970	65.501	Nail
STN05	375814.298	198241.936	62.000	Nail
STN06	375747.110	198203.055	67.707	Nail

General

- Every effort is made to identify all visible above ground features. However, it should be borne in mind that at the time of survey, some surface features may have been obscured.
- Visible features in the vicinity of the site extents, as detailed on this survey, may not represent the legally conveyed ownership boundaries.

Legend

Top / Bottom of Bank
Building / Overhead Canopy
Wall
Solid Surface Feature / Road Edge
Hard / Soft Surface Change
Kerb / Dropped Kerb
Combined Kerb & Drainage System
Drainage Channel
Road Traffic Sensors
Fence Line -

BW	Barbed Wire	HR	Hand Rail	PR	Post & Rail
CB	Close Boarded	IR	Iron Railings	SB	Safety Barrier
CL	Chain Link	OB	Open Boarded	SF	Security Fence
CLL	Chain Link	OB	Open Boarded	TF	Temporary Fence
CP	Concrete Panel	PA	Paling Fence	WM	Wire Mesh
ED	Dilapidated	PC	Post & Chain		

Hedge Line
Tree / Scrub Canopy Line
O/H Telephone / Electric Cable(s)
Rock Face
Pipe Line (Above Ground)

Bush
Tree-Deciduous
Tree-Evergreen

TP 21.5	Trial Pit (with level)		Survey Station		Gate
BH 21.5	Borehole (with level)	SL 21.5	Spot Level		Level Datum
			Woodland Area (Deciduous)		Woodland Area (Coniferous)

Electric Pylon
Marsh Land

Feature Abbreviations

ACU	Air Conditioning Unit	FH	Fire Hydrant	NP	Name Plate	SVP	Soil Vent Pipe
BB	Billiards Beacon	FP	Fence Post	PB	Post Box	SwP	Sand Pipe
BO	Bollard	FL	Flood Light	PM	Parking Meter	TCB	Telecom Box
BOLL	Bollard (Lit)	G	Gully (with Level)	RBB	Rodent Bait Box	TEL	Telecom's Cover
BP	Boundary Post	GP	Gate Post	RE	Rodding Eye	TL	Traffic Light
CAT	Cat Ladder	GT	Guy Telephone	RG	Railway Gate	TP	Telephone Pole
CATV	Cable TV Cover	KO	Kerb Offset	RSL	Road Sign (Lit)	TS	Traffic Signal Cover
CCTV	Close Circuit TV	LB	Lighting Beacon	RWP	Rain Water Pipe	VP	Vent Pipe
COL	Column	LBIN	Litter Bin	SMI	Sensor	WM	Water Meter
CP	Concrete Post	LP	Lamp Post	SP	Sign Post	WO	Wash Out
DM	Dwarf Marker	LV	Level Valve	SPL	Street Light (Lit)	WP	Water Point
EL	Electric Cover	MH	Manhole	SPOT	Speed Camera	UCY	Unknown Cover
EP	Electricity Pole	MP	Marker Post	STAY	Cable Stay	UTL	Unable to Lift
ER	Earth Rod	MBP	Metal Post	SV	Stop Valve	Ø	Diameter

Description Abbreviations

Asmd Rt	Assumed Route	Flw Bd	Flower Bed			OH	Overhead
BkDrp	Back Drop	FW	Foul Water			OSBM	Ordnance Survey Bench Mark
Bk	Brick	GTrp	Grease Trap				Bottom of Wall
BlkSKb	Black Stop Kerb	Gr	Grass			Rd/Wall	Road Edge
Bldg	Building	Hg	Hedge			Rd Edg	Road Edge
CDHK3S	Combined Drainage & Kerb System	Intcptr	Interceptor			Spd Rtr	Speed Retarder
		Lvl	Level			St	Stone
Conc	Concrete	m	Metres			STN	Station
Cnr	Corner	MHs	Manholes			Tap	Tap/Stop Water
DrpKB	Drop Kerb	MSL	Mean Sea Level			Tac	Tactile Paving
Drn Chnl	Drainage Channel	No.	Number			Tmc	Tarmac

Level Prefix

B	Bolt Level	Rb	Rail / Bridge Level	ToS	Top of Stem Level
CL	Cover Level	Sf	Soffit Level	ToW	Top of Wall Level
FL	Floor Level	Sp	Spot Level	Tr	Trench Level
KL	Kerb Level	Tb	Threshold Level	Wk	Walk Level (no Jiute & Tree)
PL	Pipe Level	Tc	Top of Chamber Level		
TpL	Parapet Level	ToP	Top of Pipe Level		

FFL	Finished Floor Level	1st.FFL	1st Finished Floor Level

Digital File	4366_10_2D.dwg	Original Size	A0

No.	Description	Date	Signed

Revisions

Drawing Status: FINAL

Surveyed	Date	Scale
C.S.	19.04.18	1:200
Drawn	**Sheet**	**Approved**
C.S.	1 of 1	

Client: Dursley Town Council

Title: Topographical & Utilities Survey

Project: Reliance House
Long Street
Dursley, Gloucestershire

Drawing No. 4366/10/001 Rev. -

Clugston

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