OS NORTH

Topographical Abbreviations

A/R	Assumed Route	MKR	Marker
BH	Borehole	MT	Mercury Telecom Cover
BOL	Bollard	OHC	Overhead Cable
BT	British Telecom Cover	OHP	Overhead Pipe
BW	Barbed Wire Fence	OSBM	Ordnance Survey Bench Mark
BWK	Brickwork	PB	Post Box
CATV	Cable TV Cover	PGM	Permanent Ground Marker
CB	Close Boarded Fence	PR	Post & Rail Fence
CCTV	Closed Circuit TV	PW	Post & Wire Fence
CHLK	Chainlink Fence	PWM	Post & Wire Mesh Fence
CHPL	Chestnut Paling Fence	RE	Rodding Eye
CL	Cover Level	RG	Road Gully
CM	Cable Marker	RN	Road Name
CP	Catch Pit	RS	Road Sign
CPL	Catch Pit Base Level	RW	Retaining Wall
DIA	Diameter (Tree Bole)	RWP	Rain Water Pipe
DK	Drop Kerb	SAP	Sapling
DP	Down Pipe	SC	Stop Cock
EJB	Electricity Junction Box	SPR	Spread (Tree Canopy Radius)
EC	Electricity Cover	STA	Traverse Station
EP	Electricity Pole	SV	Stop Valve
ER	Earthing Rod	SVP	Soil Vent Pipe
FH	Fire Hydrant	SW	Storm Water
FIG	Feed Into Ground	TB	Telephone Box
FW	Foul Water	TBM	Temporary Bench Mark
GU	Gully	TFR	Taken From Records
GV	Gas Valve	TJB	Telephone Junction Box
H	Height	TPT	Trial Pit
IC	Inspection Cover	TL	Traffic Light
IL	Invert Level	TP	Telephone Pole
IR	Iron Railing Fence	UTL	Unable To Lift
KO	Kerb Outlet	UTT	Unable To Trace
LB	Litter Bin	VP	Vent Pipe
LC	Lamp Column	WKH	Water Key Hole
LP	Lamp Post	WM	Water Meter
MH	Manhole	WV	Water Valve

Electromagnetic and/or Ground Penetrating Radar techniques have been used to locate/map underground utilities and features on this drawing. Subscan Technology Ltd has made every endeavour to make sure that the information contained within this drawing is accurate and of the highest quality. Subscan Technology Ltd has used any record drawings provided by the client or by the Statutory Utility Providers, at the client's request, at the time of the survey. Any information taken from these drawings (e.g. pipe sizes and position) is not guaranteed. Historic record information is often incomplete and inaccurate and cannot be relied upon.

Subscan Technology Ltd is not liable for any topographical survey that has not been undertaken by us. Any inaccuracies relating to topographical plans/development plans/Ordnance Survey data that we have no control over is the liability of the customer. Where quoted, depth information of underground services/features is stated. Depths are generally within +/-10% accurate, but cannot be guaranteed. Any depths shown are drains are usually to invert (base of drainage channel) unless otherwise stated.

At Subscan Technology Ltd we use skilled staff and modern, calibrated equipment to perform our surveys. However, the completeness of any underground survey cannot be 100% guaranteed and the results from these types of surveys are not infallible. If the location or depth of services/features is of particular importance to a project then it is strongly advised that discussions are held with Subscan Technology Ltd regarding any possible limitations or anomalies. It is also strongly advised that trial excavations should be undertaken to confirm survey results. We cannot be held responsible for any inaccuracies beyond those that could be reasonably expected by a competent company.

ABBREVIATIONS (Land & Utilities)

Legend

Overhead Cable — Telephone Cable

Layout

S7150476P0001

KEY

- CCTV / CABLE TELEVISION
- 450 COMBINED DRAINAGE
- COMMUNICATIONS CABLE
- COMPRESSED AIR
- DUCTING
- EARTH CABLE
- ELECTRIC CABLE
- EOT END OF TRACE
- 150 FOUL DRAINAGE
- FUEL PIPE
- GAS PIPE
- GAUGE LINE
- HEATING
- OFFSET FILL PIPE
- PUMPING MAIN
- RADAR AREA ANOMALY
- RADAR UTILITY TRACE
- 300 SURFACE DRAINAGE
- SURVEY BOUNDARY
- TELECOM CABLE
- TRAFFIC LIGHTS
- UNIDENTIFIED
- VAPOUR RECOVERY
- VENT PIPE
- WATER PIPE
- O.S BENCH MARK
- SURVEY CONTROL STATION

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.

ISSUE	DATE	DESCRIPTION

SHEET LAYOUT

CLIENT	Warner Surveys
DWG No	27469
REV.	-
TITLE	
SCALE	1:200 @A0
SURVEYED	BT
DRAWN	TN
DATE	14/11/16

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UNDERGROUND SURVEY SPECIALISTS

GPR EUROPEAN ASSOCIATION · UVDB Verify empowered by Achilles · Link-up Registered · THE SURVEY ASSOCIATION · constructionline · Achilles

Notes

The Grid is Related to OS using GPS.
All Levels are related to OS using GPS.
All dimensions are in metres unless otherwise specified

Rev	QA Check	Description	Date
5	-	-	-
4	-	-	-
3	-	-	-
2	BF	Sub Services Detail Added	16/11/2016
1	BF	Pre Sub Scan	02/11/2016
0	BF	First Complete Issue	20/05/2015
Prelim	-	Preliminary - Not Complete	-

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3D Laser Scanning & Dimensional Control
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SURVEYED	RS	Reading Borough Council
DRAWN	RS	
SCALE	1:200	

Moorlands PS, Church End Lane Tilehurst, Reading, RG30 4UN

TOPOGRAPHICAL SURVEY

JOB No	DRAWING NUMBER
S715/0476	S715/0476/P/0001

A0 Sheet - 1,189mm X 841mm