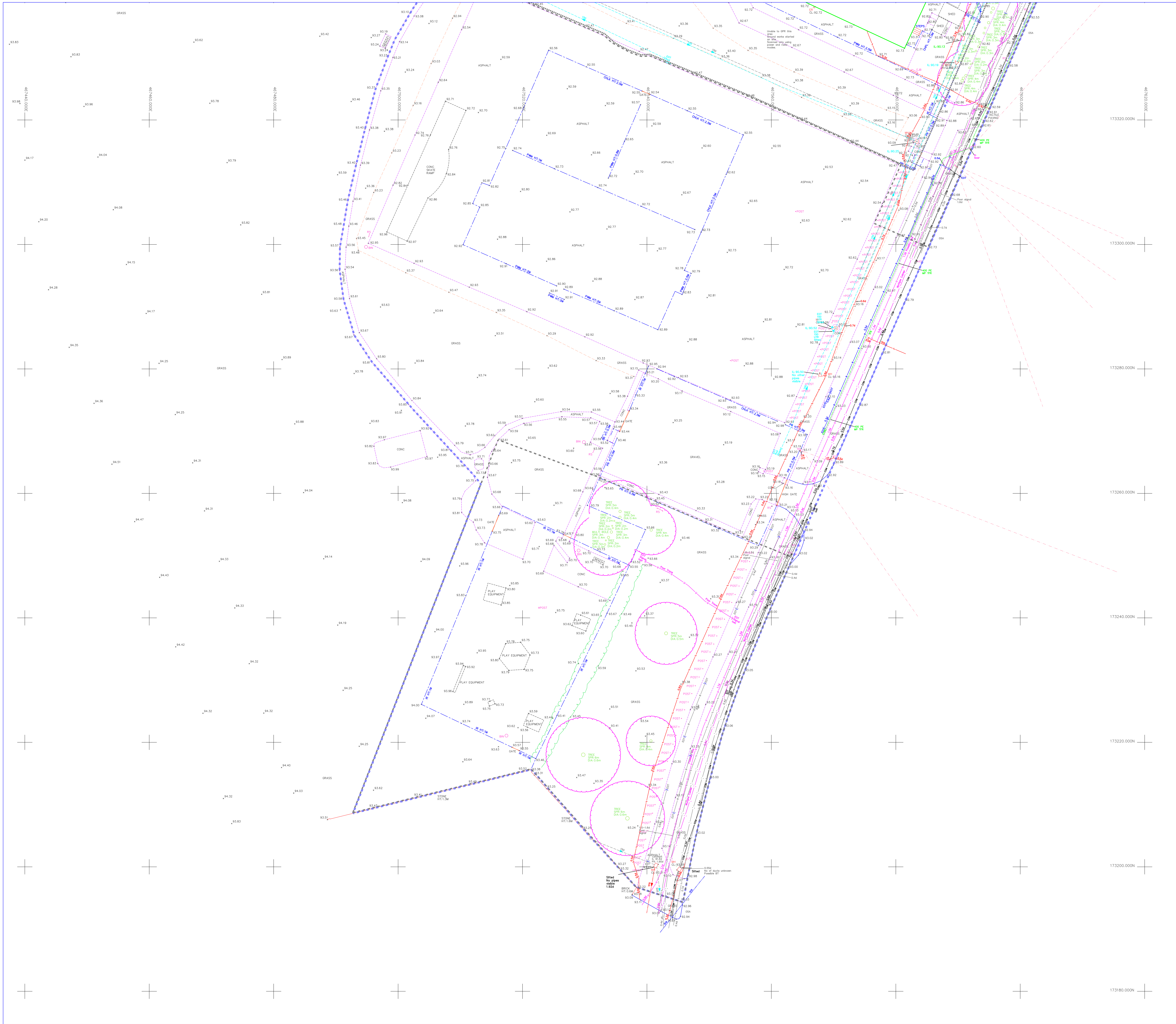


OS NORTH

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	TP	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.

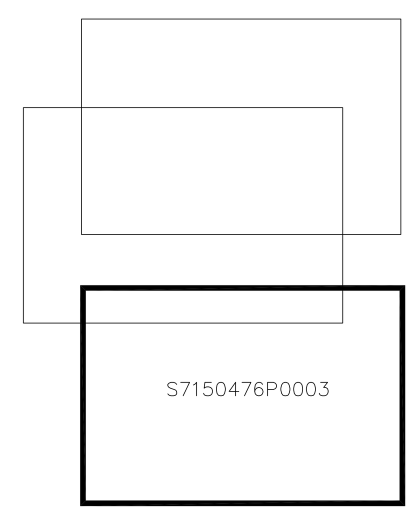
At Subscan Technology Ltd we use skilled staff and modern, calibrated equipment to perform our surveys. However, the completeness of any underground survey cannot be 100% guaranteed and the results from these types of surveys are not infallible. If the location or depth of services/features is of particular 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



KEY

CCTV / CABLE TELEVISION
COMBINED DRAINAGE
COMMUNICATIONS CABLE
COMPRESSED AIR
DUCTING
EARTH CABLE
ELECTRIC CABLE
END OF TRACE
FOUL DRAINAGE
FUEL PIPE
GAS PIPE
GAUGE LINE
HEATING
OFFSET FILL PIPE
PUMPING MAIN
RADAR AREA ANOMALY
RADAR UTILITY TRACE
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

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	-	-	-
1	BF	Sub Surface Detail Added	16/11/2016
0	BF	Pre Sub Scan	02/11/2016
Prelim	-	Preliminary - Not Complete	-

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		SURVEYED BT	
		DRAWN TN	
		DATE 14/11/16	

SURVEY TYPE
TOPOGRAPHICAL ☐
DRAINAGE ☑
UTILITY ☑

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DRAWN	NG/PM
SCALE	1:200

Reading Borough Council

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

TOPOGRAPHICAL SURVEY

JOB No	DRAWING NUMBER
S715/0476	S715/0476/P/0003

A0 Sheet - 1,189mm X 841mm