



Grid coordinates -
of 1,000.

Revision	
Rev A:	Post Processed GPR survey of the main road - 14/03/25

BURIED SERVICES INFORMATION

LINETYPE KEY	
HP	GENERAL POWER
LV	LOW VOLTAGE
MP	MULTI POWER
ST	STREET LIGHT
BT	BRITISH TELECOM
CTV	CABLE TELEVISION
CC	CLOSED CIRCUIT TV
DC	DATA COMMUNICATIONS
TS	TRAFFIC SIGNAL CABLES
FW	FUEL WATER
SW	STORM WATER
GD	GENERAL DRAINAGE
PM	PUMPING MAIN
AC	AIR CONDENSING
GS	GAS
HP	HEATING PIPES
AW	ASSUMED WATER
OK	OIL
W	WATER
RL	RADAR LOCATE
RF	RADIO FREQUENCY LOCATE
TR	TAKEN FROM RECORDS
WR	WEAK RADAR LOCATE
UN	UNABLE TO SURVEY
UN	UNKNOWN
SL	STREET LIGHT AND DEPTH BELOW GROUND
BU	BURIED UTILITY SURVEY AREA

ABBREVIATIONS			
AR	Assumed Route	MH	Manhole
BT	British Telecom	LP	Lamp Post
CTV	Cable Television	RE	Rodding Eye
CL	Cover Level	RFL	Radio Frequency Locate
COM	Data Communications	RSS	Rod Shipped
D	Depth	SA	Soakaway
RP	Rainwater Down Pipe	SP	Soil Vent Pipe
ELEC	Electricity	SW	Storm Water Sewer
EP	Electricity Pole	TL	Traffic Light
EOT	End Of Trace	TP	Telegraph Pole
ER	Earth Road	UTL	Unable To Lift
FH	Fire Hydrant	UTR	Unable To Radar
FWS	Foul Water Sewer	UTS	Unable To Survey
GV	Gas Valve	UTF	Unable To Trace Further
G	Gully	WV	Water Valve
IC	Inspection Chamber	⊗	Sounded
#	Invert Level		

- GENERAL GUIDANCE NOTES - PLEASE READ CAREFULLY**
- A number of techniques were used to obtain the information shown on this drawing. Varying ground conditions can affect the performance of these systems, therefore 100% detection is not guaranteed.
 - Where electric & metallic services are situated on this drawing as a single utility line, these may represent multiple buried utilities.
 - Possible radar targets show the position of suspected underground linear features, these features have produced an inconsistent response to the radar.
 - It is not always possible to differentiate between construction features and services.
 - Linear items that have failed to ensure correct utility identification, however these should be independently verified prior to any design/building works.
 - All identification and depth data are assumed to be correct, however due to non entry to inspection chambers, these should be verified before any works commences.
 - Depths plotted with a 'D' have been measured using radio frequency locators, care to the centre of object/lines and on its underside.
 - Scale indicated is only applicable when plotted at their size.
 - Some utilities may be disconnected or abandoned, it is not always possible to detect these services.
 - It is not possible to trace plastic pipes by radio detection e.g. Gas/Water, fibre optic cables or pipes of less than 100mm in diameter.
 - Due to their non-conductivity it may not be possible to induce signal.
 - In the absence of evidence to the contrary the routes of confirmed manhole connections are deemed to be direct and straight.
 - Underground service information should be read in conjunction with latest statutory drawings.
 - Please note that it is illegal to lift telecommunications covers in public areas.
 - Any broken or damaged manholes were not lifted by Dando Surveying Ltd.
 - The utility information has been obtained from non-intrusive surveying techniques, it always remains possible that there are additional utilities within the survey boundary that we have not been able to detect.
 - The responsibility for avoiding damage to pipes and utilities on site shall be that of the persons engaging to excavate within the surveyed area, who shall be liable to the extent of any and any third party who may be affected in any way for any loss or damage.

ACCURACY OF GPR REFLECTIONS/GROUND BATHY

As an alternative GPR techniques can be employed at additional cost in attempt to locate services not detectable by radio detection. All tracing is subject to reflection of their signals.

The material surrounding and particularly above buried utilities can affect whether services can be located by GPR. Reinforced concrete, buried metallic objects, the presence of moisture or clay, and changes in the material composition often produce and false resolution.

GPR methods can only give a quantified accuracy of 50% depth. Results using GPR are typically accurate to within 10% with a horizontal accuracy of 150mm.

The results of the GPR survey should be treated with caution as it cannot be guaranteed that any service shown actually exists. Only a possibility that something can be seen on the records.

USE EXTREME CAUTION WHEN EXCAVATING IN ANY AREA.

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Project Name:
Land of B4030
Howes Lane, Himley, Bicester, OX26 2GA

Drawing Title:
Utility Survey Sheet 2 of 2

Client:
Cala Homes
Agent:

Date: 22nd January 2025	Scale: Drawn 1:400 Sheet 1,500m
Grid Orientation North GPS	Sheet ID CHimleyUT
Site Level Datum OS GPS	Surveyed By CP
	Drawn By CP