

NOTES:

1. The base topographical survey has been supplied by the Encompass Geospatial.
2. A number of technologies 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. Always Exercise Caution When Excavating.
3. Thin line types represent assumed utility positions (as annotated).
4. Where electric & metallic services are illustrated on this drawing as a single utility line, these may represent multiple pipes/cables.
5. Possible radar targets show the position of suspected underground linear features, these features have produced an inconsistent response to the radar.
6. It is not always possible to differentiate between construction features and pipes, it is therefore possible that some of the features shown are not pipes or cables.
7. Every care has been taken to ensure the correct identification of the utility types, however these should be independently verified prior to use in any design/ building works.
8. All pipe diameters and levels are assumed to be correct, however due to non entry to inspection chambers, these should be verified before any works commence.
9. Depths shown with the suffix (RD) have been measured using radio frequency locators and are to the centre of pipes/cables. Depths shown with the suffix (S) have been measured to a radio frequency sewer sonde and are to the invert of pipes. Therefore these depths are indicative only.
10. All utility depths are in metres unless otherwise stated
11. All pipe/duct sizes are in millimetres unless otherwise stated
12. Information provided should not be altered or modified in any way. It should not be used for any purpose other than for which it was intended and should not be issued to other parties without prior agreement of Encompass Surveys.
13. Encompass Surveys cannot accept any responsibility for any damage to computer systems which may result from viruses which may be contained in the data provided.
14. If the Autocad drawing is being read by any system other than Autocad it should be checked against a hard copy. Encompass Surveys cannot accept liability for omissions.
15. Scale indicated is only applicable when plotted at sheet size

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LINE-TYPE KEY

- EL – B2 — Electricity
- BT – B2 — British Telecom
- WTR – B2 — Water
- GAS – B2 — Gas
- > FW – B2 — Foul Water
- > SW – B2 — Storm Water
- MET – B2 — Metallic
- COM – B2 — Telecom
- DUCT – B2 — Empty Duct
- MC – B2 — Mercury Comms
- FO – B2 — Fibre Optics
- E – B2 — Earth Strips
- VM – B2 — Virgin Media
- CATV – B2 — Cable TV
- LV – B2 — Low Voltage
- HV – B2 — High Voltage
- UNK – B2 — Unknown Service
- FUEL – B2 — Fuel Pipe
- HW – B2 — Hot Water
- > CD – B2 — Combined Sewer
- TCSI – B2 — Traffic Control Signalling
- GPR – B2 — Strong Radar Target
- GAS – B2 — Weak Radar Target
- GPR Detected Anomaly
- GPR Detected Reinforcing
- Extents of Chamber
- Scan Area
- Unable to Scan Area

ABBREVIATIONS

AV	Air Valve	LP	Lamp Post
BB	Belisha Beacon	MH	Manhole
BCD	Bottom of Chamber Depth	MKR	Marker
BH	Borehole	MW	Monitoring Well
BL	Basement Light	NPV	No pipes visible
BM	Bench Mark	ONV	Outlet not visible
BO	Bollard	P	Post
BS	Bus Stop	PE	Polyethylene
BT	British Telecom Cover	RE	Rodding Eye
CAB	Cabinet	RG	Rain Gully
CATV	Cable Television Cover	RS	Road Sign
CCTV	Closed Circuit TV	SF	Soffit
CD	Chamber Depth	SI	Spun Iron
CL	Cover Level	SP	Sign Post
CO	Concrete (Pre-Cast)	ST	Steel
DI	Ductile Iron	STN	Survey Station
DP	Down Pipe	SV	Stop Valve
EJB	Electricity Junction Box	SWCP	Surface Water Catch Pit
EOT	End Of Trace	SWSA	Surface Water Soak Away
EP	Electricity Pole	SW	Surface Water
ER	Earth Rod	TCB	Telephone Call Box
FB	Flower Bed	TCD	Top of Chamber Depth
FH	Fire Hydrant	TL	Traffic Light
FL	Flood Light	TLCB	Traffic Light Control Box
FW	Foul Water	TP	Telegraph Pole
FWP	Foul Water Pipe	UTL	Unable To Lift
GM	Gas Meter	UTT	Unable To Trace
GP	Gas Pipe	VP	Vent Pipe
GV	Gas Valve	WLD	Water Level Depth
IC	Inspection Cover	WM	Water Meter
ID	Invert Depth	WSC	Water Stop Cock
IL	Invert Level	WSV	Water Stop Valve
IRS	Illuminated Road Sign	WWO	Water Wash Out

Quality Level of Survey Outputs

Quality Level	Location Accuracy		Supporting data
	Horizontal	Vertical	
QL-B4	Undefined	Undefined	Utility segment which is suspected to exist, but has not been detected. Shown from existing records or assumed route.
QL-B3 (P)	±500 mm	Undefined	Horizontal location of utility detected using EML. Unable to estimate vertical depth with confidence. (P) - Horizontal location of feature detected using GPR. Unable to estimate vertical depth with confidence.
QL-B2 (P)	±250mm	±40% of detected depth	Horizontal and vertical location of utility detected with confidence using EML or Live Mode GPR. (P)-Horizontal and vertical location of utility detected with confidence using GPR.
QL-B1 (P)	±150 mm	±15% of detected depth	Horizontal and vertical location of utility detected with confidence using EML & Live mode GPR. (P) - Horizontal and vertical location of utility detected with confidence using EML & GPR data that has been post processed.
QL-A	±50 mm	±50 mm	Horizontal and vertical location has been confirmed due to exposure of utility.

*P denotes GPR data has been post processed

ENCOMPASS GEOSPATIAL

chartered ices — THE SURVEY ASSOCIATION

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Drawing Title
One Horton Heath Utility Survey

Drawing Number
EGL-141025-3303U1 SHEET 1 OF 3

Client
Eastleigh Borough Council

Site/Contract Address
One Horton Heath
Eastleigh

Scale	Date	
1:200 at A0	October 2025	
Surveyor(s)	**Drawn by**	**Checked by**
FC JB	FC	RA