

LEGEND

- ORIGINAL SURVEY
- SURVEY STATION
- FOUL WATER SEWER
- SURFACE WATER SEWER
- ELECTRICITY
- LOW VOLTAGE MAINS
- GAS MAINS
- WATER MAINS
- TELECOM
- DATA/COMMUNICATIONS CABLES
- UNKNOWN SERVICE
- DOWN PIPE
- MANHOLE

- CL COVER LEVEL
- IL INVERT LEVEL
- VC VITRIFIED CLAY
- DI DUCTILE IRON
- PCO PRECAST CONCRETE
- 000mm dp DEPTH OF SERVICE (mm)
- OSA OUTSIDE SURVEY AREA
- UTT UNABLE TO TRACE
- EOT END OF TRACE
- LP LOW PRESSURE
- 0000mm PIPE DIAMETER
- Cvr SERVICE DUCT

Notes

Grid & levels are related original survey grid & level datum.

Kemp topographic survey shown as background in grey.

Unless otherwise stated, all services shown on this plan have been surveyed using approved detectors and the connections between manholes, if not traced, are assumed to be direct.

Should the background, or topographical, information for the survey area be based on an Ordnance Survey file we are not liable for any loss that may arise due to a lack of accuracy in that digital data.

Location accuracy is determined by referring to manufacturer's guidelines for the detectors used.

In ideal conditions these spatial accuracies for the underground utilities located and mapped are +/- 5% of depth for the RD4000 and +/- 10% of depth for the Mala Geoscience Easy Locator Ground Penetrating Radar.

Although all reasonable steps have been taken to locate all features, there is no guarantee that all have been shown on the drawing as some above ground features may have been obscured at the time of survey.

It is always our intention to use the utility suppliers details, if supplied prior to the survey commencement, as a guide for location purposes.

However, should we not be able to locate those guided services we shall not be held responsible for the accuracy, or otherwise, of the location of that service, as issued by the utility provider and therefore shown as 'Taken from Records' on the drawing and we are not liable for any loss that may arise due to a lack of accuracy in that guided information.

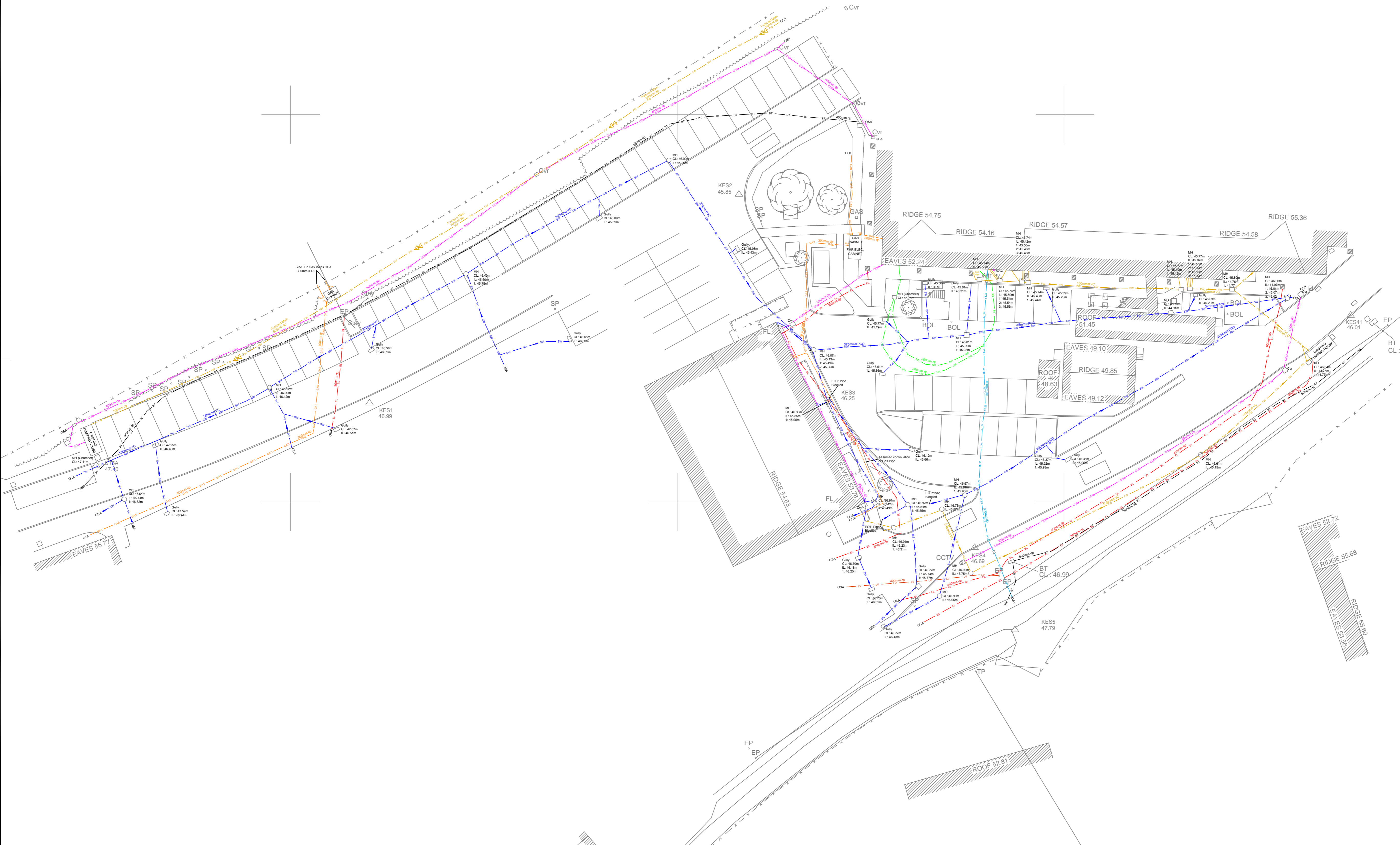
Due to BT's policy we are not permitted to fit their inspection chamber covers. Where their services are not located by us by other means, their information has been taken from records and therefore we are not liable for any loss that may arise due to a lack of accuracy in that guided information.

No guarantee can be given that all services have been shown.

Excavations in the vicinity of services shown are to be carried out with due diligence (Ref: HS(G)47.)

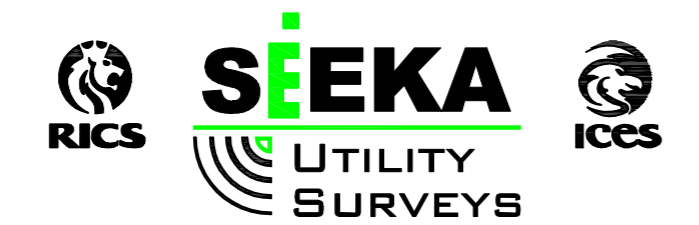
The following text is an extract from Surveys of Land, Buildings and Utility Surveys at scales of 1:500 and Larger issued by the Royal Institute of Chartered Surveyors Feb 1996.

Electronic tracing is a reliable method of locating buried services. On heavy, built up sites 85% completeness is probably all that can be expected. Plan accuracies of +/- 150mm may be achieved but this figure will depend on the depth of the service below ground level. Where similar services run in close proximity, separation may be impossible. Successful tracing of non-metallic pipes may be limited. Existing record information showing underground services is often incomplete and of doubtful accuracy. It should be regarded only as an indication and cannot be guaranteed.



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Full Utility Survey
 On Site Detection & Mark out
 Electronic Trial Pits
 Topographic Surveys



Client H20K Systems

Project Title Scorrier Highways Depot
 Redruth
 Cornwall

Drawing Detail Underground Utility Survey

Rev.	Date	Description
A	Jul 08	Original

Drawn by	CG	Date	27/06/08
Checked by	RW	Date	01/07/08
Drawing Scale	1:250@A1		
Drawing No.	08-1254-002	Revision	A