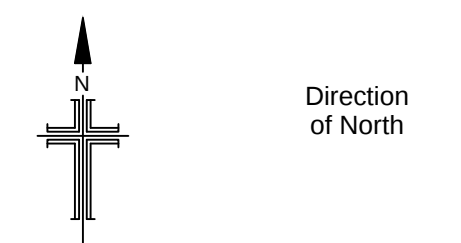
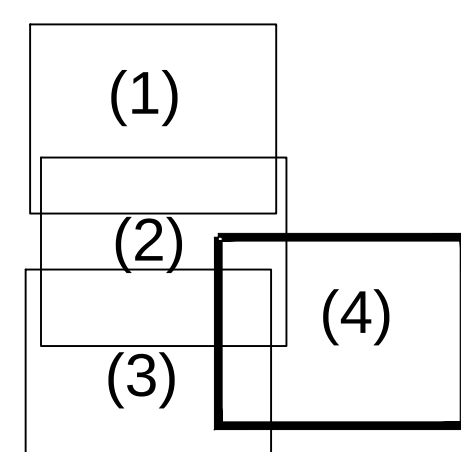


LAYOUT KEY



NOTES

1. All cover levels and invert levels are in metres and relate to the "12526-223-UMS" drawing levels.
2. 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.
3. Location accuracy is determined by referring to manufacturer's guidelines for the detectors used. In ideal conditions the vertical accuracy for the underground utilities located and mapped are $\pm 10\%$ of the depth. The horizontal accuracy is $\pm 25\text{mm}$, although the majority of traced utilities will be much more accurate than this.
4. Depths shown on the drawing are the depth in metres below ground level to the centre of the conductor and do not necessarily indicate the depth to a duct or pipe.
5. The cables shown on this drawing may represent the path of several cables contained within a duct, or more than one duct if they are closely associated. The inspection chamber schedules should be referred to for duct & cable numbers.
6. The results of electro-detection techniques are not infallible although all reasonable effort is made during site detection the completeness of the underground services information cannot be guaranteed.
7. An electric current will flow along the path of least resistance. This means that when a current is induced into a feature it will 'jump' to adjacent features if they offer a better conducting pathway. It is possible therefore that features that are detected by connecting to one type of apparatus may not in fact be that type of utility. The identification of apparatus cannot be assumed to be totally accurate.
8. It should be noted that the technique is limited to detecting features that either generate an electromagnetic field, such as power cables, or around which an electromagnetic field can be induced, such as some water pipes and some telecommunications cables (or empty pipes & ducts into which a conductor can be inserted), and it cannot therefore be guaranteed to reveal the exact routes of all buried services or to detect their presence.
9. Ground Penetrating Radar (GPR) has been used to survey transects across selected areas of the site. GPR has the potential to identify services unlocatable using traditional RFL techniques (i.e. plastic pipes, fibre optical). However, the success of GPR is dependent upon many factors, including local ground conditions, density of services in the vicinity and ground vibration amongst others. The use of GPR cannot guarantee the detection of all services and service records should always be consulted in conjunction with the results of any electro-detection survey.
10. This drawing and the information contained therein is issued in confidence and is the copyright of Met Geo Environmental. Disclosure of this information to third parties and unauthorised copying or replication of this data without approval is forbidden.

ALWAYS EXERCISE CAUTION WHEN EXCAVATING
NO UTILITY MAPPING SURVEY CAN BE CONSIDERED 100% COMPLETE AND ADDITIONAL UTILITIES MAY EXIST BEYOND THOSE SHOWN ON THIS DRAWING. BE AWARE THAT SERVICES SHOWN MAY MASK OTHER UTILITIES BURIED BENEATH THEM. ALWAYS USE THIS INFORMATION ALONGSIDE UP-TO-DATE SERVICE RECORDS AND EMPLOY SAFE DIGGING PRACTICES IN ACCORDANCE WITH HSG47.

SUB-SURFACE KEY

INFORMATION FROM SERVICE RECORDS

- BT (NL) BT CABLES FROM SERVICE RECORDS
- HV (NL) HIGH VOLTAGE CABLES FROM SERVICE RECORDS
- LV (NL) LOW VOLTAGE CABLES FROM SERVICE RECORDS
- W (NL) WATER - LOW PRESSURE FROM SERVICE RECORDS
- W (NL) WATER - HIGH PRESSURE FROM SERVICE RECORDS
- CD (NL) COMBINED DRAINAGE FROM SERVICE RECORDS
- GAS (NL) GAS APPARATUS FROM SERVICE RECORDS

- UN: UNABLE TO RAISE
- UT: UNABLE TO TRACE
- UM: UNABLE TO MEASURE
- SE: SERVICE EXTENDS OFF SITE
- D: DIAMETER OF PIPE OR DUCT
- ME: METRES BELOW GROUND LEVEL
- CL: COVER LEVEL
- ME: MEASUREMENT ESTIMATED
- IL: SLOTTED LEVEL OF PIPE/DUCT
- IL: INVERT LEVEL OF PIPE/DUCT

- CABLE DUCT SHOWING NUMBER OF CABLES
- SITE BOUNDARY

Rev	Date	Drawn	Description	Check
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Site: ASHBROW ROAD
HD2 1DX HUDDERSFIELD

Title: UTILITY SURVEY

Surveyed	AP, RC	Drawn	RC
Chk	HB	Date	13/04/2016
Scale	1/200	DWG Ref	12526-223-2_UMS (4)
Job No	12526-223-2	Status	FINAL
		Rev	0