



KEY FOR UNDERGROUND SERVICES

Where chamber extents are significantly greater than the cover size, their approximate extents are shown thus;

ABBREVIATION KEY AR assumed route
BD base bend
BD base bend
BD base bend
BD base bend
BD bed level
B

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 MODEN SERVICES. WHERE CUCTED, DEPTH INFORMATION OF UNDERGREUND SERVICES/FEATURES IS STATED, BETHE ARE CHERALLY WITHIN 14-7 UND ACCURATE, BUT COMOT BE CONMENTED, MY DEPTHS SHOWN ARE USUALLY TO THE CONTROL SERVICE/FEATURE, GRAVITY SEWERS AND DRAINS ARE USUALLY TO INVERT (BMSE OF DRAININGE CHANNEL) WHELES OTHERWISE STATED. AT MAPMATIC WE USE SKILLED STAFF AND MODERN CALIBRATED EQUIPMENT TO PERFORM OUR SURVEYS. HOWEVER, THE COMPLETENESS OF ANY UNDESIGNOUND SURVEY CANOT BE 1002 GUARANTEED AND WE CANNOT BE HELD RESPONSIBLE FOR ANY MACKEDIACES BEFORE HOSE THAT COULD BE REASONABLY EXPECTED BY A COMPLETENT COMPANY.

CONTRACTORS UTILIZING OUR DRAWNOS FOR INTRUSIVE WORK SHOULD TAKE ALL REASONABLE MEASURES TO WORK SAFELY IN ACCORDANCE WITH HISGAY GUIDELINES "AVOIDING DANGER FROM UNDERGROUND SERVICES".

SITE SPECIFIC NOTES:
ANY SERVICE IN THE LINE TYPE TER OR AR OR WITH EITHER TER OR AR WRITTEN ON IT IS TO BE USED AS A GUIDE ONLY AND IS NOT TO BE TREATED AS ACCURATE.

THERE WERE SCREAL AREAS OF VEGETATION THAT WERE UNLABLE TO SURVEY DUE TO A COMPLETE LACK OF ACCESS, ALL SUCH AREAS HAVE BEEN INDICATED ON THE DRAWNO.

THE UTILITY SURVEY AREA IS INDICATED ON THE DRAWNO WITHIN THE LAYER UG-SURVEY BOUNDARY.

BH Borchole Ht. Height TTL: Tree top level
BM Benchmark IC Inspection cover THL Threshold level
Boll Bollard IFL Internat floor level TCB Telephone call box
Bs Bus stop IL Invert level TL Traffic light
BT British Telecom Lb Letter box THL Threshold level
Bg Back Gully Lp Lamp Post Tp Telegraph post
CL Cover Level MG Multigirth Ts Traffic signal
CBX Control box MH Manhole TT Traffic signal
CPS Concrete paving slab Mkr Marker post Twl: Top of wall level
CTV Cable TV cover NVP No visible pipes UTL Unable to lift
Elc Electric cover Pinv Pipe Invert WL Water level
Ep Electricity post Pb Post box Wm Water meter
Er Earth rod Re Rodding eye Wo Wash out
Fs Flagstaff St Stop tap
Road Ordnance Survey information is provided for a guide only.

OS BUILDING OUTLINE
OS DETAIL

Station Easting (m) Northing (m) Level (m) M1 398517.354 278691.699 208.268 M2 398566.035 278755.602 209.325

M3 398710.012 278773.404 211.702

GM3

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PROJECT

Boleyn Road Birmingham B45 0ND

TITLE Topographical Survey

Scale 1: 500@A1 Date 11.08.2020 Drawn JT. JH Checked AW Level datum GNSS Job number 3753

Grid orientation GNSS Revision 0 Drawing no. 0001 Sheet 1 of 1

This survey has been orientated to the Ordnance Survey (OS) national grid via a Global Navigation Satellite System (GNSS) and the OS Active Network (OS NET). A true DSG836 coordinate has been established near to the site centre via a transformation using the OSTN15 & OSGM15 transformation modes. The survey has been correlated to this point and a further one or more OSG836 points established to create a true OS bearing for angle orientation. No scale factor has been applied to the survey therefore the coordinates shown are arbitrary and not true OS coordinates. Please refer to the survey station table to enable establishment of the on-site grid.



