

Appendix A
(Full list of Planimetric Features)

1 Building Structures

- The plinth or roof line of all permanent buildings
 - open sides of buildings
 - outbuildings
 - covered passages and archways
 - buildings under construction
 - bridges
 - overhangs and canopies
 - other (please specify)
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2 Boundary Features

- fences (showing height and type)
 - gates
 - stiles
 - hedges
 - walls (showing type, height and width)
 - boundary markers
 - other (please specify)
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3 Roads, Tracks and Footpaths

- kerb line or edge of surfacing to carriageways
 - tracks and bridle paths
 - rides and drives
 - footways
 - pedestrian crossings
 - steps
 - traffic islands
 - paths
 - tunnels and/or underpasses
 - change of paved surface materials
 - bridges and subways
 - road/car park management markers
 - other (please specify)
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4 Street Furniture and Visible Service Features

- call boxes/letter boxes
 - bus stops and shelters
 - lamp posts
 - telecommunication poles
 - electricity poles
 - vent pipes
 - road signs/road and street name boards
 - hoardings
 - notice boards
 - traffic signals and control boxes
 - drains or gullies
 - fire hydrants
 - stop valves and stop cocks
 - manholes and inspection covers including telecom and CATV
 - covers or lights to cellars
 - parking meters and ticket machines
 - barriers
 - bollards
 - marker posts
 - other (please specify)
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5 Water, Drainage and Coastal Features

- lakes
 - ponds
 - reservoirs
 - rivers, streams, ditches
 - other (please specify)
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6 Slopes and Earthworks

- cuttings and embankments
 - terraced slopes
 - retaining walls
 - mounds
 - open pits
 - quarries
 - rock outcrops
 - waste disposal facilities
 - other (please specify)
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7 Woods, Trees and Recreation Areas

- playgrounds and sports facilities
 - parks and open spaces
 - isolated individual trees above trunk diameter (measured 1m above the ground) with spread and trunk plotted to scale
 - either:
 - a) woods to be defined by the overhang of the trees around the perimeter, or
 - b) individual trees in woods above trunk diameter (measured 1m above the ground) shall be surveyed
 - The following shall be annotated:
 - a) girth/diameter
 - b) height
 - c) spread
 - d) species
 - staked saplings
 - ornamental garden features (please specify)
 - other (please specify)
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8 Industrial

- tanks
 - conduits and pipes
 - valve chambers
 - filter beds
 - transformers (boundary fences only)
 - electricity sub stations with switch boxes (boundary fences only)
 - pylon bases with reference numbers
 - overhead lines and cables (heights if specified)
 - flagstaffs and masts
 - other (please specify)
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Appendix B
(Full List of Underground Services)

1 Drainage

- main drainage only (150mm pipes and larger)
- all drainage including minor connections (where required)
- routes traced by electronic probe where required
- cover levels
- invert levels including drop manholes
- pipe sizes
- direction of flow
- cesspits and septic tanks
- pumps and pumping mains
- NOTE: lifting of inspection covers in highways is not permitted, we will attempt to obtain local authority record at a charge of £180 +VAT, on request

2 Water

- markers
- stop valves
- tracing of metal mains

3 Gas

- markers
- stop valves
- tracing of metal mains

4 Electricity

- markers
- inspection covers
- approximate route of live cables traced

5 Telecommunications

- markers
- covers
- routes traced where possible

NOTE: Depths of signal emitting services can be provided in suitable conditions

Tracing of Underground Services

Our base equipment is the Radiodetection RD400 system which detects metallic pipes and cables. We would expect to find over 80% of metallic pipes and cables using this system. It cannot however, trace pipes or cables which are non-metallic. We do have available ground penetrating radar which does have the ability to detect both metallic and non-metallic pipes, but as this is a relatively long process this equipment is best used in small critical areas or trace specific pipes runs rather than for general service location over wide areas.