

Topographic Survey Features Checklist

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We aim to tailor our survey services to your requirements. The starting point is of course to discuss and agree with you the survey extent and features to be included. The purpose of the survey is a significant factor in this. To assist, we list below the standard features that are generally included in LDS topographic surveys and, below that, a list of some additional features which may be relevant to your project. Using the lists below as a starting point, our quotation will then clarify which items are to be included or excluded and we are always happy to discuss these with you.

All features and levels are surveyed to OS grid and datum (unless there is no satellite coverage)

Standard On-Site Features:

- o Building footprints
- o Boundary features
- o Walls, steps, fences, hedges, undergrowth etc (with description)
- o Banks, ditches, ponds etc
- o On-site roads and tracks, paths and hard-standing
- o Manholes (with cover level), inspection covers and other service covers
- o Invert levels for manholes on site (where possible to lift covers). Please advise if any sewer manholes are to be lifted.
- o Drain sizes and directions of flow as determined by surface inspection (no testing or tracing of drains – this is a specialist field, but we can recommend companies who carry this out)
- o Trees of trunk diameter exceeding 0.1m with species (where known) and estimated trunk diameter.
- o Tree canopy surveyed (for isolated 'significant' trees) and general tree heights (where practical)
- o Overall canopy surveyed for areas of overlapping trees/woodland
- o Description of surfaces (concrete, tarmac, gravel, grass etc)

Standard On-Site Levels/Heights:

- o Ground levels at appropriate spacing (generally 5m or 10m)
- o Contours (we generally recommend major contours at 1.0m and minor contours at 0.2m)
- o Building threshold or ground floor level or DPC
- o Main roof line, and ridge and eaves heights of buildings on site (not sheds etc)
- o General heights of walls, fences, and trees (where practical)

Standard Off-Site Features:

- o Road frontage (with channel levels) – please specify extent required
- o Services and street furniture in road frontage and footpath abutting site
- o Partial footprint, main roof line, and ridge and eaves heights of adjoining buildings (For those buildings identified in the quotation and where possible to survey remotely from within the survey area).
- o Trees on adjoining properties which overhang the site

Surveying of some features is dependent on visibility and/or safe access. Where undergrowth etc restricts survey access we will undertake light clearance and survey what is reasonably feasible. However, if the site is cleared before our arrival this will help us to survey features which might otherwise be obscured or inaccessible.

Additional Features Available upon Request:

- o RWPs, SVPs and gullies for kitchen and bathroom wastes.
- o Ground floor openings of dwellings on site with cill and head levels (recommended for landscaping projects)
- o Detailed garden borders/beds (recommended for landscaping projects)
- o Window positions of adjoining buildings overlooking site (where possible)
- o Road markings, crown of road (ie. centreline), levels at top of kerb
- o Footpath on opposite side of road to site
- o Invert levels of public sewer manholes (where safe and feasible).
- o Heights to underside of overhead cables at the pole
- o External Elevations of the property and/or street elevations (silhouette, outline or full detail)

Additional Options for Export of Data:

- o Survey overlaid onto OS digital mapping to show wider context (we can obtain the OS data for you).
- o Raw 3D data (TIN or ground model) and all linework and point features
- o Sections, areas, and volume calculations