

Biff Lewis Geomatics Site Survey Specifications List

Control Choices

- The survey can be based on a local system, not indexed to the Cadastral beacons
 - The Cadastral boundary will be calculated from existing data only (CAD exercise)
- The survey *must* be connected to the National Grid System i.e. WGS 84 and Mean Sea Level, then
 - The Cadastral boundary will be either
 - Based on recent surveys i.e. records from the Surveyor General's office. (CAD exercise), or
 - Relocated physically and new beacons placed where missing. (reqd for LSC)
 - Land Surveyor's Certificate (LSC) required.

Detail Required

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- Existing buildings footprints.
- Existing buildings floor levels.
- Ridge heights of existing building.
- Gutter heights of existing building.
- Show roof outline (Surveyed only when visible).
- Boundary walls.
- Boundary wall heights.
- Show the ground level on either side of the boundary walls.
- Pavement levels.
- Kerb and street levels.
- Street Furniture.
- Driveway levels.
- Levels @ boundary beacons.
- All services e.g. manholes, storm-water, electrical etc. position
- All services e.g. manholes, storm-water, electrical etc invert levels.
- Exact height and position of pool pumps, irrigation.
- Pool position.
- Retaining walls.
- External staircases.
- Contour intervals 250mm / 500mm / 1m.

- Supply Bench Mark on site, if yes how many?

- All major landscape features e.g. trees, rocks, tree stumps etc.
- Major trees approximate canopies.
- Show diameter of tree trunks, branches and names.

- Significant views to natural features (from particular positions to be indicated).

- Position (massing) and heights (parapet / apex) of neighboring buildings.

Drawing Format:

- Copies will be provided in .pdf format for approval and payment purposes.
- All CAD drawing files will be supplied in DXF or DWG format.

Note

Please do not be constrained by this checklist.

We survey to your needs - let us know what is required.