

Data required for Topcon GNSS Systems

1. LINEWORK

Format: AutoCAD drawing file (*.DWG or *.DXF)

Contents:

- **Clean & Relevant linework only** (e.g. back of kerb, lip of kerb, footpaths, CL, drainage, sewer, lot boundaries, etc.)
- Please keep linework to minimal number of layers with relevant names
- Continuous 3D polylines for data is strongly preferred
- 3D linework for kerbs, drainage inverts & sewer preferred
- Files must not include splines, ellipses, complex hatching, xrefs, blocks or multiple sheets
- If the job involves alignments, these are to be provided as LandXML format (*.XML)

2. DESIGN SURFACE

Format: AutoCAD drawing file (*.DWG or *.DXF)

Contents:

- Design surface as 3D-Faces triangulation (DTM or TIN). The triangle linework is not required
- This could be combined with the linework file as per above

3. CONTROL POINTS & SETOUT POINTS

Format: AutoText file (e.g. *.TXT, *.CSV)

Contents:

- Usual format would be Point number, Easting, Northing, Height, Description
 - E.g. PSM22, 346489.103, 5788689.483, 56.504, Star Picket

