

TOPOGRAPHIC SURVEY LIST

1. Obtain sufficient ground shots to produce a one foot contour interval map. Area will include _____ described area) _____
2. Locate all visible above ground indications of utilities, overhead power lines, and manholes (wastewater and storm manholes will include top of lid elevations and inverts).
3. Locate all underground utilities as provided on the latest Texas State University-San Marcos Campus Base Utility Map.
4. Set benchmarks on site.
5. Locate and identify all trees.
6. Tie in sufficient property corners to relate topography survey to boundary.
7. Locate the property lines and or right of way lines on City of San Marcos owned streets.
8. Provide finish floor elevations on all adjacent buildings.
9. Locate all existing sidewalks, buildings, and driveways, and all other surface features including streets, curbs, storm drains, signs, and landscape features.
10. Provide spot elevations of curbs and sidewalks at 20' intervals.
11. Locate and mark various spot elevations (as defined by owner).
12. Vertical datum will be based on NAVD 88 (feet).
13. Horizontal datum will be based on Texas State Plane, South Central, NAD83 (feet).
14. Prepare 1 – Autocad digital CD and 1 – mylar drawing(s) of the features described in the items above.
15. Tie into campus elevation grid when surveying main campus. Grid provided by university.