

NJ540.2 Format

When an electronic data collector is used in a field survey, sketches and notes shall be entered in a loose leaf or bound notebook to provide adequate identification and cross-referencing of the electronically recorded data.

NJ540.3 Precision and Accuracy

Survey equipment selected for field surveys shall be capable of providing the level of precision and accuracy necessary for the project or activity. Laser levels typically available in service centers are recommended for general layout, construction checks, and elevation determination from a known point. Conventional levels can also be used for these purposes and are recommended where multiple turns or set-ups are necessary. Electronic total station equipment should be used where horizontal and vertical precision is required. Resource grade global positioning systems (GPS) may be used for determining approximate horizontal location or for calculating general areas. Where greater accuracy is needed, survey grade GPS shall be used.