1. Used [Software] and [Software] to create detailed maps from raw field data.
2. Employed GPS technology to pinpoint baseline, meridian, tier and range coordinates defining boundaries of township residential lots.
3. Coordinated survey crew activities and oversaw field operations.
4. Compiled measurement and marker data from plats and drawings using public records to determine geographical boundaries of land parcels and utility locations.
5. Read and used topographical data to complete analysis of land plots and roadways.
6. Made proactive adjustments to policies and procedures to meet changing demands.
7. Measured and marked property lines and key topographic features.
8. Evaluated crew workloads and available resources to prepare schedules and equipment allocations.
9. Communicated with brokers, contractors, developers, attorneys and lenders to determine circumstances of survey request and report on factors most important to specific applications.
10. Performed field calculations to complete assessments.
11. Gathered, organized and modeled data for survey reports and presentations.
12. Assessed individual survey project needs and planned workflows.
13. Coordinated with architects, developers and inspectors in developing new construction designs for commercial, residential and industrial developments.
14. Followed local, regional and national guidelines for land surveying.
15. Located monuments and natural geographical features to report on legal boundaries of over [Number] commercial lots using metes-and-bounds method.
16. Completed complex technical surveys for development of roadway, intersection and bridge construction plans.
17. Entered legal descriptions, lot sizes and other data into online databases through AutoCAD, SurvCAD and CADD interfaces.
18. Used Trimble and Microstation to create topographical survey maps for new residential developments.
19. Created visual presentations of topographical characteristics using QGIS and ArcGIS.
20. Prepared GIS maps and written reports clearly depicting boundaries, landmarks and notable geographical features and loaded data into [Software] for design use.