1. Attended all seminars and trainings offered by company to build knowledge and improve skills.
2. Worked closely with engineers, land surveyors and other key stakeholders on different infrastructure projects.
3. Created waterline profiles and storm sewer profiles based on plans provided by [Job title]s.
4. Processed field data and created drawings for such projects as highways and bridges.
5. Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan infrastructure and construction projects.
6. Documented products and processes using SolidWorks, [Software] and [Software] to document release notes and designs.
7. Obtained quotes for project materials and communicated with suppliers to determine best pricing.
8. Inspected project sites to monitor progress and adherence to design specifications, safety protocols and state sanitation standards.
9. Facilitated construction by mapping out utility installations and establishing reference points, grades and elevations.
10. Developed, implemented and utilized systems to effectively track permits and change order requests.
11. Evaluated sites to determine soil adequacy for handling loads imposed by building foundations and associated materials.
12. Inspected installation of precast structures, underground services, concrete and earthworks.
13. Supervised construction of waste water treatment facility for [Type] location.
14. Developed low impact transportation, grading and storm water design strategies for sustainable infrastructure projects.
15. Verified construction documentation conformed to quality assurance standards and client requirements.
16. Planned, directed and participated in surveying activities and researching title reports and deeds in preparation of survey instructions.
17. Established and implemented construction schedules, methods, equipment and labor requirements, using Gantt charts and [Software].
18. Devised overall strategy for documentation and identified design sets planned for each stage of work including as-built designs and final building information models (BIM).
19. Performed maintenance duty on pumps, wastewater operations and commercial injection systems.
20. Conducted material tests and analysis using [Type] equipment and tools.
21. Liaised with civil technicians to prepare and update maps, drawings and blueprints using manual and computer-assisted methods.
22. Calculated load levels and material stress factors using [Software] to identify design constraints.