

Senior Project Engineer



The Senior Project Engineer has strong design experience, keen knowledge of the overall engineering industry, and ability to self-manage projects from start to finish. This person is charged with leading the planning, execution, and delivery of engineering projects, ensuring they meet the appropriate quality, time, and budget constraints. The Senior Project Engineer will work directly under the Director of Engineering to ensure the accuracy of all plans and calculations as well as mentor junior level staff.

Reports to: Director of Engineering

Location: Charlotte, NC

Classification: Regular, full-time (40 hrs/wk), exempt salaried

Work Environment: Hybrid (3 days/wk in company office and 2 days/wk remote from home). Occasional job site visits or meetings in the community.

Job Duties:

1. Complete designs and lead/manage teams to complete the designs accurately
2. Utilize Civil 3D and other engineering software to produce all relevant construction drawings and engineering calculations associated with a land development project
3. Lead, train, and mentor junior level engineers
4. Be the engineer of record for assigned projects
5. Must be capable of acting as the team technical lead on engineering topics and processes
6. Develop and refine organizational processes and engineering processes as it relates to building and maintaining a high performing engineering company
7. Fully prepare construction documents and all associated calculations, permit documents, reports and other associated project deliverables
8. Follow NCBELS governing rules and regulations and assist K2 Engineering NC, PLLC with staying in compliance with those rules
9. Review (QA/QC) others' work and work with non-licensed and licensed employees to revise plans as needed to meet quality expectations and schedule milestones
10. Apply project management techniques to manage schedules and budgets for all projects
11. Prepare and review working drawings, details, layouts, surveys, estimates, and work products
12. Effectively communicate with and manage clients and sub consultants
13. Perform stormwater BMP design calcs and sizing of all permanent and temporary ponds
14. Manage project critical paths and scheduling for multiple projects
15. Work independently to prepare, submit, and permit land development projects
16. Assist in the development of scopes and fees, and budget management
17. Exercise initiative, judgment, and knowledge as required in areas of responsibility
18. Perform assignments that are not completely standardized or prescribed
19. Coordinate with the work of others who assist in specific assignments
20. Interact with clients and travel to client sites as required
21. Other duties as assigned

Job Specifications:

Knowledge, Skills, and Abilities:

- Self-motivated and driven by success
- Experience designing, reviewing, and signing/sealing residential and commercial land development projects
- Understand ways to produce cost effective designs and constructable designs
- Possess the desire to help grow our workforce and company

- Lead, train, manage, and mentor employees
- Be the engineer of record for assigned projects
- Knowledgeable of all phases of a project from due diligence to construction
- Capable of workload planning for multiple projects at the same time
- Work well with others including clients, reviewers, and all other stakeholders
- Comfortable communicating with and managing clients and sub consultants
- Familiar with the rezoning process and rezoning site plan creation
- Familiar with land development permitting requirements for all different state and local municipalities
- Familiar with USACE and State 401/404 permitting requirements
- Familiar with home building best practices as it relates to land development (not vertical construction)
- Ability to organize and manage details for multiple projects concurrently and assign tasks to others accordingly
- Strong understanding of technical services, and ability to deliver quality services and deliverables
- Savvy in IT requirements and set up
- Good problem-solving capabilities
- Experience in hiring and interviewing others

Required Qualifications:

- Bachelor's Degree in Civil Engineering or Engineering Technology from an A.B.E.T. accredited school.
- Professional Engineering (PE) license in the state of North Carolina (or the ability to immediately obtain)

Preferred Experience:

- 7+ years of relevant experience
- Land Development design experience on residential and commercial developments
- Proficiency using AutoCAD Civil 3D and other engineering software

Physical Requirements

- The job requires the ability to sit for extended periods at a computer workstation. At times a site visit will be required so traversing safely on job sites is required.
- Occasional travel to client facilities and project sites requires the ability to climb ladders, inspect, and be physically mobile in and around client construction sites.
- The physical demands described here are representative of those that should be met by an employee to successfully perform the essential functions of this job.
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Note:

K2 Engineering NC, PLLC is an at-will employer. Neither this job description, nor any other company document, confers any contractual right, either express or implied, to remain an employee. Nor does it guarantee any fixed terms and conditions of employment. Employment is not for any specific time and may be terminated at will, with or without cause and without prior notice, by the owner(s), or employees may resign for any reason at any time.