

# Site Designer



The Site Designer has strong design and Civil 3D experience, keen knowledge of the overall engineering industry, and ability to produce accurate construction drawings for various land development projects. The Site Designer is charged with working with the project team to produce construction drawings, site plans, exhibits, and other documents daily.

**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. Produce construction drawings in AutoCAD Civil 3D
2. Ensure all plans and reports are accurate, precise, and ready for submittal
3. Prepare concept plans for residential and commercial projects from scratch
4. Work with other team members to effectively address permitting and internal redlines in a timely manner.
5. Prepare construction documents and all associated calculations, permit documents, and other related documents under supervision
6. Apply project management techniques to manage schedules and all project deadlines
7. Address comments received from municipal reviewers
8. Perform stormwater BMP design calcs and sizing on permanent and temporary ponds with some assistance
9. Plan workload and organize/manage details for multiple projects concurrently
10. Exercise initiative, judgment, and knowledge as required in areas of responsibility
11. Perform assignments that are not completely standardized or prescribed
12. Prepare and review working drawings, details, layouts, surveys, estimates, and work products
13. Coordinate with the work of others who assist in specific assignments
14. Interact with clients and travel to client sites as required
15. Other duties as assigned

## **Job Specifications:**

### Knowledge, Skills, and Abilities:

- Self-motivated and driven by success
- Land development design experience
- Able to work on complex land development projects
- AutoCAD Civil 3D
- Understand all project workflows, tasks, and potential roadblocks for residential and commercial land development projects
- Capable of working well with others including clients, reviewers, and other stakeholders
- Capable of completing engineering calculations
- Capable of working independently
- Knowledgeable of all phases of a project from due diligence to construction
- Work well with others including clients, reviewers, and all other stakeholders
- Familiar with land development permitting requirements
- Familiar with USACE and State 401/404 permitting requirements

- Strong understanding of technical services, and ability to deliver quality services and deliverables
- Savvy in IT requirements and set up
- Good problem-solving capabilities

**Required Qualifications:**

- Bachelor's Degree in Civil Engineering or Engineering Technology from an A.B.E.T. accredited school or 2 years of applicable design experience

**Preferred Qualifications/Experience:**

- Professional Engineering (PE) license in the state of North Carolina (or the ability to immediately obtain)
- Land Development design experience on residential and commercial developments
- Very proficient 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.***