

Duties and Responsibilities for Senior Structural Engineer

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skills and /or ability required. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.

- Design and review the design of low-rise, mid-rise, and high-rise structures composed of reinforced and precast concrete, and structural steel members.
- Review structural drawings for Code compliance and coordinate with calculations.
- Interact and collaborate effectively with internal and external team members to assure needs of the company and clients are met.
- Communicate with administrative staff and clients to provide timelines and project updates on a consistent basis.
- Prioritize and manage multiple projects within project requirements, budgets, etc.
- Perform other related duties as assigned by management.

Qualifications for Structural Engineer

- Over six (6) years of experience in structural design of low-rise, mid-rise, and high-rise buildings.
- Experience designing structural components in reinforced and precast concrete, and structural steel.
- Proficiency with structural analysis software such as ETABS, SAFE, SAP2000, SAFE, REVIT
- Familiarity with design codes and standards such as FBC, IBC, ASCE 7, AISC, and ACI
- Dependable and able to work with minimal supervision
- Excellent written and verbal communication skills as well as interpersonal skills
- Demonstrated ability to plan and organize projects
- Civil Engineering or Structural Engineering graduate
- Preferred certifications: Engineer in Training (EIT) or Professional Engineer (PE)