



Structural Drafter

Employment Type: Full-Time

Experience: 0+ years

Job Type: BIM Technician 2

Licensure: None

Education: Associate degree or Equivalent Certification

General Characteristics:

- Requires basic knowledge and understanding of building concepts.
- Requires a general understanding of professional and ethical responsibilities.
- Requires the ability to assist with the preparation of drawings using relevant software for drafting/modeling.
- Required to serve as a member of an integrated design team and drafting/modeling output along with other duties to meet project schedules and budgets.
- Requires the ability to apply prescribed techniques and procedures in accordance with SSE established criteria to perform assigned tasks.
- Requires an intermediate knowledge of AutoCAD and/or basic working knowledge of Revit.
- Requires the ability to work on a team to achieve project goals and as an individual to achieve personal goals.
- Requires the ability to work without extensive supervision.

Technical Responsibilities:

- Completes all drawings as assigned.
- Occasionally visits the job sites and works with clients.
- Works with engineers and other technicians to complete projects as assigned.
- Revises and updates existing drawings reflecting design changes.
- Reviews blueprints, plans, specifications, and other documentation if service is requested by the project engineer or project manager.
- Recognizes inaccuracies in drawings and brings them to the attention of the project lead.

Managerial Responsibilities:

- None.

Direction/Supervision Received:

- Receives close supervision on unusual or difficult problems, and general review of all aspects of work.

Communication Skills:

- Requires proficient use of the English language, both verbal and written.
- Possesses effective verbal and written communication skills.
- Assists with client, customer, or official contacts and communication pertaining to specific assignments or meetings.

Qualifications:

- **Experience:** 0+ years.
- **License or Certificate:** None.
- **Education:**
 - Associate degree or completion of a technical trade school in CAD, drafting, or related field with experience using AutoCad/Revit software or any equivalent combination of experience and training that provides the required knowledge, skills, and abilities.
- **Professional Activities:** Member of professional student organization.
- **Community Activities:** Involved in local outreach activities, university engineering clubs, etc.

Other Requirements:

- Must be physically able to conduct field inspections and testing as assigned.
- Must possess a valid driver's license and have a satisfactory driving record.

Benefits:

- Competitive Wages.
- Paid Time Off and Holidays (if eligible).
- 401(k) with Matching Funds (if eligible).
- Discretionary Bonuses (if eligible).
- Medical/Dental/Life/Disability Insurances (if eligible).

Environmental Conditions:

Office environment; field environment; construction site environment; exposure to noise, dust, grease, smoke, fumes, gases, heat, cold, and inclement weather conditions when conducting field inspections and investigations.

Physical Conditions:

The physical demands described here are representative of those that must 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.

Position may require extended periods of sitting, standing, bending, and/or walking. Must be able to frequently move about and position self appropriately to complete role responsibilities. Position may require frequently lifting and/or carrying up to 20 pounds with occasional lifting and/or carrying of up to 50 pounds. Specific vision abilities required by this job include close vision, color vision, depth perception, and the ability to adjust focus.

SSE is an EOE company. We require proof of eligibility to work in the United States, an acceptable driving record, willingness to travel and periodically adjust personal schedules to meet project needs. In addition to our focused work performance goals, SSE strives to provide intangible benefits including: a fun, friendly, and family-focused environment. We enjoy a humorous office, golf, sporting events, barbeques, and more. We feel that the success of the company is not solely based upon business, but also greatly on the value and quality of life that it provides to its employees.