



Structural Drafting Technician

Job Title: Structural Drafting Technician

Department: Engineering

Position of Immediate Supervisor: Engineering Manager

General Summary of Responsibilities:

- Develops drawings to be used for construction and manufacturing of precast/prestressed concrete elements
- Work with Lakelands' Corporate Values in mind

Essential Duties and Job Responsibilities:

- Generates construction drawings and individual shop drawings to be used in manufacturing
- Works with Sales and Engineering to ensure final products meet all requirements
- Produces material take-off's for cost estimating and bidding
- Constantly work towards more accurate and efficient design and drafting procedures
- Works with Sales and Operations to ensure that drawings are submitted in a timely manner in order to meet project benchmark dates
- Documents all technical clarifications and changes
- Maintains project files in an accessible and well-organized manner
- Identify design issues that will negatively impact the manufacturing process and/or project
- Serves as a role model for employees with regard to attendance, timeliness, loyalty, mutual respect, and support for organizational teamwork and continuous process improvement.
- Work ethic reflects Lakelands' Core Values of Quality, Teamwork, Commitment, Honesty and Efficiency

Experience Required:

- Must be proficient in AutoCAD and Microsoft applications, including Excel, Word and Outlook. Solidworks is a plus.
- Ability to read and understand written instructions, notices, handbooks, and government regulations
- Ability to effectively communicate both verbal and written ideas and observations in an understandable manner
- Ability to read and understand construction documentation, drawings and specifications
- Ability to think analytically in order to solve complex problems
- Ability to perform addition, subtraction, multiplication, division, as well as calculate percentages, area, circumference, periphery, and volume
- Ability to analyze complex geometries in order to find centroids, etc
- Ability to perform simple engineering calculations such as pressure, shear and moments



- Ability to apply basic mechanics of materials and components of reinforced concrete design in the design of precast elements
- Ability to define problems, collect data, establish facts and draw valid conclusions
- Ability to organize and maintain records in an understandable and easily retrievable manner
- Must have solid time management and prioritization skills
- Must be detail oriented in every aspect, with the ability to work under pressure and maintain quality of work and attention to detail
- Must be an enthusiastic, proactive, accountable, team player
- Must be proficient in Microsoft applications including Excel, Word and Outlook

Education:

- High school diploma or GED equivalent
- Preferably a two or four year college degree in a construction/engineering related field or equivalent work experience in field or drafting/design.

Other Requirements:

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 of the job.

- While performing the duties of this job, the employee is regularly required to walk, climb, sit, use hands to finger, handle or feel objects, as well as talk and hear.
- The work described will require the Drafting Technician to be in the plant and yard environment, independent of weather conditions.

Submit Resumes To:

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