

PROJECT ENGINEER – Outdoor Structures

A southeastern Michigan manufacturing company is seeking a career-oriented individual to Project Engineer custom outdoor structures and related architectural glazing systems.

General Description

This Project Engineer position will be full time employment. The Project Engineer is responsible for designing modular building structures and related architectural glazing systems. The Project Engineer will determine the proper product application using knowledge of systems, materials, manufacturing, fabrication and installation processes. The Project Engineer will work with clients, vendors, and internal resources to analyze project requirements to determine the best solutions for the client using our products.

Primary Responsibilities

- Interact directly with the customers to define the scope of work, choose the appropriate design, and provide the necessary field support until final installation is completed.
- Work with Sales and Estimating to review bid & construction documents. Develop material take-offs and produce sample drawings as required.
- Work as part of a team to provide problem solving in order to insure the highest level of customer satisfaction.
- Develop design based drawings based upon scope of work and contract requirements. Produce submittal drawings & complete production packages.
- Generate complete Bill of Materials.
- Generate Production Files for fabrication, packaging, and installation.
- Use investigative problem solving to resolve any product or project issues.
- Develop standard details and installation instructions for new and existing products.
- Oversee fabrication, as needed, to check for proper design and assembly.
- Assist with development of new product lines or the expansion of current lines.

Requirements

- Proficient with AutoCAD and/or Solid Works
- Working knowledge of manufacturing and construction processes
- Proficiency at reading and interpreting architectural drawings and construction specifications
- Proficient in the use of standard Microsoft Office software
- Excellent written and verbal communication skills
- Excellent interpersonal and customer service skills
- Knowledge of building codes and industry testing standards
- Experience with Project Management
- Experience in Aluminum and/or Steel Fabrication

Benefits

- 1 We offer a competitive benefit package with Health, Dental & Life benefits. Benefits also include paid holidays and vacation days. The cafeteria plan offered includes Short & Long Term Disability benefits along with a 401(k) Savings & Retirement plan.
- 2 We are an Equal Opportunity/Affirmative Action Employer.