

## **JOB DESCRIPTION**

### **Description**

CPI Daylighting currently has an opening for a **Structural Engineer**. This position reports to the Engineering Manager.

### **REQUIREMENTS:**

- Bachelor's Degree (B.A. or B.S.) from four-year College or University in Architectural Engineering, Structural/Civil Engineering or Mechanical Engineering.
- Minimum 4 years of experience in structural engineering required.
- **Curtainwall/Skylight, Building Envelope Industry experience and/or training preferred.**
- Professional engineering license (P.E.) preferred.
- Ability to read and interpret architectural drawings and specifications.
- Must be proficient in AutoCAD and RISA/STAAD (or similar design program), with working knowledge of Word Processing software, spreadsheet software, Email, database and Internet software.
- Excellent time management skills, a strong work ethic and team personality.

### **JOB REQUIREMENTS**

- Lead the production of technical documents and drawings for a project or a portion of a project to detailing and designing project conditions. Interpret project specifications, contract, cost estimate, and contract drawings. Evaluate engineering, fabrication, assembly, installation, subcontract and material costs to optimize system design.
- Create and/or supervise the development of project drawings (plans, elevations, details, embeds, layouts, tag, unit, parts, take-offs, 3D, dies, etc.) Coordinate structural design requirements and ensure that revisions directed by the Professional Engineer are incorporated into the production, fabrication and field drawings.
- Assign work to project team. Communicate with and assist other project team members (field, project managers, fabricators, suppliers, etc.) as defined in the project team set-up. Participate in training programs and department or company improvement programs. Educate, mentor, and train designers. Participate in engineering team members' reviews.