



Ericksen Roed & Associates
2550 University Ave. W, Suite 423-S
St. Paul, MN 55114
651.251.7570

Employment
Opportunity

STRUCTURAL DESIGNER/ MODELER

Company Profile: ERA (Ericksen Roed & Associates) provides full service structural engineering for a broad range of facility types. We pride ourselves on being a team of knowledgeable professionals, working toward the common goal of providing our clients affordable structures that stand the test of time. As a highly relationship-oriented firm, we advocate for owner and client needs, always looking out for their best interest. Our highest priority is to meet scheduled delivery dates, provide quality documents and offer innovative design. ERA staff thrives on quickly and efficiently finding the best solutions for each of our client's unique needs.

Job Opportunity: ERA, a leader in the Twin Cities structural engineering profession, seeks a Structural Designer/Modeler with a structural background. The Designer/Modeler plays a key role in the successful execution of projects, focusing primarily on Engineer of Record structural design documents using Revit software. Reporting to the Lead Designer/Modeler, the Designer/Modeler is responsible for producing quality construction documents, coordinating design work with other engineering disciplines, and meeting project deadlines. The successful candidate will also be expected to work within a team environment and collaborate with other project team members.

Duties:

- Perform structural drafting and design services with the ability to modify existing and create new structural design documents
- Review supplied architectural documents and internal engineering information with the use of Revit
- Develop conceptual, preliminary and construction level drawings and make revisions as needed
- Convert existing 2D structural drawings into 3D Revit models following directed standards
- Maintain quality control and accountability for the integrity of the Revit Model as the project and model progress through each design phase
- Collaborate with the project team to work on diverse projects, often requiring multiple technologies, to meet client deadlines and expectations
- Ensure all work completed adheres to company and client standards

Qualifications:

- Associate degree in Architectural/Structural Drafting
- Excellent oral, written communication/ presentation skills
- 2-4 years of Structural Revit Experience, AutoCAD knowledge is also preferred
- Advanced analytical and critical thinking skills
- Organized with the ability to work cross functionally
- Strong working knowledge of Microsoft Office applications (Excel, Word, Outlook, etc.)
- Ability to pay close attention to detail, while working with a team to deliver high quality work
- Proficient with structural engineering software, such as Revit, Bluebeam and AutoCAD

To Apply:

Submit resume and cover letter to careers@eraeng.com.

ERA is a privately held corporation established in 1984 and headquartered in St. Paul, Minnesota. ERA holds the patent for the ER-POST, a precast prestressed concrete truss that supports two levels simultaneously. For over 35 years, ERA has been committed to providing just the right structure, no more – no less. Recognized as a Small Business Enterprise through CERT, registered in all 50 states and an Equal Employment Opportunity and Affirmative Action employer.