



## **MWA, Inc. Architecture, Engineering & Interiors**

### **Senior Structural Engineer**

MWA, Inc. - Truckee, CA office is seeking a well-rounded and self-motivated applicant for immediate placement as a Senior Structural Engineer for custom residential, multi-family, and commercial projects. This position can grow based on the motivation and tenacity of the individual and their ability to work with our team.

MWA, Inc. is a fast-paced, award winning, full service architecture, interior design, engineering, and planning studio located in Truckee, California near Lake Tahoe. MWA, Inc. specializes in unique snow country design projects that focus on creativity, innovation and collaboration within a vibrant, open think-tank environment. Our goal is a sustainable balance of community, the environment, and economic reality. Our corporate culture is well known as one of respect, empowerment, mentorship, freedom, comradery, personal growth, social consciousness, and joy.

Visit [www.mwa-truckee.com](http://www.mwa-truckee.com) for more about MWA, Inc. and to view our project portfolio.

### **Candidate requirements**

- Must be local to the Truckee/Tahoe area or willing to relocate.
- MS or BS degree in engineering with structural emphasis from an accredited engineering program.
- Licensed professional civil engineer (PE) in California and Nevada.
- Possibly pursuing or has obtained Structural Engineer (SE) licensure.
- Working knowledge of softwares such as Revit, Autocad, Excel, Eneclac, and Risa3D.
- Ability to quickly perform rough structural calculations and/or approximations.
- Depth of understanding of current building codes including IBC, CBC, ASCE 7, ACI 318, AISC 341 & 360, NDS & SPDWS, and TMS 402/602.
- Ability to quickly identify and provide solutions for engineering problems that arise during design and/or construction.
- At least 10 years of experience designing residential and commercial buildings including, with emphasis on complex custom residential and commercial buildings utilizing standard wood framing, structural steel elements, steel moment frames, heavy timber, concrete retaining walls and foundations in new structures, remodels/additions/renovations/repairs as well as conducting field investigations and construction phase observation.
- Familiarity with designing structures for snow and ice, earthquakes, and high wind.
- Able to communicate effectively with personnel at all levels of the company as well as outside agencies, contractors, consultants, and clients.

- Excellent communication, teamwork, and problem solving skills.
- Ability to work independently and manage multiple tasks effectively.
- Strong work ethic and a willingness to learn and grow.

### **Requirements**

- Physical Body Positions and Movements: Standing, kneeling, bending and sitting for long periods of time. Carrying, use of hands, arms, legs, eyes, ears and voice. Must be able to negotiate rugged terrain on foot.
- Physical Appearance: Must be presentable.
- Mental: Good design and problem solving skills.
- Language requirements are reading, writing, spelling and ability to communicate clearly in English. Ability to respond effectively to inquiries and complaints.
- Reliable Transportation.
- This position requires regular local travel for client meetings and site visits.

### **Skills and attributes for success at MWA**

Self-starter who is motivated and able to work independently

Team player who can work collaboratively in a fast paced environment

Communicator with superior written, verbal, and graphic skills

Problem solver with strategic thinking skills

Organized planner able to balance multiple projects and deadlines

### **Job Description**

#### **Engineering**

- Assume structural lead role on projects including oversight of engineering technician(s) and structural designer(s).
- Prepare structural design including framing layouts, member sizing, lateral design, and detailing for structural projects.
- Prepare engineering calculations to support structural design using a combination of hand calculations, spreadsheets, and analysis software.
- May delegate portions of structural design to structural designer(s) and oversee their performance.
- Perform structural observations of projects during construction and prepare letters documenting findings.
- Respond to questions during construction, both formally and informally.
- Provide guidance on structural system options to the architectural team during schematic design.
- Perform quality control review of projects designed by other structural leads.
- Maintain MWA, Inc. operations, quality and CAD standards relative to the structural design of the project.

### **Project Management**

- Prepare strategic plans for project success.
- Manage structural design of multiple projects simultaneously during design and construction.
- Monitor structural design progress with respect to internal milestones, submittal deadlines, and project budgets.
- Plan and schedule structural work based on deadlines and available personnel.
- Attend regular project manager scheduling meetings.
- Communicate with the principal engineer, architectural project lead, contractors, suppliers, and other structural team members on a regular basis throughout the project.
- Review and quality-control of designs prior to handoff for final review by principals.
- Occasionally research new products and assemblies, review building code requirements, etc.
- Occasionally assist with other duties assigned by management.

### **Business development**

- Meet with prospective clients on structural projects.
- Convey what structural requirements may exist to prospective clients for their project as well as our role as the structural engineer.
- Accurately estimate project fees/hours for inclusion in proposals.
- Prepare proposals for structural-led projects under supervision of a principal.
- Identify and/or develop new opportunities for structural design work.

### **Benefits**

Offering a full suite of benefits, MWA, Inc. is focused on investing in our employees who enable our company to fulfill our mission and achieve success. We want to promote balance, so you not only enjoy your work, but also have the time and resources to live your life and be happy and healthy.

- Medical, Dental and Vision- MWA, Inc. pays 100% of all qualifying employee medical premiums
- Basic Life Insurance
- 401(k) and 401(k) matching (up to 4%)
- PTO, Sick Time, and 7 Paid Holidays
- Education Assistance
- Flexible schedule, hybrid office attendance
- Bonus opportunities
- Full time position
- Dog friendly office environment: Well behaved dogs welcome!

Estimated hourly pay (dependent on experience): \$50 - \$75

Please submit a cover letter and resume with references in PDF format to [hiring@mwa-truckee.com](mailto: hiring@mwa-truckee.com).