

Position: STRUCTURAL ENGINEER FOR SOLAR EVALUATIONS (E-1, E-2, or E-3) – Full-time employee

Location: Minneapolis, Minnesota

Description

- Participate as a STRUCTURAL ENGINEER in a variety of large and small solar installations on new and existing roofs and grade-mounted applications throughout the United States
- Lead and/or assist MBJ engineering design teams in a rewarding, supportive, and fast-paced environment
- Work closely with outside clients, including product developers, contractors, and owners to coordinate and expedite effective delivery of solar projects on time and on budget
- Routinely meet complex, and often unique, engineering challenges with effective solutions delivered professionally, reliably, and with a strong commitment to client success
- Evaluate existing buildings of every vintage and nearly every construction material and system, providing a great variety and challenge of work type
- Act in both a project management and design engineer role, mostly in the office, but also including site visits on a regular basis

Required Qualifications

- Academics: B.S. or M.S. degree in Structural or Civil Engineering
- Experience: 1 year designing building or similar structures

Desired Qualifications

- License: P.E. or S.E. desired, but not required
- Familiar with current design and material codes (IBC, ACI, AISC, NDS, etc.)
- Familiar with structural systems for typical structural materials including soils, concrete, steel, masonry, and wood
- Fluent in MS Office Suite, Risa (or equivalent), Bluebeam, and Sketch-up
- Experience in evaluating existing buildings for new loads and for retrofit design

Desired Qualities

- Passion for structural engineering
- Effective technical and organizational skills
- Self-motivated, strong work ethic, and commitment to a high level of service to co-workers and clients
- Excellent verbal and written communication skills
- Strong social skills with a desire to collaborate
- Entrepreneurial thinker with a taste for out-of-the box problem solving
- Focused on a professional career of excellence
- Long-term commitment to personal growth and growth of the firm

Benefits

- Competitive pay and benefits commensurate with experience and qualifications, including health, dental, disability, flex-benefits, 401k, mass transit card, continuing education, flexible schedule, travel pay, etc.
- Ability to work with stimulating colleagues on a daily basis in an environment that is challenging, fun and promotes individual growth, teamwork, and creativity

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