



Position: Licensed Civil/Structural PE, Manager (Full Time, On-Site)

Job Summary: This position is a Supervisory role responsible for directly leading/managing Boxman Studios' Engineering department. This position will also work with the Sales, Design, QAQC, Manufacturing, and Estimating department leads to support proposal planning, coordination of project activities, schedules, and determining the most effective and efficient means in completing projects from a Project Management and Engineering perspective. This role will also be responsible for leading cost, schedule, scope, resource management, technical, construction and engineering aspects of projects in addition to being expected to operate at both the supervision and execution level. The Structural Engineering Manager will report to the Director of Design and Engineering/Creative Director.

Requirements & Responsibilities:

- Qualified candidates hold a valid US PE license – Prefer North Carolina.
- Primarily responsible for the Structural Engineering and creation of accurate Bills of Materials/takeoffs for modular steel structures in a temporary, semi-permanent, or permanent setting at many different install locations worldwide. Typical projects are 1-2 story structures built from joined steel chassis.
- Oversee and assist in creating and maintaining engineering documentation related to product specifications, development, design, prototyping, validation, and technical compliance.
- Ensure proper and calculated designs and design layouts, detailed drawings with material specification, structured bill of materials for parts, assemblies, and systems are accurately completed and on schedule.
- Obtain quotes from third party design and engineering vendors to Sales and Estimating.
- Communicate with third party vendors to assist in internal and external design review of designs and design layouts.
- Oversees 1-3 person Design Engineering team to ensure quality performance and adequate staffing in order to meet and/or exceed project and company targets and goals.
- Ensures that projects are implemented effectively, complying with all regulatory and permitting requirements and meeting expected scope, schedule, and budget – Working with PM Department.
- Oversees the coordination, facilitation, and explanation of architectural plans/drawings, structural engineering plans, and MEP drawings with Boxman's projects.
- Professionally communicate with Boxman's clients and supplier (third party vendors) representatives to resolve project problems and negotiate configuration changes (when required).
- Assist and guidance in the preparation, management and execution of project plans covering the full execution scope from cradle-to-grave.
- Engage with the project management and engineering departments to ensure teamwork, recognition, collaboration, and effective communication to achieve individual, company, and client goals.
- Serves as the primary liaison on projects in engineering.
- Develops and maintains relationships with third party vendors and partners.
- Ability to establish a good working relationship with team members across all departments as well as with outside partners and vendors to ensure a high level of overall service to Boxman's clients.



- Perform effective leadership to the engineering department.
- Ensure that project management and engineering department KPIs are met, in addition to making any necessary adjustments and decisions to meet or exceed expectations relating to department KPIs.
- Review Structural, Architectural, MEP, and Shop Drawings to ensure accurate information. Own redline of designs and revisions, delegate to team members.
- Make sure drawings at the end of projects are as-builts. Update as necessary.
- Assist in creating and leading a R&D program for new ventures (i.e. hydraulics).
- Document and enforce Boxman standards and include them in assemblies (i.e. drip edges).
- Design new scaled drawing templates for Boxman.
- Review projects and engineering contracts before Boxman execution to mitigate risk.
- Works in a fast-paced environment with multiple projects and deadlines.
- Ability to communicate clearly and be customer facing, if needed.
- Proficient in structural analysis models, create and implement program.
- Working knowledge of Building Codes and Design Codes (AISC, ACI, ADA, etc.)
- Perform other duties and responsibilities as requested or determined by the Executive Team.
- Uphold and exemplify Boxman Studios' Core Values (provided below).

Job Qualifications

- **Licensed Professional Engineer.** BS Degree in Civil/Structural Engineering.
- 3-6 years of Structural Engineering experience.
- Minimum 1-3 years in a managerial/supervisory role with direct report responsibilities.
- Demonstrated ability to lead, influence, motivate, and develop staff in a team environment.
- Ability to effectively lead, manage, and perform operational tasks on time and adapt to changing priorities and projects.
- Ability to calculate and make critical decisions independently and under pressure.
- Effective project management skills; budgeting and cost control; planning and scheduling; establishing, communicating and monitoring scope of several projects at one time.
- Ability to resolve conflicts based on sound judgment and technical reasoning.
- Working knowledge of Solidworks, AutoCAD, MS Office Suite including MS Project, Excel, Office 365, and Hubspot.

See attached page for Core Values:



Core Values

1. Passionate, Dedicated, Hungry for Knowledge
 - a. The job isn't finished until the job is finished.
 - b. Working outside of our set job descriptions and expectations.
 - c. Constant search for new methods/materials.
2. Problem Solving via Innovation and Imagination
 - a. Listen first.
 - b. Open Collaboration.
 - c. Raising the bar on every project.
3. Driven to do the Impossible
 - a. Outside the box thinking.
 - b. Believing we can solve any problem.
 - c. "No" isn't part of our lexicon.
4. Family, Fun, Respect
 - a. Honesty and integrity in our people and through our actions.
 - b. Commitment to teamwork.
 - c. Delivering results so we all benefit.