



Position Profile

STRUCTURAL ENGINEER

Role Summary:

This individual provides technical expertise in the field of structural engineering to support various marine and waterfront projects, including, but not limited to, analysis, design and preparation of plans and technical specifications for piers, wharves, mooring structures, bulkheads, seawalls and other waterfront structures.

Reports To:

- Project Managers / Principals

Key responsibilities include, but not necessarily limited to:

- Performs tasks in the field of structural analysis and design; including but not limited to reinforced concrete design, steel design and timber design;
- Implements design best practices in areas of expertise, in addition, ensures conformance with all applicable codes, standards, and client requirements;
- Performs structural analysis and design calculations;
- Prepares construction documents;
- Perform field measurements, documents, and assess existing structures.
- Performs/oversees construction administration activities.

Qualifications & Skills Required:

- Bachelor of Science degree in Civil Engineering with a concentration in Structural Engineering. Master of Science degree preferred.
- Professional Engineer Registration
- 5-10 years previous structural engineering support with an emphasis on waterfront and coastal design, construction, maintenance, and rehabilitation
Proficient in AutoCAD
- Excellent written and verbal communication skills
- Self-motivated, flexible, and able to handle multiple tasks in a fast-paced environment
- Strong interpersonal, organizational and time management skills
- Ability to work part of a team and independently
- Interest and comfort level with being around and on the water