



JOB DESCRIPTION

STRUCTURAL ENGINEERING MANAGER

As the Structural Engineering Manager, you will be managing our technical team and the Victoria operations, including project files, budgets, schedules, and estimating on the Island. Our technical focus is primarily on the structural aspects of buildings with some cross-over into building science, fire protection and civil infrastructure. Projects are a diverse mix of evaluation, design and field work with a focus on building with new construction technologies.

Key Responsibilities

- Managing the consulting office technical operations, responsible for all aspects of projects and a staff of 3 EITs and/or Technologists, with the objective to grow to a team of 5-8 technical staff over next several years.
- Oversight for project estimating and client contracts.
- Developing close relationships with long-term clients in a key consultant role.
- Hiring, training, mentoring of technical and non-technical staff.
- Leading projects in a working and reviewing capacity, executing key tasks that involve:
 - Structural design of residential and commercial buildings (foundation/frame and/or secondary components) for new construction, renovations and additions.
 - Structural design of special (non-building) structures (e.g bridges, towers, government/military infrastructure), often includes monitoring, testing, and follow-up evaluation and certifications.
 - Coordination of laboratory testing programs of structural and architectural components (e.g. ICFs, guardrails, exterior cladding), publishing of code evaluation compliance reports and engineering design guides for innovative new building products.
 - Field investigations at building failures sites (wind, water, fire) to assess cause and determine design solutions for remediation, often related to insurance claims.
- Quality Control activities such as writing work procedures, checklists, file organization, project lists, scheduling, renewals of evaluation reports and certifications.
- Continual learning in specialized areas of structural and building science codes and standards, through participation in industry associations and courses.
- Attendance at job sites across Vancouver Island, and occasional travel to other areas of Canada and US for both technical and business development purposes.
- Reporting to the company President, operating as a steward of leadership contributing to the success of the organization and those to which we serve.

Qualifications

- Professional Engineer licensed in BC with technical background in Structural and Building Sciences.
- 8+ years professional experience of progressing responsibility that includes:



- Working knowledge of Canadian and USA building codes and materials design standards.
- Team supervision and leadership, inclusive of technical oversight, hiring and performance coaching.
- Contacts within Vancouver Island construction industry such as architects, developers, contractors, regulators, trade associations, insurance agents, government and military an asset.
- Strong communicator with industry contacts to further business growth.
- Completion of multiple consulting projects as project leader relating to building design, evaluation of construction materials and methods, with deliverables of plan drawings and technical reports.
- Experience with budget of projects and staff/office profitability and production growth.
- Exceptional report formatting and persuasive writing style.
- Driver's Abstract required and personal vehicle insured for business use.
- Commitment to client service, technical excellence, teamwork, and career-personal growth.

Company Overview

BOCA Engineering Co. SPAR is a locally owned and operated structural engineering company headquartered in Victoria, BC, serving the Vancouver-Island based construction industry and consulting on building with new innovation construction methods across Canada and USA. BOCA-SPAR provides services that include structural building designs for new construction and renovation, product code evaluations, laboratory testing programs, remediation assessments/solutions, and specialty (non-building) structure designs.

We believe in developing leaders from the ground up, starting with hands-on technical operations, leading to project and client management, and then guided growth to the aspired seniority level. Team members are able to rotate through several roles in their interest areas, keeping work fresh and exciting while expanding skills and knowledge. We are committed to enabling team members to reach their career aspirations and beyond in a positive culture of partnering, mentorship and respect.