



Element Forensic Engineering's mission is to provide all encompassing industry leading services, innovative solutions, and collaborative support, at an exceptional value.

We are dedicated to:

- Conduct ourselves with a commitment to social responsibility.
- Deliver high quality products with exemplary timelines.
- Be positive, helpful, and available.
- Lead, not compete.

Title: Technical Designer

Reporting Manager: Technical Manager

Position Overview:

The Technician Designer is responsible for the drafting design processes of residential, commercial, industrial and institutional buildings after a disastrous incident. The role supports the team that responds to the needs of the Project Managers assigned to the project on site and in the office environment.

Key Responsibilities:

- Develop structural design and drafting of detailed drawings for restoration of damaged structures using sketches obtained on-site using Autodesk Revit.
- Obtain architectural and structural measurements and prepare rough sketches while on site.
- Strong proficiency of Building Code parts 3, 4 & 9.
- Research failure modes and code requirements as required. Prepare all necessary reporting and permit drawing generation outlining all restoration/renovation work.
- Ensuring compliance with industry standards and company expectations.
- Review, validate and provide feedback on drawings created by other team members to ensure quality and consistency.
- Function in a defined professional capacity with clients, contractors, building owners, and building officials.
- Manage time to consistently meet strict deadlines.
- Demonstrated strength in taking initiative and managing tasks independently, while contributing effectively to multi-disciplinary teams on large, complex assignments.
- Practice proper safety protocols and supplied PPE when applicable (on sites).
- Request feedback and act on the opportunities to develop and grow skills to reach the organizational progression path.
- Address work-related concerns promptly with superiors and accept support for improvement where necessary.
- Engage in continuing professional development program(s) and course(s) to stay updated and augment professional knowledge and competency.
- Foster a positive and productive work environment, ensuring clear communication and alliance across the team(s).
- Take appropriate steps to advance through the stages of progression as detailed in the EFE Standards and Procedures for the role.
- Continuously monitor and assess personal and departmental processes and procedures; identify areas for improvement and suggest solutions to enhance efficiency within the technical division.

Administrative Duties:

- Accurate and timely logging of billable hours with project numbers is essential.
- Ensure all projects are completed expertly and as scheduled and communications are forthcoming to all involved parties.

General:

- Embody and promote the values of Element, acting as a brand ambassador for the organization.
- Any other duties needed to help drive our Vision, fulfill our Mission, and abide by our Organization's Values.

Qualifications:

- **Education:** College 2- or 3-year certificate in a Structural Architectural field from a recognized educational institute.
- **BCIN** Certified
- **Experience:**
 - A minimum of 5 years of direct experience in structural design, with specific expertise in wood frame construction.
- **Skills & Knowledge:**
 - Proficiency in Autodesk Revit and CAD software.
 - Familiarity with the Ontario Building Code, Parts 3,4 &9.
 - Strong technical acumen and ability to oversee assigned projects.
 - Proven ability to work within a team and as well, work independently with minimal to no supervision.
- **Licensing & Certifications:**
 - Must possess and maintain a valid Ontario Class "G" Driver's License and access to a properly insured vehicle.
- **Communication Skills:**
 - Exceptional verbal and written communication skills, with the ability to effectively communicate complex technical information to both internal and external stakeholders.

Work Location: Office based in Burlington, Ontario and site visits as required.

Salary: CA \$60,000.00 - CA \$70,000.00 per year