

## **Senior Structural Engineer**

### **Building Science Division, Paterson Group Inc. – Ottawa, ON**

Paterson Group, one of Canada's oldest geotechnical engineering consulting firms, is recognized for expertise in geotechnical engineering, environmental engineering, hydrogeology, materials testing, noise, and vibration studies, structural engineering and building science engineering. Customer service is our first priority. We provide professional services based on technological expertise, interactive project management, a wealth of local knowledge, and creative solutions.

Paterson Group's client base includes major developers, building owners, property management firms, condominium properties, and many other public and private housing and commercial building groups. Paterson Group offers the opportunity of a rewarding career at a highly successful consulting firm. You will be part of an engaging team of engineers and technologists working on exciting and challenging projects in a culture of mentorship, continuous learning, and collaboration.

The Ottawa office has an immediate opening for a full time Senior Structural Engineer within the Building Science Division. We are looking for the best and the brightest candidate to fill this role; the reward is a competitive salary and benefits package. We also offer annual performance bonuses, contribute to RRSP's, group employee benefits, often hold extracurricular social events along with several other perks.

This position is unique and challenging, as Paterson Group's structural engineering services do not include typical new construction design and other common services provided by other firms. Instead, Paterson focuses on specialty structural engineering services, including:

- custom structural designs for building/home renovations and custom builds;
- structural assessments: adequacy review or due to failure;
- concrete rehabilitation: parking garages, balconies, other structures;
- cladding systems;
- railing and guard design;
- load testing: roof anchors, guards, anchor bolts, uplift resistance, bond strength;
- various other miscellaneous services, to expand on our current base of clientele.

#### **Duties and responsibilities for this position will include:**

- Lead and oversee the design, analysis, and implementation of various structural engineering projects for new and post-construction restoration projects.
- Oversee on-site visual and destructive investigations or testing of structural components to produce technical engineering reports.
- Senior consultation and review of technical reports and project specifications prepared by junior engineers and technologists for various structural related projects, assessments, and investigations.
- Oversee field inspection and reporting for various structural related construction projects.
- Stay up-to-date with the latest advancements in structural technologies, and building code standards.
- Prepare engineering proposals for structural related projects and liaise with clients.
- Technical guidance and mentorship to junior engineers and technologists.
- Various other miscellaneous duties and responsibilities.

**The ideal candidate for this dynamic and challenging role should have the following qualifications:**

- Completion of a degree in an engineering program with a focus on Structural Engineering.
- Be a licensed and registered Professional Engineer in the Province of Ontario with the ability to affix professional seal and signatures on documents and drawings.
- 10+ years' experience in structural design and project execution.
- Previous working experience within a professional services or consulting environment and/or building envelope engineering.
- Thorough knowledge of the Ontario Building Code, construction, and contract legislation.
- Ability to deal tactfully and communicate effectively with clients, contractors, engineers, architects, and co-workers.
- Excellent oral and written English communication skills.
- Effective organizational and time management skills, for concurrent handling of multiple in-progress projects.
- Ability to work effectively both independently and in a team environment.
- Demonstrate willingness to be flexible and adaptable to changing priorities.
- Self-motivating and the ability to multi-task.
- Excellent interpersonal skills to develop and maintain client relationships.
- Detail oriented with good critical/analytical thinking skills.
- Proficiency using Microsoft Office Products (Word, Excel, Outlook, Teams).
- Valid driver's license and a reliable vehicle is a must.
- Fluently bilingual in French and English would be considered an asset.

**Physical Requirements**

Field work may include climbing ladders, performing inspections at higher elevations (including swing stages, with proper training) and exposure to the elements including inclement weather. Ability to occasionally lift and move items and equipment up to 50 lbs. The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

We appreciate the interest and efforts of all applicants; however only those short-listed as candidates will be contacted.