

Growing Engineering Consulting business in Burlington, Ontario with evolving market clients across Canada is expanding to accommodate new business opportunities. We require the following personnel for new and renovation projects:

Structural (Civil) Engineer – Jr./Int.

- Review client requirement and prepare service proposals
- Conduct structural analysis/design and prepare notes, sketches, etc. for CAD technologist
- Prepare project documents, reports and construction notes
- Provide peer review of design by other engineers
- Site observations for General Review of Construction
- Means and methods design and details to support construction contractors
- Prepare tender documents and project specifications

MUST have:

- Current PEO License or provisional License or progress toward license (EIT, supplemental courses, etc.)
- Experience doing structural design
- Thorough knowledge of CSA standard S16 (Steel Structures) and supporting concepts
- Bolted and welded connection design experience, possibly for structural fabricator
- Functional computer keyboard/mouse skills to effectively use computer software
- English language competence: spoken, written
- Own car for occasional use on company business. Mileage will be paid
- A willingness to learn and share knowledge at an advanced level

Experience/Skill preferences:

- Projects involving Pre-engineered Metal Buildings (PEMB) as project consultant or with general contractor
- Shallow foundations: spread footing; slab on grade (industrial) floors
- Knowledge of CSA S136 (Cold Formed Steel Structures), A23 (Concrete) and S6 (Bridges)
- Ability to perform basic tasks using CAD software (e.g. modify details, add notes, plot, etc.)
- Experienced with computer based design/analysis software (RISA, SODA, RAM, Mathcad, spreadsheet, etc.) and common office software (word processor, email, project management, web browser, PDF document management, etc.)
- Building science engineering or Architectural engineering training or experience
- Specify appropriate products to suit project requirements and qualify eligible suppliers

We will:

- Support your efforts to grow personally and technically
- Assist with professional contact and development hours for license maintenance

Be prepared for:

- Occasional site visits including construction sites
- Work in a small office where everybody is responsible for general housekeeping (e.g. make coffee, clean cups, take out the trash, etc.)

Send an informal 1 page email or cover letter (no resume) to PRE@PaulRansom.ca explaining how you fit these requirements, your career expectations and focused personal interests (does not have to be technical).