



## **Position: Structural Engineer.**

### *Requirements:*

- 5 years design experience.
- Possess a University Degree in Civil/Structural Engineering from a recognized University.
- Registered with the Professional Engineers of Ontario (additional registrations would be an asset).
- Consulting and project management experience.
- Experience dealing with clients on technical issues.
- Good working knowledge with structural engineering software such as SAP2000, ETABS, SAFE, RAM Steel, spSlab, spColumn, AutoCAD, etc., and MS Excel.
- Experience working with structural design teams, sub-consultants, and co-ordinating structural project work.
- Prepare design calculations, specifications, scopes of work and other technical documents, as well as technical review of structural work.
- Oversee the production of detailed design drawings of various structural projects including but not limited to reinforced concrete, structural steel, timber, light gauge steel.
- Review drawings, specifications and documents to ensure high level of quality and compliance to applicable building codes and endorse with P. Eng. stamp.
- To manage and mentor engineers-in-training and drafting staff including input to the career development, technical direction, training recommendations, coaching and performance reviews.
- Estimate projects.
- Strong and positive interpersonal and leadership skills.
- Strong structural analysis and design experience:
  - 1) New building design (commercial, institutional, light industrial, residential)
  - 2) Concrete and steel design skills are mandatory. Additional design skills deemed desirable include: light-steel framing, light-timber framing, heavy-timber framing, aluminum, glass, stainless steel.
  - 3) Renovations to existing buildings
- Experience and knowledge of structural design of supports for cladding systems, including stone is an asset.
- Willing to travel and carry out site inspections and fulfill other contract administration responsibilities.
- Ensure client requirements and schedules are met and exceeded on a regular basis.
- Participate actively in, contribute to, company meetings and events.
- Contribution to the development of client relationships and new business opportunities including the preparation of proposals and attendance to sales meetings.
- Able to manage clients and client expectations in a professional manner.
- Solid communication skills including written and verbal.