

Vacancy: CIVIL ENGINEER / TECHNOLOGIST, BUILDING

A civil building design engineer / technologist is required, who is flexible in their continued learning / development. This position is a challenge, and we are looking for that one candidate who can rise to the occasion. The position is rigorous in its expectations, and equally rewarding for those who can achieve and prosper.

Scope of work

Projects to be involved with would include; Structural design in wood / steel and concrete, and site services for renovations, additions and new construction. The type of work is highly varied, and non-repetitive.

Areas of practice include, Residential, Commercial and Industrial Buildings. Clients vary from large multi-national corporations, to one owner private buildings / projects.

Responsibilities

- Investigate project design requirements, research code / design aspects, apply requirements to a design, for review by the principal.
- Provide calculations and design summaries for Structural, and Building related works, as required.
- Prepare CAD plans and specifications for projects, typically for a permit application and/or for construction.
- Provide field reporting for ongoing construction works, and report on findings relative to the construction plans.
- Communications with clients from initial project investigation to project completion.
- Coordinate with Municipalities regarding regulatory and permit works.
- Responsibilities may increase with a competent candidate, as one's proficiency grows.
- Will be working with the Principal (P.Eng), and other Designers / Engineers and EITs.

Required Skills

- Functional in all MS Office suite software.
- Well versed in building design works using AutoCAD 2D.
- Familiar with CSA S16 (steel), CSA A23 (concrete), CSA O86 (wood), having used these codes / standards and the respective Blue, Red and Yellow handbooks on past projects.
- Experience with site servicing plans.
- Familiarity with frame analysis software (S-Frame experience is preferred).
- Ability to investigate project information and gather data that is absent / unclear, as related to a project deliverable.
- Ability to work from verbal instructions for project deliverable.
- Have good mental retention of materials that are read, and be able to apply that knowledge long after first instance of reading.
- Must be able to work on numerous projects within a work week.

Required Experience

- At least 4–7 years full-time experience in the building industry post-graduation (not including co-ops), in building design structural.
- International experience is desirable, though not a requirement.
- Those candidates with a track record of on-going education will be favoured.

Career Development and Training

- Individual must be working towards their PEO / CET license and engage in the EIT / internship program.
- P.Eng licencing is desirable, though candidates who are working towards their licence are considered equally.
- BCIN registration (Ministry of Municipal Affairs & Housing) is highly desirable. MMAH course manual completion and application of that knowledge is a minimum requirement once in the position.
- Self-training for technical skills related to the position is a must. Materials for self-learning will be made available.
- Annual professional training is encouraged (portions of training area funded).
- The opportunity to grow in your applied knowledge and career development.

Transportation

- You are responsible for your transportation to work each day.
- Parking is available at the office.
- A vehicle is required for site inspection / review works. Candidate must have their own independent transportation.

Other Job Details

Looking for an active individual who can work within a varied work environment. You will not be doing the same thing each week. Project demands are varied and the individual must be able to adapt to changing needs, from client to client and project to project.

This is an ideal position for a person who is able to learn fast, apply that knowledge, and be ready to learn again the next day.

Apply to D. Gregory Weekes at

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