

Job Title: Building Engineer

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Posting Id	561
Department	Planning and Infrastructure Department
Division	Regulatory Services
Rate of Pay	\$51.32 -\$59.53 Hourly
Job Type	Full Time
Replacement/New Position	Replacement
Posting Type	Internal and External
Posting Date	11/11/2020
Application Deadline	11/27/2020

Position Summary

Reporting to the Manager, Plans Review and Compliance, the Building Engineer is responsible for analyzing building permit applications and conducting site inspections for compliance with the Ontario Building Code, related regulations, and applicable laws with respect to all new or existing construction regulated by the Building Code.

Key Duties and Responsibilities

- Review building design drawings and plans to ensure compliance with the Ontario Building Code, related regulations, and applicable law for all building types
- Identify deficiencies and follow up to ensure resolution before approving and issuing permits
- Coordinate with other staff, other departments and stakeholders as necessary to ensure thorough review
- Respond to enquiries from stakeholders via phone, email and in-person regarding code compliance issues and concerns
- Provide written instruction regarding necessary documentation and approvals for building permit applications
- Review and distribute technical information reports to staff regarding new and /or alternative building systems.
- Provide guidance and interpretation assistance to junior section staff to resolve complicated Code-related issues on engineering plans and drawings
- Perform site inspections with building, mechanical and fire inspectors to investigate and resolve complex technical problems
- Resolve engineering issues on-site when there are deviations from the approved plans during construction
- Provide guidance to relevant divisions for matters pertaining to the Building Code
- Attend pre-consultation meetings with architects, developers, code consultants when necessary for large and complex projects
- Discuss alternative compliance issues using the objective-based compensating measures
- Discuss and identify potential Code non-compliances on drawings and provide information on other approvals, clearances and steps involved as appropriate
- Review and prepare comments on planning circulations with respect to the design requirements of the Ontario Building Code, Ontario Fire Code, NFPA standards, and other reference documents as applicable
- Provide preliminary building code input that could impact the final design of the project
- Review and comment on reports for soils and water table conditions as appropriate
- Able to discuss topics relating to building design in meetings to facilitate resolution to complex Code interpretation issues
- Prepare correspondence to designers and owners identifying deficiencies on drawings and proposed remedial steps to be taken

Education and Experience

- Degree in Mechanical or Structural Engineering or related discipline
- P. Eng designation is required
- Successful completion of Ministry exams as related to building inspection (Large Buildings, Complex Buildings, Building Services, etc.) is required
- 7 years of related experience as a practicing professional engineer, including work in both a municipal and consulting engineering environment

Required Skills/Knowledge

- Proficient in Microsoft Office Suite, engineering-related software

- Experience in engineering design in engineering consulting firms
- Experience performing site inspections
- Fundamental knowledge of other related engineering areas (i.e. architectural, structural, and electrical building systems and services, as well as controls and instrumentation principles and processes)
- Knowledge of applicable Canadian Standards for building materials, design and construction
- Knowledge of and ability to apply the Ontario Building Code, and other applicable legislation and regulation
- Project management skills
- Excellent analytical and critical thinking skills
- Demonstrates good judgment and makes sound decisions
- Shows commitment to personal growth, development, and leadership opportunities
- Shares new ideas and challenges the status quo
- Proven written and verbal communication skills with the ability to communicate with honesty, openness, respect, and trust
- Takes initiative to participate in a culture of learning, mentoring, and sharing
- Contributes to building and being a part of a positive culture
- Must possess a valid Ontario Class "G" Driver's License, and have access to a vehicle for use on corporate business (mileage compensated) and will be required to provide proof of vehicle insurance upon hire
- Office Environment with limited physical effort required - occasional lifting of heavy drawings as well as occasional site visits required
- Demonstrate the City's corporate values of care, collaboration, courage and service

Leadership Competencies

- Demonstrates personal leadership
- Builds people and culture
- Cultivates open communication
- Shapes the future
- Navigates and leads through complexity and change

The City of Richmond Hill is committed to inclusive, barrier-free recruitment and selection processes. If contacted to participate in the recruitment and selection process, please advise Human Resources if you require an accommodation.