



Hasan Robah

C. Tech., BCIN

Structural Designer

OFFICE

Burlington

EMAIL

hrobah@ocig.com

CONTACT

1 (888) 624-3473, ext: 201
(437) 286-6919

Hasan specializes in preparing Structural Drawings, Architectural Drawings, Site Plans, Structural Calculations for Part 9 Buildings and Commercial Units. Hasan also has comprehensive knowledge in applying the Ontario Building Code, whether Part 3, Part 4 or Part 9, to Residential and Commercial Buildings. Hasan is well versed in the Zoning Bylaws and the Building Permit Processes in most of the municipalities in Ontario. Utilizing this knowledge, Hasan is an expert at securing Building Permits under his seal as Registered Building Code (BCIN) Designer. Throughout this process, Hasan has conducted numerous Building Inspections and managed numerous projects from start to end. Hasan is also an associate member of the Ontario Association of Civil Engineering Technicians and Technologists.

EDUCATION

Seneca College

Civil Engineering Technology, Ontario Advanced Diploma
2020

Alexandria University

BSc. Civil Engineering
Alexandria, Egypt
2017

PROFESSIONAL REGISTRATION & LICENSING

Registered Building Code Designer BCIN #116777:

- House
- Small Buildings
- Building Structural

TECHNICAL AFFILIATIONS

- Associate Member of Ontario Association of Civil Engineering Technicians and Technologists (OACETT)

PROFESSIONAL EXPERIENCE

Structural Designer and Forensics Investigator

OCI Group
Burlington, Ontario
April 2022 – Present

- Interpret field notes, sketches and data from engineers and investigators to create design drawings for rebuild of damaged buildings
- Perform field verification and measurements and accurately transfer this

information to the drawings

- Prepare formal engineering plans, drawings and procedural documentation as required by building departments
- Create plans in accordance with applicable codes in correspondence with standards relevant to design specification
- Prepare details for individual structural members and connections
- Provide project drafting and be accountable for schedule and efficiency
- Perform quality control and field dimensional checks to confirm items are built in accordance with drawings, document control
- Conduct site observation and/or inspection activities during design or construction phases of the project
- Liaise with contractors, design professionals, district staff and city inspection authorities for the purpose of coordinating projects, project design, costing and obtaining permits

Supervisor of Design & Engineering

YEJ Studio & Consulting Inc

Mississauga, ON

May 2018 – April 2022

- Review project requirements and assign tasks to Architectural Designers
- Provide Structural and Architectural design support for new builds and renovations when needed
- Prepare building code analysis and applying OBC requirements of Part 3, Part 4, Part 9 and Part 11
- Preparing structural plans and calculations related to permit drawings using CSD iStruct Software for Wood Framing and RAM Structural for Steel & Concrete
- Examine and correct permit drawings and packages to ensure compliance with Ontario Building Code and adequate engineering design standards prior to permit application submissions
- Visit construction sites to ensure work compliance with permit drawings and construction approved standards and practices
- Resolve technical issues related to Building Code during design process and construction process including visiting sites to conduct inspections when necessary
- Attend site inspections and meet with building inspector for permit related matters
- Liaise with clients to discuss project related matters and handle all

communications and queries with the municipality from initial permit stages to project completion

- Prepare detailed site plans and zoning analysis for various projects
 - Ensure site plans and drawings comply with zoning standards and bylaws, including performing calculations to evaluate land use restrictions
 - Discuss technical zoning issues with designers and clients and provide alternative design options
 - Prepare minor variance applications and attend Committee of Adjustment hearings on behalf of clients to present projects
 - Prepare planning justification reports for minor variance applications and Land Tribunal Appeal Requests and appear in hearings to present evidence in on zoning matters
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SKILLS & QUALIFICATIONS

- Regulatory Compliance Officer Managers' Programs – Regulatory Compliance Ontario (2019)
 - Revit
 - AutoCAD
 - CSD Structural Software
 - RAM Structural Systems
 - Ontario Building Code
 - BIM
 - Microstation
 - Buildertrend
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REPRESENTATIVE PROJECTS

Two New Detached Dwellings on a Severed Lot, Scarborough, ON

- Review project requirements and assign tasks to Architectural Designers
- Provide Structural and Architectural design support for new builds and renovations when needed
- Prepare building code analysis and applying OBC requirements of Part 3, Part 4, Part 9 and Part 11