



Nader Honarmand P.Eng.

Senior Structural Engineer

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Education

AMIRKABIR UNIVERSITY of Technology

1998

B.Sc. Civil Engineering

Experience

ROAR ENGINEERING
Senior Structural Engineer

2026 – PRESENT

Assess and document damage to buildings and infrastructure through detailed site visits.

Determine the cause of damage/failures to building structural elements and systems, as well as geotechnical investigations.

Complete designs for repairs, renovations, and new construction of buildings using wood, engineered wood, structural steel, and reinforced concrete.

Assessment of property damage relating to fire/explosion, vibration, ground movement, wind load, snow load, vehicle impact, fallen tree impact, and water infiltration.

Code consulting with current and past editions of the Ontario Building Code and National Building Code of Canada.

Prepare engineering reports to document damages, identify cause of damage, and propose repairs to damaged property.

KONSTANT
Engineering Manager

2022 – 2026

Led and managed a multi-office structural engineering team of 11, delivering 1000+ projects annually.

Directed structural analysis and evaluation of new and existing pallet rack structures in accordance with NBC, CSA and ANSI standards.

Performed field inspections and construction reviews and prepared engineering assessment reports.

Conducted forensic structural investigations involving structural damage, construction deficiencies, code compliance issues, and serviceability concerns; prepared engineering assessment reports and repair recommendations.

Reviewed and sealed structural calculations, drawings and reports.

Developed quality assurance and peer review procedures while mentoring engineers.



Quadra Building Group Ltd., Toronto, ON
Lead Structural Engineer/Project Manager

2020 – 2021

Completed design and peer review of wood, concrete, steel and CFS structures
Led and completed construction field reviews.
Conducted structural investigations of damaged buildings, prepared engineering assessment reports, determined probable causes of damage, and developed repair and rehabilitation recommendations.
Managing construction of residential renovation projects, coordinated and controlled project scopes, estimates, schedules, budgets, and change orders.

WHM Structural Engineers, Toronto, ON
Structural Engineer/Toronto Branch Manager

2019 – 2020

Completed structural design of residential and commercial projects
Performed and led construction field reviews and provided reports and issued project structural site instructions.
Prepared engineering estimates, proposals and answered RFQs.
Prepared and provided workload and billing projections.

CWA Engineers Inc., Vancouver, BC
Structural Engineer

2018 – 2019

Completed structural design of material handling and industrial projects.
Investigated structural failures in industrial facilities, performed field assessments, identified probable causes, and developed repair recommendations.
Completed seismic upgrade and retrofit design of existing buildings.
Provided reports specifying defects and route cause of damages.
Provided site instructions for repairs and retrofitting.

Omega Engineering Ltd, Chilliwack & Surrey, BC
Structural Engineer/Toronto Branch Manager

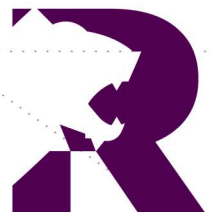
2015 – 2018

Provided structural design for new construction and rehabilitation and upgrade of many diverse projects ranging from residential, commercial, municipal, educational, and industrial structures.
Developed and designed demolition plans and temporary shoring and supports.
Conducted field review and prepared and issued reports to the municipalities, banks and owners
Mentored junior engineers and technicians.
Provided design check and peer review of structural projects.
Prepared engineering estimates, proposals and answered RFQs.

Tetra Tech, OGD, Richmond, BC, Canada
Structural Engineer/Toronto Branch Manager

2011 – 2015

Led civil and structural engineering for industrial infrastructure projects.
Provided construction filed support including site investigation, field reviews and providing site instructions and construction details.
Developed innovative structural solutions that improved constructability and reduced project costs.
Developed and prepared construction sequence and traffic management plans.



Earlier Engineering Experience **Design Engineer**

1998 – 2011

Progressive structural engineering and construction management experience involving structural design, bridge and building projects, construction supervision, temporary works, and multidisciplinary project delivery in Canada and Iran.

Professional Associations

Professional Engineers Ontario (P.Eng)
Licensed Professional Engineer

Professional Engineers British Columbia (P.Eng)
Licensed Professional Engineer

