

PROFILE

Mr. Yannick Roy is a Project Engineer and seasoned structural engineer with over 14 years' experience. His experience includes 10 years in the Engineered Wood Products industry and 8 years of project management in which he was involved primarily with residential, commercial and agricultural structures. He has investigated various types of structural failures as a result of impacts, severe weather events, settlements, deterioration, and error & omission. He has also led the remediation, repair and/or reconstruction of damaged structures to meet their intended use with due consideration of applicable local codes and standards. He specializes in structural engineering and multi-discipline project management. At Envista, Mr. Roy provides structural engineering and building envelope failure analysis and remediation services. Key strengths include the following:

- ▶ Project Management
- ▶ Construction Management
- ▶ Code Compliance
- ▶ Building Envelope
- ▶ Residential Buildings
- ▶ Metal-Plated Wood Trusses
- ▶ Flat Roof Repairs
- ▶ Multi-disciplinary Engineering Management
- ▶ Software Development
- ▶ Structural Engineering
- ▶ Engineered Wood Products
- ▶ EWP Manufacturing
- ▶ Vehicle Manufacturing
- ▶ Agricultural Buildings
- ▶ Wood-Frame Structures
- ▶ Rooftop Patios

▶ *Industries:* wood-frame construction, software development, engineered wood products manufacturing, vehicle manufacturing, multi-disciplinary engineering design management, residential, construction

▶ *Computer Skills:* Windows, Mac OSX, MS Office, MS Visual Studio, MathCAD, WoodWorks Sizer

▶ *CAD/Design Packages:* AutoCAD, Revit, AutoCAD Plant 3D

EDUCATION

Bachelor of Science, Civil Engineering, 1997

University of Waterloo – Waterloo, Ontario

LICENSES

Professional Engineer (P.Eng.):

- ▶ Alberta

OFFICE

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CONTACT

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WEBSITE

www.envistaforensics.com

CONTINUING EDUCATION

- ▶ Project Management
- ▶ Contract Administration and Legal issues for EPCM projects
- ▶ Negotiation

PROFESSIONAL AFFILIATIONS

- ▶ APEGA

PROFESSIONAL BACKGROUND

January 2019 – Present: Envista Forensics – Calgary, Alberta
Project Engineer

January 2012 – December 2018: Self-Employed – Calgary, Alberta
Software Designer

March 2008 – January 2012: Williams Engineering – Calgary, Alberta
Project Manager

June 2003 – November 2008: Jager Building Systems – Calgary, Alberta
Senior Regional Engineer

July 1998 – June 2003: Jager Building Systems – Calgary, Alberta
Research and Development Engineer

July 1997 – October 1998: Case International Harvester – Hamilton, Ontario
Production Supervisor

December 1987 – January 1990: Bonneville Portes Et Fenetres – Ste-Marie, Quebec
Laborer

REPRESENTATIVE PROJECT EXPERIENCE

Talisman Centre Roof Replacement
Calgary, Alberta

- ▶ Assistant Project Manager / Project Coordinator

Modular Explosives Plant
Calgary, Alberta

- ▶ Project Manager for Structural, Mechanical and Electrical Engineering Services

Dementia Care Facility

Calgary, Alberta

- ▶ Project coordinator

Rooftop Pub

Calgary, Alberta

- ▶ Project Manager for Structural, Mechanical, Electrical and Building Envelope Engineering Services

Facility Evaluations on 20 buildings for one client

Calgary, Alberta

- ▶ Project Manager for Structural, Mechanical and Electrical Engineering Services

Multiple Condominium Courtyard deck membrane replacements

Calgary, Alberta

- ▶ Project Manager for Structural Engineering and Building Envelope Services

Multiple Agricultural Collapses

Alberta

- ▶ Structural Engineering investigation and remediation

Multiple Residential Collapses

Alberta

- ▶ Structural Engineering investigation and remediation

Multiple Residential Vehicle Impacts

Alberta

- ▶ Structural Engineering investigation and remediation