

Employment

Carson Dunlop Weldon & Associates - Toronto, On

VP Project Management (September 2013 – Present)

- Prepare building envelope construction bid documents.
- Administer construction contracts for envelope and structural related renovations of existing buildings, and evaluate contractor performance to ensure project deliverables and quality standards are achieved.
- Conduct problem investigations of commercial buildings in order to determine design and repair options.
- Prepare proposals.
- Provide technical advice to clients - consultants, contractors and owners.
- Provide professional opinions for dispute / conflict resolution.
- Execute the roles and responsibilities outlined below as Engineering Manager.

Engineering Manager (February 2012 - March 2013)

- Oversaw the work of other engineers within the company.
- Executed the roles and responsibilities outlined below as Project Engineer.

Project Engineer (June 2007 - January 2012)

- Inspected residential and commercial properties of various descriptions and reported on conditions of major components (structure, building envelope, asphalt and hardscape, electrical, plumbing and HVAC systems) and prepared capital replacement studies based on the inspections.
- Conducted reserve fund studies for residential and commercial condominium properties of various descriptions.
- Executed energy audits for residential, commercial and institutional properties of various descriptions to identify energy saving opportunities and associated paybacks, using a self-developed methodology in accordance with ASHRAE and Natural Resources Canada.
- Conducted pre-, mid- and post-construction surveys of properties adjacent to development sites to identify and document any construction related damage or structural settlement caused by said construction activities.
- Taught part of a Commercial Property Assessment course for various public and private groups across North America.

Building Technologies Consulting Inc - Toronto, On

Project Manager (April 2013 - August 2013)

- Conducted investigations, condition assessments and field reviews of commercial buildings in order to determine design and repair options.
- Prepared engineering reports.
- Provided technical advice to clients - consultants, contractors and owners.
- Managed contract administration and quality of new construction and restoration projects, by evaluating contractor performance to ensure project deliverables and quality standards were achieved.
- Kept clients informed of site issues impacting project quality and resolved issues as required.

Trus Joist - A Weyerhaeuser Business - Montreal, Qc

Architectural Design Technician (Summer 2004)

- Conducted structural analysis and product design using proprietary engineering software.
- Produced product plan layout and detailing.
- Created material lists and produced production packages.
- Managed projects and communicated with Customers, Architects, Engineers and Inside Sales Representatives.

Professional Associations

- Registered Professional Engineer with the Professional Engineers Ontario (PEO)
- Member of Ontario Building Envelope Council (OBEC)
- Member of the Roof Consultants Institute (RCI)
- Member of the Ontario Society of Professional Engineers (OSPE)
- Member of the Canada Green Building Council (CaGBC)
- Member of Construction Specifications Canada (CSC)

Education

Concordia University - Montreal, Quebec

- Master of Applied Science in Building Engineering
Thesis topic: Hygrothermal performance of the building envelope
- Bachelor of Engineering in Building Engineering

Continuing Education

- Commercial Building Inspection Course, CDW Engineering
- Rooftop Quality Assurance, Humber College
- Air Conditioning and Refrigeration, American Trainco
- Boiler Operation, Maintenance and Safety, American Trainco
- Electrical Design for ICI Facilities, Educational Program Innovations Centre (EPIC)
- Energy Monitoring, Natural Resources Canada
- Green Roofs: A Sustainable Strategy, AEC Daily
- Heat Recovery Ventilators: Why Efficiency Matters, AEC Daily
- The Evolution of Water-Resistive Barriers in Commercial Buildings, AEC Daily
- Concrete Tile Roof Systems: The Sustainable, Superior Roof Solution, AEC Daily
- Green Roof Design 101, Green Roofs for Healthy Cities
- Green Roof Design 102, Green Roofs for Healthy Cities
- LEED Canada for New Construction 1.0 Rating System, George Brown College
- Modern Post-Tensioning for Building Structures: Design, Analysis and Construction, Post Tensioning Institute
- Business Management, University of Toronto School of Continuing Studies
- Project Management Essentials for Construction, University of Toronto School of Continuing Studies
- Fundamentals of Fall Prevention, Infrastructure Health & Safety Association
- Principles of Construction Documentation, Construction Specifications Canada
- Construction Contract Administration, Construction Specifications Canada

Publications and Awards

"Dealing with Shortfalls Uncovered by a Reserve Fund Study", *Condo News of the Golden Horseshoe*, Volume 2 2012

Certificate of Excellence from Concordia University, Montreal, Quebec.
Top Graduating Capstone Project 2005

Skills

- Fluent in English and French, oral and written
- Microsoft Office, AutoCAD, HOT 2000, WUFI Pro 3.3, Condense

References available upon request