

Award Winner



Halifax (902) 420 9800 St. John's (709) 700 2139
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www.consultPINTO.com

civil • structural • mediation/arbitration
risk evaluation • failure investigations & reports

Malcolm PINTO Engineering Ltd. is an established, structural engineering consulting practice having served national and international clients across government, public, and private sectors since 1987. Over the years, we have built significant confidence in our clients who have come to expect that our team will save money, outperform benchmarks, and deliver value on every project. PINTO has completed many high profile, challenging projects in the commercial, retail, marine, healthcare, recreational, residential, transportation, and institutional sectors, samples of which are detailed in the following pages. In addition, PINTO has developed and implemented a comprehensive ISO 9001:2015 Quality Management System in order to continuously improve the quality of services we provide to our valued clients. This is a testament to our team's ability and commitment to work together to tackle challenging projects, be innovative in our approach to problems, and provide the highest quality service.

See the following pages for a few examples of PINTO project success stories



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Bridges • Buildings • Marine Heritage Restoration & Renovation Feasibility Studies & Reports

HEALTH CARE



**Dartmouth General Hospital Addition
Dartmouth, Nova Scotia**

Role: Primary Structural Engineering Consultant

- New structural steel and cast-in place concrete addition onto existing hospital as part of an \$85 million renovation
- Hospital fully occupied and operational during construction process
- Open concept atrium area with natural lighting

EDUCATION



Tatamagouche School • Tatamagouche, Nova Scotia

Role: Primary Structural Engineering Consultant

- New structural steel building with open concept cafeteria and structural truss pedway
- An estimated \$16.6 million, two storey P-12 school
- LEED building for sustainability

EDUCATION



South Dartmouth School • Dartmouth, Nova Scotia

Role: Primary Structural Engineering Consultant

- New structural steel building with composite floor design for increased economy
- An estimated \$17.5 million, two storey P-9 school with 24 multi-purpose learning rooms
- LEED building for sustainability

RECREATION



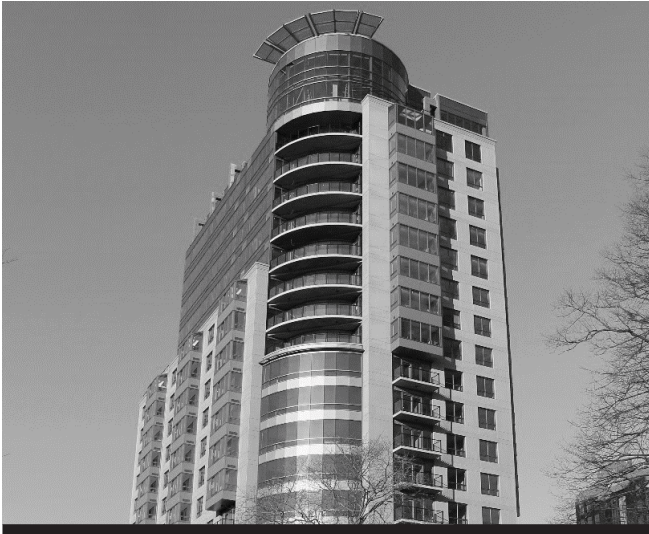
Dartmouth Multi-Pad Arena • Dartmouth, Nova Scotia

Role: Primary Structural Engineering Consultant

- New structural steel and load-bearing block building complete with four ice rink slabs
- Long-span pre-engineered steel frames spanning over all four rinks
- LEED building for sustainability



BUILDINGS



'The Trillium' • Halifax, Nova Scotia

Role: Primary Structural Engineering Consultant

- Luxury \$30 million, 23 storey mixed-use development in heart of downtown
- 3 levels of underground parking
- **Awarded 2010 Nova Scotia Lieutenant Governor General's award for Excellence in Engineering**

BUILDINGS



Icon Bay Tower • Halifax, Nova Scotia

Role: Primary Structural Engineering Consultant

- Luxury 22 storey mixed-use development overlooking Bedford Basin
- 4 storey integrated, landscaped podium structure
- Structural steel rooftop penthouse
- Scheduled for completion in 2016

MARINE



**Woodside Ferry Terminal Pontoon
Dartmouth, Nova Scotia**

Role: Primary Structural Engineering Consultant

- \$3.2 million design-build pontoon replacement
- First reinforced concrete pontoon in Atlantic Canada
- Insulation filled compartments for longevity
- Waterproofing impregnated concrete

MARINE



**National Gypsum Dock Rehabilitation
Dartmouth, Nova Scotia**

Role: Primary Structural Engineering Consultant

- Condition assessment and reports on existing beams, decks, cells, & sheet/H-piles
- Design & detailing for beam/corbel/deck replacements and repairs in harsh marine environment



BRIDGES



Princess Margaret Bridge Rehabilitation • Fredericton, New Brunswick

Role: Primary Structural Engineering Consultant

- \$88 million rehabilitation of 55 year old, 1.1 kilometer long two-lane bridge over the Saint John River
- Independent analysis using 3D finite element software as well as independent calculations to ensure all design work carried out in accordance with good industry practice, technical specifications, and standards of latest Bridge Code.
- PINTO responsible to review the following: longitudinal prestressed and transverse post-tensioned bridge deck panels, refurbishment and strengthening of the 22 bridge piers, strengthening of the steel piles, strengthening of steel truss and plate girders and connections, design of the bridge steel and laminated bearings, and steel/concrete traffic barriers

“Thank you for your innovation, dedication and commitment over the years. We highly recommend your team for any aspect of structural design or consulting. We find you reliable, efficient and extremely knowledgeable.”

—Wadih Fares, P. Eng.
W. M. Fares and Associates Incorporated

For more information contact us by phone or email

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