



Lakefront luxury made greener

Royal Port condos are transforming a historic site into high-efficiency waterfront homes.

Revitalizing a heritage area

The Port Dalhousie Heritage District of St. Catharines is one of Canada's best-preserved nineteenth century canal villages. Located on the old Welland Canal, once an important shipping route, it was also home to Royal Canadian Legion Branch 350, which will gain a brand new facility on the redeveloped property.

Committed to sustainable design

Architectural firm Raimondo + Associates (RAAI) participated in **Savings by Design** to make Royal Port more energy efficient. They engaged in a full-day workshop with live energy modelling to identify clear, cost-effective strategies to achieve their sustainability goals.

Healthier, more comfortable homes

As a result of the workshop, RAAI made design changes to include best-in-class exterior wall assemblies for energy savings and quieter suites, high-performance ventilation systems for improved air quality and a higher-efficiency centralized heating and cooling system to enhance resident comfort.

"Our clients' expectations for quality have increased and expanded the minimum requirements for greater improvements," said Emilio Raimondo, President of RAAI.

The condos are a key part of Port Dalhousie's ambitious revitalization plan, bringing the past and future together in one efficient, resilient, sustainable building.

Key project enhancements

- Centralized energy recovery ventilators (ERVs) and heat recovery ventilators (HRVs)
- Centralized, high-efficiency HVAC equipment
- Continuous exhaust/ventilation
- High-performance exterior wall assemblies

"The cost savings and efficiencies are beneficial to all stakeholders involved in the project."

Emilio Raimondo, President,
Raimondo + Associates Architects Inc.

By the numbers

Projected annual energy cost savings

\$17,359/year

Projected GHG reduction*

85,499 kg CO₂e

Projected better energy performance than Ontario Building Code

28.2%

8-storey mid-rise tower

52 upscale suites

3 penthouses

Start designing sustainably with expert help

Savings by Design gives your project team free access to industry experts, technical tools and financial incentives to help you build high-performance, resilient and sustainable buildings.

Free expertise and incentives

value up to

\$60,000*

Key steps to efficient, resilient design

Step 1

1 – 2 hours | No cost

Visioning session

We'll meet with your project lead, sustainability manager and a design team member to:

- Help define and prioritize project requirements and sustainability priorities.
- Determine which team members and external experts should attend the workshop.

Step 2

1 day | No cost

Integrated design process workshop

Your team will strategize with energy modellers and sustainable design experts to maximize your building's energy and environmental performance.

- An energy model will be developed as well as a final report summarizing the options discussed and recommendations.
- Facilitated by Sustainable Buildings Canada.
- A \$30,000 value.**

Rewards for building above code

After completing the workshop, you're eligible for additional incentives based on the performance of your building.

Energy simulation modelling incentive

\$15,000

Earn incentives when you complete a pre-construction certified energy model that shows your building will be 15 percent above current code.

Commissioning incentive

\$15,000

Earn additional incentives by confirming your building is 15 percent above code with a post-construction certified energy model, performed by a professional modeller.

To get the most out of your next project, contact **Mary Sye, Energy Solutions Advisor.**

 savingsbydesign.ca

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*Projected savings based on energy modelling simulations from the Savings by Design Integrated Design Process workshop. **This has no cash value. HST is not applicable and will not be added to incentive payments. Visit savingsbydesign.ca for details. To qualify for the program, your project must be located in the Enbridge Gas Inc. service area. If a participant doesn't complete construction of a new commercial property in the Enbridge Gas service area that exceeds 15 percent of the OBC's energy performance requirement within five years of completing the integrated design process workshop, they're ineligible for performance incentives. During that time, builders are expected to design and construct at least one new construction building based on resulting recommendations. In order to receive incentive payments, you must agree to all program terms and conditions, fully participate in all stages of the program and meet all program requirements. © 2020 Enbridge Gas Inc. All rights reserved.