



NEIL CAMPBELL ROWING CENTRE

NIAGARA, ON



QUICK FACTS

- + Stipulated Sum Tender
- + Sports Facility
- + Zero Carbon
- + 6,000 square feet
- + \$8-Million Budget
- + Multi Award-Winning
- + Smith + Andersen
Mechanical, Electrical,
Communications,
Security, Audio-Visual,
and Intelligent Integrated
Systems
- + Sustainability Services
(Footprint)

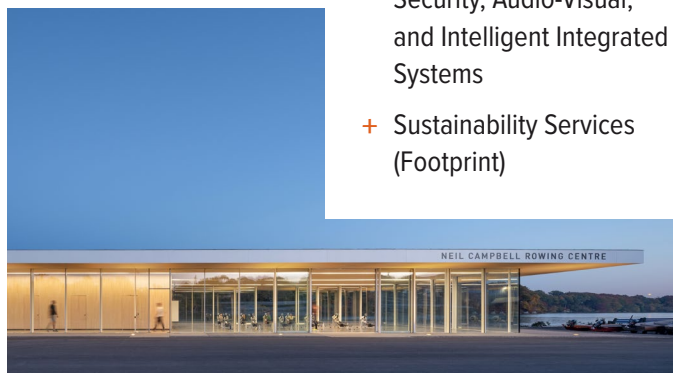
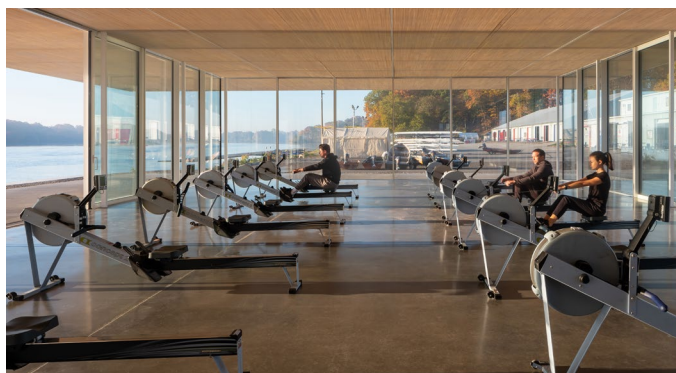


PHOTO CREDIT: SCOTT NORSWORTHY



NEIL CAMPBELL ROWING CENTRE

ABOUT THIS PROJECT

- + Canada Games Park, consisting of the Neil Campbell Rowing Centre (formerly the Henley Rowing Centre) and the Walker Sports and Abilities Centre, was constructed for the Niagara 2022 Canada Summer Games.
- + Neil Campbell Rowing Centre is a satellite facility of the larger Canada Games Park. Dedicated to rowing, it consists of ergometers, a lifting gym, and provisions for regatta days.
- + Exterior solar shading integrated into the building's design.
- + Net Zero Energy design, with on-site renewables generating as much energy as the building uses in a year.
- + Energy-efficient features include a heat pump system for primary heating and cooling, natural ventilation and minimized mechanical cooling, ventilation heat recovery, and demand control ventilation.
- + Utilized triple glazing with low-e glass in a thermally performing frame.
- + Rooftop solar energy system produces 43,000 kWh of renewable electricity each year and contributes to the facility's goal of operating at Net Zero.
- + Smith + Andersen also provided services for the Walker Sports and Abilities Centre. This 210,000 square-foot facility includes a quad gymnasium, a 200-metre indoor running track, and twin-pad arena.

LOCATION

Niagara, ON

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical, Communications, Security, Audio-Visual, Intelligent Integrated Systems, Sustainability (Footprint)

KEY TEAM MEMBERS

MacLennan Jaunkalns Miller Architects

SIZE

6,000 sq. ft. (560 sq. m.)

BUDGET

\$8 Million

COMPLETION YEAR

2021

SUSTAINABILITY

Zero Carbon Building – Design Standard

AWARDS

Royal Architectural Institute of Canada Governor General's Medals in Architecture, Award Winner (2024)

Ontario Association of Architects' Design Excellence Awards, Award Winner (2024)

SABMag Canadian Green Building Awards, Institutional (Small) Award (2023)

Wood Design & Building Awards, Award of Honour (2023)

IOC IPC IAKS Architecture Prize in Specialized Facilities for Sports, Leisure, and Recreation (2023)

HOT BUTTONS

SPORTS FACILITY

NET ZERO

FITNESS

SUSTAINABLE

ENERGY MODELLING

PHOTOVOLTAICS

NEW BUILD

AQUATICS



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