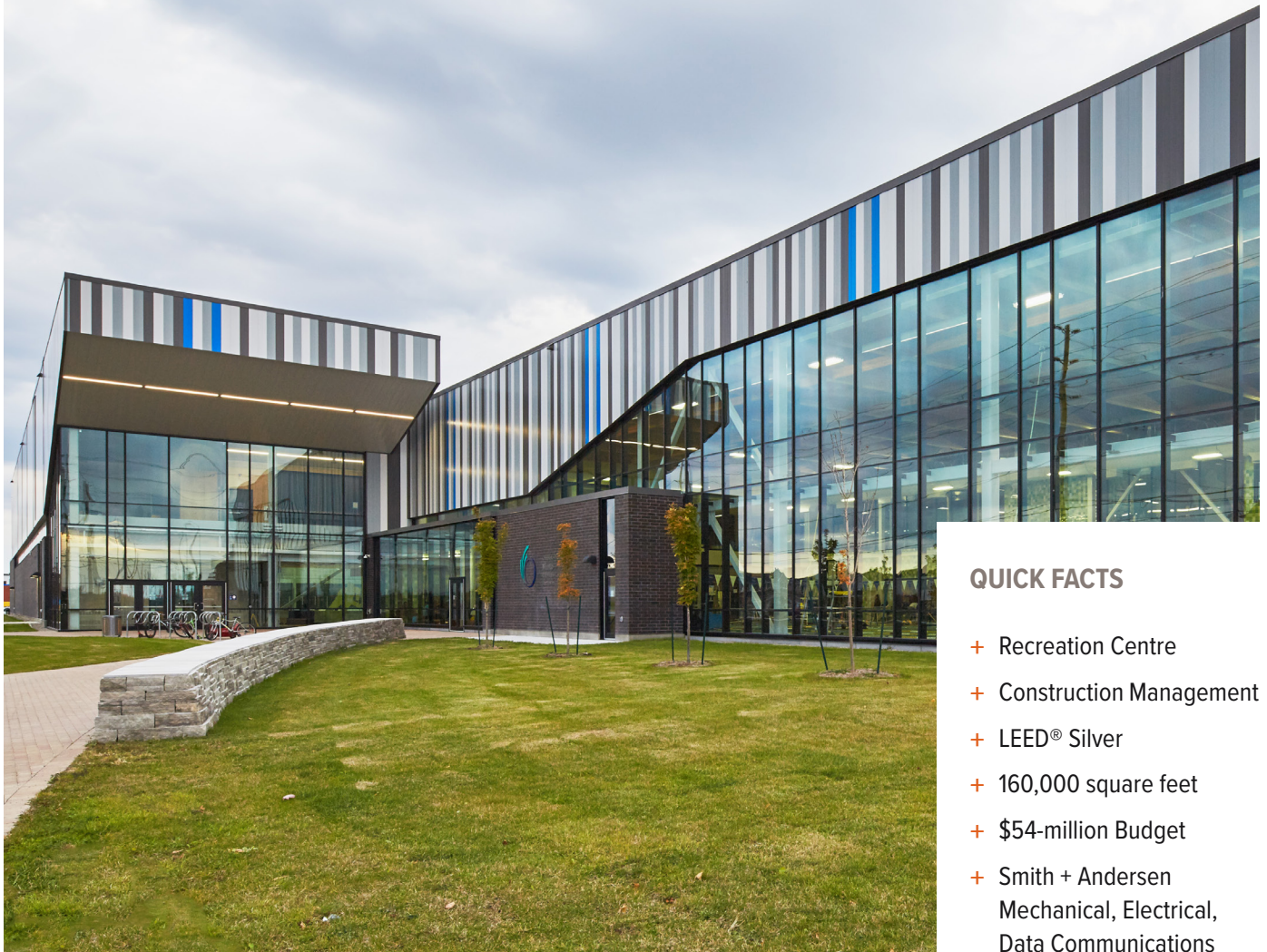




MINTO RECREATION COMPLEX – BARRHAVEN

OTTAWA, ON



QUICK FACTS

- + Recreation Centre
- + Construction Management
- + LEED® Silver
- + 160,000 square feet
- + \$54-million Budget
- + Smith + Andersen
Mechanical, Electrical,
Data Communications
- + Sustainability Services
(Footprint)

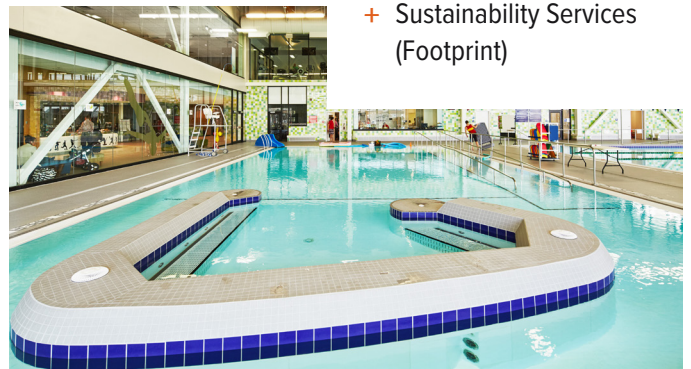


PHOTO CREDIT: Alina Cornea Architectural Photography



MINTO RECREATION COMPLEX – BARRHAVEN

ABOUT THIS PROJECT

- + Includes two NHL-sized rinks, multiple changerooms, a six-lane, 25-metre lap pool, a leisure pool, a lazy river, a full sized gymnasium, artificial turf fields designed to FIFA and CFL design standards, an indoor walking track, and multi-use rooms, as well as a café.
- + Facility provides swim lessons, group fitness, programs for all-ages, summer camp, and more.
- + Mechanical design incorporated energy and water efficiency.
- + Factored in efficiency during equipment selection while respecting the budget.
- + Used low-flow plumbing fixtures in addition to a stormwater collection system to further reduce the use of domestic water for flushing urinals and water closets.
- + Designed the natatorium air systems to allow compressor waste heat to form part of the pool water heating system.
- + Designed the rink ice plant to divert compressor heat to various heating systems throughout the building during the winter.
- + Power distribution is through the main switchboard and distributed to satellite electrical rooms.
- + A motor control centre located on the lower level, controls the pool equipment with an emergency shut-off on the pool deck.

LOCATION

Ottawa, ON

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical, Data
Communications, Sustainability
(Footprint)

KEY TEAM MEMBERS

Perkins+Will Canada

SIZE

163,000 sq. ft. (15,143 sq. m.)

BUDGET

\$54 Million

COMPLETION YEAR

2014

SUSTAINABILITY

LEED® Silver

HOT BUTTONS

AQUATICS

RECREATION

ENERGY MODELLING

BAS DESIGN

BIM (REVIT)

CM

EMERGENCY

LEED



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