



STONEY CREEK COMMUNITY CENTRE, YMCA & LIBRARY

LONDON, ON



QUICK FACTS

- + Community Centre
- + Mixed-Use
- + LEED® Gold
- + More than 82,000 square feet
- + \$20.9-million Budget
- + Smith + Andersen Mechanical





STONEY CREEK COMMUNITY CENTRE, YMCA & LIBRARY

ABOUT THIS PROJECT

- + Modern, multi-use community centre, including a 25-metre, six-lane pool, leisure pool with adjustable floor, aquatics centre, a gymnasium, fitness centre, indoor running track, steam rooms, community multi-use activity rooms, daycare, and a branch of the London Public Library.
- + Facility incorporates many sustainable design features and successfully achieved LEED Gold Certification.
- + Several forms of energy recovery are incorporated into the mechanical systems.
- + Air-to-air heat recovery is used for the arena and pool change rooms, and dedicated energy recovery ventilators are connected to the gymnasium and fitness spaces.
- + A pool dehumidification unit is installed that reclaims and transfers compressor heat to the pool water or supply air.
- + “Grey water” from the change room showers is used to pre-heat domestic hot water.
- + The plumbing system uses water-saving fixtures such as dual flush water closets, low flow urinals, and lavatories.
- + Most air handling units (AHUs) monitor the space’s carbon dioxide levels to reduce energy and improve the indoor air quality. Other building AHUs employ variable air volume terminals for temperature control, flexibility, and energy efficiency.

LOCATION

London, ON

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical

KEY TEAM MEMBERS

Perkins+Will Canada,
Cornerstone Architecture

SIZE

82,250 sq. ft. (7,604 sq. m.)

BUDGET

\$20.9 Million

COMPLETION YEAR

2010

SUSTAINABILITY

LEED Gold

HOT BUTTONS

AQUATICS

RECREATION CENTRE

FITNESS CENTRE

LIBRARY

NEW BUILDING

SUSTAINABLE DESIGN

MECHANICAL DESIGN

LEED GOLD

