



# BERNIE MORELLI RECREATION CENTRE

## ABOUT THIS PROJECT

- + Features active program spaces, dance studios, walking track, gymnasium, and leisure pool as well as open public community rooms for the local residents and seniors.
- + Recreation centre connects the existing Jimmy Thompson Pool building through a two-storey public lobby space spanning the south side of the BMRC building.
- + Natatorium features a dehumidification ventilation system that recovers heat back to the pool (make-up heat provided from the building's central heating boiler).
- + Supplied the pool change rooms with high exhaust rates and 100% make-up air (air handling unit is supplied with a heat pipe energy recovery loop).
- + Variable air volume (VAV) units serve the large gymnasium and fitness areas (include low level return air for increased circulation and odour control).
- + Plumbing fixtures are all low flow for potable water conservation and showers include mechanical spring timers to shut off the water supply when not in use.
- + Both kitchens incorporate National Fire Protection Association (NFPA) exhaust hoods with a dedicated make-up air unit.
- + Electrical service serves the existing Jimmy Thompson pool as well.
- + The life safety emergency power is supplied through an inverter system located in the main electrical room.

### LOCATION

Hamilton, ON

### SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical, Lighting,  
Data Communications, Safety  
and Security, Audio-Visual,  
Sustainability (Footprint)

### KEY TEAM MEMBERS

MacLennan Jaunkalns  
Miller Architects

### SIZE

54,895 sq. ft. (5,099 sq. m.)

### BUDGET

Confidential

### COMPLETION YEAR

2018

### Award

City of Hamilton Urban Design  
& Architecture Awards,  
*Award of Excellence for  
Public Buildings* (2019)

## HOT BUTTONS

AQUATICS

RECREATION CENTRE

COMMUNITY CENTRE

AUDIO-VISUAL

LIGHTING

SECURITY

TELECOMMUNICATION

ENERGY MODELING

