



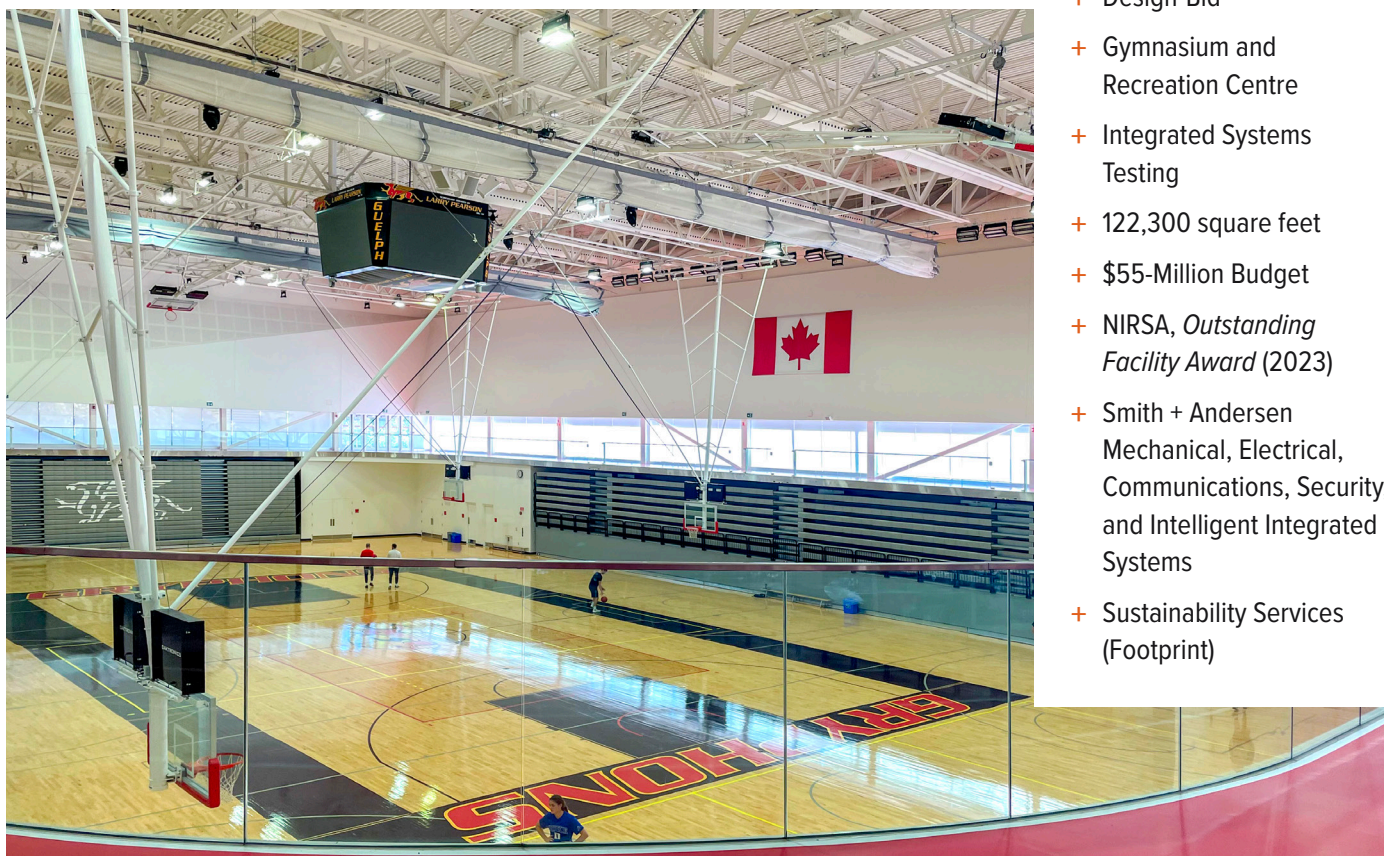
# UNIVERSITY OF GUELPH W.F. MITCHELL ATHLETICS CENTRE RENEWAL

WINDSOR, ON



## QUICK FACTS

- + Design-Bid
- + Gymnasium and Recreation Centre
- + Integrated Systems Testing
- + 122,300 square feet
- + \$55-Million Budget
- + NIRSA, *Outstanding Facility Award* (2023)
- + Smith + Andersen Mechanical, Electrical, Communications, Security, and Intelligent Integrated Systems
- + Sustainability Services (Footprint)





# UNIVERSITY OF GUELPH W.F. MITCHELL ATHLETICS CENTRE RENEWAL

## ABOUT THIS PROJECT

- + Renovation and expansion to the W.F. Mitchell Athletics Centre (originally built in 1958), with construction separated into two phases.
- + Phase 1 included an addition and features a fitness centre, climbing wall, exercise classrooms, a three-court gymnasium, as well as lounge areas for students.
- + Phase 2 focussed on the renovation of the existing building which includes classrooms, meeting rooms and offices, and high-performance centres.
- + Project included a new connection to the campus steam/condensate and chilled water distribution system.
- + Steam is converted to hot water for use in radiant panels for building heat and glycol for heating coils within indoor air handlers.
- + Chilled water is distributed throughout the building for air handler cooling coils and miscellaneous electrical and IT room cooling fan coils.
- + Due to the high outside air requirements, all air handlers include enthalpy recovery wheels and space CO2 sensors to reduce the energy requirements for heating and cooling outside air.
- + All units are variable air volume (VAV) and those serving the large gymnasium and fitness area include low level return air for increased circulation and odour control.

**LOCATION**  
Guelph, ON

**SMITH + ANDERSEN  
SERVICES PROVIDED**  
Mechanical, Electrical,  
Communications, Audio-Visual

**KEY TEAM MEMBERS**  
MJMA

**SIZE**  
324,000 sq. ft. (30,100 sq. m.)

**BUDGET**  
Confidential

**COMPLETION YEAR**  
2017

**SUSTAINABILITY**  
Phase 1: LEED Silver (Targeted)

## HOT BUTTONS

POST-SECONDARY

RECREATION

RENOVATION

EXPANSION

ELECTRICAL

MECHANICAL

AUDIO-VISUAL

LEED

