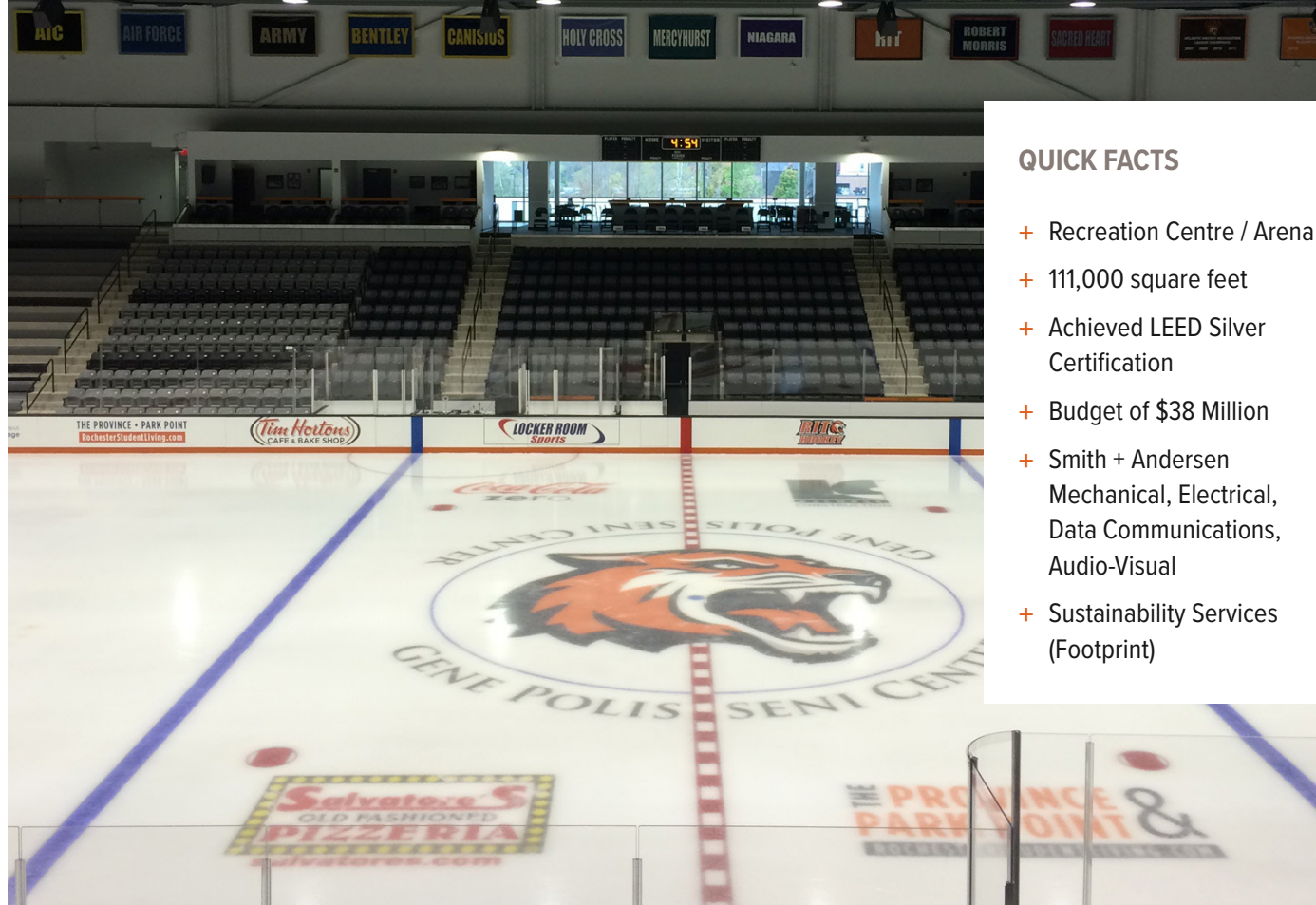




ROCHESTER INSTITUTE OF TECHNOLOGY THE GENE POLISSENI CENTER

ROCHESTER, NY



QUICK FACTS

- + Recreation Centre / Arena
- + 111,000 square feet
- + Achieved LEED Silver Certification
- + Budget of \$38 Million
- + Smith + Andersen Mechanical, Electrical, Data Communications, Audio-Visual
- + Sustainability Services (Footprint)



PHOTO CREDIT: Alina Cornea Photography



ROCHESTER INSTITUTE OF TECHNOLOGY THE GENE POLISSENI CENTER

ABOUT THIS PROJECT

- + A 4,000-capacity spectator arena at the Rochester Institute of Technology.
- + Facility includes an ice sheet with a seating area, club seating, a club lounge, VIP areas, and two concession stands.
- + Used by both men's and women's hockey programs and for commencement exercises, concerts, and performing arts events.
- + Designed the project using building information modelling (BIM) to create a cohesive design across trades.
- + The centre functions year round, with controlled humidity in spring and summer to mitigate fog and condensation.
- + Dehumidification systems use gas fired desiccant technology to maintain the dew point close to the ice surface, providing efficient refrigeration plant operation.
- + Use the rejected heat from the ice plant for domestic hot water and building heating, to melt snow from ice resurfacing, and to provide subfloor heating for frost protection.
- + Demand controlled ventilation variable speed drives reduce outdoor air ventilation loads and fan power during reduced occupancy.
- + Installed high-efficiency lighting throughout the facility, including fluorescent, HID, and LED luminaries.

LOCATION
Rochester, NY

SMITH + ANDERSEN
SERVICES PROVIDED
Mechanical, Electrical, Data
Communications, Audio-Visual,
Sustainability (Footprint)

KEY TEAM MEMBERS
Brisbin Brook Beynon Architects
Inc.

SIZE
111,000 sq. ft. (10,300 sq. m.)

BUDGET
\$38 Million

COMPLETION YEAR
2014

SUSTAINABILITY
LEED Silver

HOT BUTTONS

ARENAS

RECREATION CENTRE

BIM (REVIT)

LEED SILVER



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