



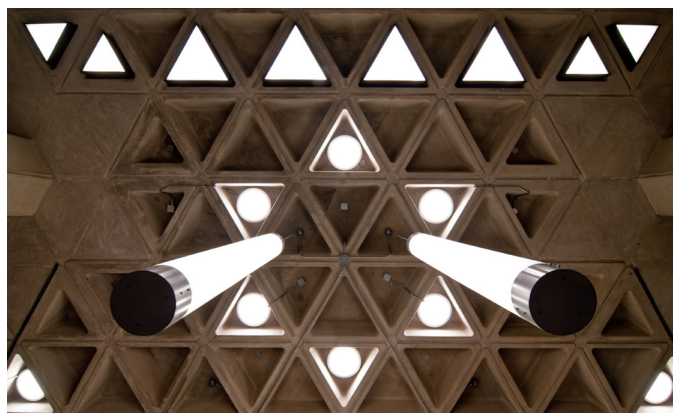
UNIVERSITY OF TORONTO ROBARTS LIBRARY

TORONTO, ON



QUICK FACTS

- + Award-winning Project
- + Study areas
- + Exterior Porticos
- + 60,000 square feet
- + LEED® Gold
- + Smith + Andersen
Mechanical, Electrical,
and Lighting Design





UNIVERSITY OF TORONTO ROBARTS LIBRARY

ABOUT THIS PROJECT

- + Renovations / upgrades to the largest library at the University of Toronto, accommodating almost 4,000 new study spaces on the 3rd, 5th, 9th, 10th, 11th, 12th, and 13th floors. The sixth floor was also renovated to create more office space/stacks.
- + Exterior porticos on the second floor were enclosed with glass, becoming welcoming interior spaces. Bar-style seating, display cases, and study desks were added to porticos.
- + Improvements included changes to the existing mechanical services for the study areas, librarian offices, labs, storage, video viewing, and digital processing.
- + New HVAC systems were added to accommodate the new porticos.
- + New electrical distribution, including transformers and panelboards, added to support powered study tables and carrels which allow students to plug in their laptops.
- + Floor boxes were coordinated with study table locations, and power whips were integrated into a shroud which extended the table leg width. Power distribution was also provided for the new luminaires. Wireless access points were added to all renovated spaces.
- + LEDs, T5 fluorescents and CFL lamps have a matching colour temperature of 3500K. Round LED luminaires are located within the triangular structure to soften the rigid angles and shield the source from glare.

LOCATION
Toronto, ON

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical, Lighting,
Communications

KEY TEAM MEMBERS
Diamond Schmitt Architects

SIZE
60,000 sq. ft. (5,574 sq. m.)

BUDGET
Confidential

COMPLETION YEAR
2011

SUSTAINABILITY
LEED Gold

AWARDS
IES Illumination Awards
International Award of Merit (2010)

IES Illumination Awards
Toronto Section Award (2010)

HOT BUTTONS

MECHANICAL DESIGN

LEED GOLD

POST-SECONDARY

TELECOMMUNICATIONS

RENOVATIONS

ELECTRICAL DESIGN

LIGHTING DESIGN

