

UNIVERSITY OF WATERLOO CHEMICAL • ENGINEERING BLDG



EXTERIOR PERSPECTIVE

OWNER: University of Waterloo

LOCATION: Waterloo, Ontario

DESIGN TEAM: **Mechanical Consultant**
MCW Consultants Ltd.

Electrical Consultant
MCW Consultants Ltd.

Architect
Diamond and Schmitt
Architects Incorporated

Contractor
Aecon Construction

PROJECT DESCRIPTION

This is a \$38M five (5) storey, 10,500 square meter office and laboratory building.

Throughout the building there are 54 dedicated laboratory spaces including polymer labs, material labs, reaction labs, analytical labs, bio labs, filtration labs, etc.

Distribution system for natural gas comprised air, vacuum, nitrogen, deionized water are provided to each lab.

Each laboratory is served by a dedicated 100% exhaust riser system with heat recovery.

Electrically dedicated panelboards are provided within each lab area.

SIZE: 10,500 square meter