

Sheridan College • Student Residence Oakville, Ontario

OWNER: Sheridan College

DESIGN & CONSTRUCTION TEAM:

Mechanical Consultants: MCW Consultants Ltd.
Electrical Consultants: MCW Consultants Ltd.
Development Manager: Sorbara Group
Contractor: Buttcon Construction
Architects: Bregman & Hamman Architects Inc.
Strasman Architects Inc.

SYSTEMS DESCRIPTION

Mechanical

Two pipe fancoil system for heating & cooling of suites, two copper fin-tube, natural draft boilers for heating, multi stack modular chillers, induced draft cooling tower, custom, factory fabricated, heating/cooling make-up air units.

Electrical

Electrical systems include a 13.8 kV service taken from the existing college service on campus, a new unit substation with transformer rated at 3000 kVA, complete CCTV and door entry security system, integrated fire alarm and voice communication system, and complete voice and data communication system installed in each student suite.



PROJECT DESCRIPTION

This is a student residence located at the south east corner of the existing Oakville campus of Sheridan College. It is a four storey building with 175 suits accommodating 345 students. Provision has been made in the layout and design for the construction of a second residential tower.

The ground floor contains the main reception/security control point and all floors have laundry and common lounge areas for the students' use.

Mechanically and electrically, the building is totally integrated with the college's existing systems to facilitate control and operation of the systems.

