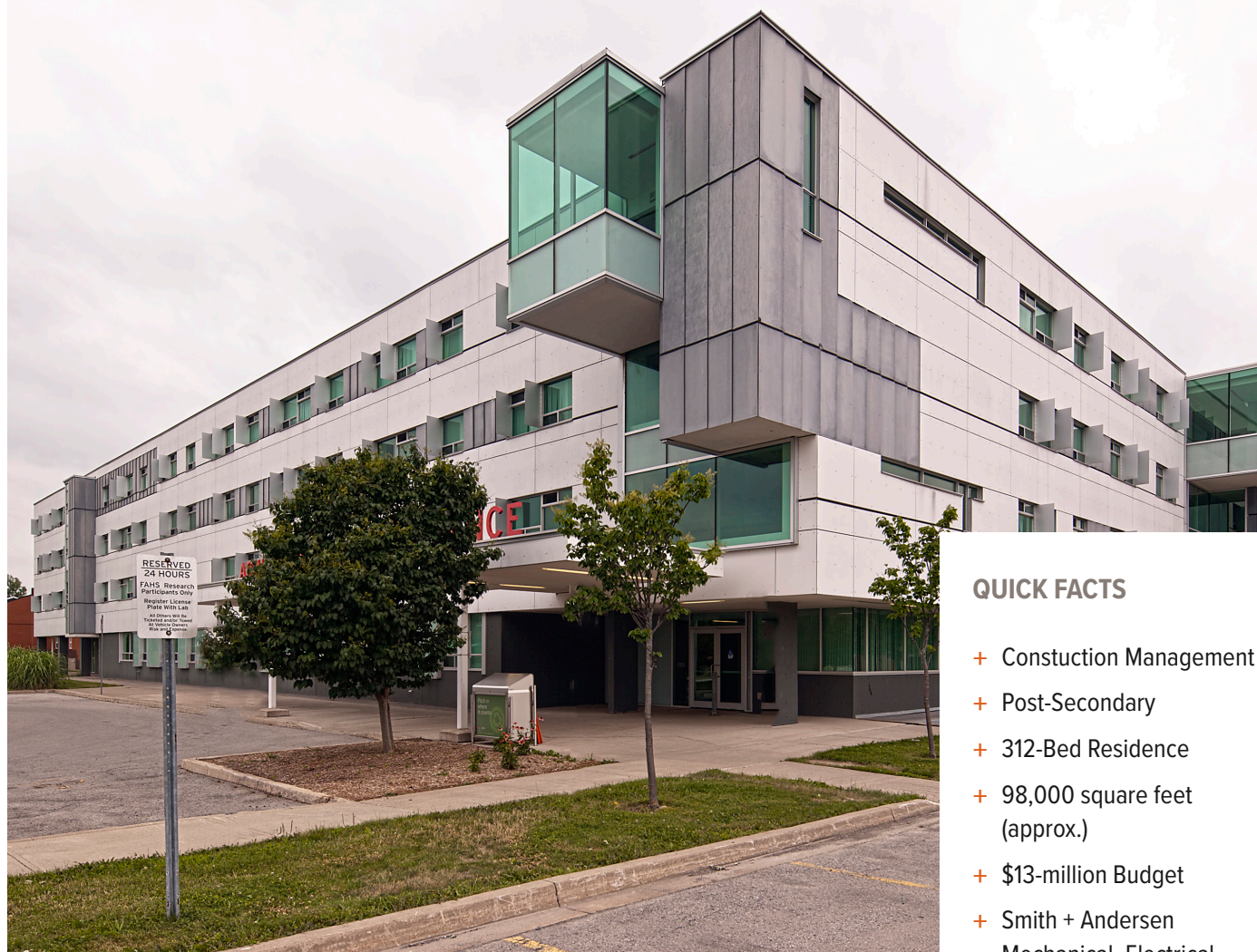




# BROCK UNIVERSITY ARNIE LOWENBERGER RESIDENCE

ST. CATHARINES, ON



## QUICK FACTS

- + Constuction Management
- + Post-Secondary
- + 312-Bed Residence
- + 98,000 square feet (approx.)
- + \$13-million Budget
- + Smith + Andersen Mechanical, Electrical, and Communications



PHOTO CREDIT: Alina Cornea Architectural Photography



# BROCK UNIVERSITY

## ARNIE LOWENBERGER RESIDENCE

### ABOUT THIS PROJECT

- + Project consists of 312-bed residence (single and double dormitory rooms) on four levels, plus a partial basement for undergraduate students.
- + Amenities include lounges, study rooms, shared washrooms, and laundry facilities.
- + A large dining room and full service kitchen on the ground floor can accommodate up to 400 students (and also serves students from surrounding residences).
- + The facility is supported mechanically by a hybrid heat pump system with a closed loop fluid cooler.
- + The central heating plant consists of condensing boilers for high efficiency heating throughout.
- + Electrically, emergency lighting is supported from a central battery storage system.
- + This project was constructed as part of the Government of Ontario Education Grant program and delivered as a fast paced Construction Management program.

#### LOCATION

St. Catharines, ON

#### SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical,  
Communications

#### KEY TEAM MEMBERS

Teepie Architects Inc.  
Architects Tillmann Ruth  
Robinson Inc.

#### SIZE

98,000 sq. ft. (9,108 sq. m.)

#### BUDGET

\$13 Million

#### COMPLETION YEAR

2003

### HOT BUTTONS

POST-SECONDARY

FOOD SERVICES

STUDENT HOUSING

CM



PHOTO CREDIT: Alina Cornea Architectural Photography