



SAKAW TERRACE

EDMONTON, AB



QUICK FACTS

- + Integrated Project Delivery
- + 139,931 square feet
- + \$38-million Budget
- + Smith + Andersen Mechanical
- + Sustainability Services (Footprint)



PHOTO CREDIT: Alina Cornea Architectural Photography





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ABOUT THIS PROJECT

- + Four-storey seniors housing complex.
- + Building has a partial basement that provides underground parking while the mechanical, electrical, and storage spaces are all above ground.
- + The complex includes both apartment and lodge units, commercial kitchen, common dining area, and several multi-purpose and lounge areas.
- + Amenities provided include laundry rooms, a multi-faith space, theatre, fitness area, hair salon, and greenhouse.
- + Mechanical heating systems include a primary-secondary hydronic heating water system for the building heat, with glycol heating system for air handling unit heating coils.
- + Roof mounted air handling units with heat recovery and DX cooling provide ventilation for the resident's units.
- + A variable air volume air handling unit with heat recovery and DX cooling provides ventilation and cooling in both the common and core areas.
- + Commercial kitchen has a packaged combined make-up-air and exhaust system that recovers heat from the exhaust air to preheat the make-up-air.

LOCATION
Edmonton, AB

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical

SIZE
139,931 sq. ft. (13,000 sq. m.)

BUDGET
\$38 Million

COMPLETION YEAR
2018

HOT BUTTONS

RESIDENTIAL

IPD

NEW BUILDING

MECHANICAL DESIGN



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