



CORNER BROOK LONG-TERM CARE

ABOUT THIS PROJECT

- + First healthcare building built on the Western Memorial Regional Hospital campus.
- + Located adjacent to the Corner Brook Acute Care Hospital.
- + Consists of 120 long-term, 15 palliative, and ten rehabilitative care beds.
- + Prioritized high-efficiency, low-energy solutions throughout the mechanical and electrical design to achieve the LEED v4 Silver (Building Design + Construction Healthcare) target.
- + Utilized a geothermal system (with electrical back-up) as the primary heating and cooling source in order to achieve significant energy reduction and operating cost savings over the entire lifespan of the facility.
- + Mechanical and electrical design considerations contributed to an estimated 46 per cent energy cost savings.
- + Mechanical scope included design for plumbing, HVAC, medical gas, and fire protection.
- + Electrical scope included LED lighting throughout the facility, as well as a lighting control system.

LOCATION
Corner Brook, NL

**SMITH + ANDERSEN
SERVICES PROVIDED**
Mechanical, Electrical,
Intelligent Integrated Systems,
Sustainability (Footprint)

KEY TEAM MEMBERS
Western Regional
Health Authority
Plenary Group
Marco Group
Montgomery Sisam Architects

SIZE
162,998 sq. ft. (15,143 sq. m.)

BUDGET
\$120 Million

COMPLETION YEAR
2020

SUSTAINABILITY
LEED v4 Silver

HOT BUTTONS

HEALTHCARE

GEOTHERMAL

DBFM/P3/AFP

SUSTAINABLE DESIGN

MECHANICAL DESIGN

ELECTRICAL DESIGN

INTEGRATED SYSTEMS

LEED SILVER



RENDERING CREDIT: Marco Group