



NEW WESTERN MEMORIAL REGIONAL HOSPITAL

CORNER BROOK, NL



QUICK FACTS

- + Design-Build-Finance-Maintain
- + Geothermal
- + LEED® Silver
- + 600,000 square feet
- + \$750-million Budget
- + Canadian Council for Public Private Partnership (CCPPP) Project Delivery Silver Award (2020)
- + ASHRAE Technology Award, Society Level (2026)
- + Smith + Andersen Mechanical, Electrical, Communications, Security, and Intelligent Integrated Systems
- + Sustainability Services (Footprint)

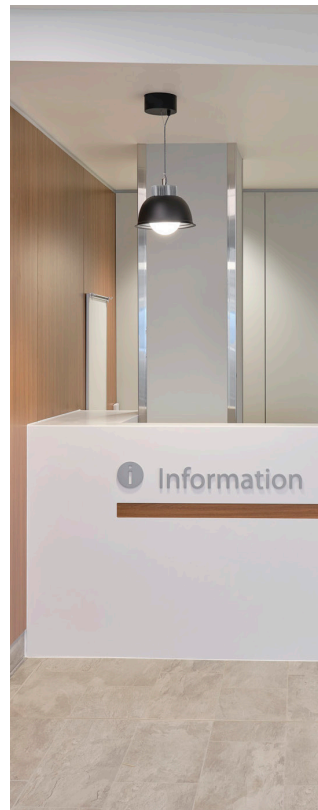


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NEW WESTERN MEMORIAL REGIONAL HOSPITAL

ABOUT THIS PROJECT

- + Seven-storey acute care hospital with 164 beds located on the Western Memorial Regional Hospital Campus.
- + Features an expanded cancer care program (including radiation services), as well as a connection to the neighbouring Corner Brook Long-term Care facility.
- + Mechanical and electrical design complement and support the compact, functional design of the hospital, which minimizes distances for clinicians, nurses, and housekeeping staff.
- + 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.
- + Largest geothermal system in a healthcare building across Canada (second largest geothermal system in any building type nationwide).
- + Peak loading and energy balance of the geothermal field were given special consideration through a system design that accommodates catastrophic events.
- + Mechanical scope included design for plumbing, HVAC, medical gas, and fire protection.
- + Prioritized high-efficiency, low-energy solutions to achieve the LEED v4 Silver (Building Design + Construction Healthcare).

HOT BUTTONS

DBFM / P3 / AFP

HEALTHCARE

GEOTHERMAL

SUSTAINABLE

MECHANICAL

ELECTRICAL

INTEGRATION

LEED



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LOCATION

Corner Brook, NL

SMITH + ANDERSEN SERVICES PROVIDED

Mechanical, Electrical,
Communications, Security
Intelligent Integrated Systems,
Sustainability (Footprint)

KEY TEAM MEMBERS

Western Regional Health Authority
Plenary Group
PCL Construction
B+H Architects
Parkin Architects
Marco Group
Plan Group
Johnson Controls

SIZE

600,000 sq. ft. (55,740 sq. m.)

BUDGET

\$750 Million

COMPLETION YEAR

2023

SUSTAINABILITY

LEED® Silver

AWARDS

Canadian Council for Public
Private Partnerships (CCPPP),
Project Delivery Silver Award
(2020)

ASHRAE, Technology Award
for Outstanding Achievement
in the Application of Heating,
Refrigeration, and Air Condition
Technology (2024-2025)

ASHRAE, Category III: Health
Care Facilities, First Place and
Exemplary Decarbonization
Recognition (2026)