

CORNER BROOK ACUTE CARE HOSPITAL

CORNER BROOK, NEWFOUNDLAND AND LABRADOR, CANADA

Developer
Equity provider

Location	Corner Brook, Canada
Client	Government of Newfoundland and Labrador and the Western Regional Health Authority
Project Value	C\$699 million
Builder	PCL Constructors Canada Inc./Marco Services Limited
Architect	B+H Architects/Parkin Architects Limited
Mechanical-Electrical	Cahill Group, Plan Group; Smith + Andersen
Structural and Landscape	WSP
Facilities Management	Johnson Controls
Project Website	Under development
Financial Close	August 2019
Completion Date	November 2023



As a major regional healthcare centre, the new hospital will be a civic landmark inspired by what makes Western Newfoundland and the Corner Brook community unique – a connected, caring community cradled by dramatic landscapes.

The new seven-storey, 600,000 square-foot hospital will be connected to the 145-bed long-term care facility that Plenary Health is currently building on the site. It will have 164 beds with the same services currently provided at Western Memorial Regional Hospital, as well as an expanded cancer care program, including radiation services.

DESIGN FEATURES

The Building's design has drawn inspiration from Western Newfoundland's regional geology and vernacular architecture to shape architecture that is rooted in place. The massing of its primary volumes mirrors the layered rolling landforms of the landscapes of Western Newfoundland.

The articulation of the building envelope has been strongly driven by maximizing daylight and views, as a result the buildings public areas are highly transparent and welcome visitors in during the day and become glowing destinations by night. At the key clinical departments on Level 0, tall windows align with patient therapy bays to frame west-facing views out into the therapy gardens, the City and valley beyond.

On Level 1 of the podium the public areas have been framed with long strip windows to allow views in as well as out of the facility, creating warm and welcoming scenes of space. The fenestration on the upper levels are organized to align with the programmatic needs while still providing access to an abundant amount of daylight into the inpatient units, and providing views to the landscape beyond.

CORNER BROOK ACUTE CARE HOSPITAL

CORNER BROOK,
NEWFOUNDLAND
AND LABRADOR,
CANADA

Developer
Equity provider

Contract terms (51 Month Construction) +
30-year Operations

INNOVATIONS

Our design features an effective horizontal and vertical circulation system, clinical adjacencies, segregation of flow, integration of building systems, optimized sightlines and intuitive wayfinding. The result is compact, functional design which minimizes distances for clinicians, nurses, and housekeeping staff, allowing for time to be better spent caring for patients.

As part of our goal of delivering value added design features, a geothermal heating and cooling system is provided as the primary heating and cooling source for the Facility. While at a higher capital cost, this system significantly reduces the Facility's electrical consumption and demand, providing for significant financial savings over the life of the Facility.

LOCAL ECONOMIC IMPACTS

Over the course of construction, an estimated 4,000 person years of employment and \$460 million in GDP is expected to be created.

