

## QIKIQTANI GENERAL HOSPITAL

<b>Project</b>	Qikiqtani General Hospital
<b>Location</b>	Iqaluit, Nunavut, Canada
<b>Service</b>	Full A/E services
<b>Process</b>	Design/Bid/Build
<b>Value</b>	\$43M CAD
<b>Status</b>	Completed 2007

This new 5400m<sup>2</sup> Regional Health Centre is situated in the heart of Iqaluit with an open arms concept that sits over the city proper. A long-awaited addition to Nunavut's Health Infrastructure and the to the community of Iqaluit, the substantial addition to the Qikiqtani General Hospital has developed from a great deal of planning and coordination.

The design has worked to create functional, productive and interactive spaces while helping to minimize disturbance and confusion often associated with a necessary visit to the hospital. Acting as a central hub, the central two-story lobby/atrium connects to main access corridors interconnecting departments. This is the major point of orientation for patients, families and staff to access all areas of the facility. It is easily visible upon entry, along with Reception and Security. The public elevator and stair located within the atrium will allow accessible vertical circulation. Wayfinding opportunities are optimized, and patients and visitors are easily oriented as they enter into a space that strives to be as comfortable, assuring and welcoming as possible.

The Gift Shop and Coffee Shop open onto the atrium and contribute to its liveliness. From this hub, the new and relocated services from the old wing of the hospital radiate in suites. Controlled and secure areas streamline the activities that need to take place with sensitive areas such as the Emergency and Diagnostic Imaging Departments. On the upper floor, horizontal circulation is designed to simplify wayfinding to areas accessed by the public, including the two components of the nursing unit, day surgery and respiratory therapy. A restricted corridor allows discrete transfer of patients from the patient elevator and the surgical suite. The atrium serves as a major point of orientation for patients and visitors. It offers borrowed daylight to internal spaces that border it.

The building is clad in low-cost corrugated Galvalume finished metal for over 85% of the facility with pre-weathered fire retardant wood accenting and mimicking local topography across the front façade of the facility.

Residual Heat through jacket water and exhaust gases from the community diesel generator power plant has been designed to be the primary source of heat for the facility with dual oil fired boilers provided as a back up source for the facility.

Design was done in association with associate architects, William Nycum and Associates under a development agreement between Qikiqtaaluk Corporation as the Developer\Financer and the Government of Nunavut.

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