

KIVALLIQ HEALTH CENTRE

- Project** Kivalliq Health Centre
- Location** Rankin Inlet, Nunavut, Canada
- Service** Full A/E Services
- Process** Design/Bid/Build
- Value** \$15.5M CAD
- Status** Completed 2006

This new 2390m² Regional Health Centre is situated on a 4.12 hectare, centrally located site in Rankin Inlet. From a three dimensional perspective, the facility can be described using three distinctive volumes. The main volume is a two-storey structure. Developed to achieve the most effective rectangular floor plan proportions, it allows superimposing of the Acute Care Inpatient Unit over the Outpatient Clinics while maintaining the smallest circulation area. Required corridor widths, exit requirements, room proportions and structural grids were considered in defining the size of this rectangle. A second rectangular volume (partially located on the second storey) was added on the west side of the facility to accommodate all Support Services areas. A portion of the main floor area was lowered to the level of the crawlspace to provide additional ceiling space and mezzanine area in the Boiler room. Finally, a one-storey volume was added to wrap the north east corner of the facility.

It accommodates the Ambulance Bay, a portion of the Diagnostic Imaging / Emergency and transforms itself into a canopy above the main entrance. By its warmer architectural language and human scale, this third volume smoothen the edge of the two-storey structure and acts as a welcoming and inviting feature as one approaches the facility.

The bedrooms and waiting areas were designed using family and community oriented philosophies. Landscaping features such as Inuksuit, paths and tent rings (to be used as meeting and grieving exterior spaces) were included in the site planning to provide physical and visual connections to the land thus enhancing the sense of comfort and security.

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