

OUR PROJECTS



SECTOR: HEALTHCARE

BROADVIEW LTC FACILITY

210 Brockville St, Smiths Falls

DESCRIPTION:

This project entailed the design and construction administration for an 80,000sqft single storey long-term care home. The building included 8 resident wings with 16 beds per wing and central common areas including dining rooms, multi-purpose spaces, medical offices, cafes, and resident storage rooms. Service spaces included laundry, full-service kitchen, equipment rooms, and administrative spaces.

CONSULTING SERVICES:

Callidus Engineering oversaw both the design and construction of the long-term care facility's mechanical and electrical systems. We ensured the heating and ventilation systems met healthcare standards, allowing for individual temperature control in each room. To achieve this, we incorporated features like roof-mounted HVAC units and a boiler plant. For the electrical system, we designed a reliable setup with a backup generator and energy-saving lighting controls. Additionally, electrical scope includes boasts modern safety and communication features including a fire alarm system, data and nurse call wiring, security measures, and door controls.

DESIGN TEAM:

Project Manager
Jennifer Stanley, P.Eng
Design Team
Andrew Hall, P.Eng
Zach Lindup, P.Eng
Nicholas Warren
Kiley McFie
Jordan Foster, P.Eng
William Vollmer, P.Eng
Ayah Badawi

SQUARE FOOTAGE:

80,000 sq ft.

CONSTRUCTION VALUE:

\$40 Million