

# 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