



RETIREMENT RESIDENCES & LONG-TERM CARE

PANDEMIC HEALTHCARE STRATEGIES

FOR MORE INFORMATION CONTACT
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SAFETY FIRST

POST-PANDEMIC CARE
REQUIRES ADAPTIVE
SOLUTIONS THAT
PROTECT OLDER
ADULTS AND THEIR
CARE PROVIDERS.

Reconfiguring retirement residences and long-term care homes means developing safe spaces for the wellbeing of those who need care, and those who provide care.

Our team at BLT Construction Services believes that the capacity challenges faced by retirement care providers can be flexibly addressed through a combination of residence units and medical units for older adults, and accommodation units for care staff.



TURNKEY BUILDING SOLUTION

In partnership with Sprung Structures, BLT Construction Services has developed a turnkey solution that can effectively address the requirements of retirement residences and long-term care homes.

With the ability to accommodate any site requirement and occupancy, these scalable structures can be configured to safely provide different levels of care within one facility.

RAPID BUILD
STRUCTURES THAT
OFFER AN UNMATCHED
LEVEL OF VERSATILITY,
LONGEVITY, AND
PORTABILITY.



SPECIFICATIONS

Sprung Structures are a quick build, performance architectural solution.

» With R-25 insulation capabilities, they are highly capable in, and comfortable for, Canadian winters.

» Performance architectural membrane prevents solar gain, is energy efficient, and suitable for hospital-grade applications. The standard Polyurethane Architectural Membrane has a 15-year pro-rata guarantee, with the option to upgrade to a DuPont™ Tedlar® Membrane for added longevity, further colour choices, and a 25-year pro rata guarantee.

» Rust-proof and long-lasting aluminum military grade substructure comes with a 50-year pro-rata guarantee from Sprung.

KEY BENEFITS

» Our experienced team at BLT can provide expert site analysis, planning, complete design services, and manage all elements of the project.

» Our solution can provide you with a rapid deployment strategy with an expertly led installation process.

» Highly customizable structures with options for insulation, power plants, mechanical systems, and lighting options.

» Potential for accelerated tax depreciation compared to traditional buildings.

RETIREMENT RESIDENCE UNIT



PRIVATE SUITE

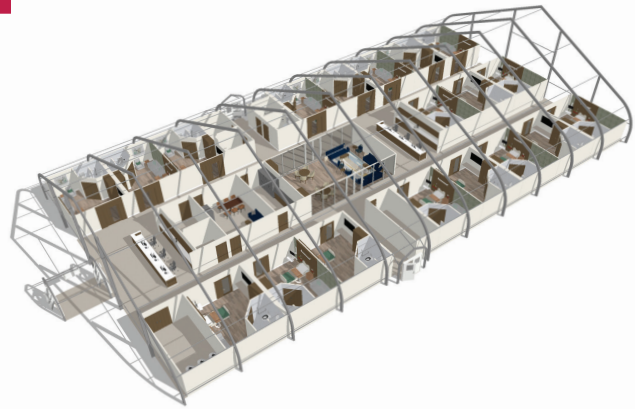
*For illustrative purposes only. Space will be configured per requirements.



Private and comfortable suites provide a safe environment for residents.

Each suite has its own accessible washroom.

Suites can be configured for different lifestyle and care options.



90' x 165' RETIREMENT RESIDENCE UNIT

19 PRIVATE SUITES

*For illustrative purposes only. Space will be configured per requirements.



LOUNGE & ACTIVITY ROOM



Retirement residence units provide space for resident amenities, wellness services, and nursing support.

Physical distancing requirements are built into the space with 6 ft wide hallways throughout common spaces.

MEDICAL UNIT



50' x 165' MEDICAL UNIT
70 PERSON OCCUPANCY

*For illustrative purposes only. Space will be configured per requirements.

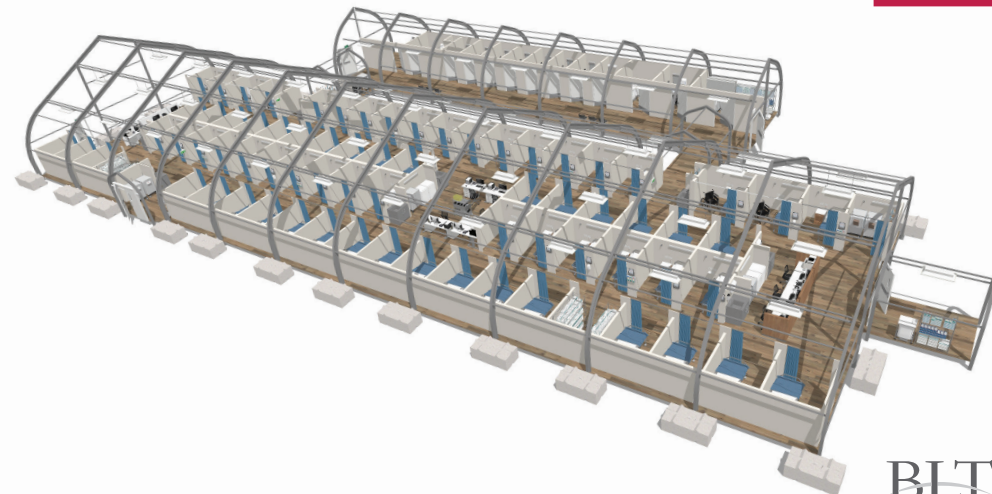


Temporary Medical Units provide additional capacity for alternate-level-of-care (ALC) patients who no longer require acute care in hospital.

Physical distancing requirements are built into the space with 6 ft wide aisles throughout, wall partitions, and privacy curtains.



NURSING STATION



Scalable Health Care Facilities

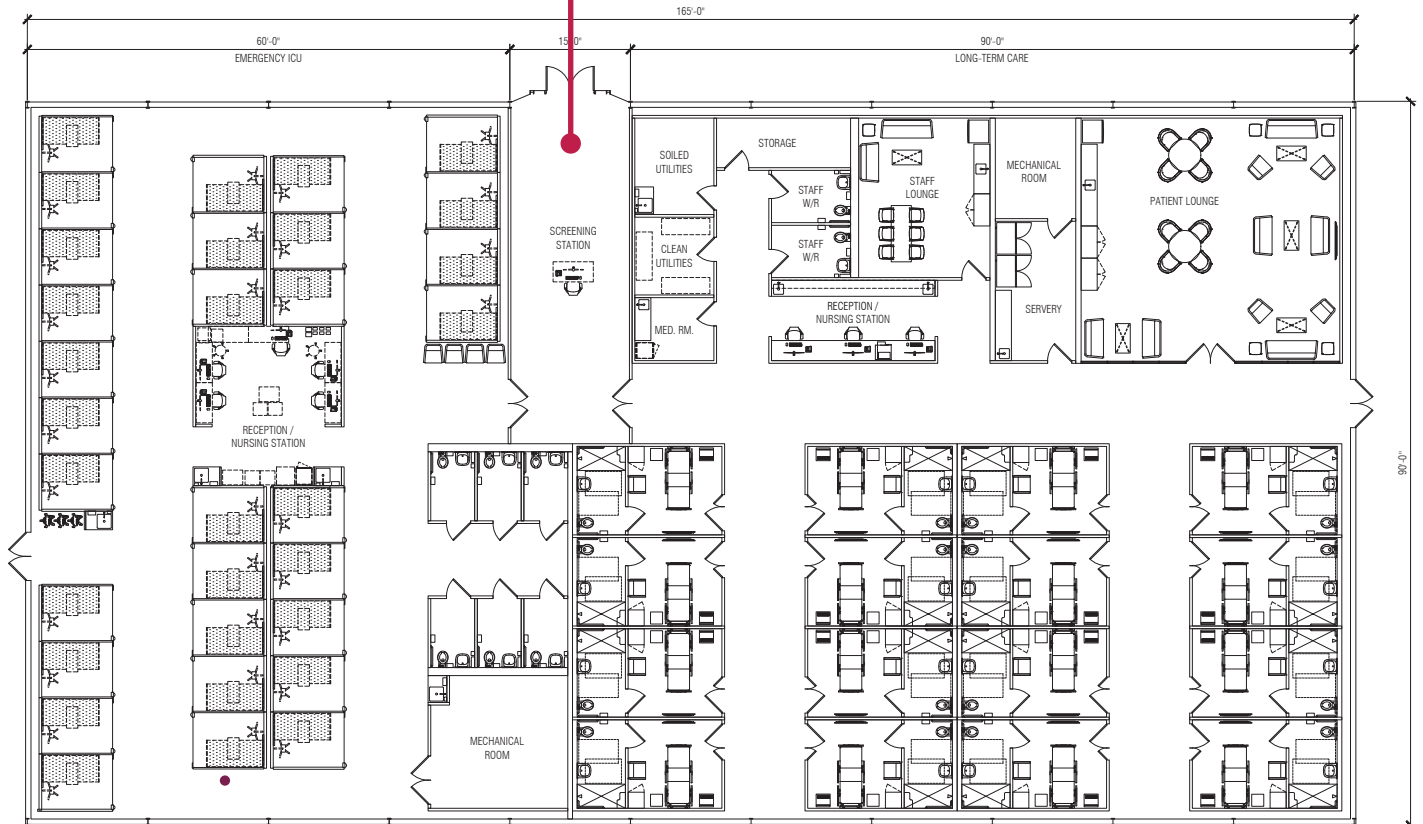
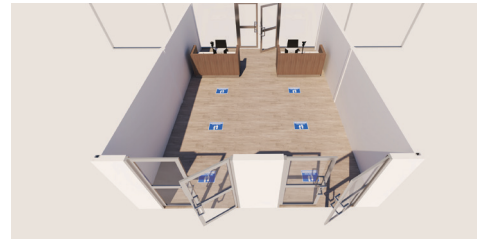
» Customizable structure sizes for appropriate bed capacity.

» Scaled options for oxygen delivery, from oxygen cylinders to on-site oxygen supply systems.



LAYOUT OPTION: COMBINED MEDICAL UNIT & RETIREMENT RESIDENCE

MAIN ENTRY
SCREENING AREA
LEADS TO SEPARATE
ENTRANCES FOR
MEDICAL UNIT AND
RESIDENTIAL UNIT



MEDICAL UNIT



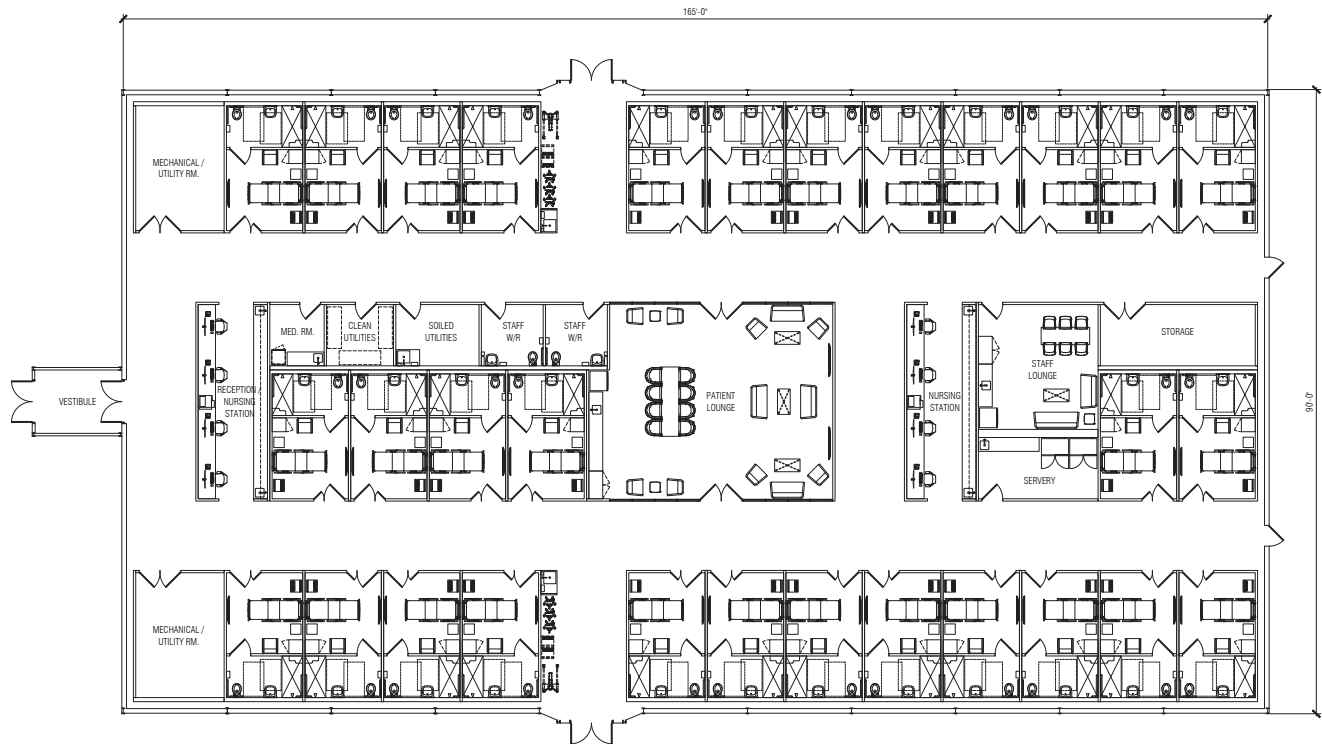
RETIREMENT RESIDENCE UNIT



90' x 165' COMBINED MEDICAL UNIT & RETIREMENT RESIDENCE
31 HOSPITAL BEDS & 16 PRIVATE SUITES

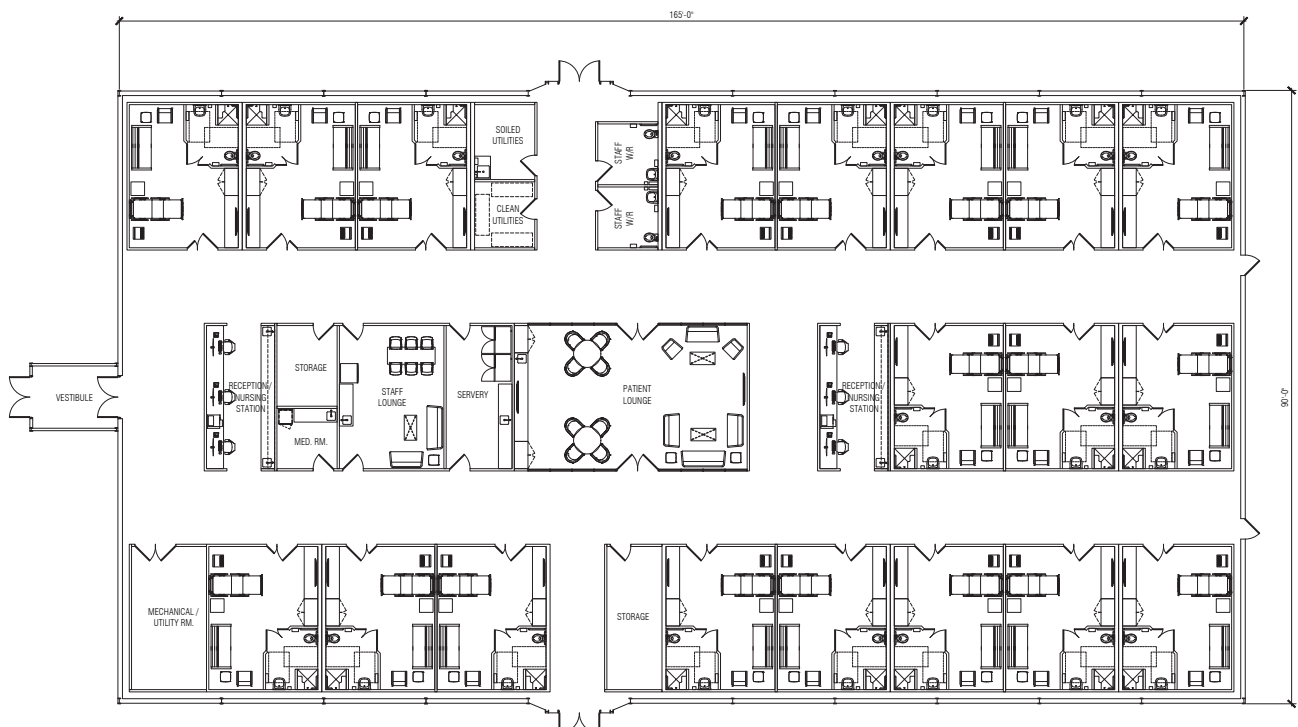
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LAYOUT OPTIONS: RETIREMENT RESIDENCE UNIT



OPTION A

30 PRIVATE SUITES FOR 90' x 165' RETIREMENT RESIDENCE
PRIVATE SUITE SIZE 11' x 18'



OPTION B

19 PRIVATE SUITES FOR 90' x 165' RETIREMENT RESIDENCE
PRIVATE SUITE SIZE 16' x 21'

ACCOMMODATION UNIT



20' x 30' ACCOMMODATION UNIT
3 PERSON OCCUPANCY

*For illustrative purposes only. Space will be configured per requirements.



Accommodation Units provide safe and temporary lodgings.

» Intended for those who may require an isolated space, such as nurses, health care support staff, or people with chronic conditions.

» Scalable units can be customized to suit occupancy requirements.



PLAN VIEW

These units function as self-contained apartments with amenities for a longer-term stay, including laundry facilities.

Accommodation units may have shared amenities between occupants as shown, or the unit can be built as a duplex for separated amenities.



COVID-19 SOLUTIONS IN ACTION

BURLINGTON

JOSEPH BRANT HOSPITAL

TEMPORARY PANDEMIC
RESPONSE UNIT

FIRST PANDEMIC
RESPONSE UNIT IN
CANADA FOR COVID-19
PATIENTS.

22

CRITICAL DESIGN-BUILD
PROJECT DELIVERED IN
14-DAYS.

DESCRIPTION

» This temporary 93 bed hospital facility was built as an essential part of the hospital's pandemic response plan to meet the heightened care needs of the Burlington community.

» Designed to meet rigorous health care standards and deliver high-quality patient care with oxygen supply system in a negative pressure environment.



MISSISSAUGA

TRILLIUM HEALTH PARTNERS

TEMPORARY PANDEMIC
RESPONSE UNIT

TEMPORARY PANDEMIC
RESPONSE UNIT WITH
CAPACITY FOR 80-PLUS
PATIENTS.

BLT
CONSTRUCTION SERVICES



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