



**Build
Faster**

PETER LOUGHEED CENTRE

EMERGENCY RESPONSE FACILITY



Your healthcare structure solution, engineered and manufactured by Sprung Structures



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About The Project

THE CLIENT

Peter Lougheed Centre (PLC) is a 506,000-square-foot hospital in Calgary, Alberta, Canada. It operates under the auspices of Alberta Health Services, providing medical and surgical services to Calgary as well various communities in Southern Alberta.

PLC opened in 1988 with 500 beds, and today contains over 600 beds. A newer east wing was completed in 2008 and includes 140 inpatient beds, as well as an intensive care and coronary care unit. It also has a rooftop helipad for emergency services.

albertahealthservices.ca

THE ASK

The Province of Alberta estimated it would need an extra 2,200 hospital beds to address an anticipated surge of patients during the COVID-19 pandemic. While much of this demand for additional hospital beds was met through the temporary cancellation of elective surgeries, the province still needed to find additional space.





HOW SPRUNG DELIVERED

Sprung Structures recognized the immediate need and donated a 50' x 165' structure to help ramp up capacity by adding 70 additional beds. Delivery and construction of the structure took just 17 days, while completion of both the exterior and interior took a total of 22 days.

With the help of Cana Construction, Falkbuilt and Stantec, the Province of Alberta met its goal of achieving additional capacity to care for patients with COVID-19.

THE SPECS

50' wide x 165' long | Fully insulated



By providing much-needed care spaces, the Pandemic Response Unit Structure has been a critical part of our hospital's infrastructure during the pandemic and greatly enhanced our ability to provide safe and timely care, while preserving privacy and dignity for our patients."

– Dr. James Andruchow
Emergency Physician,
Peter Lougheed Center



PETER LOUGHEED CENTRE VIDEO:
https://youtu.be/N400Q7877_I

October 8, 2021

Attention:

Sprung Structures Calgary
PO Box 62, 80039 Maple Leaf Road
Aldersyde, Alberta T0L0A0

RE: Pandemic Response Unit Structure

To the Staff of Sprung Structures Calgary,

We, the doctors, nurses and allied healthcare professionals at the Peter Lougheed Centre Emergency Department are writing to express our sincere appreciation for your company's generous donation of the Pandemic Response Unit structure to our hospital.

As the emergency department with the highest patient volumes but the smallest number of care spaces in Calgary, we have struggled for the past several years to provide adequate treatment spaces for our increasingly complex patient population. The Covid-19 pandemic has only multiplied the challenges that we face, especially the need to accommodate more critically ill patients and enhanced infection prevention and control measures which have further limited our available care spaces. We are happy to report that a new and expanded emergency department is currently under construction which will provide a much needed increase in care spaces and capacity for our hospital, but it will not be fully operational for several more years.

By providing much needed care spaces, the Pandemic Response Unit Structure has been a critical part of our hospital's infrastructure during the pandemic and greatly enhanced our ability to provide safe and timely care, while preserving privacy and dignity for our patients. Thousands of patients have now benefitted from treatment within the structure and it has greatly improved the work experience of our staff. In fact, the Pandemic Response Unit structure continues to provides some of the best working conditions in our department and has helped to improve staff morale during these difficult times.

It is for these reasons that we are profoundly grateful for your company's donation of the Pandemic Response Unit Structure, and we would like to formally recognize your contribution to improving the healthcare of Albertans.

Sincerely,

The Doctors, Nurses, and Allied Health Care Professionals of the Peter Lougheed Centre



Dr. James Andruchow
Emergency Physician,
Peter Lougheed Center



Sprung Knows Healthcare Facilities

We have a proven track record with numerous structures around the world. See Sprung in action at:



To learn more visit:
sprung.com/structures/emergency-field-hospitals



The Sprung Difference

► SPRUNG CARES

Our teams work in some of the most vulnerable environments and harshest conditions. At Sprung, we are deeply committed to positively impacting the communities we serve, and applying our innovative ideas to help solve complex problems.

► UNMATCHED REPUTATION

Invest in the world's most reliable, versatile and technically advanced structures: Sprung has erected 12,000 structures in more than 100 countries.

► ENGINEERED FOR EXTREME CLIMATES

Sprung structures are engineered to withstand extreme weather conditions.

► IMMEDIATE DELIVERY FROM INVENTORY

Complete projects in a much shorter time frame than conventional construction.

► CUSTOMIZABLE

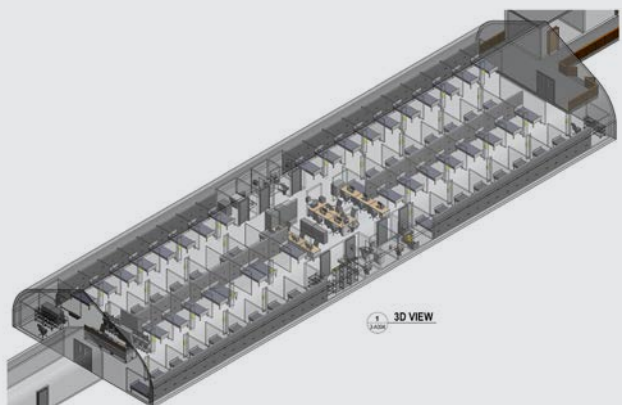
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

► LIMITED FOUNDATION REQUIREMENTS

Save on foundation costs where appropriate soil conditions exist. Concrete foundations are not required for Sprung structures up to 160 ft. in width, saving time and cost for installation.

► COST-EFFECTIVE, COMPACT SHIPPING

Enjoy the convenience and cost savings of shipping up to 15,000 sq. ft. in a single, standard ISO container or flatbed truck.





About Sprung

Sprung Structures provides rapid-response buildings to a wide range of leading businesses and organizations including global armed forces, the natural resources industry, the manufacturing, commercial gaming and education sectors, disaster recovery, healthcare and aviation, as well as to the sports and recreation industry. Our patented tensioned membrane technology outperforms other building alternatives with a faster, better build.

Sprung has designed and patented tensioned membrane technology that outperforms other building alternatives and offers a faster, better build.

You can trust us to design and manufacture your facility with speed and quality that will exceed your expectations. Our clients demand it, our history proves it. In business since 1887, Sprung has completed over 12,000 structures in more than 100 countries.



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