

SOUTHERN ALBERTA
INSTITUTE OF TECHNOLOGY
SAIT

GYMNASIUM



**Build
Faster**



Your gymnasium structure solution, engineered and manufactured by Sprung Structures



Build
Faster



About The Project

THE CLIENT

Located in Calgary, Alberta, the Southern Alberta Institute of Technology (SAIT) was established in 1916 as the first publicly funded technical school in North America. Today, the school serves approximately 40,000 students each year and is seen as a global leader in applied education and research. Offering certificate, diploma, post-diploma, apprenticeship and applied degree programs, as well as baccalaureate degrees, corporate training and continuing education courses, SAIT's action-based learning is helping to shape the next generation of inventors, entrepreneurs and pioneers. <https://www.sait.ca/>

THE ASK

As part of a large, multi-year project to redevelop its campus facilities, SAIT required a transitional gymnasium to serve students and faculty while a new, permanent Athletics and Recreation Centre was being built. Wanting the transitional facility in place as quickly as possible so as not to disrupt athletic endeavors on campus, stakeholders at SAIT explored a variety of options and found that the fastest and most economical choice was a Sprung structure.



Everything we saw at Sprung aligned with our construction goals: design, speed, durability, flexibility.”

– Michelle Fernandes,
Director, Planning,
Design & Projects
Facilities Management



HOW SPRUNG DELIVERED

SAIT's transitional Wellness Centre was designed, delivered, constructed and fully operational within just 11 months. Engineered to ensure barrier-free access and year-round use, the 15,000-square-foot facility includes a full-sized basketball court (which can also be used for badminton and volleyball), as well as locker rooms, washrooms and plenty of dedicated space for cardio machines, free weights and other fitness equipment.

The bright, clear-span structure also features a variety of design elements that help to optimize athletic performance, including a state-of-the-art LED lighting system, daylight panels and a custom glazing wall for optimal natural light, and an energy-efficient insulation package that keeps the interior environment comfortable, no matter the season.

THE SPECS

120' wide x 120' long | Fully insulated
Daylight panels | 14'3" Entrance vestibule
8'x15' Glazing wall | 42 Sprung lights | Tedlar membrane



This was an idea in someone's head 11 months ago, and we are able to have a fully opened structure right now."

– Paul McCarthy
Project Manager
Chandos Construction



WATCH SAIT FACILITIES REPORT:
<https://youtu.be/OD9SMdFH8ZE>





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

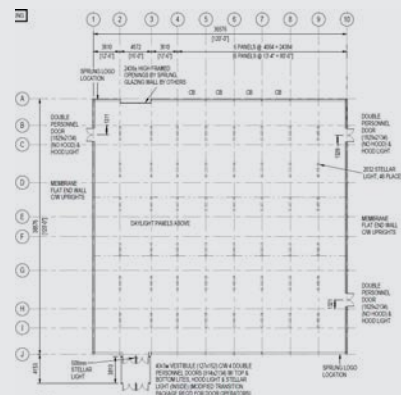
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

► 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.



Sprung Knows Gymnasiums

Hundreds of our structures are currently serving as school gymnasiums and community centers. See Sprung in action:



To learn more visit:
www.sprung.com/gyms





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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