



A Faster  
Way to Build

PIIKANI NATION

# PIIKANI NATION HOCKEY ARENA

MULTI-PURPOSE CENTRE





# Your ice rink structure solution, engineered and manufactured by Sprung Structures



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## About The Project

### THE ASK

The Piikani Nation of Brocket, Alberta was planning to build a state-of-the-art multi-purpose arena. In addition to providing a high-end hockey and sports facility, the arena was intended to unite and build the Piikani Nation community.

Among the challenges to be overcome was that the Piikani Nation's southern Alberta location experiences severe wind loads.

### HOW SPRUNG DELIVERED

Aligned with ATCO Sustainable Communities, this ice arena was built from groundbreaking to completion in ten months.

#### Building Features:

- Extreme wind and weather durability
- High performance insulation system
- Dupont Tedlar exterior membrane
- Large graphics package
- Spectator seating for 448
- Concession and food prep area
- 4 men's dressing rooms
- 2 women's dressing rooms
- Referee room
- Offices and meeting rooms
- High peak height



This facility represents a new horizon in economic growth and prosperity for the Piikani people. It will not only bring our people together for a variety of occasions, but it will also keep more recreational funding dollars within the community supporting our growth and sustainability. This new facility will be the heartbeat of our community.”

– Chief Stan Charles Grier



## About The Client

The Piikani Nation (formerly the Peigan Nation) (Blackfoot: Piikáni) is a First Nation (or an Indian band as defined by the Indian Act), representing the Indigenous people in Canada known as the Northern Piikani (Blackfoot: Aapátóhsipikáni) or simply the Peigan (Piikáni or Pekuni). The Piikani Nation consists of roughly 3600 registered members. Of this population roughly 40% live off reserve in urban centers that surround the nation. The Piikani Nation has a land mass of 46,677.8 hectares and two additional reserves – 147a where the town site is located and 147b which is a timber reserve.

[piikanination.com/](http://piikanination.com/)

## THE SPECS

130' wide x 350' long | Fully insulated  
Designed and built to meet 110 mph sustained wind loads



**It's an essential meeting place that's going to help create unity in our community."**

– Quinton Crow Shoe,  
coach for the Piikani senior men's hockey team



**WATCH DRONE FOOTAGE:**  
<https://youtu.be/IBms-PLP-Z0>





## Why Sprung for Ice Arenas

We know the sports industry faces unique challenges, from labor shortages to supply-chain issues, to tightening margins. When partnering with Sprung on a venue build, we help you get back to the core business of sports and recreation while we provide:

- Rapid construction
- Design flexibility
- Performance & durability
- Lower overall costs

With Sprung, your new facility can be up and running faster, more cost-effectively and designed with your arena needs in mind.



## 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

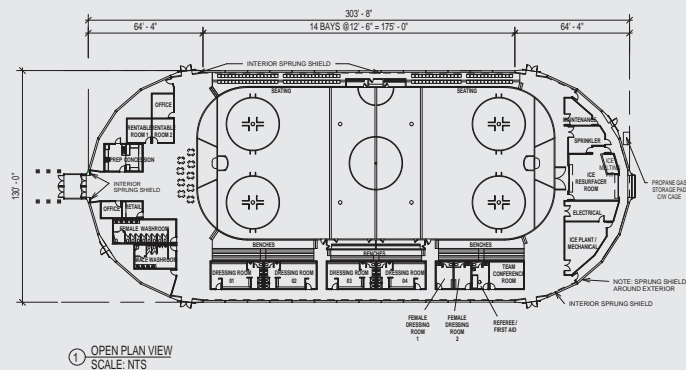
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

### ► 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 flat bed truck.





## About Sprung

Sprung meets rapid-response building needs in a wide range of leading businesses and organizations including the global armed forces, the natural resources industry, manufacturing, commercial gaming, education, disaster recovery, healthcare, and aviation, as well as sports and recreation. Sprung has designed and patented tensioned membrane technology that outperforms other building alternatives and offers a faster, better build. Year after year, we continue to engineer the most innovative, versatile and reliable building solutions.

**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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