



**Build
Faster**

SALT STORAGE FACILITY

PUBLIC WORKS



Your public works structure solution, engineered and manufactured by Sprung Structures



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About The Project

THE CLIENT

Most large cities throughout Canada have a transportation or roads department that is responsible for maintaining, rehabilitating and reconstructing its municipality's roadways throughout the seasons. During the colder months, road maintenance typically includes preparing for and responding to snow events by plowing major roadways, sanding for traction and applying road salt to melt ice.

THE ASK

Over the years, one of Canada's largest cities has procured various membrane products—including some Sprung structures—to enclose the road salt required for maintaining its roadways in the wintertime. Of the many membraned structures the City has utilized, only Sprung's have been able to withstand the corrosive environment of salt storage over a long term—other structures had to be repaired or replaced after only five years of use. As a result of our structures' durability, when the City sought to construct a new salt storage facility at one of its operations yards, our expertise and quality stood out in a competitive selection process, leading to a Sprung salt storage solution.





HOW SPRUNG DELIVERED

Sprung designed and delivered a 22,500-square-foot, high-performing structure for the client's salt-storage needs. Mounted on a concrete wall for increased height and space, the voluminous, clear-span structure features three large service doors that provide easy access for large salt trucks, as well as an interior wood wall that helps to contain the salt.

The longevity and durability of Sprung's aluminum substructures (compared to the steel substructures used on other products) and the quality of our membranes and other components were the main deciding factors for the City when choosing to go with a Sprung structure for its new salt storage facility. Sprung's 50-year warranty on the substructure and 25-year warranty on the Dupont Tedlar membrane also made us stand apart from other vendors, who tend to waive warranties on salt storage facilities due to their corrosive environment.

THE SPECS

150' wide x 150' long | Three large rolling service doors
Dupont Tedlar exterior membrane
Corrosion-resistant bolt package



 WATCH OUR PUBLIC WORKS
VIDEO FOR MORE INFORMATION



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Sprung Knows Public Works

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



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



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

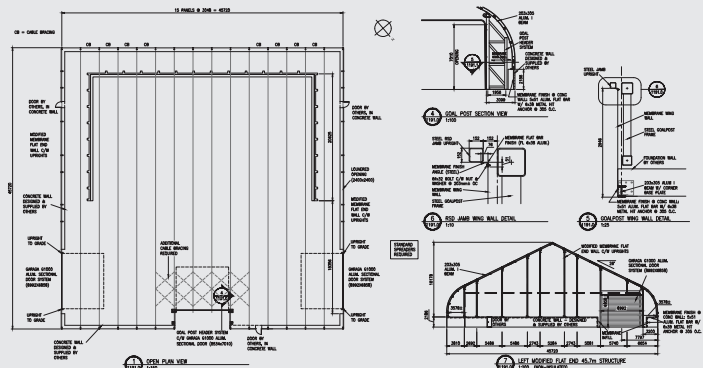
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

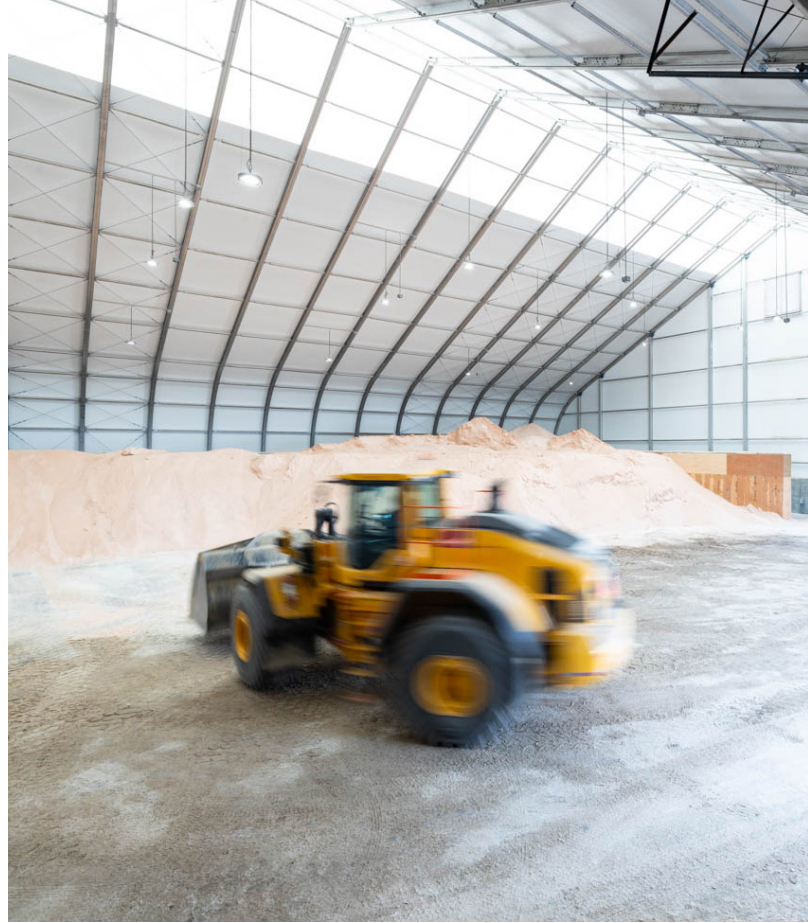
► LIMITED FOUNDATION REQUIREMENTS

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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