



Sprung
STRUCTURES

**A Faster
Way to Build**

**A JOINT VENTURE BY
RIO TINTO AND BHP**

RESOLUTION COPPER MINE

WINCH AND HOIST HOUSE





About The Project

Resolution Copper Mine located in Superior, Arizona is the second largest underground copper mine in the world, second only to Rio Tinto Escondido mine in Chile. Sprung supplied the structures to be utilized as the winch and hoist houses which have always been traditionally steel buildings. Sprung structures were selected due in part to speed of delivery and construction, unique crane liftable features and engineered relocatable design. The overall construction was much easier utilizing the Sprung product.

Previously, Sprung structures have been used as on-site warehousing for long lead items and now will be used as the winch house and hoist house. The mine will sink 10 shafts some 7000 feet and leap frog the structures from shaft to shaft.

The 40' x 48' structure was used as warehousing first then crane lifted into place for the winch house. The 80' x 158' structure covers the hoist house and the electrical building. This flexibility of the Sprung structure design made Sprung the right choice for the Resolution Copper.



LINKS

resolutioncopper.com/project-overview/

sprung.com | 1 800 528 9899 | info@sprung.com



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

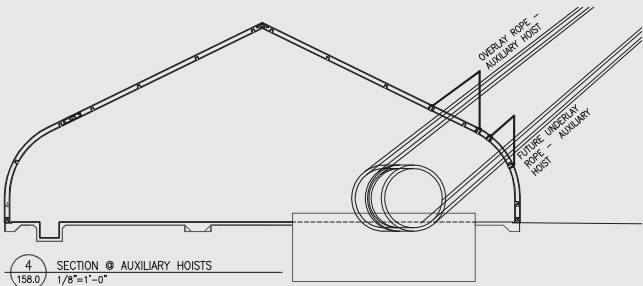
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

▶ 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.



Sprung Knows Mining

We know that resource industries faces unique challenges, from labor shortages to supply-chain issues, to tightening margins. When aligning with Sprung on a build, we help you get back to the core business while we provide:

- Rapid construction
- Design flexibility
- Performance & durability
- Lower overall costs than traditional builds

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





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.

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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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