

Client:
Northstar At Tahoe

Design & Construction By:
Tension Span North America

Project Status:
Completed February 2009

Project Size:
2,050 sq.ft (190sq.m)

Barrel Vault Canopy

Tension Span Structures has been providing the international market with custom made shade structures for over 30 years. Robust and long-life, these structures are designed with their environment in mind, be it hurricane winds in Bermuda, salt spray and sea winds whipping off Dublin Bay in Ireland, or the harsh sun and soaring temperatures of Arizona.

This barrel vault style canopy has been designed specifically to meet the extreme snow load requirements in this area of the Sierra Nevada Range. Tension Span provided the Black Triplex-coated steelwork in large bolt together sections, which lifted right out of a 40' container and was assembled to a perfect fit.

Outside of the snow season the structure provides protection from the sun during the mountain summer. The high performance Tedlar® PVF fabric also blocks 100% of UV rays, creating a shady platform for events and community gatherings.

This unique shade structure is built to the worldwide standards of Tension Span's large tension membrane structures and permanent commercial umbrellas.



1. Snow load tested
2. Heavy Duty Steel Supports