The purpose of this document is to provide vendors supplying tents for SLAC events a minimum list of requirements that all tents should meet. This document provides prescriptive solutions for generic installations; where more flexible solutions are required, the vendor and project should turn to the detailed requirements offered in the “Fire Marshal Standard Operating Guidelines for Tents and Membrane Structures” and the “Seismic Design Specification for Buildings, Structures, Equipment, and Systems: 2011”. This document only encompasses the requirements associated with the vendor and does not include the larger list of installation requirements such as fire access, egress clearances and parking.

**Structural Design Requirements**

Event tents greater than 120 square feet must provide a structural design and anchorage system that meets Seismic Design Category E and wind exposure category C. That being said, most events will never take place if winds are over 40 M.P.H. and it is permissible to design for maximum wind loads of 40 M.P.H. where the SLAC Project Manager agrees that the event will not take place should that wind speed be exceeded.

All tent submittals should include engineered stamped copies of:

1. Structural **calculations** for tent structural design
2. Structural **details** of tent to meet above calculated design.
3. Structural **calculations** for minimum anchorage requirements
4. Structural **details** of stakes and/or barrels to meet above anchorage calculation requirements.

**Fire Resistance Requirements**

All tents shall bear labels indicating that the separate pieces of the tent meet the flame resistance requirements of CPAI-84. All floor coverings, bunting, combustible decorative materials and effects, including sawdust when used on floors or passageways shall be composed of flame-resistant material or shall be treated with a flame retardant in an approved manner.

**Exiting, signage and lighting Requirements**

Tents with occupant loads below 201 people need to provide two 72” exits and those between 201 and 500 should provide three 72” exits. Tents that will be occupied only during daylight hours with at least two open sides do not require backlit exit signage or egress lighting. Exit signs will be required at all exits and “No Smoking” signs shall be posted at the top of a minimum of two walls. Additionally, the maximum occupancy shall be posted within the tent.

**Fire Extinguisher Requirements**

Class 2-A 10 B-C fire extinguishers shall be provided and located one at each exit. The extinguishers shall be a maximum of 40 lbs., placed between 5 inches and 3.5 feet above the floor (to top of extinguisher). All extinguishers shall be U.L. listed, have break-away tamper...
ADA Requirements

Disabled access requirements for tents can be complicated and should always be determined in conjunction with the SLAC project manager assigned to the tent installation. The tent supplier however can streamline the effort by always insuring the following:

1. Where seating at tables is provided, a minimum of 5% of those seats in each separate area should provide leg room that is 27”HX19”DX30”W. The table top at these locations should be a maximum of 34” A.F.F.

Other Requirements Not Included in this Document

Electrical, Heating/Cooking/Aisle, Seating Egress widths- This document does not cover all subject areas that may apply to your tent. If your tent includes these items then you should work with your project manager who can help provide you with the minimum requirements.