

Location	Max Shear	Max Lift	Max Down	Max Resultant
Blue/Gold Guy	1143	946	3	1483
Wall Bar	2225	1546	N/A	2710
Centre End Membrane	1168	1900	N/A	2231
Base	2774	N/A	4952	
Door Pole Base	887	N/A	1535	1773

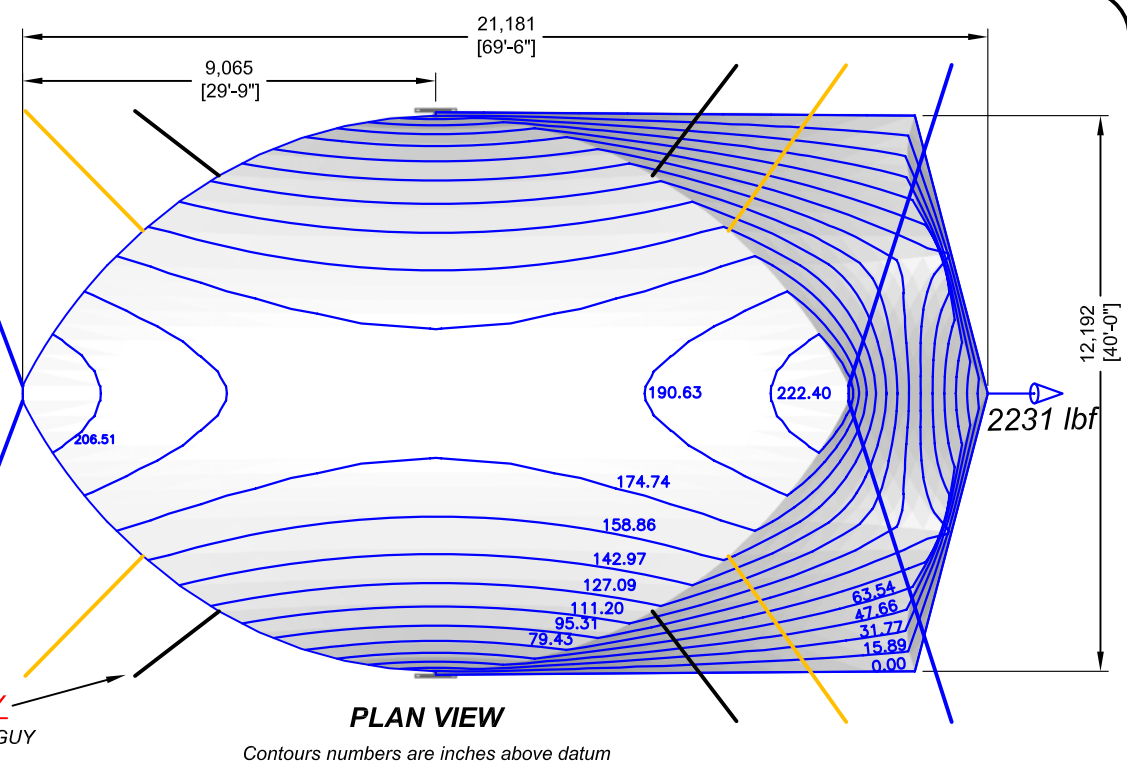
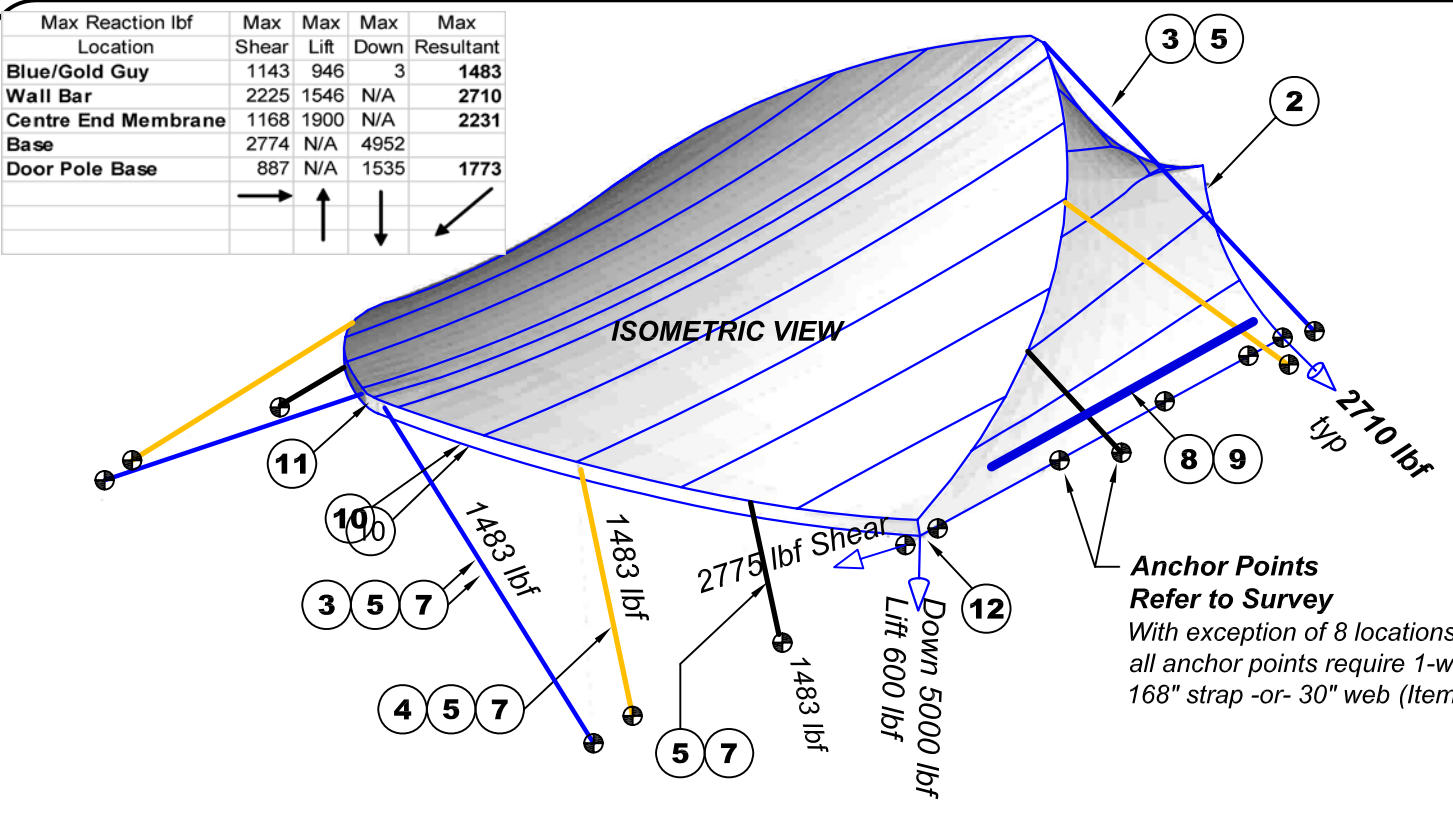
S2000H Concert  
Plan Area = 2341 sq ft / 217 sq m



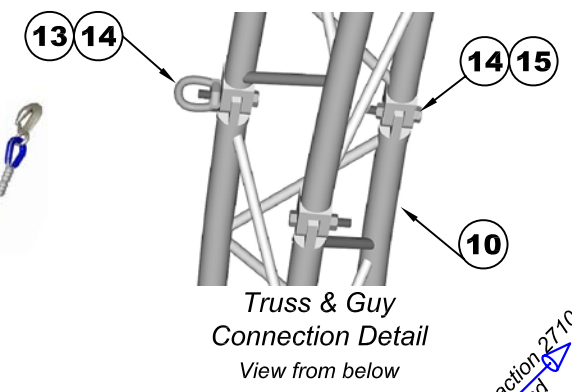
**CAUTION:**  
Tilting canopy off-horizontal will increase wind lift & drag forces exponentially, effectively lowering Design Wind. Canopy shall be level in regions of high wind and doors should be open.

Magnitude of vectors varies with wind. Vectors shown for 70 mph. Multiply magnitudes by 0.45 for 40 mph or 1.8 for 80 mph.

**SPECIAL NOTE: S2000 ONLY**  
NO CABLE ASSEMBLY AT LOWEST GUY LOCATION.  
A single web strap is connected directly to the truss nut eye. (Item 9)



**Anchor Points Refer to Survey**  
With exception of 8 locations at bases (Item 12), all anchor points require 1-winch Assy and a 168" strap -or- 30" web (Items 5 & 6)

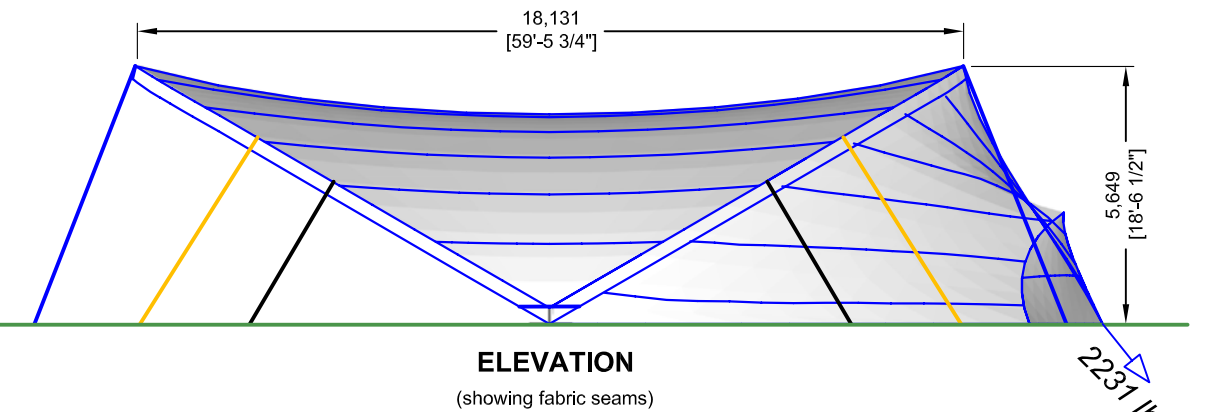
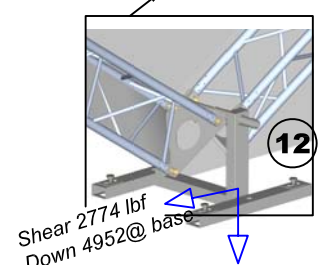
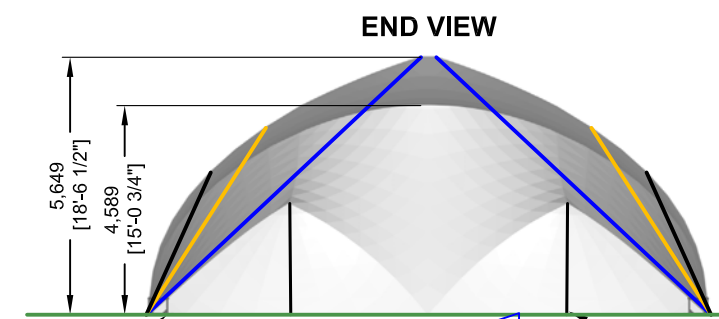
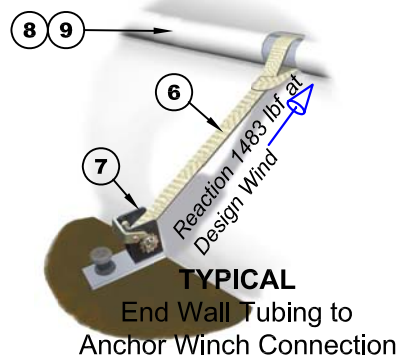
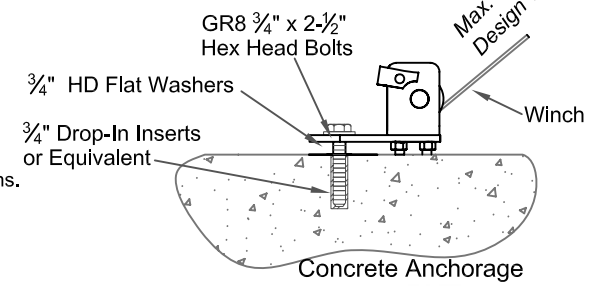


**3 - or - 4**  
Cable Assembly  
Thimble colour identifies length.

**5**  
Web Strap  
with Safety Hook  
Common to all Saddle Span Guy Assemblies.

**7**  
Winch Assembly  
Required for all Earth & Concrete surface installations.  
NOT required for Ballast Anchor applications

**Double Head Stake (TYP.)**  
42" Double Head, typical anchor for Earth Anchorage (Optimum soils conditions.)  
Other surfaces / soil conditions may require alternate anchorage systems.  
When in doubt consult local engineer.



**LIGHTING:**  
Allowable live load due to equipment such as lighting ~100 lbs ea x 4 locations symmetrical about CL & axels.  
Attachment shall be by web belt or clamps to pipe inserted into truss between pickets.  
**Do not clamp to truss.**

ITEM#	PART #	QTY.	UM	DESCRIPTION	WT LB
1	40.32.002	1	1	S2000H TOP FABRIC ASSEMBLY	396.1
2	40.32.001	1	1	S2000H END	220.7
3	30.16.101	4	1	GUY CABLE ASSY SADDLESPAN-BLUE	21.0
4	30.16.103	4	1	GUY CABLE ASSY SADDLESPAN-GOLD	18.7
5	30.16.210	12	1	STRAP 2 IN X 168 IN WITH SAFETY HOOK	35.5
6	40.45.507	6	1	WEB STRAP 2 IN X 60 IN WITH LOOP	3.3
7	30.73.020	21	1	ANCHOR WINCH COMPLETE	90.6
8	30.45.026	4	1	SLEEVE STANDARD COMPLETE MQ	2.7
9	30.30.008	6	1	TUBE ALUM 9.25 FT MQ (2.5 IN X 0.100)	47.9
10	30.60.006	12	1	TRUSS S2000 ALUMINUM	631.2
11	30.60.005	2	1	APEX S2000 GALV	88.1
12	30.60.000	2	1	BASE ASSY S2000 C/W HINGES & AXLE GALV	155.1
13	20.23.034	12	1	NUT EYE 0.5 CROSBY G400 # 4 - 5/8 THREAD	7.2
14	20.22.012	48	1	BOLT HEX HD 0.625 X 4 NC PL GR8	19.2
15	20.23.008	36	1	NUT HEX 0.625 GR2 NC PL	2.4
16	30.25.200	2	1	DOOR POLE - ADJUSTER ASSY S2000	22.9
Not Shown	70.63.014	1	1	MANUAL SS INSTALLATION & VIDEO	2.0
<b>Total lbs</b>	<b>50.32.001</b>			<b>SADDLESPAN SYSTEM S2000-H CONCERT</b>	<b>1,765</b>

Rev #	Date	By	Description
01	26 Mar 02	BRNS	Safety Guy added & reformat sheet without changing content
02	07 Nov 02	BRNS	Change BOM to allow for using Anchor Kits
03	13 Feb 05	BRNS	Change to High Profile version, add related notes
04	14 June 05	BRNS	Update Guy Cable images, Add anchor winches and End wall anchor bars
05	10 May 06	AC	Updated SS images, Added side anchor winches
06	19 Jan 07	GW	Reactions
07	31 Jan 07	BRS	Undated Anchorage

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**SADDLESPAN SYSTEM S2000 H-CONCERT**  
General Arrangement

Project: Saddlespan	Scale: NTS	Sheet No.: 1 of 1
Dwg By: B.B.	Date: 04/03/00	File:
Ck'd By: ALI	App'd: <i>GN</i>	<b>50.32.001</b>

**WARNING: Possible underground hazards.**  
Tent satisfies IBC - 2003 80 MPH Basic Wind; Fire - ULC S109, Calif. Fire Marshall, & M2. User Note: Tent integrity is a direct function of installation quality. Follow installation instructions, adding anchors as conditions (ground & exposure) require. Do not exceed design parameters or local ordinances for public assembly. Reaction forces shown are for test-bed conditions only. Hills or other land forms, windward obstruction & other local conditions will alter actual forces considerably. Anchors & guying indicated on this drawing may or may not be appropriate for soil & site conditions. When in doubt, consult local engineer. Minimum clearance height required for installation = 10,871mm = 35' 8". To minimize risk of personal injury, user shall clear occupants from tent when forecast wind gust exceeds 60 mph. **CLIMBING ON TENT CAN RESULT IN INJURY OR DEATH.**