



# WARNING!

The safe installation and use of commercial tenting products can vary from site to site and during varying climactic conditions. Careful consideration should be paid to any installation during windy conditions and shall be monitored throughout the duration of the installation. Periodic maintenance and monitoring of the installation by the installer is required. Techniques other than those specified in this document may be required during these types of conditions.

Users and installers shall indemnify and hold harmless Aztec Tent for any claim resulting from the improper installation and/or maintenance of this unit.

Soil conditions also vary from site to site. The included anchoring package for this tent may need to be supplemented with alternate anchoring during windy conditions and in areas with questionable soil holding power. Full product engineering may be available.

## NOTICE

This tent product is not intended to be used as a shelter from severe weather. Aztec assumes no liability for such use. An evacuation plan for the area covered within this tented space is imperative and shall be thoroughly posted for all users and potential occupants of the tent. Severe weather including electrical storm systems, moderate to severe wind, heavy rains, snow, or any condition that raises any doubt to the structural integrity of the tent are immediate signs that an evacuation is necessary. Severe bodily injury and/or death can occur.

The installation of electrical, plumbing, lighting, appliances and/or HVAC equipment are not covered within this manual. Users/Installers shall follow local code requirements for the installation of these items using certified personnel. Aztec Tents shall be indemnified and held harmless from any such use or injury resulting from its use.

#### \*\*\*IMPORTANT SAFETY INFORMATION\*\*\*

Proper personnel safety equipment should be worn at all times during the installation of any tenting products.

Hard Hat

Safety Glasses

Work Gloves

Long Pants

Steel Toe Boots

OSHA Approved Harness and restraint system (for off ground activities)



Thank you for your recent purchase from Aztec Tents. The following procedures will help you through your installation. If you ever run into problems with the installation of your Aztec Tent give one of our sales/service professionals a call. A complete listing of sales, service, and operational support is always available on our website at www.aztectents.com.

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#### **Questions? Call us.**

**Aztec Tents** 

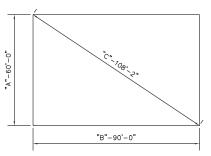
2665 Columbia Street Torrance, CA 90503 USA Direct (310) 347-3010 Toll Free (800) 228-3687 Fax (310) 381-0722

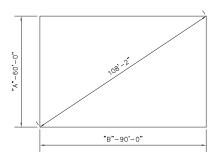
## **Installation Instructions**

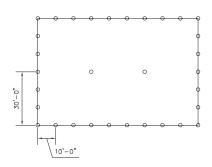
#### Step 1:

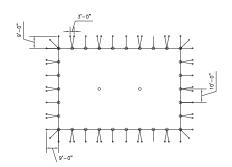
Square the tent area. Use the below squaring diagram to determine the diagonal or "C" Dimension your tent installation. To calculate your own squaring dimension for your width/length combination use the formula  $A^2+B^2=C^2$ .

		WIDTH- "A"						
		20'	30'	40'	50'	60'	80'	100'
LENGTH- "B"	20 30 40 50 60 70 80 90 100 120 130 140 150 160 170 180 190 200	28'3" 36'1" 44'9" 53'10" 63'3" 72'10" 82'6" 92'2" 102' 121'8" 131'6" 141'5" 151'4" 161'3" 171'2" 181'1" 191'1" 201'	36'1" 42'5" 50' 58'4" 67'1" 76'2" 85'5" 94'10" 104'5" 123'8" 133'5" 143'2" 153' 162'8" 182'6' 192'4" 202'3"	44'9" 50' 56'7" 64' 72'1" 89'5" 98'6" 107'8" 126'6" 136' 145'7" 155'3" 164'11" 174'8" 184'5" 194'2" 204'	53'10" 58'4" 64' 70'9" 78'1" 86' 94'4" 102'11" 111'10" 130' 139'3" 148'8" 158'1" 158'1" 158'1" 167'7" 177'2" 186'10" 196'6" 206'2"	63"3" 67'1" 72'1" 78'1" 84'10" 92'2" 100' 108'2" 134'2" 134'2" 143'2" 152'4" 161'7" 170'11" 180'3" 189'9" 199'3" 208'10"	82'6" 85'5" 94'4" 100' 106'4" 113'2" 120'5" 128'1" 144'3" 152'8" 161'3" 170' 178'11" 187'11" 197' 206'2" 215'5"	102' 104'5" 107'8" 111'10" 116'7" 122'1" 128'1" 134'6" 141'5" 156'2" 164' 172' 180'3" 186'8" 197'3" 205'11" 214'9" 223'7"









#### Step 2:

Mark on the ground with chalk or spray paint the location of the leg and center poles. These locations are identified on the drawing to the right. All legs are spaced 10' on center around the perimeter of the tent. Refer to the diagrams included with this manual for the pole locations for the various sizes.

#### Step 3:

Mark on the ground the location of each staking bar. The dimensions shown indicate the center of each bar. Each bar is placed equal distance away from each leg as the height of the leg. Note: refer to the included diagrams for proper anchoring recommendations.

#### Step 4:

Drive the anchoring stakes. Place the staking ratchet under the center hole of the staking bar and insert the 1" x 42" double headed stake through both holes. Drive the stake with a sledge hammer, air hammer, or gas powered hammer completely into the ground until it makes contact with the staking bar. Continue driving the outer two stakes through the staking bar into the ground. Continue with all stakes.

The final anchored product will look like the picture shown to the right.

#### Step 5:

Layout a ground cloth over the ground in the tent area. This will protect the tent top fabric. Position all of the centerpoles on top of the ground cloth so that the pin of the centerpole lays directly above the mark you made on the ground for the centerpole location. The centerpoles should all lay in the same direction so that the bottom points toward the end of the tent. Begin laying out the tent fabric per the layout diagram on pages 21-23.

#### Step 6:

Install the 4" round ring located at the top of each tent fabric piece over the top of the centerpole. You may use a small piece of rope to tie the four rings to the centerpole top to prevent them from sliding off during installation and lifting of the centerpoles in step 17.

#### Step 7:

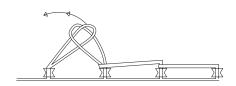
Begin lacing the tent sections together. See to illustration to the right for proper lacing technique.











#### Step 8:

Proper lacing technique shown to the right, using both hands to push the lace of the under panel through the grommet of the upper panel and pulling down to the next set of grommet and lace.

#### Step 9:

When you come to the end of the lace line the lace is terminated with a double knot as shown to the right.

#### Step 10:

Now seal the rain flap over the lace connection. Be sure to lay the velcro flap flat and smoothly join the velcro connection so that there are not bumps and that the velcro has full strength to join to the other section.

#### Step 11:

Connect snaps along perimeter webbing and (on twin pole models) connect the hooks and rings at the center of each middle section.

#### Step 12:

Begin installing the legs of the tent. First insert the pin of the corner leg pole through the ring on the corner of the tent. Attach three (3) web guys to the leader rings on the corner connection and apply enough tension with the ratchet to make the leg almost vertical.









#### Step 13:

Continue down the length of the tent installing legs and lightly tensioning the web guys. Continue with the other long side of the tent, starting at the corner and working down the tent.

#### Step 14:

Proper tensioning technique shown with socket wrench (not included) to apply enough tension to the leg pole to keep it from falling over.

#### Step 15:

Photo showing all of the leg poles installed and moderately tensioned.

#### Step 16:

Starting with the first centerpole on the end of the tent slide a 1" x 42" stake through the hole approximately 36" up from the bottom of the centerpole and set stake on the forks of a forklift as shown. Laborers will need to access the top of the centerpole by pushing up the fabric and walking toward the top of the centerpole. Using manpower the top of the centerpole is lifted vertically as the forklift gently moves forward. Once the pole is supported by the lift and the tension of the fabric is holding it off the ground the laborers should move away from the centerpole as the lift continues to slowly move forward.

CAUTION: The top of the centerpole is surrounded by an excess of fabric when it low to the ground. Be very careful that the fabric on the outside of the tent does not catch on the centerpole pin. A spotter is highly recommended to solely watch the pin and fabric from the outside and make any adjustments necessary to free the caught fabric.











#### Step 17:

Use the lift to position the bottom of the centerpole directly on the mark on the ground that you previously made. As you raise the first centerpole the next centerpole will lift slightly off the ground from tension of the tent fabric. Be sure as the adjoining centerpoles begin to raise they do not fall out of the rings.

Photo to the right shows "spotter" watching and assisting the positioning of the centerpoles from the outside. Be certain to wear proper harness and restraint system.

#### Step 18:

As the centerpoles are raised you might need to loosen some of the perimeter web guys to avoid overly straining the top fabric during the installation of the centerpoles. To release tension on the ratchet depress the gold colored toggle on the top of the ratchet mechanism with your boot or by gently tapping it with a stake.

#### Step 19:

Once all the centerpoles are installed you can begin to straighten all of the legs and tensioning all of the ratchet straps. Start with the four (4) corner legs first, make sure they are positioned on the ground mark and then re-tension the web guys so that the leg is plumb. Continue working down both sides of the tent to straighten the legs and tensioning to plumb.

Step 20: Photo of the fully tensioned Series 2000 Tension Tent.







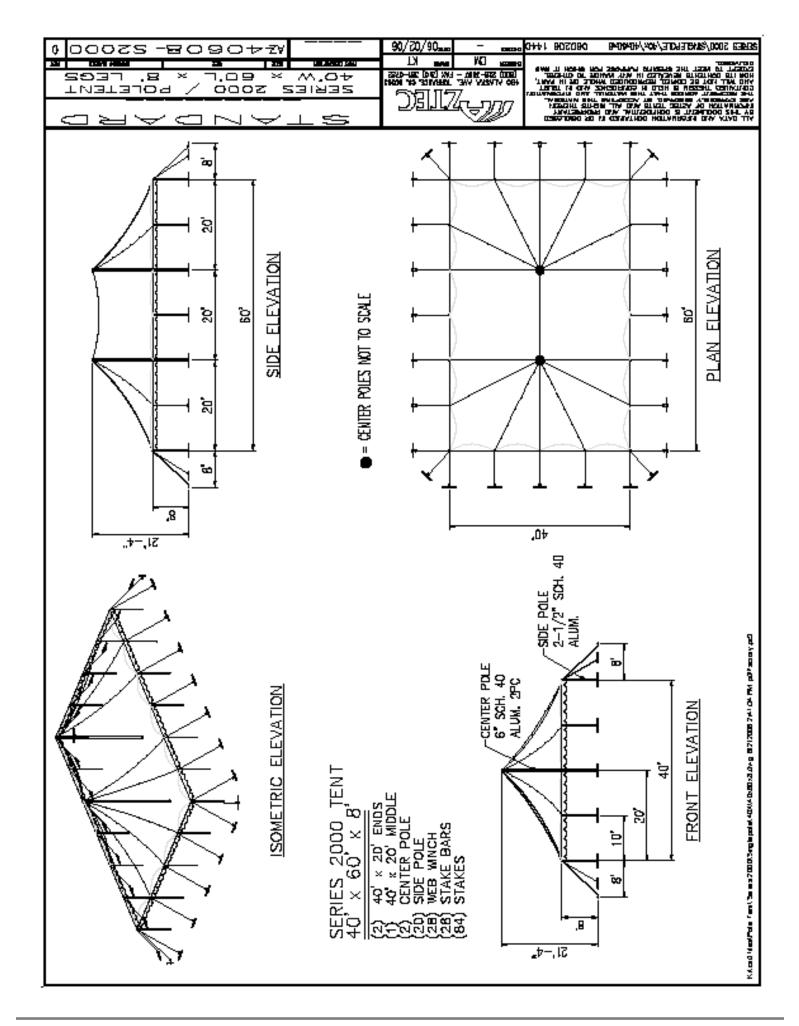


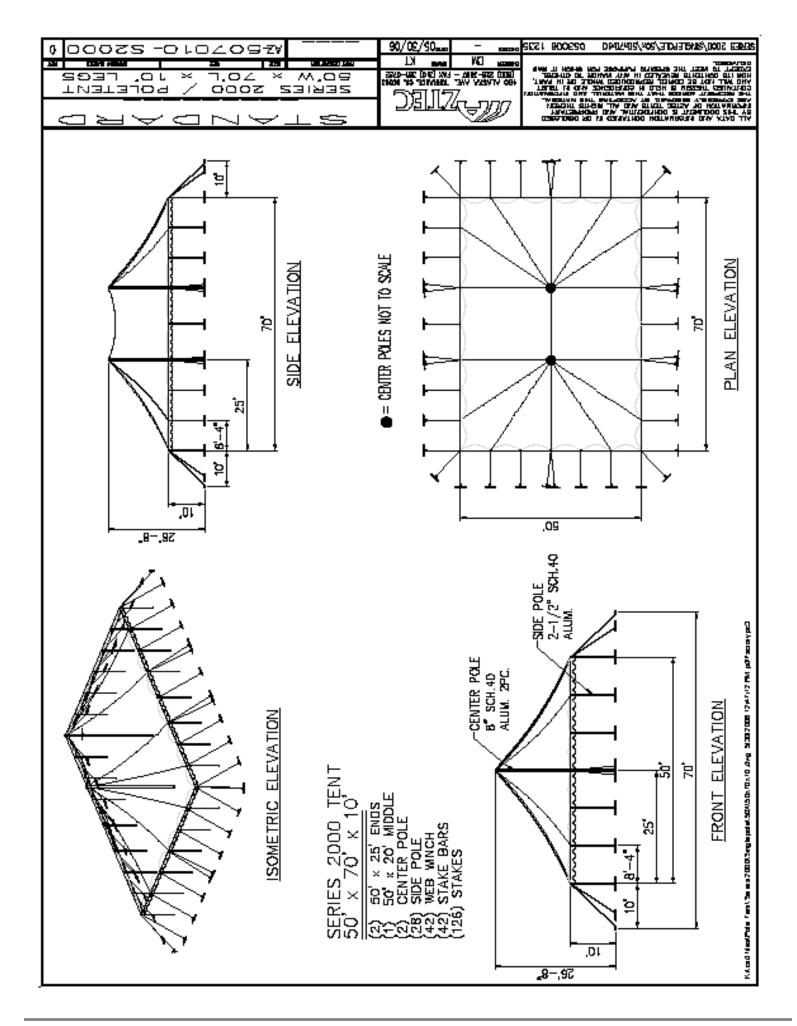


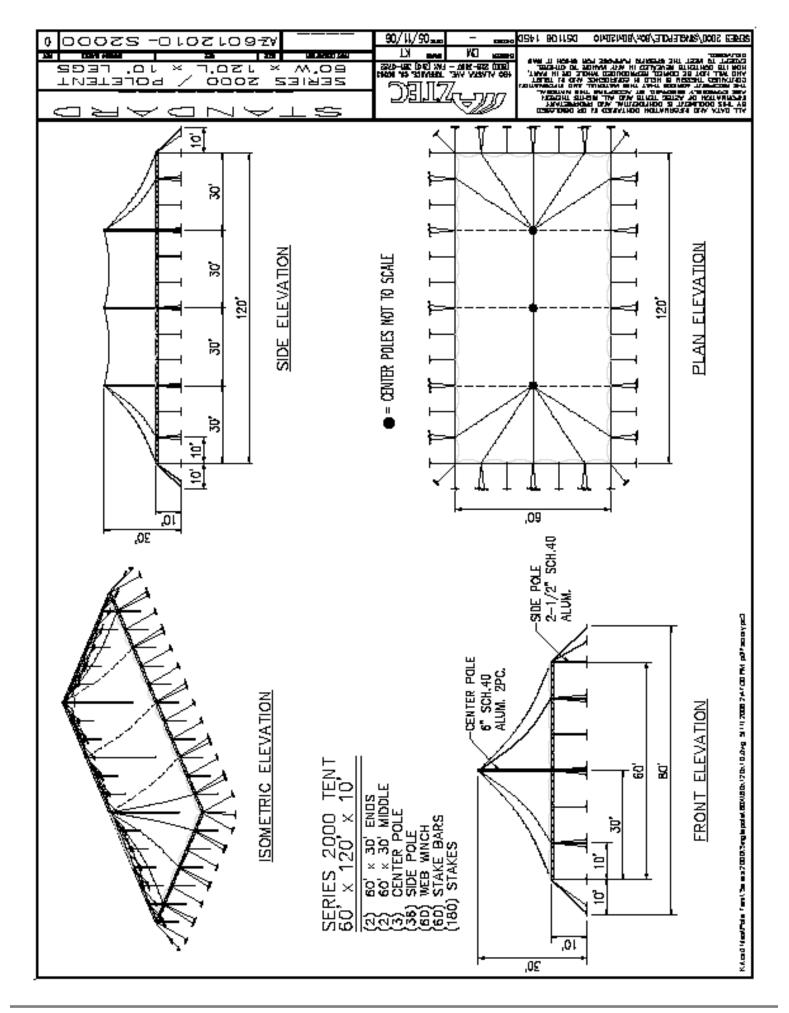
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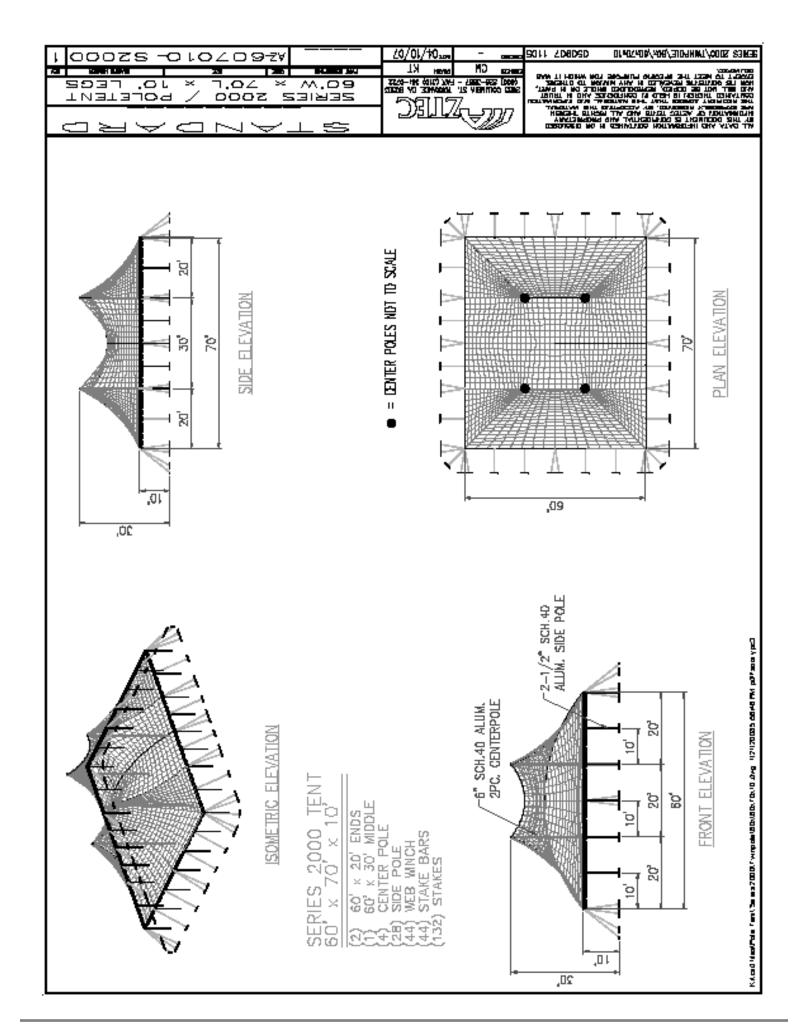
Soil conditions also vary from site to site. The included anchoring package for this tent may need to be supplemented with alternate anchoring during windy conditions and in areas with questionable soil holding power. Full product engineering is available, but not included, by the manufacturer including structural engineering and site specific soil engineering.

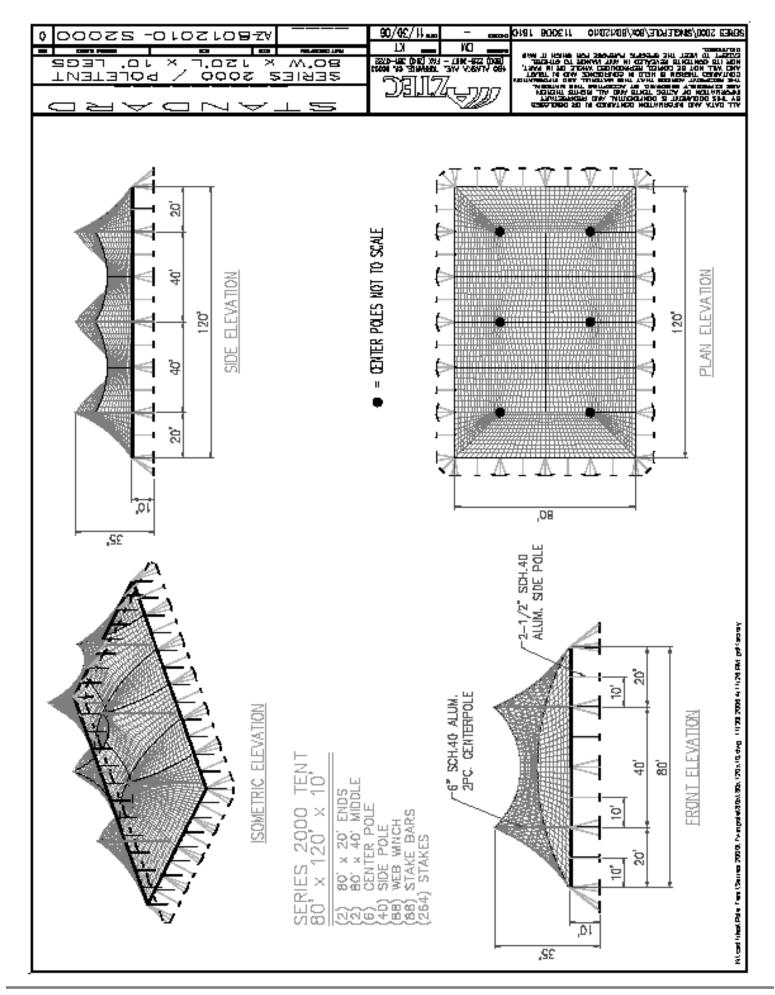
Questions pertaining to the proper procedure for the installation of this and any tent product manufactured by Aztec Tents should be directed to our design staff at (800) 228-3687.

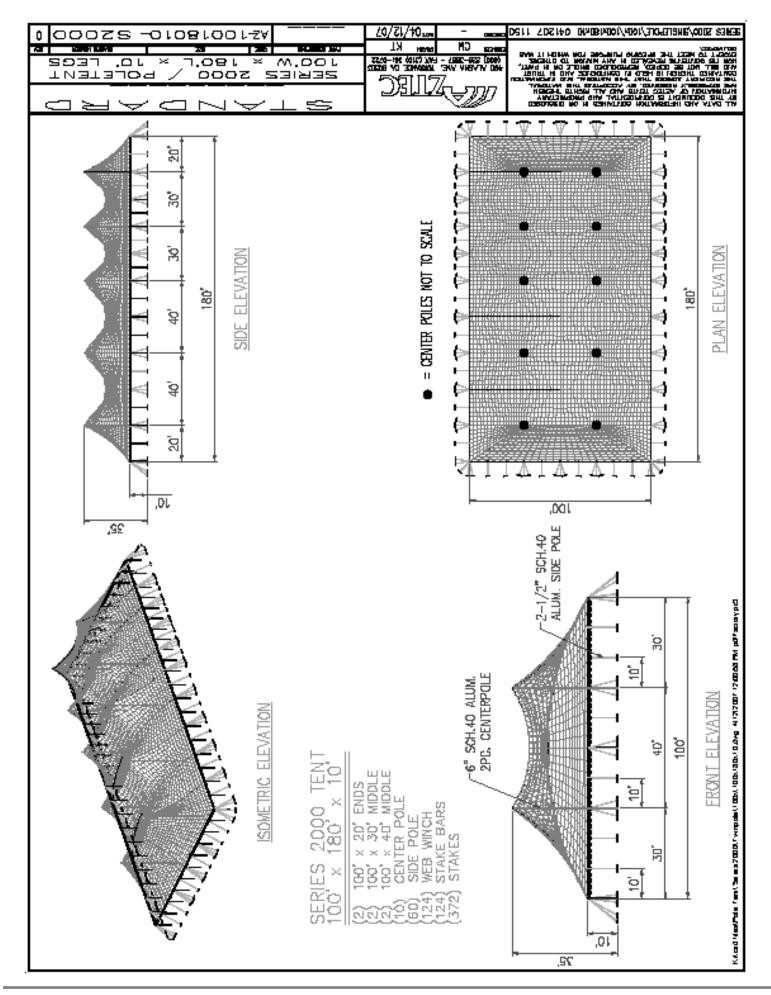


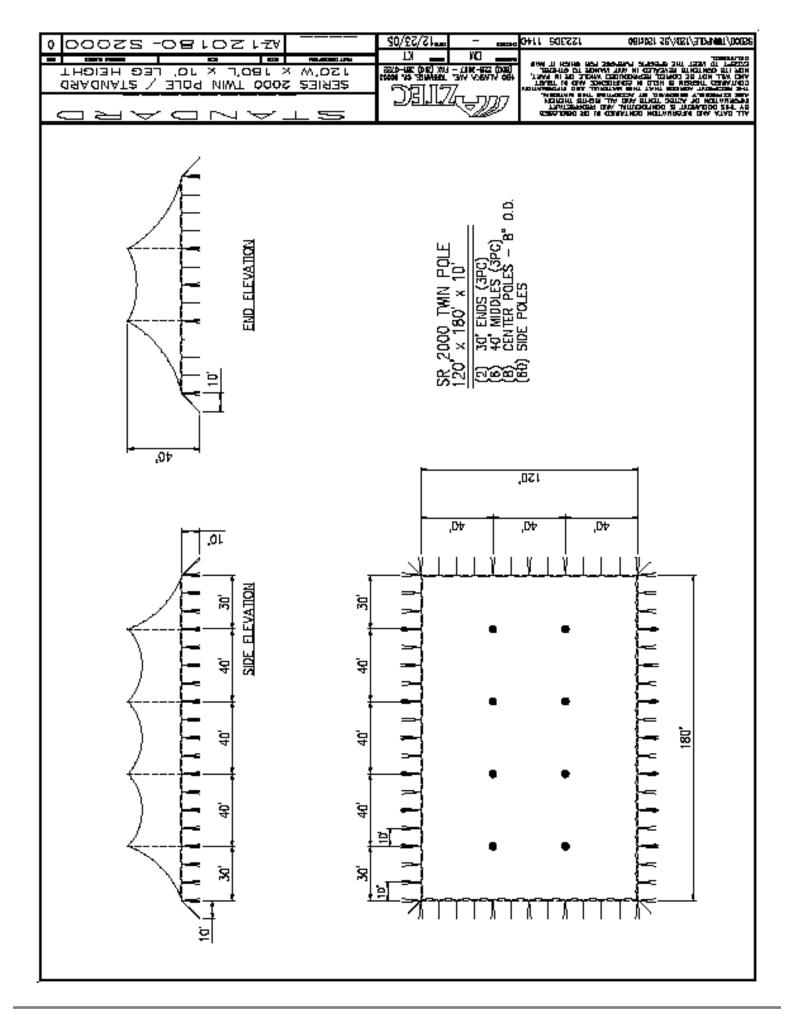


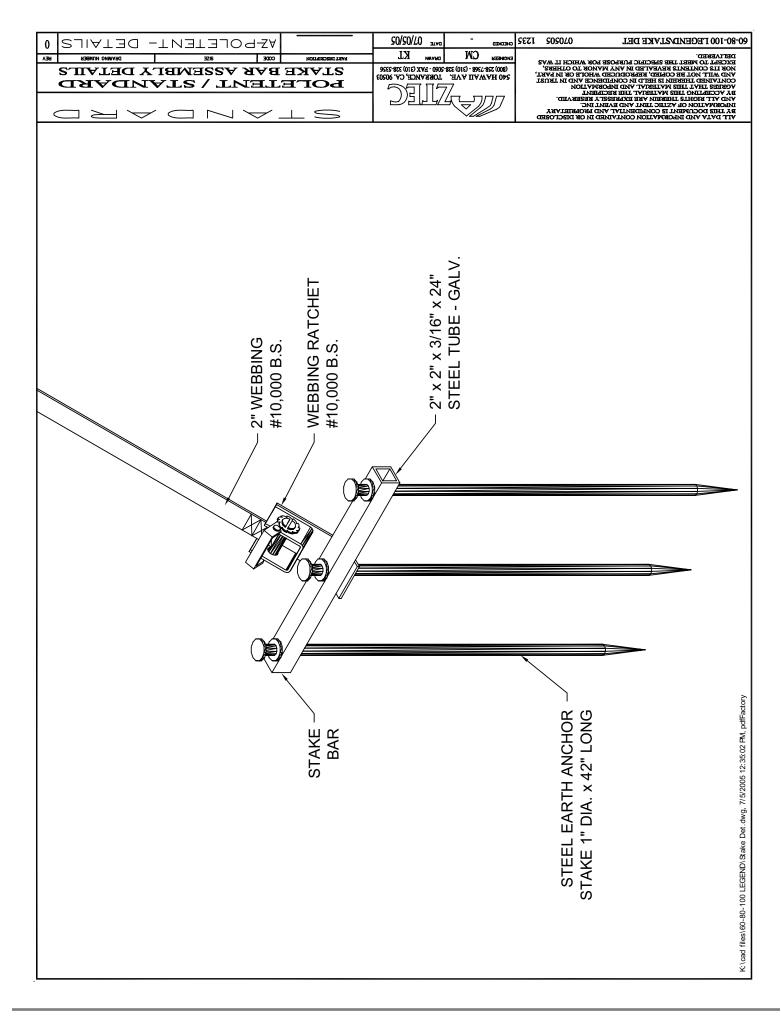












### **Parts Listing**

ltem	Item No.
*40x20 End Series 2000 SP UW	Z318Z00010B/O
*40x20 Mid Series 2000 SP UW	Z318Z00020B/O
*50x25 End Series 2000 SP UW	Z318Z00030B/O
*50x20 Mid Series 2000 SP UW	Z318Z00040B/O
*60x30 End Series 2000 SP UW	Z318Z00050B/O
*60x20 Mid Series 2000 SP UW	Z318Z00060B/O
*60x30 Mid Series 2000 SP UW	Z318Z00070B/O
*60x20 End S2000 TPLA UW	Z318Z00080B/O
*60x20 End S2000 TPGR UW	Z318Z00090B/O
*60x30 Mid S2000TP UW	Z318Z00100B/O
*60x40 Mid S2000TP UW	Z318Z00110B/O
*80x20 End S2000 TPLA UW	Z318Z00120B/O
*80x20 End S2000 TPGR UW	Z318Z00130B/O
*1/2 80x30 Mid S2000 TPLA UW	Z318Z00140B/O
*1/2 80x30 Mid S2000 TPGR UW	Z318Z00150B/O
*1/2 80x40 Mid S2000 TPLA UW	Z318Z00160B/O
*1/2 80x40 Mid S2000 TPGR UW	Z318Z00170B/O
*100x20 End S2000 TPLA UW	Z318Z00180B/O
*100x20 End S2000TPGR UW	Z318Z00190B/O
*1/2 100x30 Mid S2000 TPLA UW	Z318Z00200B/O
*1/2 100x30 Mid S2000 TPGR UW	Z318Z00210B/O
*1/2 100x40 Mid S2000 TPLA UW	Z318Z00220B/O
*1/2 100x40 Mid S2000 TPGR UW	Z318Z00230B/O
*120x30 End S2000 TPLA UW *120x30 End S2000 TPGR UW	Z318Z00240B/O
*1/2 120x40 Mid S2000 TPGR OW	Z318Z00250B/O Z318Z00260B/O
*1/2 120x40 Mid S2000 TPLA OW *1/2 120x40 Mid S2000 TPGR UW	Z318Z00270B/O
2.5" SCH40 1pc Alum SP x 7'0"	Z3912.5SCH40X07
2.5" SCH40 1pc Alum SF x 70 2.5" SCH40 1pc Alum SP x 8'0"	Z3912.5SCH40X08
2.5" SCH40 1pc Alum SP x 80 2.5" SCH40 1pc Alum SP x 10'0"	Z3912.5SCH40X08
	720465 CH40X2004
6"SCH40 1pc S2000 CPx20'4"	Z3946SCH40X2004
6"SCH40 1pc S2000 CPx21'4"	Z3946SCH40X2104
6"SCH40 2pc S2000 CPx23'4"	Z3946SCH40X2304
6"SCH40 2pc S2000 CPx23'8"	Z3946SCH40X2308 Z3946SCH40X2408
6"SCH40 2pc S2000 CPx24'8"	Z3946SCH40X2408 Z3946SCH40X2608
6"SCH40 2pc S2000 CPx26'8"	Z3946SCH40X27
6"SCH40 2pc S2000 CPx27'0	Z3946SCH40X27 Z3946SCH40X28
6"SCH40 2pc S2000 CPx28'0" 6"SCH40 2pc S2000 CPx30'0"	Z3946SCH40X28 Z3946SCH40X30
6"SCH40 2pc S2000 CPx30"	Z3946SCH40X30 Z3946SCH40X32
6"SCH40 2pc S2000 CPx32 0 6"SCH40 2pc S2000 CPx33'0"	Z3946SCH40X32
6"SCH40 2pc S2000 CPx35'0"	Z3946SCH40X35
8"SCH40 2pc S2000 CPx350"	Z3948SCH40X37
8"SCH40 2pc S2000 CPx38'0"	Z3948SCH40X37 Z3948SCH40X38
8"SCH40 2pc S2000 CPx40'0"	Z3948SCH40X40
24" Stake Bar	Z39900300
Tens. Ratchet W/Plate (Only)	Z39900300 Z39900320
2" Web Guy x 20' (Only)	Z39900320 Z39900330
Rolling Skid Plate w/tire Only	Z39900350
Rolling Skid Plate - Base Only	Z39900360
Legend CP Bonnet	Z39900370
5/8" Polydac CP Jumper	Z39900430
5/8" Polydac Leg Jumper	Z39900460
	20000400

Aztec Tents 2665 Columbia Street Torrance, CA 90503 Toll Free (800) 228-3687 Fax (310) 381-0722

#### www.aztectents.com

If YOU can IMAGINE it... WE can BUILD it