# **Installation Instructions** 20' and 30' Hex Century Frame



Please read all of the installation instructions before the installation or removal of this product.



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### **Parts Lists & Illustrations** 20' Hex Parts Table 30' Hex Parts Table Quantity Quantity Description Description Center Pole Center Pole 3 3 Cables Cables 6 6 **Tension Straps** Tension Straps 6 10' Eaves 6 15' Eaves 6 Uprights 6 Uprights 6 Base Plates 6 Base Plates 6 Guy Webs 6 Guy Webs 1 Bag with Top 1 Bag with Top 6 **Corner Weldments** 6 **Corner Weldments** 6 Walls (10' - 2 pc. -- optional) 6 Walls (15' - 2 pc. -- optional) Center Pole 10' Eave Cable Tension Strap 15' Eave Stake Guy Web Bag with Top Corner Weldment **Base Plate** Upright

# **Manpower Required**

Three experienced installers should be able to assemble a tent in less than forty-five minutes.

### **Tools Required**

Sledge Hammer

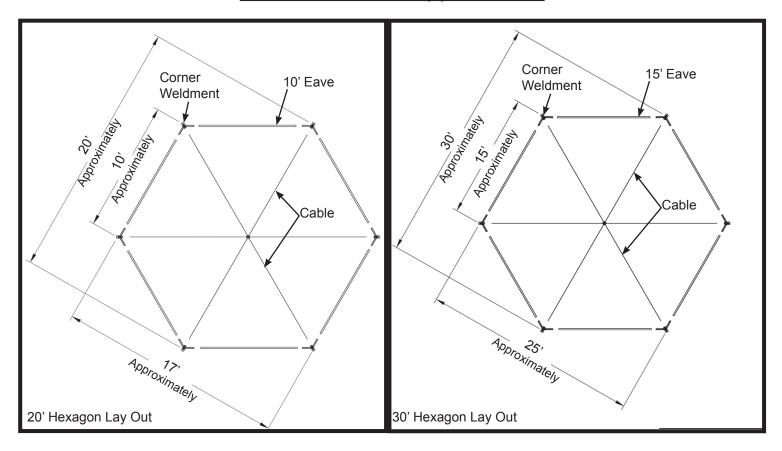
- 4' Step Ladder
- (2) 9/16" Wrenches
- (2) Fiesta Frame Lifts; optional but recommended.

### **Layout & Check**

Utilize the parts list for a quick I.D. and a check list to ensure that you have all the parts.

<u>Caution! Inspect Site</u>

<u>Consult local Utility Company prior to installation. Prior to assembly be sure to look</u> around area for obstacles, pipes, wires, etc.



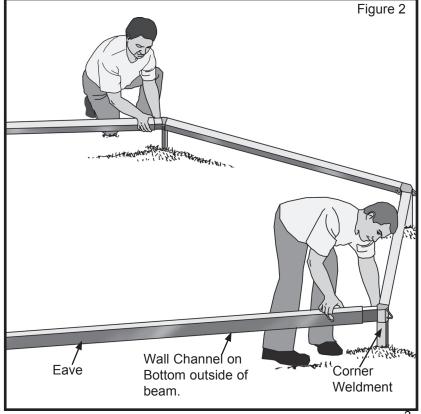
### Step 1 Lay out parts for assembly as shown in the diagrams above.

Wall Hangs in Bottom

### Step 2 Join ends of eaves to corner weldments.

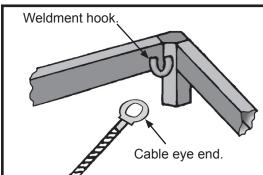


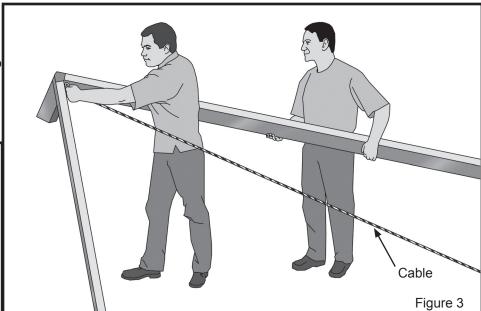
Outside Channel. Century Frame **Extrusion** 



### **Step 3 Attach Cables**

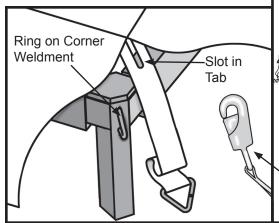
Attach one eye end of cable to weldment hook on a corner weldment. At the opposite corner, raise frame until cable loop slips onto weldment hook, then lower to ground. Repeat until all 3 cables are attached to frame.

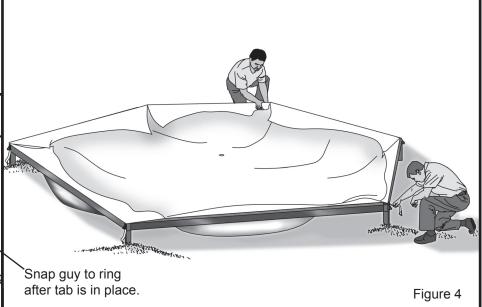




### Step 4 Put Top on Frame

Unfold top over eaves and cables. Pull tabs at corners of top over corner weldments. Secure by placing slot in tabs over ring on corner weldment.



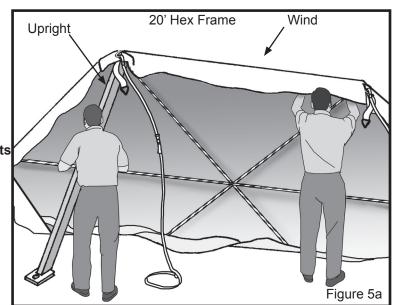


After tab is in place, fasten guy web snap to ring on corner weldments. Attach base plates to uprights with bolt and nut supplied.

# Step 5 Lift one Side

For 20' hex frame: No frame lifts are required. Lift one corner of frame and fit upright onto weldment. As uprights are inserted, attach tension straps to keep uprights attached to weldments. (See Step 6) Repeat at second upright at an adjacent corner. Now stop to raise peak (See Step 7)

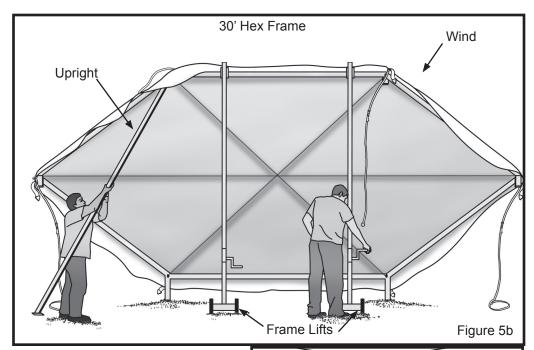
Note: If wind is strong, drive in stakes through the guy web ring and tie off loosely before lifting frame. (Reference step 10)



### Step 5 (cont'd)

For 30' hex frame: Two frame lifts are required. Position the two lifts on one eave as shown and attach hooks to eave tube. Crank both lifts at the same time. Stop when uprights will fit onto weldments. Lower and remove frame lifts.

Note: If wind is strong, drive in stakes through the guy web ring and tie off loosely before lifting frame. (Reference step 10)



### **Step 6 Attach Tension Straps**

Place curtain web through triangle ring at end of corner tab as shown in Figure 6. Fasten upper hook of tension strap to curtain web. Insert lower hook into slot in upright.

Use ratchet to take up slack in web. This prevents uprights from sliding off weldment when other side of tent is raised.

Do not tension at this time.

Repeat at other uprights in similar fashion.

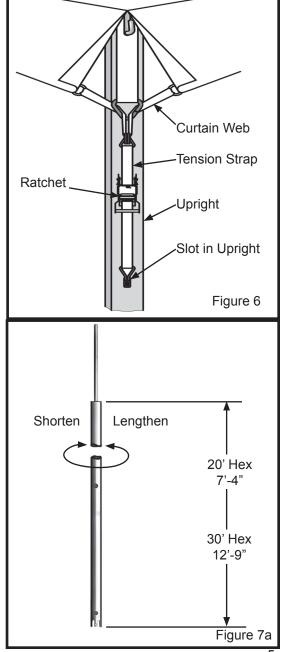
### **Step 7 Adjust Center Pole**

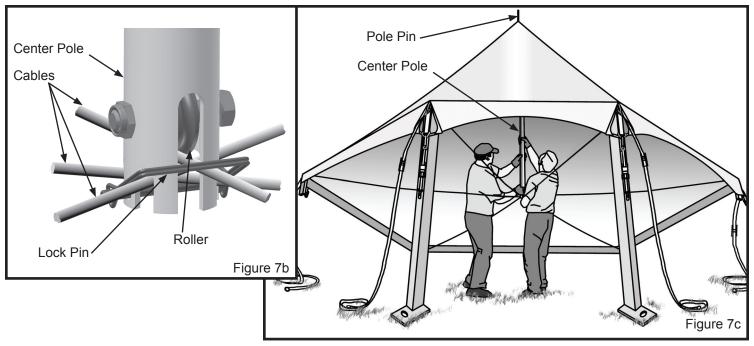
Center pole must be adjusted to the height shown in Figure 7a. Turn the top of the center pole in the direction noted to meet the required dimension.

Carefully position center pole pin through pole hole in top. Use caution to prevent tearing of fabric. Raise top by pushing pole on the upper cable. Slide pole along cable until at intersection of all cables. Place lower cable in slot at bottom of pole and attach lock pin to secure. See Figures 7b and 7c.

### Caution:

Base of pole is on a roller for ease of installation. Be sure movement of pole is controlled (firmly held) during installation and removal to prevent base from moving too quickly.





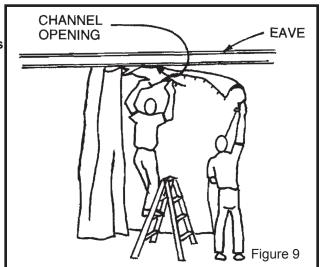
### Step 8 Lift Other Side

Raise opposite side by repeating Step 5. Attach remaining uprights Plumb uprights.

# **Step 9 Installing Optional Walls**

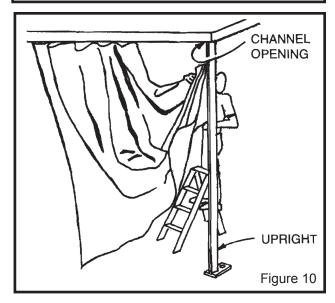
Determine proper mating of 2-piece walls with labels on the inside. Slide tabs at top of walls into bottom outside channel opening (see Century Frame extrusion drawing on Page 3).

Orient walls so that beading edges are adjacent to uprights and the lace edges meet in the middle.



# **Step 10 Attach Walls to Uprights**

At each upright gather up wall and insert bottom of beading into channel opening at top of upright. Feed all of beading into channel.



### **Step 11 Secure Tent**

Make certain that tent is positioned in the desired location. Drive a 1" x 30" stake through each base plate.

Drive a 1" x 30" stake through the ring at bottom of web guy. See Figure 9 for positioning of stake.

Tension web guy.

Proceed around tent until all web guys are tensioned. See guy web operating instructions provided.

IMPORTANT NOTE: PLEASE REFER TO CAUTION AND OTHER ANCHORING INFORMATION ON BACK PAGE.

### **Step 12 Tension Top**

A firmly tensioned top is <u>required</u> for proper installation. Pull fabric tightly and smoothly to minimize water pooling, wind damage, fabric shifting. Use ratchets on tension straps to tension the top (See Step 6).

Now tighten all eight of the fiesta straps spaced between the uprights (See Step 10).

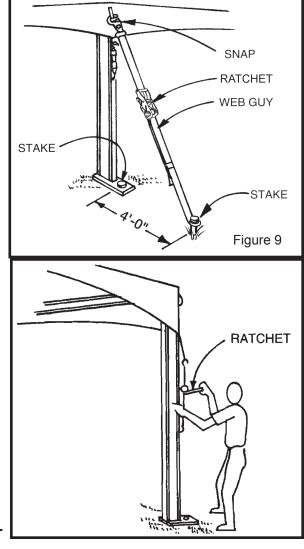
### Step 13 Take Down

- 1. Remove guy webs and stakes.
- 2. Loosen tension straps.
- 3. Reverse installation steps.

### **IMPORTANT:**

Check web guys and tension straps periodically for tightness and good condition.

Store tent in a cool, dry area. Never store while wet or damp.



# Note: The center of the fabric eaves should be approximately 3" below the frame eaves when properly tensioned. 20' Hex - 6'-8 Minimum 30' Hex - 11'-5 Minimum Eave Line

### Note:

Tensioning of top can change from installation to installation. Cable stretch, fabric shrinkage or elongation and other factors can require a different amount of tension to center pole.



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Anchor products are of superior design and operate best within the parameters of these instructions. It is imperative that the instructions be carefully read and **COMPLETELY FOLLOWED**. Please read installation instructions before the installation or removal of this product. Installation instructions are available online at **www.anchorinc.com** or by calling 1-800-544-4445.

### **CAUTION:**

- 1. For each installation, the installer is solely responsible for evaluating the site and the proper securing method determined. Some soils require different staking or securing than that provided with the tent. Due to this variety of soil conditions, these are the manufacturer's suggested sequence of installation procedures. Anchor's responsibility is limited to the manufacture of the tent parts and materials. We are not responsible for methods that installers may choose to erect and secure the tent to the ground.
- 2. The number of stakes suggested in the installation instructions do not necessarily meet all or any relevant codes on the site of the tent installation. The number of stakes suggested will, in many cases, keep the tent erected, however, due to various soil conditions; these stakes will be insufficient to keep the tent secure in high winds. It is the tent installer's responsibility, not the manufacturer, to determine the appropriate number of stakes to meet the necessary wind loads on the site. Regardless of the number of stakes we suggest, we make no representation or warranty as to whether this specific number of stakes will meet the local tent code. Anchor does not, nor can it make any suggestions, representation, or warranties about the adequate staking required at each specific installation site. Staking information provided in the installation instructions is not a suggestion about what is necessary to meet a site-specific load.

For additional important information, consult: "The IFAI Procedural Handbook For the Safe Installation and Maintenance of Tentage" and the IFAI Pocket Guide "Pullout Capacity of Tent Stakes", both available from the IFAI Tent Rental Division or on our website.

- 3. Inasmuch as the weather is unpredictable, good judgment and common sense must be incorporated within installation guidelines. It is the responsibility of the tent installer/maintainer to determine the severity of the weather, proper time and method of installation and/or erection and disassembly. Note: We recommend that snow and ice be removed from the tent surface as soon as possible because accumulation will damage the tent or fabric structure. Please consult with our Engineering Department about the maximum loads for each product.
  - This product has been manufactured for use as a temporary structure. For the safety of all occupants, evacuation is recommended if threatening weather occurs, or if there is any doubt concerning the safe use of this product.
- 4. Proper safety equipment should be used at all times to insure a safe installation and take down. We suggest a careful evaluation be made to determine safety equipment needed, such as hard hats, steel-toe shoes, safety glasses and other as required. It is our desire that all installations are safe. Please be aware of hidden dangers both underground, i.e., gas lines, water lines, electrical lines, etc. and above the tent such as power lines and telephone lines.
- 5. Anchor stands behind its products in accordance with its standard Terms and Conditions of sale. A copy of our Terms and Conditions of Sale can be obtained by contacting Anchor at the telephone number and/or address on this document.