

# Installation Instructions

## Aloha Cabana



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



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*Check out our great installation video on our website!*

# **Introduction**

The installer/owner must read the assembly instructions completely prior to any installation. Particular attention must be given to anchoring! See Caution Statement on back page of this manual.

Work from step to step.

Before erecting any tents or membrane structures, first obtain permits and approvals as required from the local building and fire code officials on the jurisdiction of your installation.

**PLEASE PAY SPECIAL ATTENTION TO SAFETY WARNINGS AND CAUTIONS FOR PREVENTION OF ACCIDENTS.**

Regarding the contents of this document:

The illustrations and photos are made to show clearly the construction and dismantling procedures and also for identification of the components. Not all illustrations/photos correspond to the actual dimensions and size. Explanations and/or notes have been added to these illustrations/photos.

If you have questions, please call your sales representative at the phone number listed on the front of this manual.

## **Safety Notes**



**Warning: The Aloha Cabana is intended for concrete Install only. Installer is solely responsible for evaluating the quality of the concrete and its suitability for this structure. Concrete installation surface must be level.**

### **Manpower Required:**

Four installers should be able to assemble any size frame with fabric in two hours.



### **Caution:**

Please read through this assembly manual completely before beginning your installation. Be sure the proper equipment and safety precautions are in place. We hope that you enjoy the design features of the Aloha Cabana.

1. Be aware to avoid contact of frame sections with any overhead power lines near the site.
2. Consult your local utility locator service or the National Utility Locating Contractors Association (NULCA) prior to installation in order to avoid all underground power lines and gas lines or other utility easements.
3. Keep site clear of debris to avoid tripping, especially while carrying frame parts or bundle of fabric.
4. When moving frame sections by hand, use proper lifting techniques to protect the back, and avoid pinching fingers while making hardware connections.
5. Do not drag bundle of fabric on concrete, asphalt, or ground as this can cause damage to the fabric from abrasion through the bag.
6. The installation method described here requires coordination of tasks between workers. A safe installation is dependent on that coordination. Work cooperatively as a team.
7. This tent is manufactured for use as a temporary sun shade structure. Evacuation is recommended if threatening or windy weather occurs.

### **Tools Required (not supplied)**

5/8" Ratchet or wrench (for Acorn Nuts)

7/32" Allen wrench (for Bolts)

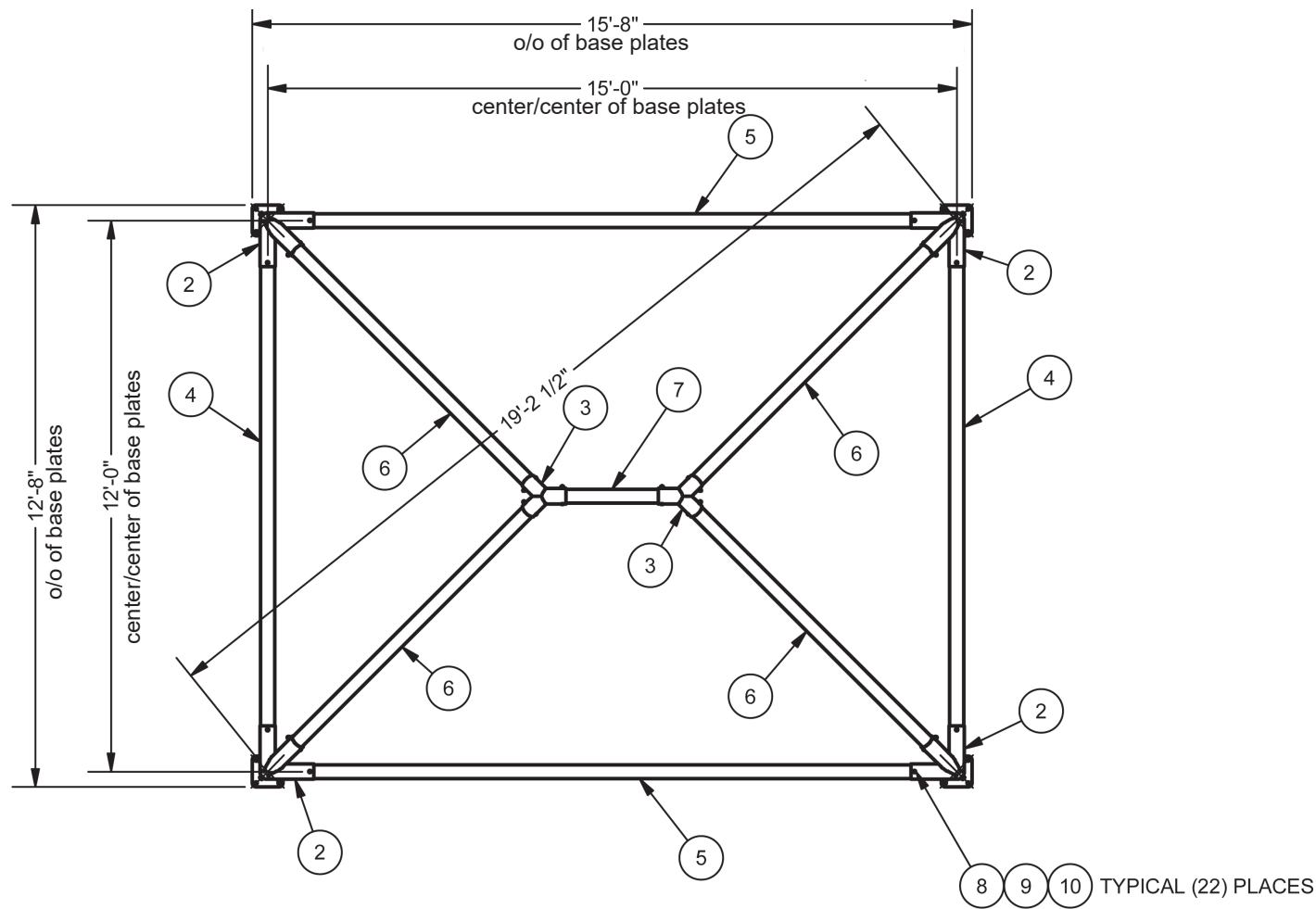
5/16" Allen wrench (for Upright Mechanism)

Tape Measure

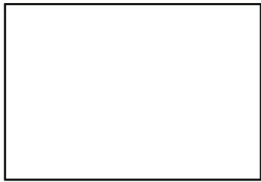
Chalk or spray paint for marking layout

# Layout

Using chalk or spray paint, mark center point of each base plate.



**Step 1 - Layout Boxes**



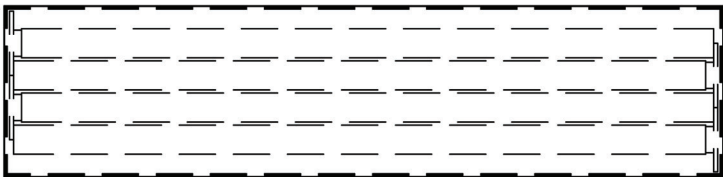
(1) BOX OF -  
(1) FABRIC TOP



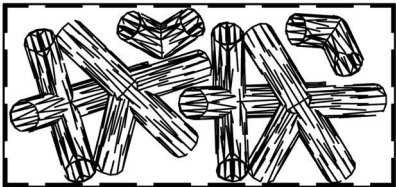
(1) BOX OF - (4) HIPs



(1) BOX OF -  
(2) 12'-0" EAVES  
(2) 15'-0" EAVES  
(1) RIDGE

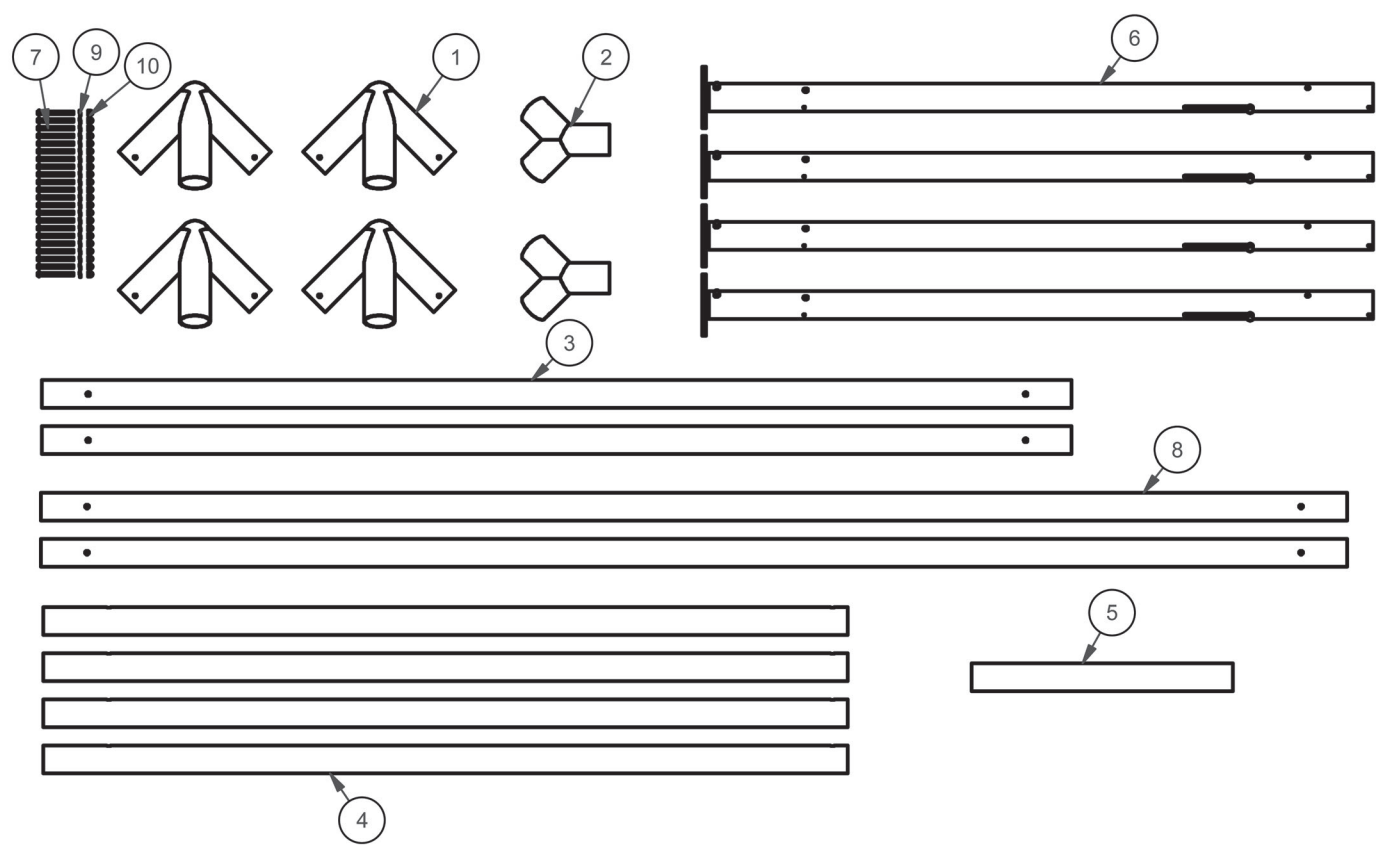


(1) BOX OF -  
(4) UPRIGHTS



(1) BOX OF -  
(4) CORNER WELDMENTS  
(2) PEAK WELDMENTS  
(22) BOLTS  
(22) CAPNUTS  
(22) LOCK WASHERS

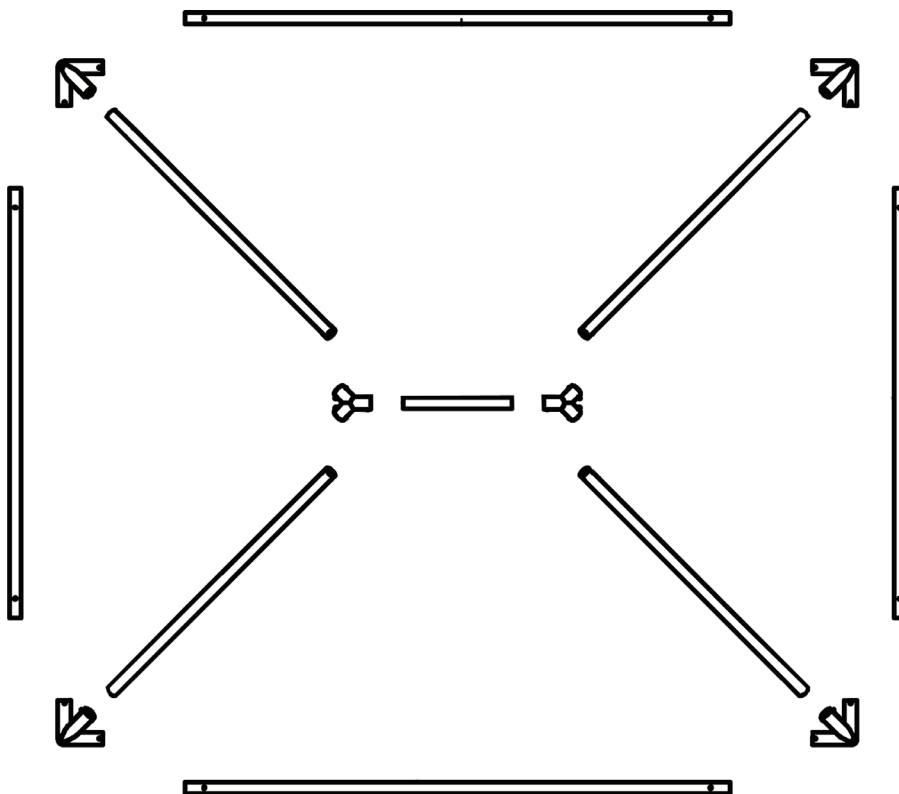
Step 2 - Layout Parts on Drop Cloth



Bill of Materials			
ITEM	QTY	ITEM #	DESCRIPTION
1	4	2100000S	CABANA CORNER WELDMENT
2	2	2100001S	CABANA RIDGE WELDMENT
3	2	72010	CABANA EAVE - 12'
8	2	72012	CABANA EAVE - 15'
5	1	72014	CABANA RIDGE - FOR 15' LONG (APPOX 3'-0" LONG)
4	4	72016	CABANA HIP - FOR 12' WIDE (APPROX 8'-9" LONG)
6	4	72002	CABANA UPRIGHT ASSEMBLY
7	22	3022222	3/8-16 X 4 1/2" BUTTON HEAD SOCKET CAP SCREW
9	22	3022324	3/8" SPLIT LOCK WASHER
10	22	3024365	NUT ACORN 3/8-16 SS

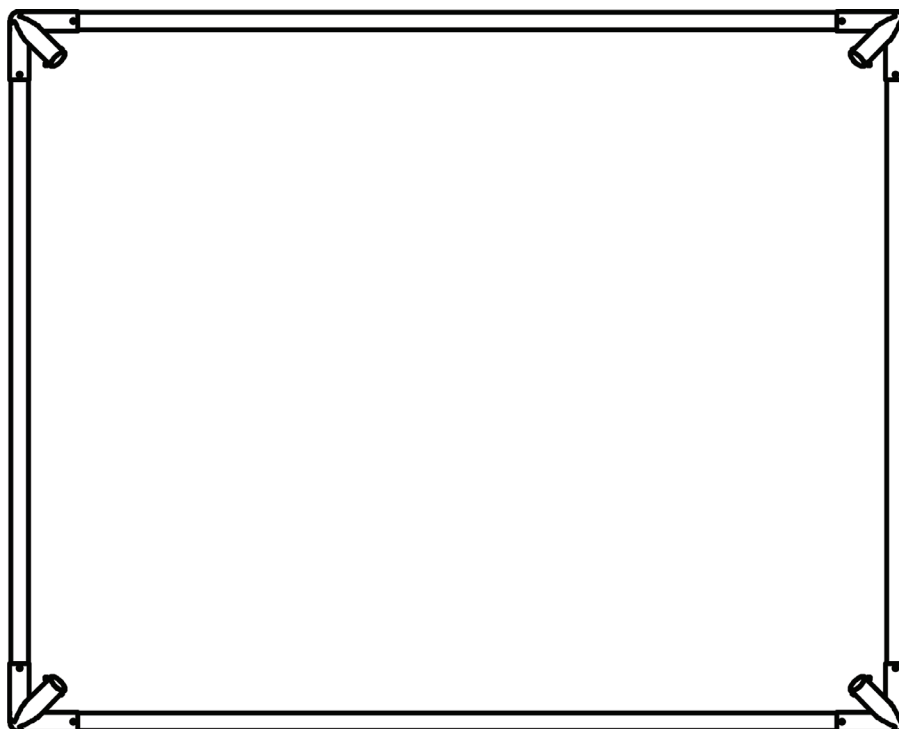
## **Step 3 - Layout Parts**

Identify and layout all components for assembly.



## **Step 4 - Assemble Eaves**

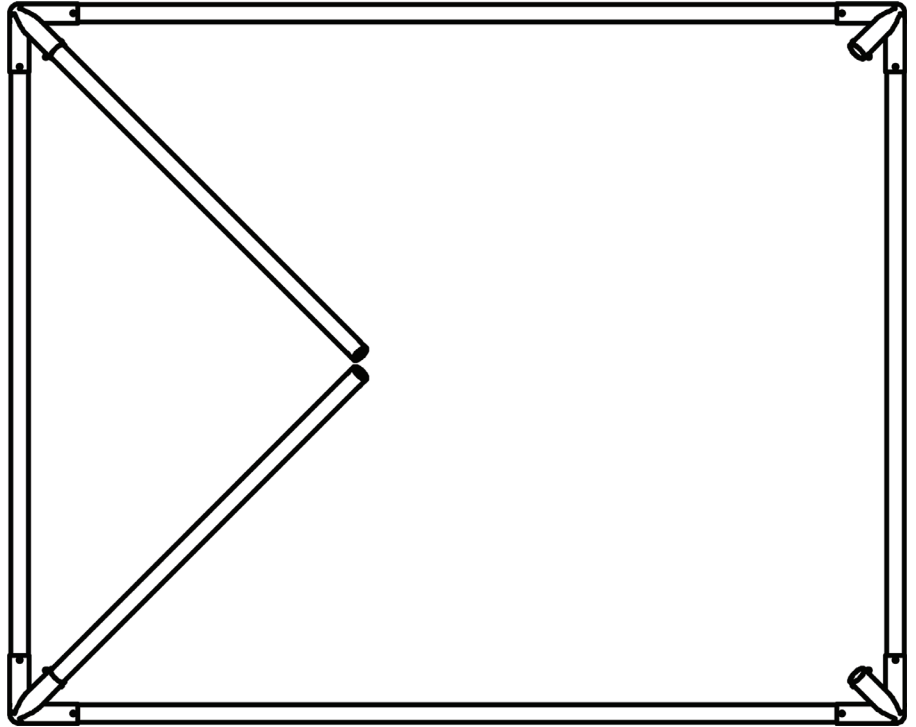
- Insert eave tubes into corner weldments with the channel toward the ground.
- Align holes.
- Insert bolt from top.
- Fasten using lock washer and acorn nut.
- Hand tighten.



## **Step 5 - Assemble (2) Hips**

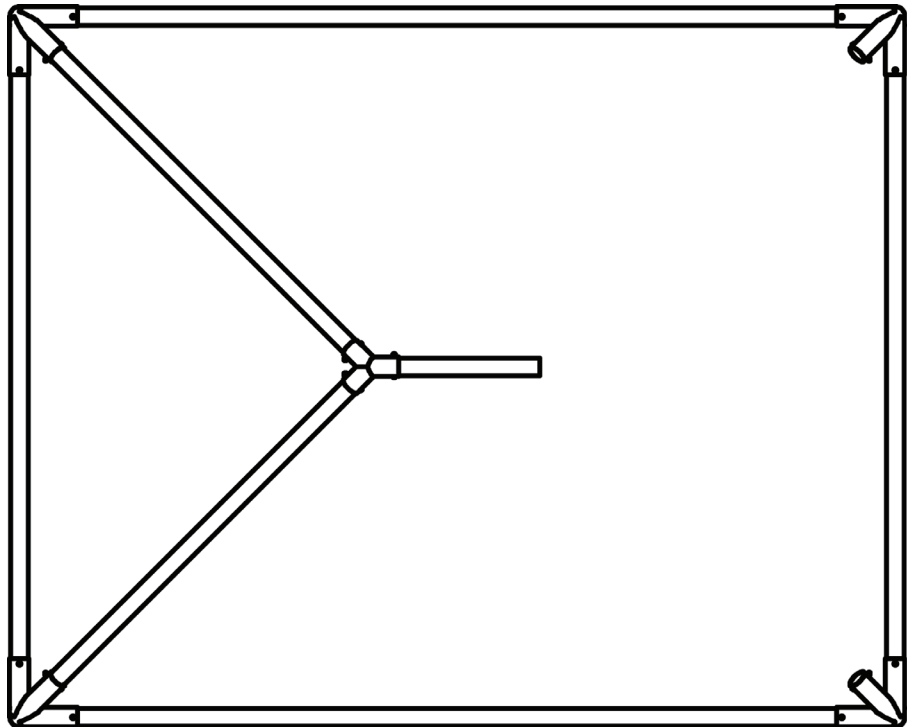
Important Note: The end of the hip tubes with the greater distance to the hole goes into the corner weldment.

- Insert hip tubes with channel toward ground into corner weldments .
- Align holes.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.



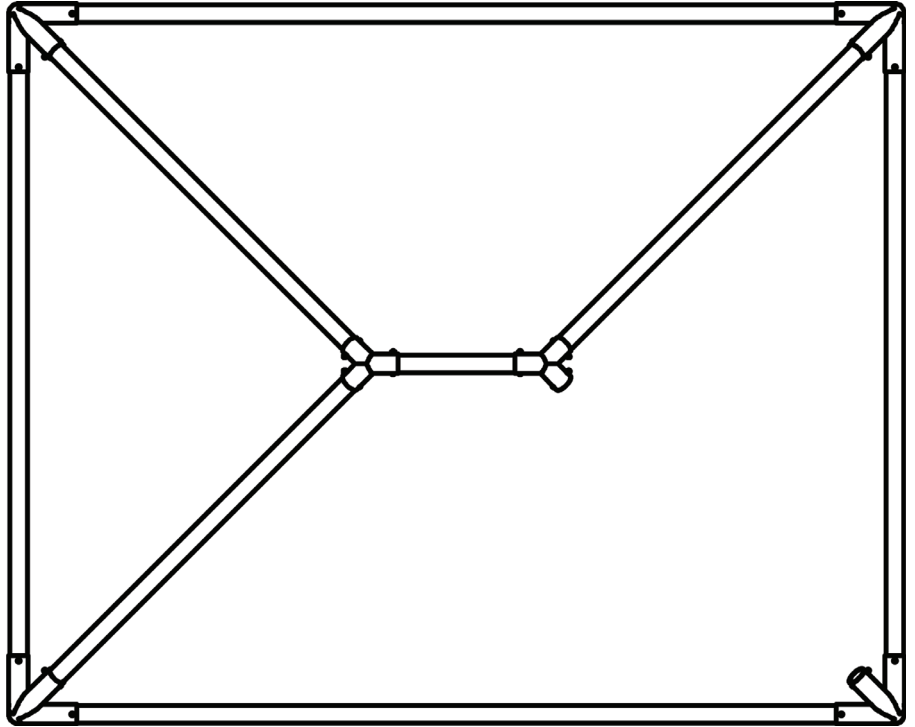
## **Step 6 - Assemble Ridge Weldment & Ridge**

- Insert ridge weldment onto hip tubes.
- Align holes.
- Insert bolts.
- Fasten using lock washer and acorn nut.
- Hand tighten
- Insert ridge tube with channel toward ground into ridge weldment.
- Align holes.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.



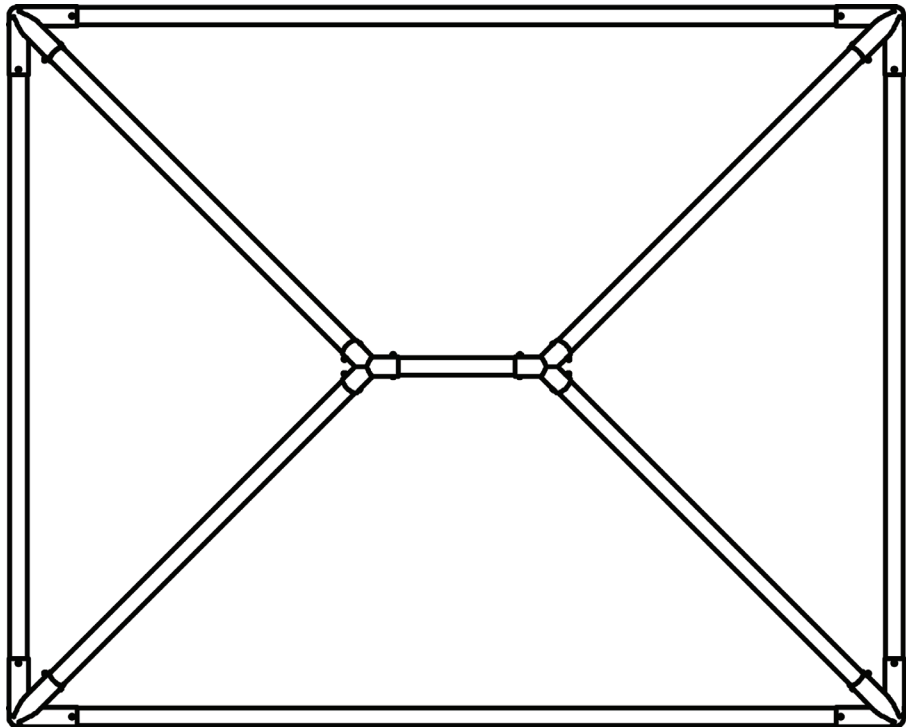
## **Step 7 - Assemble Ridge Weldment & 1 Hip**

- Insert hip tube with channel toward ground into corner weldment.
- Do not try to align holes at this point.
- Insert top of hip tube into ridge weldment.
- Align holes.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.
- Align holes at bottom of hip to corner weldment.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.



## **Step 8 - Assemble Remaining Hip**

- Insert hip tube with channel toward ground into corner weldment.
- Do not try to align holes at this point.
- Insert top of hip tube into ridge weldment.
- Align holes.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.
- Align holes at bottom of hip to corner weldment.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.





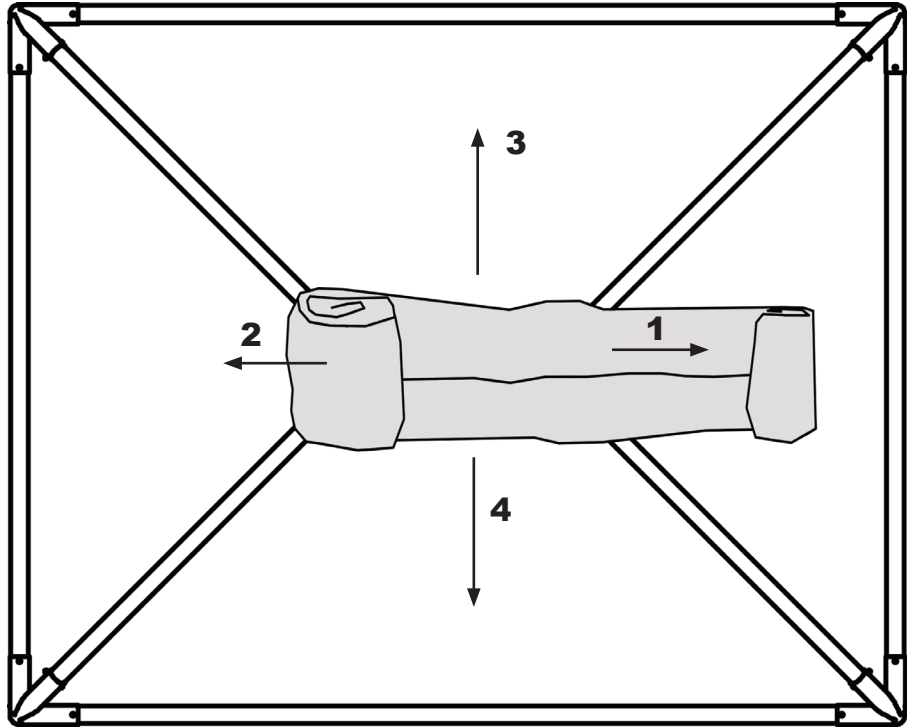
## **Step 9 - Tighten Connections**

- Now that frame is assembled, go back to each connection and using a 5/8" ratchet and 7/32" allen wrench, tighten all connections.

## **Step 10 - Place Fabric on Top of Frame**

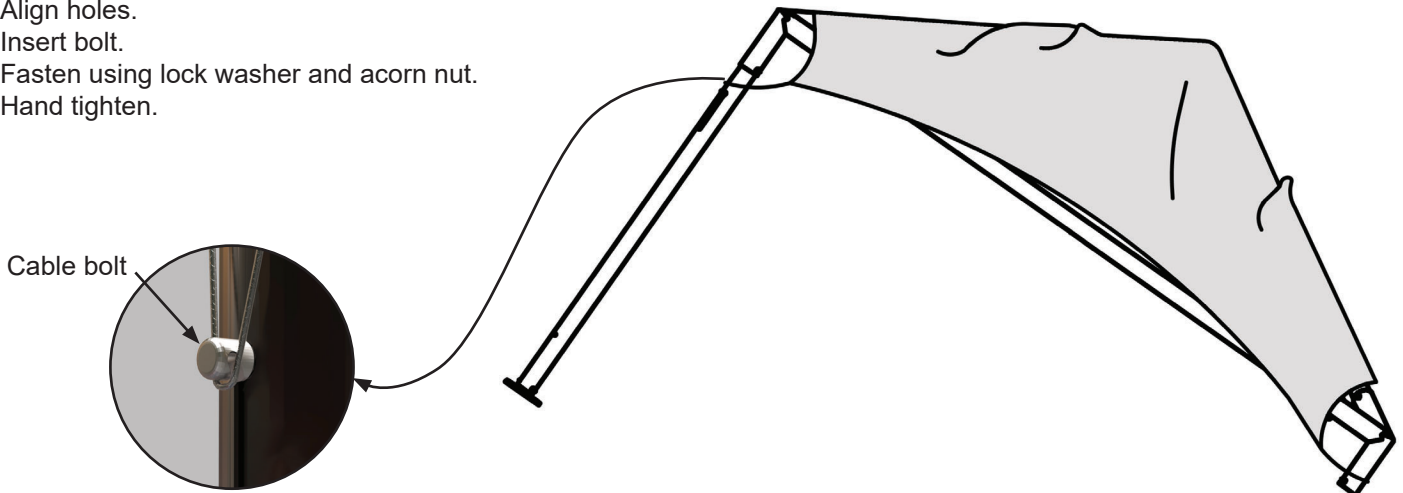
**Warning: Do not attempt to install fabric if wind speed is 10mph or more!**

- Place tied fabric bundle on top of ridge of frame.
- Untie.
- Unroll bundle in the order and direction of the arrows shown.
- Unroll fabric until it is setting loosely on frame in the proper position.



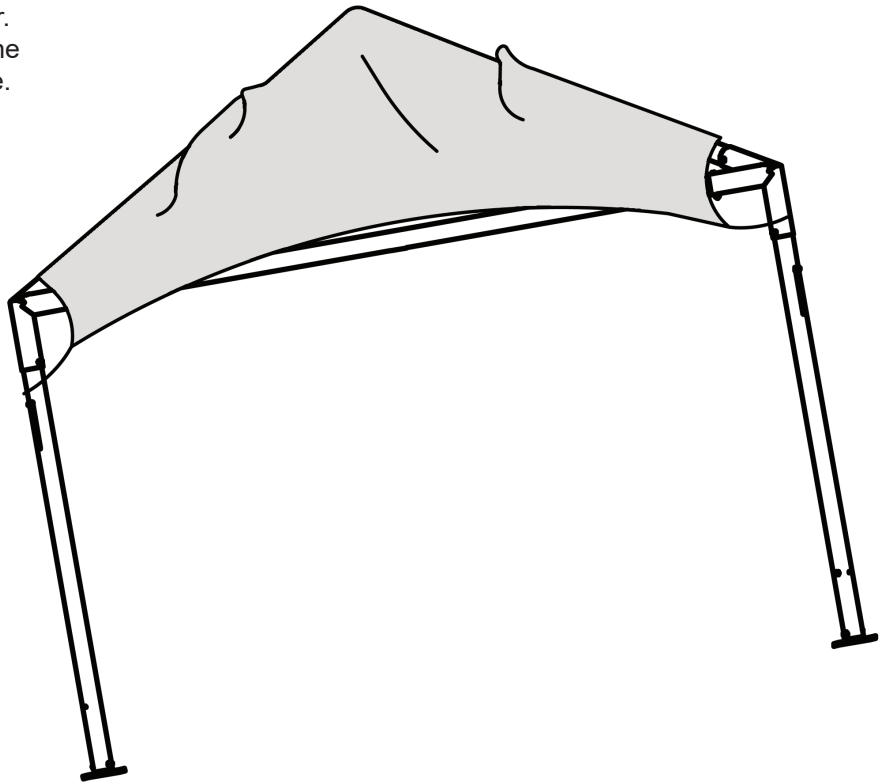
## **Step 11 - Raise one 15' Side**

- Raise one 15' side using a ladder.
- While frame is raised, insert uprights with cable bolt to outside into the corner weldments.
- Align holes.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.

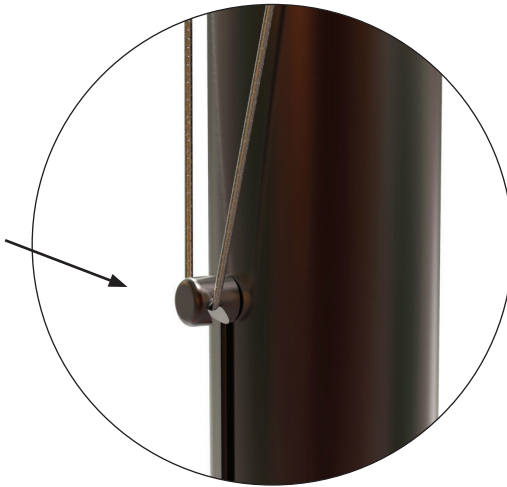


## **Step 12 - Raise Opposite 15' Side**

- Raise the remaining 15' side using a ladder.
- While frame is raised, insert uprights into the corner weldments with cable bolt to outside.
- Align holes.
- Insert bolt.
- Fasten using lock washer and acorn nut.
- Hand tighten.



**Warning: Top must be secured to frame before continuing installation. Pull corner cables of top down over the slotted cable bolts on uprights. This is to prevent top from being picked up by wind.**



**Warning: Do not attempt to install fabric if wind speed is 10mph or more!**

## **Step 13 - Final Tightening of Upright Connections**

- Beginning at one upright, tighten connection to corner weldment using a 5/8" ratchet and 7/32" allen wrench.
- Proceed to diagonal upright, do the same thing.
- Tighten connections of remaining uprights.

## Step 13 - Mount Frame to Foundation

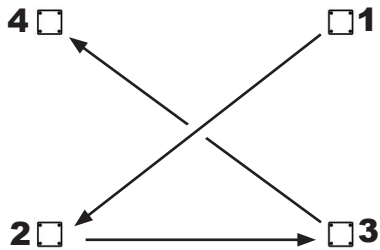
- Move frame into position, center baseplates over original layout markings.
- Check to be certain that frame is square, vertical and level.

Frame must be secured to foundation. (4) 5/8" Diameter holes are provided in each base plate for this purpose.



## Step 15 - Tension Top to Frame

- Check to make sure that all corner cables of top are pulled down over the slotted cable bolts on the uprights.
- Using the 5/16" allen wrench, tension one corner cable down until top is 2" from corner of frame. (This is accomplished by inserting the allen wrench into the larger hole near the bottom of the upright and turning)
- Proceed to the diagonal corner and repeat this process (See Top Tensioning Order Diagram).
- Continue tightening the top in this same order until top is balanced all the way around the frame and fits snugly.



Top Tensioning Order Diagram

## Step 16 - Take Down

- Release top by inserting the smaller allen wrench
- Hit allen wrench firmly with palm of hand. - Warning! Release will be loud!



**Warning: Do not attempt to remove fabric if wind speed is 10mph or more!**

# **Base Plate Cover** **Installation**

## **(Optional purchase)**

- Slide the two parts of the cover together over the base plate. (Figure 1)
- Starting at the side of the cover where the two parts come together, insert screws and loosely fasten cover to base plate. (Figure 2)
- Continue all around the base plate, loosely fastening cover to base plate while watching to be sure cover fits evenly around upright for the best look. (Figure 3)
- When you are satisfied with the placement of the covers, tighten screws. (Figure 4)



Figure 1



Figure 2

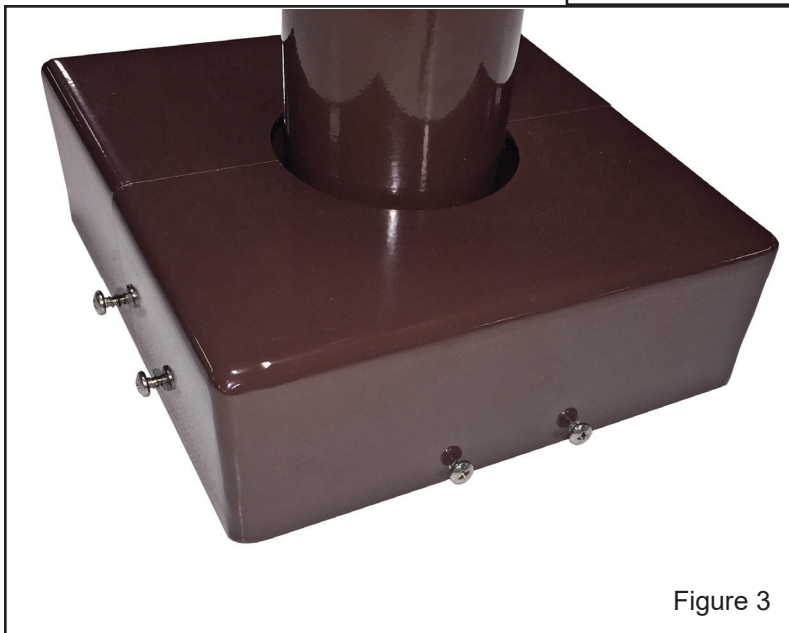


Figure 3

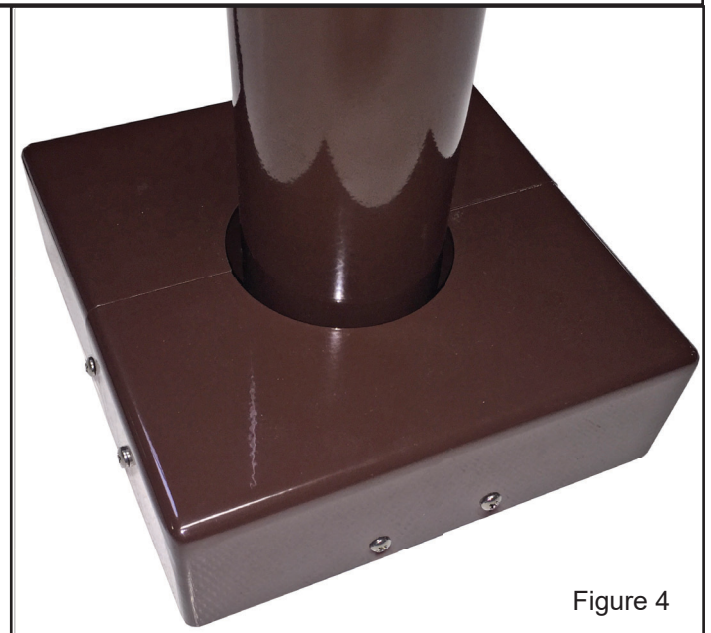
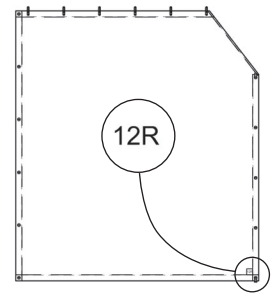
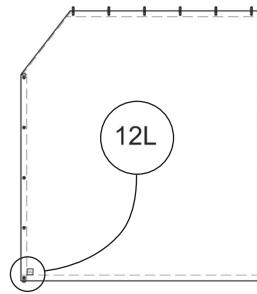
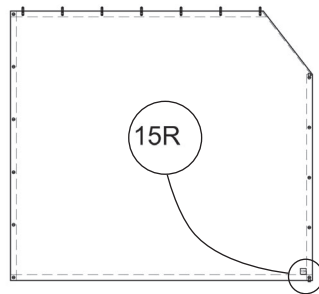
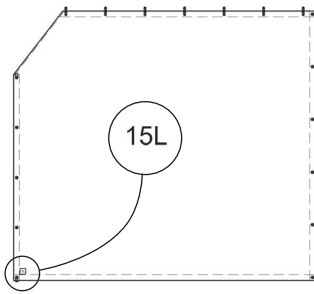
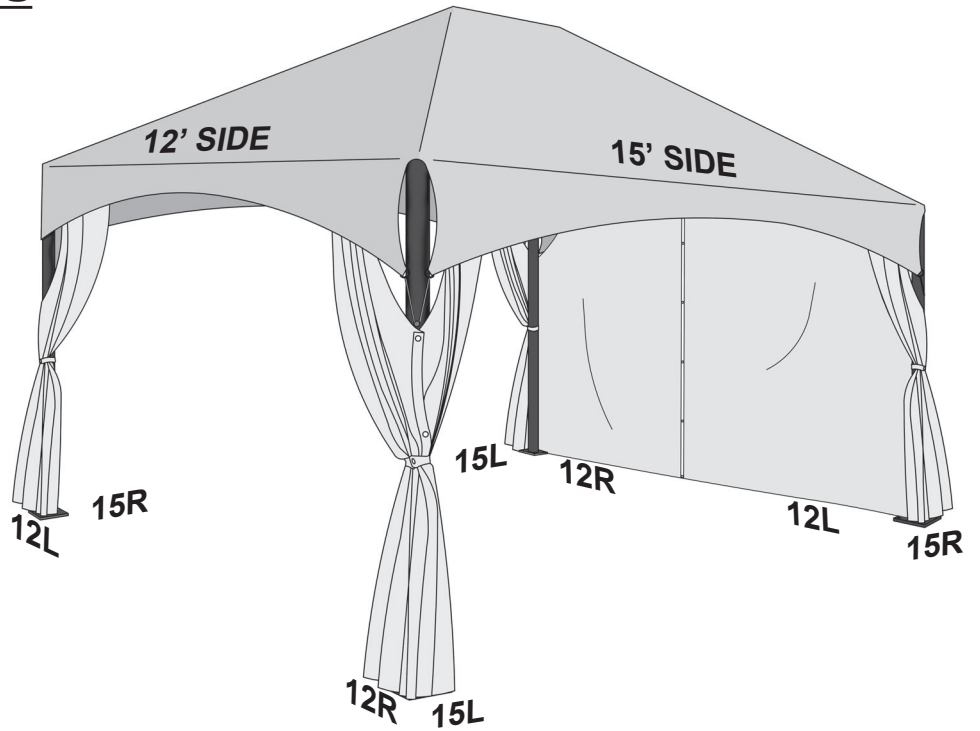


Figure 4

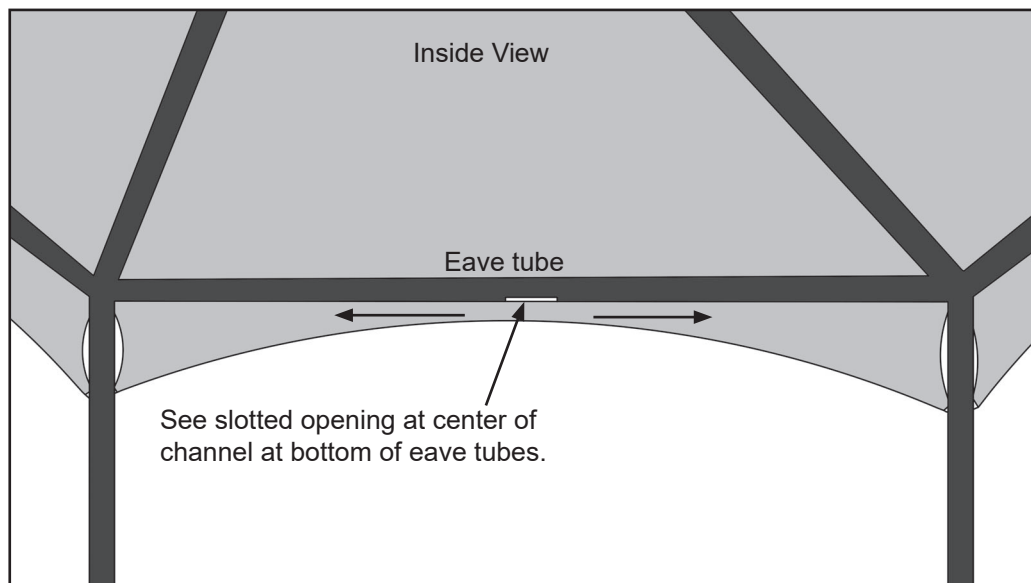
# **Retractable Drapes**

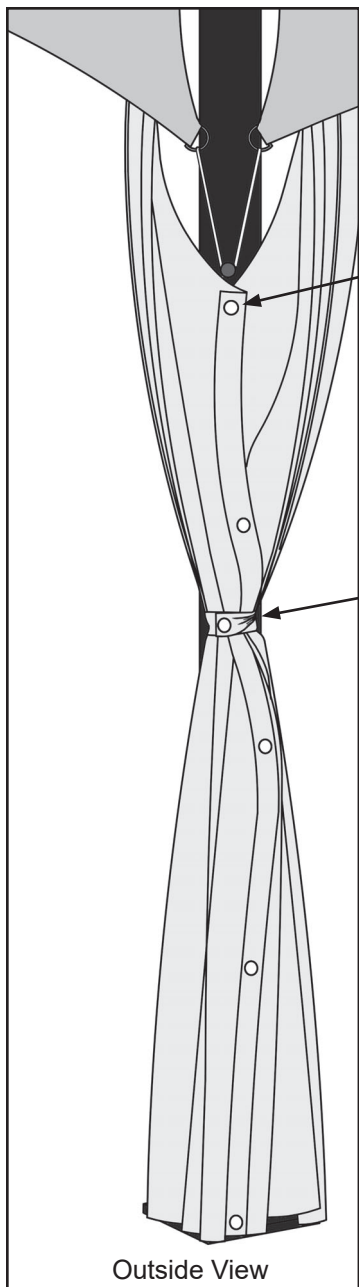
## **(Optional purchase)**

- Layout drapes to determine where each drape should hang. See tag at bottom corner to see size and right or left.
- Using a ladder, feed tabs at top of drapes into channel at bottom of eave tube. Start with angled corner edges.
- Feed all tabs into channel.



Drapes Shown From Outside View



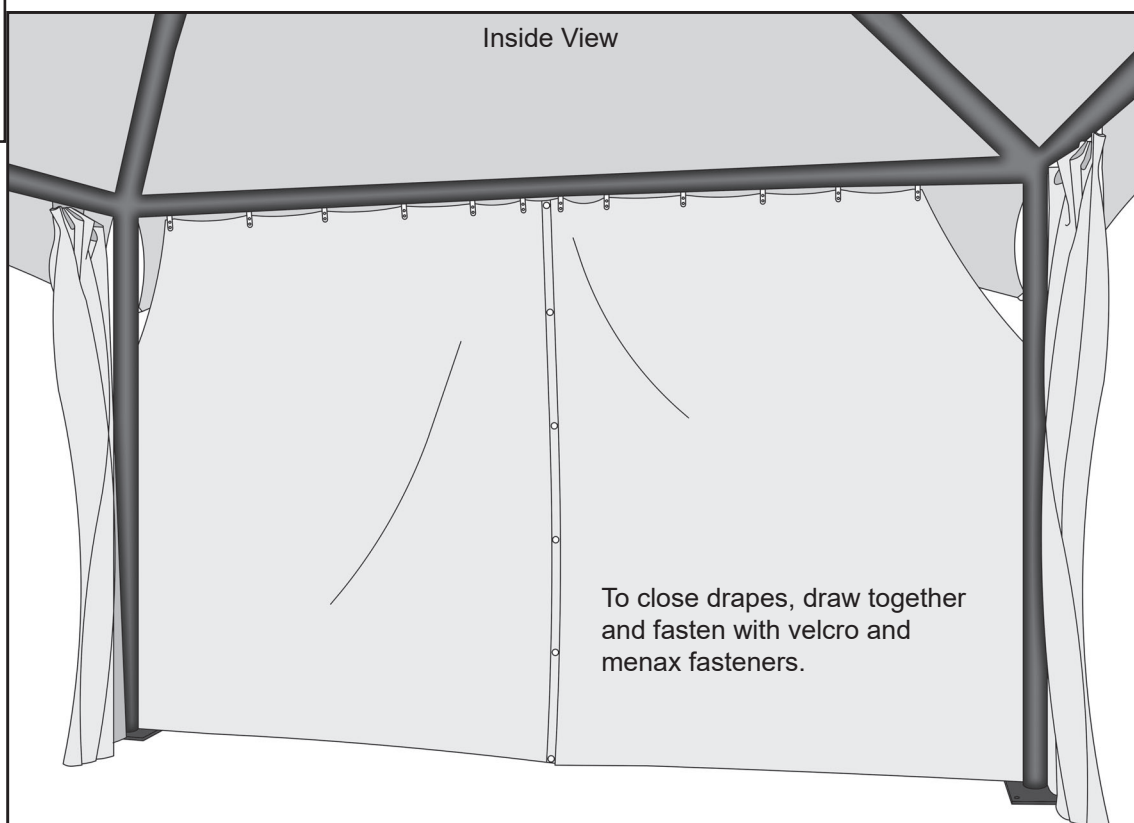


Outside View

Fasten drapes together at corners with velcro and menax fasteners on outside of corner uprights.

To keep drapes in open position, gather drapes together and wrap belt around drapes twice. Fasten belt with menax fastener.

Note: There are small tabs at top and bottom of drapes at corners for tying together with zip ties. Zip ties not included.



Inside View

To close drapes, draw together and fasten with velcro and menax fasteners.





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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](http://www.anchorinc.com) or by calling 1-800-544-4445.



### **WARNING:**

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 mounting method suggested in the installation instructions does not necessarily meet all or any relevant codes on the site of the installation. The method suggested **will, in many cases, keep the structure erected**, however, due to various soil conditions; this method may be insufficient **to keep the structure secure in high winds**. It is the installer's responsibility, not the manufacturer, to determine the appropriate method of securing the structure to meet the necessary wind loads on the site. Regardless of the mounting method we suggest, we make no representation or warranty as to whether the mounting method suggested will meet the local code. Anchor does not, nor can it make any suggestions, representation, or warranties about the adequate mounting required at each specific installation site.
3. Inasmuch as the weather is unpredictable, good judgment and common sense must be incorporated within installation guidelines. It is the responsibility of the 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 sunshade 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.