



# MODEL **MQ30**

## PEAK MARQUEE TENT

### ASSEMBLY INSTRUCTIONS

#### **IMPORTANT:**

PLEASE READ INSTRUCTIONS PRIOR TO ERECTING THE TENT.

PROPER INSTALLATION WILL ENSURE MAXIMUM USAGE AND STABILITY OF THIS STRUCTURE.

IF FURTHER INFORMATION OR CLARIFICATION OF ANY PART OF THE ENCLOSED INSTRUCTION IS REQUIRED, PLEASE CONTACT:

**WARNER SHELTER SYSTEMS LIMITED**  
1-800-661-6155 OR E-MAIL: [warners@wssl.com](mailto:warners@wssl.com)

#### **CAUTION**

1. Each installation site must be evaluated and the proper securing method determined by the installer. Some soils require staking or securing different from that which was provided with the tent.
2. Good judgment and common sense must be used along with installation guidelines. It is the responsibility of the tent installer/maintainer to anticipate the severity of the weather along with the proper time and method of setup and take down. Evacuation of the tent is recommended before weather becomes extreme. A successful event is a safe event.
3. Proper safety equipment, such as hard hats, steel toe shoes, and safety glasses, should be used to ensure a safe setup and take down.

<b>Table of Contents</b>	<b>PAGES</b>
• STRUCTURE LOCATION .....	<b>2</b>
• PARTS LIST AND PARTS NUMBER.....	<b>3</b>
• FRAME ASSEMBLY .....	<b>4 - 5</b>
Post & Centrepole Assembly ..... Step 2 - 3 ..... PAGE	4
Upper Frame Assembly ..... Step 4..... PAGE	4
Cross Cable Installation ..... Step 5 - 6 ..... PAGE	5
• TENT TOP INSTALLATION.....	<b>5 - 7</b>
Protecting Tent Top ..... Step 7..... PAGE	5
Unfolding Tent Top ..... Step 8 ..... PAGE	6
Securing Tent Top to Frame ..... Step 8A/8B ..... PAGE	7
• ERECTING THE TENT .....	<b>7</b>
Installing Posts ..... Step 9 ..... PAGE	7
Installing Centrepole ..... Step 10 - 15 ..... PAGE	8 - 9
Securing the Structure ..... Step 14 & 16 ..... PAGE	9 - 10
• WALL INSTALLATION .....	<b>11</b>
• JOINER INSTALLATION .....	<b>12 - 13</b>
• SUMMARY .....	<b>13</b>
• CARE FOR YOUR VINYL TOPS .....	<b>14</b>
• MAINTENANCE .....	<b>14</b>

## Tent Location

### VERY IMPORTANT!

**Ascertain tops, guys, and other tent parts are in good operating condition. Any components showing damage should be replaced immediately.**

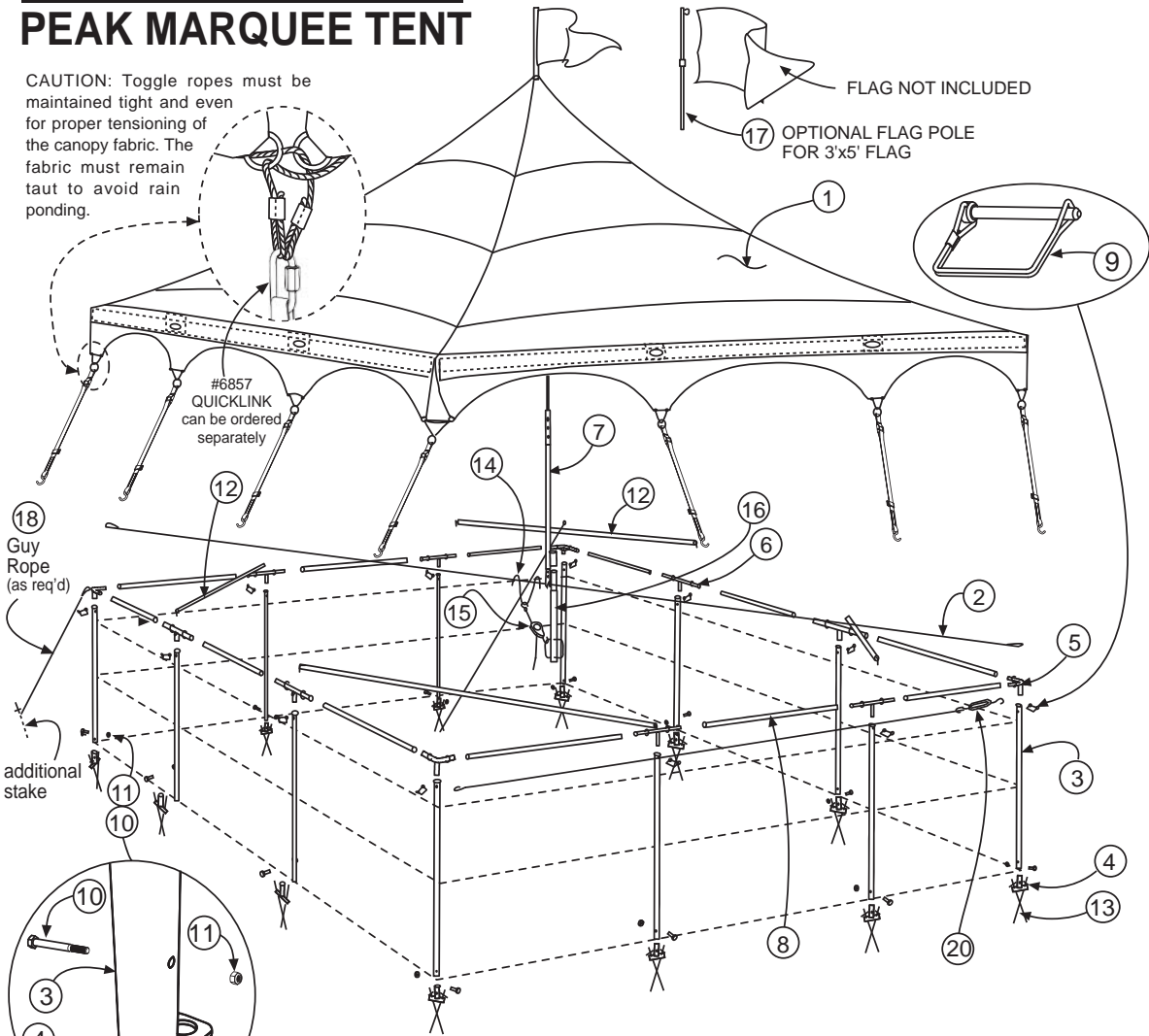
**Before unloading, review the proposed location of the tent. In doing so, take into account the following:**

- Hazards** Locate, mark, and avoid any overhead or underground electrical, phone, gas, sprinkler or other lines. Take note and always be aware of any and all hazards. **DO NOT BEGIN ANY ASSEMBLY UNTIL THE HAZARDS HAVE BEEN MARKED AND CAN BE SAFELY AVOIDED.**
- Access** Plan the best route for bringing the tent and equipment for the setup onto and off the site.
- Drainage** Attempt to influence the location of the tent so that rain or melting snow can drain away.
- Obstacles** A clean, level and unobstructed site will provide an easy assembly of the tents.
- Weather** Do not attempt to setup the tent during thunderstorms, high winds or other extreme conditions.
- Safety** Before the set up, instruct the crew on safety procedures. All local safety and fire regulations must be followed.

**ALL SITE PERSONNEL MUST FOLLOW OCCUPATIONAL HEALTH AND SAFETY PROCEDURES.**

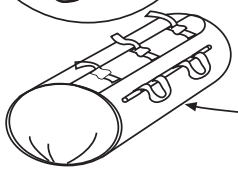
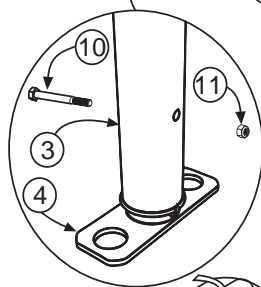
# MODEL MQ30 PEAK MARQUEE TENT

CAUTION: Toggle ropes must be maintained tight and even for proper tensioning of the canopy fabric. The fabric must remain taut to avoid rain ponding.



18 Guy Rope (as req'd)

additional stake



NOTES:  
**(14), (15) AND (16) ARE REMOVED AFTER CENTRE POLE IS IN PLACE ON THE CROSS CABLES**  
 (\*) ONE TON PULLER AVAILABLE FROM YOUR LOCAL HARDWARE STORE.

			ASSEMBLY #	
			10567	10606
ITEM	PART	QTY	ALUMINUM FRAME	STEEL FRAME
(1)	TENT TOP MQ	1	10624	
(2)	CROSS CABLE	2	7160	
(3)	POST 8'	12	10591	10590
(4)	BASE: MQ FLAT	12	10514	
(5)	CORNER 90°	4	10628	
(6)	T-JOINT	8	10654	
(7)	CENTREPOLE	1	10598	
(8)	EVE TUBE	12	10630	7161
(9)	LOCK PIN	13	7843	
(10)	BOLT 5/16" - 3" NC	12	4093	
(11)	NUT 5/16" NYLOK	12	8369	
(12)	BRACE DIAGONAL	4	10757	7157
(13)	STAKE 3/4" x 34"	24	10666	
(14)	TOOL: CABLE	1	10325	
(15)	TOOL: PULLER	*	10333	
*	PULLER AVAILABLE FROM YOUR LOCAL HARDWARE STORE			
(16)	TOOL: CENTREPOLE	1	10324	
(17)	FLAG POLE EXT.	1	9523	
(18)	GUY ROPE	12	10689	
(19)	BASE: MQ ADJ. 24"		11064	
(20)	CABLE: SLIDE WALL 30'		11004	
	DROP SHEET	1	2103	

## Step

- Check all the parts before assembling the tent.
- Refer to assembly drawing on page 3 for part quantities and part numbers.

\* Bolts, Nut and Lock-pins not shown.

## PRE ASSEMBLY

### Step

- Assemble the Post 8' (3) with the Base (4) using Bolts (10) and Nuts (11).
- Assemble the Centrepole (7) using the same type of Bolts and Nuts.

## FRAME ASSEMBLY

### Step 3

- Assemble Corner 90° (5), T-joints (6) and Eve Tubes (8), by slipping one tube to another.

### Step 4

- Install Brace Diagonal (12).

\* Slightly move bottom of T-joint if brace would not reach hole.

**CROSS CABLE INSTALLATION**

**Step 5**

cross cables should be on top of brace diagonal

Corner Pin

Cross Cables

- Install first (bottom) Cross Cable ② diagonally in square frame.
- Hook the cable end loop over the corner pin.

**Step 6**

Top

Bottom

- Install second (top) Cross Cable.
- To install last loop, lift last corner to shorten the distance and hook the cable in place.
- Lowering the corner causes the corners to adjust their position and the cables to tighten.

**Step 7**

②0

Cable: Slide Wall

Turnbuckle

T-joint

Cable: Slide Wall (goes behind T-joint and under the Bracket)

Brace Diagonal

Turnbuckle

Cross Cable

- If walls are to be installed, attach Cable: Slide Wall ②0 to the Corners and tighten with turnbuckle.
- Cables should be in the inner side of the T-joint and under the Brace Diagonal. √

**TENT TOP INSTALLATION**

**Step 8**

**PROTECTING TENT TOP**

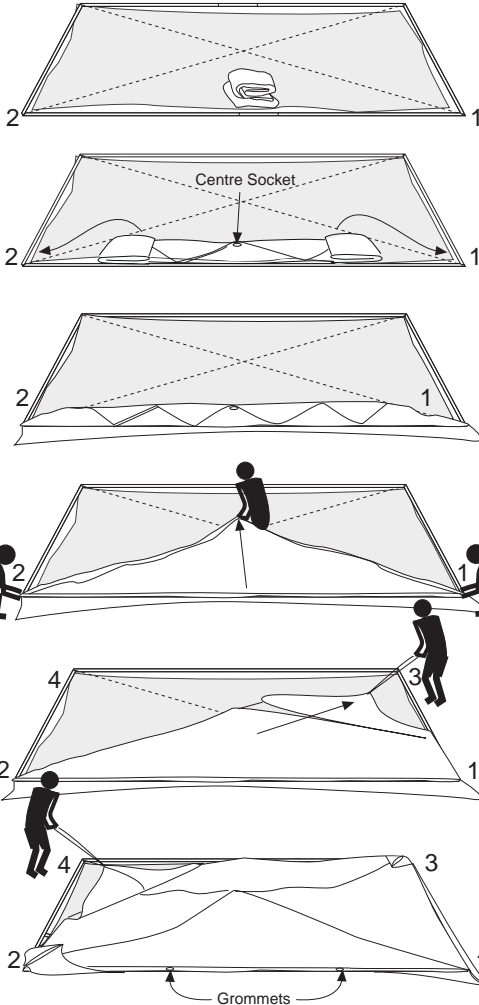
Drop Sheet (NOT INCLUDED)

- Unfold Drop Sheet (not included) over the Cross Cables to protect the Tent Top and to keep the Tent Top clean.

**ERECTING THE TENT**

**Step 9**

**UNFOLDING THE TENT TOP**



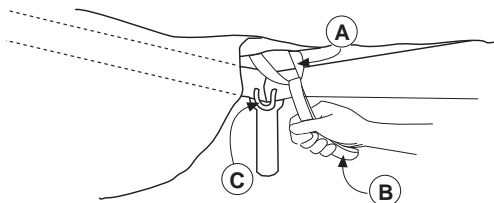
**NOTE:** Corners are numbered for convenience of explanation only.

- Place the Tent Top beside the middle part of one frame section and unfold fabric along one end.
- Roll out the Tent Top  
Ensure that centre socket would pull out towards the centre, otherwise rotate entire tent top bundle 180°.
- Pull centre socket, unfolding towards the centre.
- Attach webbing 1 & 2 to corresponding corners as shown in **STEP 9A** below.
- Unfold to the 3rd corner. Use toggle rope and avoid stepping on Tent Top.
- Repeat to 4th corner.
- Attach webbings 3 & 4 to corresponding corners. To attach last webbing, **SEE STEP 9B** below.

**ATTACHING WEBBING TO CORNER**

**Step 9A**

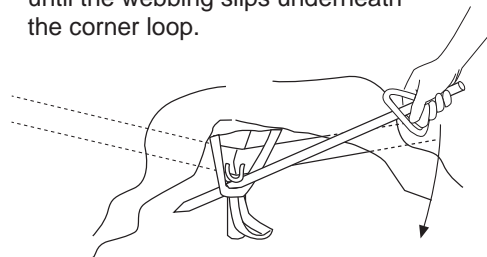
**Step 9B**



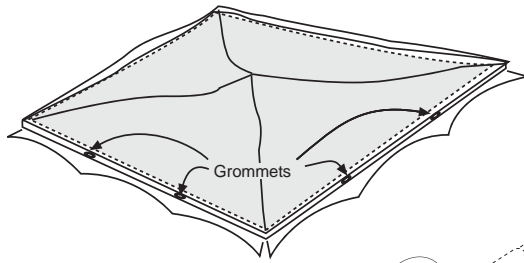
- Attach one segment of the Tent Top to the upper frame by pulling handle **(B)** to place loop webbing **(A)** around the corner loop **(C)**.

**ATTACHING THE LAST**

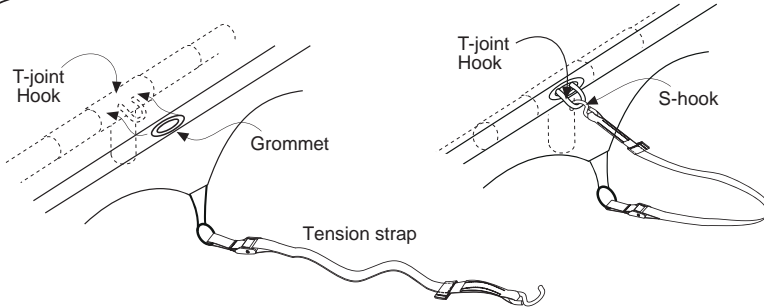
- To attach the last corner, insert a stake through webbing **(A)** and push down until the webbing slips underneath the corner loop.



## Step 10

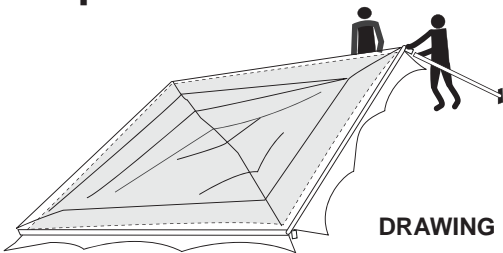


- Thread each T-Joint loop through corresponding grommet on the Tent Top.
- Temporarily hold in place with S-hook of the tension strap.



## ERECTING THE TENT

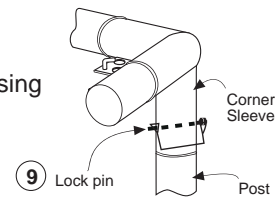
### Step 11



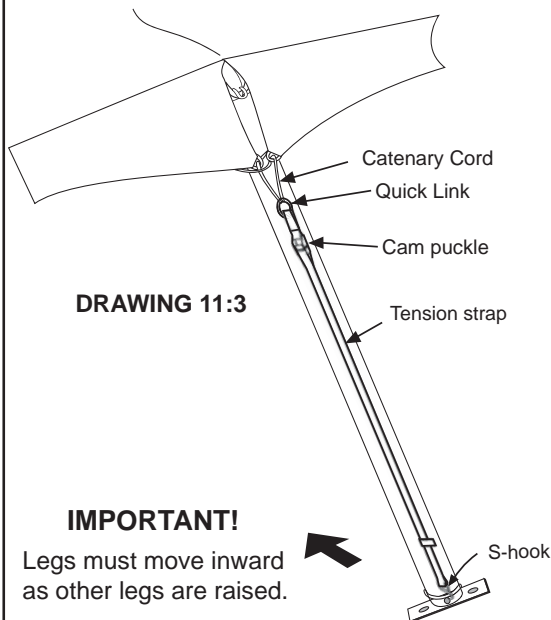
#### INSTALLING POSTS

- To install the first Post 3, lift one corner and slide the Post into the Corner sleeve.  
SEE DRAWING 11:1

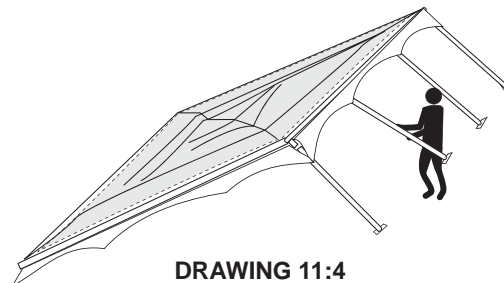
- Lock post in place using Lock-pins ⑨ . =>



- Insert s-hook at the bottom of the tension strap into the hole in the Base. SEE DRAWING 11:3
- Tension strap by pulling the strap down.
- Using the same procedure, install second corner Post, followed by the middle ones. ↓

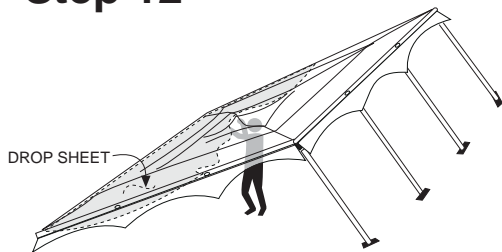


DRAWING 11:3



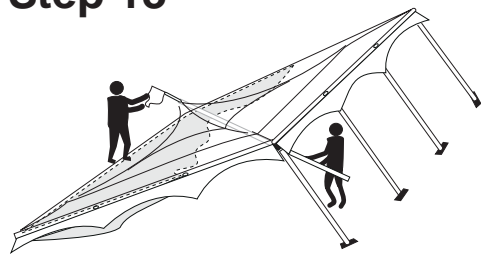
## Step 12

### CENTREPOLE INSTALLATION



- After raising one side, push Drop Sheet towards the lower half of the frame to expose the Cable intersection.

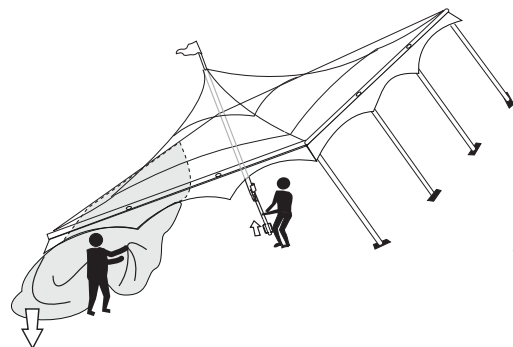
## Step 13



- Insert the Centrepole through the socket at the centre of the Tent Top and lean the Centrepole against the intersection of the Cross Cable.
- Install the Flag from outside.

\* Be careful when stepping on fabric. Removing shoes would be recommended to avoid soiling or damaging the Tent Top.

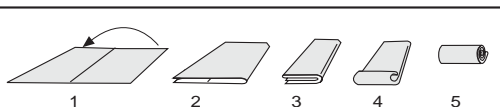
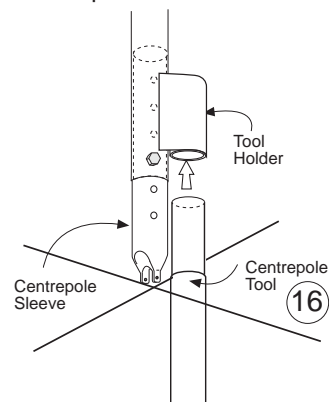
## Step 14



- Slide the Centrepole Tool (16) into the tool holder located at the bottom of the Centrepole.
- Move Centrepole to vertical position.

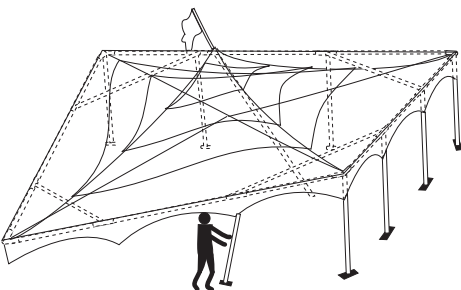
### IMPORTANT!

Adjust centrepole sleeve up or down. Centrepole must be long enough to create taut cover.

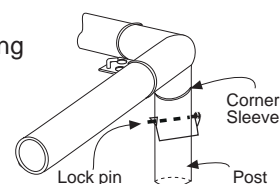


- Remove Drop Sheet and fold keeping clean side in.

## Step 15

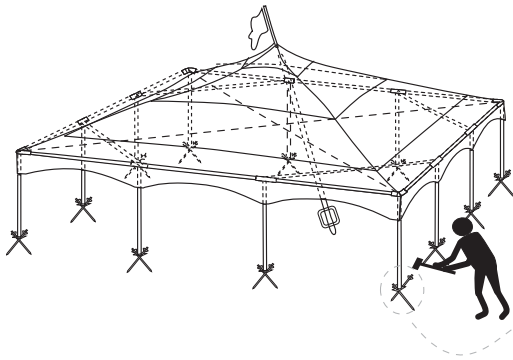


- Install the rest of the Posts, inserting the Corner Posts first and subsequently the Side Posts.
- Lock Posts in place using the Lock Pins .

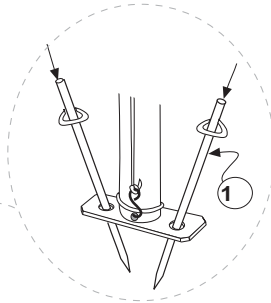




## Step 14

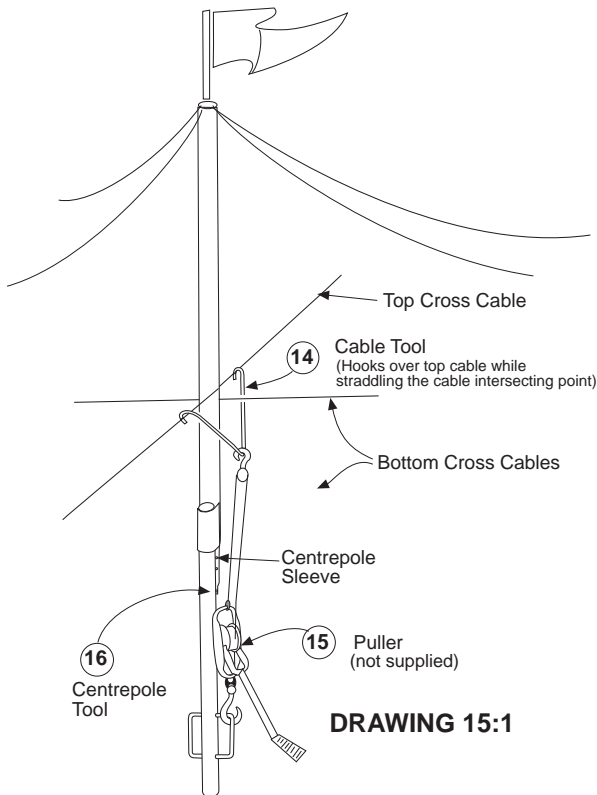


- Straighten Posts and drive two Stakes (14) at each Post Base.

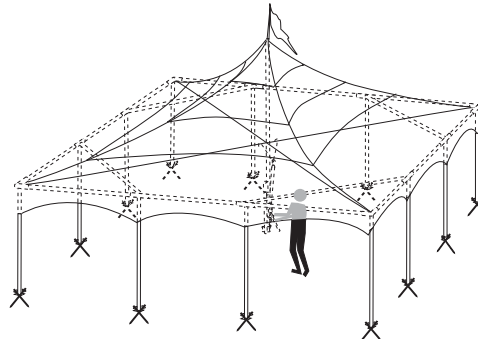


**NOTE:** If the weather will allow, it may be more convenient to stake the bases after raising the Centrepole.

## Step 15

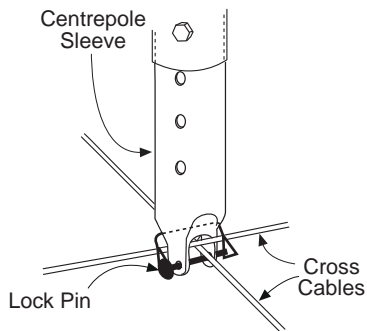


- Attach the Cable Tool (16) to the top Cross Cable. SEE DRAWING 15:1
- Attach a 1 TON Puller (17) to the Cable Tool and the other end to the handle of the Centrepole Tool (15).
- Raise the Centrepole by cranking the Puller until the bottom of the Centrepole Sleeve is slightly above the Cables. SEE DRAWING 15:2



**DRAWING 18:2**

### DRAWING 15:3

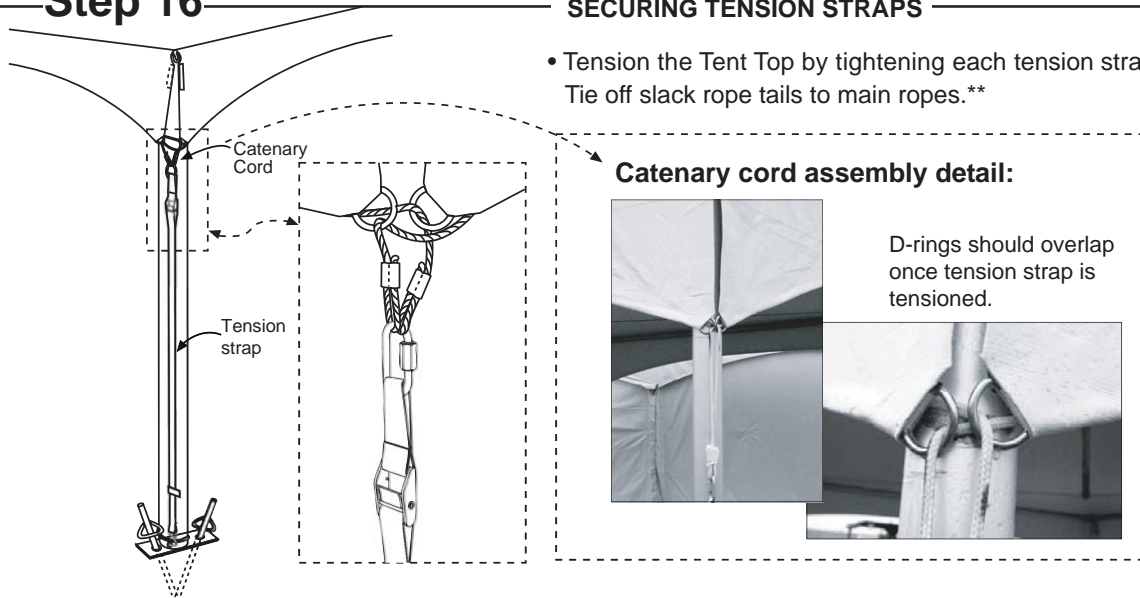


- Align the Centrepole Sleeve and lower it over the intersecting point of the three Cables. <= SEE DRAWING 15:3
- Secure the Centrepole to the Cables using the Lock Pin.
- Remove the Cable Tool and Puller.

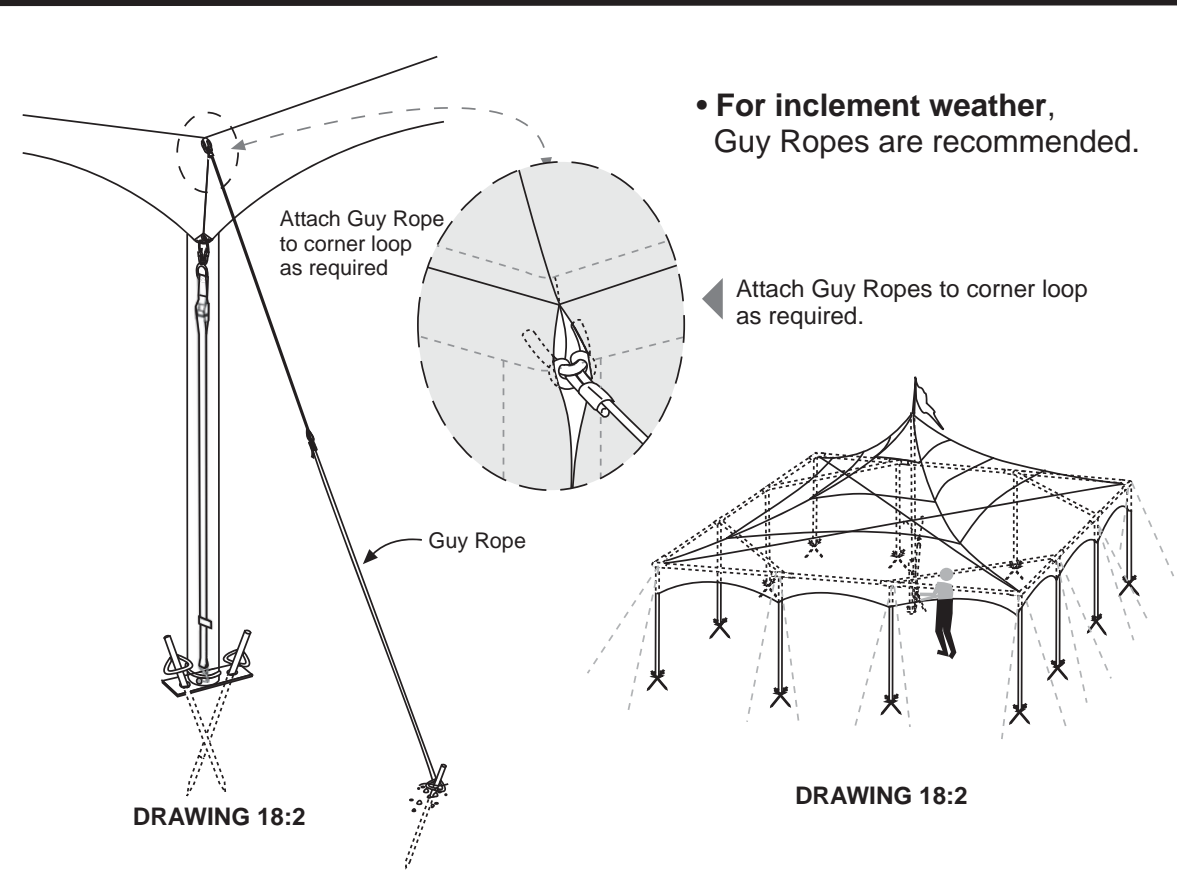
## Step 16

### SECURING TENSION STRAPS

- Tension the Tent Top by tightening each tension strap. Tie off slack rope tails to main ropes.\*\*



**IMPORTANT:** Each installation site must be evaluated by installer to determine proper securing method. Site conditions may require anchorage different from what was provided with the Tent.



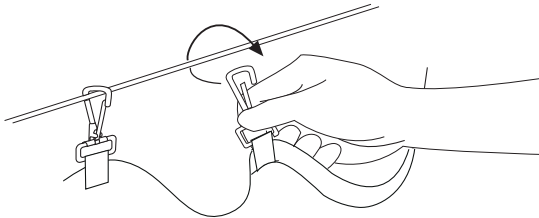
# Wall Installation

**\* Before installing walls, make sure toggle ropes are evenly tensioned and the Tent Top is evenly positioned on the frame.**

1. From inside of the tent, install Brackets to each Post where walls are to be installed.

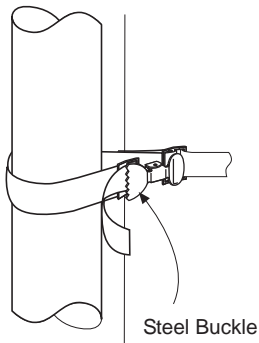
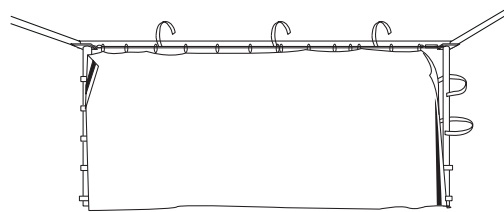
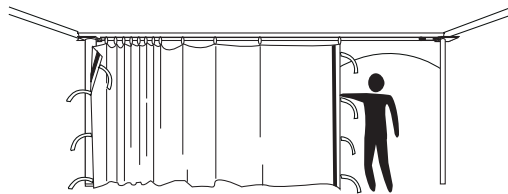
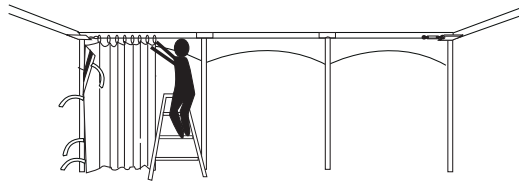
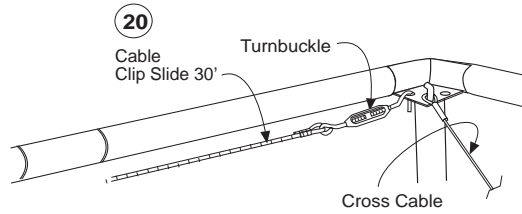
2. Install Cable: Slide Wall to bracket holes. Tension with turnbuckle. =>

3. Clip walls to Cable: Slide Wall as shown below.



4. Slide the wall towards the other end. =>

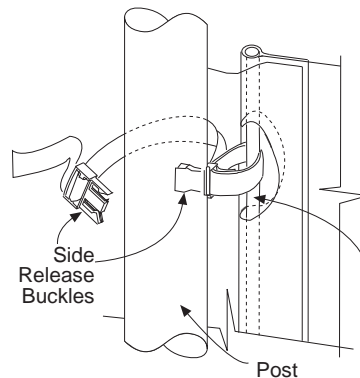
5. Secure side wall straps to Posts. Evenly tension straps. =>



**STANDARD WALL**

<=Walls are available with Delrin side release or steel buckles.

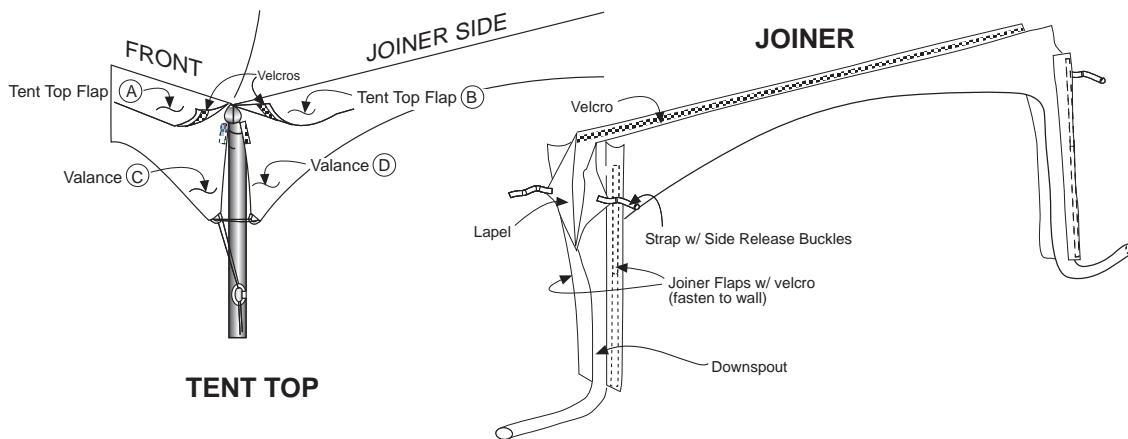
Walls with batons are equipped with either side release buckles or velcro straps. =>



**BATON WALL**

# Joiner Installation

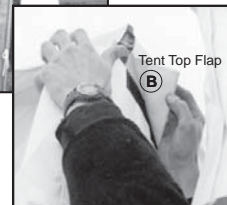
\* Please review diagram below before proceeding.



1. Unfold joiner



2. Starting with one side, slip joiner underneath **tent top flap (B)** (see above diagram) and fasten velcro.

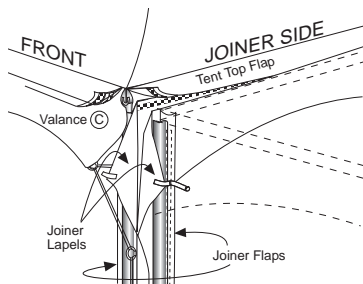


3. Work your way to the other end maintaining a flat clean seal to avoid leakage.

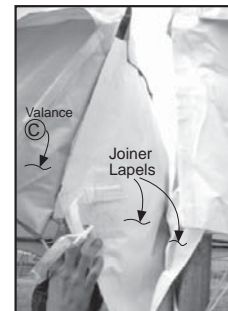
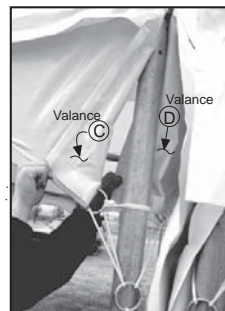


4. Repeat procedure on the opposite side.

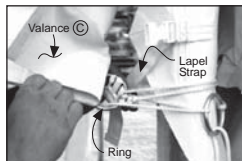
5. Place **joiner flap** (not lapels) and **valance (D)** (see diagram) behind post.



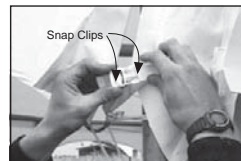
6. Insert joiner lapels between two posts and spread open.



7. Insert the strap on the lapel through the ring in the adjacent **valance (C)**.



8. Secure side release buckle.



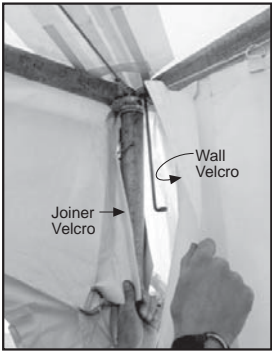
10. From outside, fasten front valances from both tents together.



12. Secure buckles and pull strap to tighten.



13. From inside, fasten upper part of joiner velcro to wall velcro.



15. Make final adjustments making sure joiner smoothly follow the catenary curve and downspout is free from foldings and obstructions.



14. Straighten downspout and fasten the rest of the velcros.



## Summary

1. Check parts.
2. Assemble Corner 120°, Eve Tubes, Midjoints to form upper frame.
3. Install Cross Cables.
4. Spread Drop Sheet over Cross Cables for Tent Top protection.
5. Unfold Tent Top.
6. Attach Tent Top webbings to corner loops.
7. Install Posts. Secure with Lock Pin and insert the s-hook of the toggle rope into the hole at the Post Base.
8. Move Drop Sheet to clear Cross Cable intersection area
9. Insert Centrepole through the centre socket.
10. Install Flag from outside.
11. Install Centrepole over the Cross Cable intersecting point.
12. Remove and fold Drop Sheet.
13. Install remaining Posts.
14. Drive two Stakes through each Post Base.
15. Tension each toggle rope.
16. Install Walls, Joiners or Guy Ropes if needed.
17. Make final inspection to ensure everything is in operational condition.
18. Clean up site.

**To take down the tent, reverse the preceding installation steps.**

## Care for your Vinyl Tops

### Care for your vinyl tops as you would to any vinyl surface.

Use mild detergent industrial cleaner with no chlorox.

To clean, spread tent top on clean surface. Try laying fabric on astro turf to wash. Dirt and tiny sharp particles tend to fall into the carpet pile, away from the fabric. Some renters set up the tents to wash and dry.

Spray detergent solution onto fabric. Use more concentrated solution on soiled areas.

Rub, scrub or brush; elbow grease is an essential ingredient. Pressure washing may harm your tent fabric and is not recommended. Rinse with clean water, hang cover and allow to dry thoroughly.

**DO NOT** put your tent away damp. Mold & mildew will grow and discolour the cover. Always dry the tent. To speed things up, try fans or carpet air blowers and hanging the Tent Top.

Trees can be a problem with sap, pollen, etc. Flowers & leaves, sometimes contain powerful natural organic chemicals capable of staining your beautiful tent. Beware of tents under trees!

- Always use a drop sheet during setup and take down.

- Have some cleaning equipment with you for on-site clean ups.

- Besides being a fire hazard, BBQ's add a lot of grease and grime to the underside of the tent and are not recommended even with the walls off.

**STORAGE** - store vinyl Tent Tops and other parts **clean** and **dry**.

## Maintaining Your Tent

Your **WSSL Peak Marquee Tent** will serve your needs now and for many years to come. Tighten the top and walls to avoid wind flap and consequent wear on the fabric. Periodically the fabric should be cleaned; in place or when dismantled. Using mild detergent, water and a deck mop, clean wipe the fabric roof or walls. Let dry. Repair any damage to the fabric using a WSSL Fabric Repair Kit. Repair or replace any possible damaged frame parts.

### TENT FABRIC CHARACTERISTICS

**MILDEW** - If mildew is detected, remove it immediately. Regardless of treatment, there is no way to absolutely stop fungus growth if it is prevalent in your area. No tent can be guaranteed not to mildew. Vinyl fabrics may mildew in storage if not properly stored. **BE SURE TENT IS CLEAN AND DRY BEFORE STORING IN A COOL, DRY PLACE.**

**WATER RESISTANCE** - WSSL tents are made of waterproof vinyl/polyester fabrics using waterproof welded seams. Because these fabrics are impervious to moisture, condensation may occur with some heaters and if the tent is poorly vented. Do not confuse water condensation with leakage especially on vinyl tents.

**FLAME RESISTANT** - All WSSL tent tops and walls are fire retardant. All WSSL tent fabrics satisfy ULC-S109, NFPA 701, and California fire marshal tests for fire resistance.

**FADING-OPACITY** - Variable sun conditions, exposures, types of materials and fabric finishes all influence the weathering of fabrics. WSSL fabrics have been chosen for their colour and opacity consistency and stability.

**COLD CRACK** - Chosen for their tolerance to cold cracking, our translucent fabrics remain flexible at temperatures below 0°F. The opaque fabrics are laminated and therefore become stiffer as the temperature drops. When the temperature is near 32°F, care should be taken in folding and moving the fabric to prevent cracking of the vinyl, especially the walls with windows.

## Notes

## WSSL TENTS

Warner Shelter Systems Limited creates fabric-clad structures to suit virtually every purpose, from special events, trade shows, catering and outdoor concerts to warehousing and industrial use. Our award-winning tents are user-friendly, durable and set-up quickly.

We have earned a reputation for providing a high level of service to customers since 1970. It is a pleasure to serve you. Please contact us for further information.



### PEAK MARQUEE TENT

A favorite for special events, fairs, trade shows, and food service use. With its ease of setup and lightweight frame, the Marquee is user-friendly as well as attractive.



### MODULAR CLEARSPAN BUILDING

Modular building Often used for large special events, but are equally suitable for warehousing, retail and industrial use and environmental projects. "MODS" are spacious and strongly built.



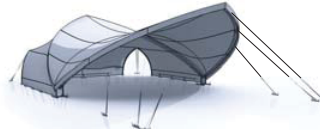
### PEAK POLE TENT

Great Solution for large functions of all types, combining the nostalgic appeal of old fashioned circus "big tops" with the advantages of modern technology. Available in 40', 60', 80', and 90' widths.



### ARABESQUE THEATRE TENT

The Arabesque Theatre with its high arched ends allows generous height over a stage at one end and bleacher seating at the other. These tents singularly or joined together, create a large attractive, clearspan interior.



### ARABESQUE STAGECOVER

The Arabesque Stagecover creates a striking backdrop for any outdoor concert with its dramatic curves and bold stripes. It is renowned for its superb acoustic projection and excellent sight lines.



### DOMESTAGECOVER

With great acoustics and excellent sight lines, our attractive SC series is available in four sizes, with the SC-70A large enough to accommodate a full orchestra.



### WSSL GIGA-SPAN

The WSSL Clearspan Series structures are designed, engineered, and manufactured in our CWB certified plant. The open web truss galvanized steel frames are assembled to satisfy the applicable building code.



### TENT -C- CAN

The WSSL Tent -C- Can: For its 40 years anniversary Warner Shelter Systems Limited WSSL offers to the world with a NEW Warner Innovation.



### WSSL GARAGE

WSSL Garage come complete with galvanized steel frame and fire retardant cover, easy to relocate structure featuring clear span truss framing, and 12' x 12' sliding door for easy access.



### TENT-X-SPAN

Sturdy, versatile and portable, the Tent-X-Span fabric structures are light weight, easy to transport, store, and erect. Box beam aluminum frame, interchangeable parts, and easily joins to peak marquee tents.

Copyright © 2010 by Warner Shelter Systems Limited  
All rights reserved.

This manual or any part thereof must not be reproduced in any form without the written permission of Warner Shelter Systems Limited.

The information contained in this manual is intended for the exclusive use of the customer and/or Building Authority.

Warner Shelter Systems Limited is not responsible for personal injury and damage to property caused by the application of the procedures documented in this manual to any situation not explicitly contemplated here.



## Warner Shelter Systems Limited

Tents and Fabric-Clad Structures

9811 - 44th Street, SE, Calgary, Alberta, Canada T2C 2P7  
Phone: (403) 279-7662 or (800) 661-6155; Fax: (403) 236-2633  
Website: www.wssl.com • E-mail: warner@wssl.com