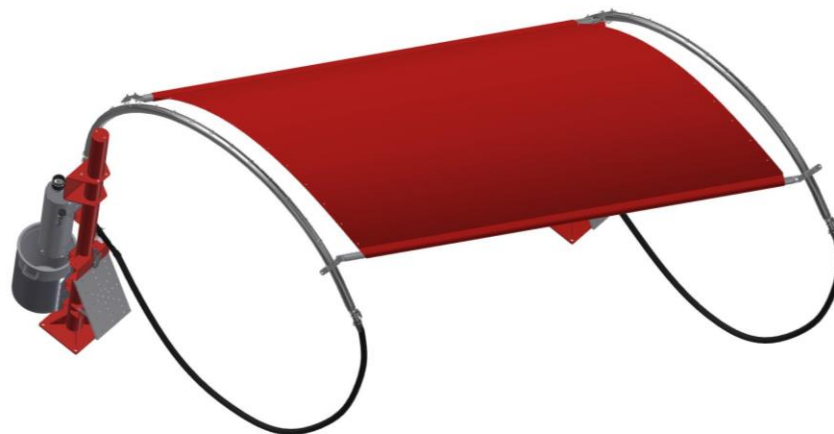




Models- **35000-ACA-_
ANGLED PARKING CANOPY MANUAL**

Page 2	Product Information
Page 3	Specifications
Page 4	Product Dimensions
Page 5	Application (left and right angle)
Page 6-9	Layout Instructions
Page 10-14	35000 Canopy Installation
Page 15-19	36000 Canopy Installation
Page 12	Maintenance
Page 13,14	Parts



PRODUCT INFORMATION

Please take a moment to fill out the information below in order to aid us with any future sales or service inquiries. Model number and serial number information can be found on the serial tag located inside the control box and/or on the lower exterior of the can. Key number can be found on the tag that comes attached to the keys. There may be more than one key number depending on unit.

Please keep this information with your records.

MODEL#:_____

SERIAL#:_____

KEY NUMBER(S):_____

DATE PURCHASED:_____

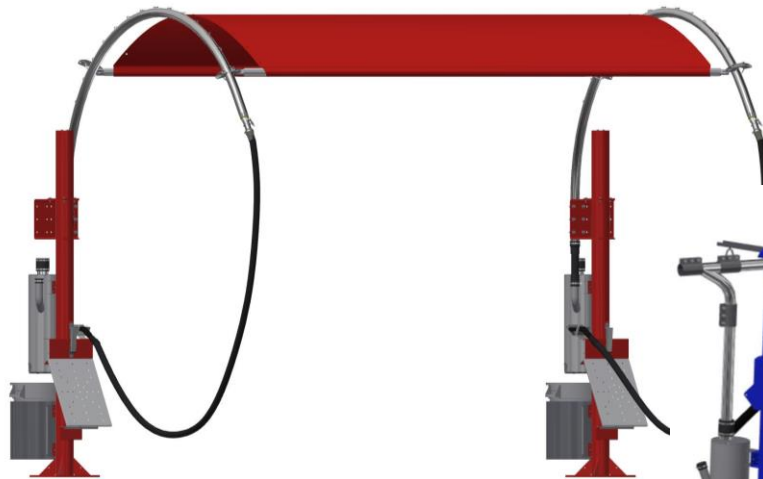
DISTRIBUTOR:_____

**J.E. Adams Industries
1025 63rd Ave. S.W.
Cedar Rapids, IA 52404
1-800-553-8861
www.jeadams.com**

Specifications

Features:

- Angled canopy system for 35000 and 36000 series stanchions
- 30 degree angle parking stalls only.
- 12 foot wide parking stall width.
- System can be used for left or right angle parking by flipping canopy.
- All standard accessories for stanchion systems will work with angle parking.



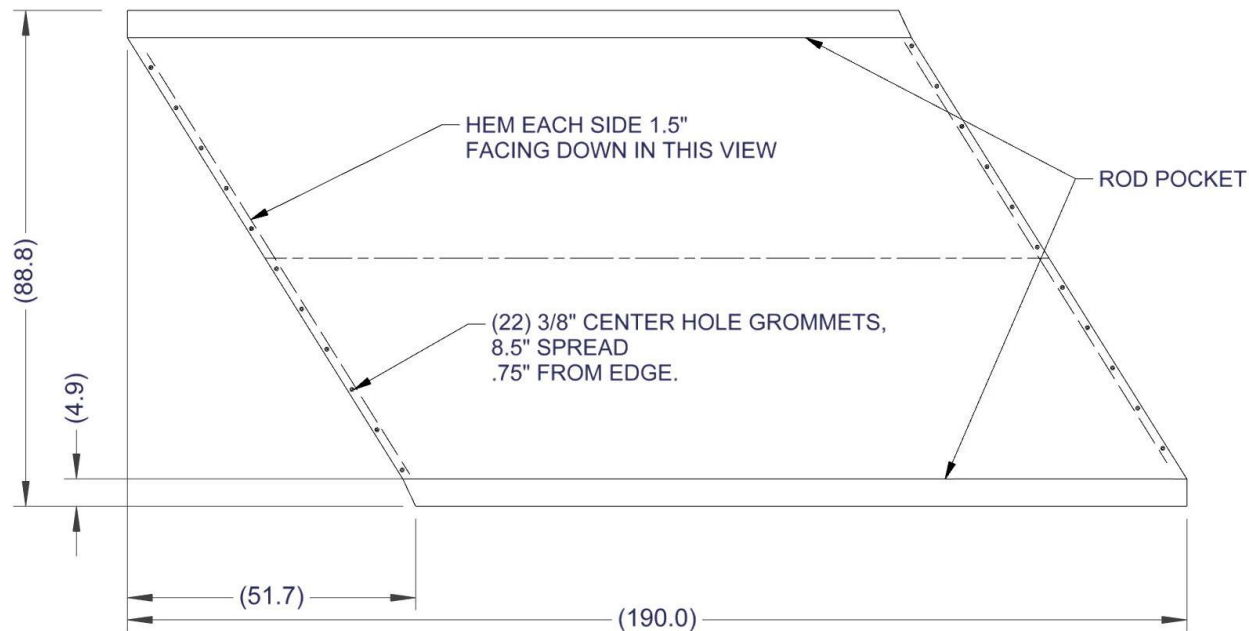
35000 series



36000 series

Dimensions

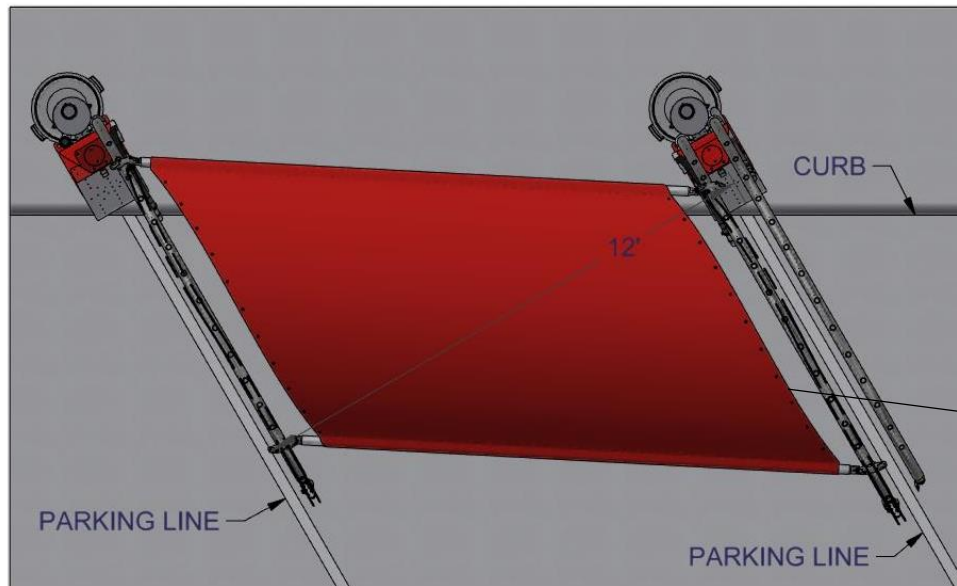
Angle parking canopy is uniquely designed for 12 foot lane spacing and 30 degree angle parking and will not fit for other dimensional variations. Layout and assembly of arch system will be critical for proper fit.



Note: Most of the details in this manual are referencing 30 degree parking angle to the right if on the street facing the curb. This system can be used for left angle parking as well by simply turning over canopy so edge seams are facing up. All dimensional information would simply be mirrored.

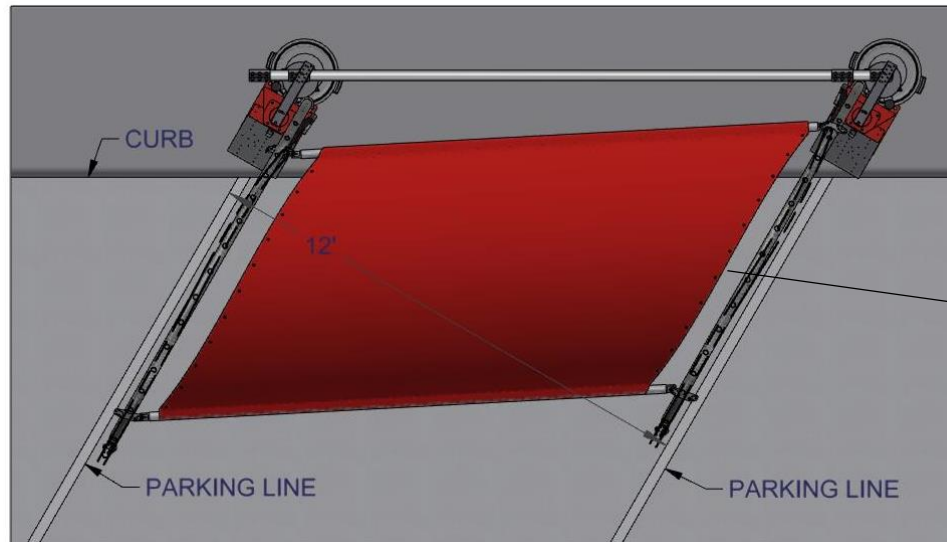
Application Considerations

TOP VIEWS



This orientation is consider
right hand angled parking

Perimeter edge
seams are down

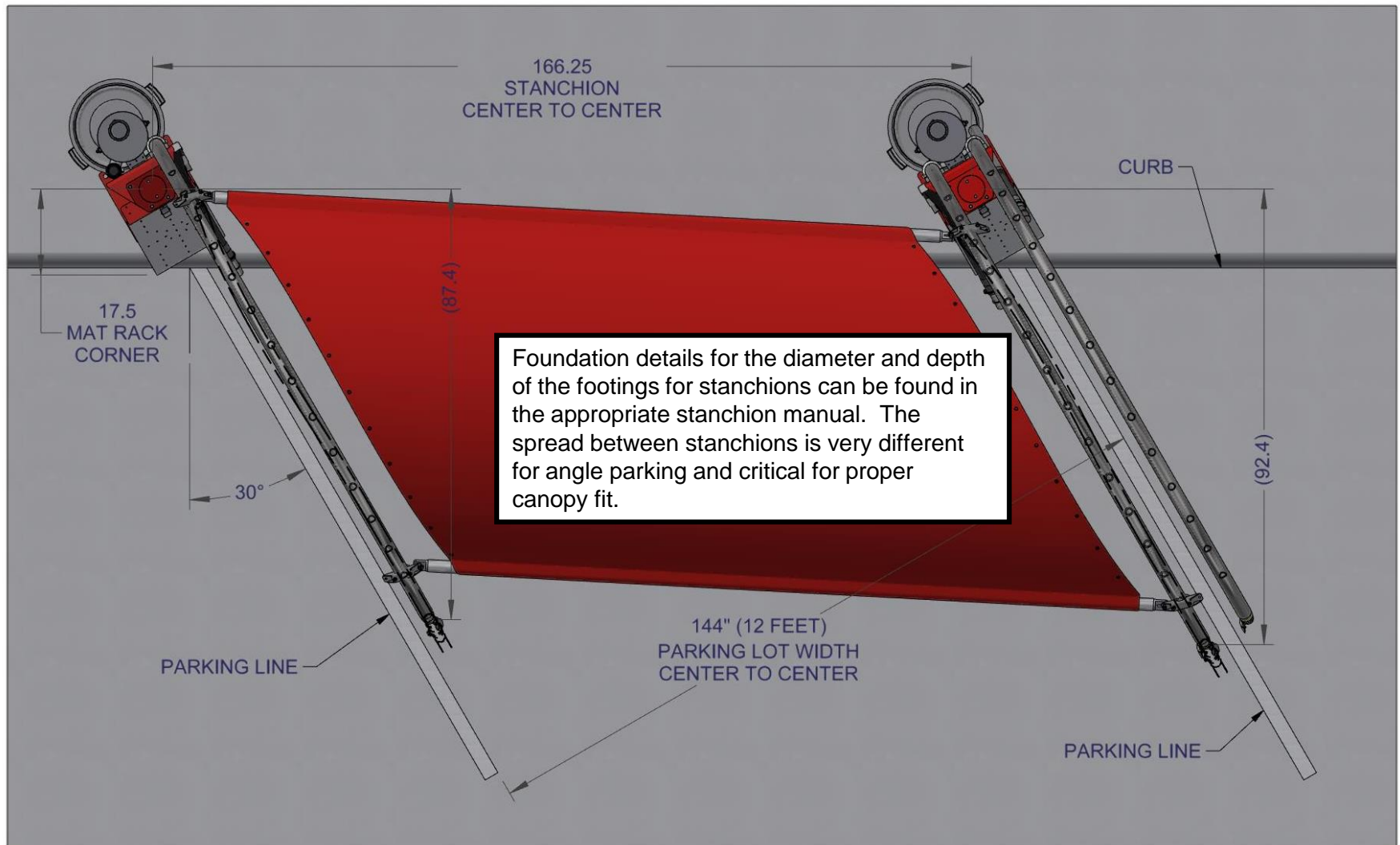


This orientation is consider
left hand angled parking

Perimeter edge
seams are up

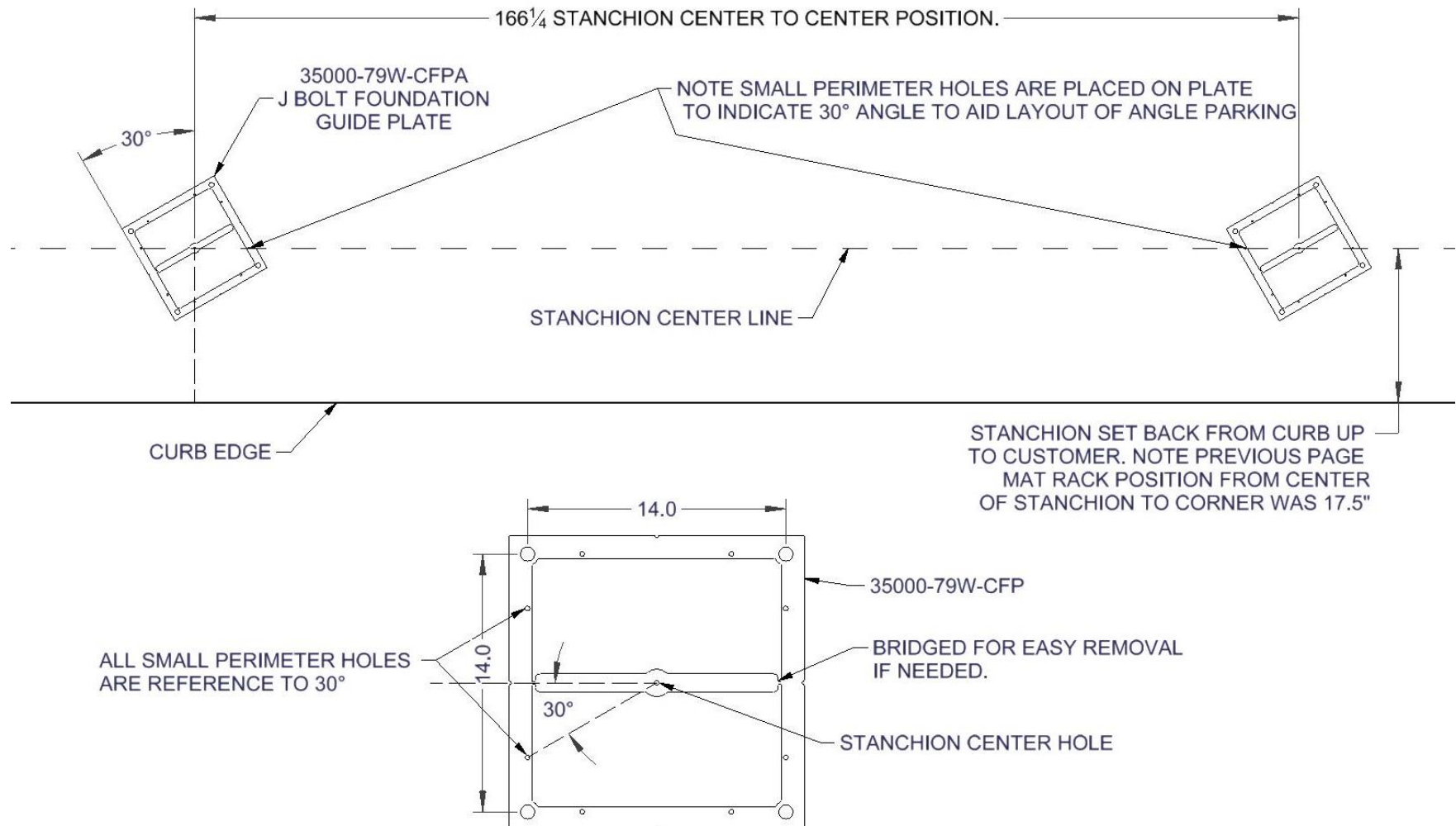
Layout Considerations

CRITICAL STANCHION SPREAD INFORMATION



LAYOUT DIRECTIONS

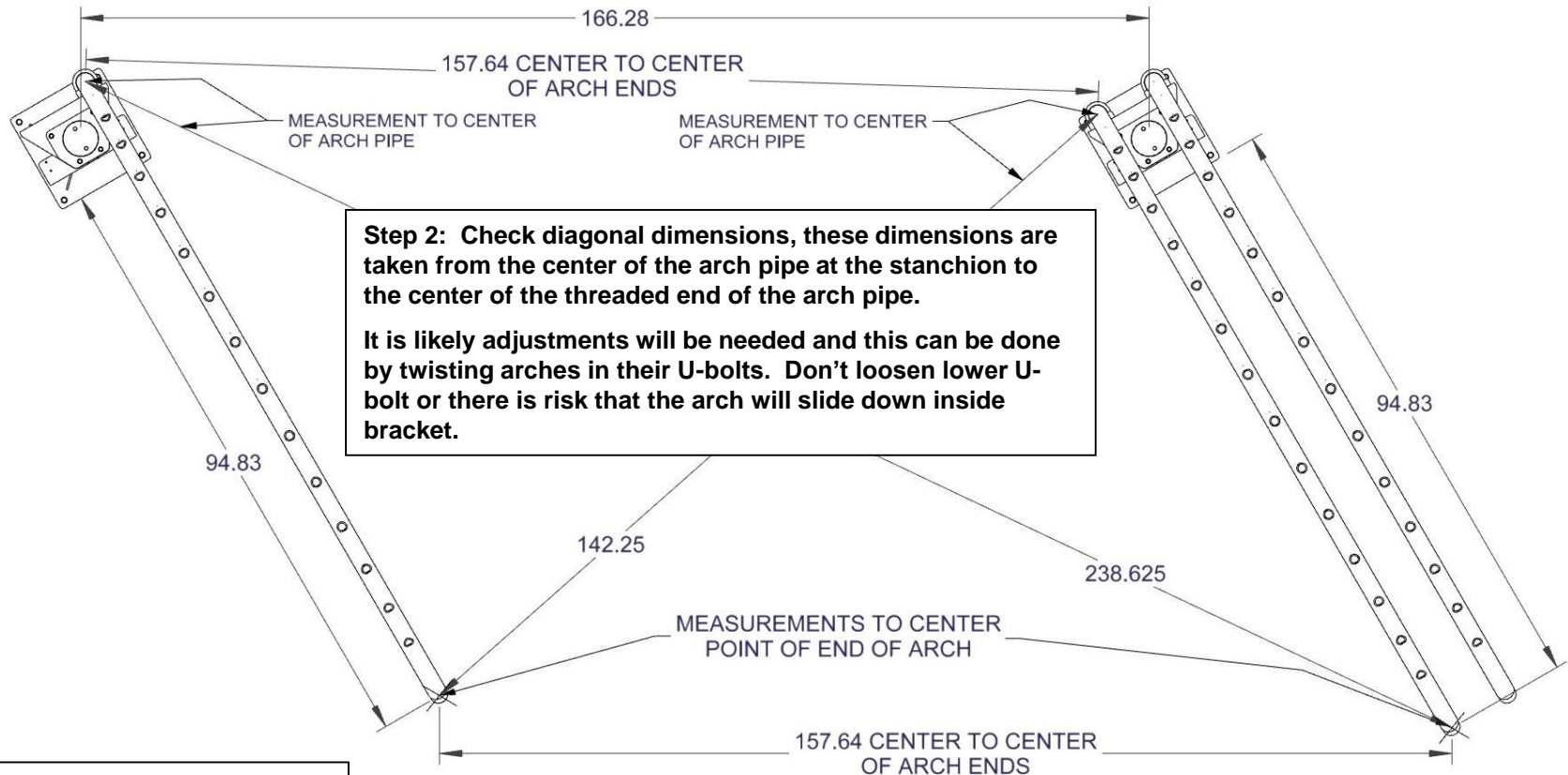
USING 35000-79W-CFPA J BOLT HOLDING GUIDE CAN MAKE LAYOUT EASIER AS IT IS CRITICAL STANCHIONS BE ORIENTED 30 DEG. CONSISTANTLY AND SPACED AT 166.25". DETAILS OF THE FOOTINGS SUGGESTED CAN BE FOUND IN THE APPLICABLE STANCHION MANUAL.



VERIFICATION OF ARCH POSITION: 35000 Series

Due to complication of angle canopy fit it will be very beneficial for installer to verify layout and arch position before installing canopy.
This would done once stanchions and arches are installed per standard manual for 35000 series, 35000-01_11H manual

Step 1: Verify 157.64" arch center to center at stanchion



Step 2: Check diagonal dimensions, these dimensions are taken from the center of the arch pipe at the stanchion to the center of the threaded end of the arch pipe.

It is likely adjustments will be needed and this can be done by twisting arches in their U-bolts. Don't loosen lower U-bolt or there is risk that the arch will slide down inside bracket.

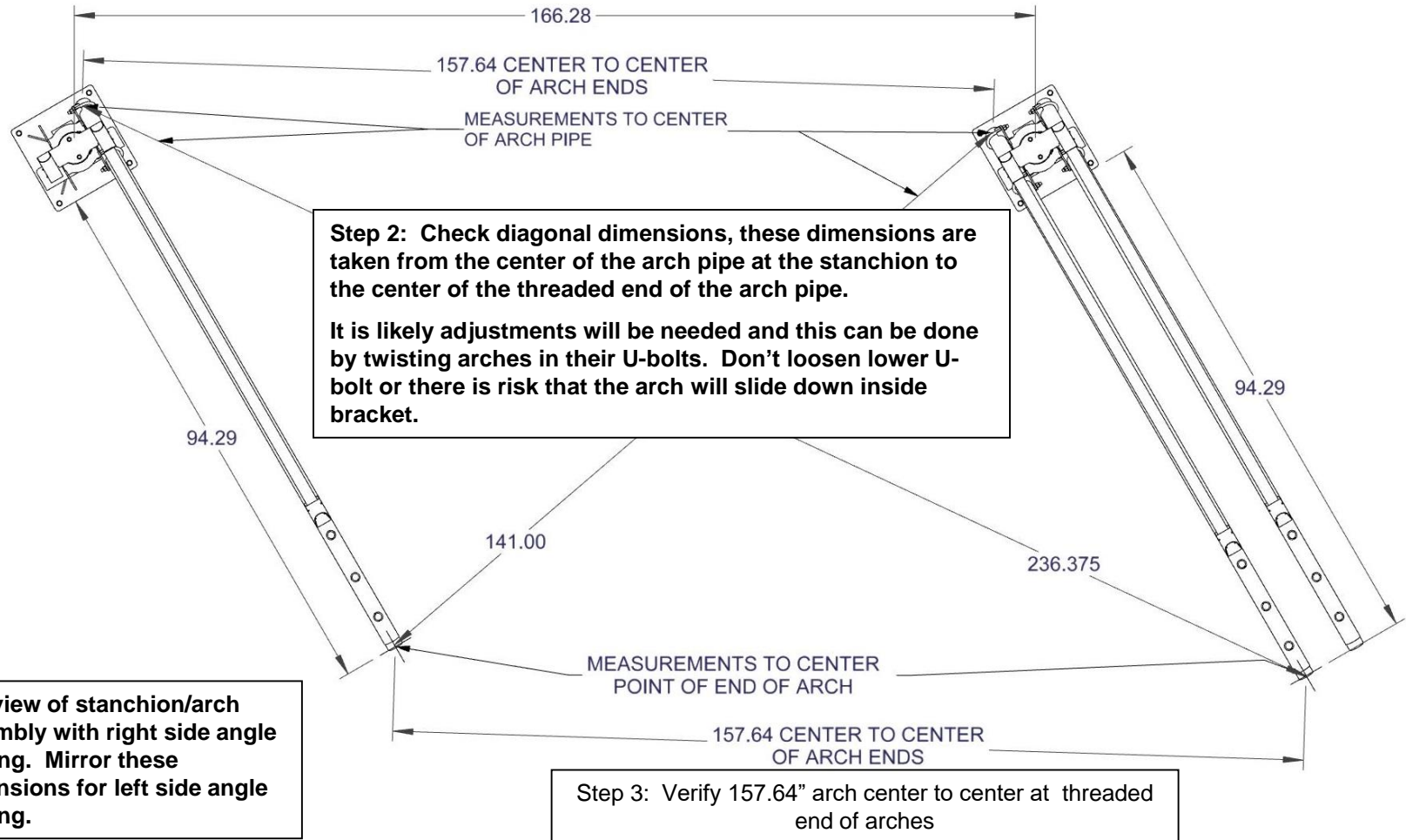
Top view of stanchion/arch assembly with right side angle parking. Mirror these dimensions for left side angle parking.

Step 3: Verify 157.64" arch center to center at threaded end of arches

VERIFICATION OF ARCH POSITION: 36000 Series

Due to complication of angle canopy fit it will be very beneficial for installer to verify layout and arch position before installing canopy.
This would done once stanchions and arches are installed per standard manual for 36000 series, 36000-01_11H manual

Step 1: Verify 157.64" arch center to center at stanchion.



VERIFICATION OF ARCH POSITION EXAMPLE 1

Below are illustrations of how the arch position measurements shall be taken. Example is of a 35000 setup. Use appropriate dimension for setup at site.

Step 2 Measurement – Long Diagonal



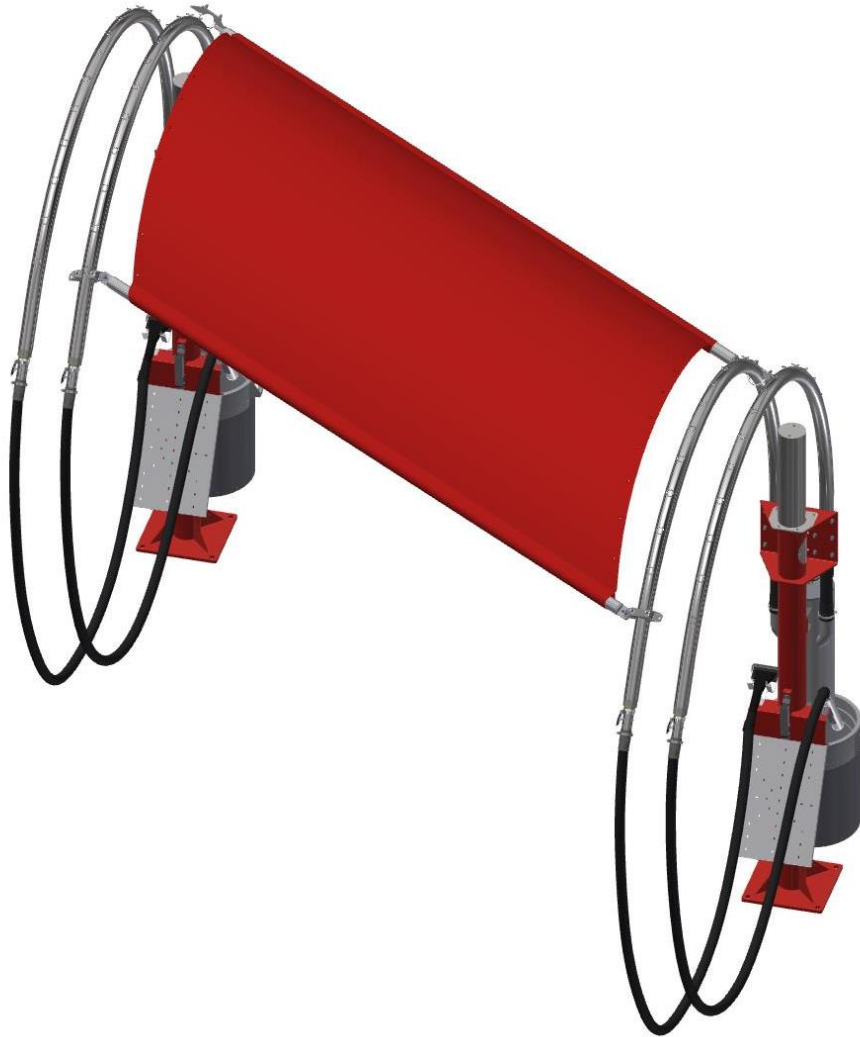
VERIFICATION OF ARCH POSITION EXAMPLE 2

Below are illustrations of how the arch position measurements shall be taken. Example is of a 35000 setup. Use appropriate dimension for setup at site.

Step 2 Measurement – Short Diagonal

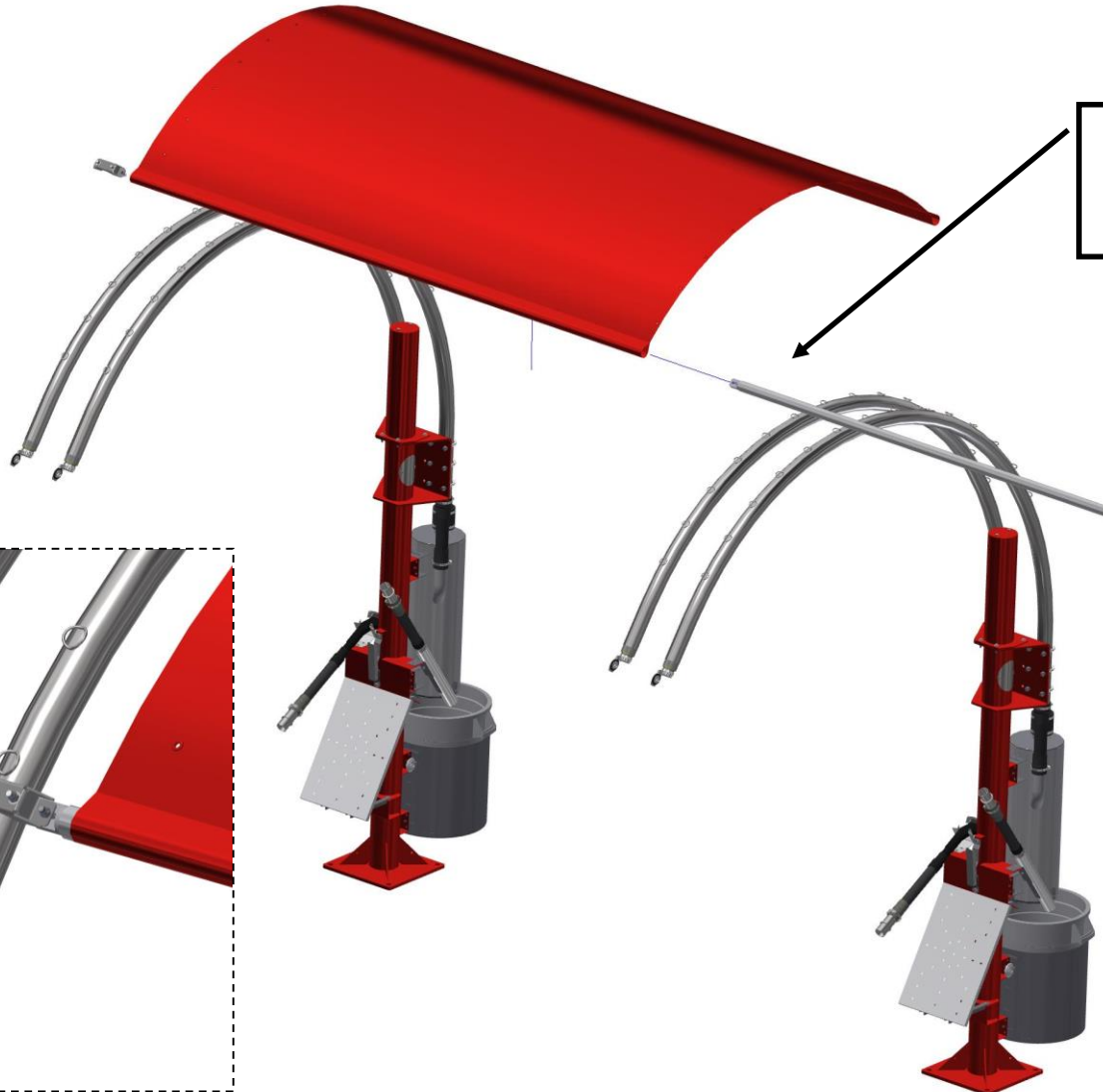
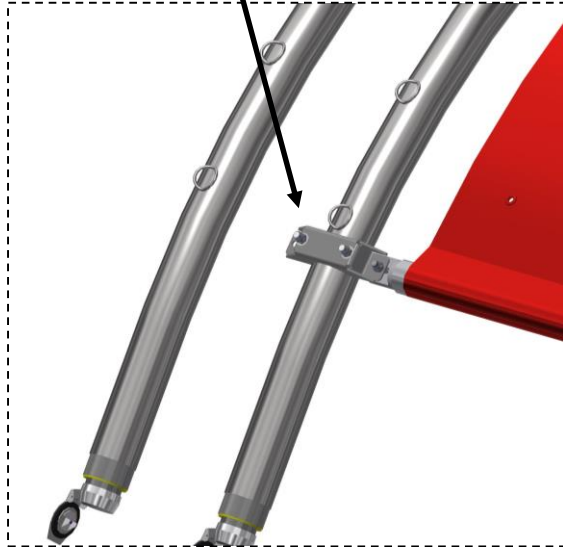


35000 SERIES Canopy Installation – USE 2 PEOPLE!



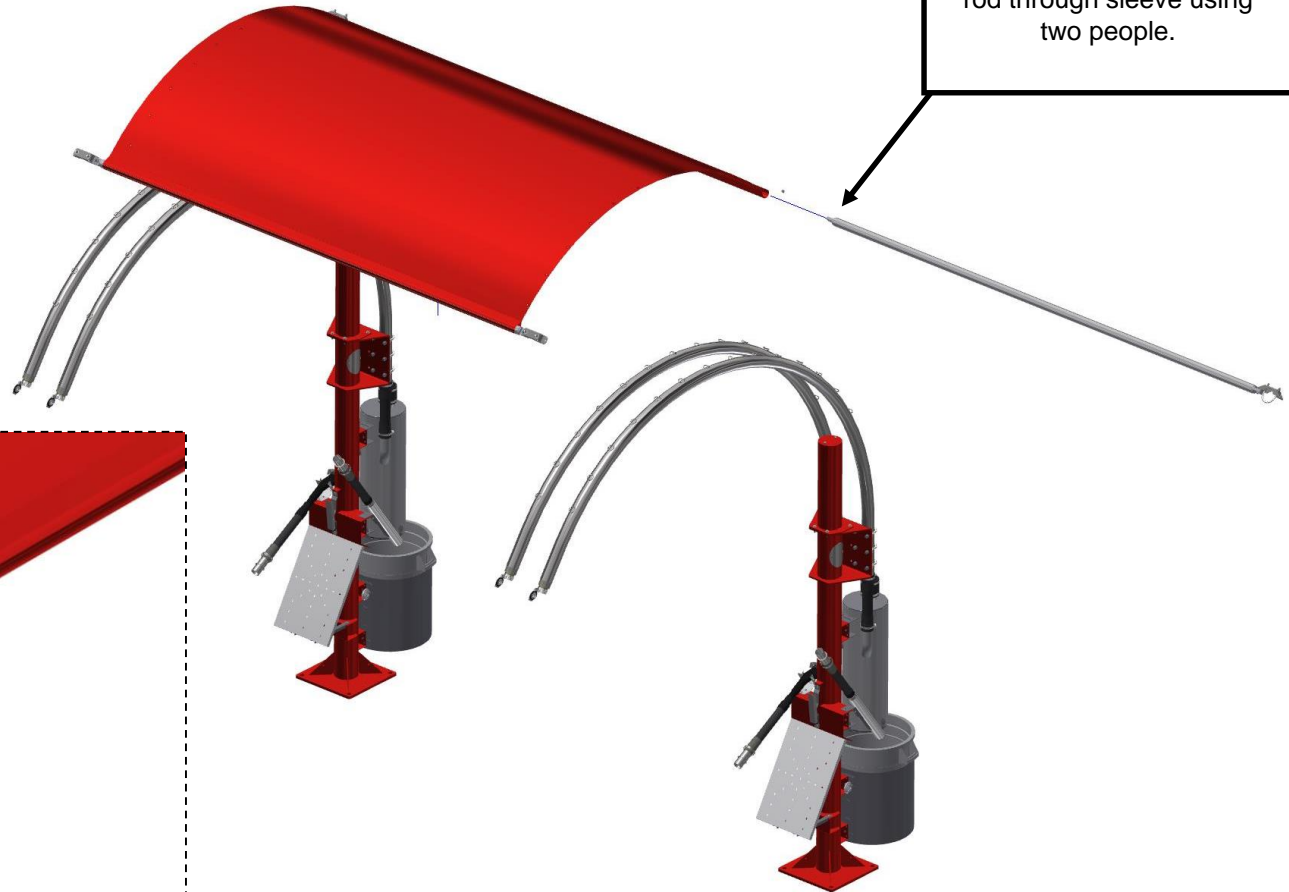
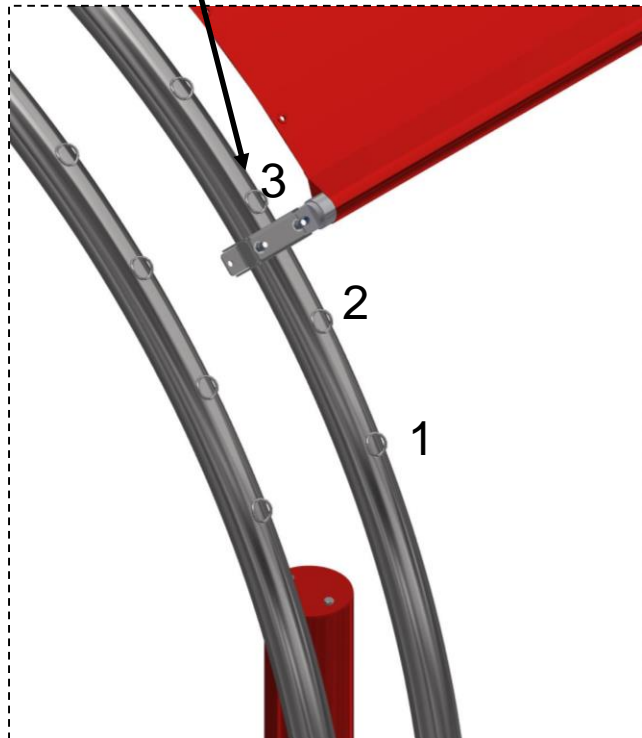
Step 2 – Attach rod ends to each arch using pipe clamps provided. Pipe clamp is located by bumping it up against first lashing ring.

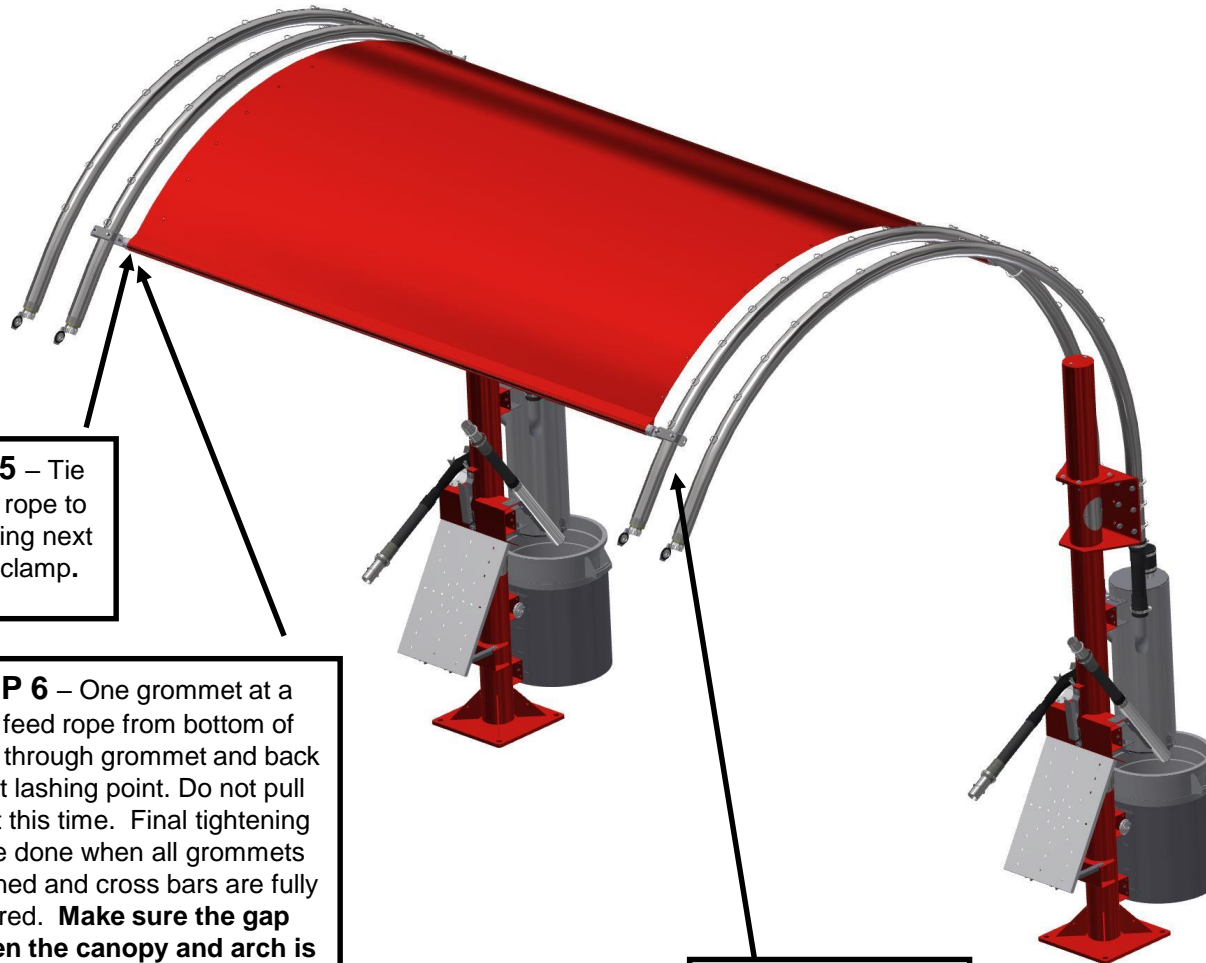
Step 1 – Thread single rod through sleeve using two people.



Step 4 – Attach rod ends to each arch using pipe clamps provided. Pipe clamp to be located down $\frac{3}{4}$ " from edge of 3rd lashing point up from stanchion

Step 3 – Thread single rod through sleeve using two people.

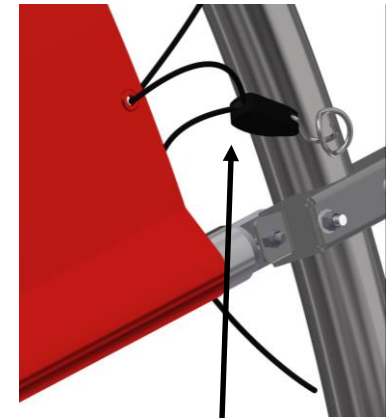




STEP 5 – Tie Lashing rope to lashing ring next to pipe clamp.

STEP 6 – One grommet at a time, feed rope from bottom of canopy through grommet and back to next lashing point. Do not pull tight at this time. Final tightening can be done when all grommets are lashed and cross bars are fully secured. **Make sure the gap between the canopy and arch is consistent on each canopy end**

STEP 8 – Repeat steps 5, 6, and 7 on 2nd side.



STEP 7 – After last grommet install rope ratchet, and hook to next lashing point. Ratchet is used to help when tensioning rope. Final tightening can be done when all grommets are lashed and cross bars are fully secured.

NOTE: After step 10 most, but not all wrinkles will be eliminated from the fabric. The sun will also help eliminate wrinkles over time.

STEP 10 –Loosen pipe clamp on 1 side and pull down to remove wrinkles in canopy. Then tighten the pipe clamp again.

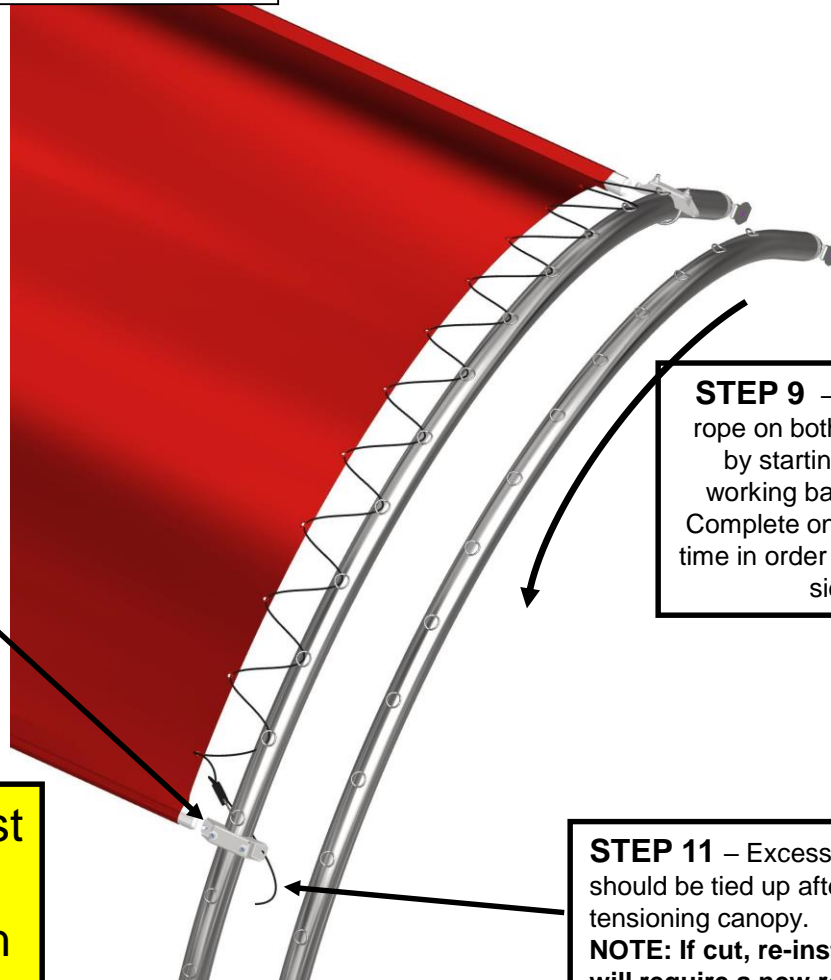
Repeat on other side to finish installation.

NOTE: some wrinkles will come out with sun exposure.

Warning! Canopies must be removed during inclement weather. High winds, snow or ice loads could collapse structure.

STEP 9 – After installing lashing rope on both sides, tension canopy by starting at the tied end and working back to the rope ratchet. Complete on both sides at the same time in order to maintain gap on each side of canopy.

STEP 11 – Excess rope should be tied up after tensioning canopy.
NOTE: If cut, re-installation will require a new rope.

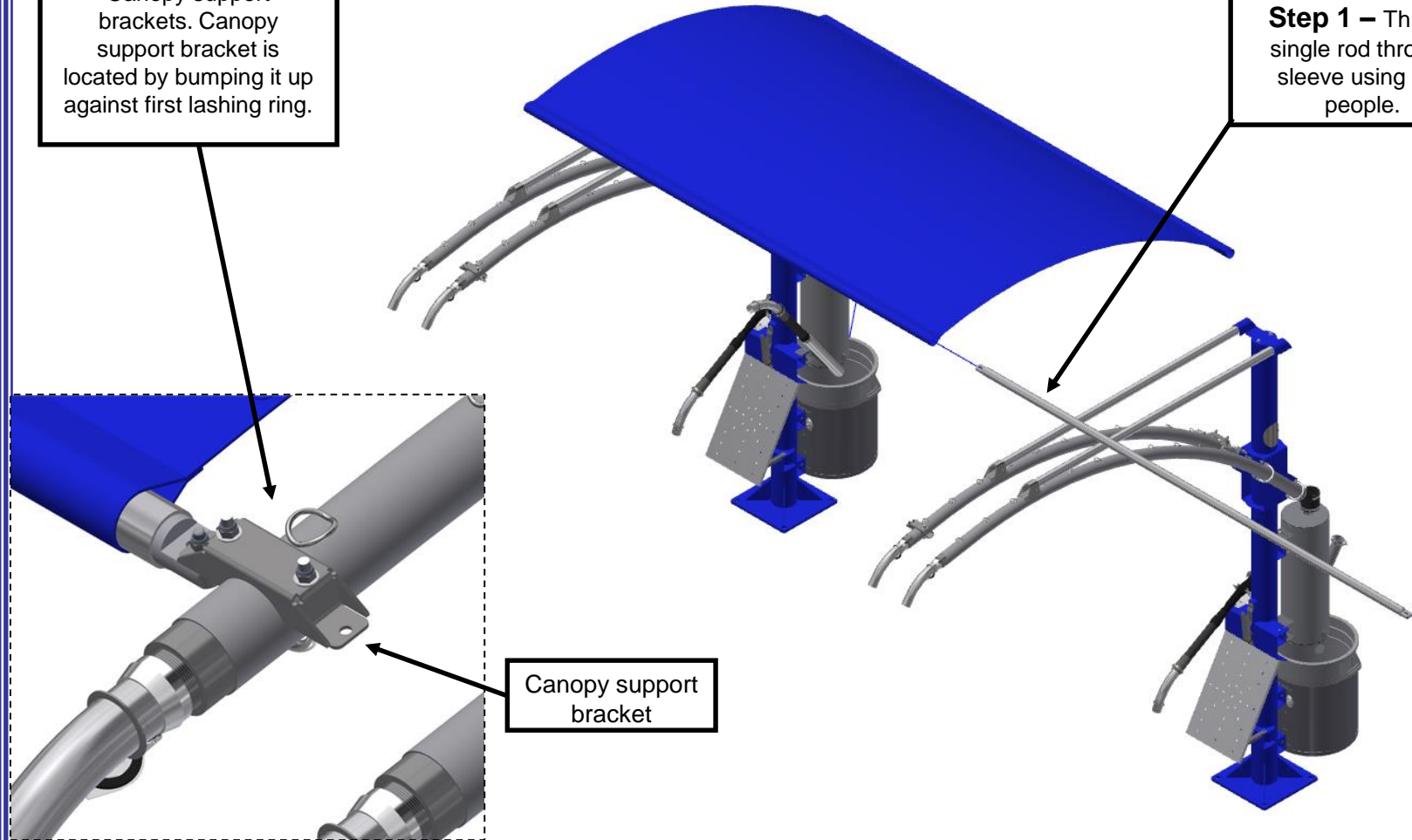


36000 SERIES Canopy Installation – USE 2 PEOPLE!

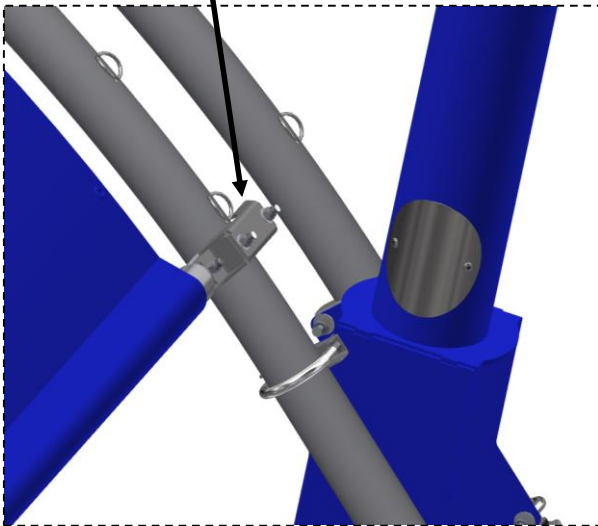


Step 2 – Attach rod ends to each arch using Canopy support brackets. Canopy support bracket is located by bumping it up against first lashing ring.

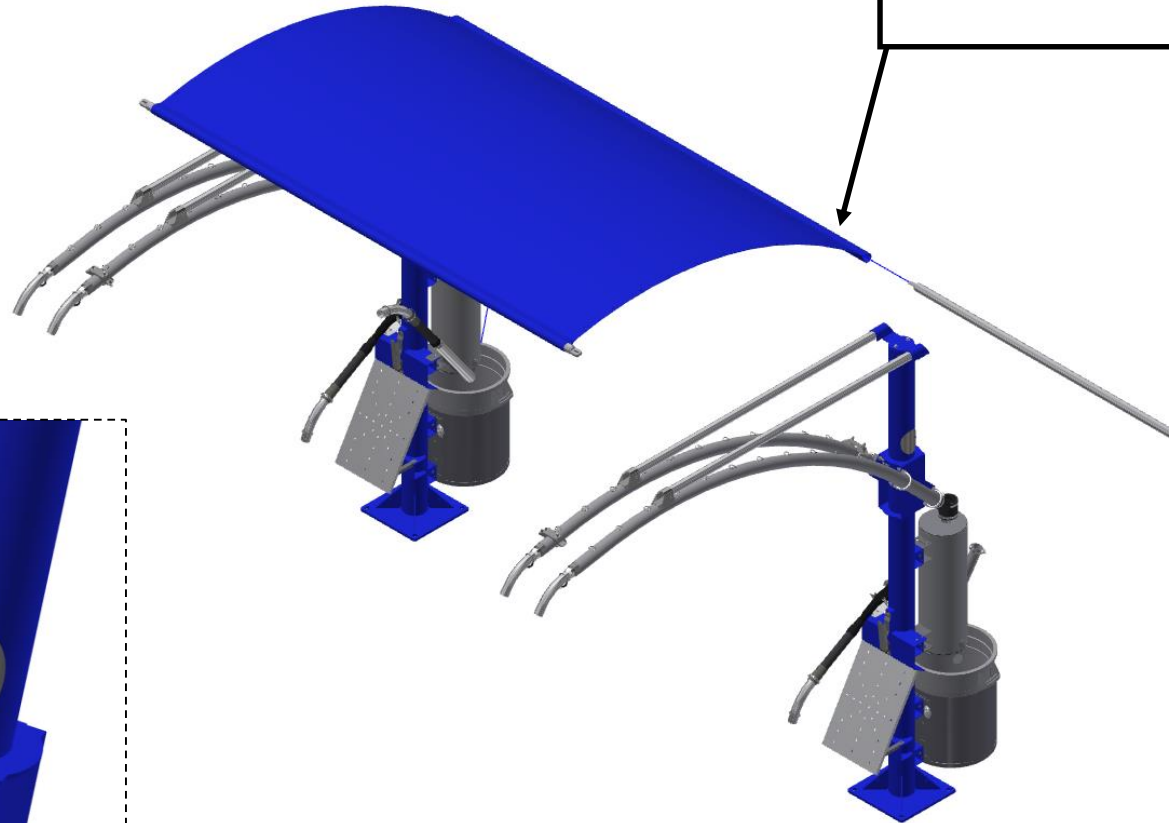
Step 1 – Thread single rod through sleeve using two people.

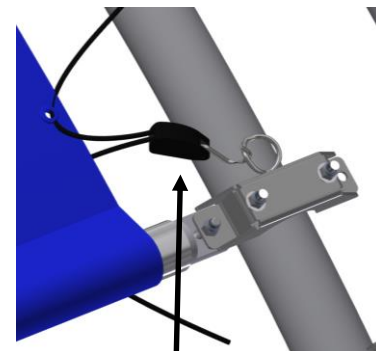
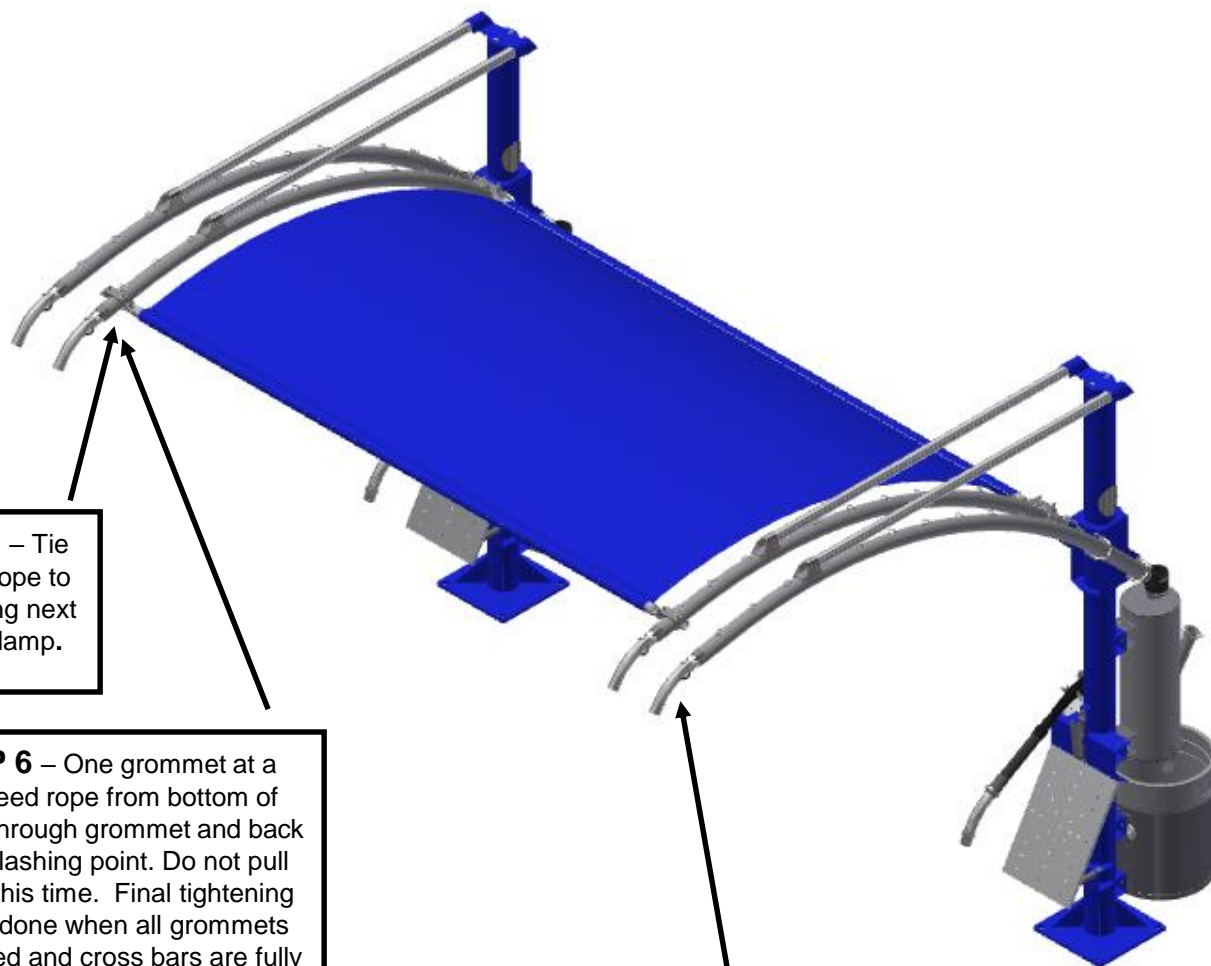


Step 4 – Attach rod ends to each arch using Canopy support brackets. Canopy support bracket is located by bumping it up against Last lashing ring.



Step 3 – Thread single rod through sleeve using two people.





STEP 5 – Tie Lashing rope to lashing ring next to pipe clamp.

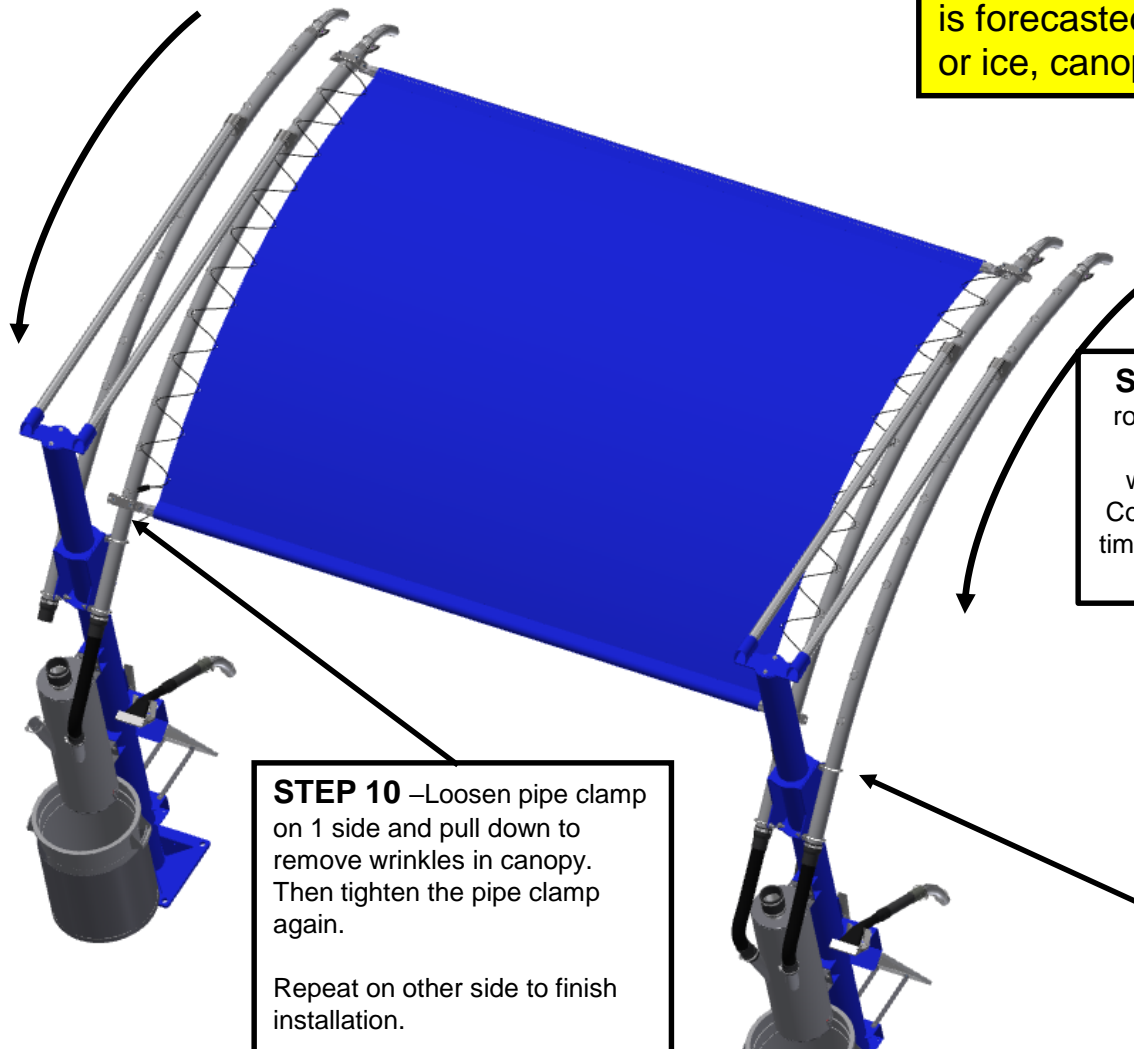
STEP 6 – One grommet at a time, feed rope from bottom of canopy through grommet and back to next lashing point. Do not pull tight at this time. Final tightening can be done when all grommets are lashed and cross bars are fully secured. **Make sure the gap between the canopy and arch is consistent on each canopy end**

STEP 7 – After last grommet install rope ratchet, and hook to next lashing point. Ratchet is used to help when tensioning rope. Final tightening can be done when all grommets are lashed and cross bars are fully secured.

STEP 8 – Repeat steps 5, 6, and 7 on 2nd side.

NOTE: After step 10 most, but not all wrinkles will be eliminated from the fabric. The sun will help eliminate wrinkles over time.

Warning! Canopies are designed to withstand wind but if severe weather is forecasted, high winds, heavy snow or ice, canopies should be removed.



STEP 9 – After installing lashing rope on both sides, tension canopy by starting at the tied end and working back to the rope ratchet. Complete on both sides at the same time in order to maintain gap on each side of canopy.

STEP 10 – Loosen pipe clamp on 1 side and pull down to remove wrinkles in canopy. Then tighten the pipe clamp again.

Repeat on other side to finish installation.

NOTE: some wrinkles will come out with sun exposure.

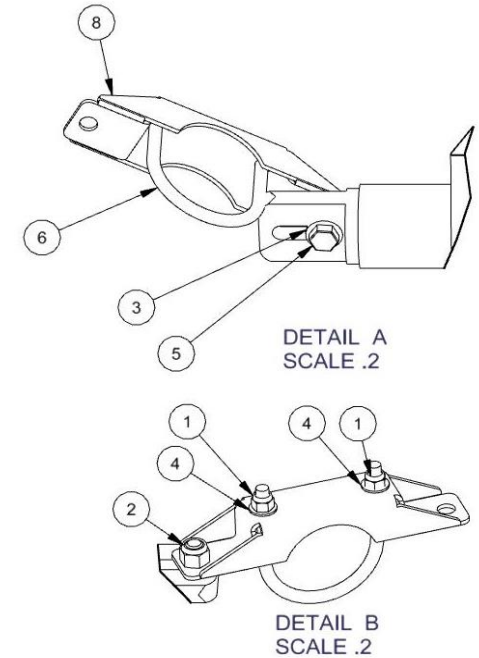
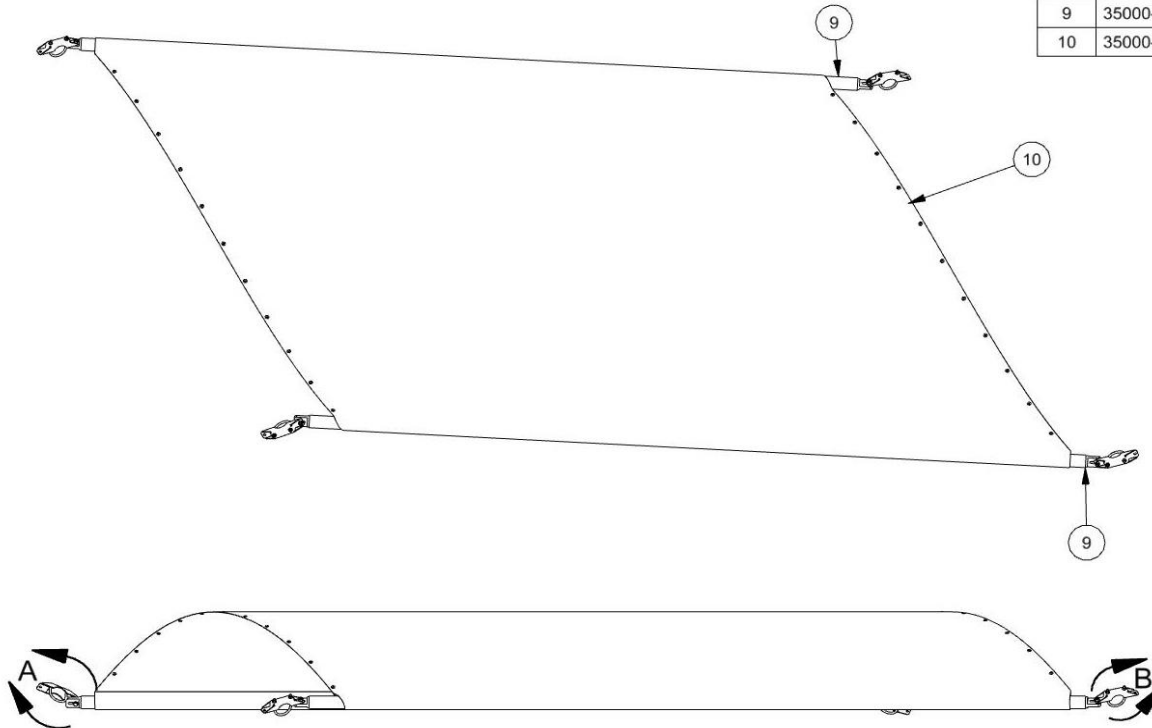
STEP 11 – Excess rope should be tied up after tensioning canopy.
NOTE: If cut, re-installation will require a new rope.

Maintenance:


- Nuts and bolts on structure should be checked once a month or as needed.
- Fabric canopies should be taken down before severe weather situations.
- Powder coated parts will eventually wear over time. JE Adams offers touch up paint to keep your parts looking great.
- Stainless steel parts should be wiped/ cleaned as needed.
- Rope lashing shall be inspect monthly for loosening and for excessive wear. PN 35000-149-8 should be ordered from JE Adams if replacements are required.

PART NO 35000-ACA_							
* Suffix Part # List							
Top Level Part	Item #	PART #	CHERRY RED	AQUATIC BLUE	YELLOW	GREEN	CUSTOM
35000-ACA_			R	B	Y	G	CU
	10	35000-749-RL-	R	B	Y	G	CU

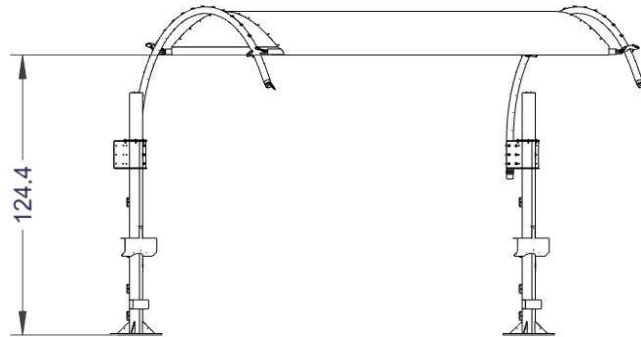
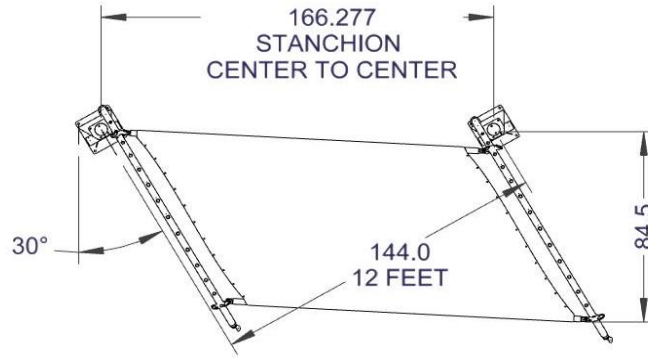
CANOPY FOR 35000 or 36000 SERIES STANCHION ASSEMBLIES, 30° ANGLE PARKING AND 12FT WIDE PARKING SPACE. THIS CONFIGURATION IS CONSIDERED RIGHT SIDE ANGLE PARKING, SEAM IS DOWN IN THIS ORIENTATION. FOR LEFT SIDE ANGLE PARKING EDGE SEAMS WOULD BE UP. SEE PAGE 2 FOR DETAILS



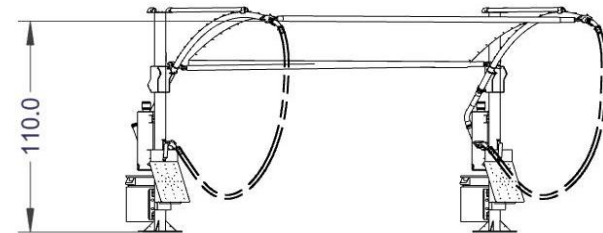
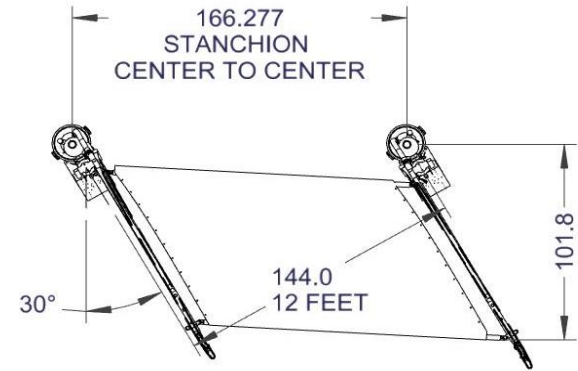
BILL OF MATERIALS			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	5603D3	NUT, 3/8-16 Nylock, SS	8
2	5603D4	1/2 Std NC Nylock Nut	4
3	5606D25	1/2 SAE WASHER, SS	4
4	5606D31	WASHER, FLAT 3/8" SAE, SS	8
5	5646D8	BOLT, 1/2-13 X 1.5", HH, HD, SS	4
6	5733D34	U-BOLT, 3"ID X 3/8" X 4.75"L SS	4
7	35000-149-8	3/16" ROPE RACHET W/S-HOOK & ROPE	2
8	35000-349-6W	WLDMNT, XL BKT, 2.5" ARCH TO CANOPY ROD	4
9	35000-349W-1	XL CV CANOPY CROSS BAR WELDMENT	2
10	35000-749-RL-_	ACA CANOPY, ROPE LASHING, 35k/36k	1

TITLE						CANOPY ASY 30DEG, 12FT ANGLE PARKING							
B	8978	REDESIGNED KIT FOR ROPE LASHING CANOPY				10/2/23	BJL	UNSPECIFIED TOLERANCES		MATERIAL		CEDAR RAPIDS, IOWA	
A	8902	ADDED 8083-25 ZIP TIES				7/25/22	MWS	DRAWN BY MWS					
-	8772	RELEASED				8/11/21	MWS	DATE 5/28/2021					
REV	NO.	DESCRIPTION				DATE	BY	SCALE .03				SHEET 1 / 2	
THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES													
J.E. ADAMS INDUSTRIES, LTD.													
35000-ACA- _													
REV. B													

CANOPY DESIGNED FOR 12 FT WIDE
PARKING SPACE ON 30 DEGREE ANGLE



35000 SERIES



36000 SERIES

REV	NO.	DESCRIPTION	DATE	BY	TITLE	MATERIAL	UNSPECIFIED TOLERANCES	SCALE	SHEET	PART NO.	REV.
					CANOPY ASY 30DEG, 12FT ANGLE PARKING	CEDAR RAPIDS, IOWA				35000-ACA-_-	B
							1 PL ± .030	.03	2 / 2		
							2 PL ± .020				
							3 PL ± .003				
							ANGLE ± 1°				

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION THEREIN BE USED BY OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY J.E. ADAMS INDUSTRIES