



CONTAINER SHELTER ASSEMBLY MANUAL

Model: EMC-C404015

Size: W12m×L12m×H4.5m



Congratulations on your purchase of our instant shelter. This unit is a combination of excellent manufacturing and design. It is comprised of a rigid frame and a durable cover. For easy assembly, we have marked all the parts with codes. With proper installation, use and maintenance, your unit will provide many years of good and suitable service.

READ ALL THE INSTRUCTIONS BEFORE ASSEMBLY !

1. The proper erection and installation of this building requires a high level of care and safety. We recommend the safety regulations be complied with during the installation. It includes but is not limited to:
 - Safety hats, protective eyewear and protective clothing
 - Safety harnesses for all elevated workers
 - Proper ladder, cage, and safety operation
2. Site selection: Choose a solid level location for your building. Do not install the building where the ground could not keep the building steady. Do not install the building where the ground could not bear the weight of the building. Do not install the building in soft grass ground or wetland.
3. Be cautious with the surroundings. Keep work area clean. Do not set up it near snow drifts, in slippery places, or in wet location. The cover of the building will protect against normal falling leaves and light debris, however, large, fast or sharp falling items etc. may cause a puncture or tear in the cover material. So, keep the building away from such harmful things. Be careful with power and heat sources. Don't keep heat sources near the tarpaulin. Don't expose to open flame.
4. Chose a windless day to install the building. It is very difficult to attach the cover in heavy wind.
5. All snow accumulation on the main cover should be removed as soon as possible. Otherwise, when old snow on the roof becomes hard with new snow falling in, it will increase the burden of the roof badly and will damage the roof.
6. Try to keep the building, especially its base, in a dry condition. This will help the building to have a longer life than keeping it in a wet conditions.
7. The user should be responsible for the parts missing or damage occurred during the installation.
8. Don't make alteration of the frame. Don't hang anything besides included parts to the frame. Damages, consequential damages, or injuries caused by improper installation, alteration, improper use, or damages caused by snow, wind, or any acts of nature are owing to the user. The building is not intended for occupancy for any length of time.

ASSEMBLY PROCEDURE

1. Prepare location and place all unit boxes near location sight. Perform an inventory check before beginning, to be certain all components are available for installation.
2. Secure base plates flanges to base surface.
3. Assemble every group of arch.
4. Begin frame assembly with front end arch, first interior arch, purlins, etc.
5. Add to assemble other groups of arches.
6. Install main cover over frame.
7. Install end covers over end panels.

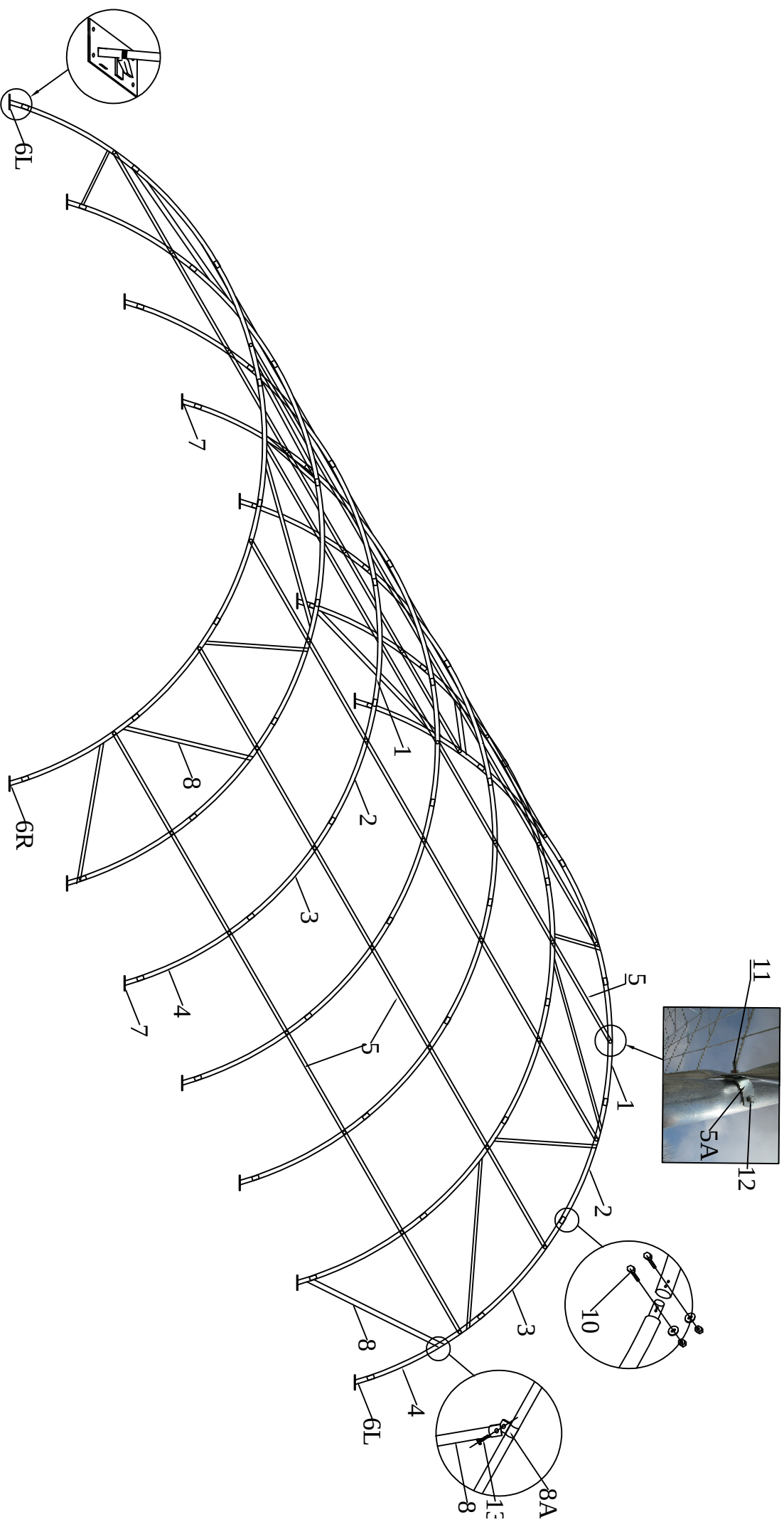
Read all the detailed instructions and notices in the following assembly instructions!

MAINTENANCE AND CARE

1. If some parts or the cover were accidentally damaged during the use, contact the local supplier for advises on the repairing method or replacements, so that to prevent from further damage and keep the building in a good condition.
2. When replacing the parts, make certain the whole frame and the parts connected to the replaced parts be well fixed or supported.
3. Same with when attaching the cover, choose a windless day to replace the cover. Begin with making certain all the bolts of the frame and the tensioning equipments be well fixed. When taking off the cover, make sure the related ropes, etc. be taken off, and the cover will not be blocked during the way. Avoid taking off the cover with heavy big power equipments.
4. For the building with mechanical door. Keep the door closed if it is not used for long time. This helps the mechanical door to have a longer life.
5. To enlongate the life of the cover, put small duct tape or foam rubber (provide it by yourself) on the frame that comes to in contact with cover. The tape and foam rubber acts as a cushion to avoid rubbing damage to the cover over years.
6. Periodically(once in half a year or more often), the building should be completely inspected and maintained internally and externally to make certain the building remains properly installed and secured. Including: check all bolts and hardware connectors to be certain they are in place and tightened, the base plates are still fixed firmly, check and adjust the ropes if in need, clean the cover with suitable washing. Allowing dirt and debris to sit on cover over an extended time will damage cover irreparably.

Thanks again for choosing this quality product. The following is the detailed assembly instructions for you starting the assembly.

Part	Description	Quantity
1	Top roof tube	7
2	upper roof curving tube	14
3	Lower roof curving tube	14
4	Sidewall tube	14
5	Horizontal tube	42
5A	Tube clip for horizontal tube	49
6L	Base flange in left corner	2
6R	Base flange in right corner	2
7	Base flange for left side	10
	Tie down ratchet	14
8	Supporting tube	16
8A	Tube clip for supporting tube	32
9	Tensioning tube for roof cover	12+2
10	Hexagon bolt M10×90	115
11	Carriage boltM10×40	52
	Plastic cap	46
	U type bolt M95×80	28
	Hexagon bolt M10×70	44
12	Hexagon bolt M10×110	52
13	Hexagon bolt M10×30	36
14	Plastic cap	4
15	Roof cover	1
16	Band for tie down ratchet	14
17	Rope for fastening the roof cover, the door cover and the front&back cover	6
18	Tie down ratchet for roof cover	4
19	Anti wear pad	42

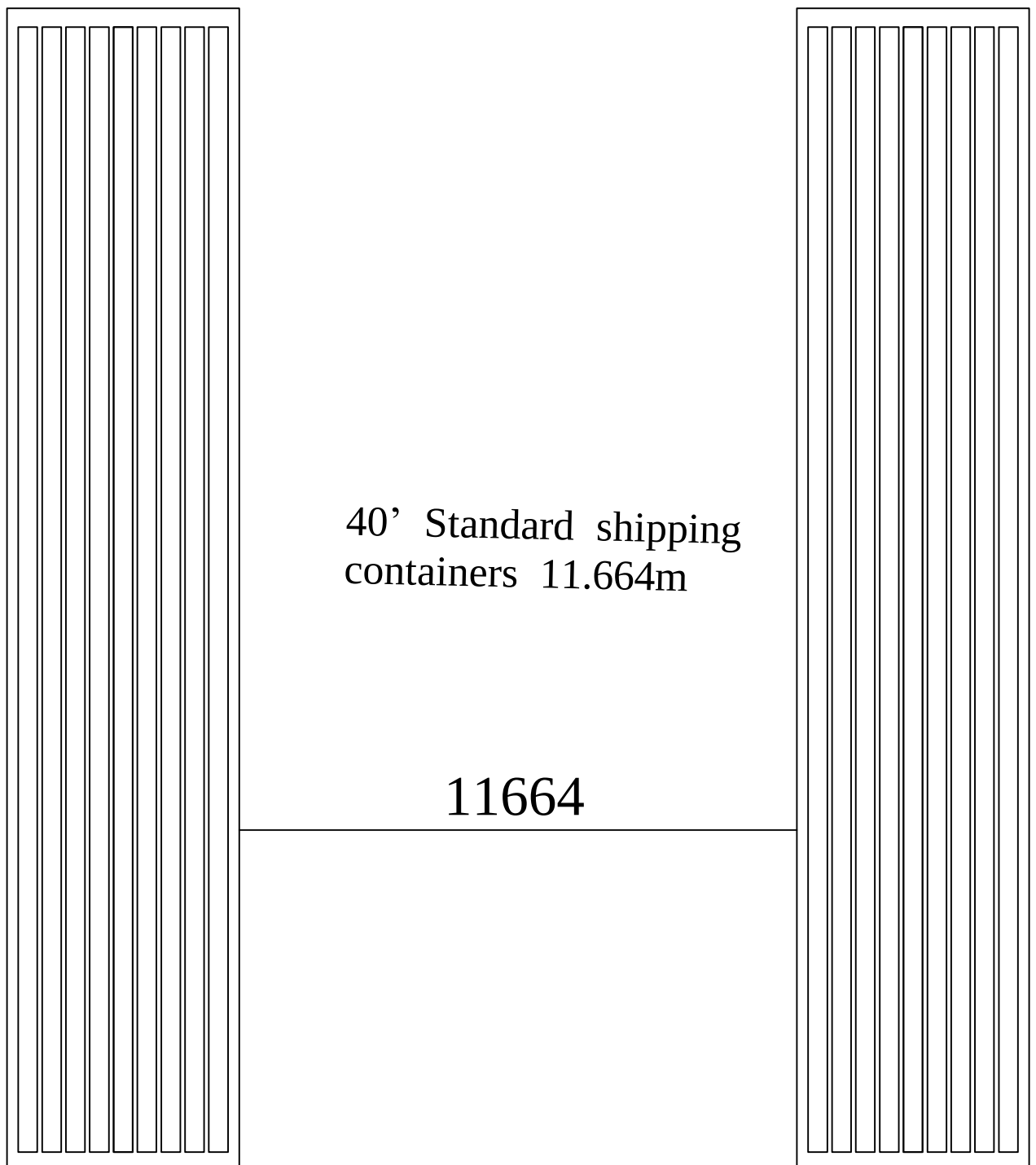


40' Container Shelter
L12*W12*H4.5m

STEP 1

Container Positioning

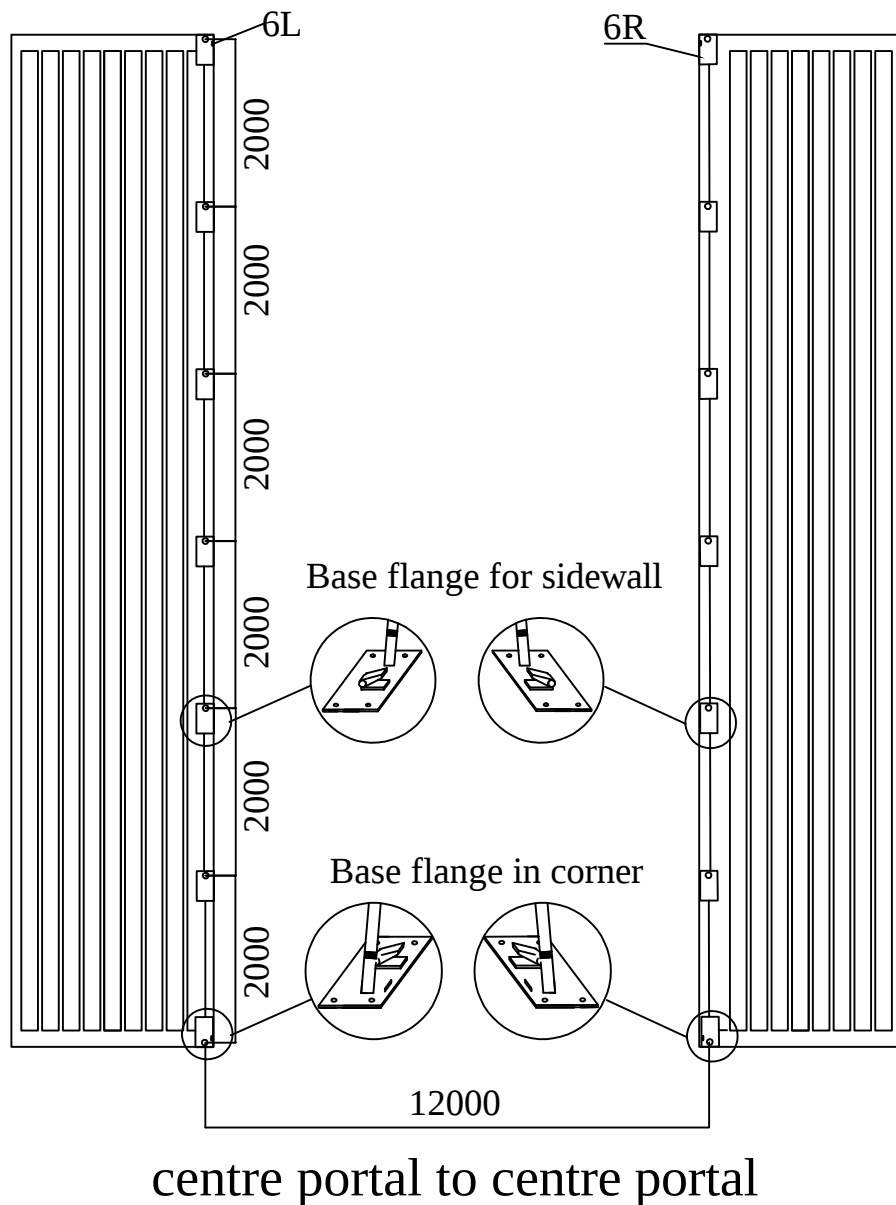
1. Ensure the site is level and firm.
2. Place the containers 11.664m apart.



STEP 2

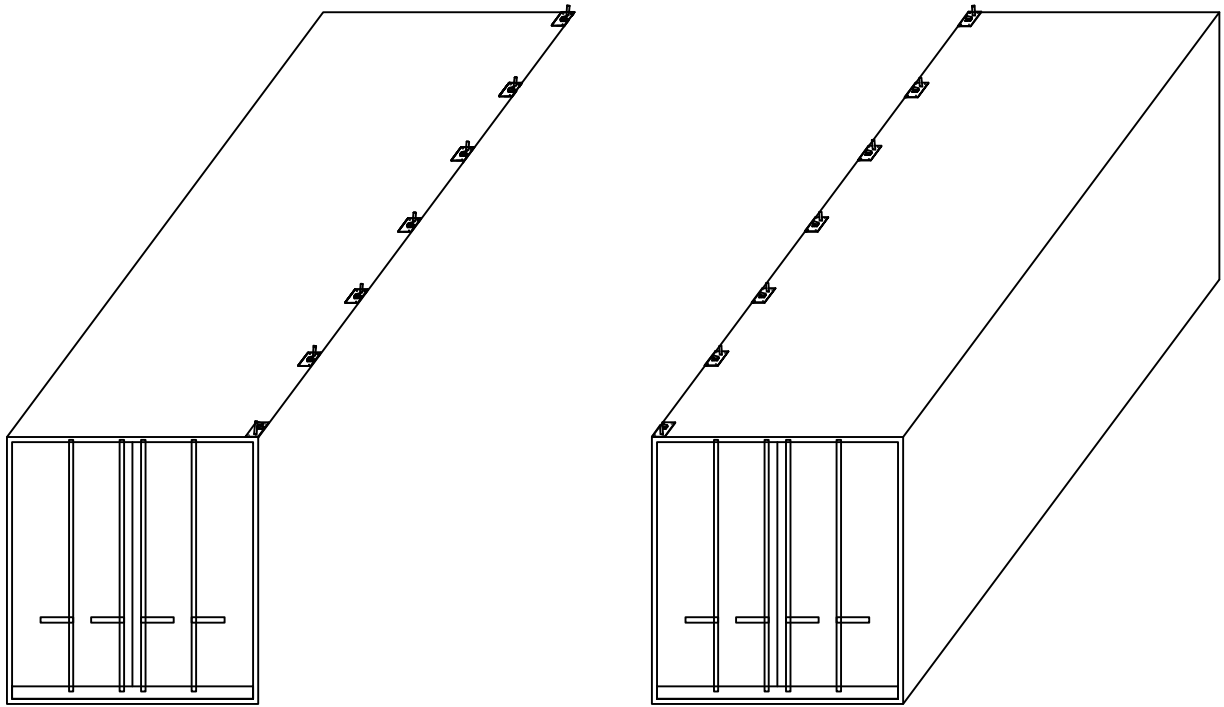
BASE PLATE LATOUT & SECURING

1. Secure base plates to the container tops, ensuring that the centre portal to centre portal measurement is 12m. For 40'L Container shelter, the distance between every two adjoining spigots at each side is 2.0m.
2. Weld the Base Plates to the container tops (the welding can through the 4 holes on each base plate).



NOTE:

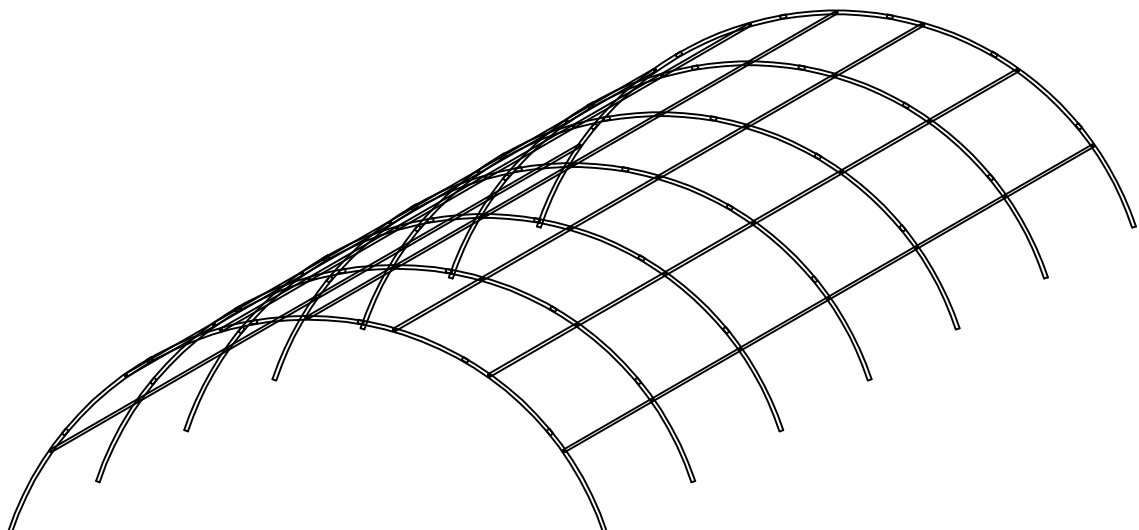
When installing, anchor the base plates to the tops of the containers securely first. Do not attempt to assemble the rest of the frame into unsecured base plates.



STEP 3

FRAME ASSEMBLY

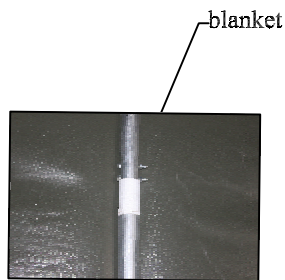
1. Assembly ALL portals on the ground first.
2. Assembly parts #1 & 2 and bolt portal legs together using part #10.



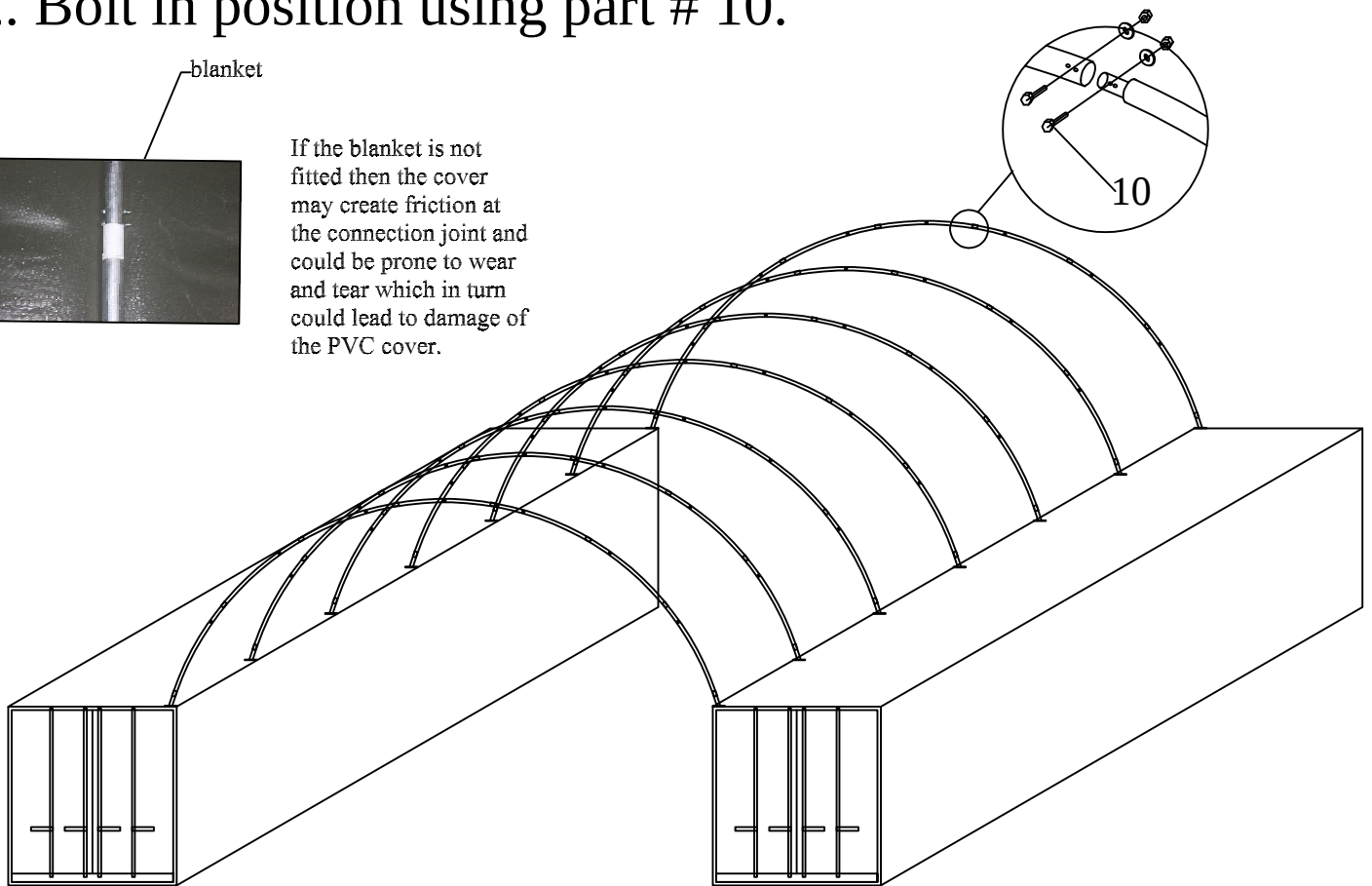
STEP 4

FRAME ASSEMBLY Continued

1. Secure each portal into the spigots of the base plates.
-first secure one side, then ease in the other side to fit onto the spigot of the opposite side.
2. Bolt in position using part # 10.



If the blanket is not fitted then the cover may create friction at the connection joint and could be prone to wear and tear which in turn could lead to damage of the PVC cover.

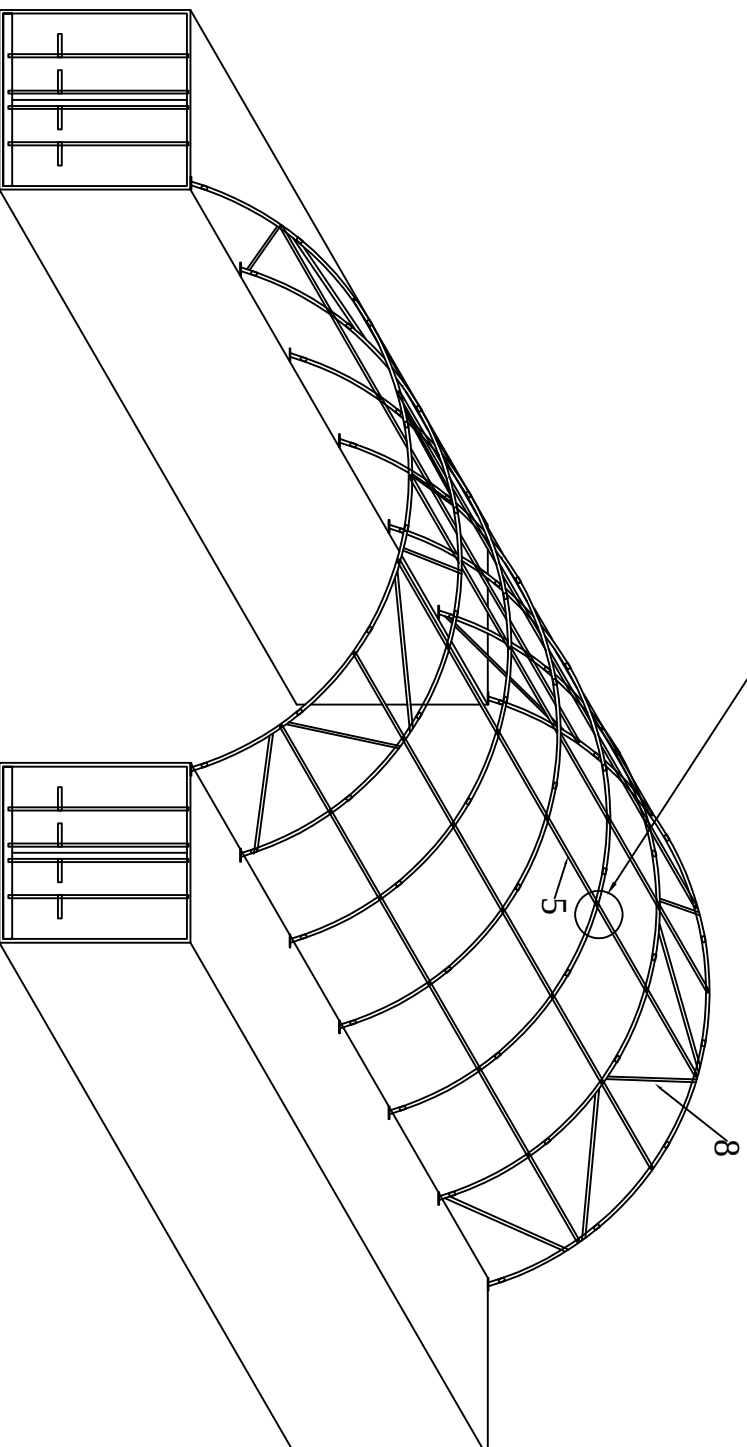
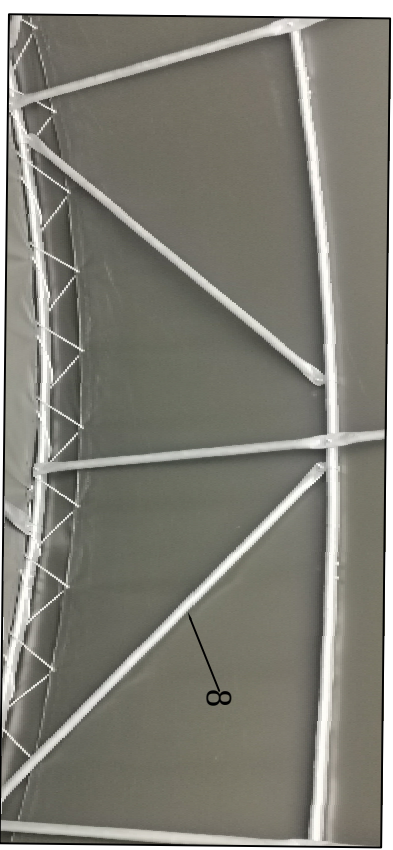
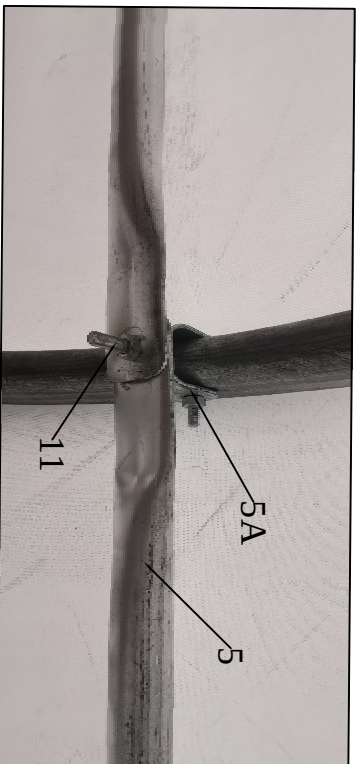


NOTE:

Do not attempt to attempt to assemble the entire frame including the horizontal connections on the ground and lift into place.

STEP 5 - FRAME ASSEMBLY Continued

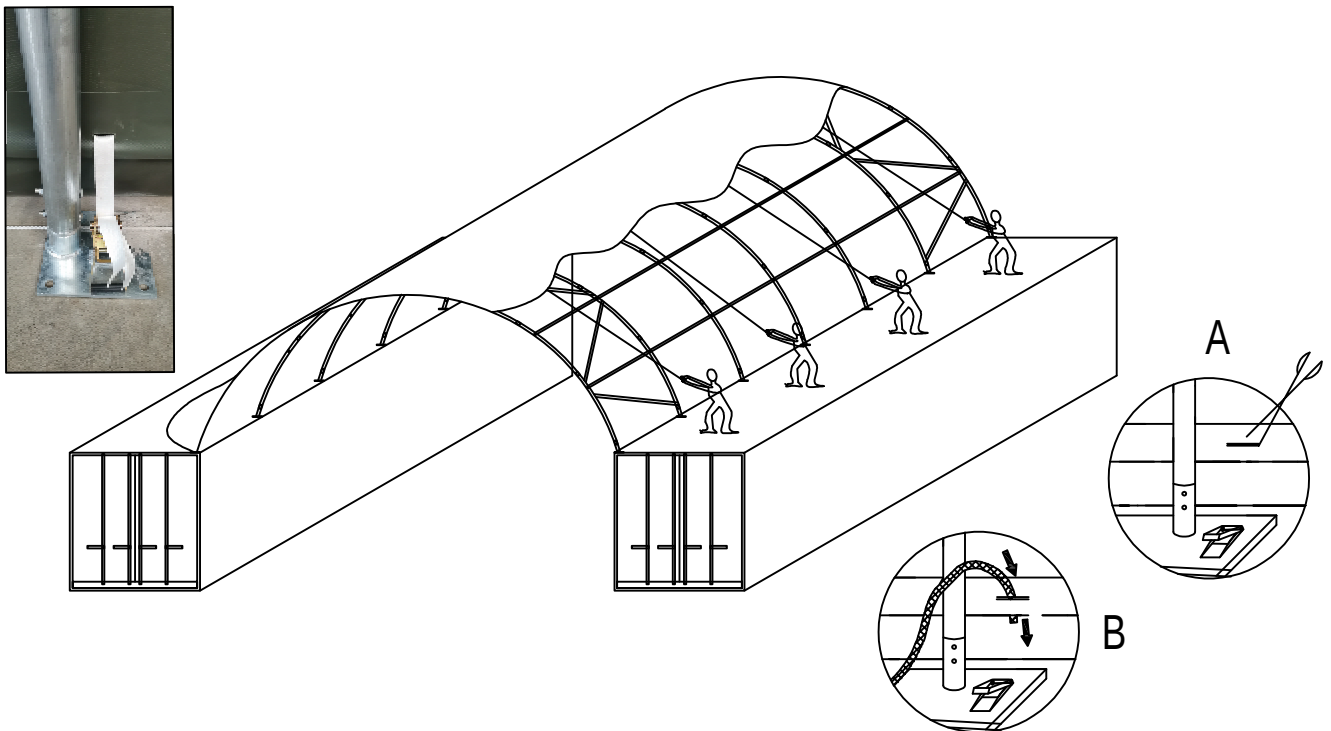
1. Lift the 1st fully constructed arch into place.
2. Bolt arch tube onto base rail using bolt part# 10.
3. Lift, position&bolt 2nd fully constructed arch into position using same method as previous.
4. Attach horizontal tube(part #5) by bolts(part #11) and slanting support tube(part #8) by tube clips(part # 8A) and bolts(part # 13).



STEP 6

COVER INSTALLATION

1. Slide the cover over the frame from one side to the other, not end to end.
2. Tension the ends FIRST by pulling and tensioning the ends of the cover using the nylon rope already threaded through the cover. Tension evenly at both ends and tie off temporarily.
3. Insert lower tensioning tube part #9 into the sleeves of the cover.
4. Push tube to very end of sleeve. Feed tube back into sleeve end (centre the tube in sleeve.)
5. Cut opening for nylon band on sleeves, as drawing A. CAUTION do not cut through cover.
6. Insert nylon band over tube. Feed ends into tie down ratchet as drawing B. Do not fully tension.



NOTE:

Ensure the cover is the right way around and have an even amount of cover overhanging at both ends of the frame. Sleeves are on the underside and are on the sides of the cover only. Then ends of the shelter has nylon tension rope already threaded through as well as eyelets.

STEP7 - COVER INSTALLATION Continued

1. Lace cover to end arches through eyelets then fully tension.
2. Fully tension tie down evenly on each side.
3. Tension the corners of roof cover by the ratchets at 4 .
4. Double check all knots are secure and cover is well tensioned and stretched onto frame.

NOTE: The cover shall always been well tensioned! If there is any damage to the straps and ropes, they should be repaired/replaced ASAP, to prevent any further damage to cover

