



ASSEMBLY MANUAL

TC1212DT
Container Shelter
Double Truss
SIZE: 12mWx12mLx4.5mH



SPECIFICATION

Width: 12m

Length: 12m

Height: 4.5m

IMPORTANT- READ ASSEMBLY MANUAL FIRST

Improper site preparation, Assembly and Maintenance may invalidate warranty and cause unnecessary and costly mistake. If you have any questions, contact your local dealer.

For User Friendly assembly we have identified each individual component with the part code as indicated in the parts list. Please refer to the part code numbers and drawing to ensure problem free assembly.

It's necessary to tighten the roof fabric enough to avoid "hammocks" on the roof and also re-tighten once or twice again after a few months of use. This is important when assembly in cold weather (autumn and winter) because the fabric is stiff then and when we got the sun and warm weather afterwards it will make the fabric "slack" again and need to be re-tighten before next winter.

It's the owner's responsibility to remove snow immediately if it doesn't slide off by itself.

READ ALL INSTRUCTIONS BEFORE ASSEMBLY

1. Keep work area clean. Do not set up near snow drifts, in slippery places, in high winds, or wet location.
2. Keep children away. All children should be kept away from the work area.
3. Don't over reach. Keep proper footing and balance at all times.

4. Be aware of possible windy conditions; fasten the bases in concrete if these conditions are likely to occur. Remove the cover during hurricane.
5. Be careful with power and heat sources. Do not keep heat sources near the tarpaulin. Do not expose to open flame.
6. Be aware of personal safety during assembly and use. Be careful not to pinch fingers with clips and tubes when assembling: when using your shelter make sure there is adequate ventilation for exhaust and other dangerous fumes.

EQUIPEMNT AND TOOLS FOR INSTALIATION

1. Measuring tape
2. String for alignment
3. Step ladder
4. Welder
5. Sledge hammer
6. Wrench
7. Scissors

12 x 12 Double truss Container shelter Part List		
Part Code	Description	Qty
1	Top bent tube	5 group
2	Middle bent tube	10 group
3	Bottom bent tube	10 group
4	Connecting purlin	28
5A	Steel bracing tube	16
5B	Steel bracing tube	16
6	Clip	32
7A	Four corner left base plate(with tie down 2 ratchets on)	2
7B	Four corner right base plate(with tie down 2 ratchets on)	2
7L	Left side base plates	3
7R	Right side base plates	3
8	Ratchet	14 group
9	Large Nylon Strap for ratchet	10 group
10	Lower Tension tube for roof cover	2 group
11	Bolt 8*80mm	80
11A	Bolt 12*30mm	30
12	Bolt M10*80mm	35
12A	Bolt M8*80mm	32
13	Roof cover	1
14	Rope	60m
15	φ32 Plastic Plug	4 group
16	Angle seat	4

INSTALLATION PROCESS

(A) BASE INSTALLATION

Please refer to the diagram (Figure 1) to place the base plates.

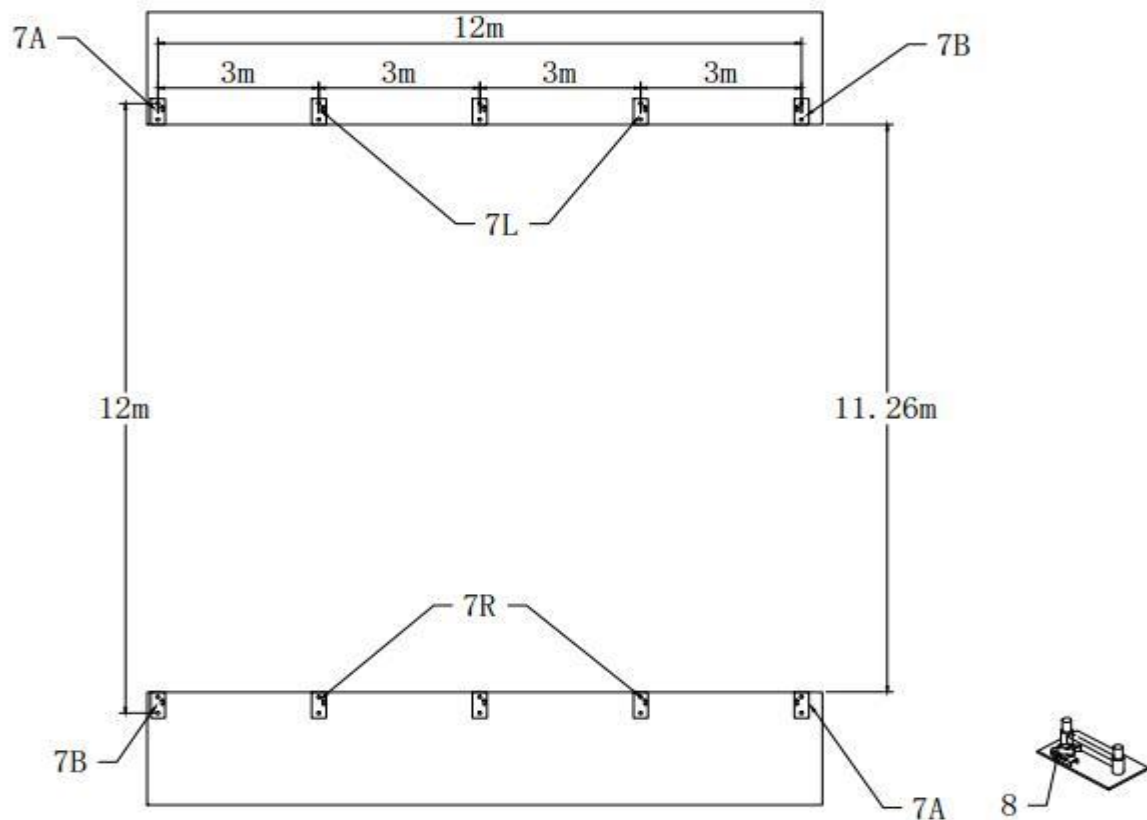


Figure 1

1. The measure if from center to center of the tubes. Referring to the above diagram and confirm the place of the base plates. ENSURE THAT THE FOUNDATIONS IS SQUARE.
2. All the base plates need to use welder to be welded on the Containers.

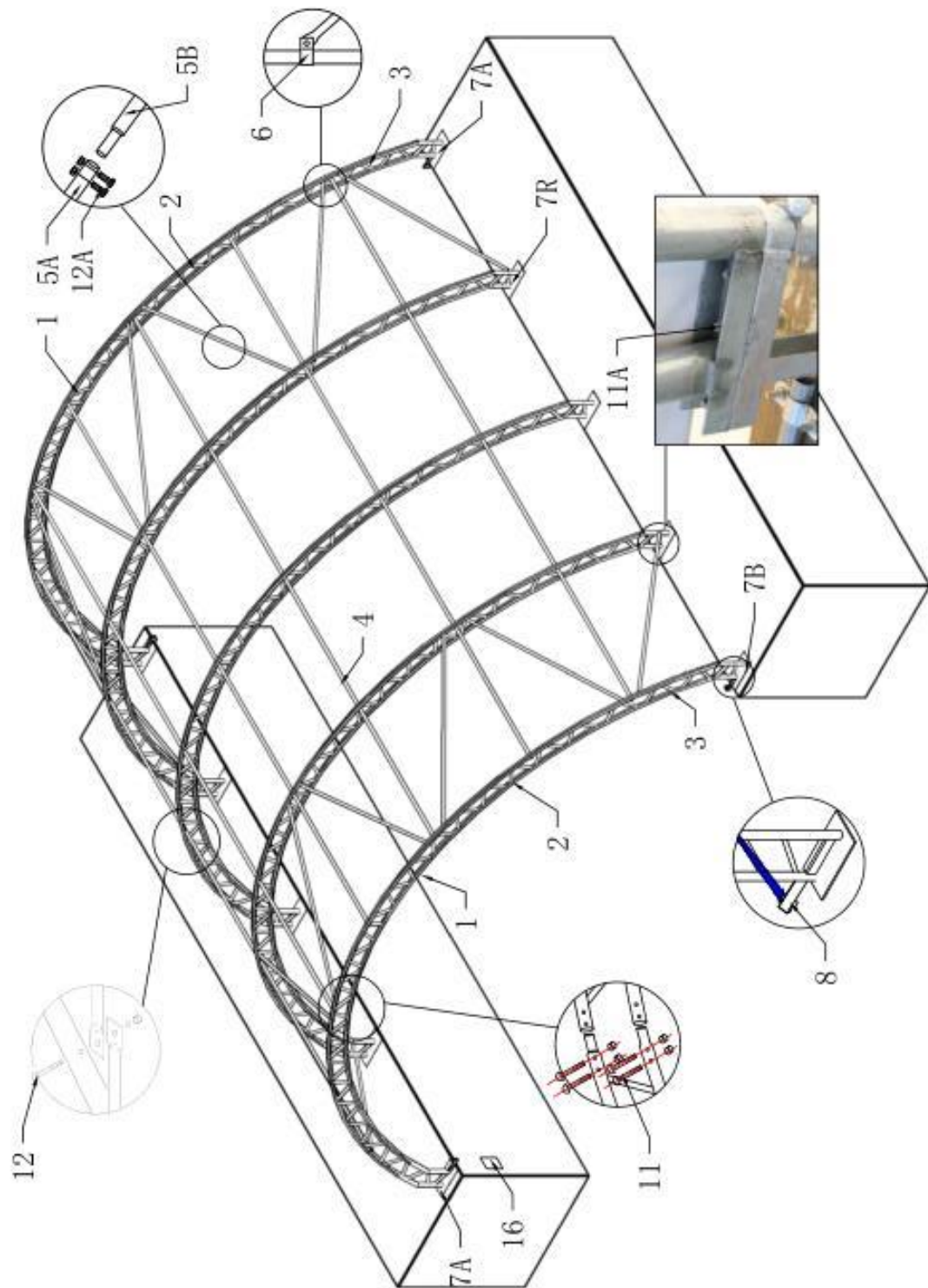


Figure 2: Size: L12 x W12 x H4.5m

(B) FRAME INSTALLATION

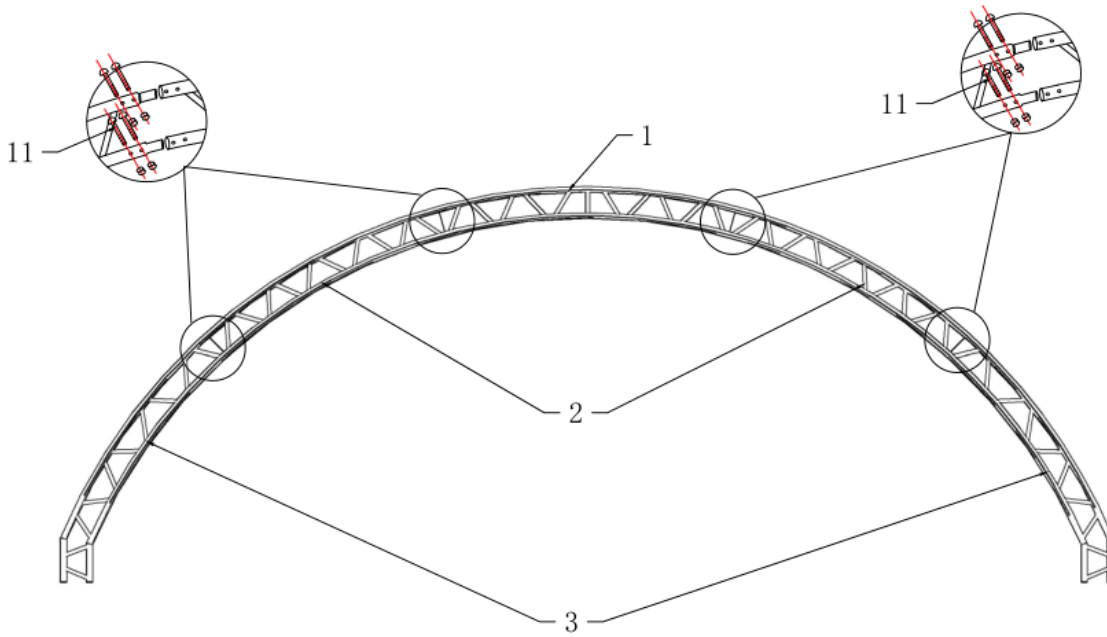


Figure 3

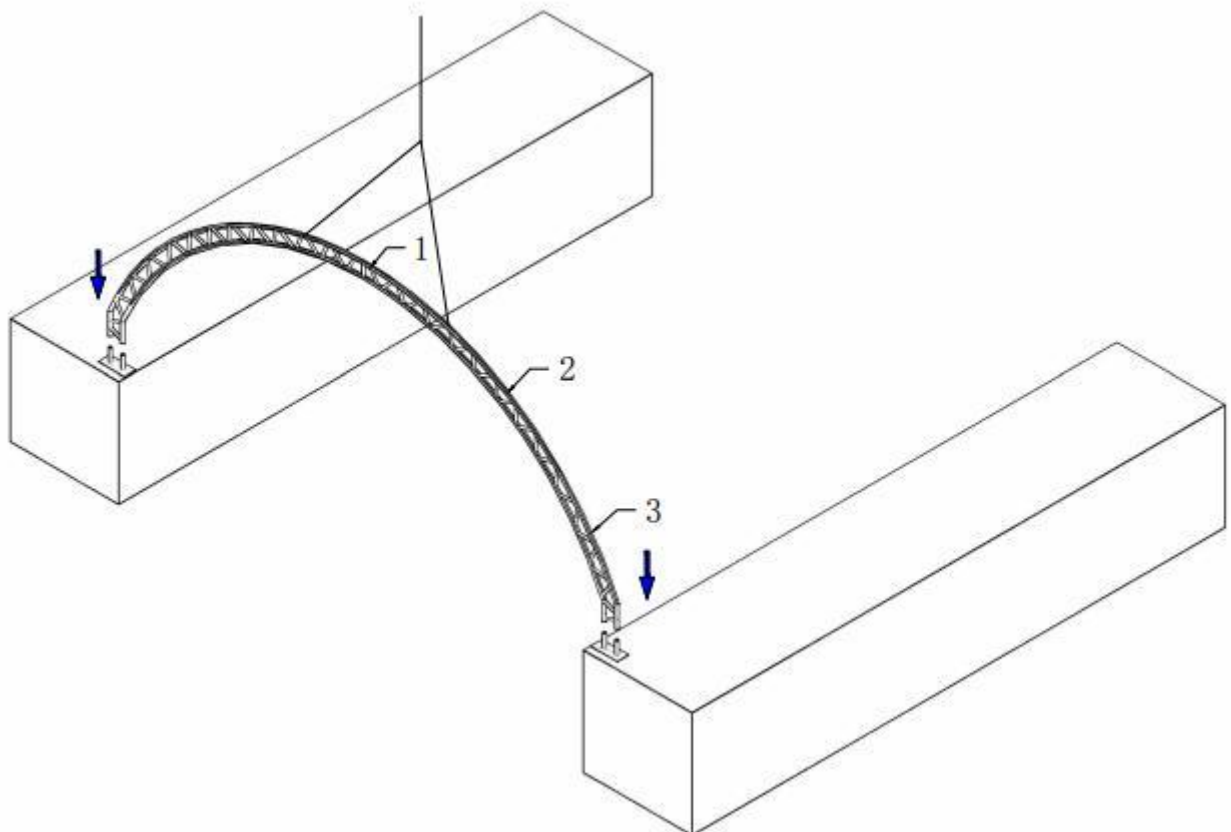


Figure 4

1. As Figure 3 shown to connect Top bent tube, Middle bent tube, Sidewall bent tube by using Bolt 8*80, which makes one group of arches.

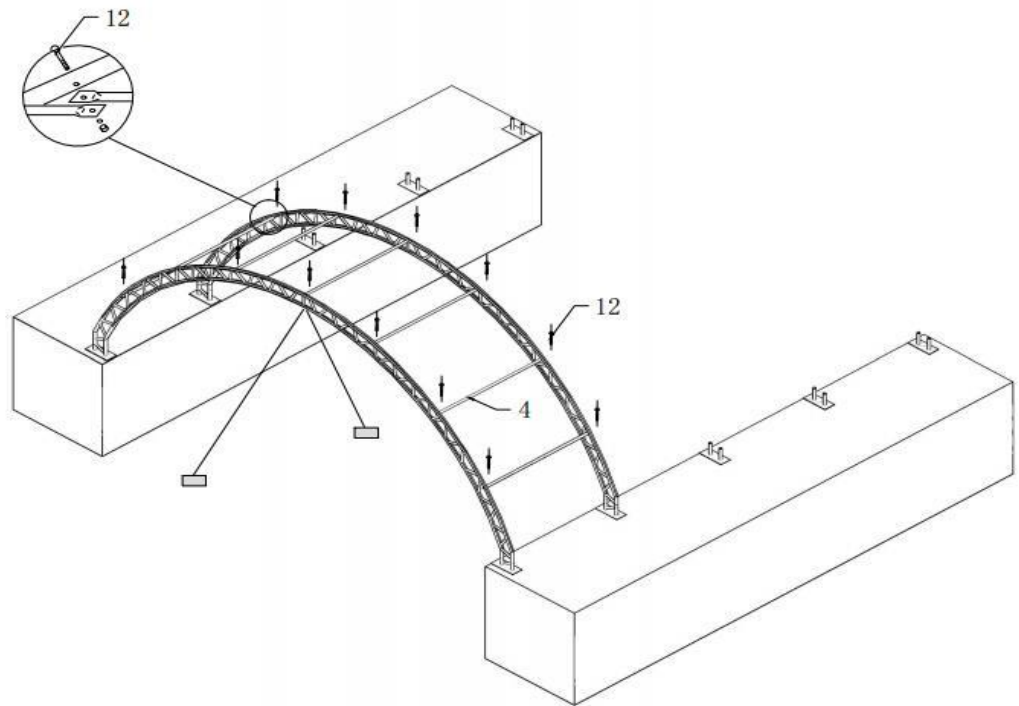
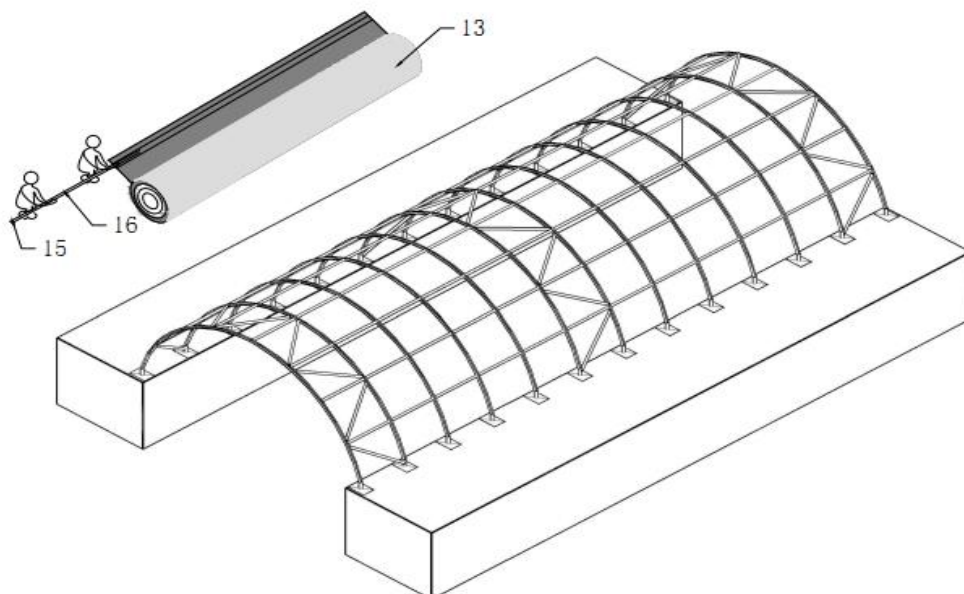


Figure 5

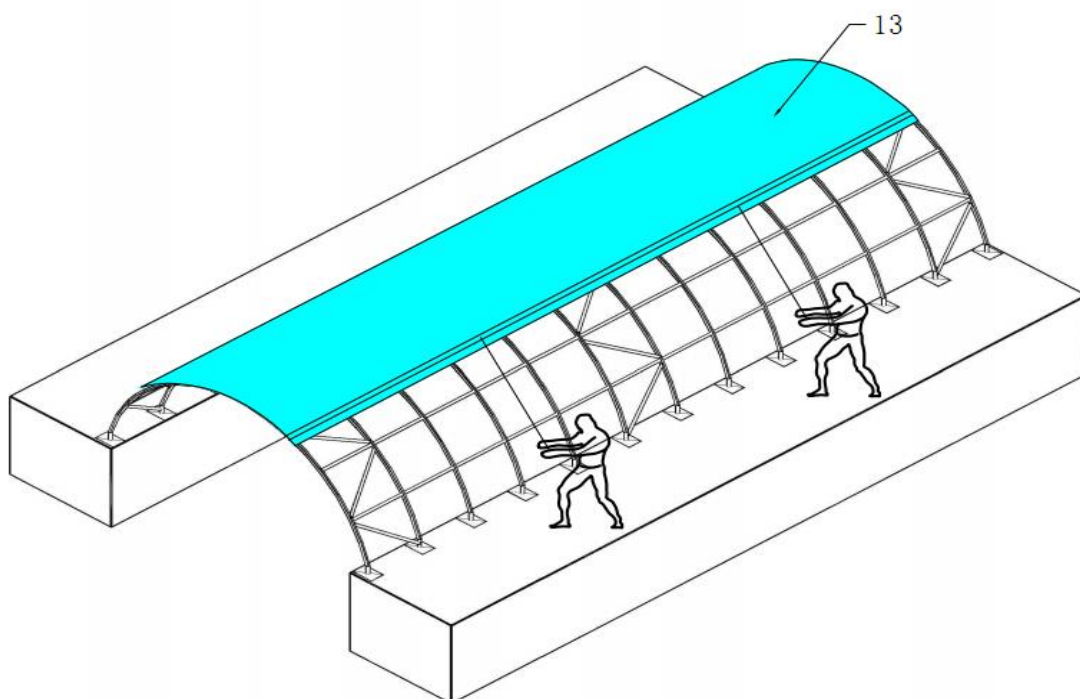
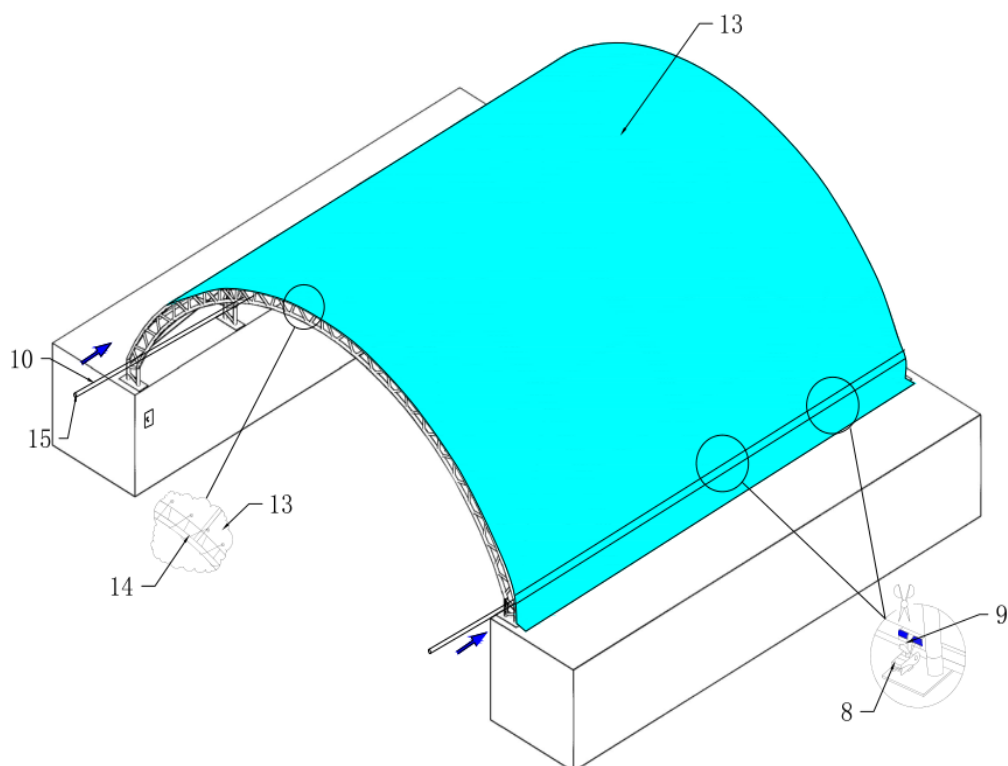
3. After finish installing the first two arches, connect the Connection purlin on them by using Bolt10*80. Then install the third arch into base plate and connect other purlins. Finally install the Steel bracing tube (NO.5a and 5b) as per Figure 2 using Bolt M8*80 mm (12a)

(C) ROOF COVER INSTALLATION

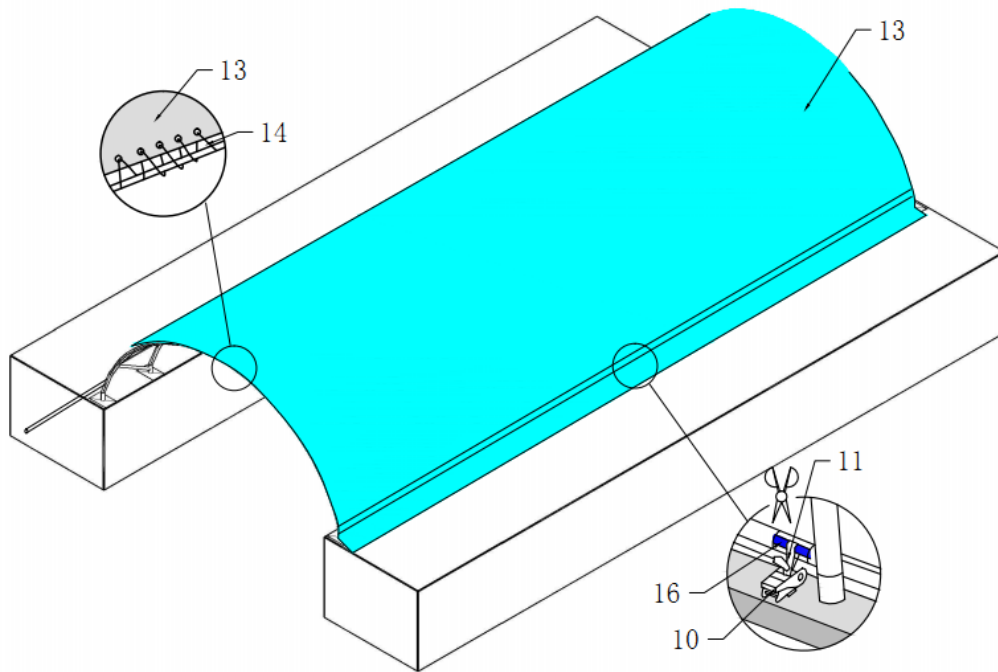
NOTE: DO NOT install the cover onto the frame of your building in high wind conditions. A slight breeze is the most advantageous for cover installation. To take advantage of the breeze, pull the cover up over the arches with the breeze blowing in the cover like a sail filled with air.



Before assembly the roof cover, please inserts the tensioning tube (No.16) into the pockets on end of the roof cover. And also put on the plastic plug(No.15).



1. Put the Roof Cover (NO. 13) EVENLY, CARRFULLR AND SLOWLY on the frame. Adjust the cover so that it is square and evenly centered on the frame.



NOTE: DO NOT LEAVE THE ROOF COVER UNATTACHED UNDER ANY CIRCUMSTANCES until the final assembly and tightening has been completed. The process is quite easy. But some tightening adjustments will be necessary to produce a flat, tensioned roof cover. Please adjust the roof cover every month.