

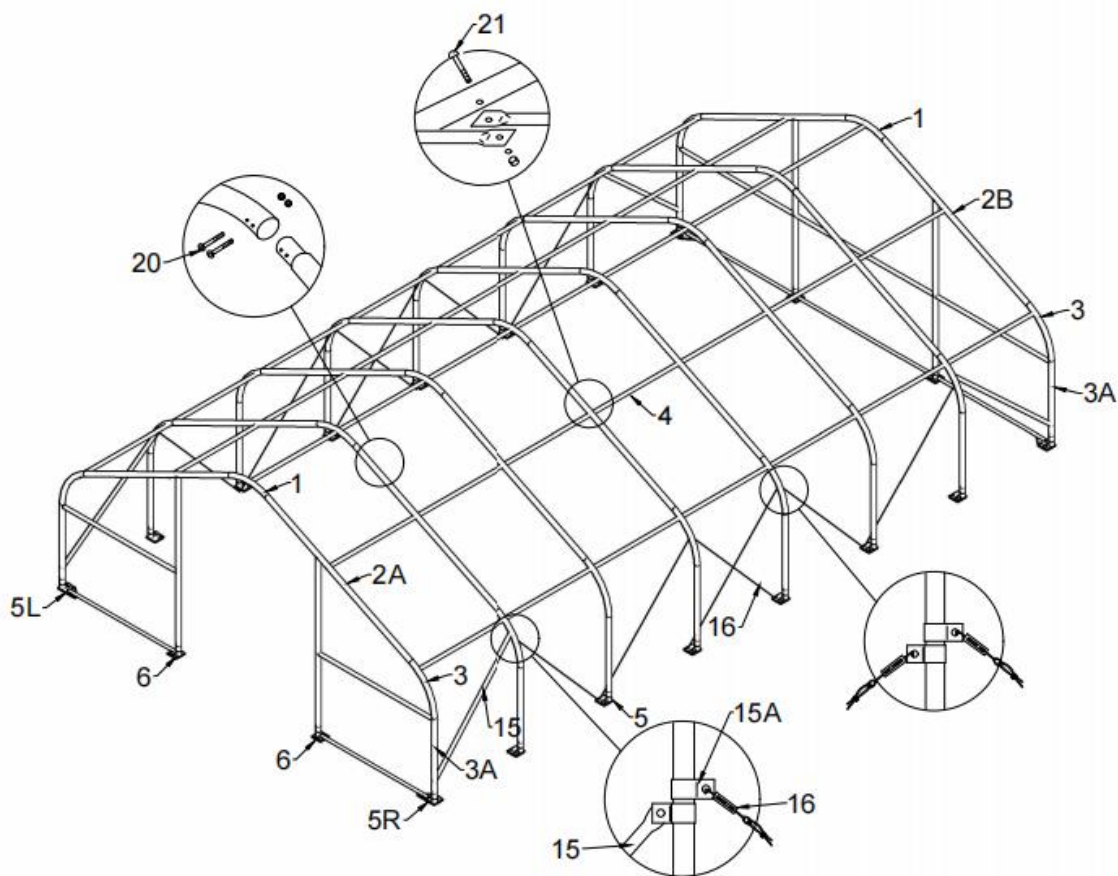
SHELTER

ASSEMBLY MANUAL

Model # 30-15P / W9m x L15m x H4.5m

Front rope pull up door

Back closed



30-15P Spare part list		
Part code	Description	QTY
1	Roof bent tube	8
2	Middle bent tube	12
2A	Middle bent tube for front door	2
2B	Middle bent tube for back door	2
3	Lower bent tube	16
3A	Bottom standing legs	16
4	Purlin	35
5L	Base plate at left	2
5R	Base plate at right	2
5	Base plate at middle for arches	12
6	Base plate for front door	2
6A	Base plate for back endwall	2
6B	Flat base plates with rear screen burning screws	1
7	Ratchet tie down	16
7A	Belt	16
8	Bottom standing leg for front door	2
8A	Upper standing leg for front door	2
9	Side horizontal tube for front door	2
10	Pulley for front door	1 Sets
11	Bottom standing leg for endwall	2
11A	Upper standing leg for endwall	2
12	Horizontal tube for back endwall	2
12A	Middle horizontal tube for back endwall	1 Sets
13	Tensionning tube for front door	2
14	Tensionning tube for back endwall	2
14A	Ttensionning tube for back endwall in the middle	1 Sets
15	Diagonal Bracing Tube	4
15A	Clips	24
16	Steel wire	12

17	Tensionning tube for roof cover	2 Groups
18	Door dropping tube	1
19	Stake pegs	58
20	Carriage bolt M10x90	144
21	Carriage bolt M12x110	44
22	Carriage bolt M8x60	2
23	Bolt M10x30	4
24	Plugs	14
25	Rood cover	1
26	Front and back cover	2
27	Ropes	1
28	Elastic ball	2
A1	Pendant for tether	2

SPECIFICATION

Width: 9.15m Length: 15m Height: 4.5m

IMPORTANT-----READ 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 owners responsibility to take of snow immediately if not slide off by itself.

READ ALL INSTRUCTIONS BEFORE ASSEMBLY

1. Keep work area clean. Cluttered areas invite injuries. 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. Do not assemble in under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not assemble.
5. Be aware of possible windy conditions; fasten the bases in concrete if these conditions are likely to occur. Remove the cover during hurricane.
6. Be careful with power and heat sources. Do not keep heat sources near the tarpaulin. Do not expose to open flame.
7. Be aware of personal safety during assembly and use. Be careful not to pinch fingers with clips and tubes when assembling: when using makes sure there is adequate ventilation for exhaust and other dangerous fumes.

EQUIPMENT AND TOOLS FOR INSTALIATION

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

INSTALLATION PROCESS

A—BASE INSTALLATION

Please refer to the diagram (Figure 1/ model 304015P) to place the base plates.

NOTICE:THE MEASURE IS FROM CENTER TO CENTER OF THE TUBES.

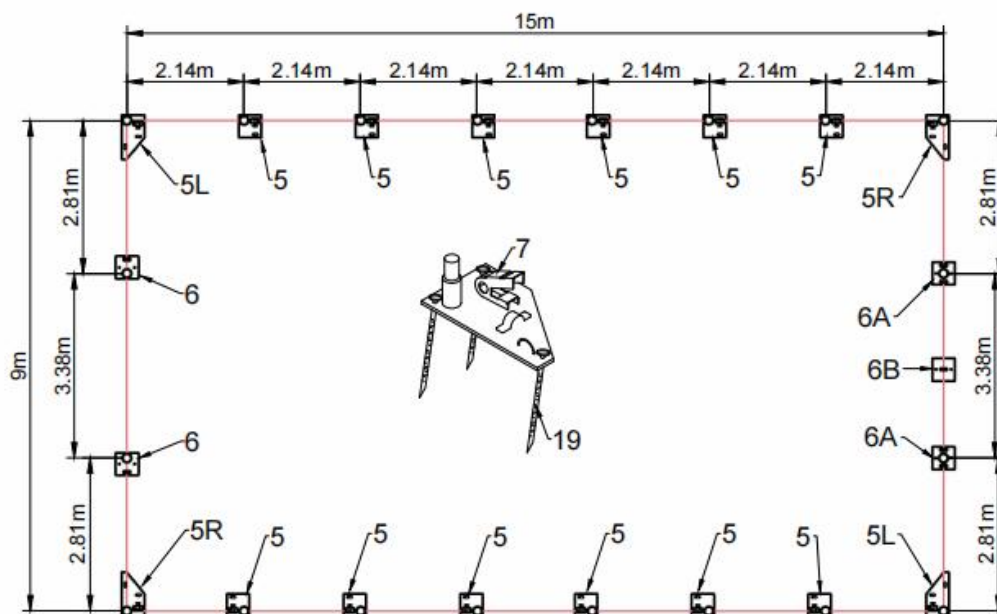


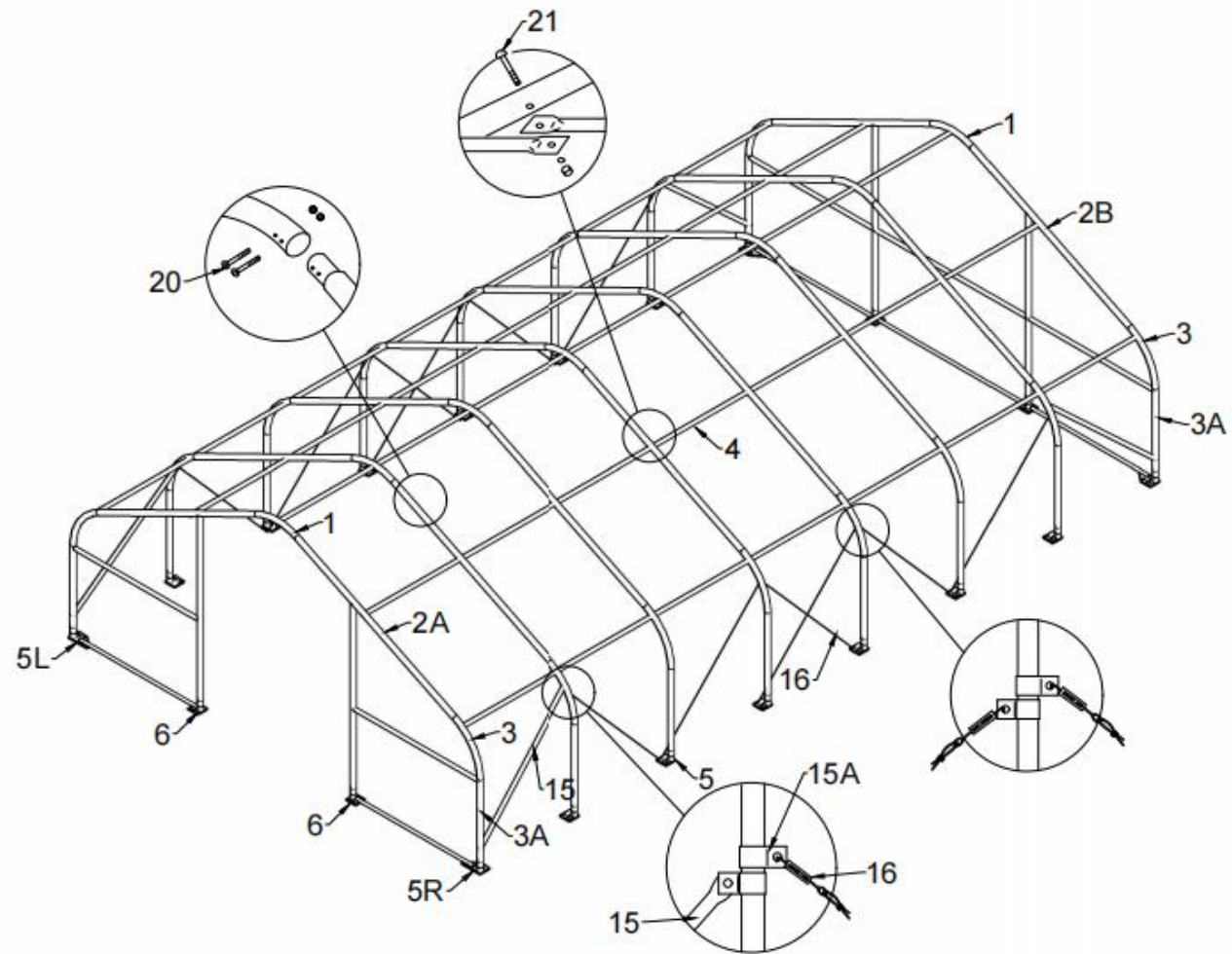
Figure 1

- Referring to the above diagram and confirm the place of the base plates. ENSURE THAT THE FOUNDATIONS IS SQUARE.
- There are three holes on the Base Plates (No.5, 5L, 5R) and two holes on the Base Plate (No.6, 6A and 6B), for Stake Peg (No.19). THUS ALL BASE PLATES ARE SECURED.

Foundation Placement

As **Figure 1** shows each Base Plate is equipped with three pieces of Stake Peg (No.19).

Note: The Stake Pegs apply for normal conditions, not suitable to the rock ground, frozen soil and concrete ground.



(W9.15x H4.5 xL15m) **FRAME SKETCH** **Figure 2**

B—FRAME INSTALLATION

1. As Figure 3 shown to find one Roof Bent Tube (No.1), two Middle bent tube for front door (No. 2A), two Lower Bent Tube (No. 3) ,two Bottom standing legs(No. 3A) and assemble every group arch with Bolt Carriage M10x90 (No.20). DO NOT install the screw on the top of the truss where the fabric will rest.

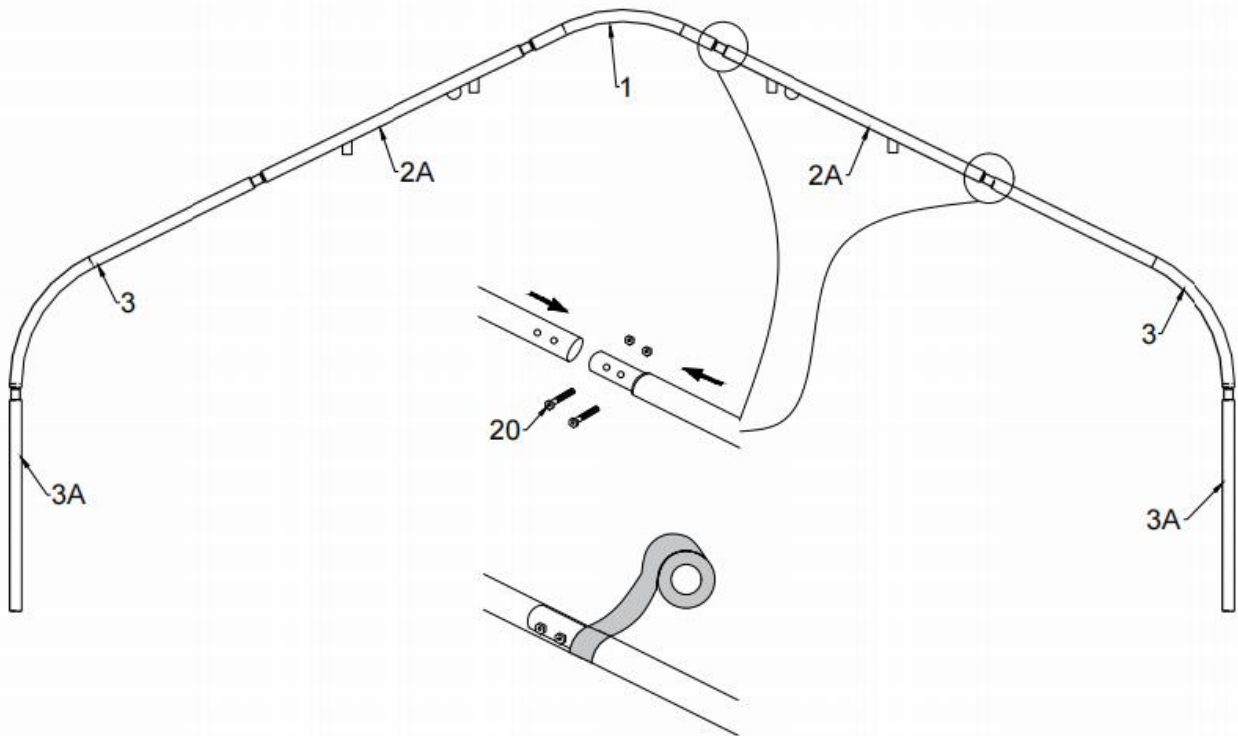


Figure 3

2. Lift an group of assembled arch onto one base plate and force the other end of the arch onto the opposite base plate.

IMPORTANT: THE ARCHED WILL BE WIDER THAN THE BASE PLATES

3. When finish installing the first two arches into the base plates, use Purlins (No.4) to connect them by Bolt Carriage M12x110 (No.21). Then install the third arch into the third arch into the plate and connect the Purlins. In this turn, fix all other arches and other purlins. Then come to install the front panel and back panel. Find the relative components and assemble them.

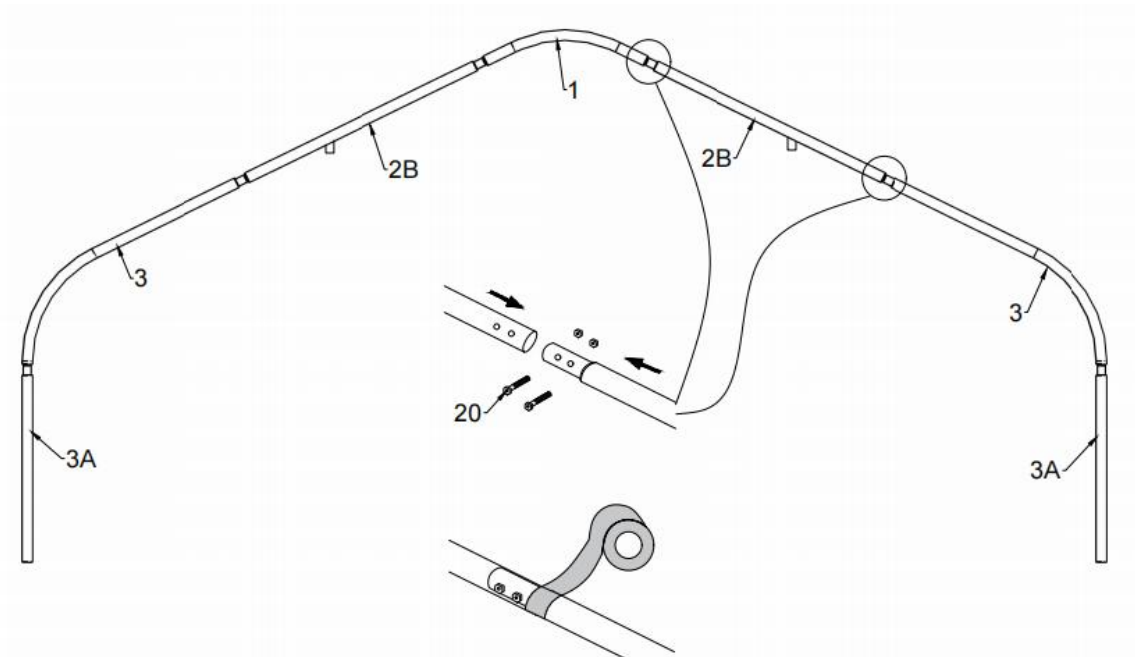


Figure 4

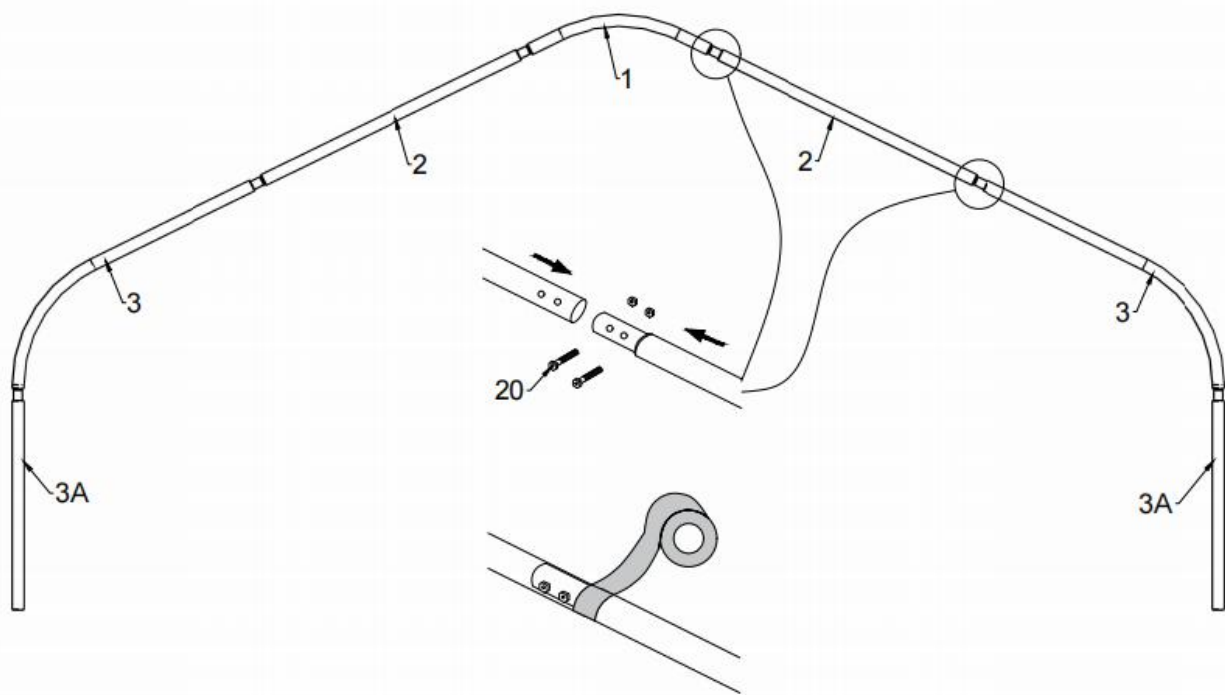


Figure 5

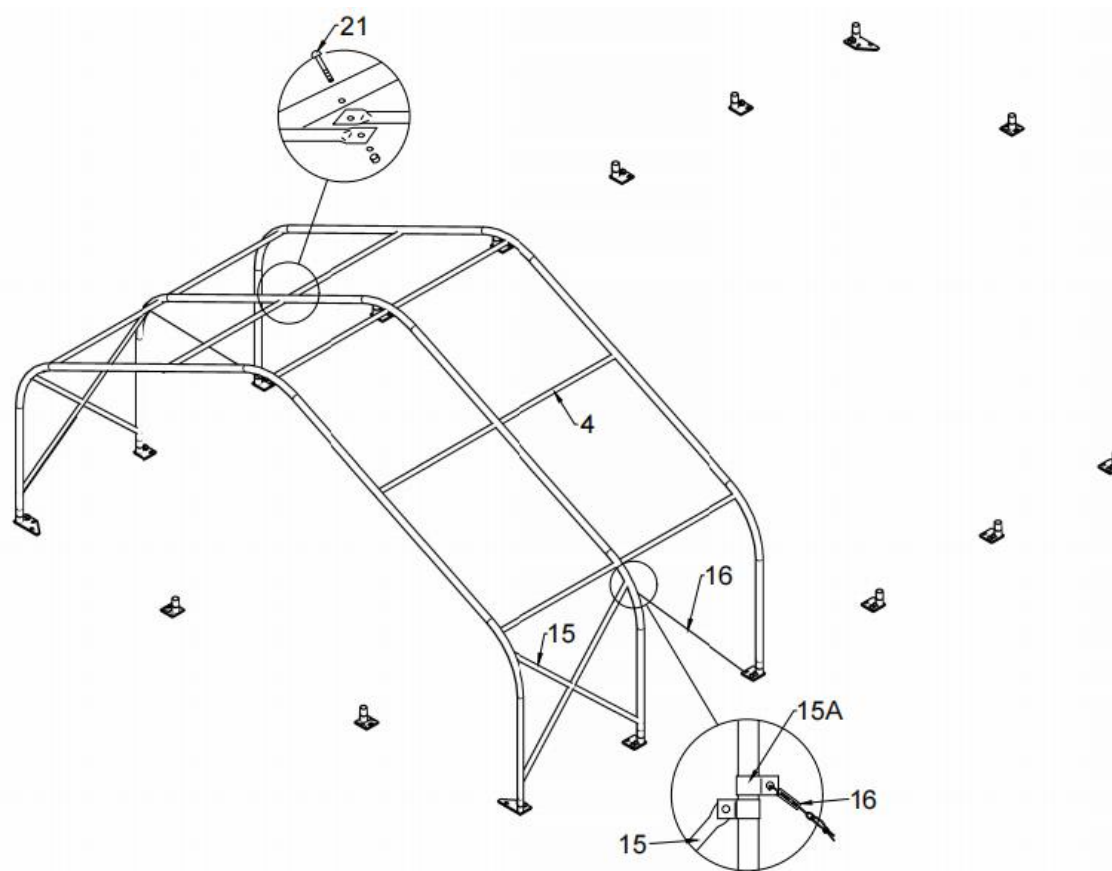
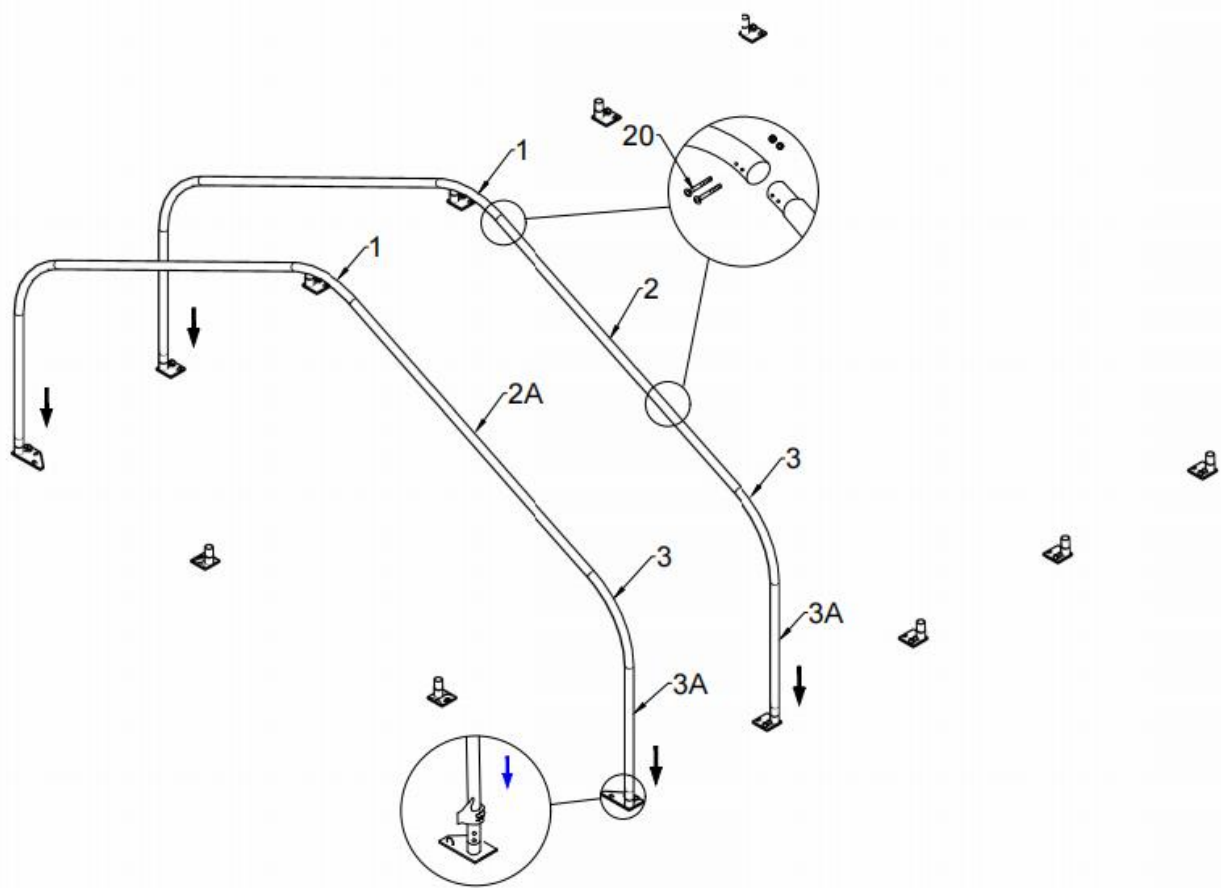


Figure 6

4. Connect Diagonal Bracing Tube (No.15) and clip (No.15A) for frame as **Figure 6**.

C—INSTRUCTION THE FRONT AND BACK COVER

1. Install the front and back door frame as Figure below. Find corresponding tubes and bolts to connect it together.

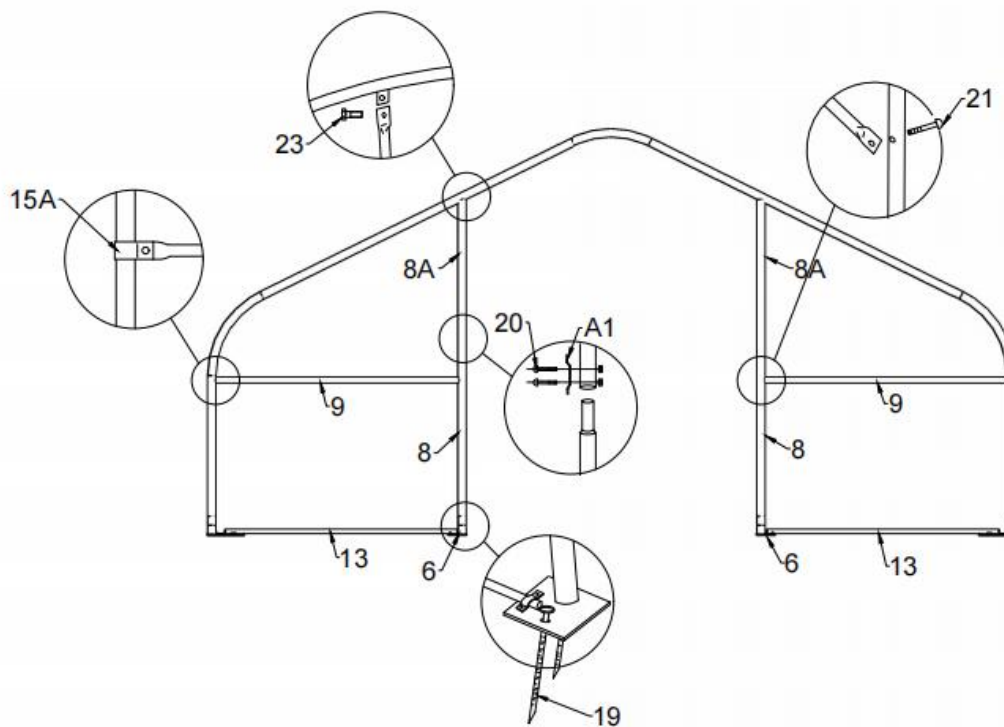


Figure 7

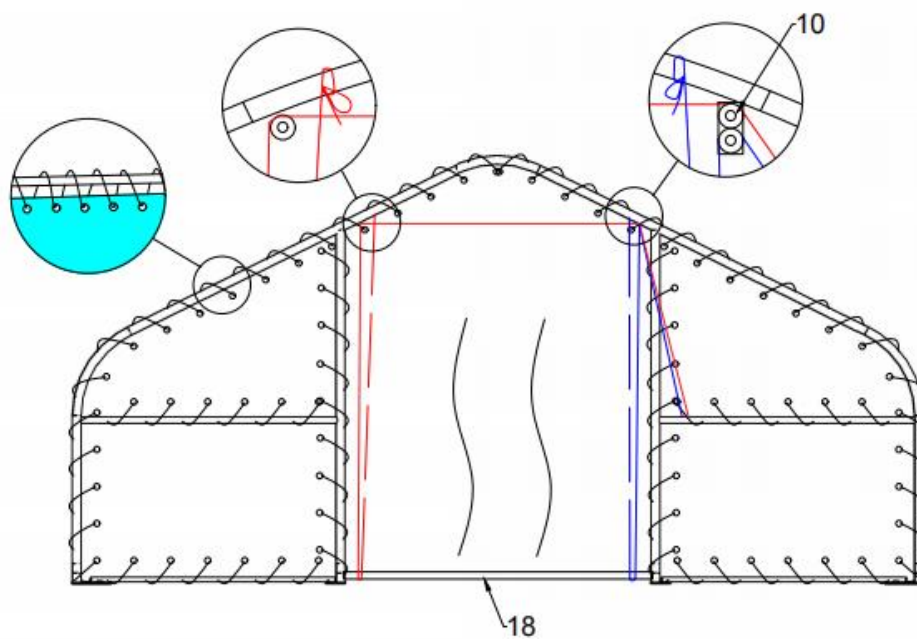


Figure 8

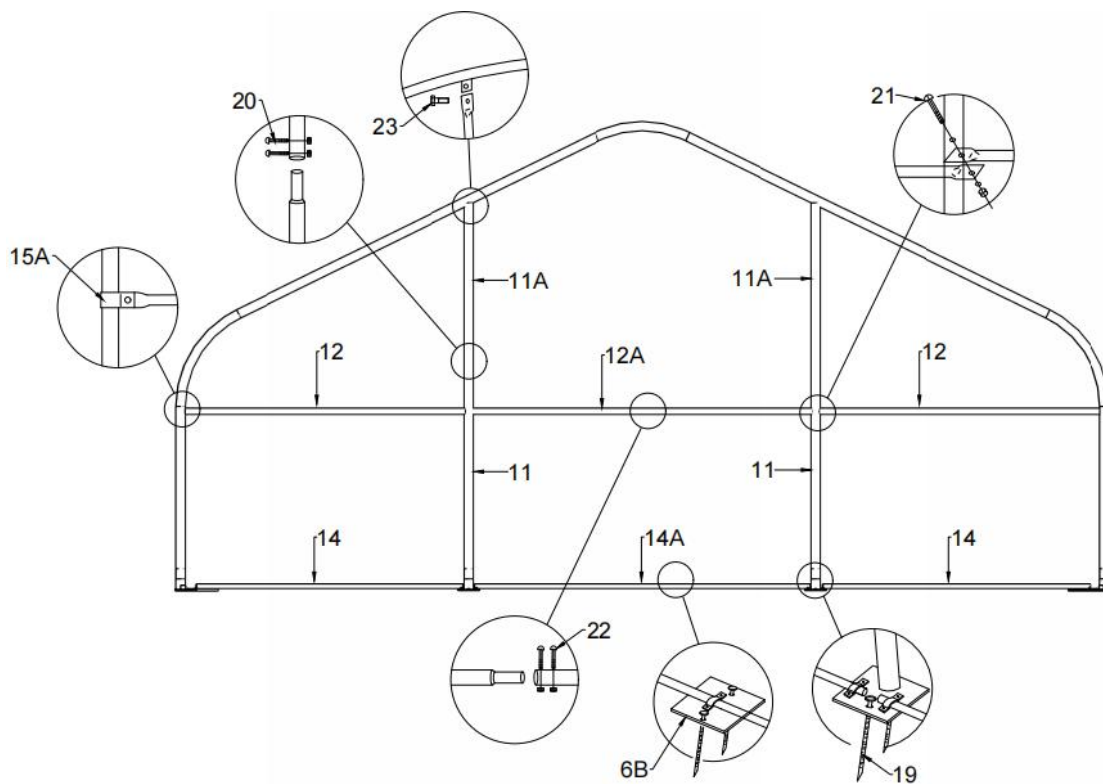


Figure 9

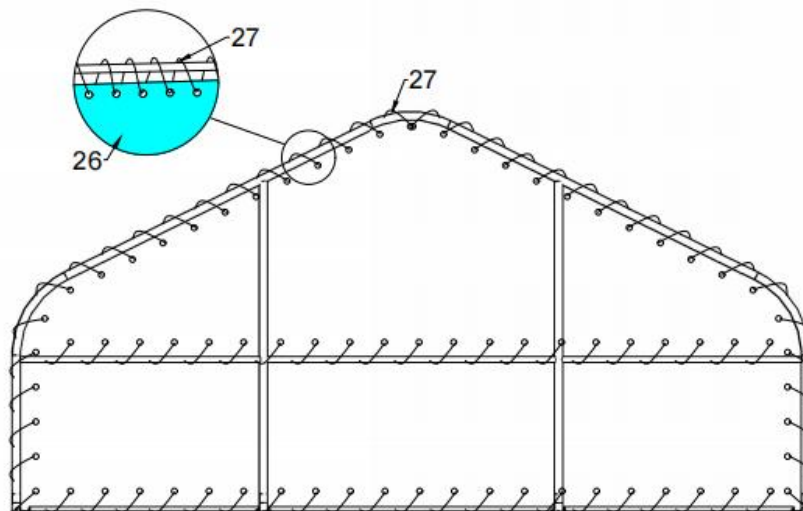


Figure 10

2. Use Knitting Rope (No.27) on Front and Back cover to lace the grommets in the end to the tension tubes evenly. The end covers are tied to the frame (Roof, Middle & Lower Bent Tube) by Knitting Rope. They are also been secured to the end frame (door tube and side rail) by Knitting Rope.

D—INSTRUCTION THE ROOF COVER

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 breeze blowing in the cover like a sail filled with air.

1. Assemble Tension Tube for Roof Cover (No.17) before installing the cover.
2. Roll out the roof cover on a ground sheet. Align the cover evenly to each end of the frame.

Note: Be sure doing not pullover the end of the roof cover.

3. Pull the cover over the frame **EVENLY, CAREFULLY AND SLOWLY**. Insert the tension tubes (No.17) into the cover pipe pockets and loosely secure the Nylon Band (No.27) for ratchet in the Ratchet (No.7). **DO NOT TIGHTEN**. Adjust the cover so that it is square and evenly centered on the frame. Put the lower tension tube inside.

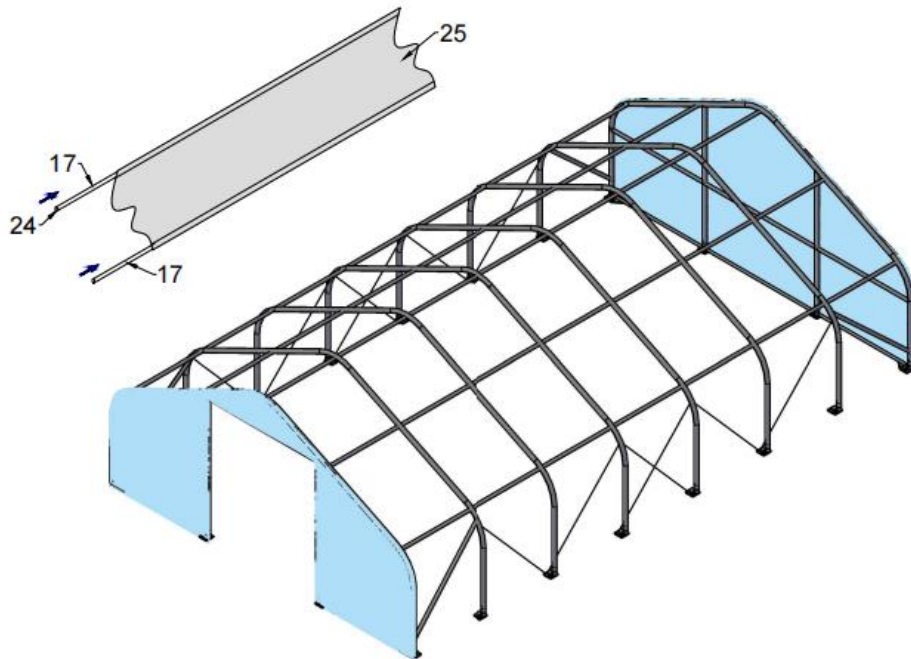


Figure 11

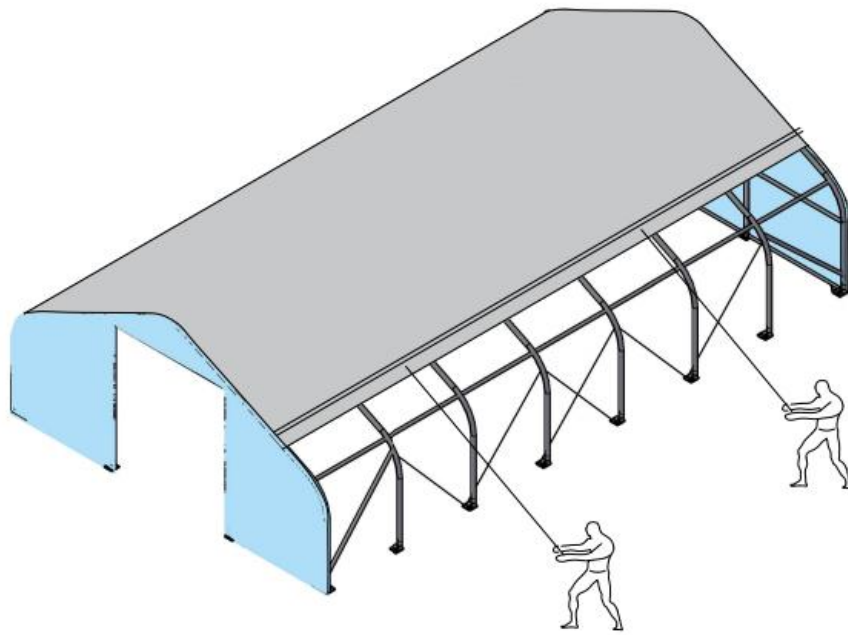


Figure 12

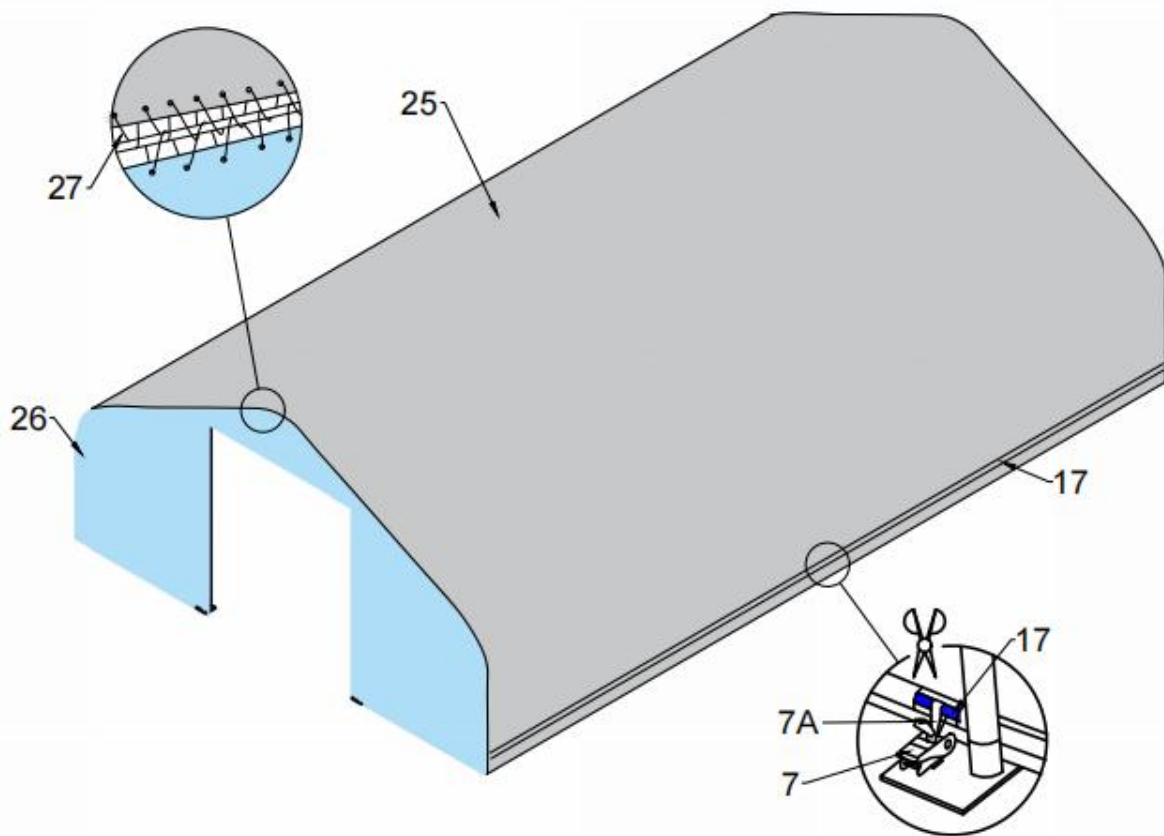


Figure 13

Note: The end flaps must overhang evenly at both ends.

4. With the end flaps flipped back and out of the way, use the supplied Knitting Rope (Part No. 27) to tighten the roof cover to the end arches. The rope should be cut as your requirements when using. The recommended procedure is to use separate pieces of rope and start by first lacing the cover from the bottom edges up to the top center. Secure the ropes at the top center and then apply tension as you lace down both sides. Fasten the rope at the bottom edge. Put the Plastic Plug (No.24). Drive the Ratchet Tie Down forth and back and then roof cover is tightened. NOW THE INSTALLATION IS FINISHED.

Please check the below installation detailed pictures:



(A)



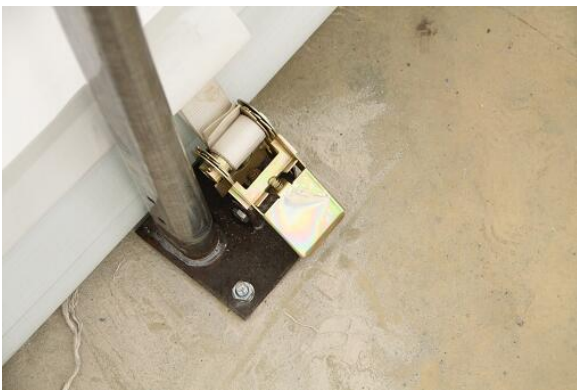
(B)



(C)



(D)



(E)



(F)

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, tension ed roof cover. Please adjust the roof cover every month.

Please Note:



Please use the tape wrapped around the gap between the steel skeleton after installing.