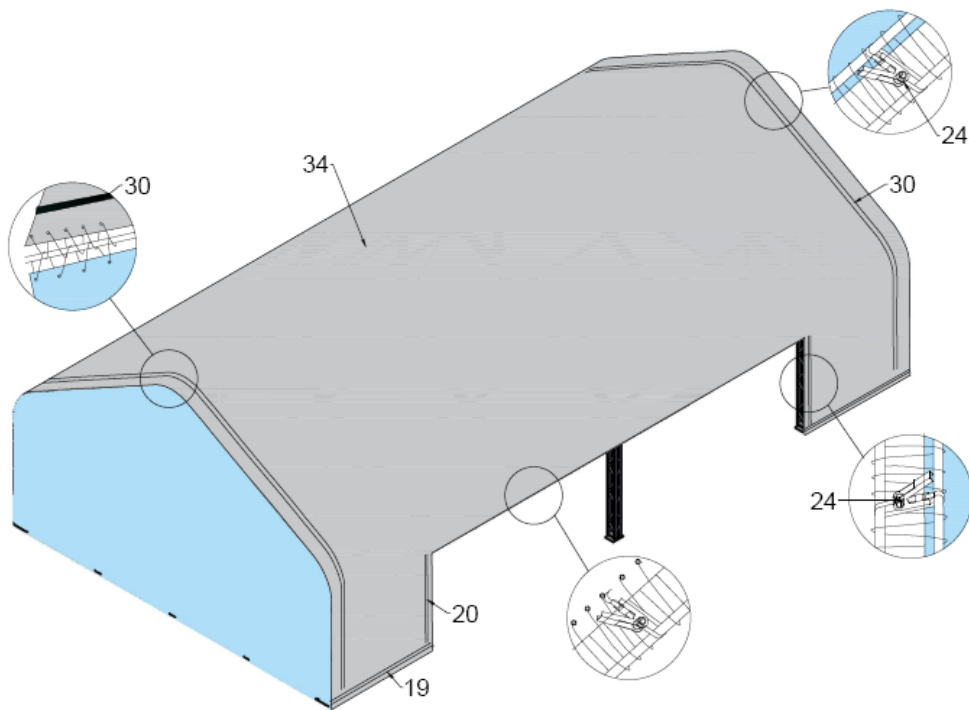


# SHELTER

## ASSEMBLY MANUAL

Model-336020P

Size: L18.3xW10xH6m



## **SPECIFICATION**

Length: 18.3m      Width: 10m      Height: 6m

## **IMPORTANT---READ MANUAL FIRST**

Improper site preparation, assembly and maintenance may invalidate warranty and cause unnecessary and costly mistakes. 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 get 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 of 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. Be aware of personal safety. 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.
3. Do not over reach. Keep proper footing and balance at all times.
4. Do not assemble if under the influence of alcohol or drugs. Read warning labels on prescription 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 base in concrete if these situations may 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.

| Parts List |                                                        |     |
|------------|--------------------------------------------------------|-----|
| Part       | Description                                            | QTY |
| 1          | Roof bent tube                                         | 5   |
| 1A         | Roof bent tube for front and back wall                 | 2   |
| 2          | Sidewall bent tube                                     | 10  |
| 2A         | Sidewall bent tube for front and back wall             | 4   |
| 3          | Shoulder bent tube                                     | 9   |
| 3A         | Shoulder bent tube for side open door                  | 5   |
| 4          | Standing leg                                           | 9   |
| 4A         | Standing leg for side open door in the middle          | 1   |
| 4L         | Standing leg for side open door in the left            | 1   |
| 4R         | Standing leg for side open door in the right           | 1   |
| 5          | Purlin                                                 | 48  |
| 5A         | Purlin at side door                                    | 2   |
| 6          | Ratchet                                                | 15  |
| 6L         | Base Plate at left corner                              | 2   |
| 6R         | Base Plate at right corner                             | 2   |
| 7          | Base Plate at middle                                   | 5   |
| 7A         | Base Plate for side open door in the middle            | 1   |
| 7AL        | Base Plate for side open door in the left              | 1   |
| 7AR        | Base Plate for side open door in the right             | 1   |
| 8          | Base Plate for front and back wall in the middle       | 6   |
| 9          | Lower standing leg for front and back wall             | 6   |
| 10         | Midde upper standing leg for front and back wall       | 2   |
| 11         | Side upper standing leg for front and back wall        | 4   |
| 12         | Shoulder and middle cross tube for front and back wall | 12  |
| 12A        | Side shoulder cross tube for front and back wall       | 4   |
| 13         | Tensioning tube for front and back wall                | 8   |
| 14         | Side cross beam for side open door                     | 2   |
| 15         | Side cross beam for side open door                     | 2   |
| 16         | Side cross beam for side open door                     | 1   |
| 17         | Tensioning tube for roof cover                         | 1 组 |
| 18         | Side tensioning tube for roof cover                    | 1 组 |
| 19         | Lower tensioning tube for side open door               | 2   |
| 20         | Side tensioning tube for side door                     | 2   |
| 21         | Steel wire at side face                                | 8   |
| 22         | Steel wire on top                                      | 12  |
| 23         | Clip for both doors and steel wire                     | 48  |

|    |                           |     |
|----|---------------------------|-----|
| 24 | Small ratchet with straps | 30  |
| 25 | Nylon Band for Ratchet    | 15  |
| 26 | Stake peg                 | 60  |
| 27 | Self-tapping screw        |     |
| 28 | PVC strip                 | 30m |
| 29 | Rope                      | 1   |
| 30 | Side PVC cover            | 16  |
| 31 | Big ratchet with straps   | 14  |
| 32 | PVC layer                 | 30m |
| 33 | Front and back cover      | 2   |
| 34 | Roof cover                | 1   |
| 35 | Carriage bolt M8x70       | 198 |
| 36 | Bolt M12x30               | 36  |
| 37 | Carriage bolt M10x80      | 86  |
| 38 | Bolt M10x30               | 24  |
| 39 | Plastic plug              | 28  |
| 40 | Bolt M14x50               | 140 |

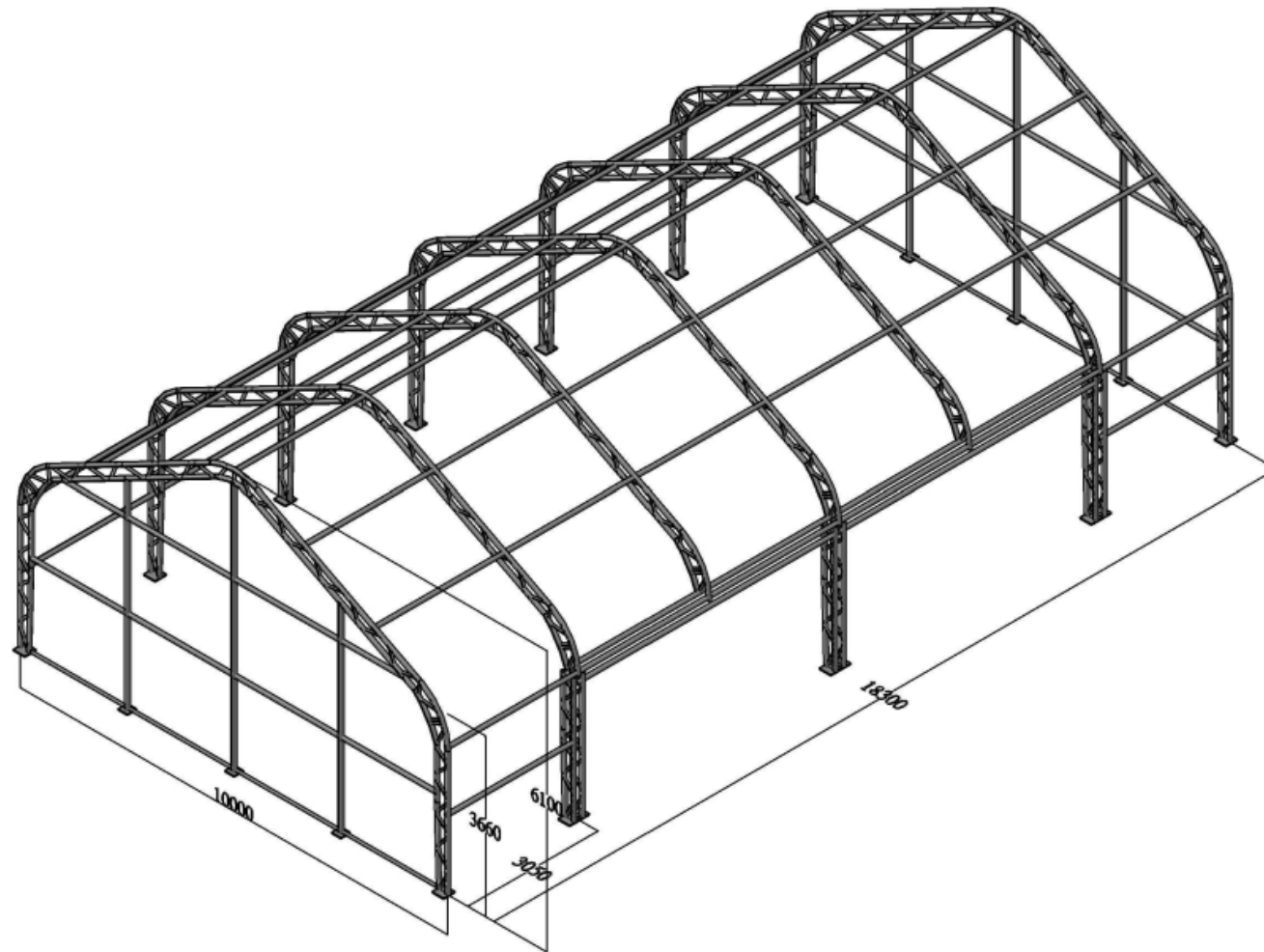


Figure 1 Frame Sketch

## EQUIPMENT AND TOOLS FOR INSTALLATION

- |                   |                            |
|-------------------|----------------------------|
| 1. Measuring Tape | 2. String for alignment    |
| 3. Stake          | 4. Ladder or Scissors Lift |
| 5. Sledge Hammer  | 6. Drill                   |
| 7. Wrench         | 8. Knife                   |
| 9. Hoist          |                            |

## INSTALLATION PROCESS

### A---BASE INSTALLATION

Please refer to the diagram (Figure 2) to place the base plates:

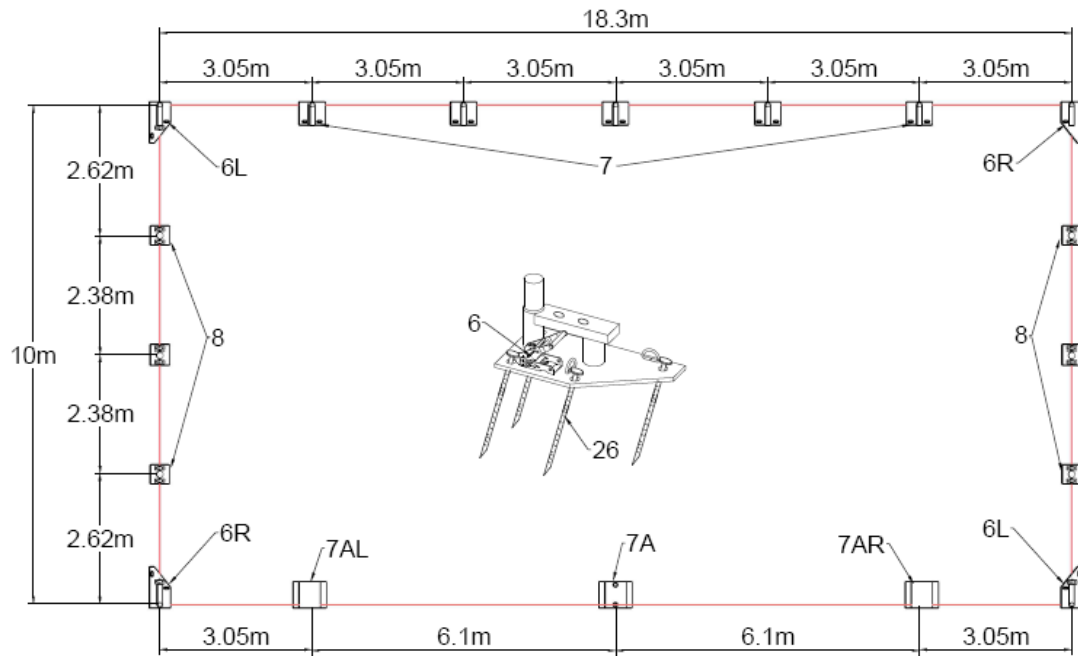


Figure 2 Base Plate

1. The measurement is from center to center of tubes on the base plates. Referring to the above diagram and confirm the place of base plates. There are four holes on the plates for stake pegs.

#### **Foundation placement**

As Figure 2 shows each Base plate is equipped with 4 pieces of Stake peg.

1. Mark the stake peg hold through the base plate by using the stake peg. Move the base plates away and the mark determines where the stake peg will be.
2. **Note:** The stake peg apply for normal conditions, not suitable to the rock ground, frozen soil and concrete ground.

### **B---FRAME INSTALLATION**

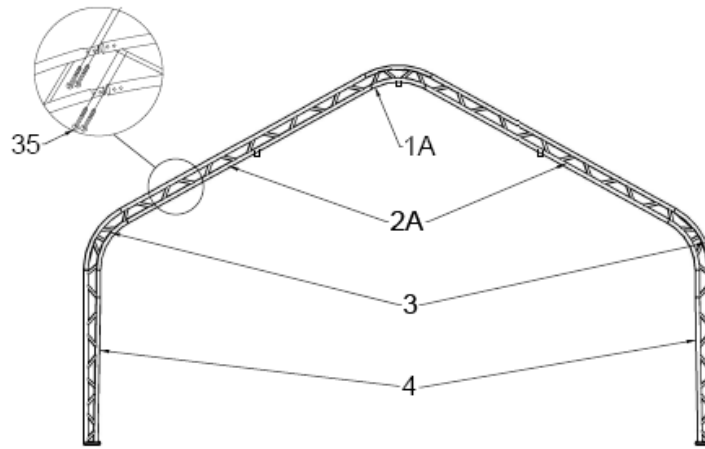


Figure 3

1. Assembly the front and back wall as Figure 3 shows , connect the Roof bent tube for front and back wall (No.1A),Sidewall bent tube for front and back wall (No.2A),Shoulder bent tube(No.3) and Standing leg (No.4)with Carriage bolt M8x70(No.35), then put the arch into tube of the Base flange by hoist.(see Figure 1)

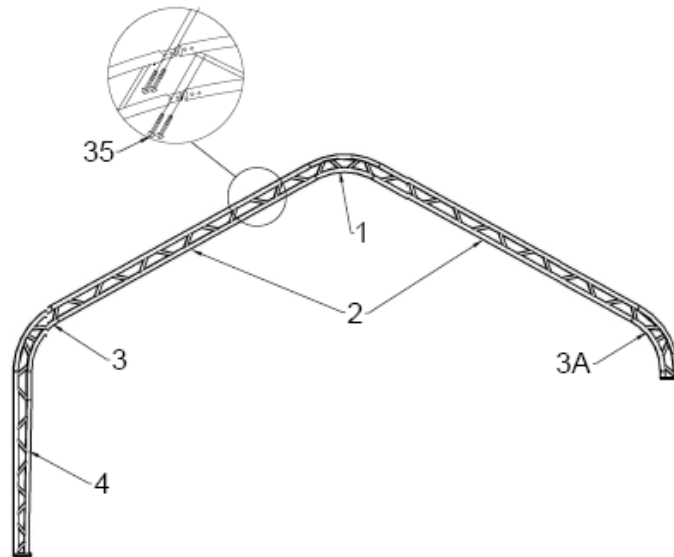


Figure 4

2.Assembly the second,forth,sixth and eighth group arch by turns as Figure 4 shows , connect the Roof bent tube(No.1),Sidewall bent tube(No.2),Shoulder bent tube(No.3),Shoulder bent tube for side open door(No.3A&3)and Standing leg(No.4) with Carriage bolt M8x70(No.35), then put the arch into tube of the Base flange by hoist.(see Figure 4)

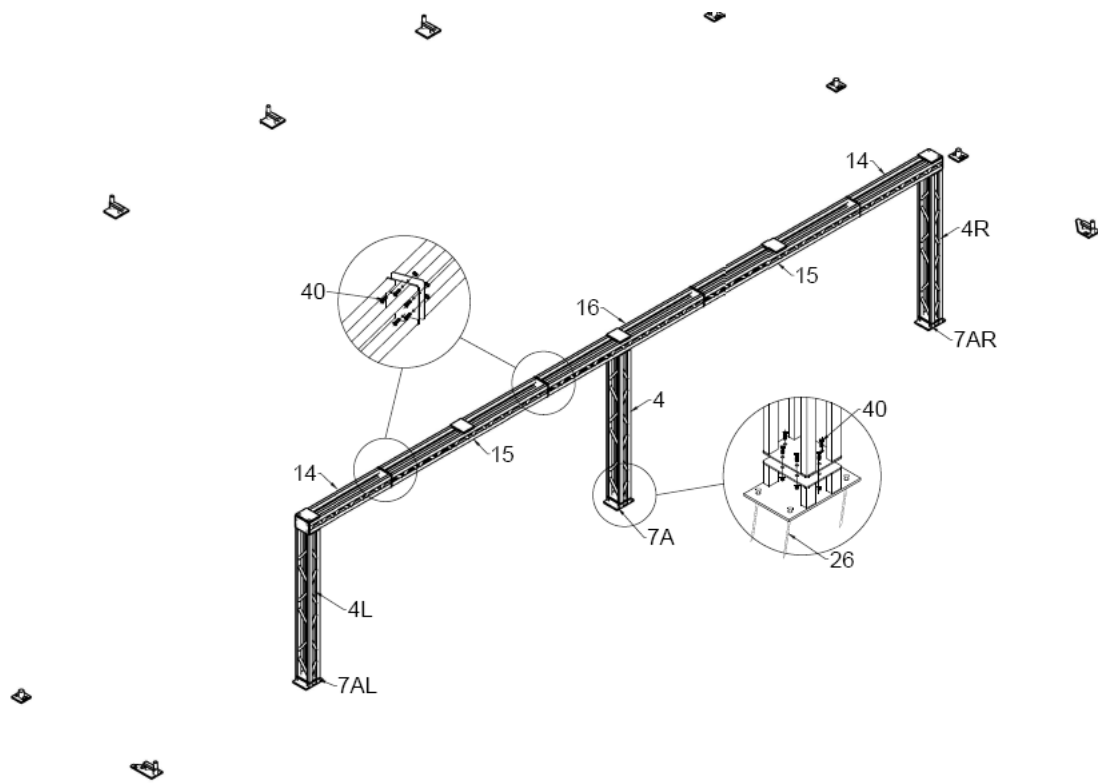
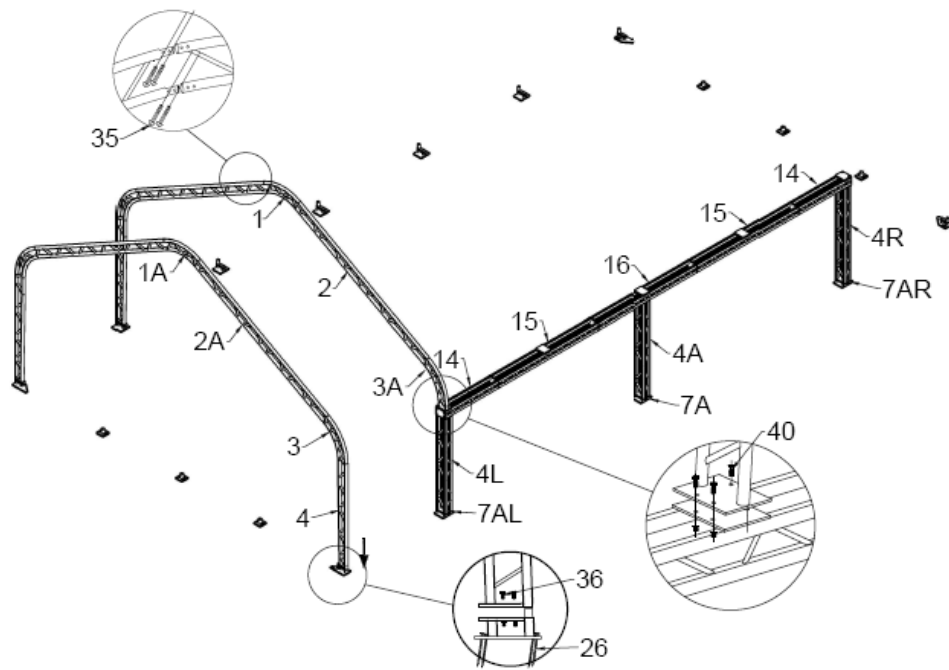


Figure 5



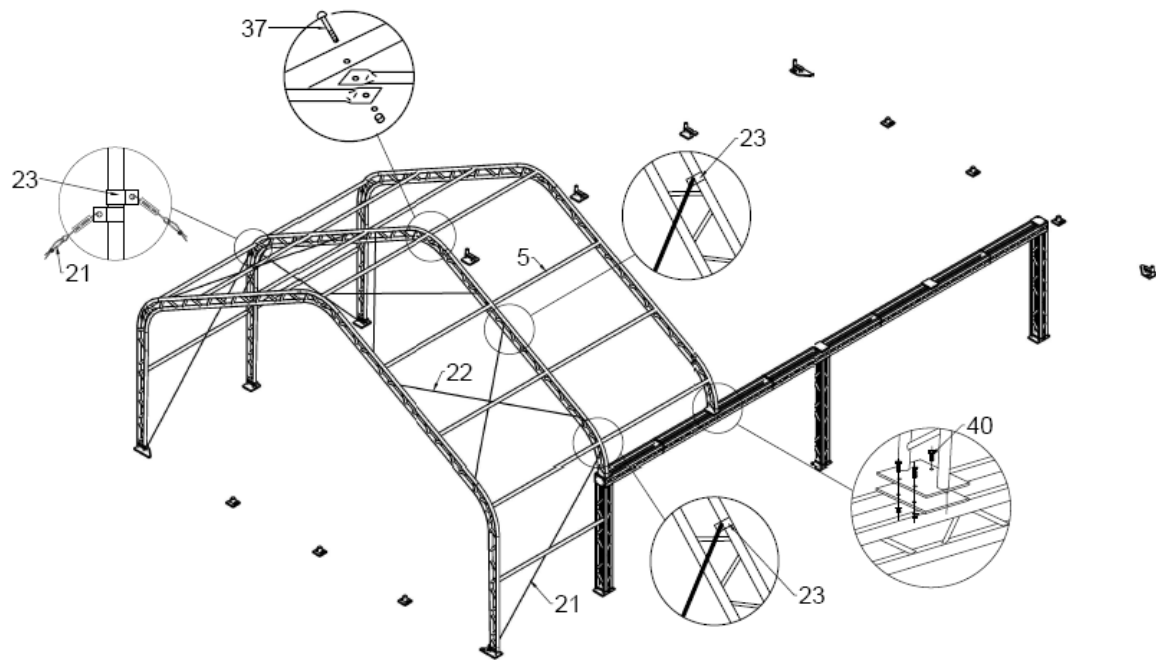
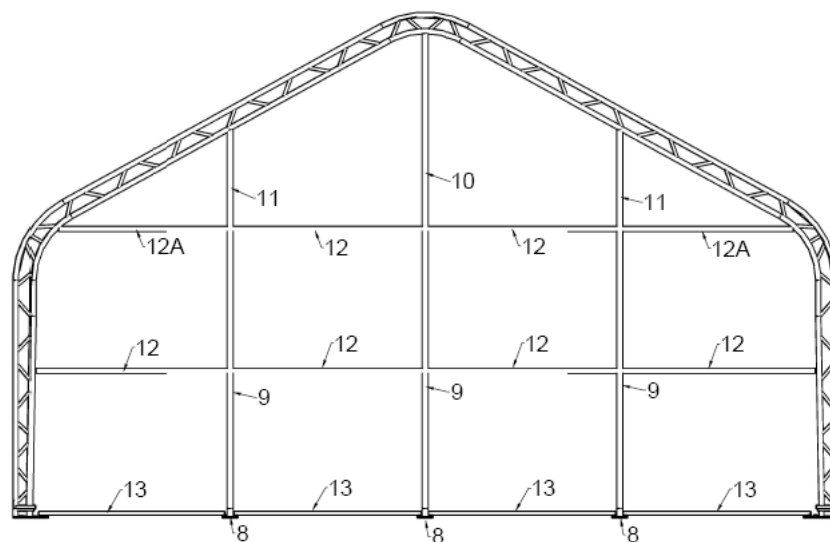


Figure 6

4.Connect Purlin(No.5 and 5A) to arch by using Carriage bolt M10x80mm (No.37) by turns(see Figure 6),then connect the Steel wire(No.21 and No.22) on top and side by using Clip(No.23 (see Figure 1).

## D--- INSTALLING FRONT AND BACK COVER



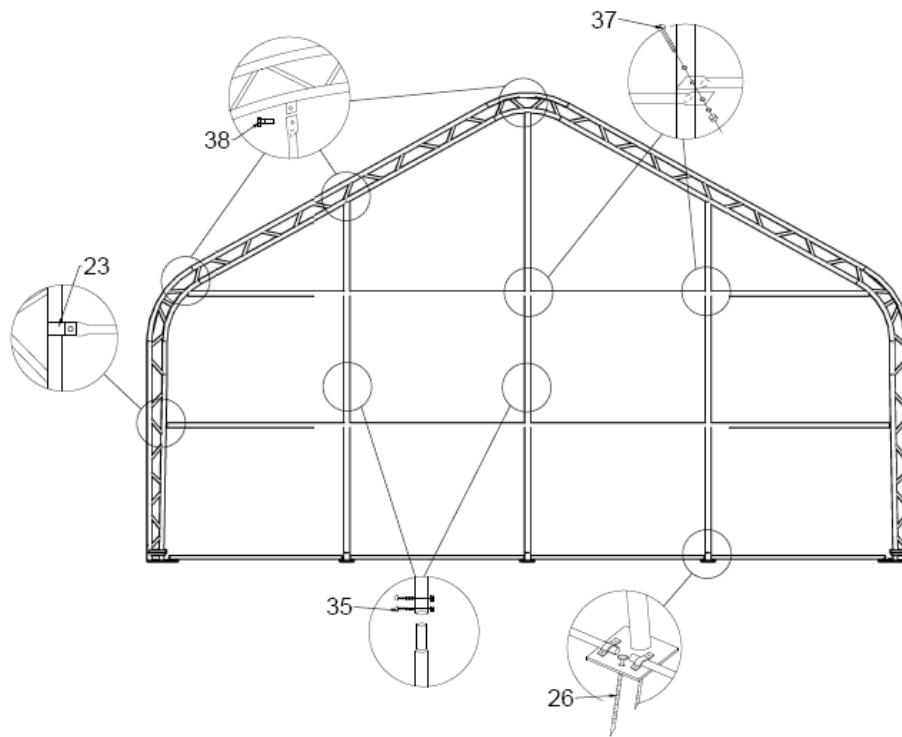


Figure 7: Front ,Middle and Back Wall Frame

1. Figure7 shows to assembly the door frame as above.

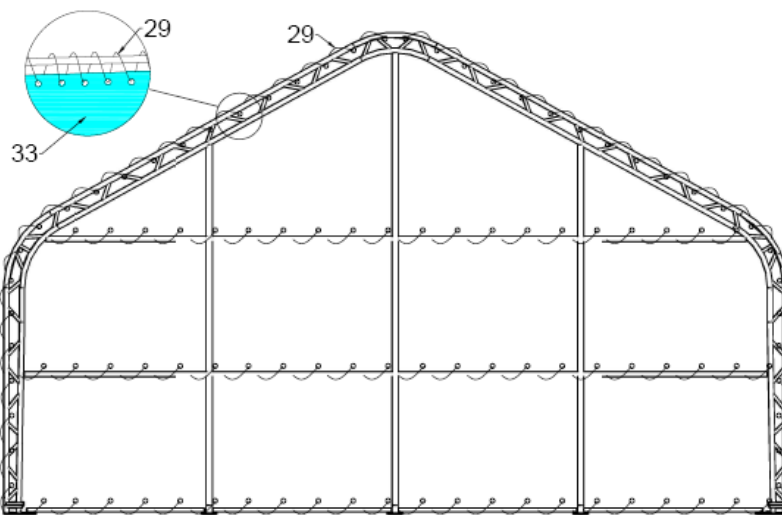


Figure 8: Front ,Middle and Back Wall Cover

2. Tidy the front ,middle and back door covers by using Rope(No.29), **make the cover well fold to the frame first and then tension the cover.**

### **E--- INSTALLING THE ROOF COVER**

**NOTE: Do not install the cover onto the frame of your building in high wind conditions.**

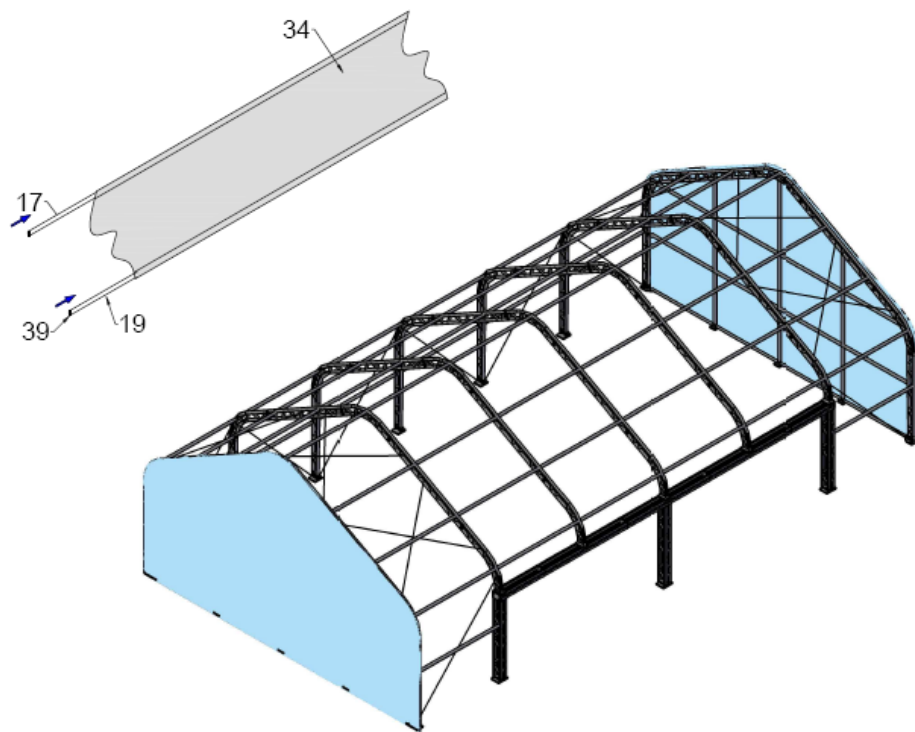


Figure 9

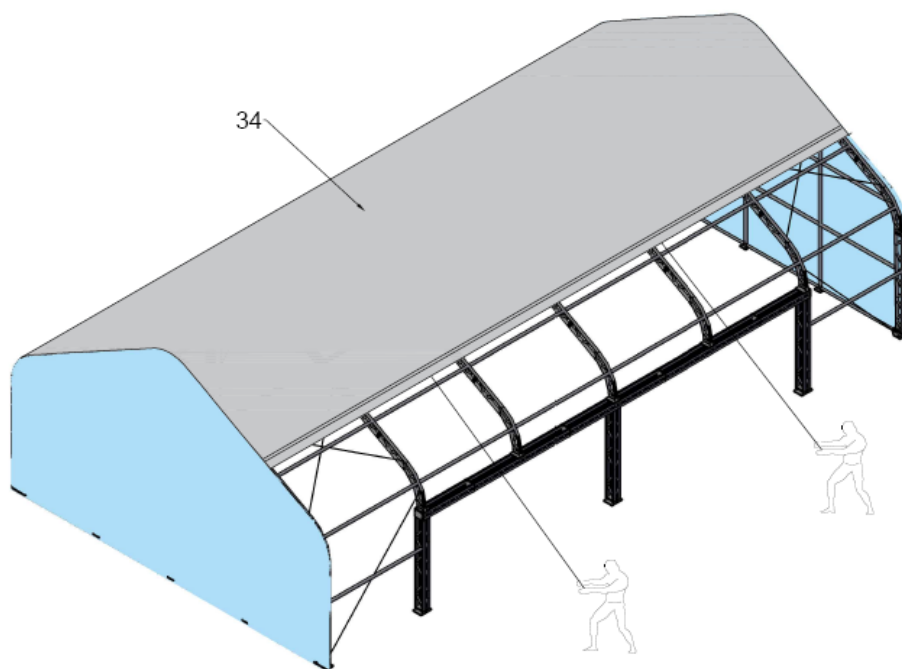


Figure 10

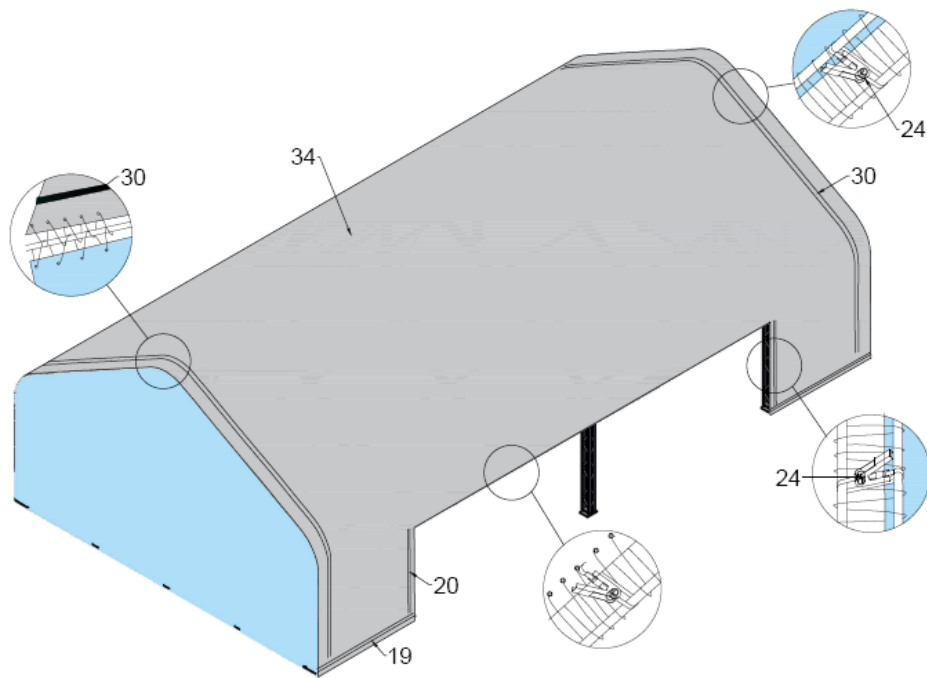


Figure 11

1. When Roof cover is over top of Frame assembly (see Figure 11), insert Tensioning tubes (No.17) into pockets along both sides of Roof cover, cut opening for Nylon band for ratchet, find the Nylon band over tube feed end into tie down to ratchet (No.6).
2. The roof cover is tensioned from front to back by the rope lacing to grommet flaps inside the main cover, inside the unit at both front and rear arches. Using the rope provided, lace the main cover grommet flap around the main frame front and rear arch pieces. Start in the top middle of each arch, and lace to each side. Add rope length by tying pieces together or cutting as necessary.

**CONGRATULATIONS: NOW YOUR ASSEMBLY IS COMPLETED.**