



MODEL:333313

W10xL10xH4M

INSTALLATION INSTRUCTIONS



Installation Instructions

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.

Tools Required

The following hand tool will be needed for proper installation of your new building:

- 12mm, 14mm, and 17mm open end wrenches
- 12mm, 14mm, 17mm sockets or box wrenches
- Large flat head screwdriver
- 2lb maul or sledgehammer
- 4ft level
- 14ft step ladder
- Stake and string for aligning base plates and frame

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 plate flanges to base surface.
3. Assemble every group of the 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 cover over end panels.

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

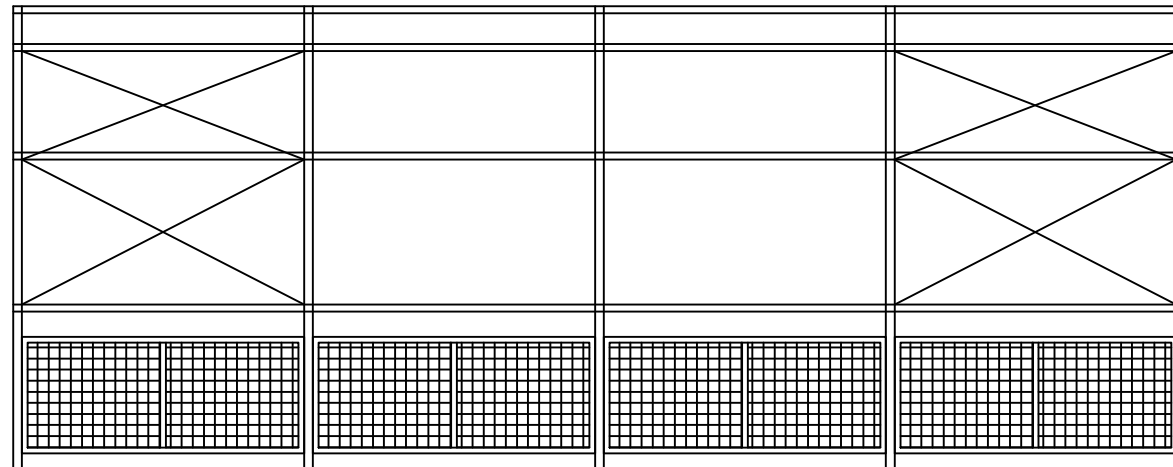
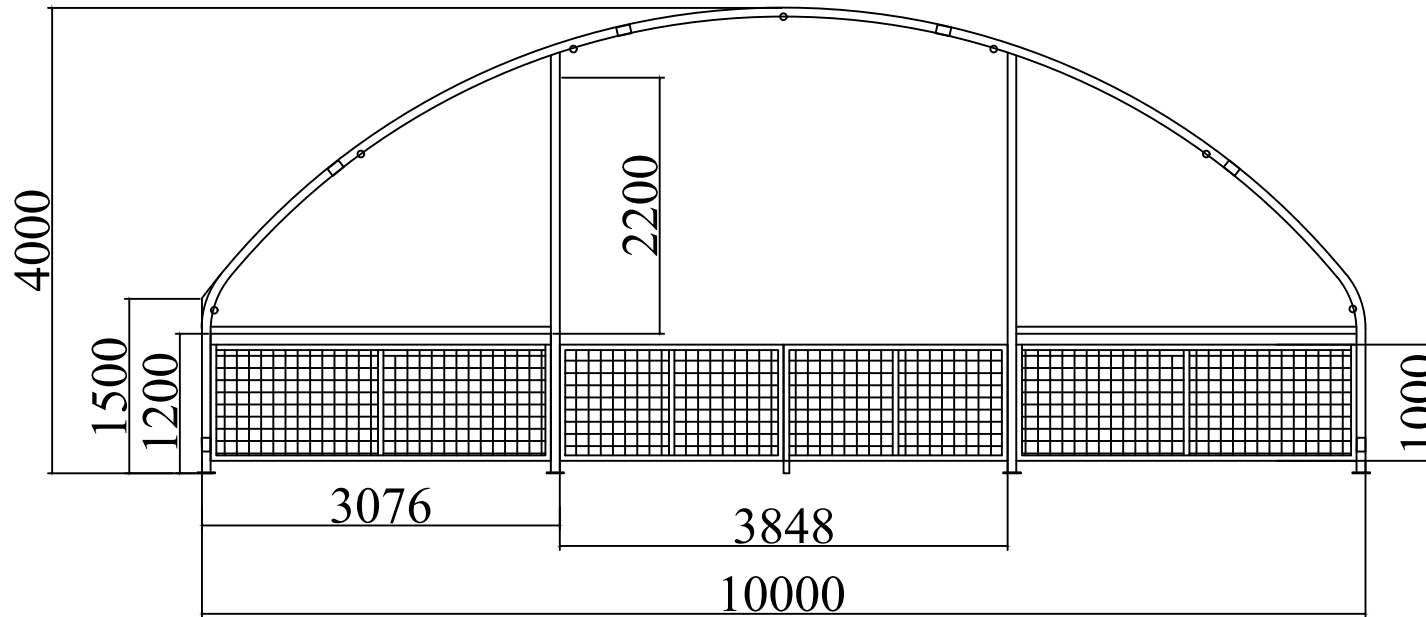


Maintenance and Care

Annually or more often, the unit should be completely inspected internally and externally to make certain the unit remains properly installed and secured. Particular attention should be paid to:

- Hardware - check all carriage bolts and hardware connectors to be certain they are in place and tightened.
- Weather trends - The unit will strain against the base plate flange under windy conditions, pegs hardware, connection to frame members should be maintained tight and depth of pegs should be checked to be certain they remain deeply and firmly set.
- Snow Accumulation - All snow accumulation on the main cover should be removed as soon as possible. Tap the main cover from the inside with a broom or soft brush to clear cover.
- Main Cover Lacing - The poly rope that secures the main cover to the bottom rail of the frame assembly should be checked, and adjusted as needed. The tension on the main cover should be uniform from end and side to side. Rope ends must be tied off onto the frame members at the ends on each side.
- Cleaning - Cover and doors can be cleaned with a mixture of light detergent and water. A soft bristle brush with the mixture can be used to loosen any hard dirt, mould, or build up on the cover. After cleansing, the cover should be rinsed thoroughly to avoid any chemical reaction from residual detergent. Allowing dirt and debris to sit on cover over an extended time will damage cover irreparably.
- Severe Weather - in preparation for inclement weather, completely secure the door of your buildings portable building.

part Code	Descriptin	Quantity
1	Top roof tube	5
2	Shoulder tube	6
2A	Shoulder tube for front and back panel	4
3	Sidewall tube	6
3A	Sidewall tube for front and back panel	4
4	Horizontal tube	28
5L	Base plate for left corner	2
5R	Base plate for right corner	2
6	Base plate for sidewall	6
7	Base plate for front and back panel	4
7A	Lock plate	2
8	Upper vertical tube for front and back panel	4
9	Lower vertical tube for front and back panel	4
10	Rails beside door	4
11	Tensioning tube for roof cover	6+2
12	Ratchet for #11	10
13	Door tube	2+2
14	Rails for sidewall	8
14A	Rails for door	2+2
14B	Rails for front and back panel	4
15	Stake peg	42
16	Anchor bolt	42
17	Door lock	4
17A	Connectors of door	2
18	Steelwire for roof	16
	Turn buckle kit	16+32
18A	L shape metal for steelwire	8
18B	Straight metal for steelwire	16
19	Carriage bolt M10*90	86
20	Carriage bolt M10*110	66
21	Hexagon bolt M10*110	20
22	Hexagon bolt M10*30	14
23	Plastic cap	8
24	Roof cover	1
25	Cover for front and back panel	2
26	Rope for cover installation	11
27	Band for ratchet	10



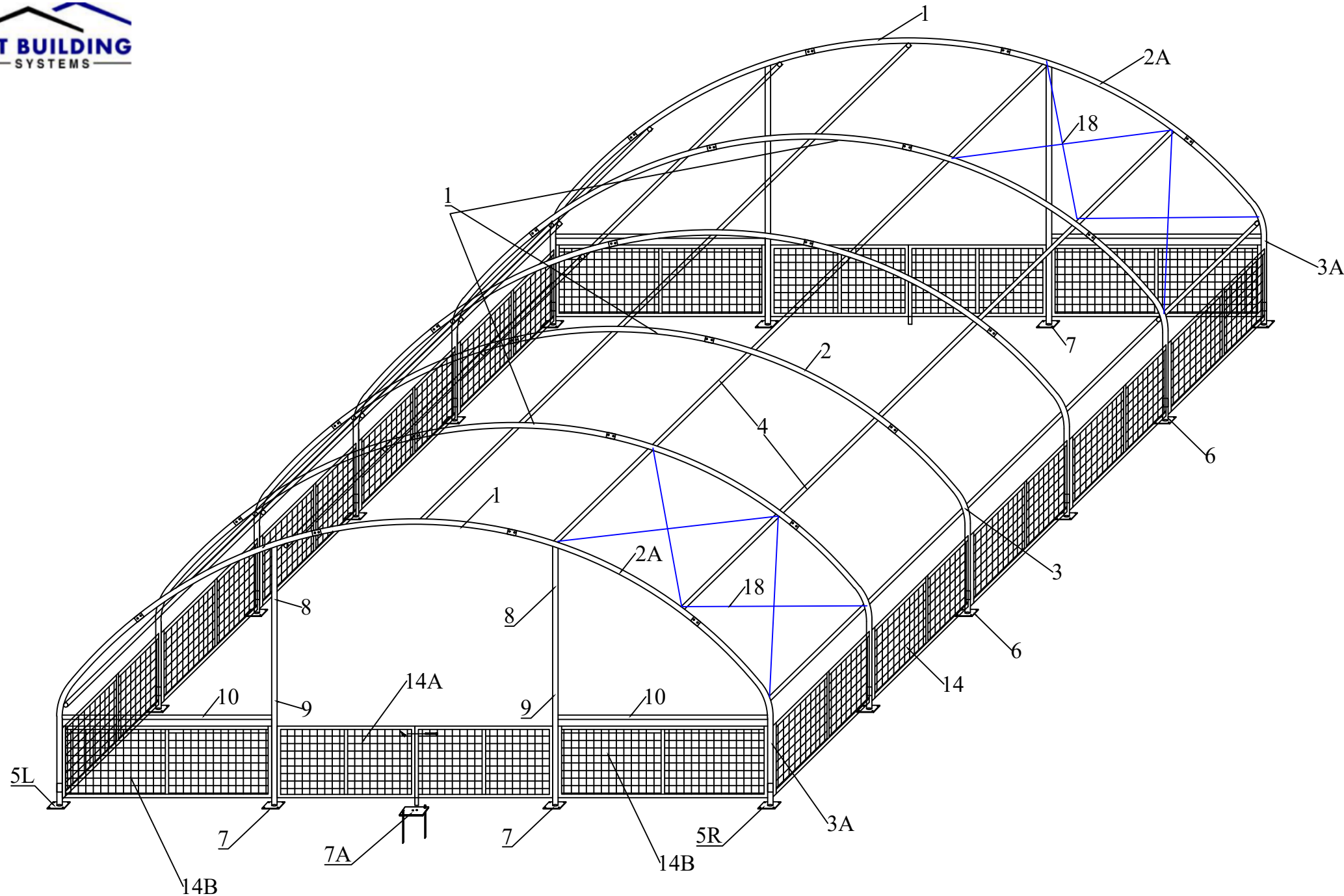


Figure 1 Sketch Size:333313
L10*W10*H 4 M

Step #1 --SECURING BASE FLANGES

Sit the building boxes in the chosen location. Remove all the components from packaging to ensure all components are present by checking with the Part List.

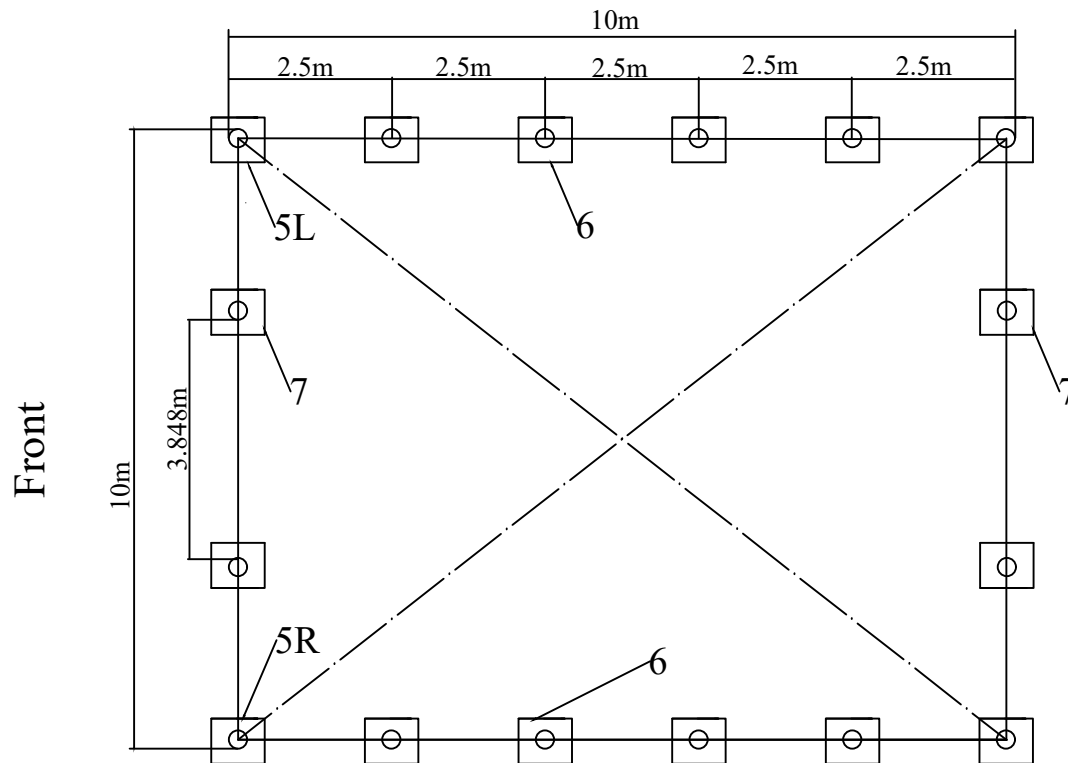


Figure 2 Position of Base Flanges

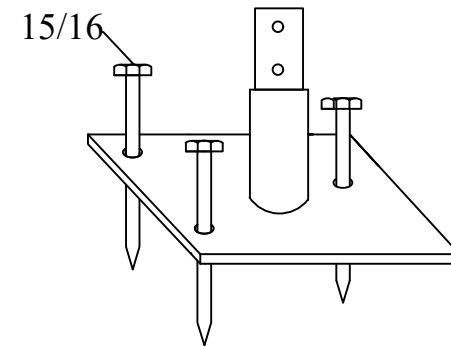


Figure 3

As Figure 3 shows, each base flange has three stake pegs.

Begin by determining exact location of the four (4) corners of the building. Mark front edge and side-to-side width of assembly on ground. Drive alignment stakes into the ground outside of the markings, and draw alignment strings along both ends and sides of the building to the dimensions shown in Figure 2. The outline of the strings will represent the final location of the base flanges. The initial location of each Corner Base Flanges is critical to the alignment and fit of the frame components and cover.

Locate the Left Corner Base Flange and Right Corner Base Flange. Secure the base flanges with Stake Pegs. Measurements shown in Figure 2 are to the center of the upright sockets on each Base Flange.

The Shelter must be secured to a firm surface that can receive and retain pegs firmly in position. The shelter should be installed on FIRM GROUND, not on SWAMP, SOFT/WET GROUND. The Base Flanges must be secured so they cannot be moved. Arches are tensioned at their base as they insert into the Base Flange sockets.

Step #2 --ARCH ASSEMBLY

Assemble each arch on ground. Each arches consist of: One top roof tube (Part #1)
Two middle roof tube (Part #2/2A) , Two side roof tube (Part # 3/3A)

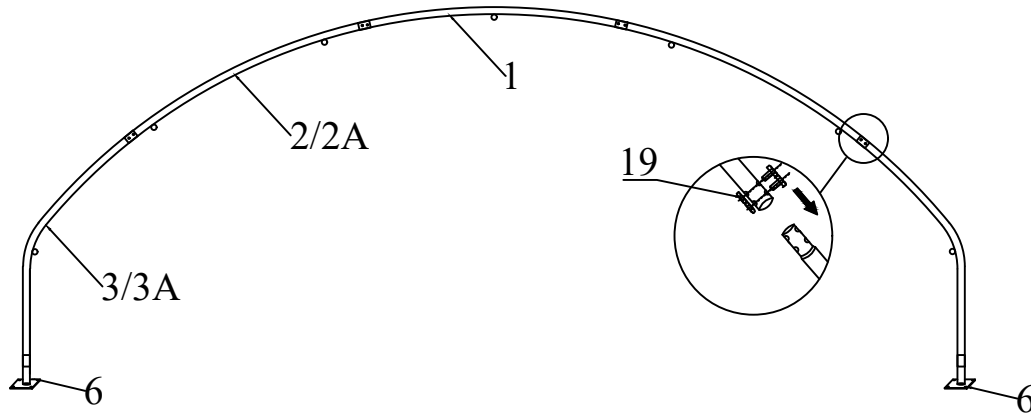


Figure 4 the arch installation

Connect the arches by Using the hexagon bolts with washers and nuts through predrilled holes in frame members. Do not tighten down the nuts completely until frame is fully assembled and set in place.

THE FRONT AND BACK PANEL FRAME ASSEMBLY

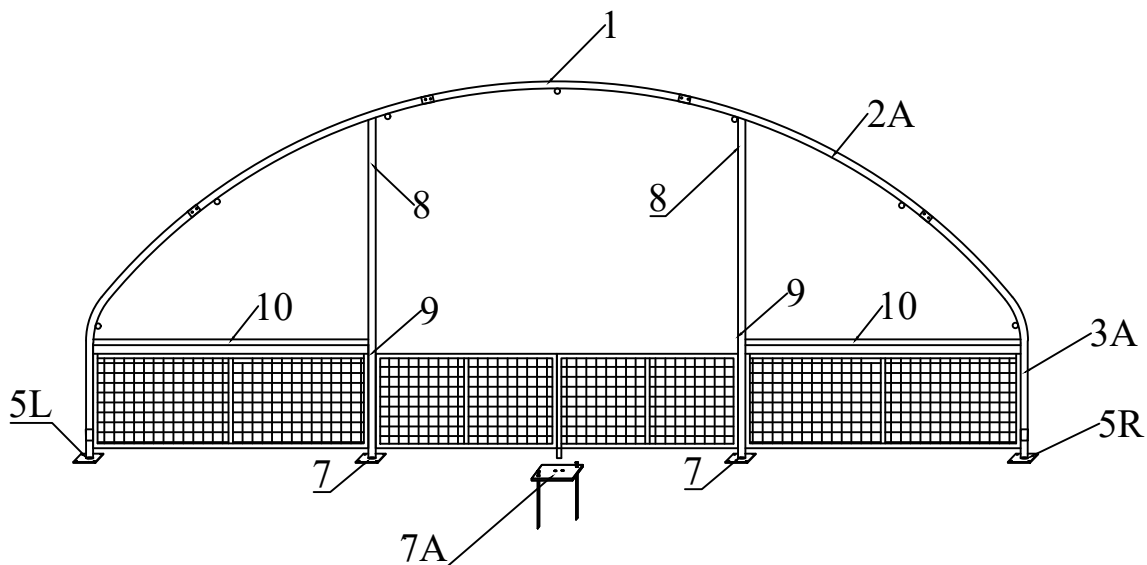


Figure 5 Frame Installation for Front and Back Panel

Assemble the front and back panel frame. According to Figure 5&6 connect the end wall frame by Using the bolts with washers and nuts through predrilled holes in frame members. Do not tighten down the nuts completely until frame is fully assembled and set in place.

NOTE: Please notice that the part code of the arch sections. The sections of different arches are not the same. Check with the Part List and the Sketch Figure #1.

Step #3 --ERECTING ARCHES

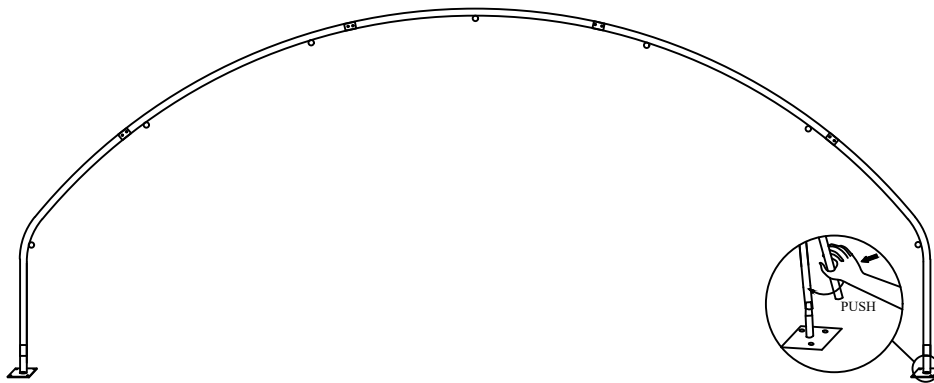


Figure 6 Attaching Arches to Base Flanges

Begin frame assembly by erecting Front Arch into Front Corner Base Flanges. Place left frame sidewall tubing into the upright tube socket into the Left Base Flange. Place Hexagonal Bolt through base flange socket and arch sidewall tube hole.

In order to insert Right Sidewall Tube into Right Front Corner flange, it is necessary to support arch on left side to prevent movement. Position the Right Sidewall Tube over the Right Corner Base Flange.

Once the Right Sidewall Tube is placed into right corner base flange, insert a hexagonal bolt and nut to prevent it from popping out of the socket while assembly continues.

Next stand first interior arch up to repeat insertion into Base flanges.

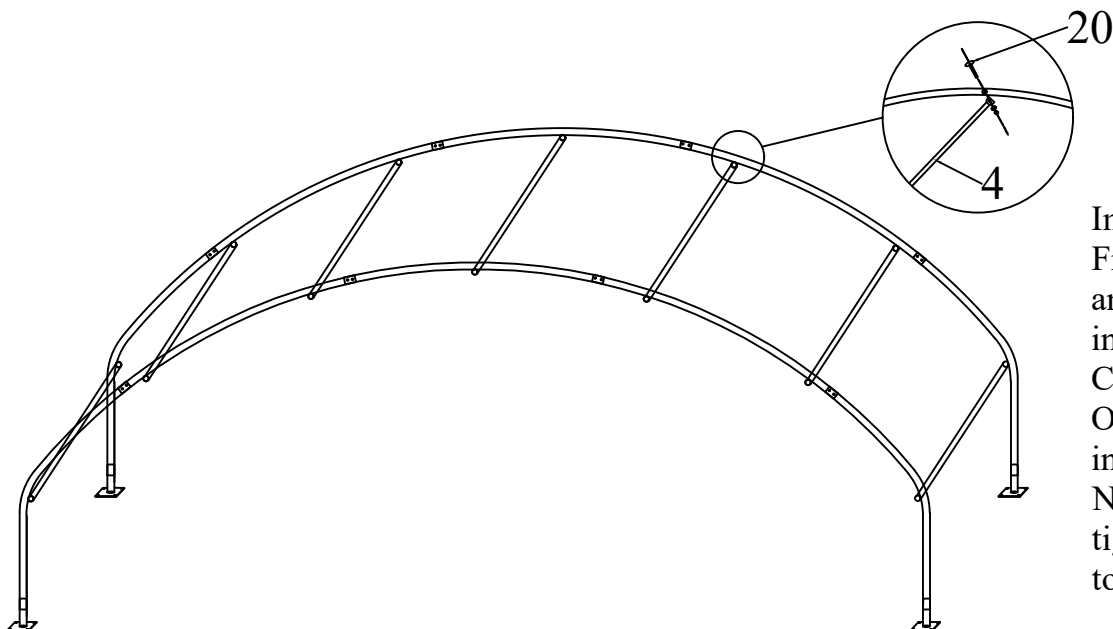


Figure 7

Immediately after putting first interior arch into place, connect Front Arch and Interior arch using Roof Purlin Tubes at top ridge and side shoulder curves of arches. Secure the Roof Purlin tubes into place using carriage bolts and nuts.

Continue to install other Arches Assemblies in the same manner. Overlap pinched ends of Roof Purlin onto same carriage bolts inside frame assembly.

Next check entire frame assembly for square and plumb. Next tighten frame bolts adequately. **DO NOT** over tighten bolts so as to oval or compress frame components.°

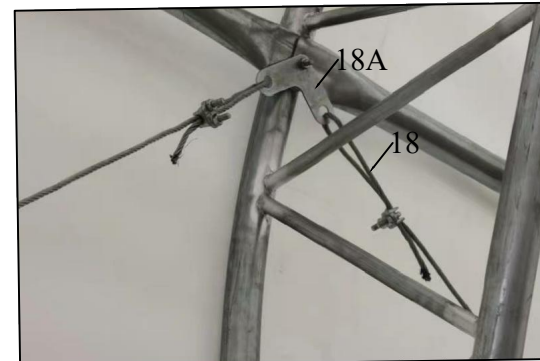
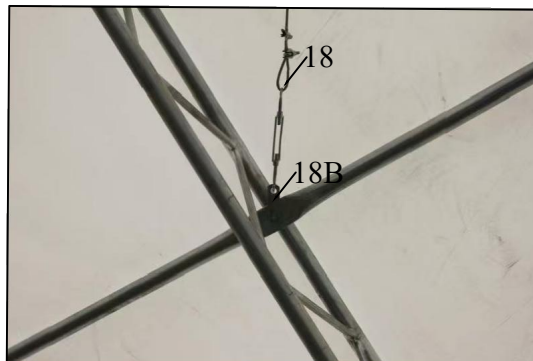
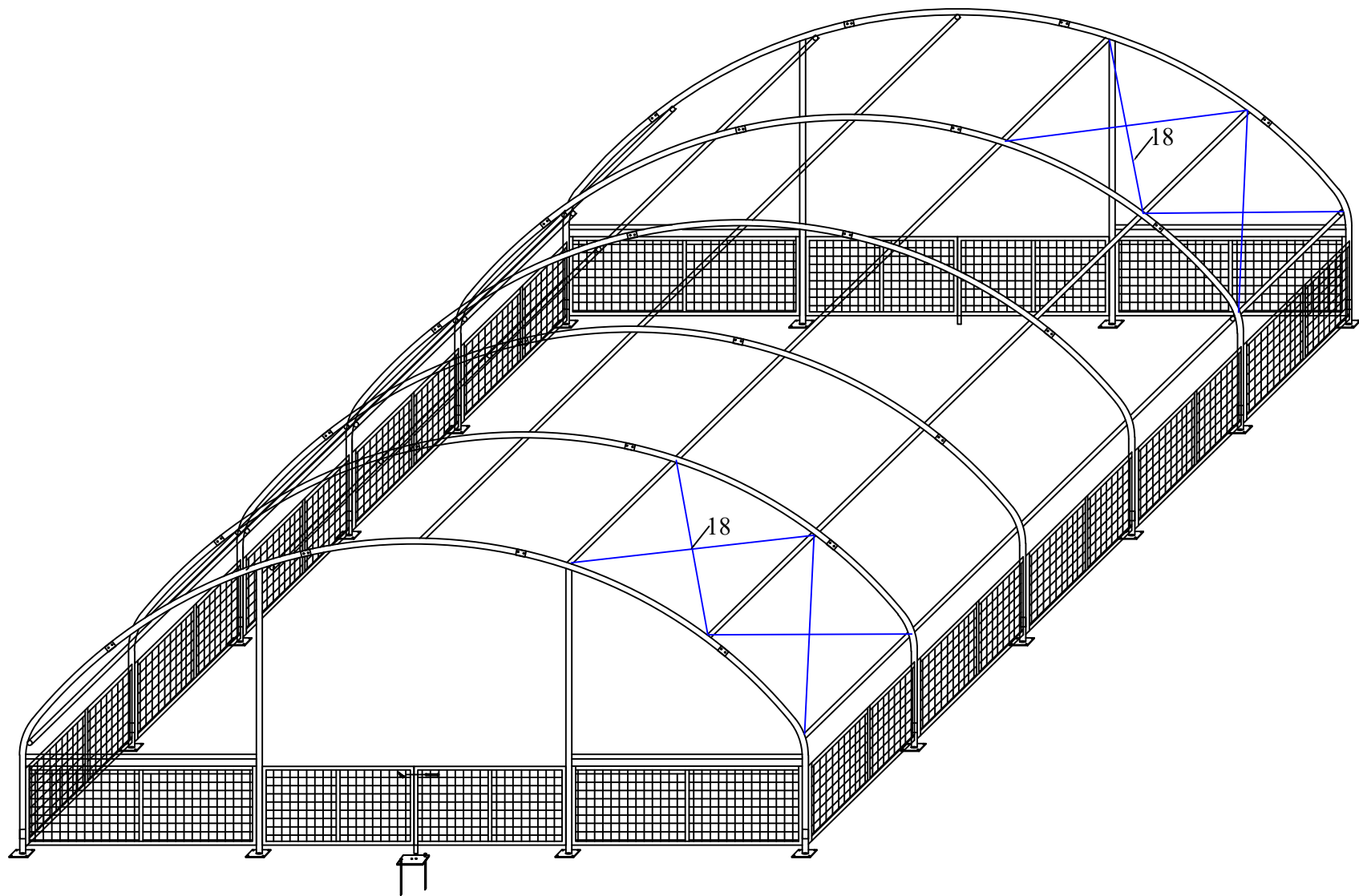


Figure8

Step #4 -FRAME INSTALLATION FOR SIDES FENCE AND DOOR FENCE

Immediately after erecting all arches and vertical tubes, connect side fence part #14,14A,14B and door fence with bolt (part #21).

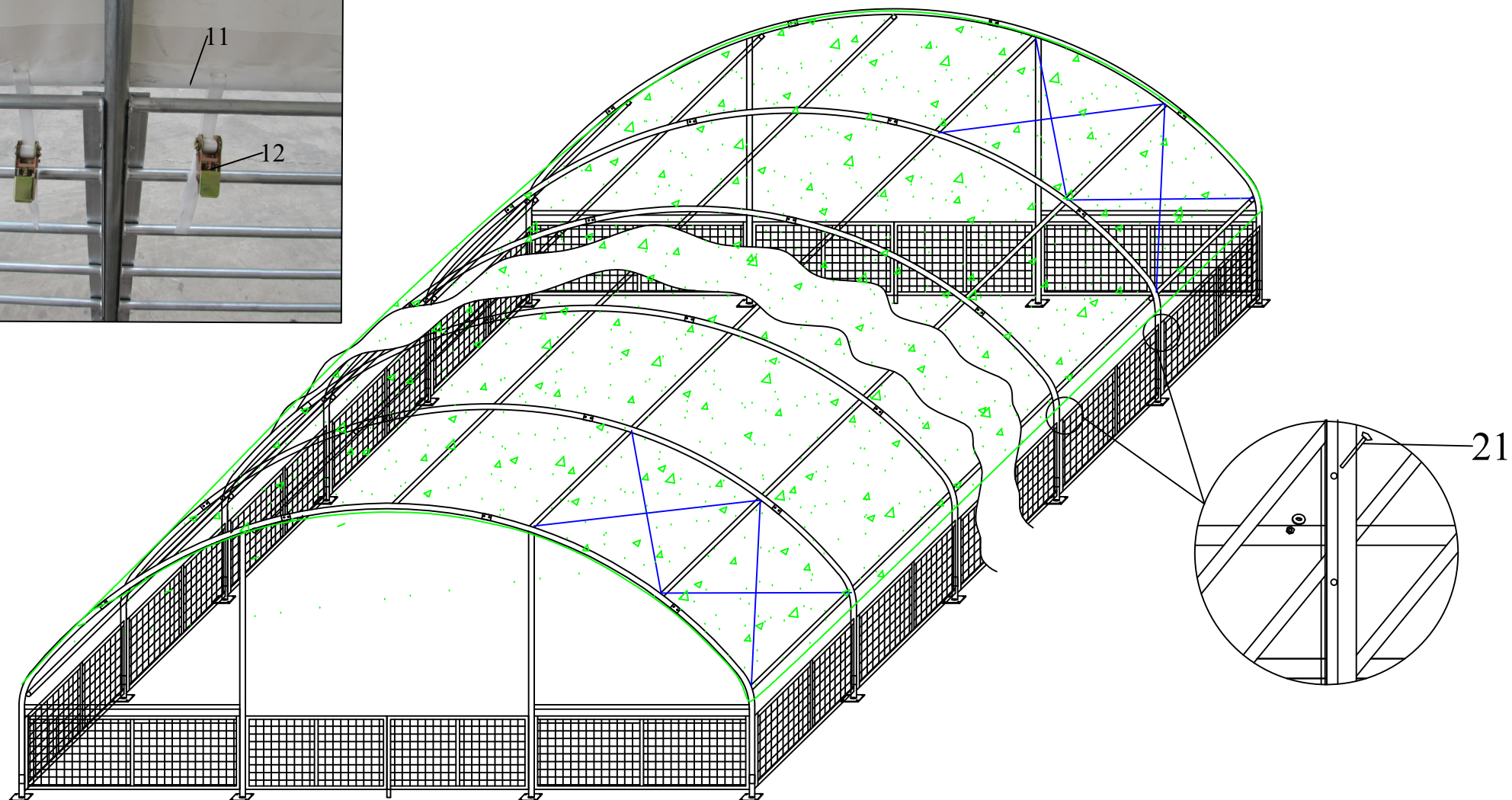
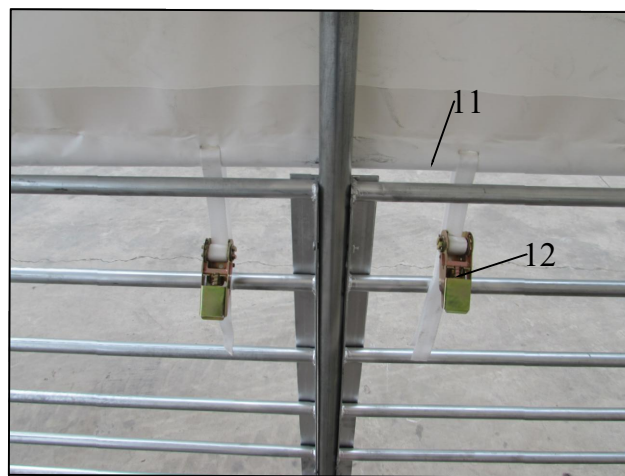


Figure9

Step #5 --INSTALLATION BACK COVER

Lace and fasten the Back cover to end rib by ropes, as Figure 14.

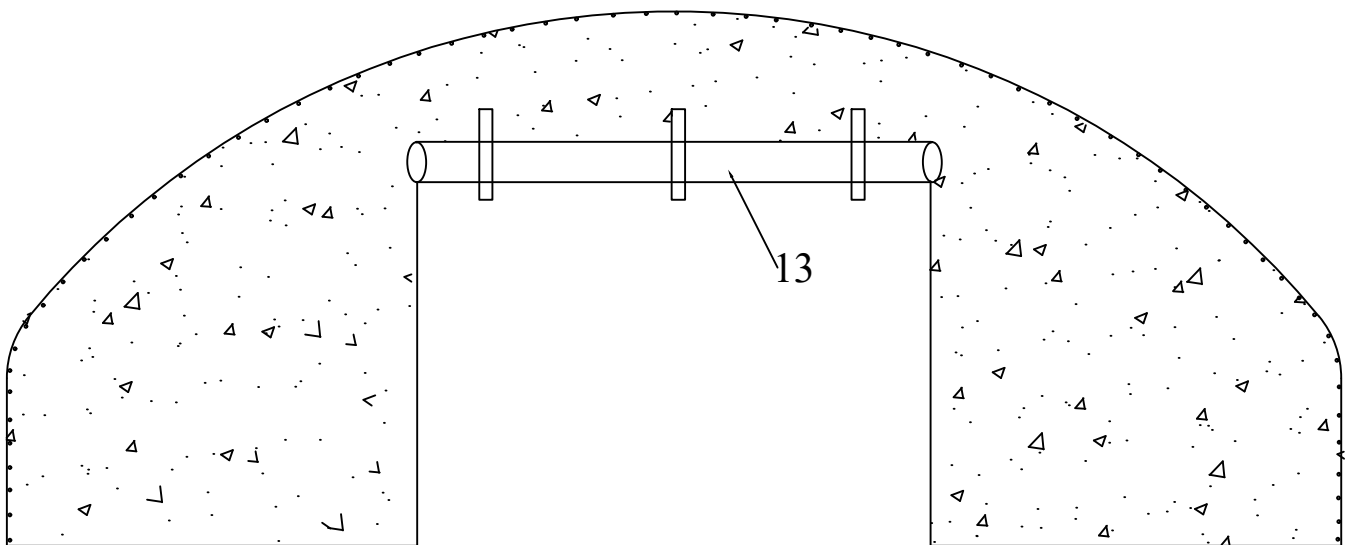
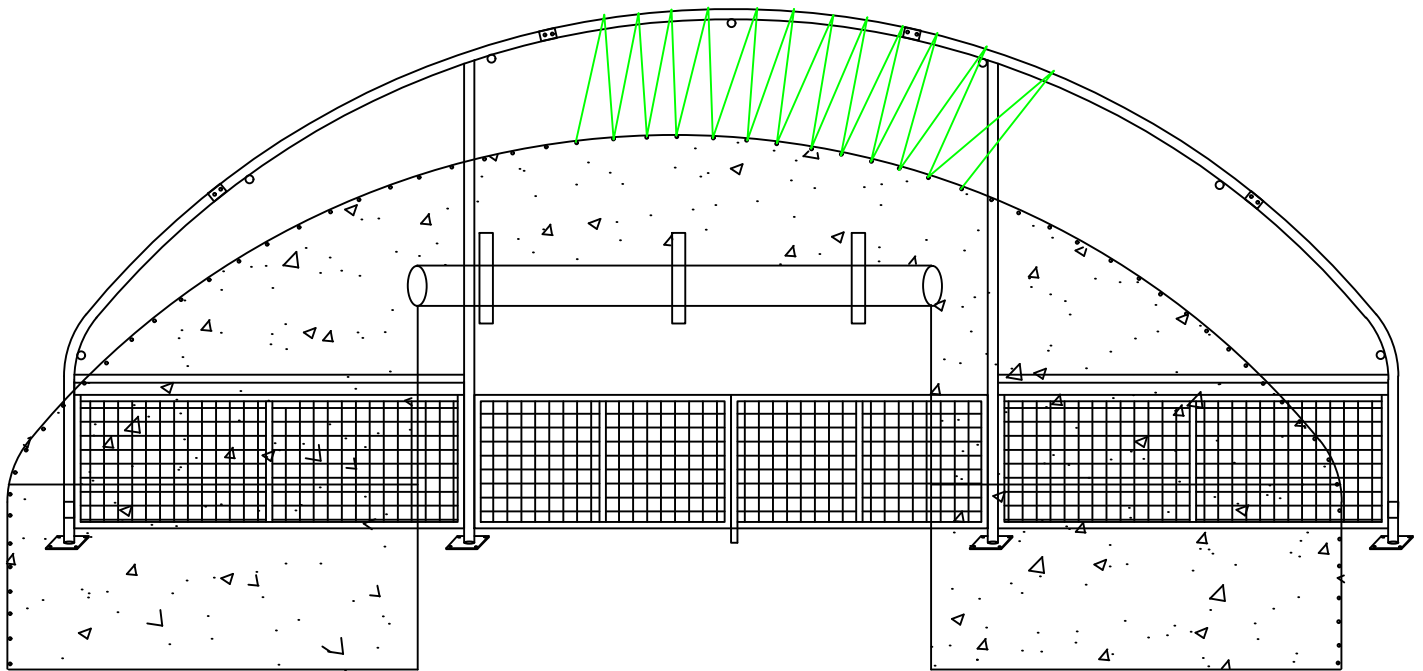


Figure 10 Installation of the Front and Back Cover