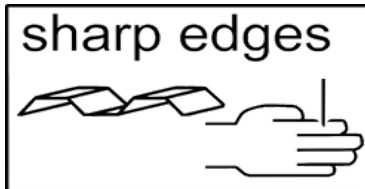




SHELTER ASSEMBLY MANUAL

Safety & Maintenance

Safety precautions MUST be always followed throughout the building construction.



Care must be taken when handling various building pieces as they may contain sharp pieces. Please ensure you are always wearing work gloves, eye protection and long sleeves when assembling or performing any maintenance on your building.



Practice caution with the tools being used in the assembly of this building. Be especially familiar with the operation of all the power tools.



Do not attempt to assemble your building in high winds. The large panels can catch the wind 'like a sail' causing them to be whipped around. Do not attempt assembly until you double check you have all parts and hardware needed. Any partially assembled building may be damaged even upon light winds.



Never concentrate your weight on the roof of the building. When using a step ladder make sure that it's fully open even on the ground before climbing upon it.



Always keep children and pets away from the worksite to avoid accidents and distractions.

Important note of anchoring: Your building MUST be anchored to prevent wind damage. See anchoring page for more information. You must always have a temporary anchoring system in place in case you need to take a break from assembly.

Exterior care

For a long lasting finish, clean and wax the exterior surface. We recommend washing with a mild soap solution. DO NOT use power washing to clean your shed. Using a spray automotive type wax periodically on the exterior is highly recommended if you are in a high humidity or coastal climate region.

Combustibles and corrosives must be stored in air tight containers designed for chemical and/or combustible storage. Corrosive chemicals such as fertilizers, pesticides and herbicides should be cleaned off the interior and exterior surfaces immediately. Rust caused by chemical damage is not covered by the warranty.

Rust protection precautions may help to stop rust from developing or stop it quickly as soon as it appears.

- Avoid nicking or scraping the coating surface inside and out.
- Keep the roof and base perimeter free of debris and leaves which may accumulate and retain moisture. These can do double damage since they give off acid as they decay.
- Touch up scrapes or nicks and any areas of rust immediately. Make sure the surface is free of moisture, oils, dirt and grime before applying an even layer of touch up paint.
- Various paint manufacturers provide products for rust treatment and coverage. If surface rust does appear on your shed, we recommend treating those areas as soon as possible.
- Our customer service department can provide the paint tinting formula for matching the colour of your shed.

Roof: Keep the roof clear of leaves and snow. Heavy amounts of snow on the roof can damage the building making it unsafe to enter.

Fasteners: Regularly check fasteners and retighten if necessary.

General: Wash off inked part numbers on coated panels with soap and water.

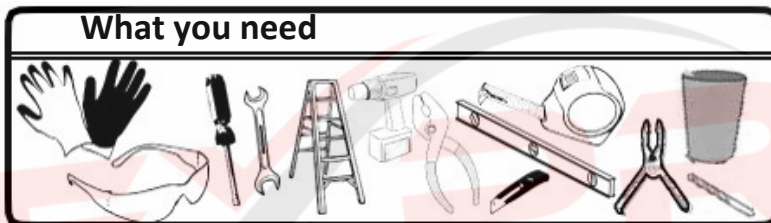
Please note, manufacturer cannot be held responsible for any consequences due to buildings that are not installed per these instructions, or for damage due to weather conditions or acts of God.

Assembly Tips & Tools

Watch the weather closely: Be sure the day you choose to install the building is dry with low winds. DO NOT attempt to assemble your building on a windy day. Be careful on wet and muddy ground.

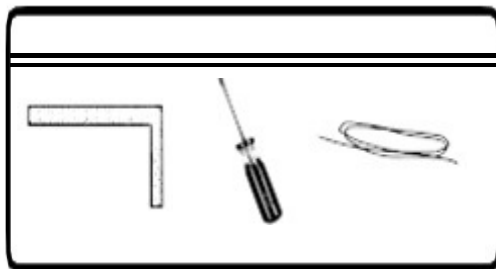
Use teamwork: Two or more people are required to assemble your building. One person can hold the parts and panels while the other person fastens them and handles the tools. This makes the process of assembling your building faster and safer.

Tools and materials: Below is a list of some basic tools and materials needed to assemble your building. Decide which method of anchoring you will need and which type of best you will use to make a complete list of the necessary materials needed.



- Work gloves & safety glasses
- Nut driver or wrench
- Step ladder 8'
- Power drill (Cordless, varied speed)
- Pliers
- Utility knife or scissors
- Carpenter's level
- Tape measure
- Clamp
- Grout (Asphalt base)
- 7/8" x 13" Masonry bit (Asphalt base)
- 1/2" x 8" Masonry bit (Concrete base)

Recommended time savers



- Square
- String (for squaring the frame)
- Awl (to align holes)

How to Select and Prepare Your Building Site: Before you start to assemble your building, you will want to decide on a good location. The best location is a level area with good drainage.

Allow enough working space so it is not difficult to move parts into position for assembly. Also, there needs to be enough space outside the building to be able to fasten the panel screws from the outside.

Before assembling any parts, your base should be constructed, and an anchoring system should be ready to use.

PLEASE READ AND UNDERSTAND INSTRUCTIONS COMPLETELY BEFORE ASSEMBLY.

LAY OUT FRAME PARTS AS BELOW:

Part Code	Description	QTY
1	Top Bent Tube Upper Bent Tube Lower Bent Tube	5
2	Bottom Bent Tube Purlin Top Tensioner Top	10
3	Longitudinal Wire Rope Top Arc Support Clip Left	10
4	Base Plate for Corners Left Base Plate for Inner	10
5	Arch Tube Right Base Plate for Corners Right Base	44
6	Plate for Inner Arch Tube Ratchet Nylon Strap for	24
6A	Ratchet Lower Tension Tube for Roof Cover Bolt	5
6B	M12*40 Tool Carriage Bolt M10*90 Roof Cover	16
7	Ratchet Strap Plastic Plug Base Plate for Cover	110
8LA	Standing Leg	2
8L	Left Base Plate for Corners for Left Standing Leg	3
8RA	Base Plate for Left Standing Leg	2
8R	Right Base Plate for Corners for Right Standing Leg	3
9	Base Plate for Right Standing Leg	14
10	Carriage Bolt M8*80	10
11	Ratchet for Tension Front Cover	10/2 groups
12	Tensioning Tube for Front Tube	190 sets
12A	Front Cover	2
13	PPR Tube	55 sets
14	Angle Plate for Base Plate	1
15	Small Ratchet with Tension Band	1
16		12
17		4
18		10
19LA		2
19L		3
19RA		2
19R		3
20		20 sets
21		6
22		4
23		2
24		2
25		10
26		34

⚠ WARNING

SAFETY TIPS

Always wear correct safety equipment such as safety glasses and gloves
1.

SPECIFICATION

Width: 18m Length: 12m Height: 4.5m

PLOTTING THE FRAME:

Before building your shelter, you should choose a flat area on your property and plot your shelter.

A. Stake out the area for the shelter in the desired spot. The width of the area should be at least equal to the width of the shelter and the length should be equal to the length of the shelter.

B. Measure diagonally from center to center of the tubes. These measurements should be the same. If they are not equal the stakes need to be adjusted until the width, length and inside measurements are correct.

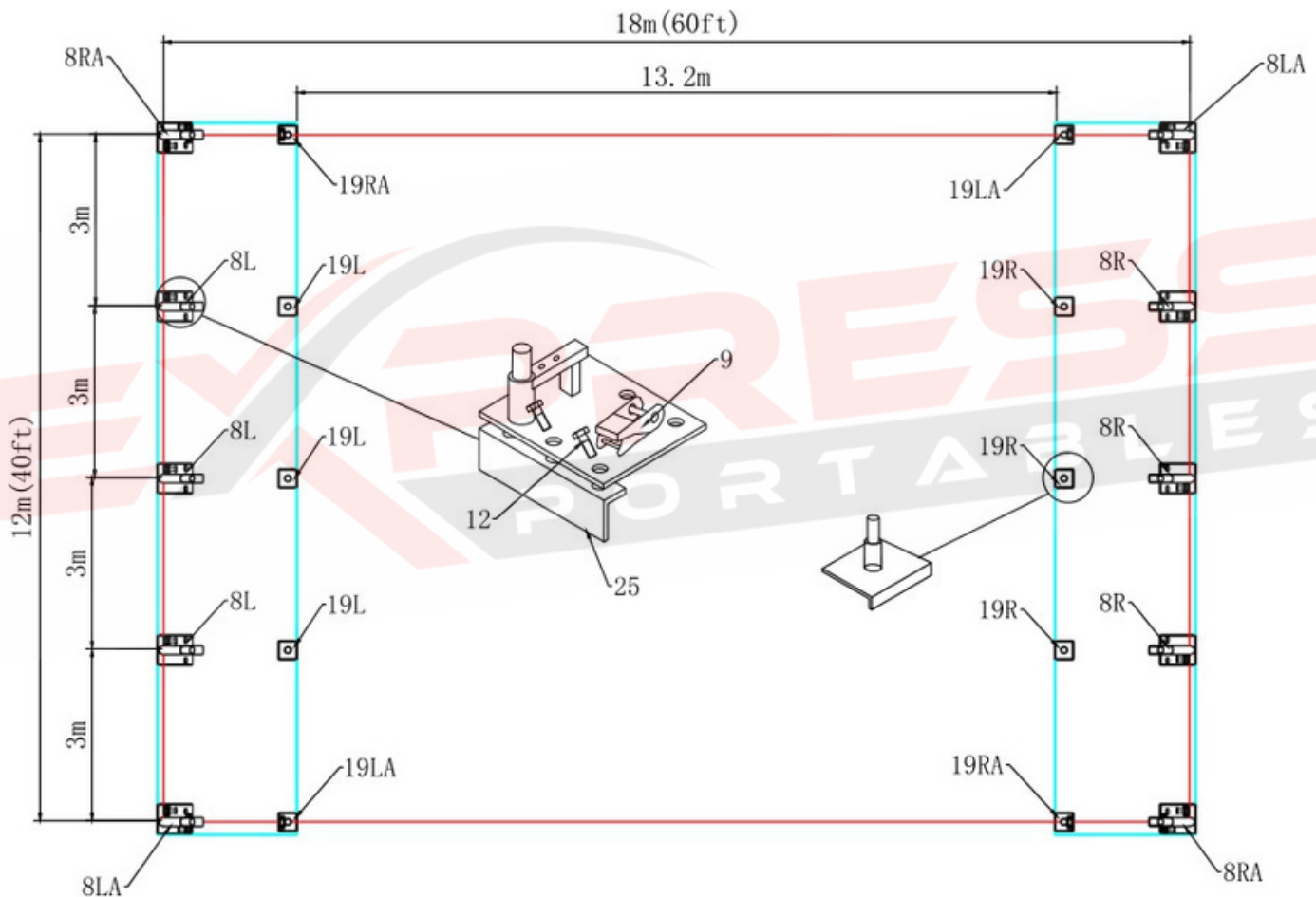


Figure 1

2. FOUNDATION PLACEMENT

2.1 The measure is from center to center of the tubes. Referring to the above diagram and confirm the place of the base plates. **Ensure that the foundations are square.**

2.2 All the base plates need to use a welder to be welded on the containers.

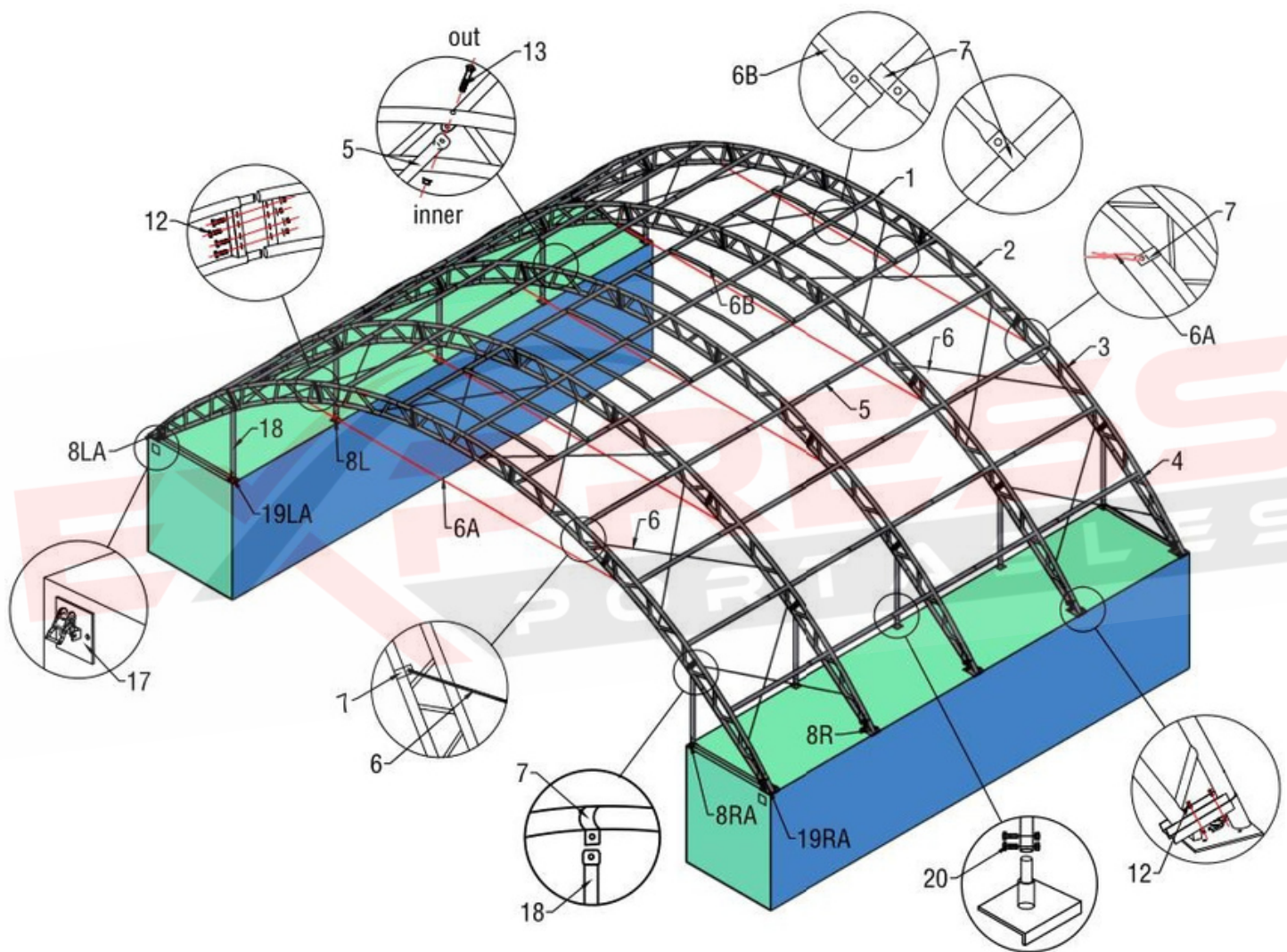


Figure 2

3. FRAME INSTALLATION

3.1As Figure 3 shows connect the top bent tube (NO.1), middle bent tube (NO.2), and sidewall bent tube (NO.3) by using Bolt (NO.12), which makes one group of arches.

3.2As Figure 4 shows, connect standing leg (NO.18) with clip (NO.7) and Bolt (NO.20).

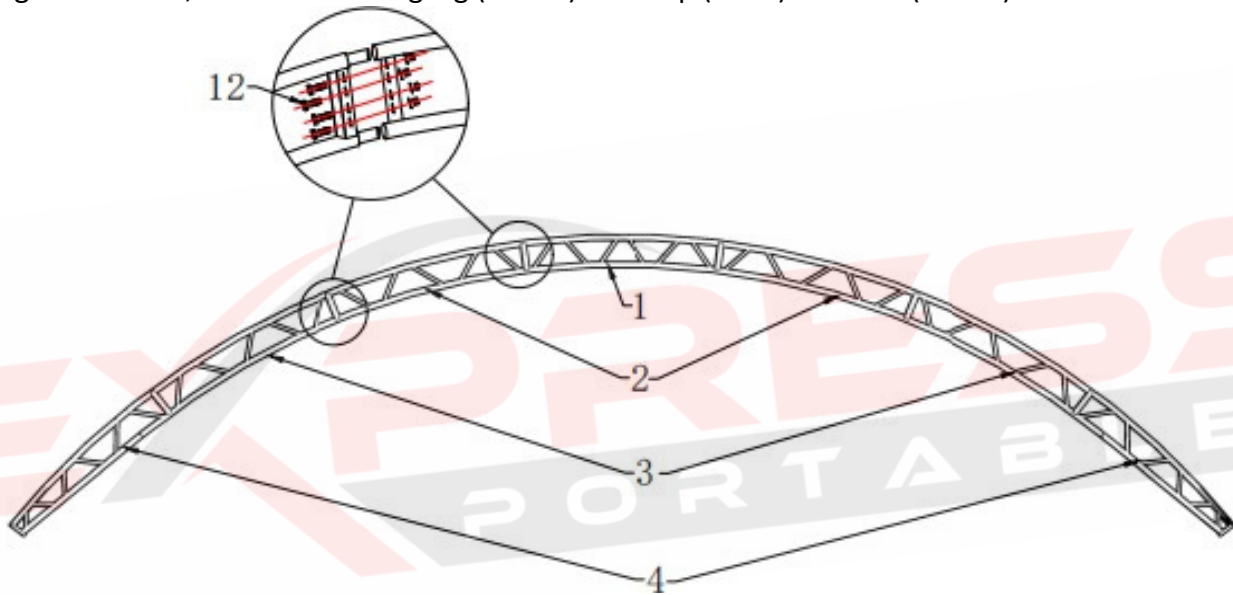


Figure 3

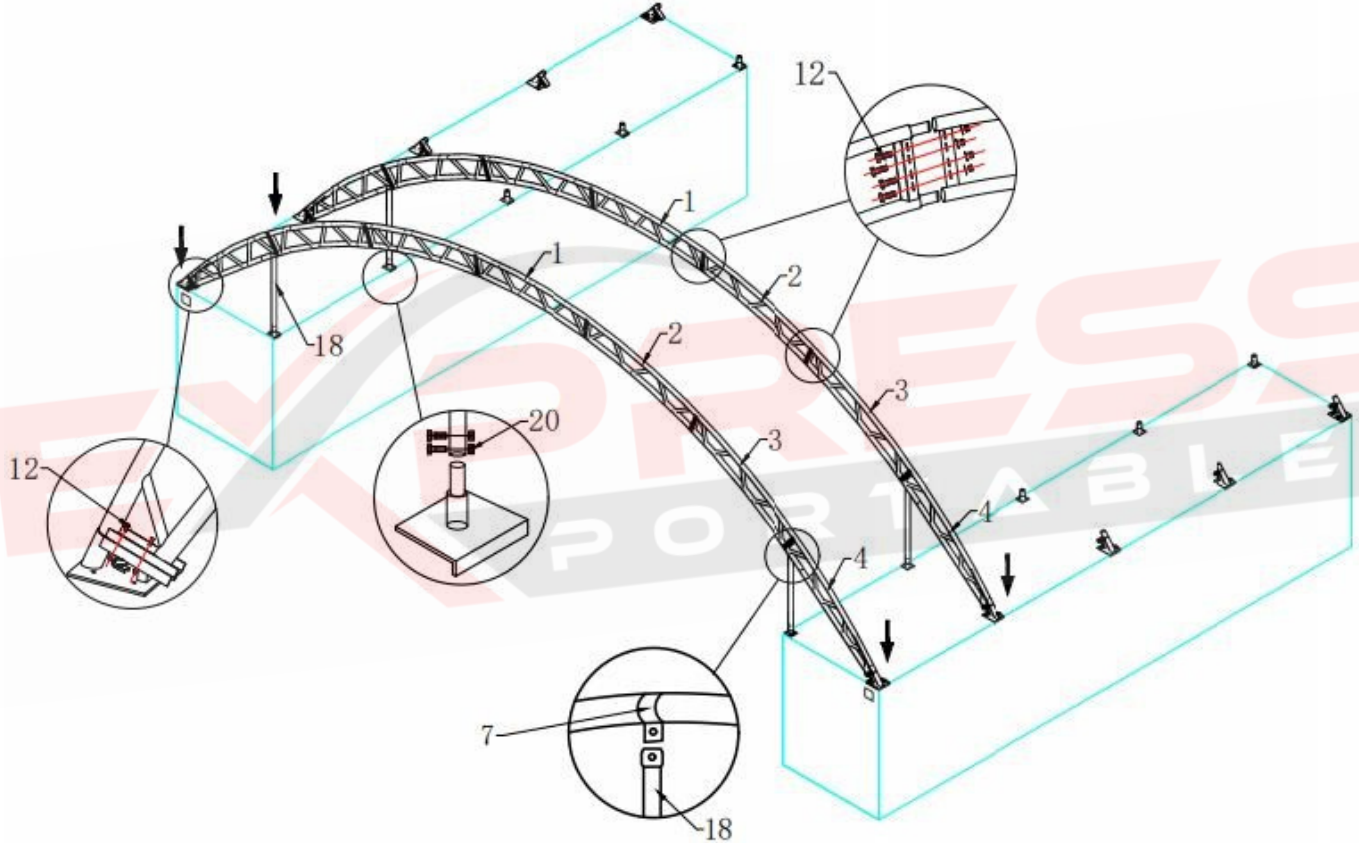


Figure 4

3.3After you finish installing the first two arches, connect the connection purlin NO.5 and diagonal support tube (NO.6A) on them by using Bolt10*80mm (NO.13). Then install the third arch into base plate and connect other purlins.

WARNING: Serious injury to persons or property could result if cover is installed and shelter is not completed and is left unattended. Shelter must be securely anchored until completed.

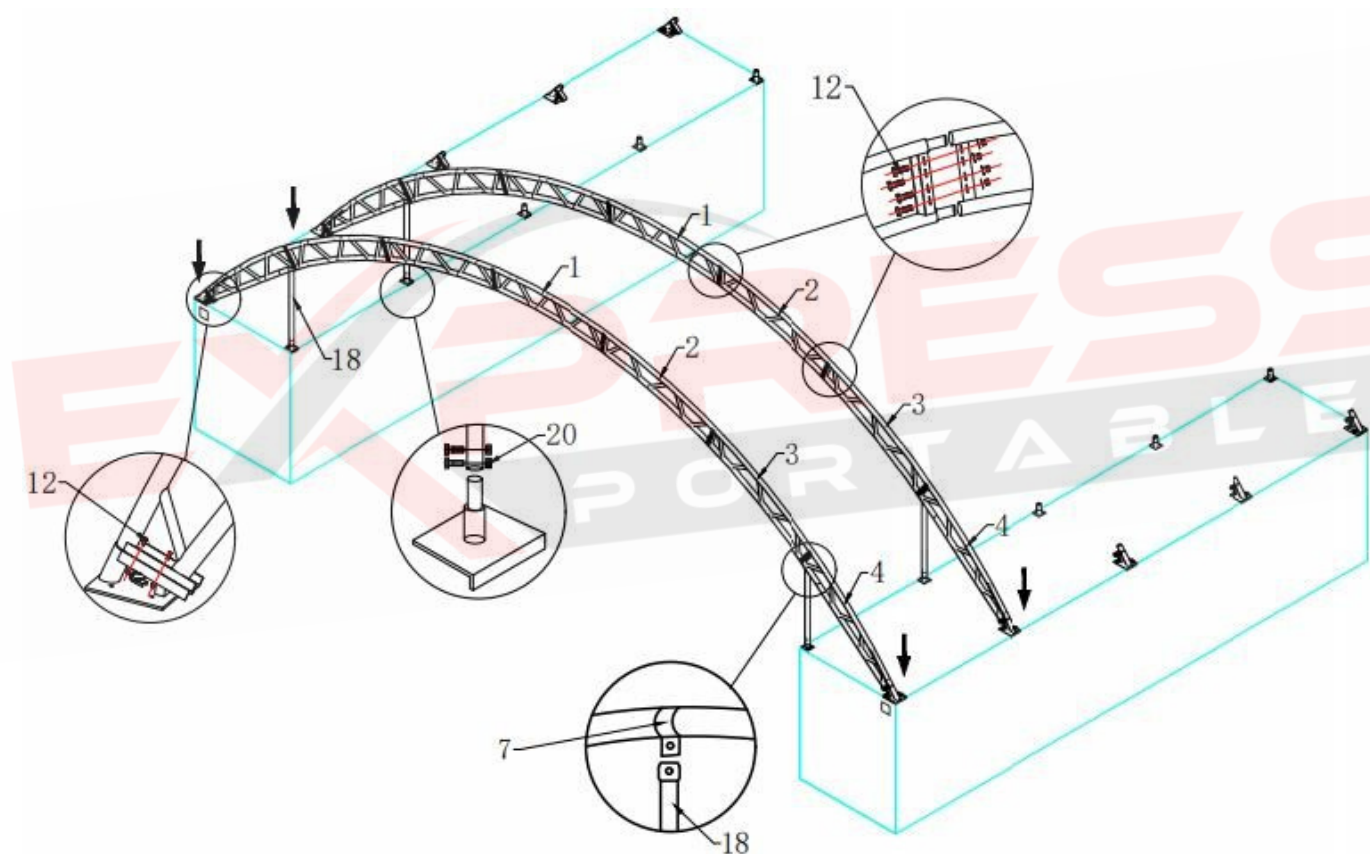


Figure 5

4.END PANEL INSTALLATION

4.1 Use the supplied Rope (No. 15) to tighten the roof cover to the end arches. The Nylon should be cut to your requirements when using. Fasten the Nylon Band at the bottom edge then the roof cover will be tightened. As shown in Figure 6-7.

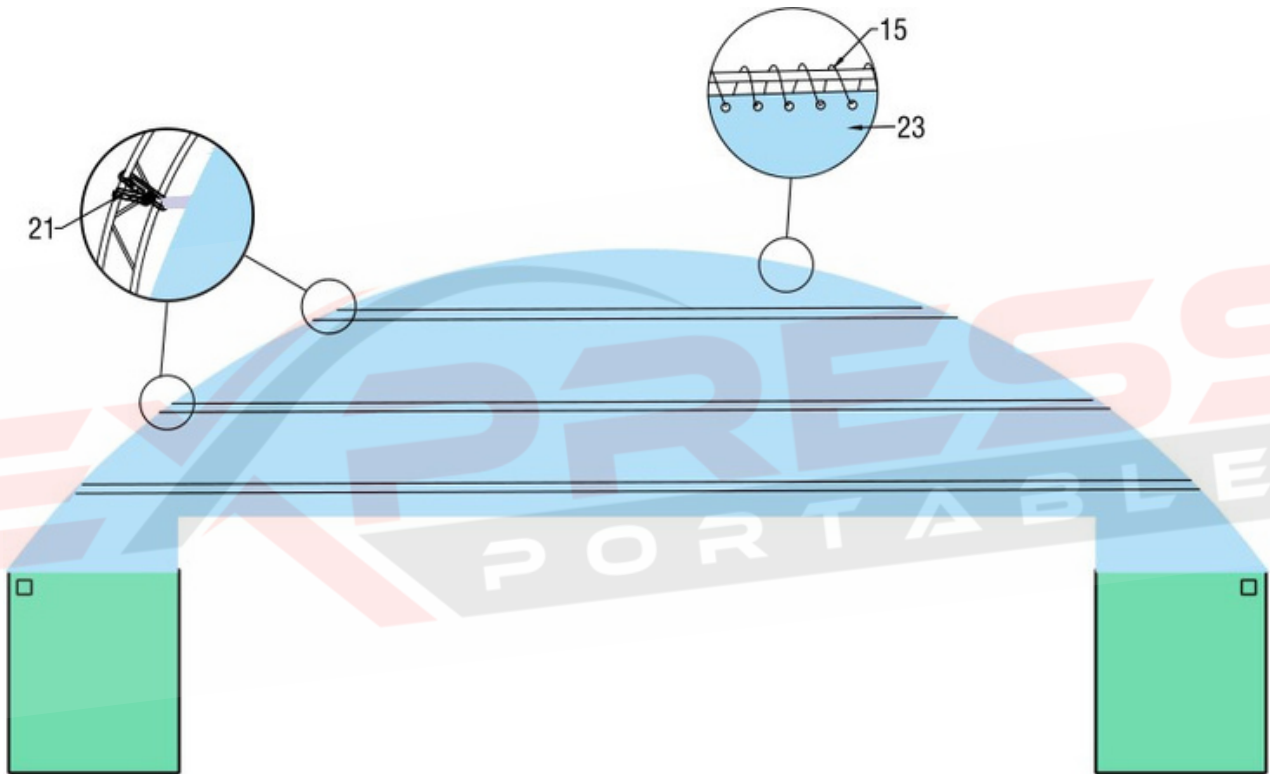


Figure 6



Figure 7

5. 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.

5.1 Put the roof cover (No.14) evenly, carefully and slowly on the frame. Adjust the cover so that it is square and evenly centered on the frame.

5.2 Weld the base plate (No.17) on each container and tie the roof cover to the base plate.

5.3 Cut pockets according to the position of the base plates and put the lower tension tubes for roof cover (NO. 11) into the pocket of roof cover. Then use the Ratchet Straps (NO.15) to tie down the lower tension tubes as shown. Finally install the plastic plug for base rail section (NO. 16) into two ends of the Lower tension tubes.

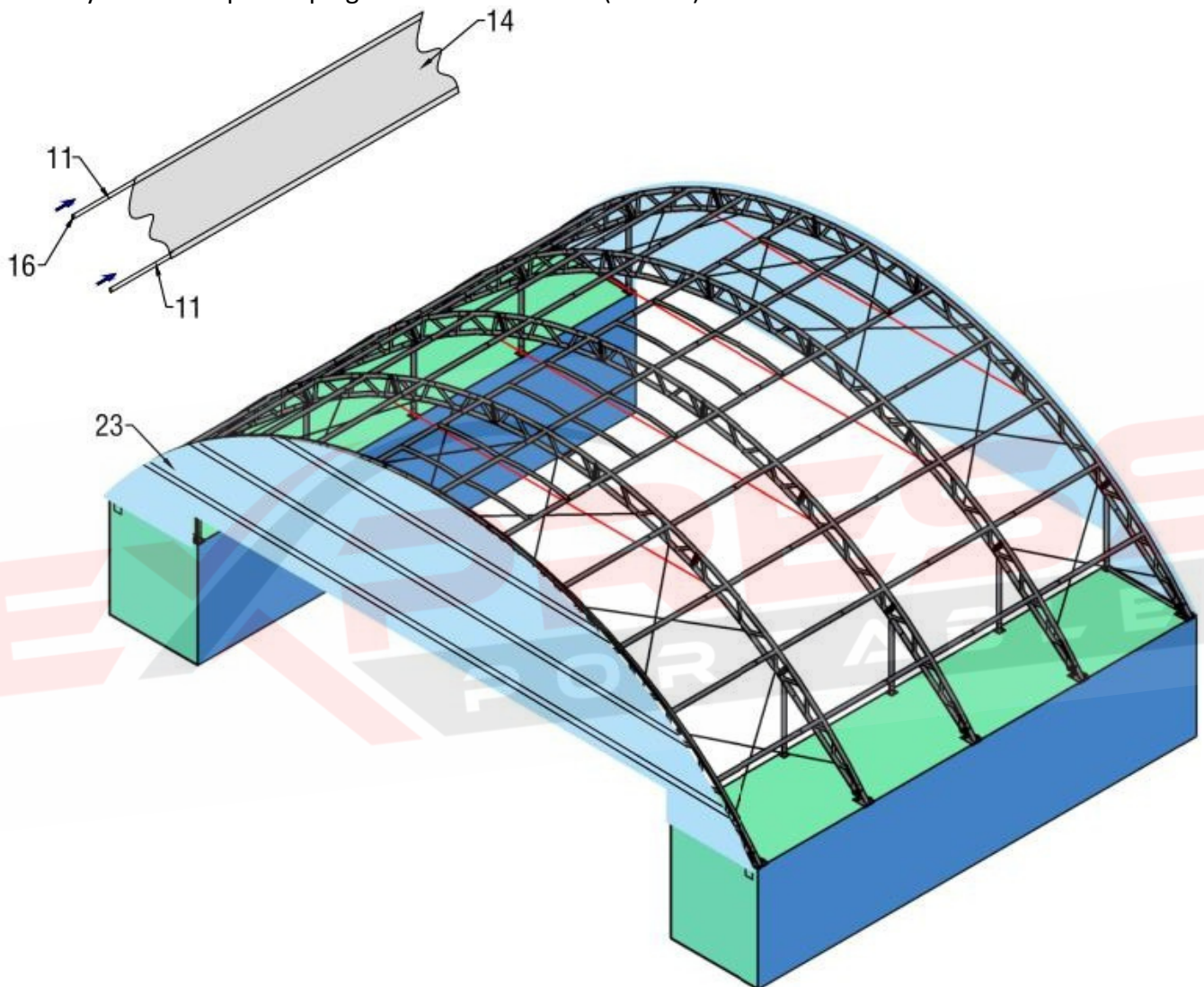


Figure 8

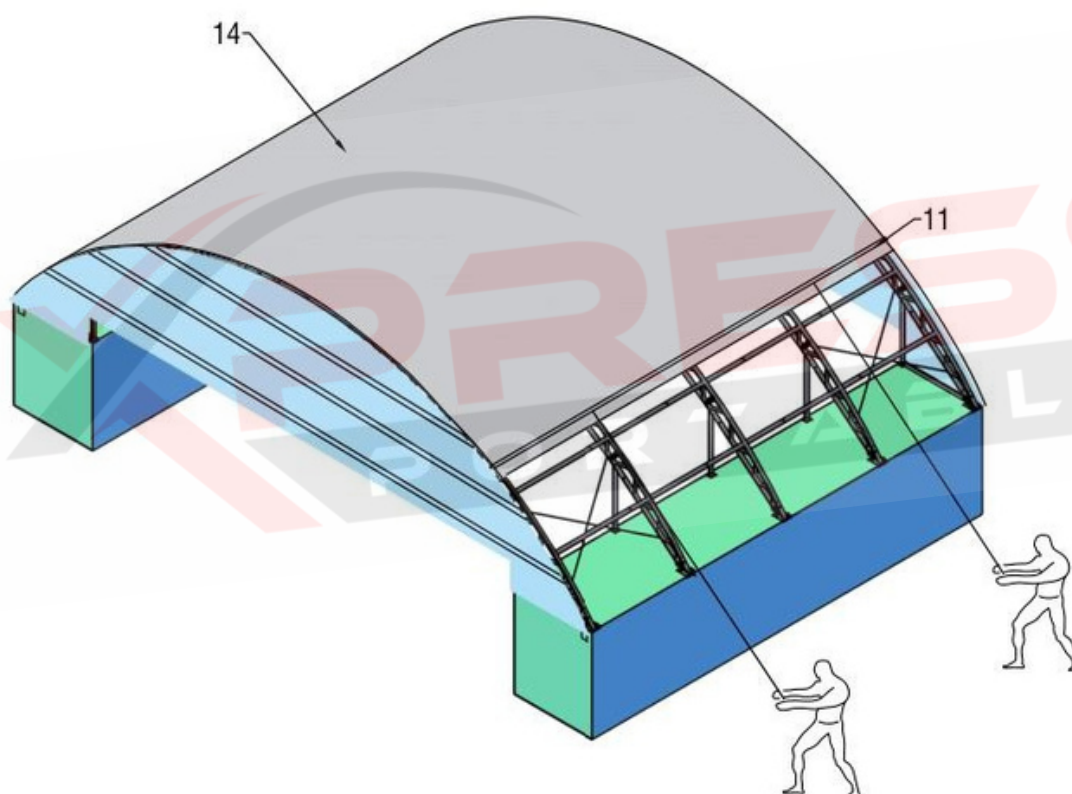


Figure 9

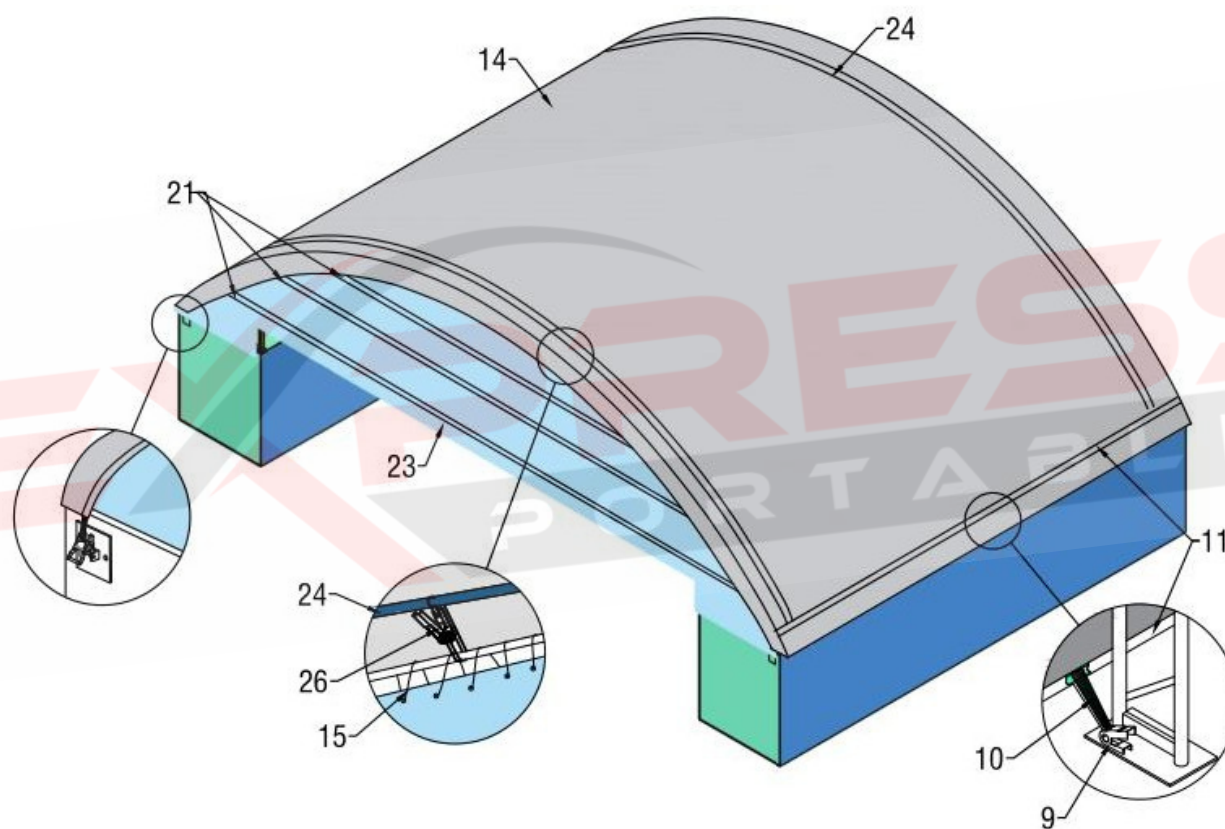


Figure 10

4.4 Do not forget to insert PPR tube (No.24) into the front and back ends of roof cover and combine them by rope.

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

NOTE:

1. Cloth tape for wrapping the gaps on the frame after frame installation.
2. Please adjust the roof cover every month. It's necessary to make the cover flat and well tensioned

Confirm that all the hardware and parts are present before attempting to assemble your storage unit.