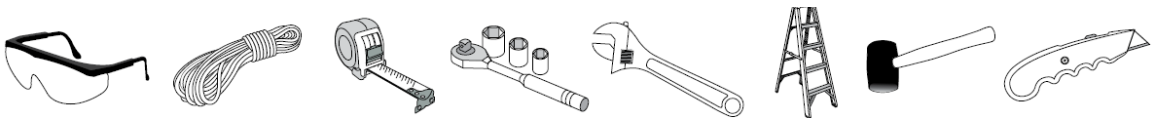
HAY STORAGE BUILDING ASSEMBLY MANUAL Model # 304015 L12.20 x W9.15 x H4.5m

RECOMMENDED TOOLS



Please read instructions COMPLETELY before assembly. This tent MUST be securely anchored.

THIS IS A TEMPORARY STRUCTURE AND NOT RECOMMENDED AS A PERMANENT STRUCTURE.

YOU MUST READ THIS DOCUMENT BEFORE YOU BEGIN TO ASSEMBLE THE TENT.

Thank you for purchasing our tent. When properly assembled and maintained, this product will provide years of reliable service. These instructions include helpful hints and important information needed to safely assemble and properly maintain the tent. Please read these instructions ***before*** you begin.

If you have any questions during the assembly, please contact local dealer for assistance.

SAFETY PRECAUTIONS

. Wear eye protection.
. Wear head protection
. Wear gloves when handling metal tubes
. Use a portable GFCI (Ground Fault Circuit Interrupter) when working with power tools and cords.
. Do not climb on the tent or framing during or after construction.
. Do not occupy the tent during high winds, tornadoes, or hurricanes.
. Provide adequate ventilation if the structure is enclosed.
. Do not store hazardous materials in the tent.
. Provide proper ingress and egress to prevent entrapment.

ANCHORING INSTRUCTIONS

Prior to assembling this tent, please read the ***MUST READ*** document included with the shipment.

⚠**WARNING:** The anchor assembly is an integral part of the tent construction. Improper anchoring may cause tent instability and failure of the structure. Failing to anchor the tent properly ***will void the manufacturer's warranty*** and may cause serious injury and damage.

LOCATION

Choosing the proper location is an important step before you begin to assemble the structure.

The following suggestions and precautions will help you determine whether your selected location is the best location.

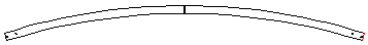
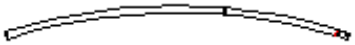
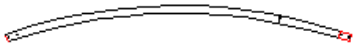
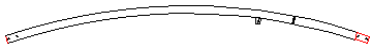
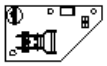
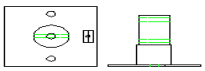
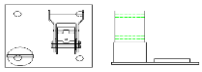
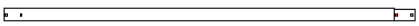
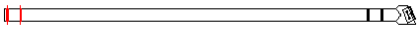
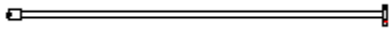
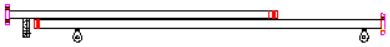
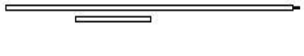
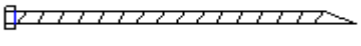
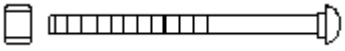
. Never erect the structure under power lines.
. Identify whether underground cables and pipes are present ***before*** preparing the site or anchoring the structure.
. Location should be away from structures that could cause snow to drift on or around the building
. Do not position the tent where large loads such as snow and ice, large tree branches, or other overhead obstacles could fall.
. Your tent's cover can be quickly removed and stored prior to severe weather conditions. If strong winds or severe weather is forecast in your area, we recommend removal of cover.

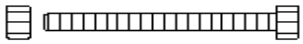
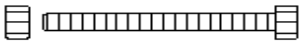
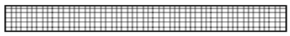
SITE

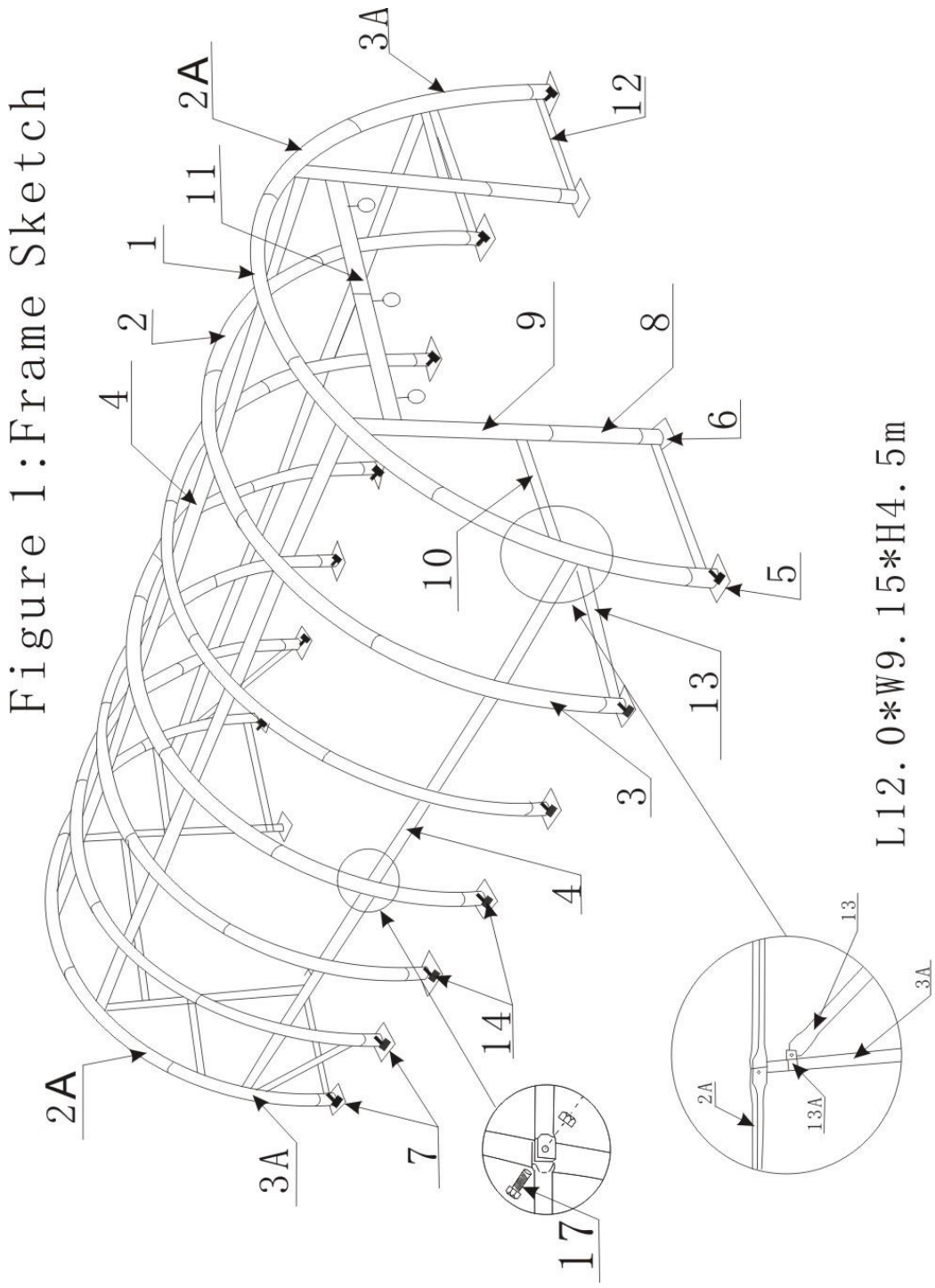
After choosing a location, proper preparation of the site is essential. The following site characteristics will help ensure the integrity of the structure.

. The support structure must be level to properly and safely erect and anchor the frame.
. Drainage: Water draining off the structure and from areas surrounding the site should drain away from the site to prevent damage to the site, the structure, and contents of the structure.

⚠**WARNING:** The individuals assembling this structure are responsible for designing and furnishing all temporary bracing, shoring and support needed during the assembly process. For safety reasons, those who are not familiar with recognized construction methods and techniques ***must seek the help of a qualified contractor.***

Parts List of SS304015 W9.15xL12.06xH4.5m			
No.	**Parts Name**	**Parts Drawings**	**Q'ty**
1	Roof Bent Tube		7
2	Middle Bent Tube		10
2A	Middle Bent Tube for front and back door		4
3	Lower Bent Tube		10
3A	Lower Bent Tube for front and back door		4
4	Pulins		30
5	Base Plate for four corners		4
6	Base Plate for front and back door		4
7	Base Plate for inner sidewall		10
8	Lower Portal for door frame		4
9	Upper Portal for door frame		4
10	Side Rail for door frame		4
11	Crossbeam for door frame(2sets)		2+2
12	Tension Tube for front and back door		4
13	Support Tube		4
13A	Clip for No. 13		8
14	Tension Tube for Roof Cover(2sets)		8+2
15	Door Bracing Tube(2sets)		2+2
16	Stake Peg		36
17	Bolt M10x80 for No. 4		35+5

18	Bolt M8x70 for No. 1,2,2A,3,3A		108+12
19	Bolt M10x30 for No. 10		16+2
20	Bolt M8x60 for No. 11		10+2
21	Winch been installed on the base plate		14
22	Roof Cover		1
23	Front and Back Door Cover		1 each
24	Knitting Rope for No. 22,23		7
25	Nylon Band for Winch		14
26	Plug for No.12,14, 15		14
28	40cm Nylon Tie		130
29	75cm Nylon Tie		70
30	Spiral peg M16*600		18
31	Tool for spiral peg		1
32	Wrench 14*17		2
33	Wrench 13*15		2



EQUIPMENT AND MATERIAL FOR INSTALLATION

1. Measuring Tape
2. String for Alignment
3. Stakes
4. Step Ladder
5. Sledge Hammer
6. Drill
7. Wrench

INSTALLATION PROCESS

A—BASE PLATES INSTALLATION

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

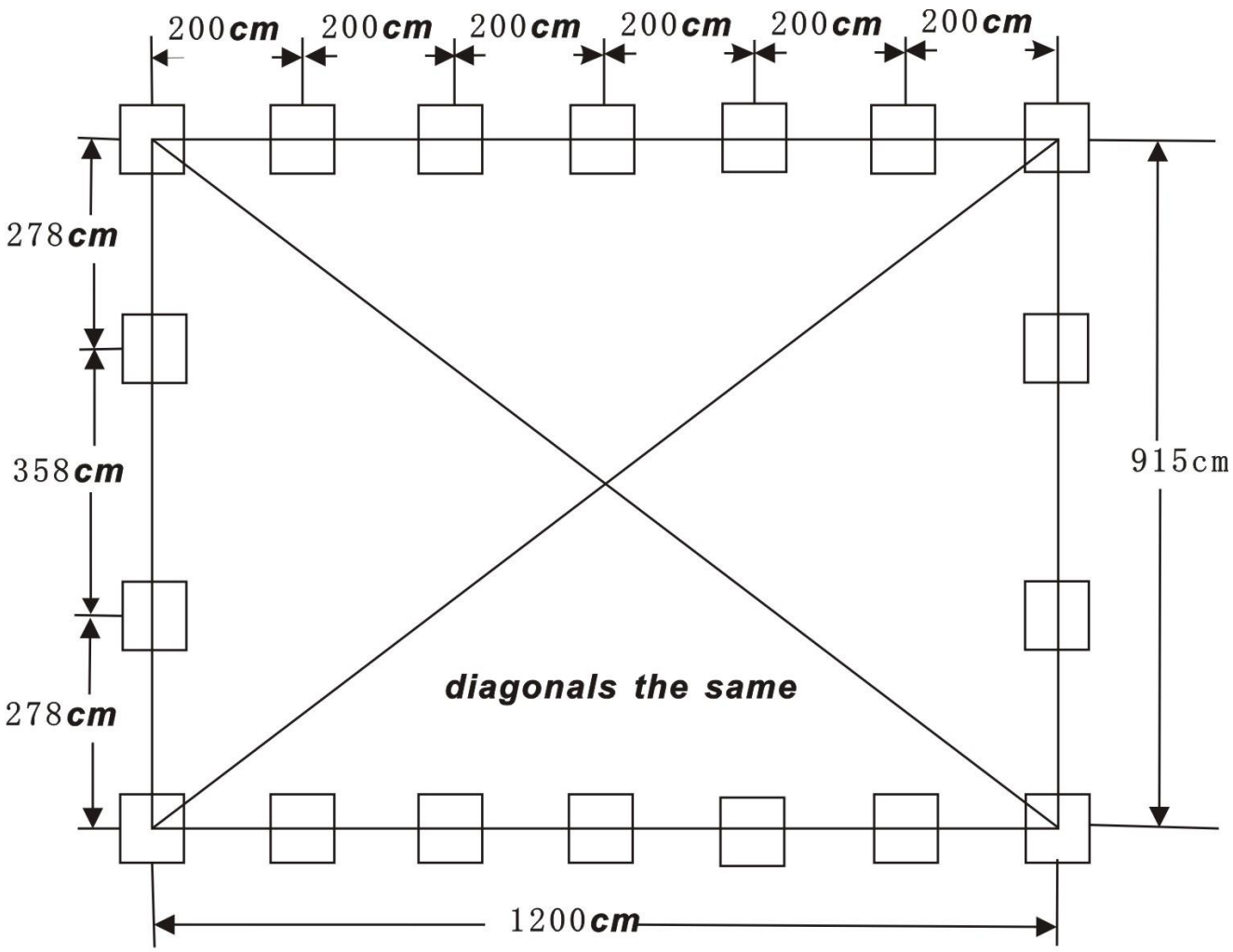


Figure 2

1. The measurement is from center to center of the tubes. Referring to the above diagram and confirm the place of base plates. ENSURE THAT THE FOUNDATION IS SQUARE.
2. There are three holes on the Base Plates (No.5, 7) and two holes on the Base Plate (No. 6), for Stake Peg (No. 16). Refer to Figure 3 to place the stake pegs, THUS ALL BASE PLATES ARE SECURED.

Foundation placement

As Figure 3 shows each Base Plate (No.5 No.6 & No.7) is equipped with 2 pieces of Stake Pegs (No.16) and 1 piece of sprial pegs(No.30)

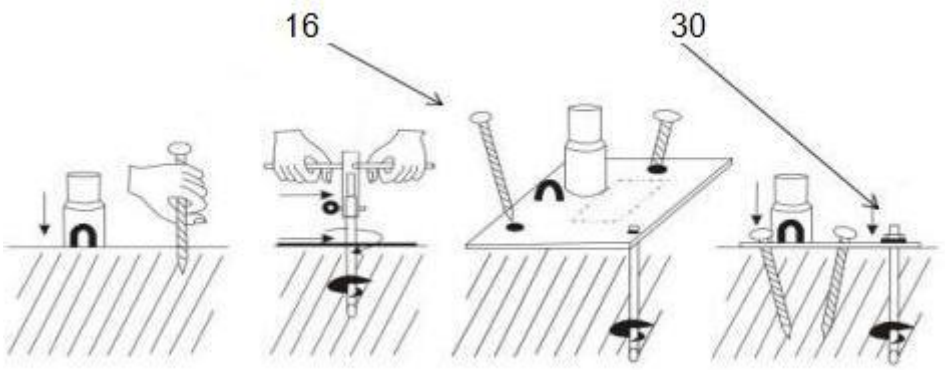


Figure 3

Method of Placing Stake pegs

Mark the position through the hole of base plate by using the stake peg. Move the base plates away and the mark determines where the stake peg will be.

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

B—FRAME INSTALLATION

1. As Figure 4 shown find Roof Bent Tube (No.1), Middle Bent Tube (No. 2) and Lower Bent Tube (No. 3) and assemble every group arch with Screw M8x70 (No.20) DO NOT installs the screws on the top of the truss where the fabric will rest.

Note: Middle Bent Tube and Lower Bent Tube for two ends (No.2A & 3A) which are welded with steel plates for upper portal (No. 9) and Side Rail (No.10) are different from the middle.

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

IMPORTANT: THE ARCHES WILL BE WIDER THAN THE BASE PLATES

1. When finish installing the first two arches into the base pates, use Purlins (No. 4) to connect them by Screw M10x80 (No.19). Then install the third arch into the plate and connect the Purlin. In this turn, one arch and then purlins. Then come to install the front panel and back panel. Find the relative components and assemble them.
2. Connect the Diagonal Bracing Tube (No.13) with Clip (No.13A) between the Lower Bent

Tubes as Figure 1.

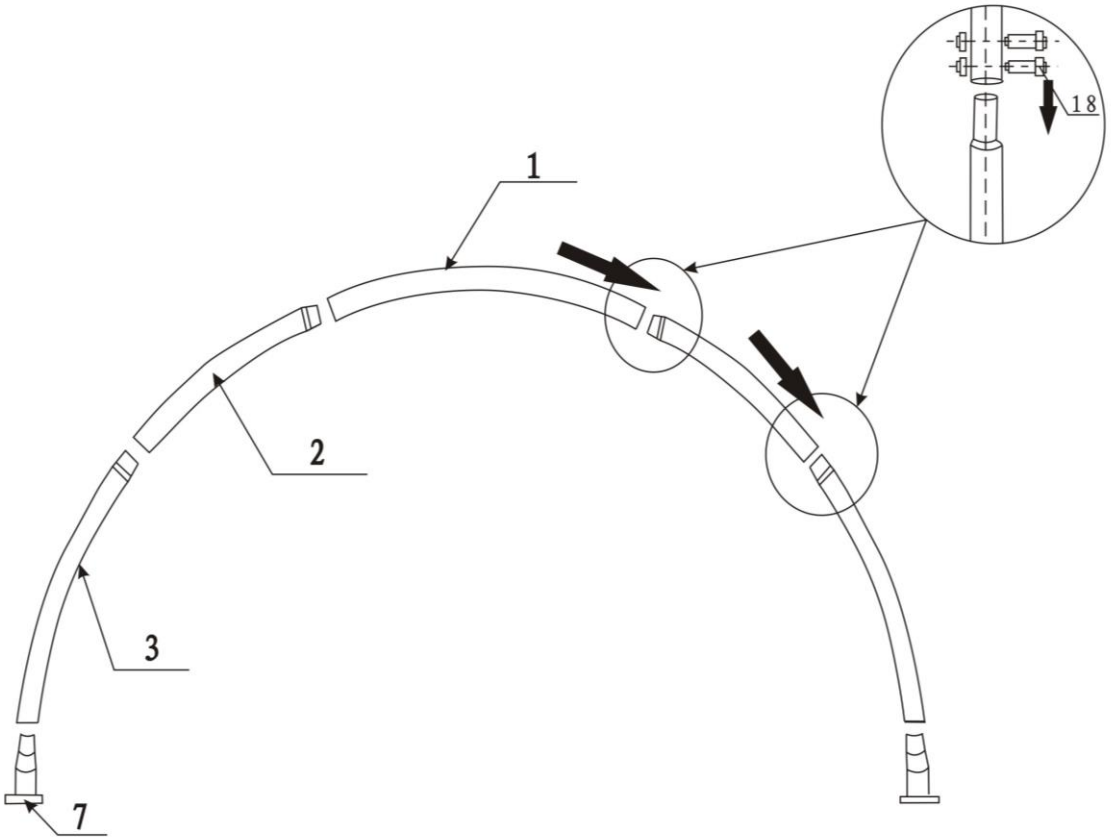


Figure 4

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

1. Roll out the roof cover on a ground sheet. Align the cover evenly to each end of the frame. Note: Be sure doing not overpull the end of the roof cover.
2. Pull the cover over the frame EVENLY, CAREFULLY AND SLOWLY. Insert the tensioning tubes (No.14) into the cover pipe pockets and loosely secure the Nylon Band (No.25) in the Winch (No.21). DO NOT TIGHTEN. Adjust the cover so that it is square and evenly centered on the frame. Put the lower tensioning tube inside.

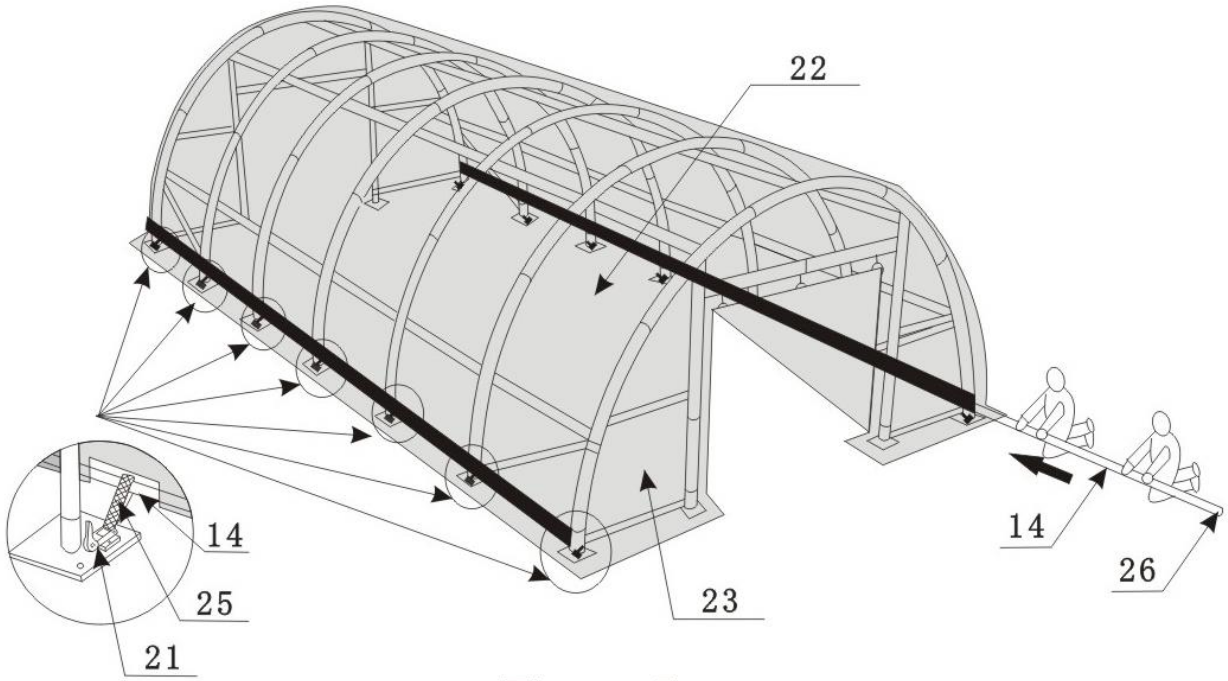


Figure 5

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

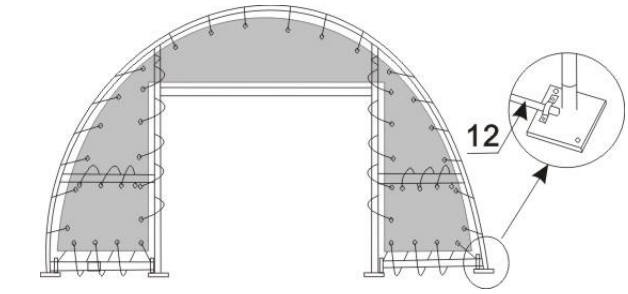
3. With the end flaps flipped back and out of the way, use the supplied rope No.24 and 75cm Nylon tie No.30 to tighten the roof cover to the end arches. The rope should be cut as your requirements when using. The recommended procedure is to use separate pieces of rope and start by first lacing the cover 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 Nylon Band (No.25) onto the tubes where the notches are. Pull the Nylon Band through the reels of Winch (No.21). Drive the Ratchet Tie Down forth and back and then roof cover is tightened.

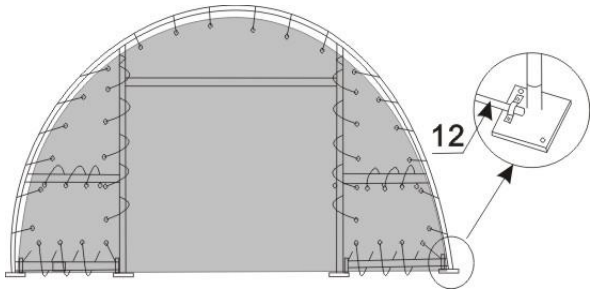
D-INSTALLING THE FRONT AND BACK COVER

Fit the Tensioning tube into the base plate as shown.

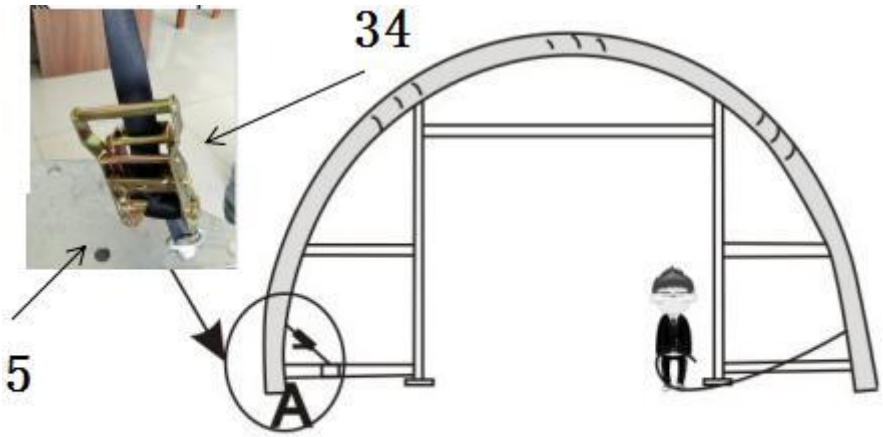
Use Knitting Rope (No.24) and 40cm nylon tie No.29 to lace the grommets in the end to the tensioning tubes evenly and tie the end covers to the frame (Roof, Middle and Lower Bent Tube, door tube and side rail).

Method of Fastening Front and Back Cover





Tidy the cover, Roof Cover, Back Cover and Front Cover. Fasten the band inside the end of the roof cover by the ratchet No.34, make the cover well fold to the frame and tighten the end of the band by ratchet No.34 to the rings on Base Plates at four corners No.5.



NOW THE INSTALLATION IS FINISHED