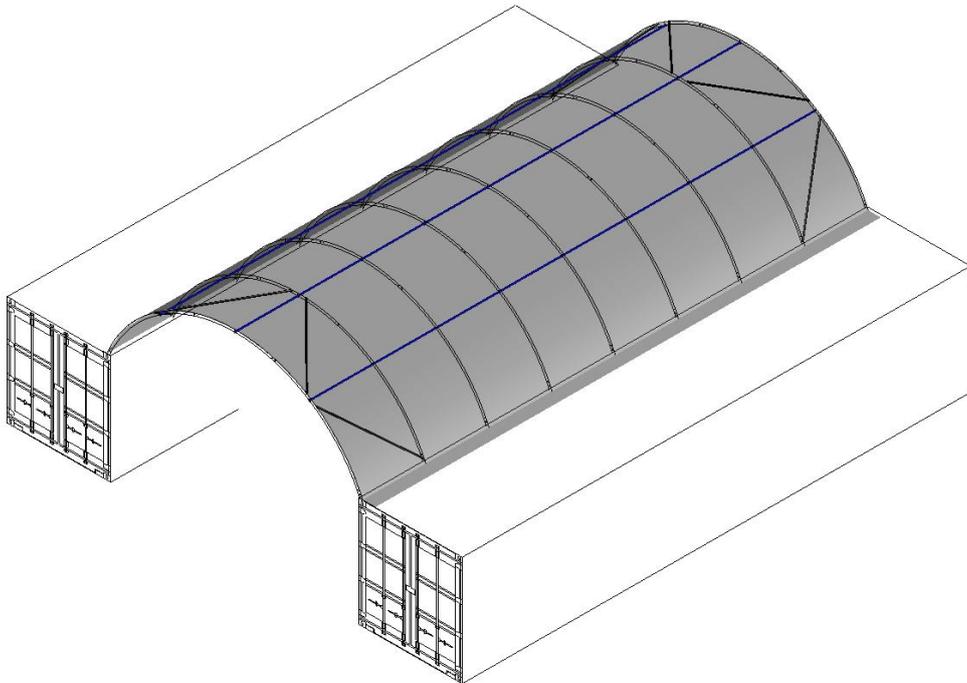


Container Shelter
Model 2040
W6.0xL12.0xH2.0m
(1.5m arch space)
Assembly Instructions



RECOMMENDED TOOLS



RECOMMENDED TOOLS

Equipment List

Speed Wrench 22#.23#.24#	
Hammer (30lb)	
Rope (12#)	
Long Tape (50m)	
Hammer Drill* 1	
Lifter*2	
Crane*1	
Forklift*1	
Protective equipment	

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

Thank you for purchasing our shelter. 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 shelter. 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 shelter or framing during or after construction.
- . Do not occupy the shelter during high winds, tornadoes, or hurricanes.
- . Provide adequate ventilation if the structure is enclosed.
- . Do not store hazardous materials in the shelter.
- . Provide proper ingress and egress to prevent entrapment.

ANCHORING INSTRUCTIONS

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

⚠ WARNING: The anchor assembly is an integral part of the shelter construction. Improper anchoring may cause shelter instability and failure of the structure. Failing to anchor the shelter 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 shelter where large loads such as snow and ice, large tree branches, or other overhead obstacles could fall.

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.**

Precautions for Shelter Installation and Maintenance

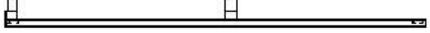
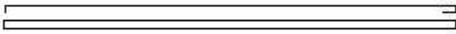
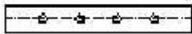
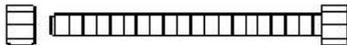
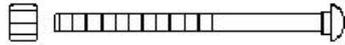
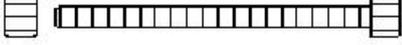
I. Precautions for Installation

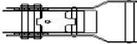
1. The installation ground should be solidified ground or concrete ground, and it must be flat to ensure that the base plate is installed firmly and reliably.
2. It is prohibited to directly fix the base plate on soft soil to prevent the stake peg from being fixed loosely.
3. When the shelter is installed on containers or precast concrete blocks, it is necessary to ensure that the containers or precast concrete blocks are firmly connected to the ground.
4. The arched fastening bolts should be used correctly, and all bolts should be fully tightened.
5. The roof cover should be tightened evenly and adjusted in multiple times to ensure that all ratchets and lashing winches are fully fastened.

II. Precautions for Maintenance

1. For newly installed shelters, check the tightening condition of the roof cover once every 2 - 3 days. If it becomes loose, it needs to be tightened again. This inspection should be carried out for 2 - 3 weeks to ensure that the tarpaulin remains firmly tightened without loosening again.
2. Check monthly whether the bolts of the shelter are loose or missing, and check whether the fastening belts (straps) of the roof cover are loose, worn, or missing.
3. Conduct a comprehensive inspection once a year. The inspection contents include whether the bolts are loose or missing, whether there is any welding crack or serious corrosion at the base plate welding and ratchet (lashing winch) welding positions, whether there is obvious settlement of the foundation, whether the base plate fixation is loose, whether the fastening belts (straps) of the roof cover are worn, and whether the tarpaulin is damaged. In case of the above situations, timely treatment is required.
4. Before and after extreme weather, the inspection contents include whether the bolts are loose or missing, whether the fastening belts (straps) of the roof cover are loose, worn, or missing, whether the base plate fixation is loose, and whether there is water accumulation on the roof cover. If there is water accumulation, drainage treatment must be carried out immediately. After drainage is completed, the roof cover should be tightened. It is prohibited to tighten the roof cover with water accumulation. In heavy snowfall weather, snow removal work should be carried out on the roof cover to prevent heavy snow accumulation on the windward side.

Parts List of Container Shelter 2040 W6xL12xH2m

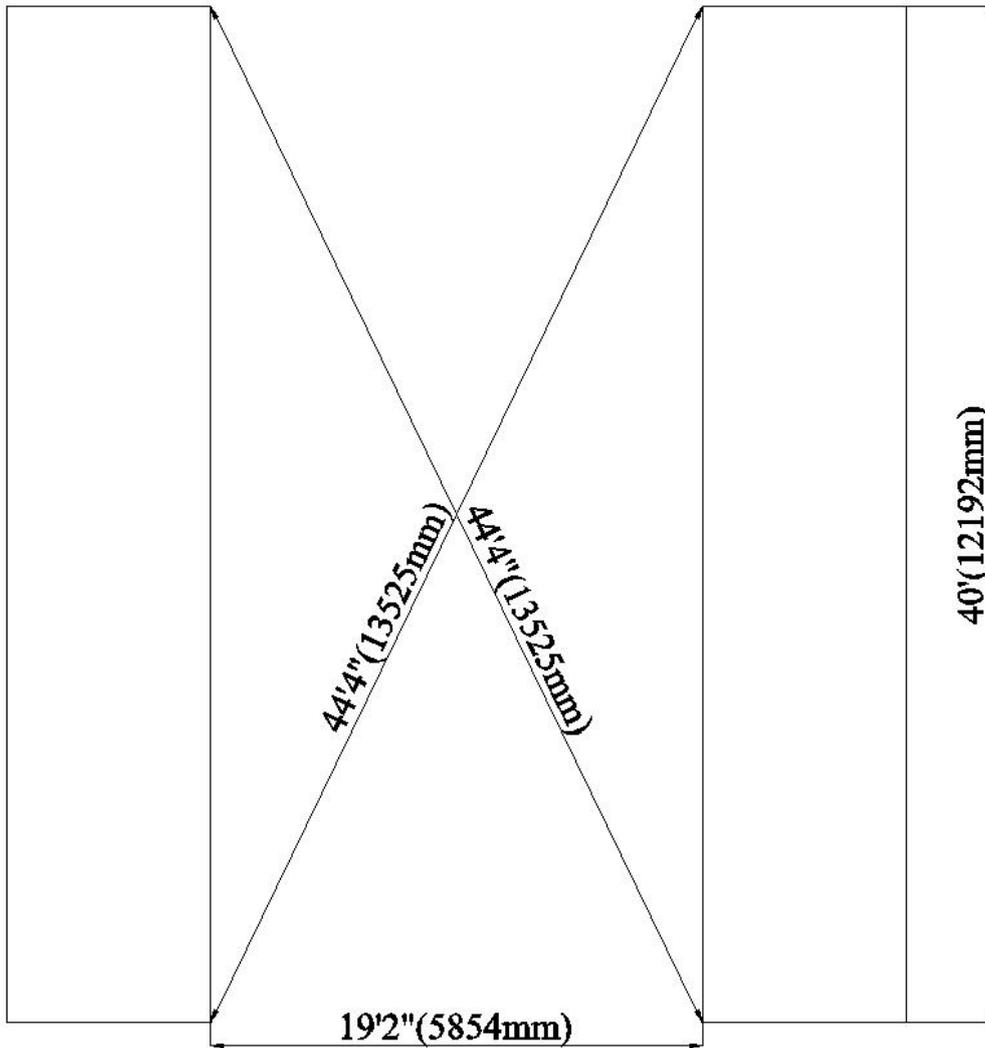
Part Code	Description	Drawings	Q'ty
1	Roof Bent Arches		9
2	Middle Bent Arches		18
3	Purlins		24
4	Bracing Tube		12
5	Square Tube Rails-1		2
5A	Square Tube Rails-1A		2
6	Square Tube Rails-2		2
6A	Square Tube Rails-2A		2
7	Square Tube Rails-3		2
8	Tension Pipe (4+1) /set		2sets
9	Connection Plate for Rails		16
10	Angle Steel Base		36
11	Φ60 clip		24
12	Bolt M8*70 for arches		72
13	Carriage Bolt M10x80 for purlins		27
14	M12x120 bolt for square tube rails		32
15	32 plug		4
16	tension strap for tension roof cover		18
17	75CM nylon tie		30
18	4# ropes		40m

19	1.5inch Winch		4
20	Roof Cover		1
20A	Duct Tape		1

CONTAINERS LOCATION:

The distance between 2 x 40ft GP container is 19'2" , make sure they are level and square to each other.

The diagonal distance from corner point to opposite corner point is 44'4" .



Framework Installation

Note: The containers must be firmly fixed to the ground before installation of the shelter

1. Connect square tube rails(No.5, No.6, No.7 and No.6A, 5A) by Connection Plate No.9 with Bolt No.14.
2. Put rails on the top of container, then weld them with container through angle seat No.10.

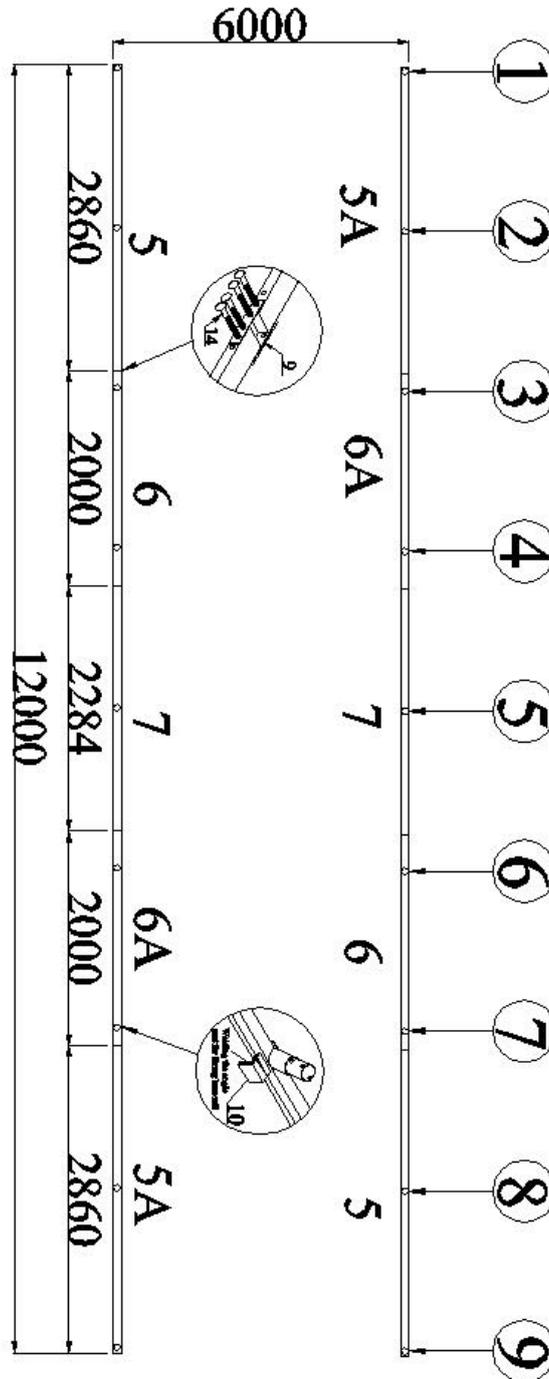
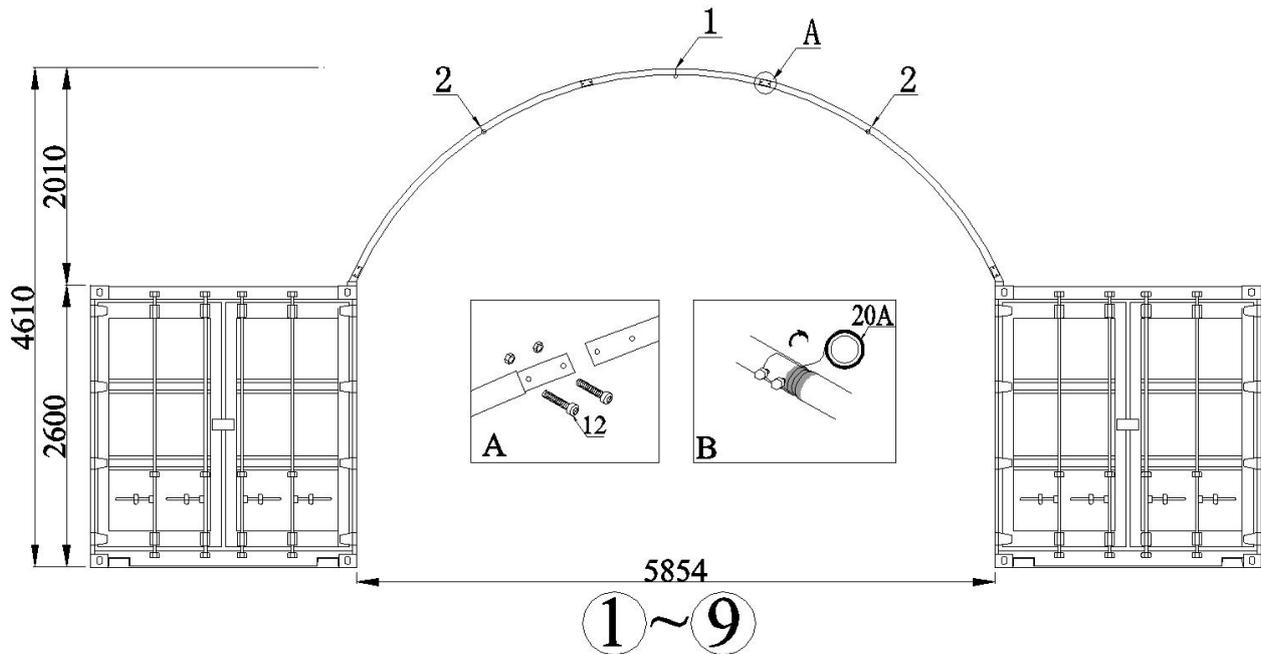


Figure 1

2. Connect the Bent arches (No.1, 2) by bolt M8x70 (No.12) to be one arch.
3. Wrap the duct tape around the joint of arches for protecting the roof cover during installation.
4. Put one end of the arch into the mount rail spigot and fasten it by bolt M8x70 (No.12), then try to put the other end to opposite rails.

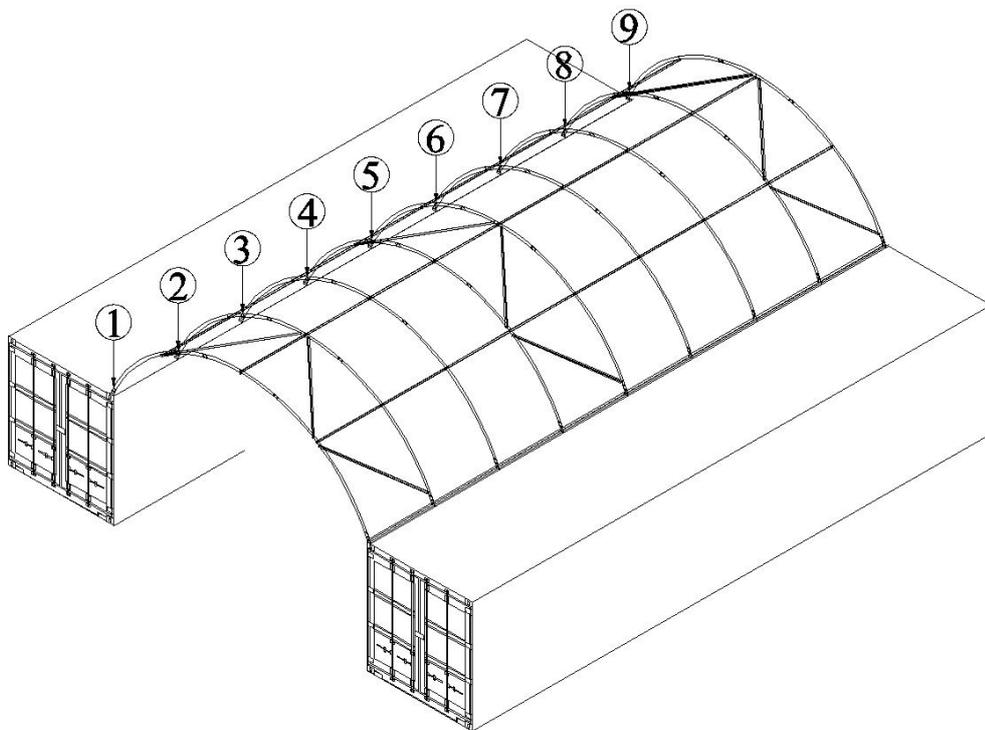
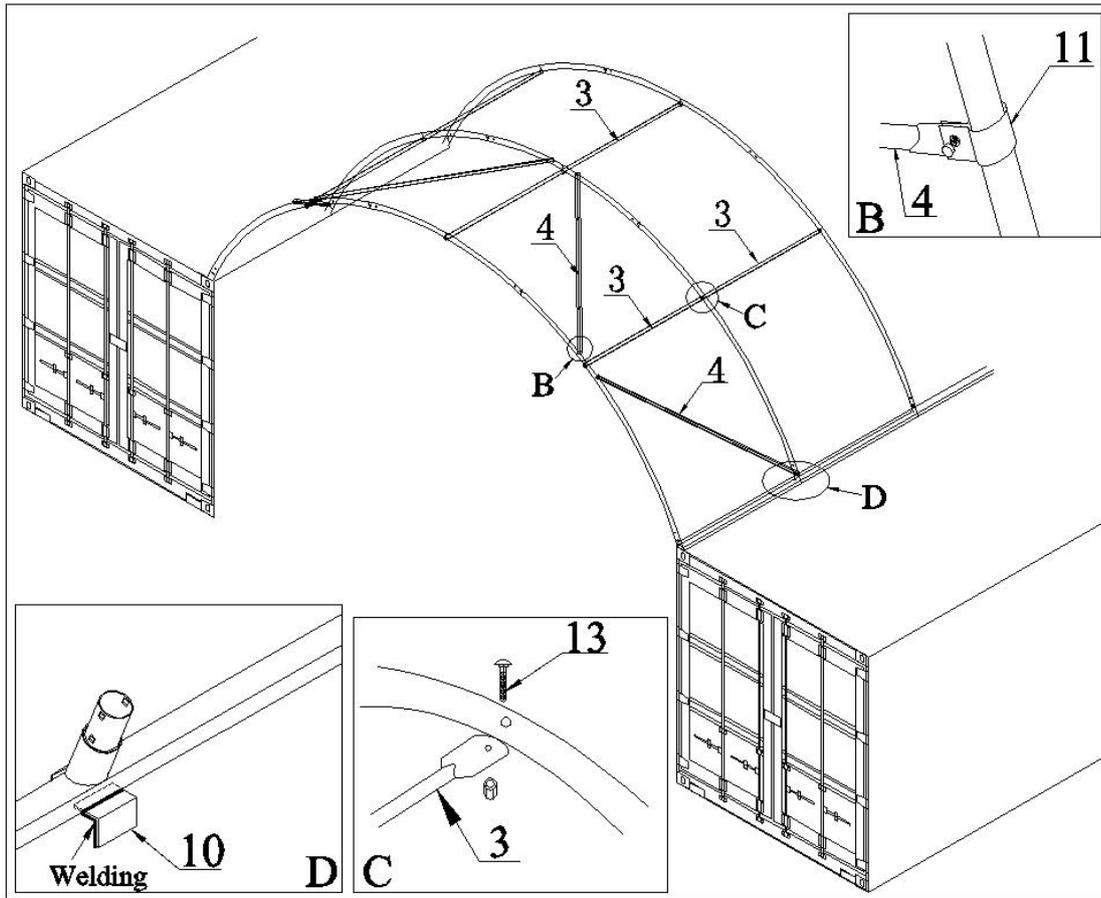
Arch No.1 to No.9



Purlins and Bracing Tubes Installation

5. When 2 arches are in place, connect purlins (No.3) between them by carriage bolt M10x80 (No.13). Please note the direction of the bolt, do not leave the shaft outside where the fabric will rest. By this way, one arch and purlins between it in turn, frames are installed.
6. Install bracing tube (No.4) by Clip (No.11).

Note: Before install the arch, please install the clip firstly.



Cover Installation

NOTE: DO NOT install the cover onto the frame of the dome shelter in high wind conditions.

1. Put the cover EVENLY, CAREFULLY AND SLOWLY on the frame. Insert the Tension Tubes (No.8) into the pipe pockets, then make neatly cutting in the tension pipe pockets against tension steel pipe. Put the ratchet straps (No.16) onto the tension tubes. Pull the straps through the reels of the hanging ratchet. DO NOT TIGHTEN. Adjust the roof cover so that it is square and evenly centered on the frame. Cinch the ratchet strap and roof cover will be tightened.

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

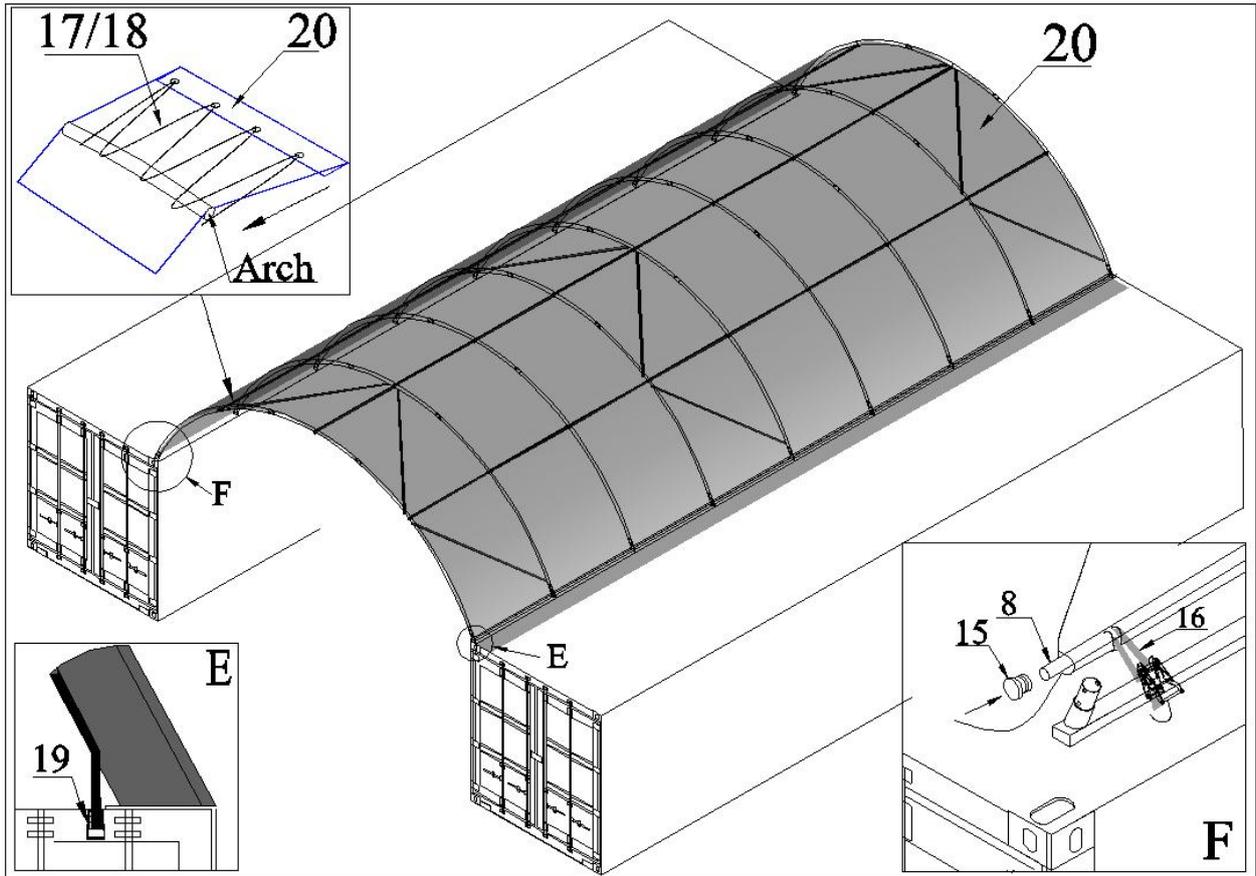
3. Firstly use nylon tie (No.17) to fix the two ends of roof cover to end arches at intervals. Then use Rope (No.18) to tighten roof cover to end arches. The rope should be cut as your requirements when using. When the cover is tidy and ready, drive the winch tie down forth and back and then roof cover is tightened.

4. Pull the band inside the roof cover (four corners) by Winch (No.15). The winches No.15 should be welded to container or fastened with self-screws.

Note: DO NOT LEAVE 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, tight roof cover.

Roof Cover



The installation is completed!