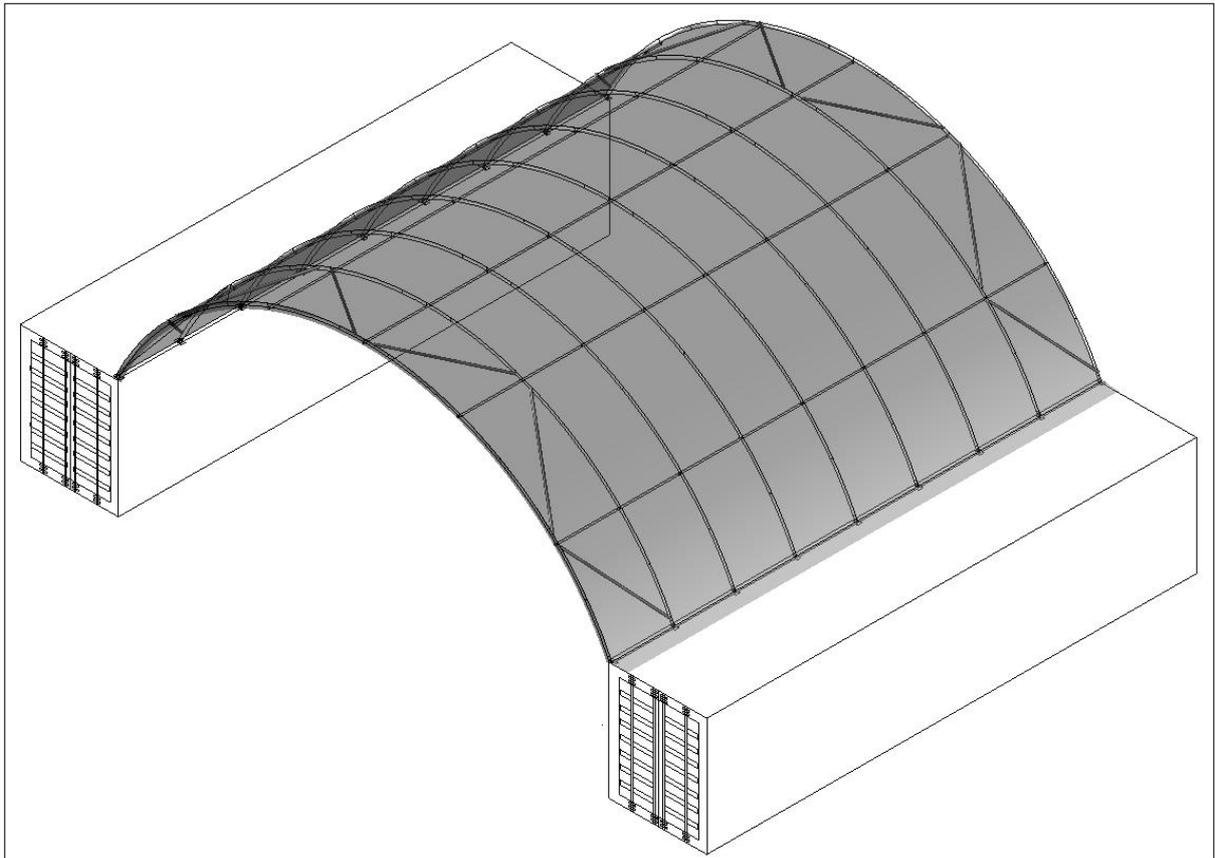


# ASSEMBLY MANUAL

## CONTAINER SHELTER

SSC404013 L40xW40XH13ft



### RECOMMEND TOOLS



## **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, 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**

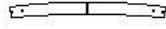
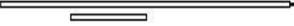
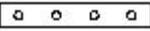
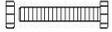
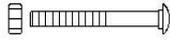
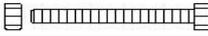
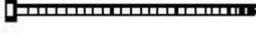
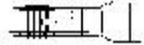
1. For newly installed shelters, check the tightening condition of the roof cover once every 2 - 3 days. If it becomes loose, it needs to be tightened again. This inspection should be carried out for 2 - 3 weeks to ensure that the tarpaulin remains firmly tightened without loosening again.
2. Check monthly 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.

## RECOMMENDED TOOLS

### Equipment List

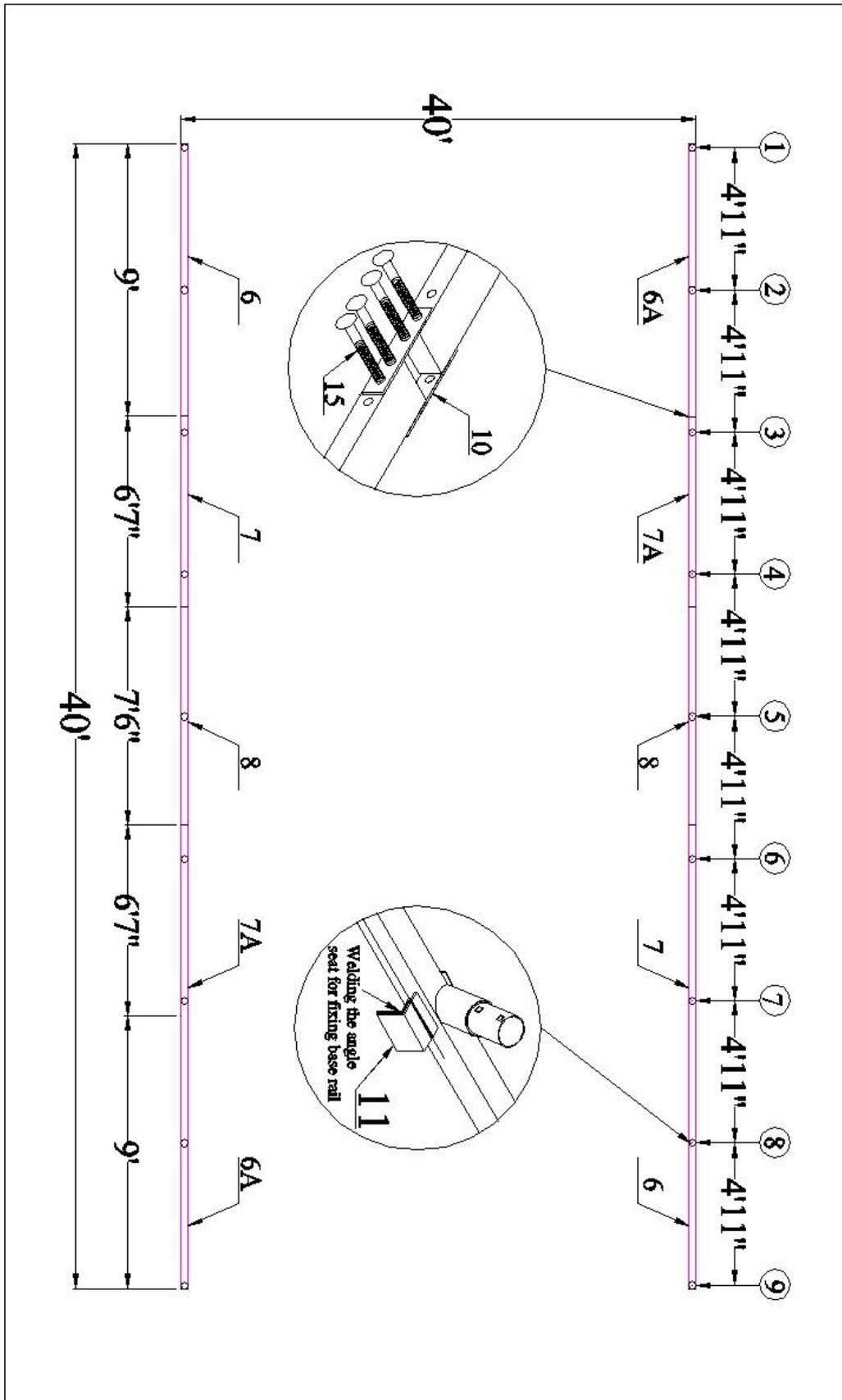
Speed Wrench 22#.23#.24#	
Hammer (30lb)	
Rope (12#)	
Long Tape (50m)	
Hammer Drill*1	
Lifter*2	
Crane*1	
Forklift*1	
Protective equipment	

**Parts List of Container Shelter SS404013R-9 (L12xW12xH3.9m)**

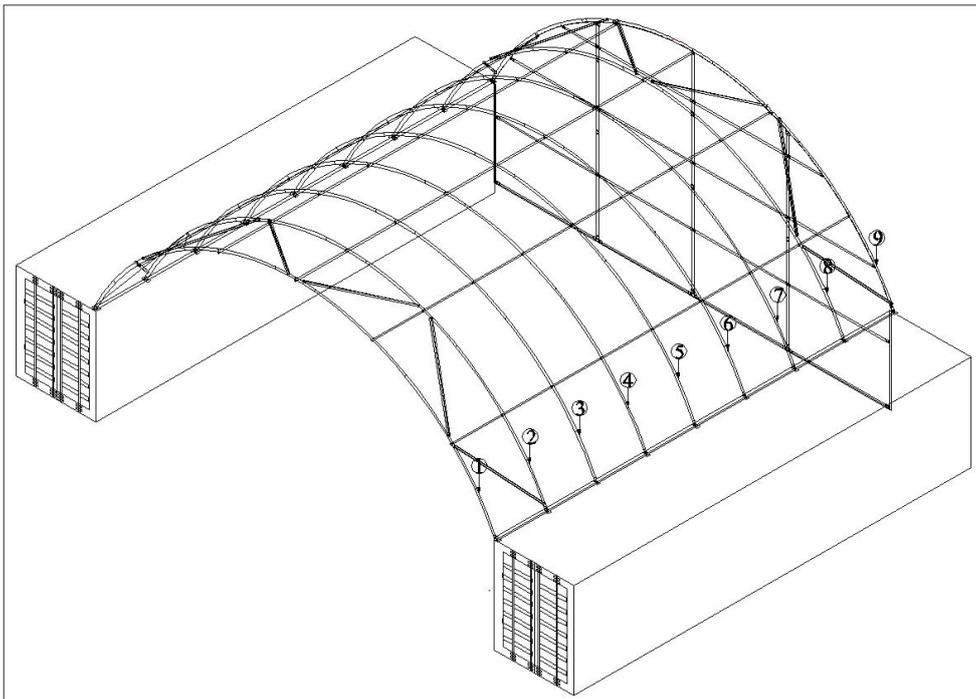
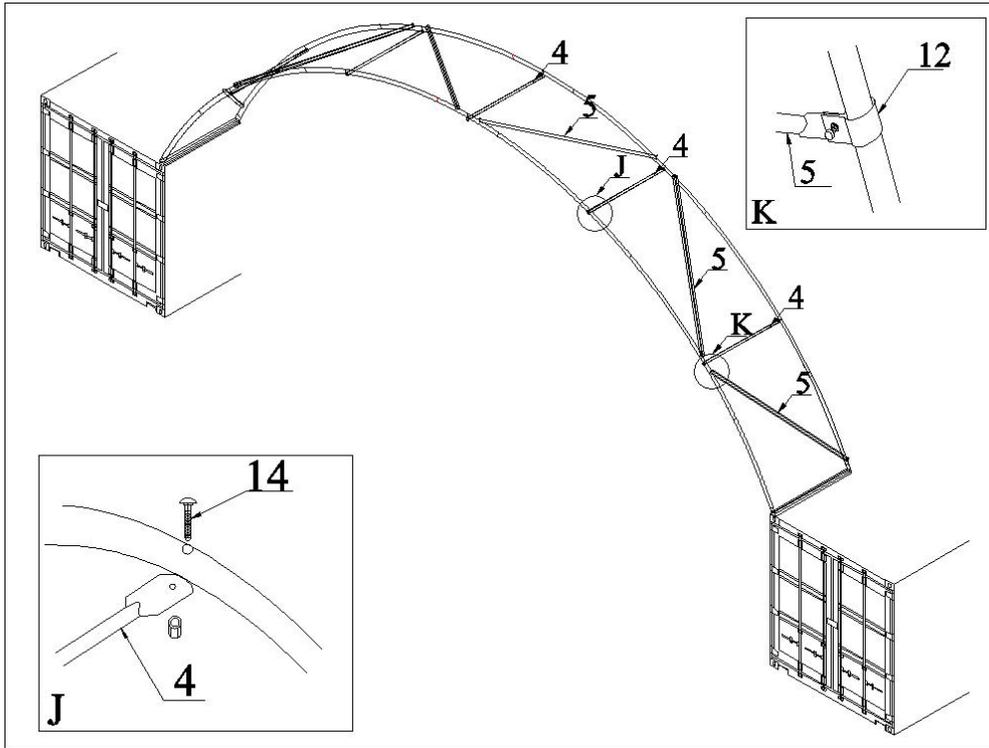
Part Code	Description	Parts Drawings	Q'ty
<b>Parts List of Roof Cover</b>			
1	top arches		9
2	middle arches		36
3	shoulder arches		18
4	purlins		40
5	bracing tube		12
6	square base rail-1		2
6A	square base rail-1A		2
7	square base rail-2		2
7A	square base rail-2A		2
8	square base rail-3		2
9	tension pipe		2
10	connection plate for base rails		16
11	angle seat		36
12	pipe clip $\Phi 75$ (10*50mm bolt+2pcs washers)		24
13	bolt M10*90mm for arches connection		144
14	carriage bolt M12*100mm for purlins connection		45
15	bolt M12x100mm for base rails connection		32
16	#40 plastic plug		4
17	1.5inch ratchet + tension strap		18
18	75CM nylon zipper tie		100
19	6# ropes 16m/pcs 4pcs		1
20	1.5inch ratchet for tightening straps of the roof cover		4
21	roof cover		1
22	Duct tape		2

## INSTALLATION PROCESS

Noted: Before installation, the containers must be firmly fixed to the ground.

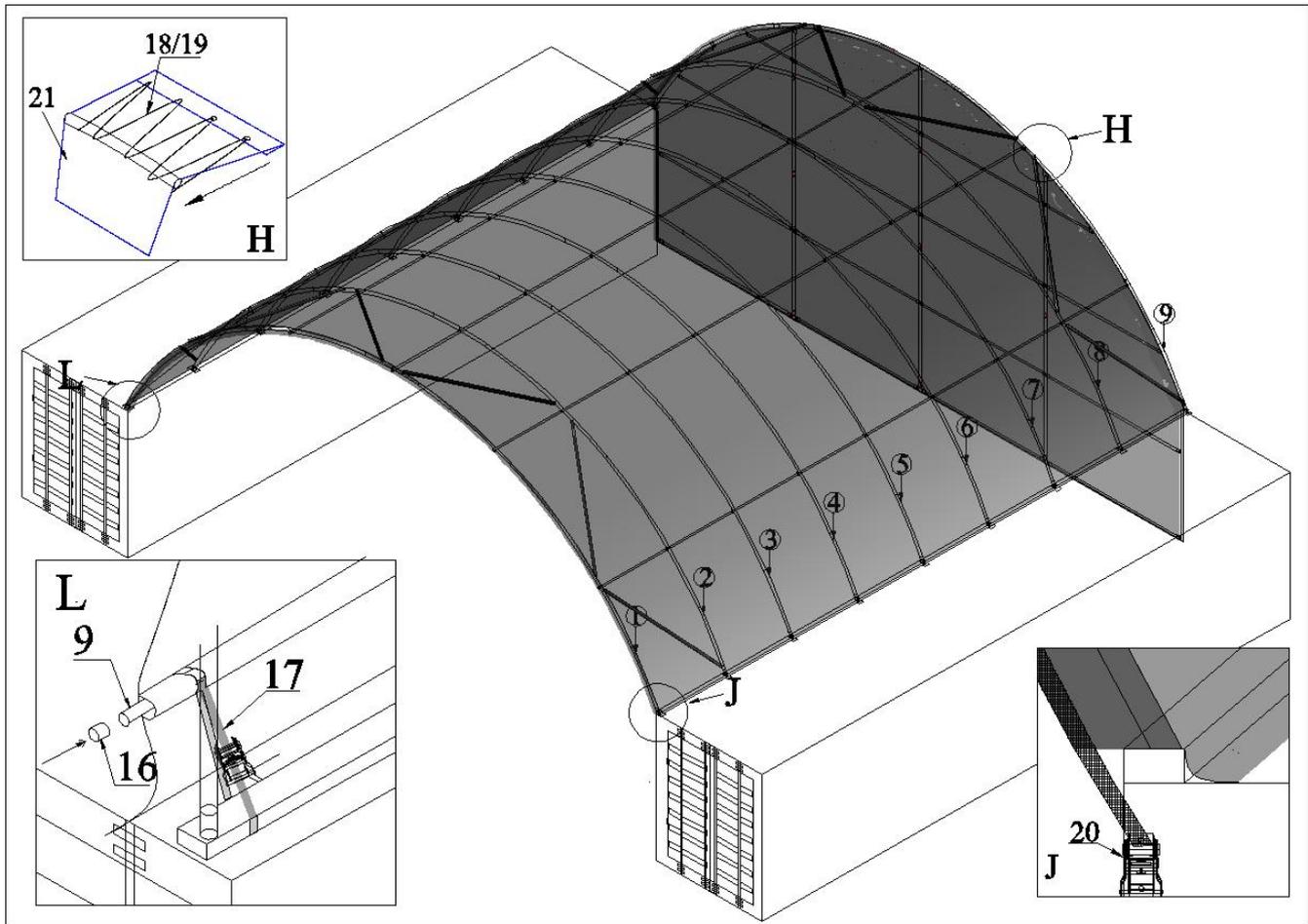






## Installing the roof cover

NOTE: DO NOT install the cover onto the frame of the 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. Put the roof cover **EVENLY, CAREFULLY AND SLOWLY** on the frame. Insert the tension tubes No.9 into the pipe pockets and loosely secure the tension straps in the ratchet No.17. **DO NOT TIGHTEN**. Adjust the roof cover so that it is square and evenly centered on the frame.

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

2. With the end flaps flipped back and out of the way, use nylon zipper tie 75cm No.18 to fix the roof cover to the end arches, then use ropes No.19 to further fasten the roof cover. Put the straps onto the tension tubes where the holes are. Pull the straps through the reels of ratchet No.17. Drive the ratchet forth and back and then roof cover is tightened.

**3.** Fasten the straps from the end flaps of the roof cover, make the cover well fold to the frame and pull the end of the straps with the ratchet No.20 which should be welded to the corners of container.

**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.**

**The Installation is completed!**