

Double Truss Shelter
Model# SST3040
L12.2 x W9.14x H4.88m
Assembly Instructions



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.

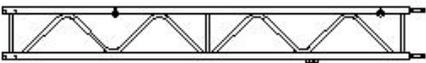
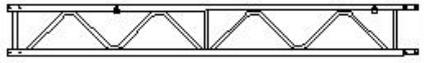
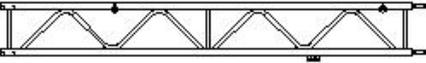
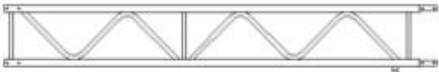
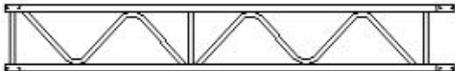
SITE

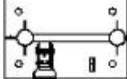
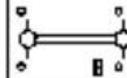
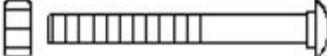
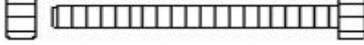
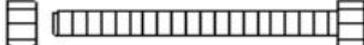
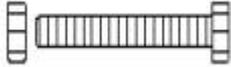
After choosing a location, proper preparation of the site is essential. The following site characteristics will help ensure the integrity of the structure.

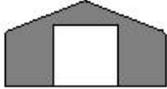
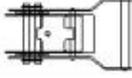
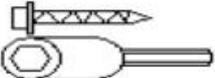
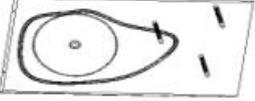
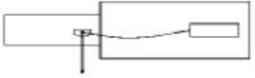
- . The support structure must be level to properly and safely erect and anchor the frame.
- . Drainage: Water draining off the structure and from areas surrounding the site should drain away from the site to prevent damage to the site, the structure, and contents of the structure.

⚠ 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.**

Parts List

Part Code	Parts Name	Description	Qty/PCS
1	Truss Arch		6
2	Truss Arch for front end		1
3	The Upper Truss Arch for front end		2
4	The Upper Truss Arch		10
5	The Upper Truss Arch for back end		2
6	Shoulder Truss Arch		14
7	The lower uprights for front and back end		4
8	The lower uprights		10
9	Purlin		42
10	Bracing Tube		8
11	The lower upright(Left) for front end		1
12	The lower upright(Right)for front end		1
13	The upper upright (left) for front end		1
14	The upper upright (right) for front end		1
15	Rail for front end		1
16	hanger rod		1
17	Rail for front end		4

18	Upright for back end		2
19	Upright for back end		2
20	Rail for back end		2
21	Rail for back end		2
22	Rail for back end		1
23	Tension tube for the bottom of back end		1
24	Tension tube		2 group
25	Base Plate for four corners		4
26	Base Plate for middle arches		10
27	Base Plate for back end arches		2
28	Carriage Bolt M8*60 for purlins		51+5 sets
29	40# clip with bolt M10*50 for bracing tube		16 sets
30	Bolt M8*60		234+5 sets
31	Bolt M12*120		8 sets
32	Bolt M10*30		26+4 sets
33	Expansion Bolt		64
34	Roof cover		1

35	Front cover		1
36	Back cover		1
37	Steel roller door		1
38	4# Ropes for roof cover		200m
39	75CM Cable Tie for roof cover		150units
40	40CM Cable Tie for front and back cover		150units
41	strap(38MM*80CM)		14
42	ratchet		14
43	Door Track (left)		1
44	Door Track (right)		1
45	Connection Plate		4
46	Self-drilling Screw		60
47	Bracket for steel roller door (Left)		1
48	Bracket for steel roller door (Right)		1
49	Motor for electronic steel roller door		1

INSTALLATION PROCESS

A—BASE PLATES INSTALLATION

Please refer to the diagram (Figure 1) to mark the position of base plates

The measurement is from center to center of plates. Referring to the diagram and confirm the place of base plates. ENSURE THAT THE FOUNDATION IS SQUARE.

1. The Expansion Bolt (No.33) applies for concrete ground.

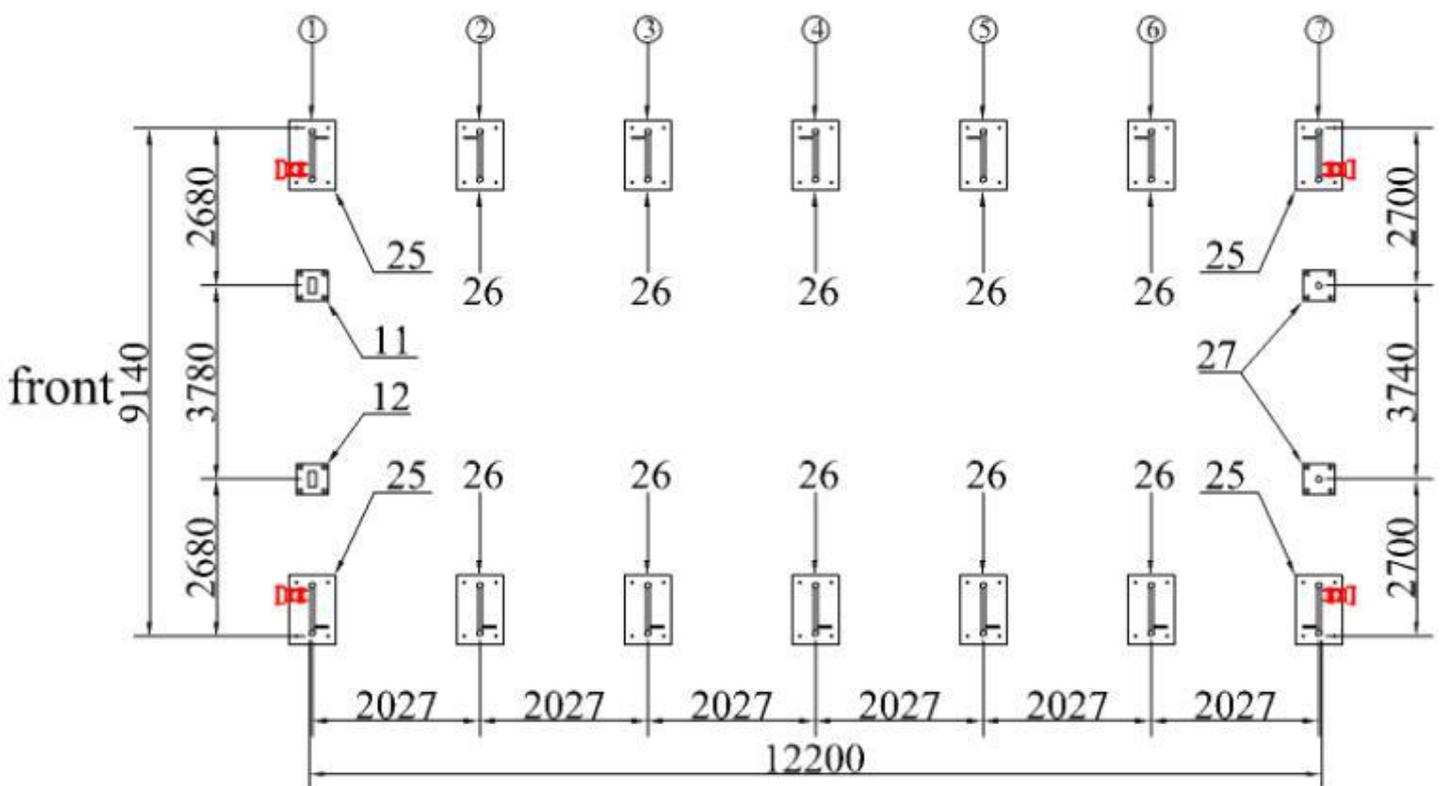
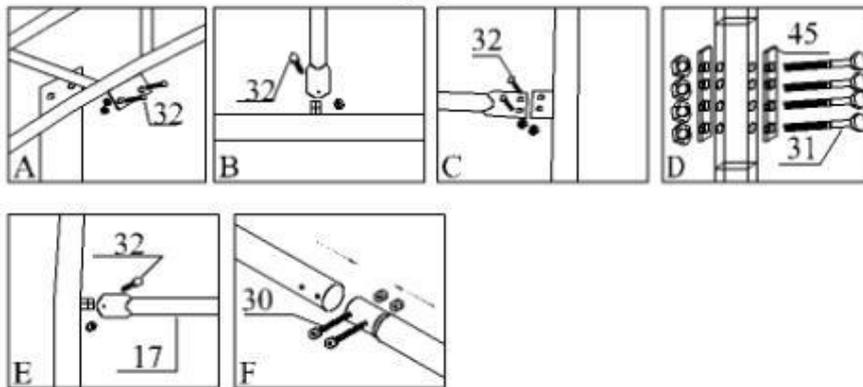
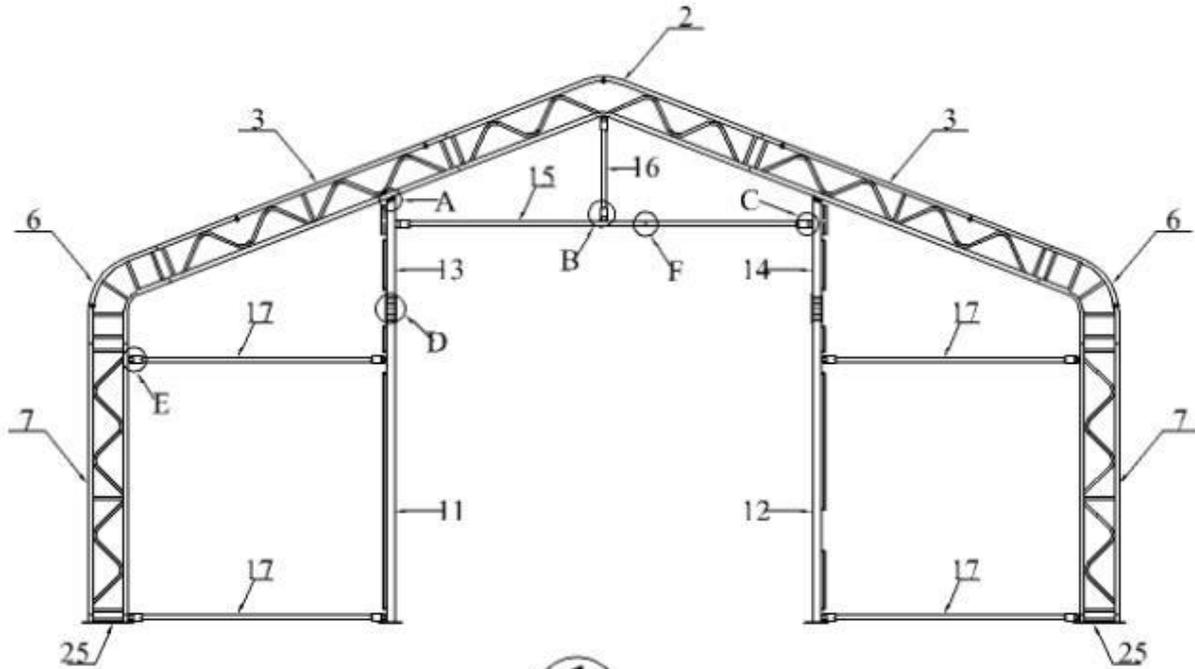


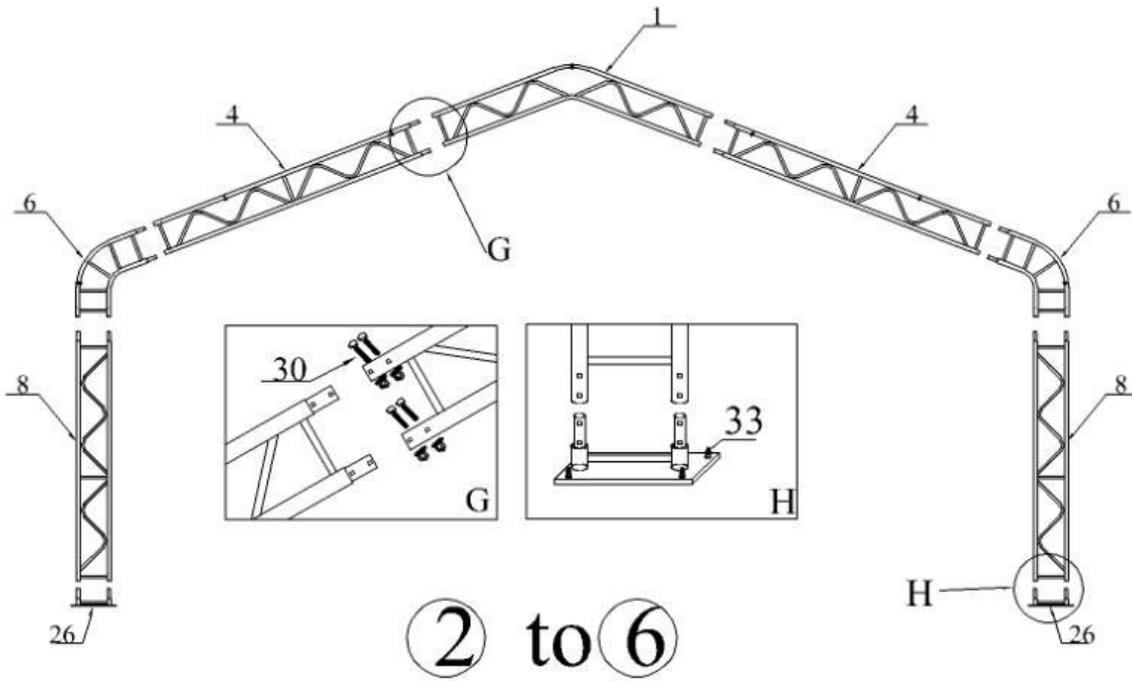
Figure 1

B—FRAME INSTALLATION

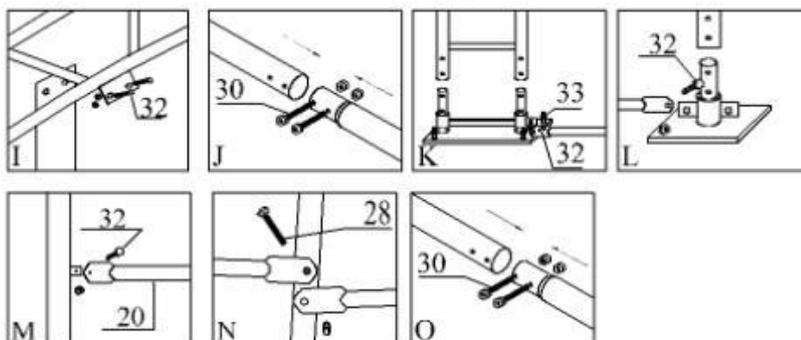
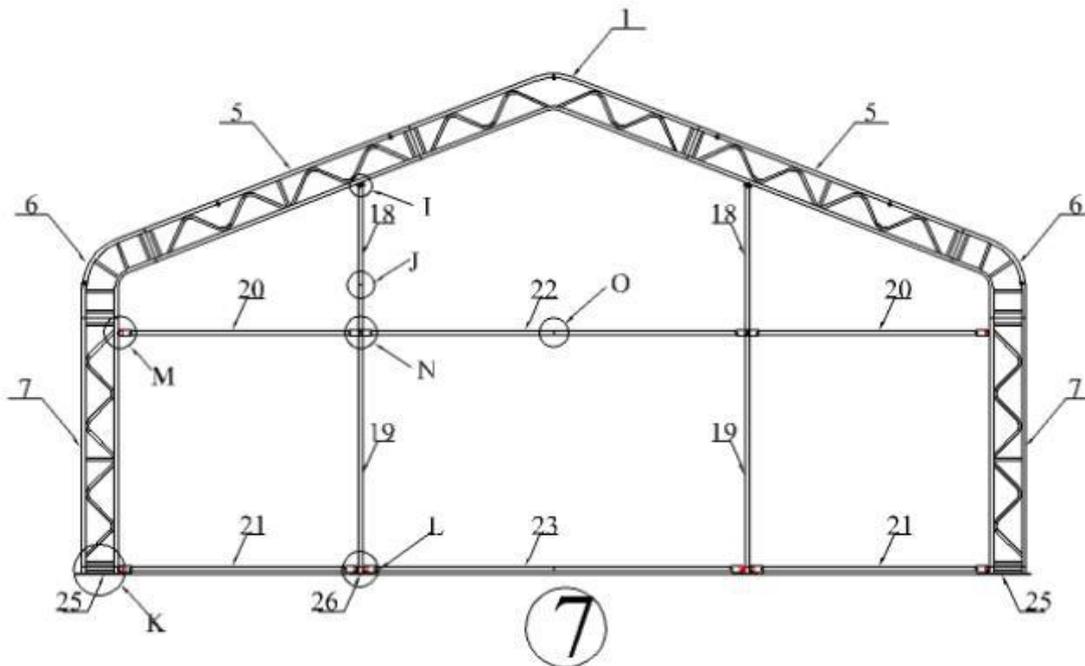
1. Find Truss Arches (No.2, 3, 6, 7) for Front End Arch and connect them by Bolt M8x60 (No.30). Then assemble uprights and rails for front end as the below figure.



2. Find Truss Arches (No.1, 4, 6, 8) for Arch 2nd until 6th and connect them by Bolt M8x60 (No.30).



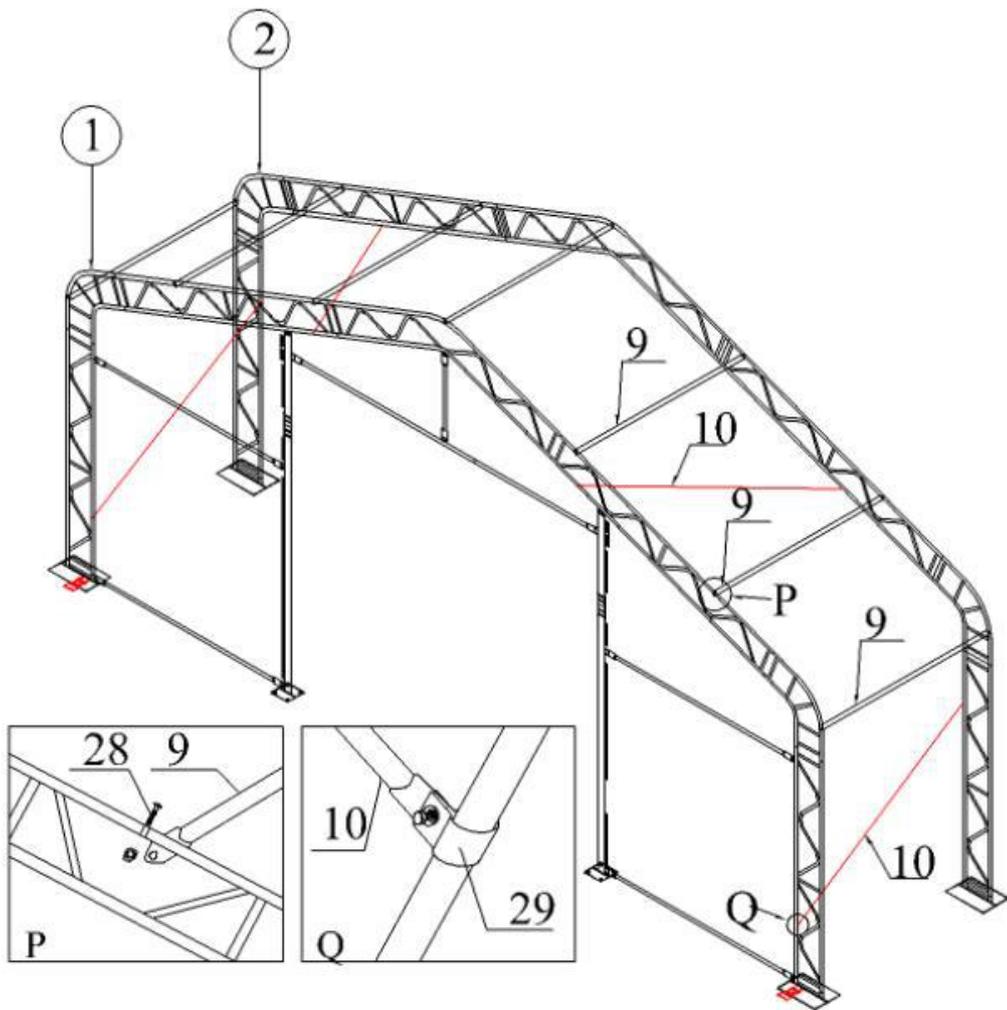
3. Find Truss Arches (No.1, 5, 6, 7) for Back End Arch and connect them by Bolt M8x60 (No.30). Then find relative parts of rails and uprights for back end and assemble them as below figure .

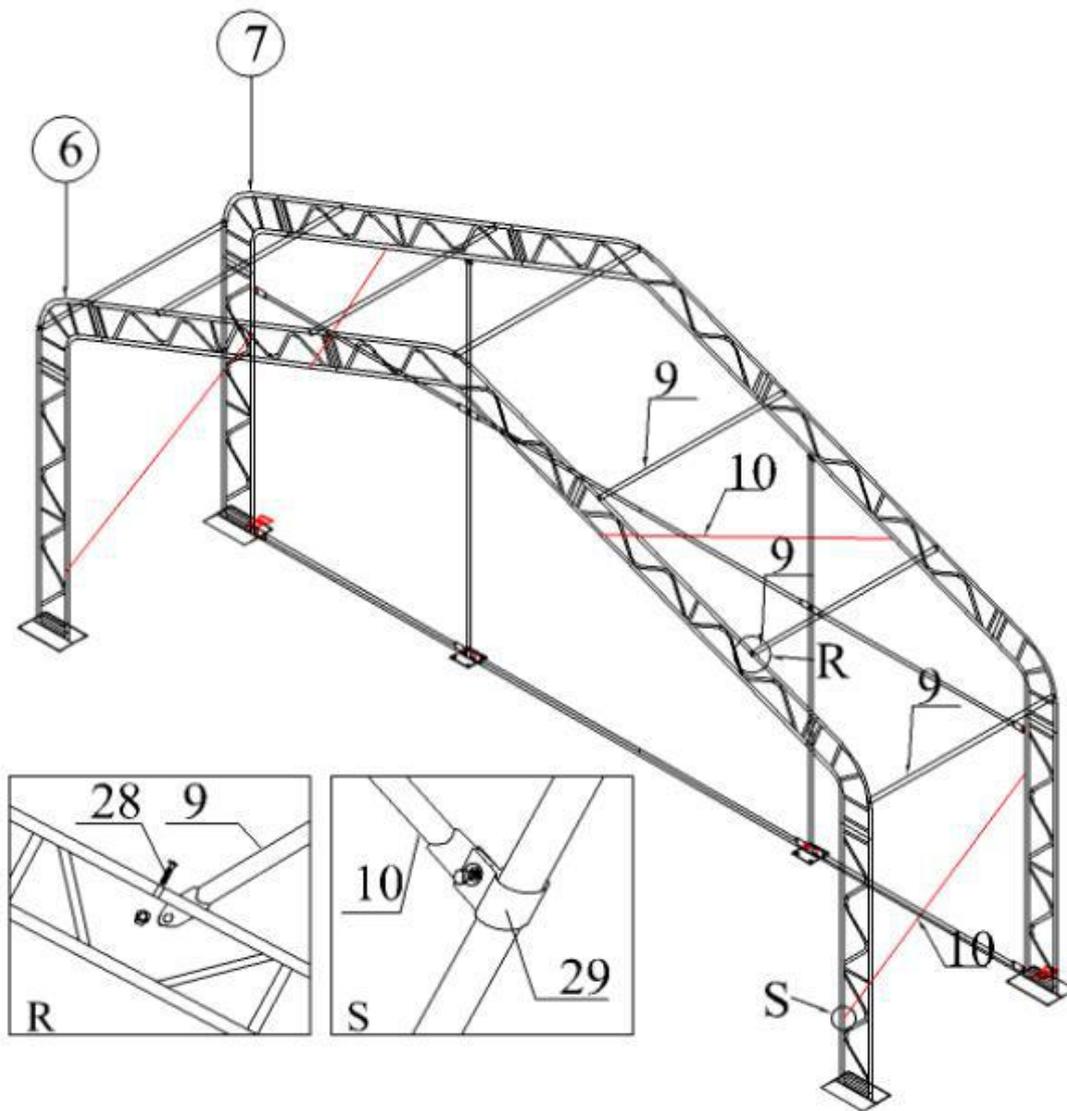


4. Lift the assembled arches onto base plates.

5. When finish installing the first and second arches, install Purlin (No.9) and connect them by Carriage Bolt M8*60 (No.28). Then the 3rd arch and purlins. In this turn, one arch and then purlin tubes until back end arch.

6. Install Bracing Tube (No.10) between arches by Clip (No.29)





C-INSTALLING COVER

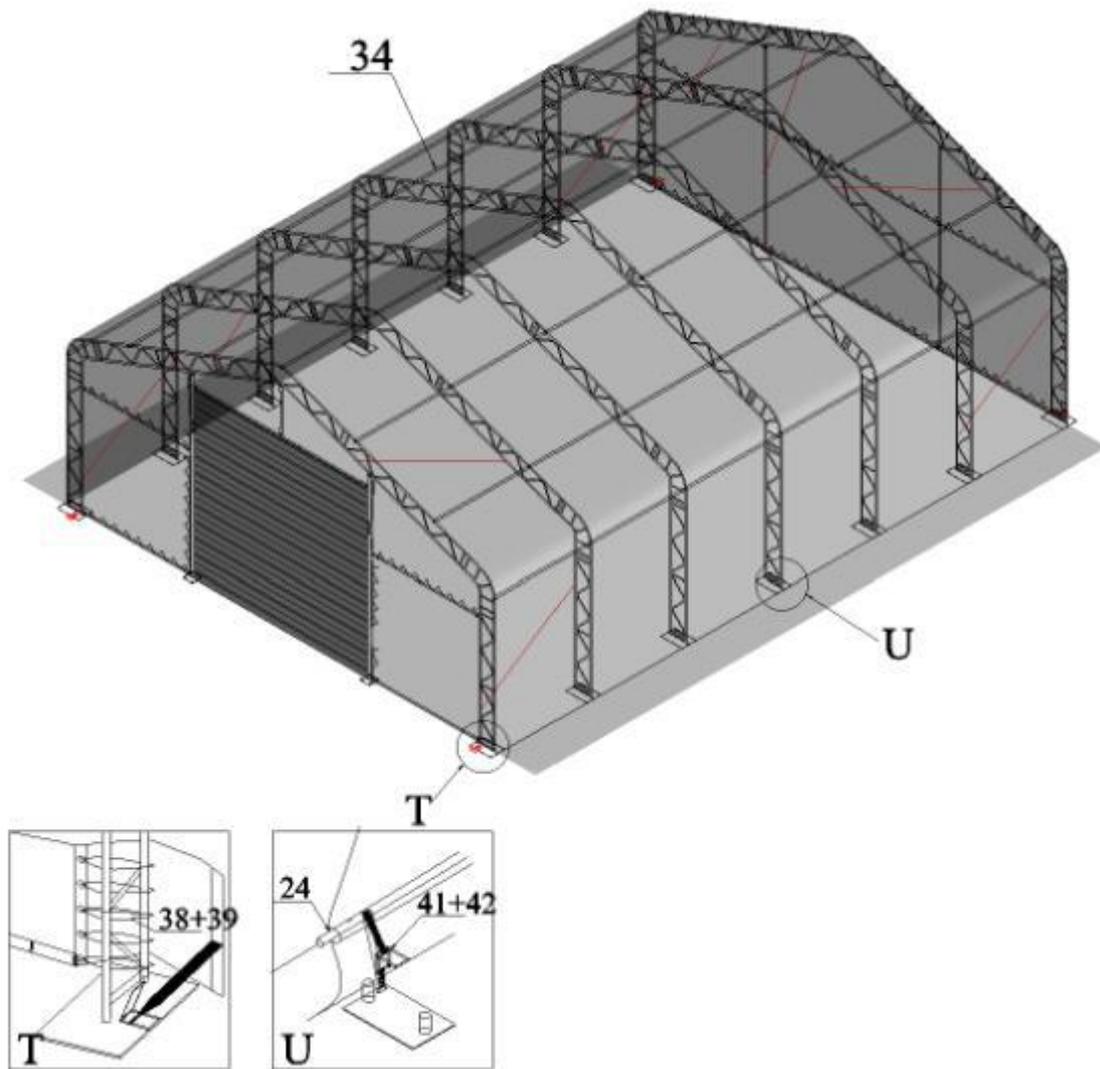
NOTE: DO NOT install the cover onto the frame of your building in high wind conditions. A slight breeze is the most advantageous for cover installation. To take advantage of the breeze, pull the cover up over the arches with the breeze blowing in the cover like a sail filled with air.

1. Roll out the roof cover on a ground sheet. Align the cover evenly to each end of the frame. Be sure doing not over pull the end of roof cover.
2. Pull the cover over frame EVENLY, CAREFULLY AND SLOWLY. Insert tension tubes (No.24) into the cover pipe pockets. Cut a small opening over against every base plate. Put the strap No.41 around tension tube and go through ratchet (No.42) and loosely secure. DO NOT TIGHTEN. Adjust the cover so that it is square and evenly centered on the frame.

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

3. Use Knitting Rope (No.38) and Cable Tie (No.39) to tighten roof cover to end arches.
4. When roof cover is tidy and ready, drive the ratchet tie down forth and back and then roof cover is tightened.
5. Tidy the cover. Pull the band inside the end of roof cover, make the cover well fold to end arches and fasten the band.

Roof Cover Installation



6. Install Front Cover No.35 and Back Cover No.36 to front and back end arches by cable tie (No.36).

FRONT COVER INSTALLATION

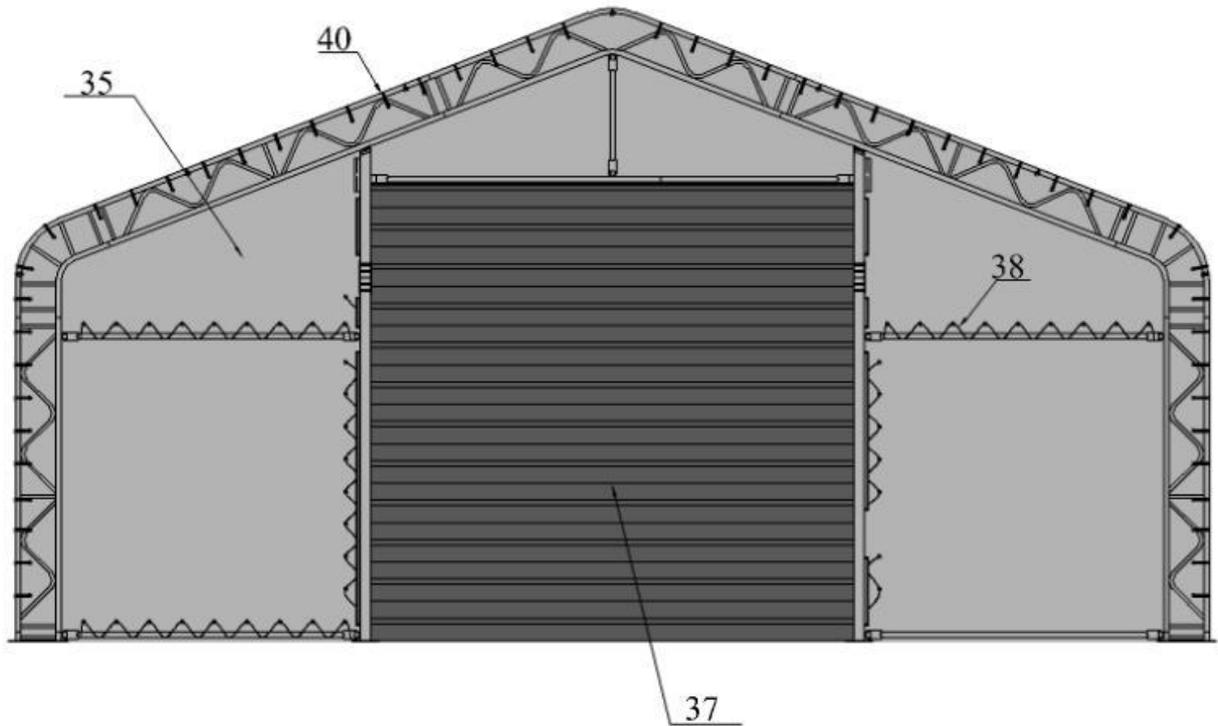


Figure 9

BACK COVER INSTALLATION

