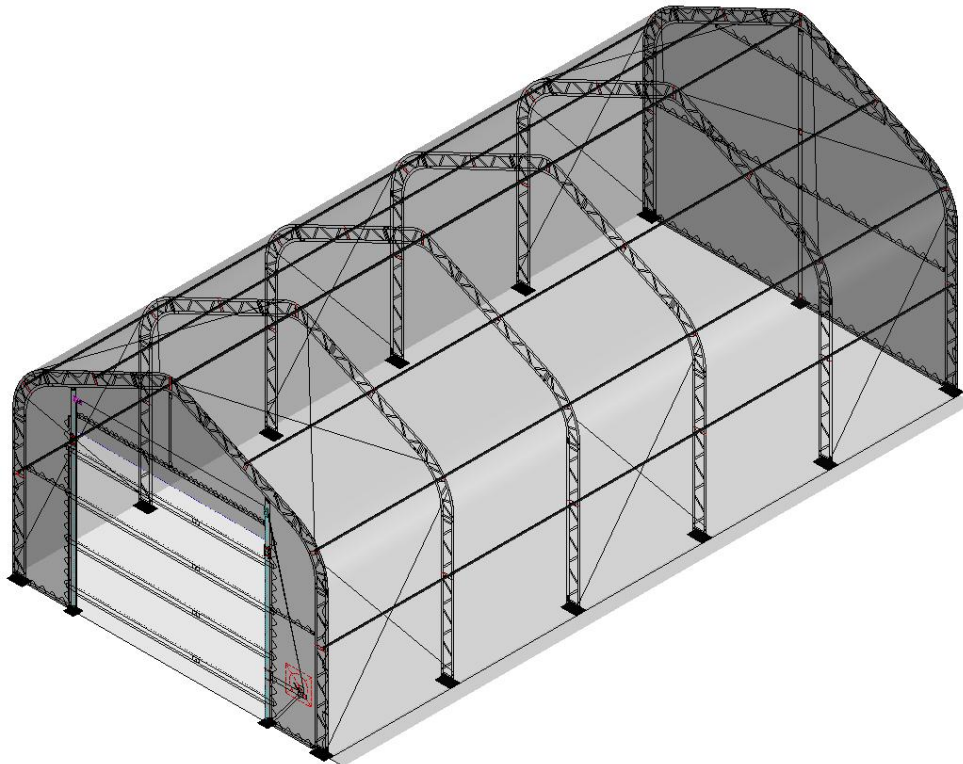


Fabric Building
Model# 204016DP
20'x40'x16'
W6.1x L12.2 x H4.88m
Assembly Instructions



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.
- . Your shelter'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




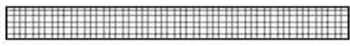

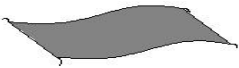
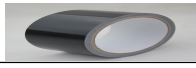
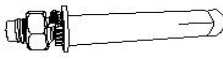




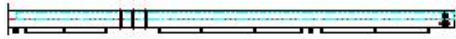


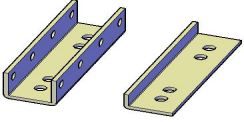

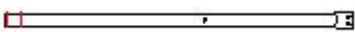
After choosing a location, proper preparation of the site is essential. The following site characteristics will help ensure the integrity of the structure.








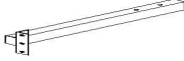











- . The support structure must be level to properly and safely erect and anchor the frame.
- . Drainage: Water draining off the structure and from areas surrounding the site should drain away from the site to prevent damage to the site, the structure, and contents of the structure.

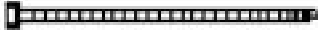

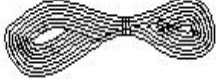



⚠ WARNING: The individuals assembling this structure are responsible for designing and furnishing all temporary bracing, shoring and support needed during the assembly process. For safety reasons, those who are not familiar with recognized construction methods and techniques **must seek the help of a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

Fabric Building 20'x40'x16' (W6.1xL12.2xH4.88m) Parts List

Part Code	Description	Qty/ pcs
1	top truss for 2nd to 5th arch	4
1A	top truss for 1st arch (front wall)	1
1B	top truss for 6th arch (back wall)	1
2	roof truss for 2th to 5th arch	8
2A	roof truss for 1st arch (front wall)	2
2B	roof truss for 6th arch (back wall)	2
3	shoulder truss for 1st to 6th arch	12
4	upright truss for 2nd to 5th arch	8
4A	upright truss for 1st and 6th arch (front&back wall)	4
5	purlin	35
6	connection plate for steel wire No.21	20
7	corner base plate (left & right) for 1st and 6th arch, installed with ratchet	4
8	interior base plate for 2nd to 5th arch, installed with ratchet	8
9	tensioning tube for roof cover (4+1 pieces/set)	2 sets
10	tube clip for steel wire No.21	40

11	bolt M8x50 for truss swaged end connection		192
12	bolt M10x70 for purlin connection		42
13	end plug (Φ32) for tensioning tube No.9		4
14	belt for ratchet on base plate		12
15	knitting rope for roof cover (2 bundles)		1 pack
16	roof cover		1
17	duct tape		2
18	expansion bolt		48
19	steel wire turnbuckle		20
20	steel wire clamp		40
21	steel wire		20
22	square tube post on the lower left side of the front door		1
23	square tube post on the lower right side of the front door		1
24	square tube post on the upper left side of the front door		1
25	square tube post on the upper right side of the front door		1
26	connection plate for square tube post No.22, 23, 24, 25 (2pcs/set)		2 sets
27	post on the lower side of the back door		1
28	post on the upper side of the back door		1

29	base plate for back door		1
30	cross beam for front door		1
30A	vertical tube for door beam No.30		1
31	side rail for front wall (two sides)		4
32	upper rail for back wall		2
33	middle rail for back wall		2
34	lower rail for back wall		2
35	rail for installing winch		1
36	support tube for rail No.35		1
37	pole for door opening		1
38	front door bracing tube (2pcs/set)		3 sets
39	front door bracing tube (bottom) (2pcs/set)		1 set
40	bolt M8x70 for swaged end connection		6
41	carriage bolt M10x80 for rail		2
42	bolt M10x30 for rail and connection plate		22
43	bolt M10x50 for post and truss		6
44	bolt M6x45 for door bracing tube No.38, 39		4
45	bolt M12x130 for square tube post No.22, 23, 24, 25		10
46	bolt M10x70 for square tube post No.22, 23, 24, 25		9
47	knitting rope for front and back cover (6 bundles)		2 packs

48	cable tie for fixing front and back cover		60
49	expansion bolt		12
50	steel wire for front door		1 bundle
51	steel wire clamp for front door		4
52	winch for front door		1
53	front and back cover		1 each

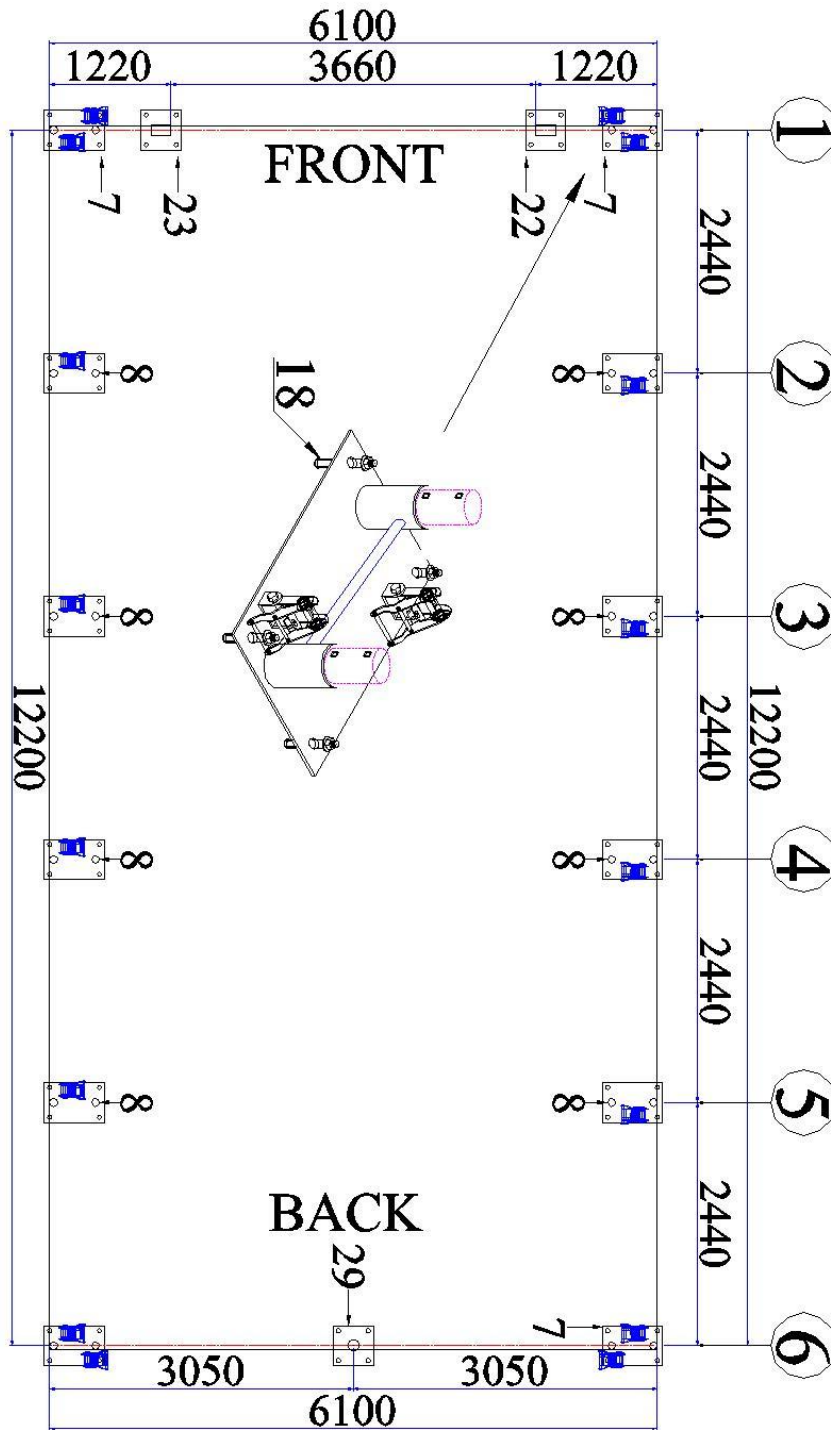
INSTALLATION PROCESS

A—BASE PLATES INSTALLATION

Please refer to the below diagram to mark the position of base plates

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

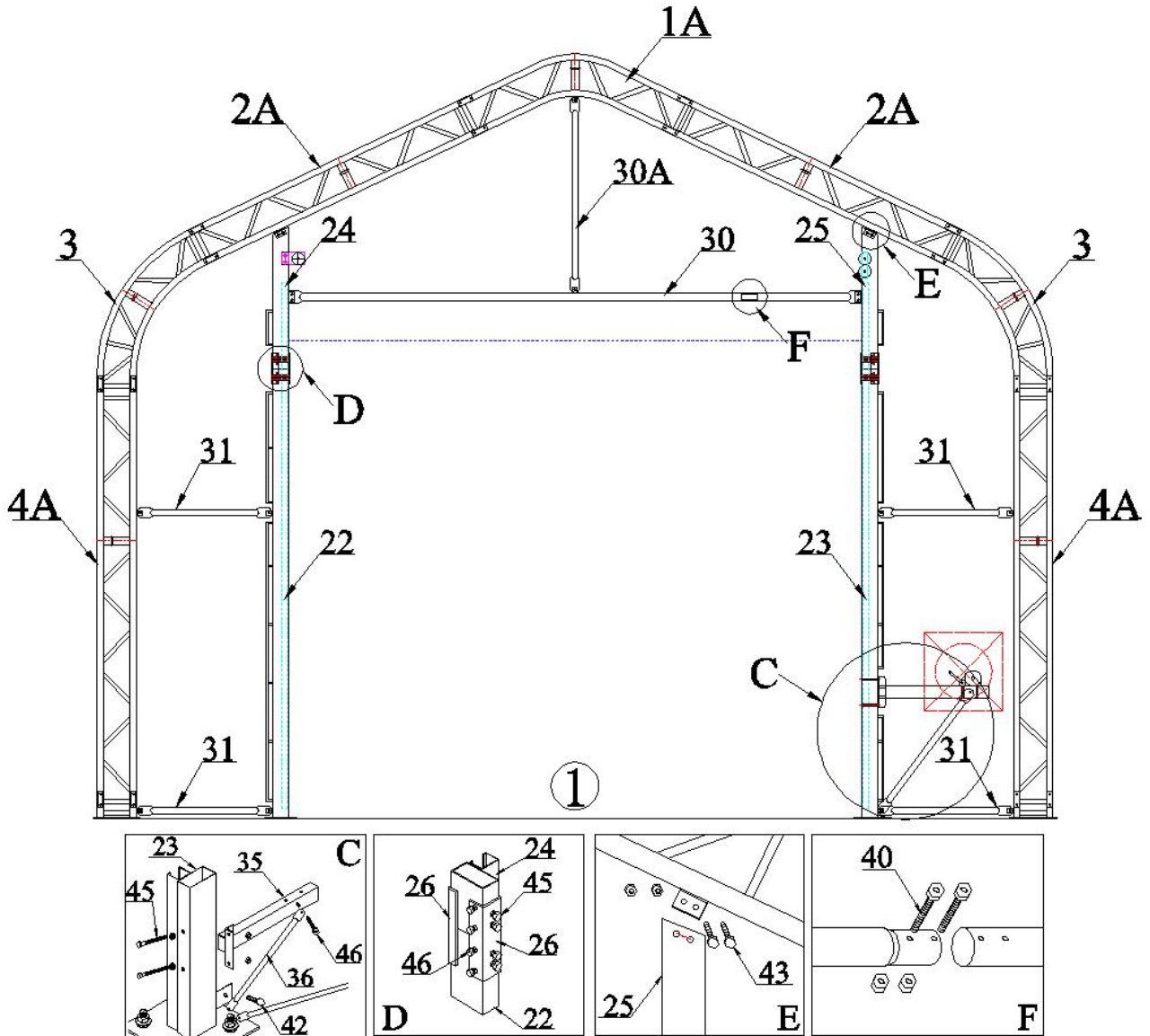
Note: The expansion bolt (No.18, 49) applies for fixing base plate on concrete ground.



B—FRAME INSTALLATION

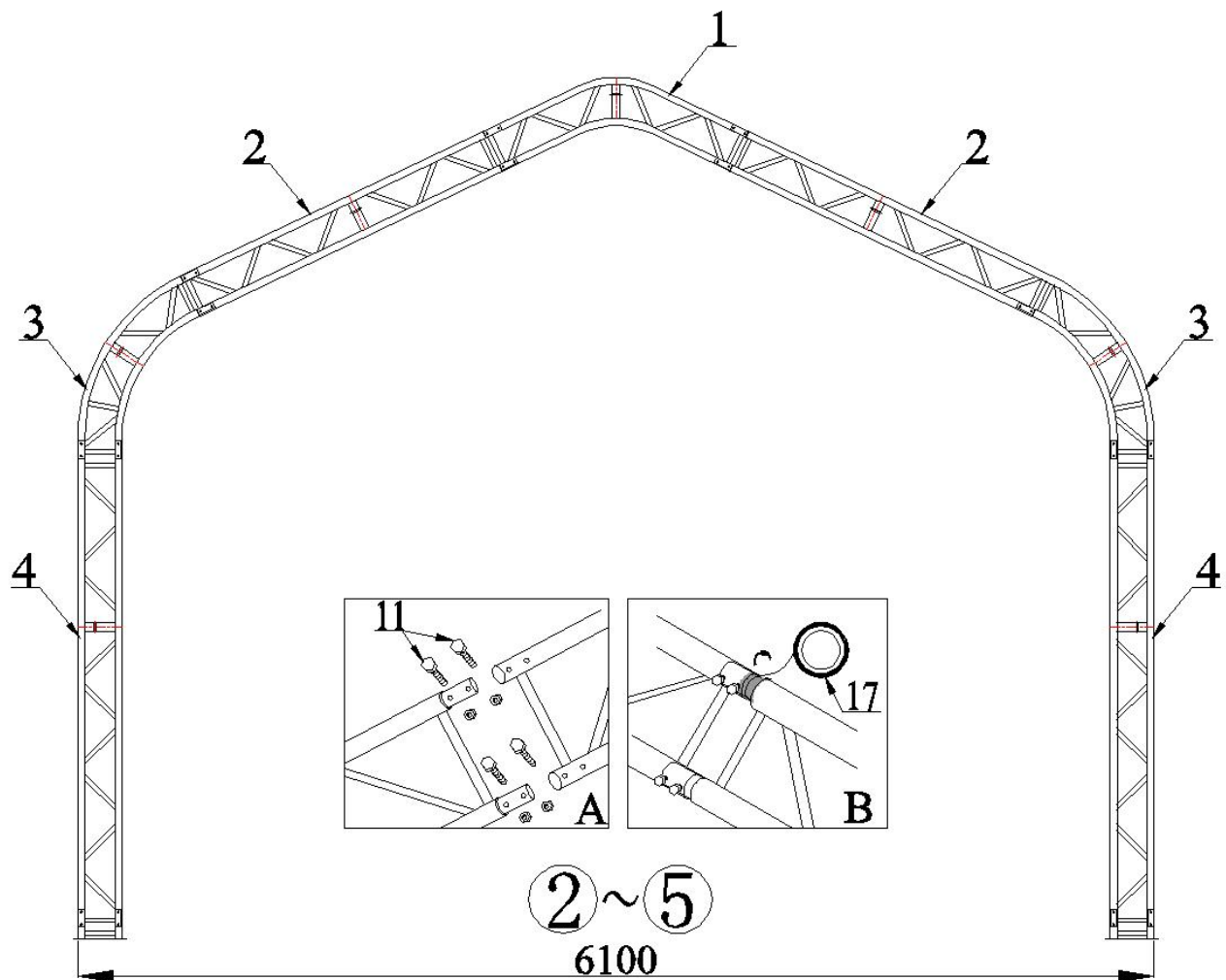
First Arch and Front Wall

1. Find Trusses (No.1A, 2A, 3, 4A) for first arch and connect them by bolt M8x50 (No.11).
2. Find relative parts of posts and rails for front wall and assemble them according to the below diagram.



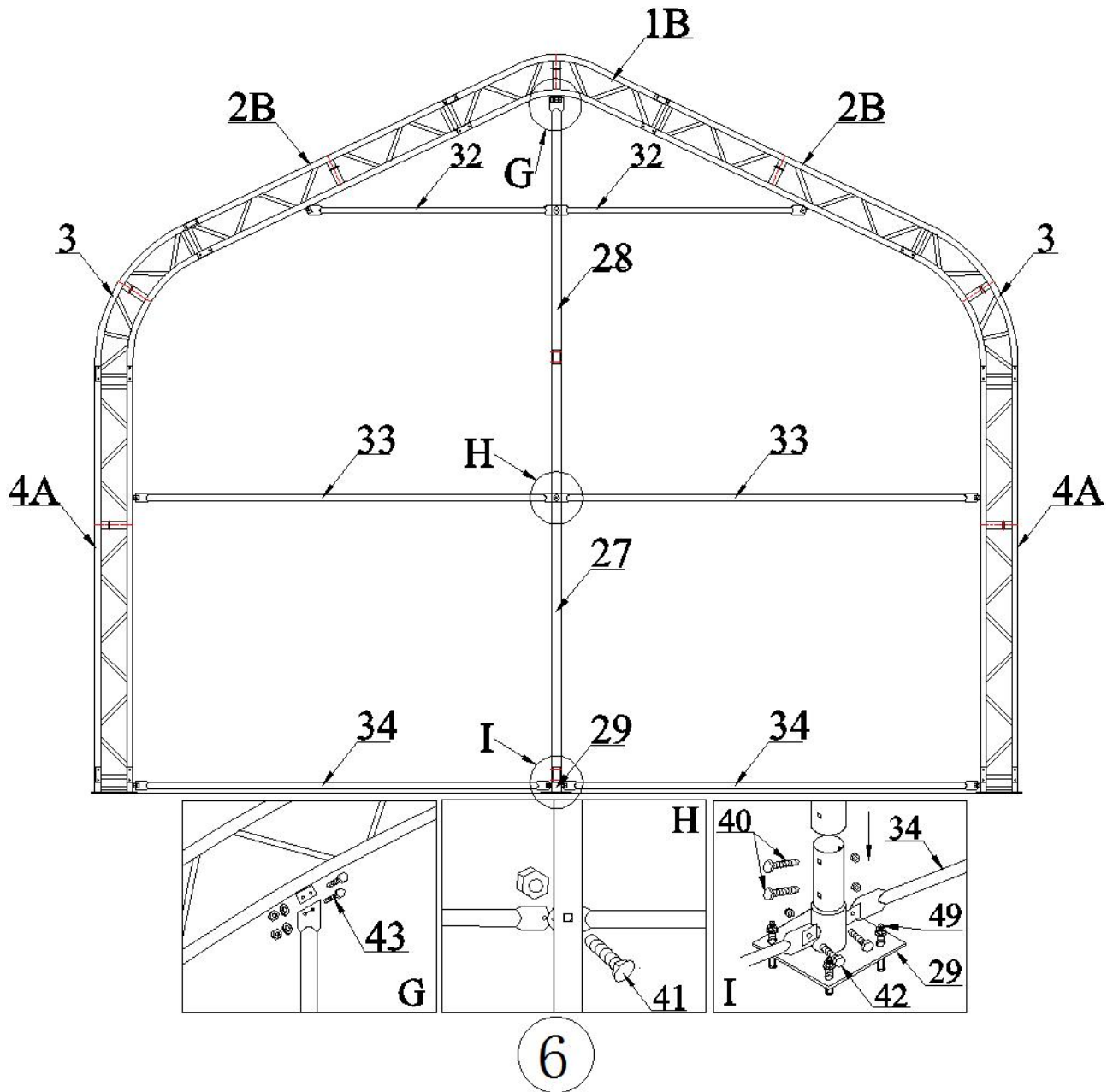
Second Arch to Fifth Arch Installation

3. Find Trusses (No.1, 2, 3 and 4) for second to fifth arch and connect them by bolt M8x50 (No.11).



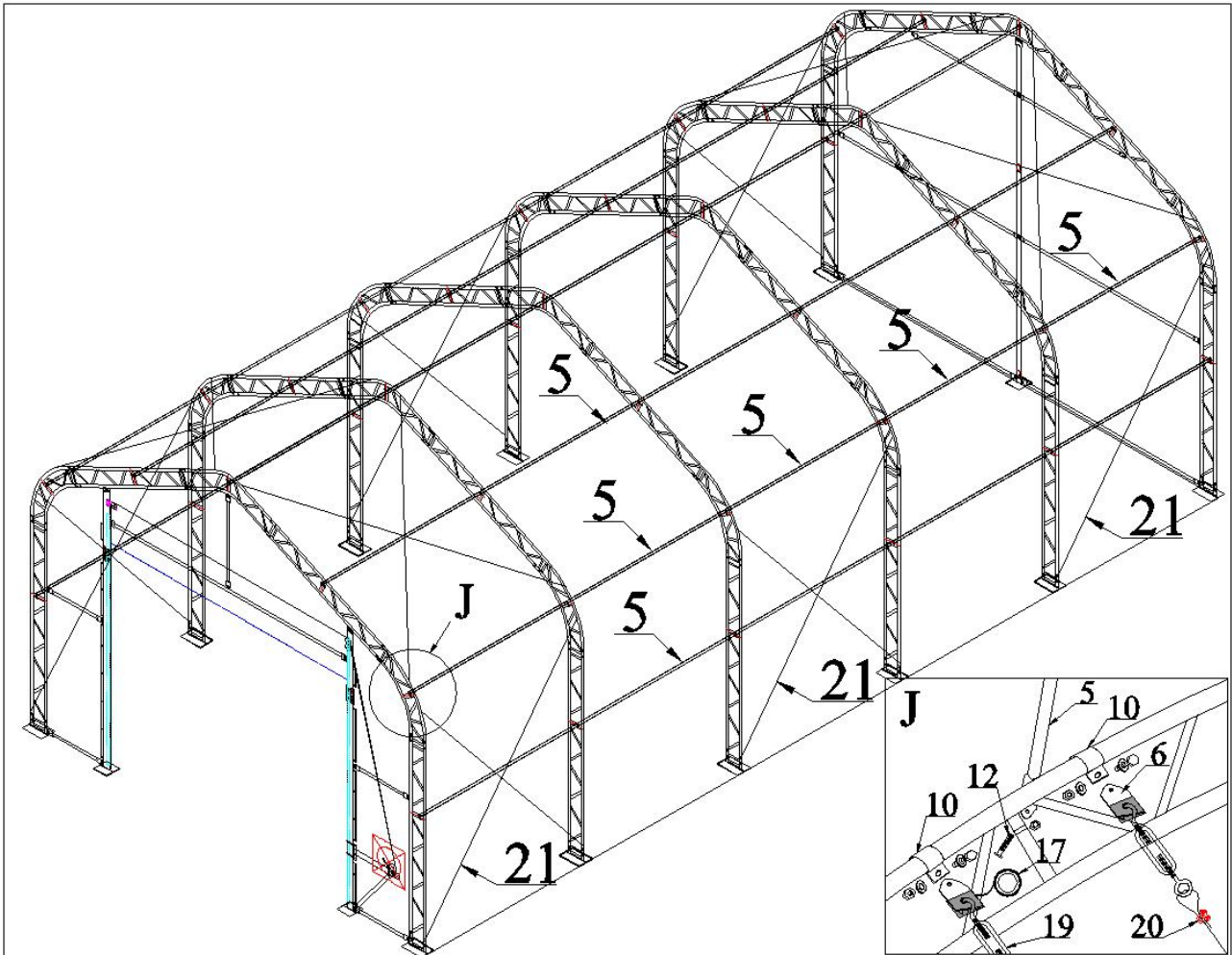
Sixth Arch and Back Wall Installation

4. Find Trusses (No.1B, 2B, 3 and 4A) for sixth arch and connect them by bolt M8x50 (No.11).
5. Find relative parts of posts and rails for back wall and assemble them according to the below diagram.



Purlin and Steel Wire Installation

6. Lift the assembled arches onto base plates (No.7 and 8) and connect them by bolt M8x50 (No.11).
7. When finish installing the first and second arches, install purlin (No.5) and connect them by bolt M10x70 (No.12). Then the third arch and purlins. In this turn, one arch and then purlin tubes until the fifth arch.
8. Install steel wires (No.21) between arches by steel wire turnbuckle (No.19), steel wire clamp (No.20), connection plate (No.6) and tube clip (No.10).
9. Wrap every truss joint by duct tape (No.17) to protect roof cover.



C-INSTALLING COVER

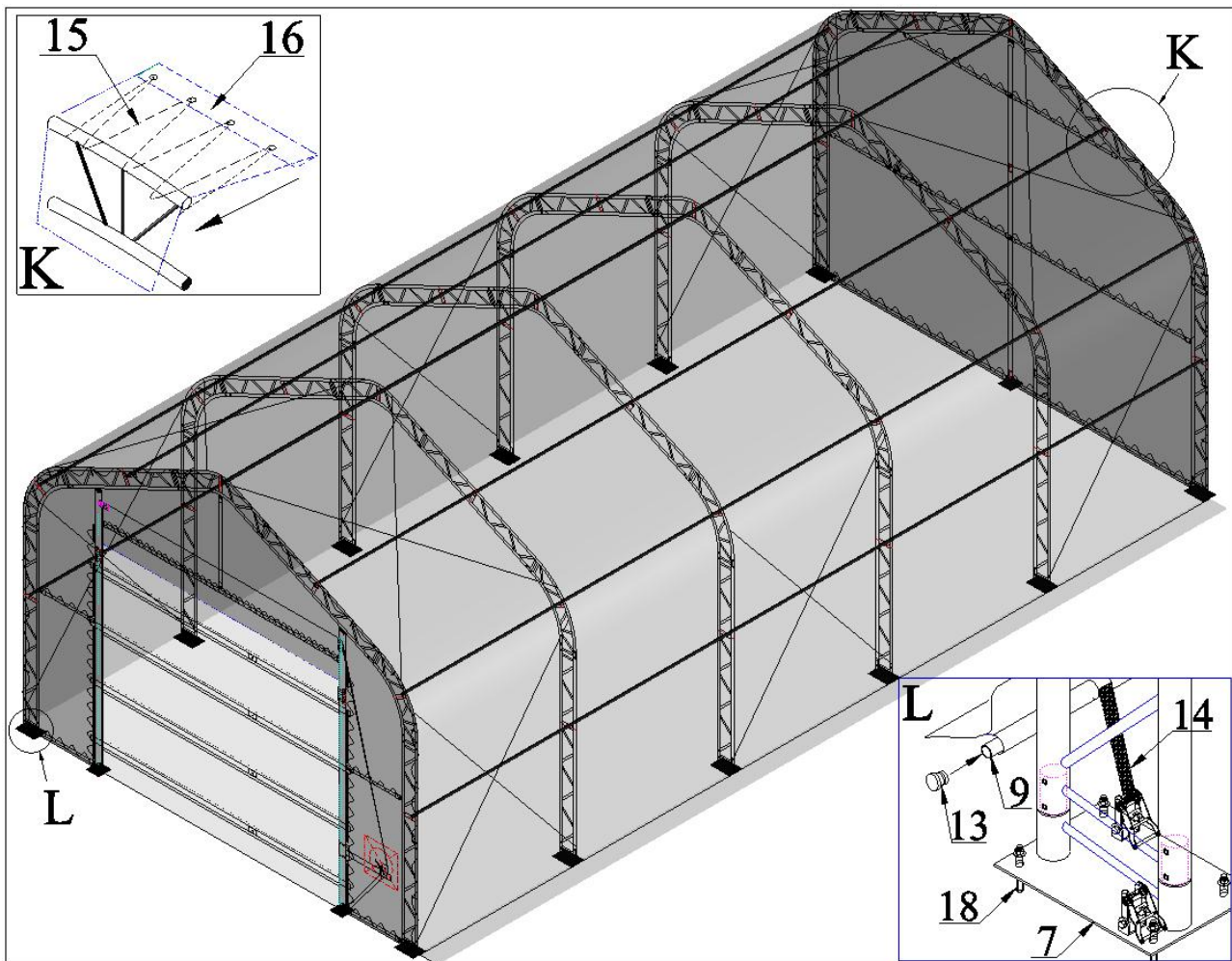
Roof Cover Installation

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.

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 roof cover over frame **EVENLY, CAREFULLY AND SLOWLY**. Insert tensioning tube (No.9) into the pipe pockets. Cut a small opening over against every base plate. Put the belt (No.14) around tensioning tube and go through ratchet on base plate 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.

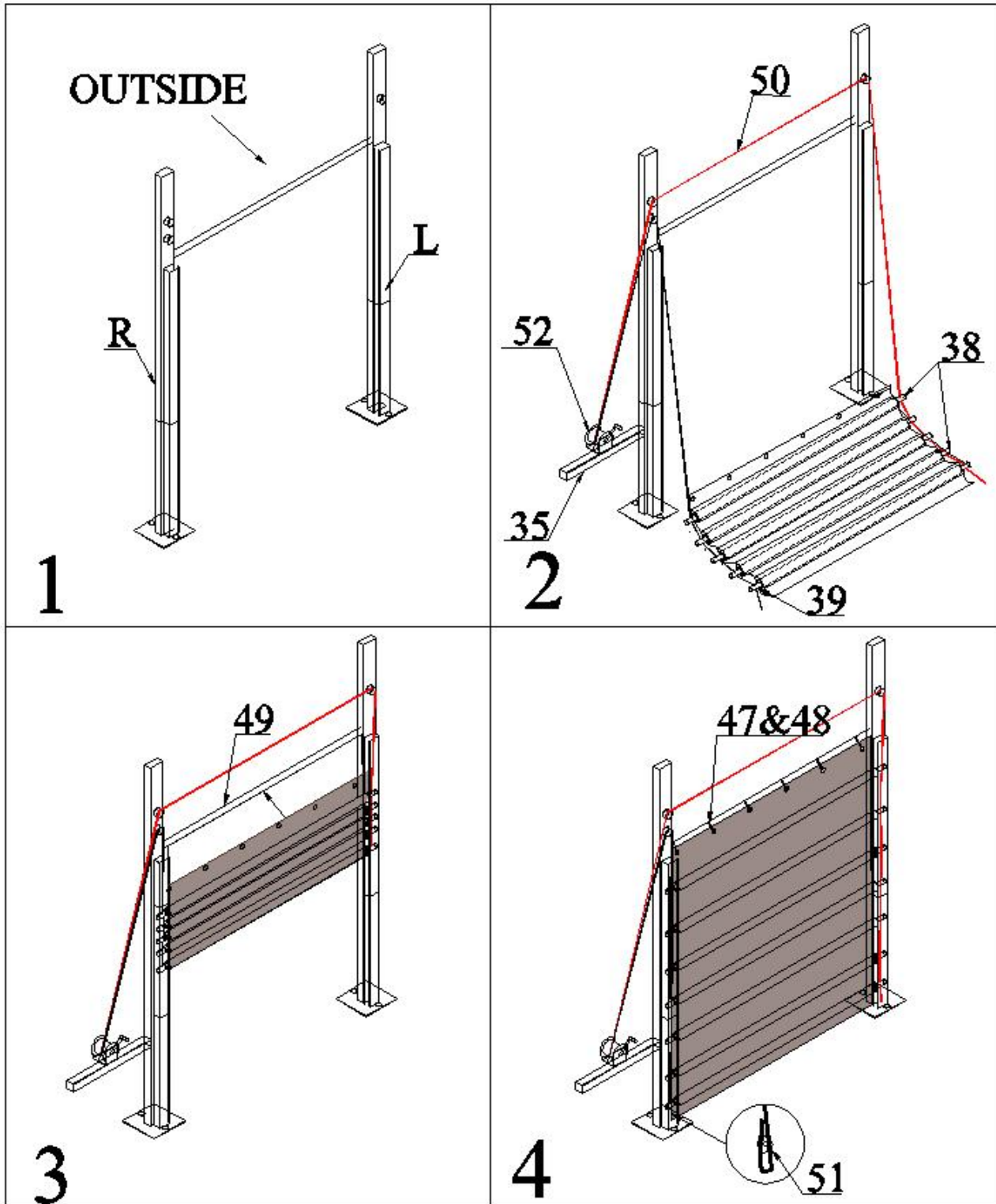
3. Use Knitting Rope (No.15) to tighten roof cover to end arches.
4. When roof cover is tidy and ready, drive the ratchet tie down forth and back and then roof cover is tightened in the vertical direction.
5. Tidy the cover. Pull the strap inside the end of roof cover, make the cover well fold to end arches and fasten the strap with ratchet.



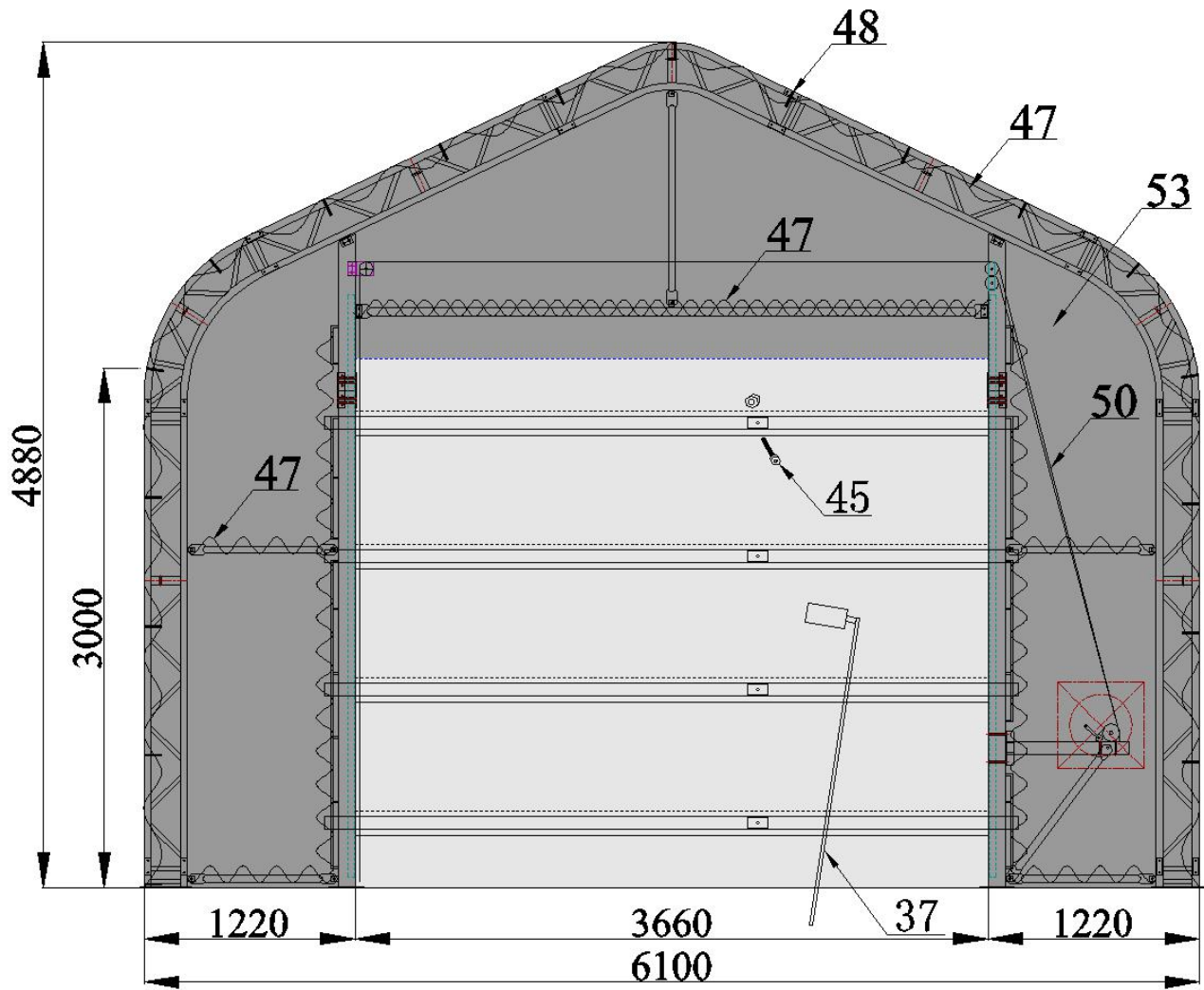
Front Cover and Mechanical Door Installation

1. Install the mechanical door refer to the diagram bellow.
2. Install front cover (No.53) to the first arch and posts and rails on front wall by rope (No.47) and cable tie (No.48).

Mechanical Door Installation

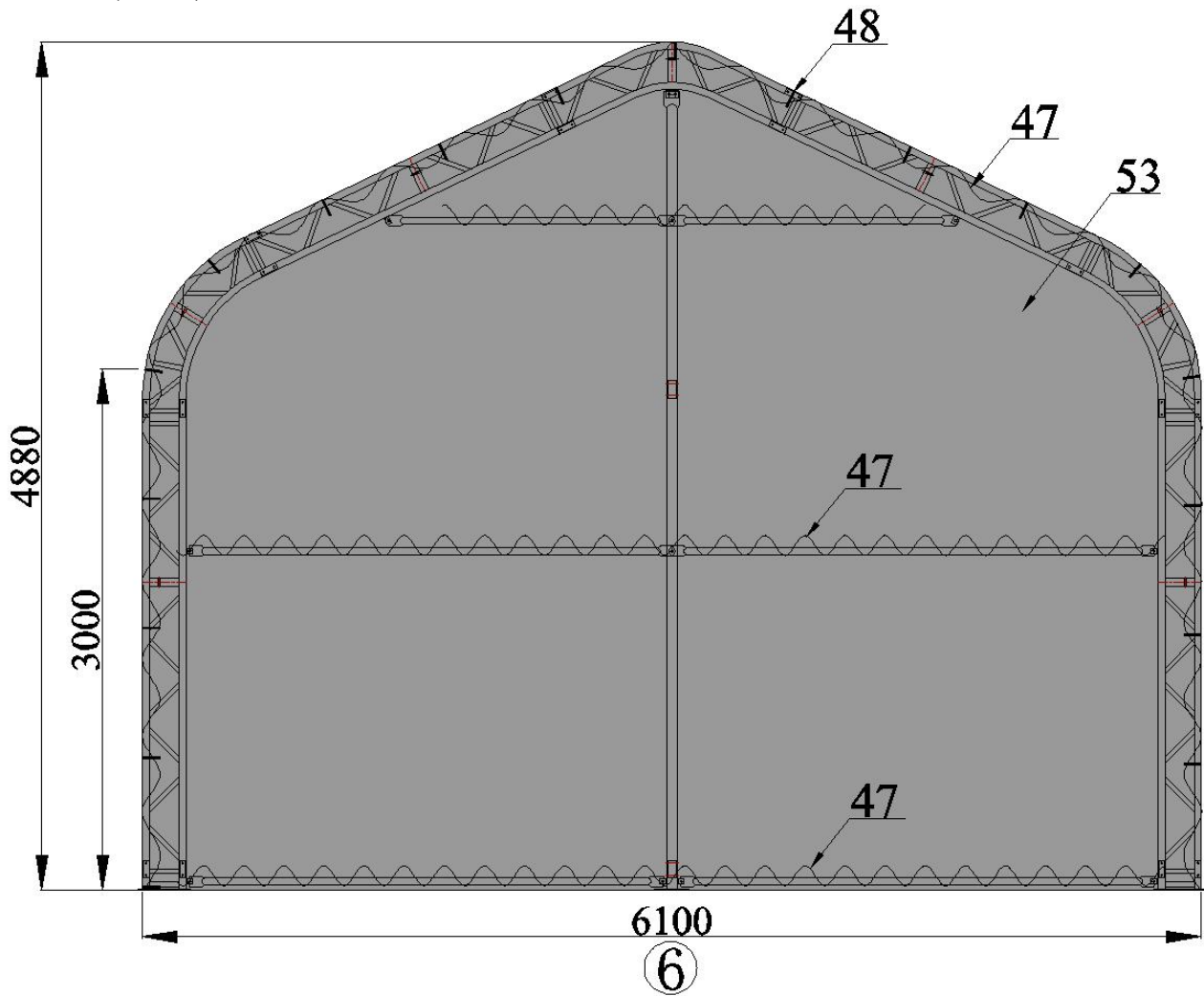


Front Cover Installation



Back Cover Installation

3. Install back cover (No.53) to the sixth arch and posts and rails on back wall by rope (No.47) and cable tie (No.48).



Now your assembly is completed