

Covering Your World

FABRIC BUILDING INSTRUCTIONS

MODEL: SH-RO46

L4 x W6.1 x H 3.55



PICTURE MAY NOT REFLECT THE EXACT MODEL

TO OUR NEW AND VALUED CUSTOMER

Thank you for purchasing your new Instant Shelter. We know you will have as much pleasure owning your new shelter as we had in making it for you. Our shelters have been designed for rapid assembly and minimal maintenance. We have rigorous quality control at every step of the shelters manufacturing process to insure you the best unit money can buy. Our parts are triple checked prior to packaging to insure you will have everything you need before you start. In the unlikely event that a part is damaged or missing, you should immediately contact your place of purchase for a speedy replacement.

About Safety

HEAD PROTECTION IS RECOMMENDED!

Working with or under heavy parts included with this shelter can cause serious head injury.

WEAR GLOVES

You will be working with metal parts which may have SHARP edges

CHECK WITH YOUR LOCAL AUTHORITIES

Underground POWER CABLES or GAS LINES may result in injury while securing the shelter. It may also result in having to move the building. A cursory check with the local building authorities will help alleviate these concerns.

CLIMBING EQUIPMENT

It is highly recommended that scaffolding, ladders and mechanical lifting equipment conform to all local building codes when erecting the shelter. Safety straps and harnesses should be used at all times. The metal structure of the shelter has not been designed for human weight. Erecting shelter during wind or rain is unsafe and could result in serious injury.

CHECK LOCAL WEATHER CONDITIONS

Check your local weather forecast prior to planning your building day. Wind, snow and/or rain may cause unsafe conditions that could lead to serious injury.

STORING HAZARDOUS MATERIALS

Check all local building codes prior to storing any hazardous material. Shelter may require additional ventilation to meet local codes.

SEVERE WEATHER CONDITIONS

Working in and around the portable shelter during severe weather is not recommended. Serious injury could result. In the event that extraordinarily severe wind, snow or other severe conditions are predicted and if time permits, it is recommended that the shelter cover be removed.

PREVENT ENTRAPMENT

Check Shelter for co workers before locking up. Always provide for escape in case of emergency.

SHELTER RELOCATION

Should the shelter require relocation or disassembly for any reason, it is strongly recommended that the structure and its cover are thoroughly inspected prior to rebuilding.

PERIODIC SHELTER INSPECTION

As with all structures, periodic inspection of the cover and all structural-components is highly recommended. Tightening the cover and the structure will prolong the life of your investment.

PLEASE BE **Safety** CONSCIOUS!




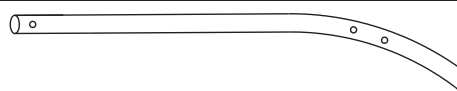
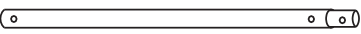
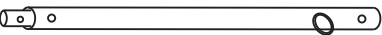
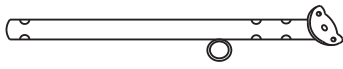
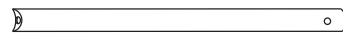

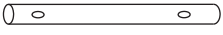
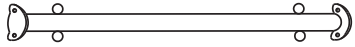
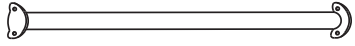

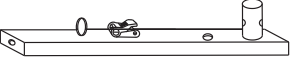
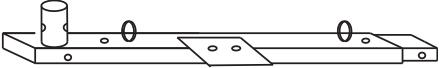
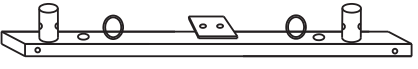

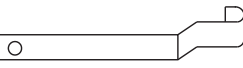
Common Sense is the knack of seeing things as they are, and doing things as they ought to be done.

THANK YOU FOR CHOOSING OUR SHELTER

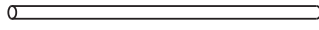
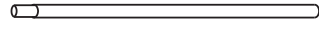
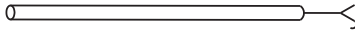

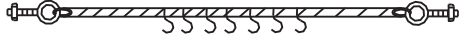


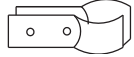
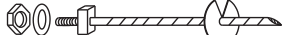
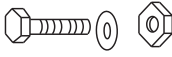
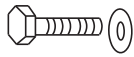
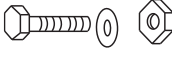
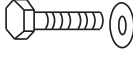
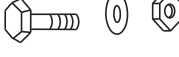



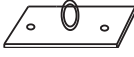


UNPACKING & IDENTIFYING PARTS

Prior to assembling your New Portable Shelter, unpack all crates and complete an inventory of all parts according to the following list and diagrams





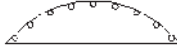

PARTS LIST FOR SH-RO46

Parts#	Descriptions	Diagram	Dimensions (in mm)	Q'TY
1	Top roof arched rafter(left)		Φ 45x1550	4
2	Roof arched rafter		Φ 45x1550	8
3	Roof arched rafter(lower end)		Φ 45x1550	4
4	Side upper curved rafter		Φ 45x1140	8
5	Side vertical rafter(leg)		Φ 45x1400	8
6	Inside door vertical tube(lower)		Φ 45x1400	4
7	Inside door vertical tube(upper)		Φ 45x1318	4
8	Upper door cross tube(left/right)		Φ 45x1670	4
9	Upper door cross tube(mid)		Φ 45x1670	2
10	Side door frame cross support tube		Φ 45x420	4
11	Top and side roof purlin		Φ 38x1277	9
12	Purlin		Φ 38x1277	12
13	Upper door vertical support		Φ 45x800	2
14	Door frame base rail		25x70x500	4
15	Side base rail		25x70x1316	4
16	Side base rail(end)		25x70x1407	2
17	Upper door vertical support connector		Φ 45	2
18	Door sliding cable support hook		3x25	2

PARTS LIST FOR SH-RO46

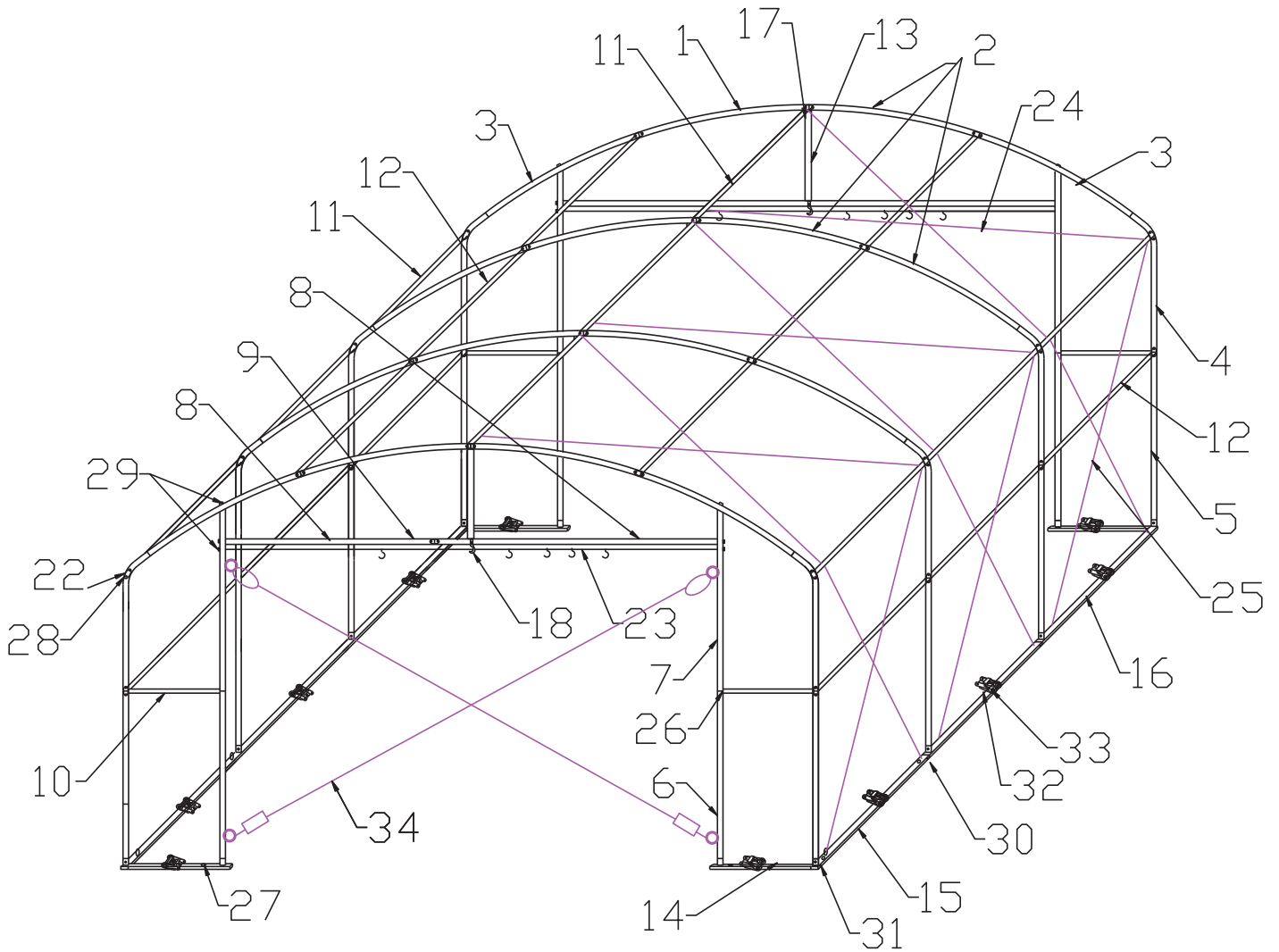
Parts#	Descriptions	Diagram	Dimensions (in mm)	Q'TY
19	Cover conduit		Φ28x1020	2
20	Cover conduit		Φ28x1020	6
21	Zipper tool(open/close)		Φ16x1000	1
22	Fixer		Φ45	34
23	Door sliding cable (S:18pcs)		Φ6x5000	2
24	Roof bracing cable kit		Φ6x3260	12
25	Side wall bracing cable		Φ6x2460	12
26	Single-way clamp		Φ45	16
27	Anchor		M16x350	16
28	Screw, washer and nut		M8x75	104
29	Screw and washer for door frame		M8x75	8
30	Screws for base rail		M8x100	6
31	Screws for door base		M8x100	4
32	Screw, washer and nut for ratchet		M8x15	12
33	Ratchet tie-down		3x30x75	6
34	Door bracing cable kit		Φ6x5430	4
35	Fixer band			2
36	Fixer Steel plate		8x60x150	4
37	Door wedge anchor(#36)		M12x120	8
38	Strap band (for ratchet)		25x700	6

PARTS LIST FOR SH-RO46

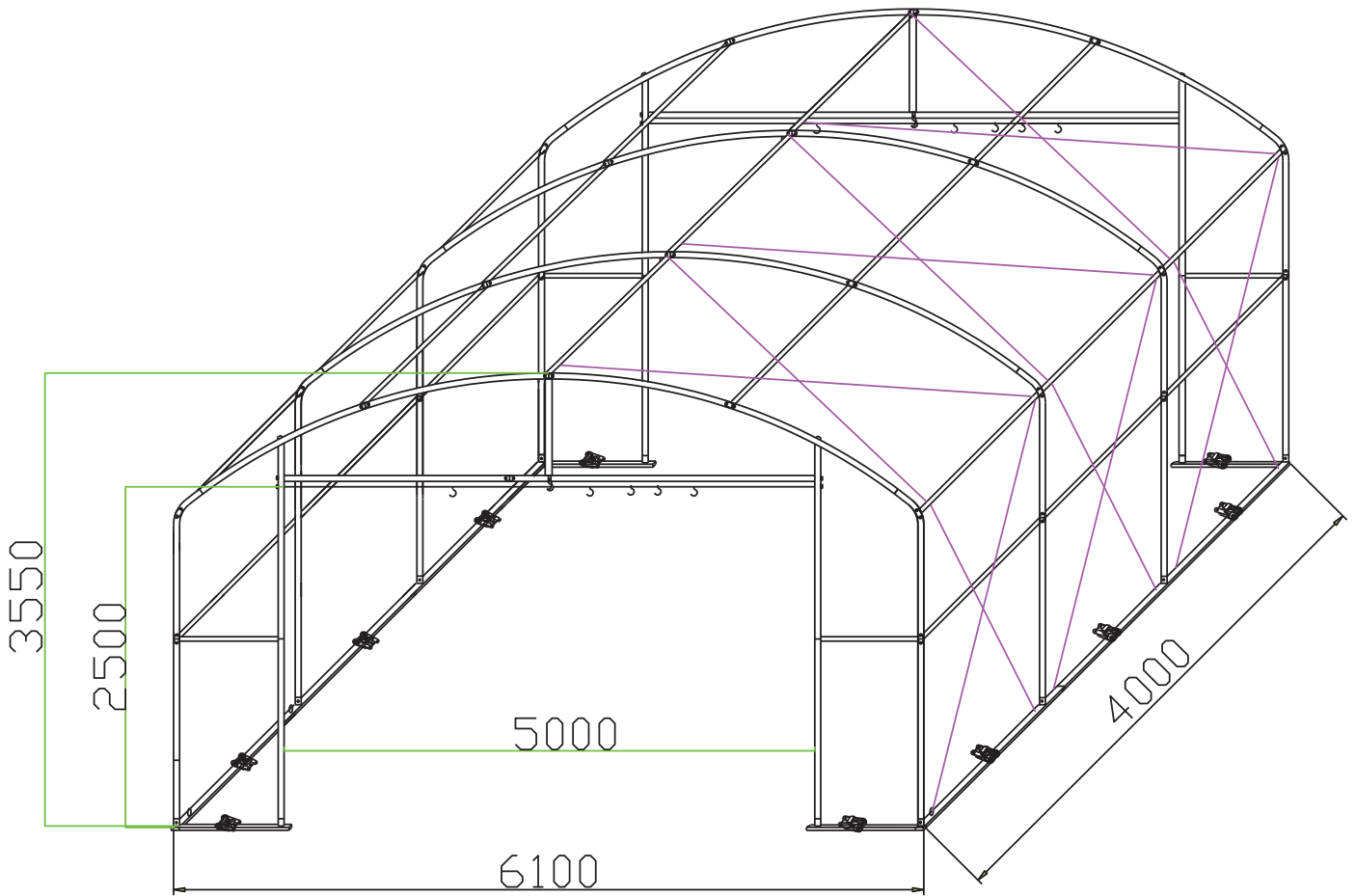
Parts#	Descriptions	Diagram	Dimensions (in mm)	Q'TY
39	Cover locker-up		T-2	40
40	Ball Type Bungee		Φ 5x33	68
41	Main Cover			1
42	door cover			2
43	upper cover			2
44	Wrench		#13 - 16	2

PARTS LIST FOR SH-RO46

L4 x W 6.1x H3.55m SH-RO46

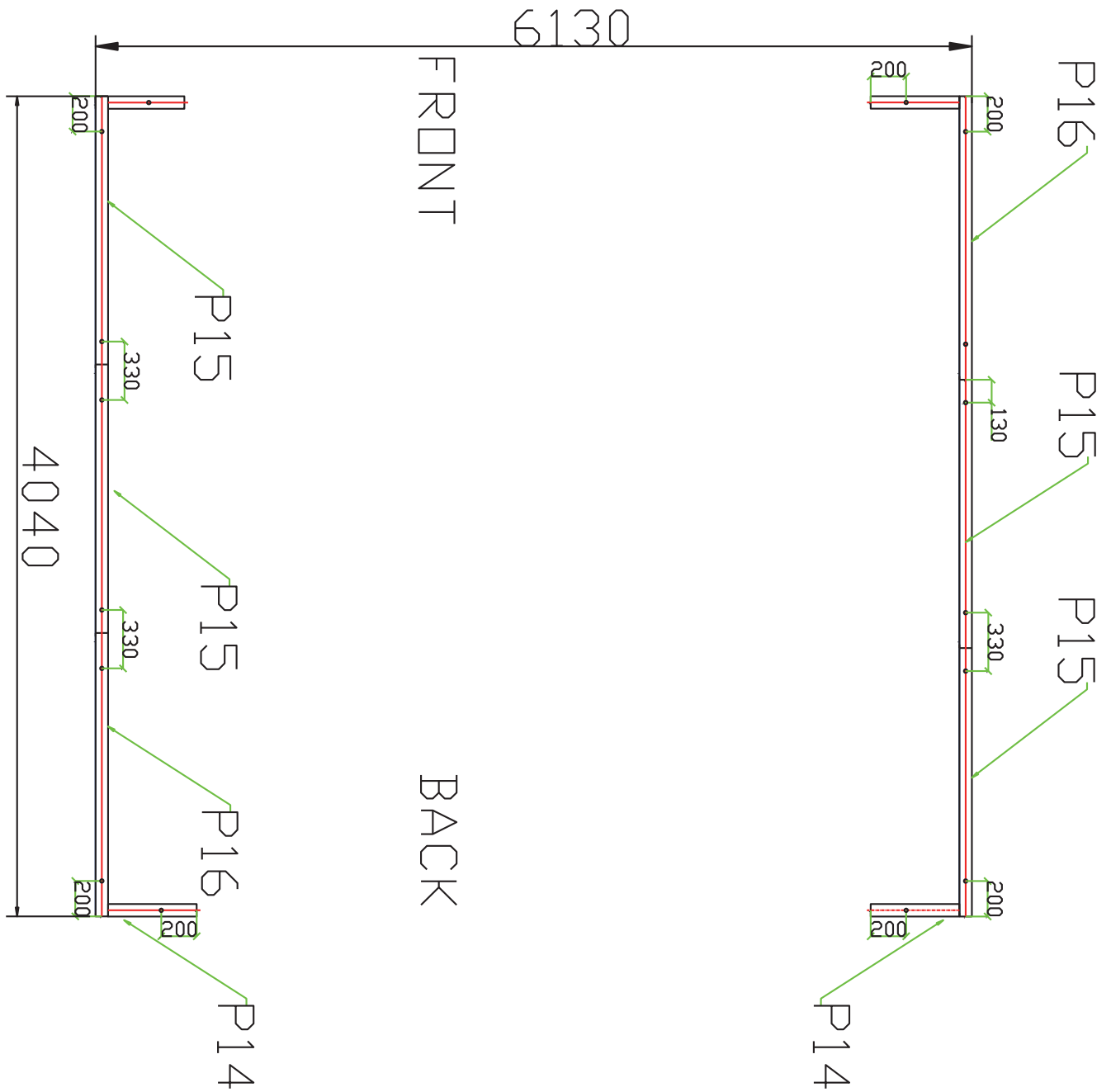


SH-RO46 Main Dimension(mm)



※サイズは約です。必ず現物で合わせてください。

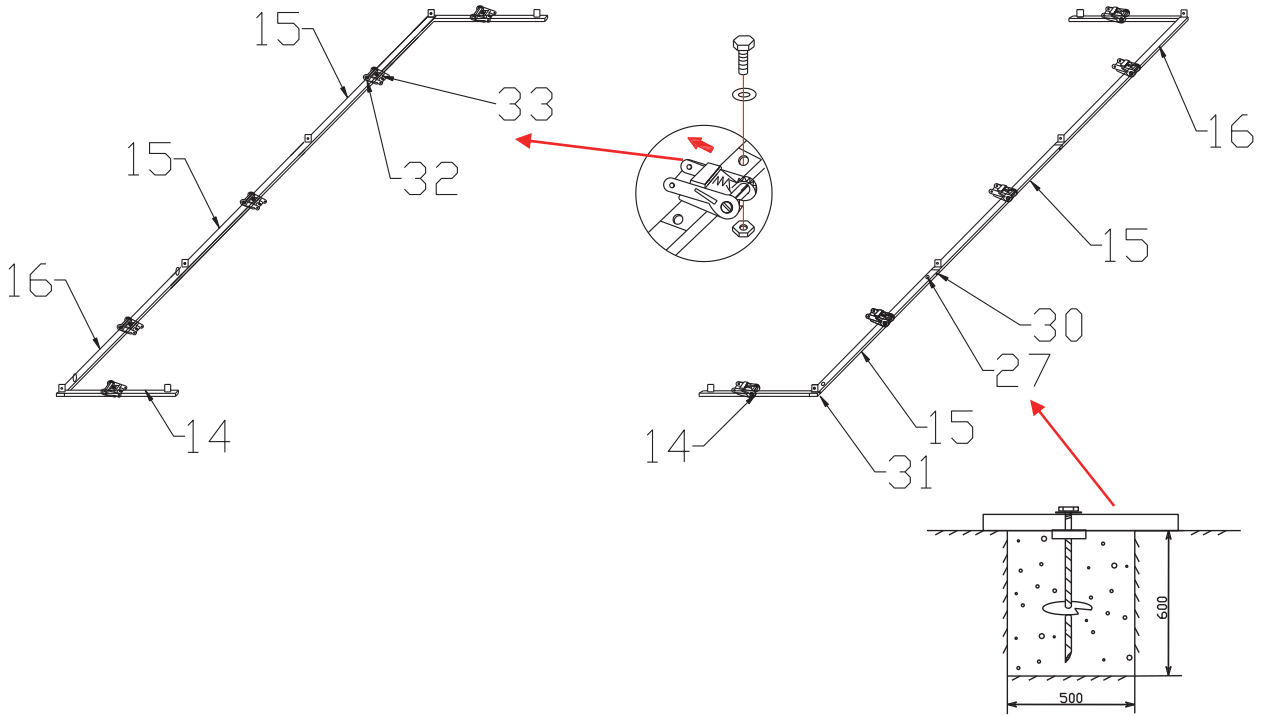
Base drawing



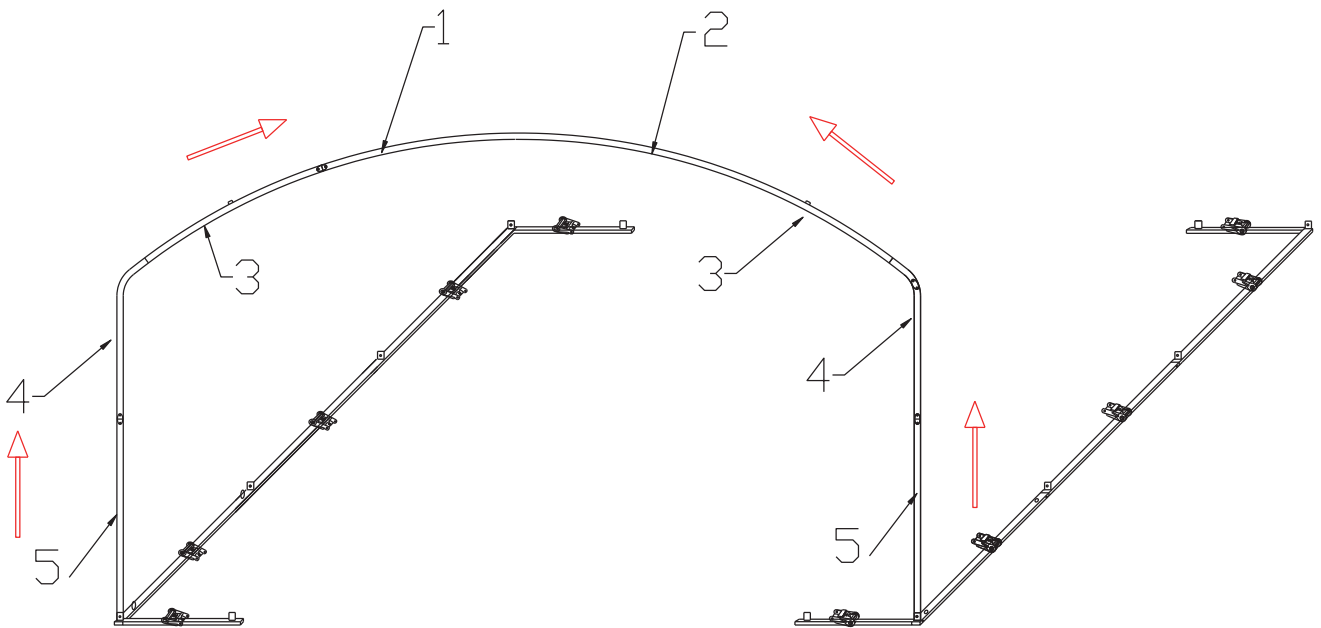
※サイズは約です。必ず現物で合わせてください。

Frame Assembly Steps

Step 1: Measure according to above drawing, then Place and connect base rails as illustrated below with #15, #16,#17, Fix to ground with #27,Then install the ratchet on it.

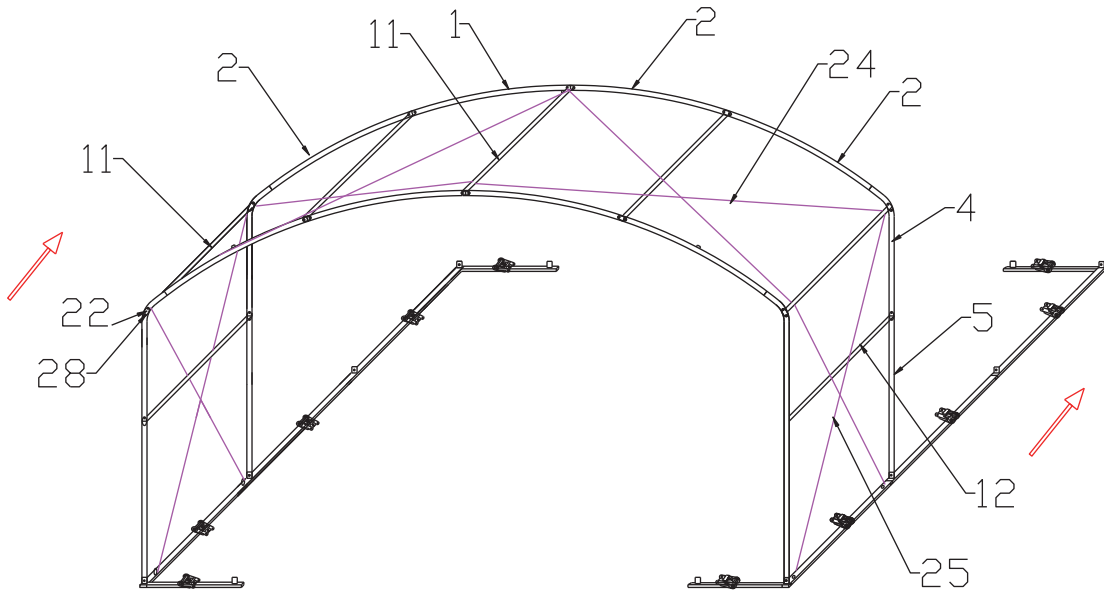


Step 2: Install the first row of rafters with #1,#2,and #3,#4,#5,then put into base feet,(It is very important to hold the first row of rafter with wood, rope and etc to avoid the hurts and damage of falling down.)

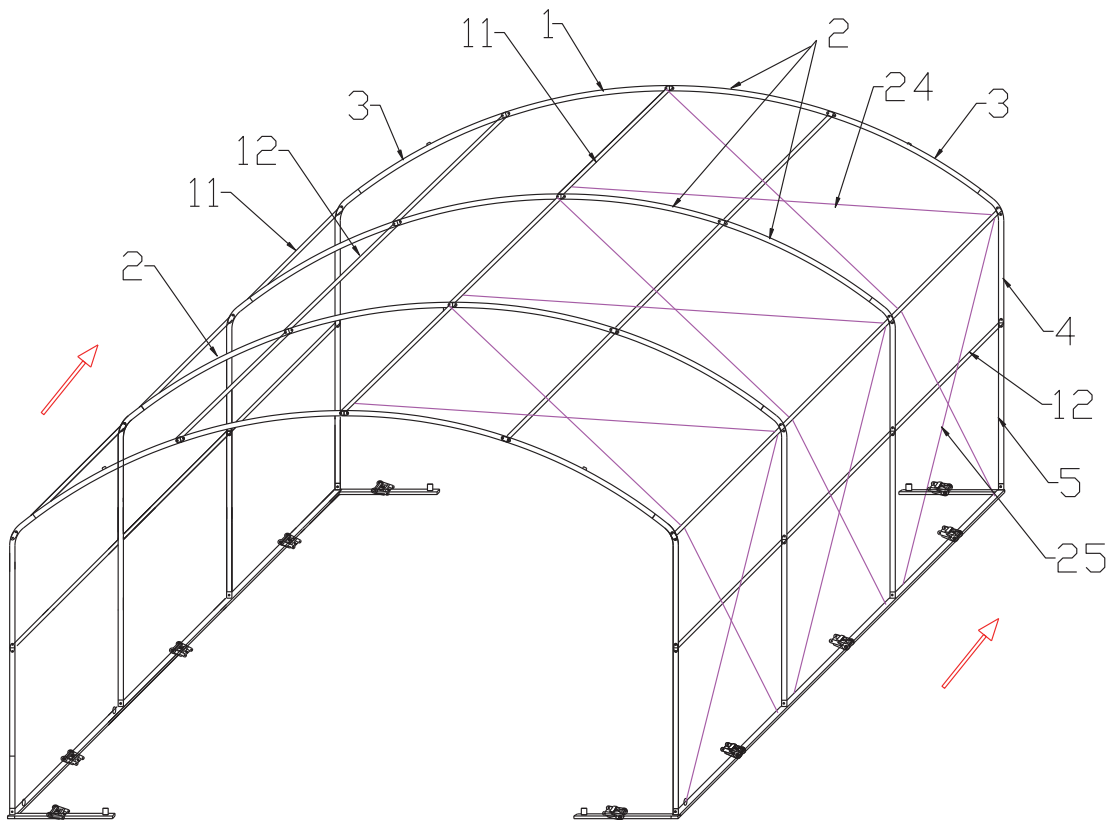


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Step 3: Install the second row of rafter with #1,#2 and #4,#5,put into the base feet, then connect with first row with #11and #12,brace them with #24,#25.

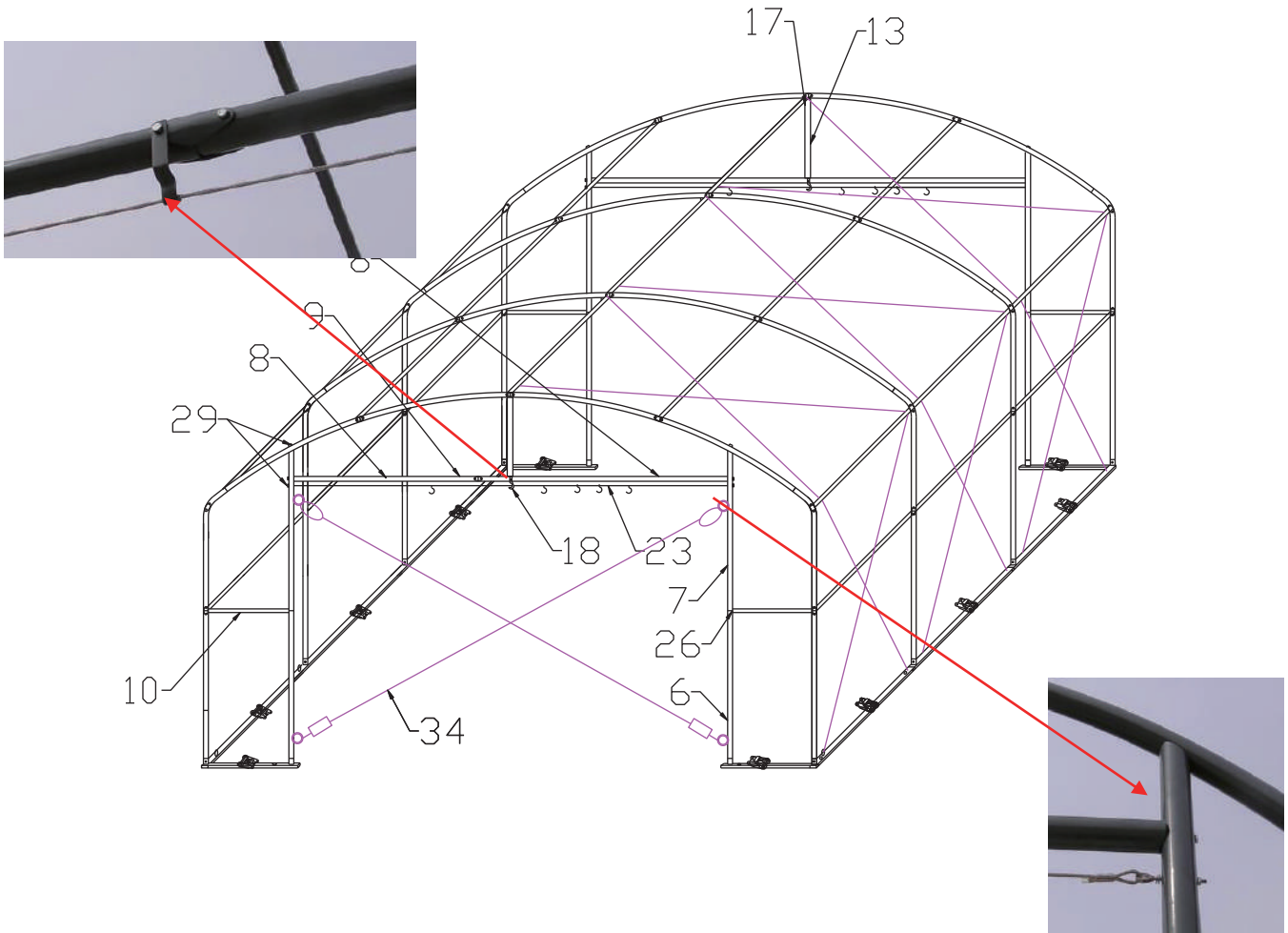


Step 4: The same step to install other rows of rafters.

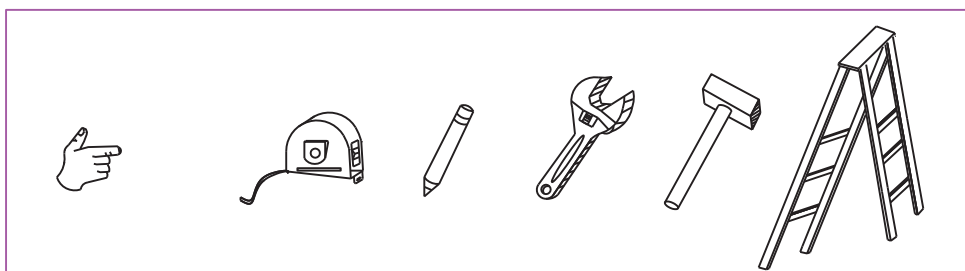


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Step5: Install the door frames as illustrated below, then fasten all the screws and parts.

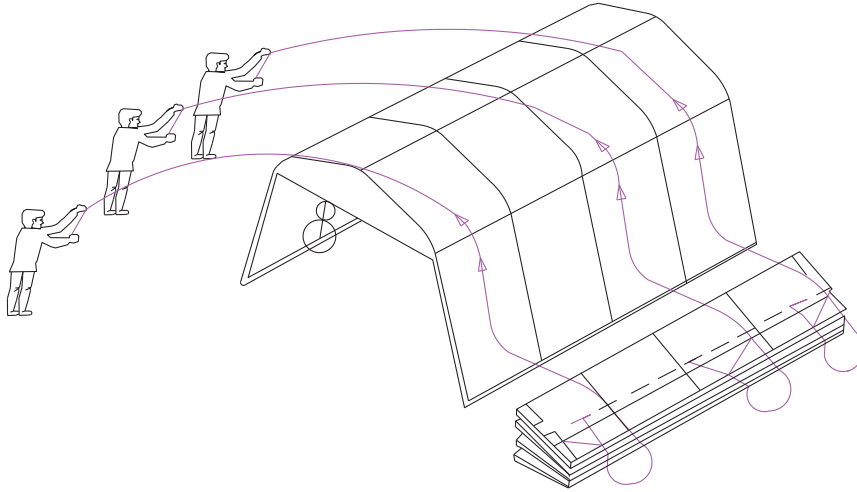


Tips: The tools below may needed while installing the shelter.

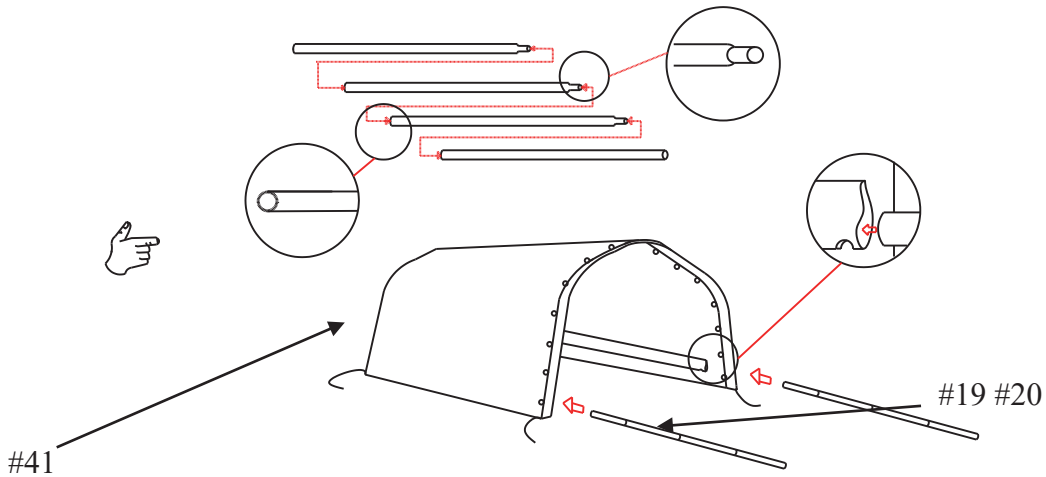


Roof Cover Assembly

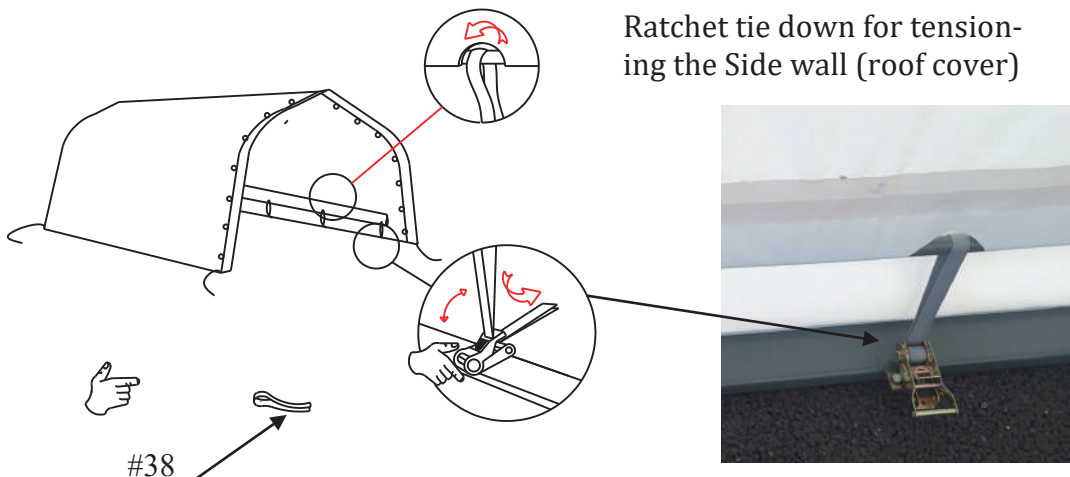
TIPS : Slide the roof cover over assembled frame from one side



insert the conduit to pocket on side:

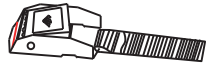
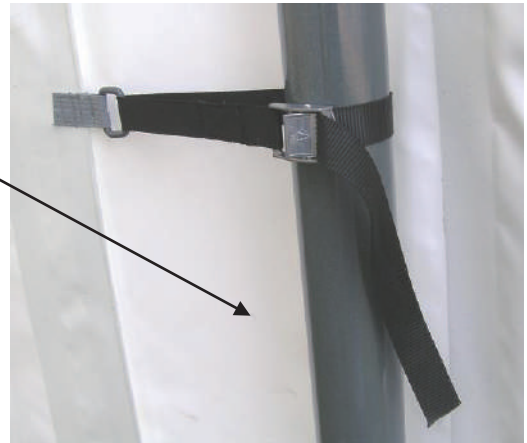
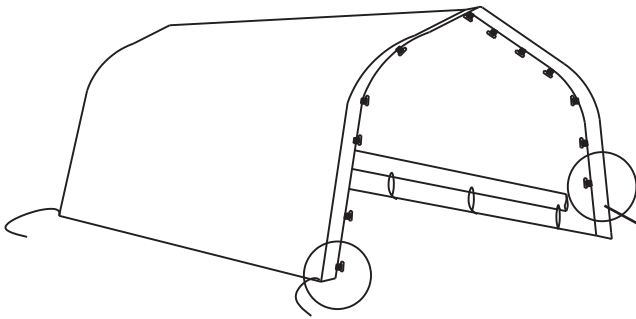


Pocket for side wall conduit
Ratchet tie down for tensioning the Side wall (roof cover)



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Step 2 : Attach the cover (#35/#36) to the frame as following :

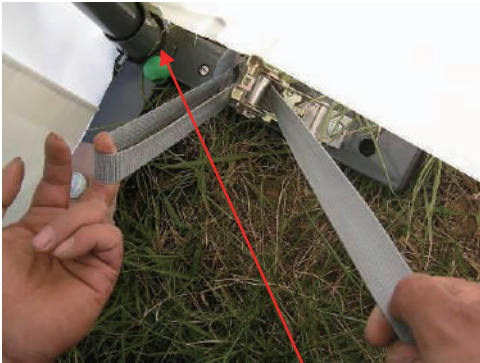


#39

Note:#39 for main roof cover tensioning.
#40 for front and end covers tensioning.

Your assembled shelter will be similar to the illustration as below :

Illustration for Ratchet

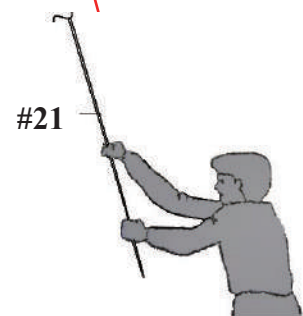


#40



#42

#43



#21

(in order to protect the shelter from heavy wind, please install the wind bracing straps at points 300 mm measuring from the ends, and others to be installed in the middle averagely.) (photos are for reference only, the real quantity is according to packing list.)

