

## **PORTABLE SHELTER INSTRUCTIONS**

### **MODEL:SH-1430R**

L9.2mxW4.3mxH4.3m



PICTURE MAY NOT REFLECT THE EXACT MODEL

## ***Covering Your World***

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### **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.

### **And Now a Few Words 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.

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### **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.

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### **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!***





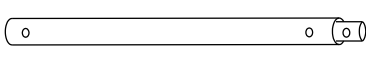
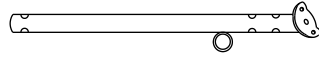
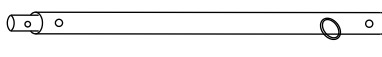
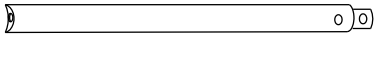
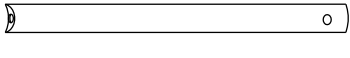
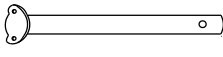
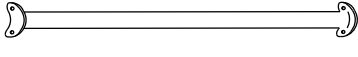
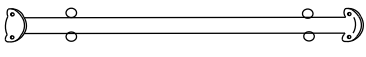
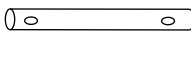

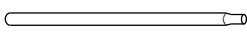
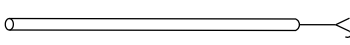
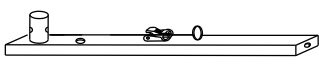
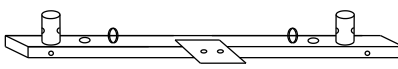
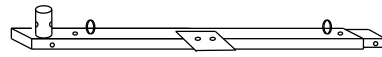

Common Sense is the knack of seeing things as they are, and doing things as they ought to be done. *Harriet Beecher Stowe*

### **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


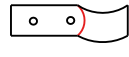
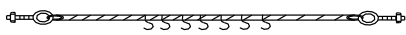


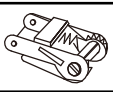
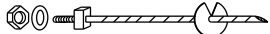
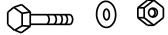
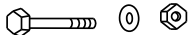
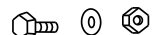

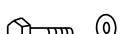




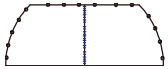
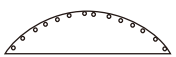
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### PARTS LIST FOR SH-1430R

Parts#	Descriptions	Diagram	Dimensions (in mm)	Q'TY	BOX
1	Top rafter		∅ 45x1630	7	2
2	Top rafter		∅ 45x1630	7	2
3	Side roof rafter		∅ 45x1630	10	2
4	Side roof rafter(end)		∅ 45x1630	4	2
5	Leg rafter		∅ 45x2100	14	1
6	Door frame vertical tube(upper)		∅ 45x1360	4	2
7	Door frame vertical tube(lower)		∅ 45x2100	4	1
8	Upper door cross tube1		∅ 45x1505	2	2
9	Upper door cross tube2		∅ 45x1505	2	2
10	Upper door vertical supporter		∅ 45x900	2	2
11	Purlin		∅ 38x1483	12	2
12	Purlin with ring		∅ 38x1483	18	2
13	Door frame side		∅ 45x350	4	2
14	Cover conduit		∅ 28x1550	2	2
15	Cover conduit		∅ 28x1550	10	2
16	Zipper tool(to open/close)		∅ 16x1600	1	2
17	Door base rail parts		70x25x600	4	2
18	Base rail parts		70x25x1612	2	2
19	Base rail parts		70x25x1526	10	2
20	Fixer			24	2



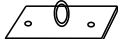
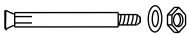



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### PARTS LIST FOR SH-1430R

Parts#	Descriptions	Diagram	Dimensions (in mm)	Q'TY	BOX
21	Upper door support connection			2	2
22	Door frame side cross support connection clamp		∅ 45	16	2
23	Door sliding cable kits (S:12pcs/L)		∅ 6x3000	2	2
24	Side rafter bracing cable		∅ 6x2280	24	2
25	Roof rafter bracing cable		∅ 6x3280	24	2
26	Ratchet tie-down			12	2
27	Anchor		M16x350	28	2
28	Screw, washer and nut		M8x75	122	2
29	Screw, washer and nut for base rail		M8x100	10	2
30	Screw, washer and nut for ratchet		M8x15	24	2
31	Screw, washer for door base rail		M8x100	4	2
32	Screw, washer for door frame		M8x75	8	2
33	Cover lock-up		T-2	36	2
34	Strap band		25x700	12	2
35	Ball type bungee		∅ 5x330	60	2
36	Main cover			1	2
37	Door cover			2	2
38	Door upper cover			2	2

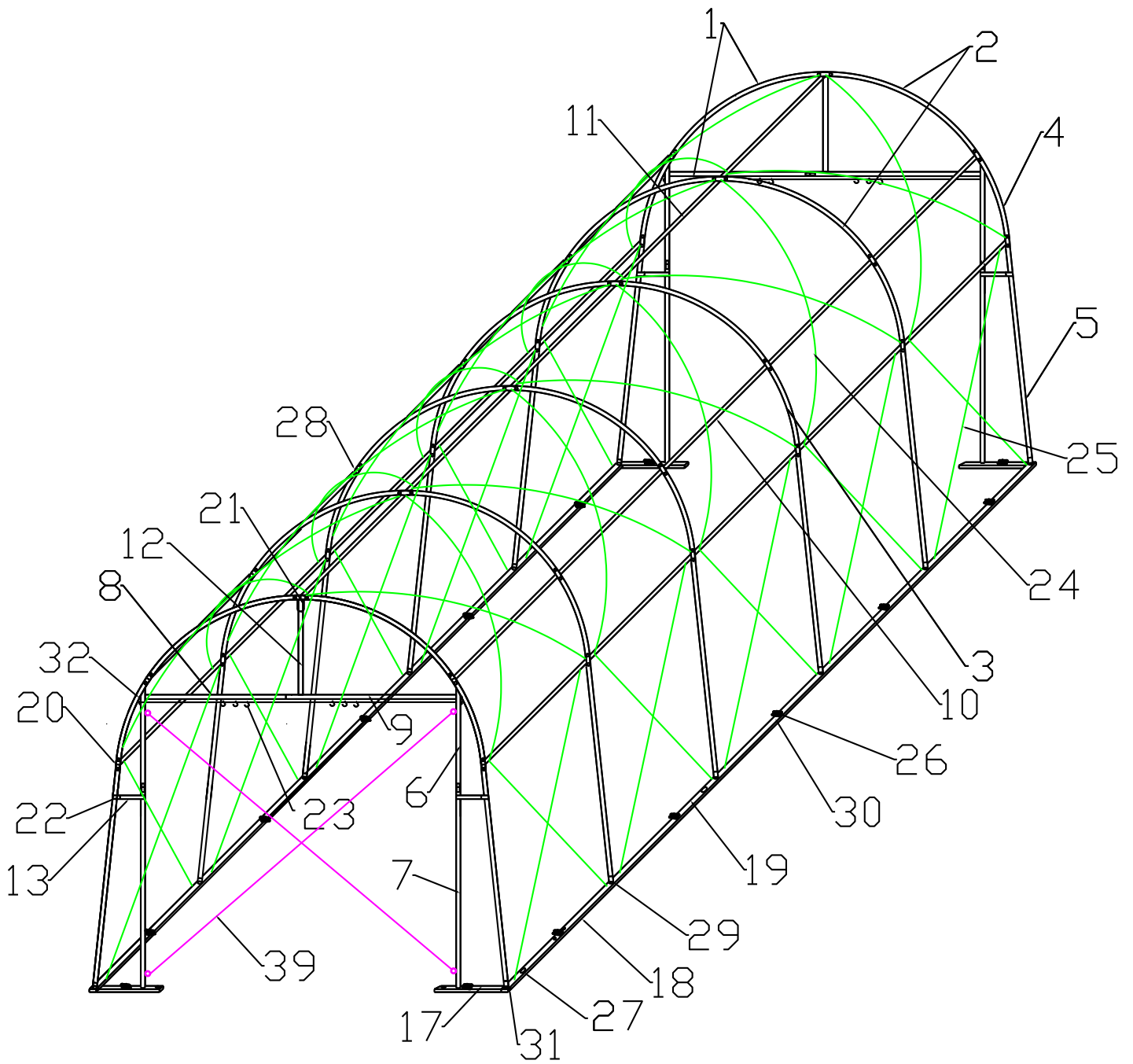
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### **PARTS LIST FOR SH-1430R**

Parts#	Descriptions	Diagram	Dimensions (in mm)	Q'TY	BOX
39	Door bracing cable kit		∅ 6x4220	4	2
40	Roof wind bracing strap			3	2
41	Base (for #40)			6	2
42	Wedge anchor (for #41)		M12x120	12	2
A	Auger anchor			4	2
B	Guy rope		6x4000	4	2
C	Guy rope fixer			4	2

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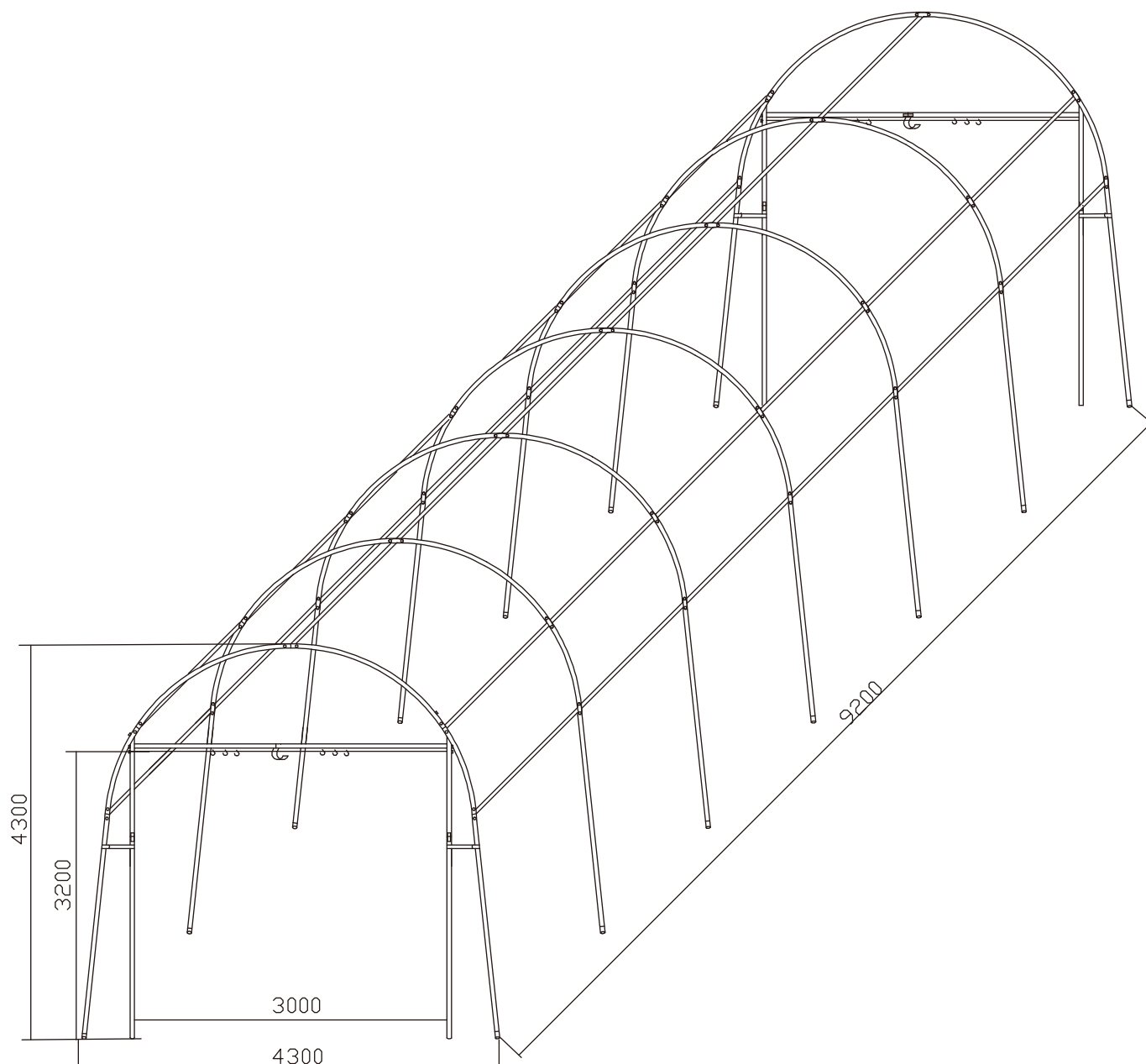
SH-1430R





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### SH-1430R Main Dimention(mm)



※サイズは約です。必ず現物で合わせてください。

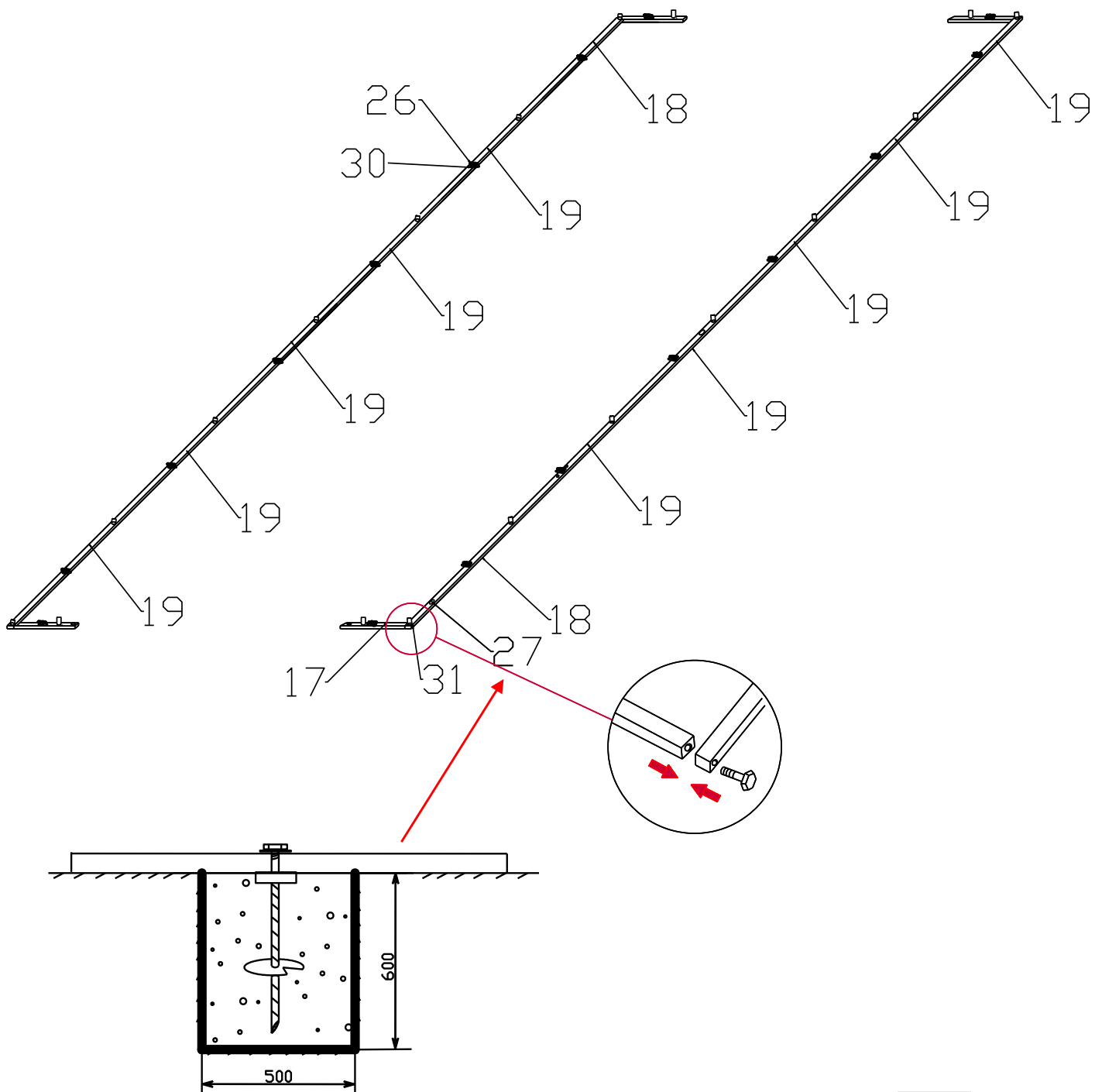


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### Frame Assembly Steps

Choose the place, measure according to above drawing, and install base as illustrated below.

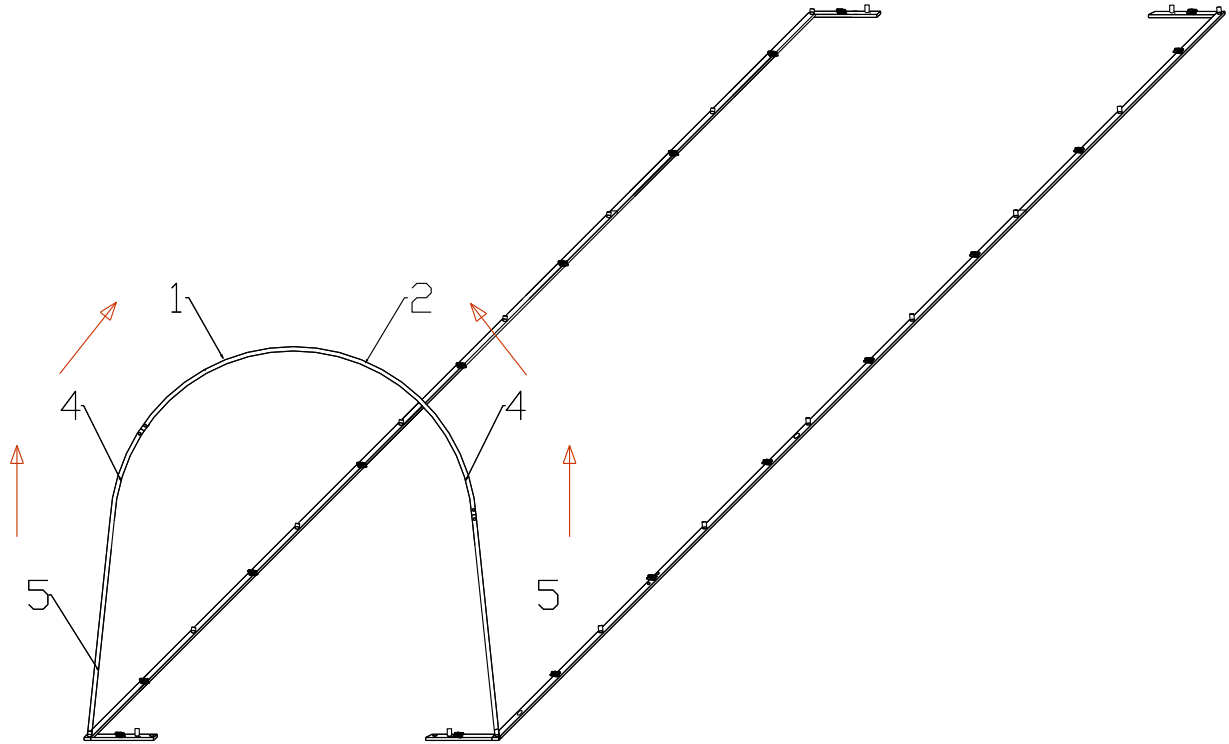
(Note: Please install the shelter after the concrete concreted)



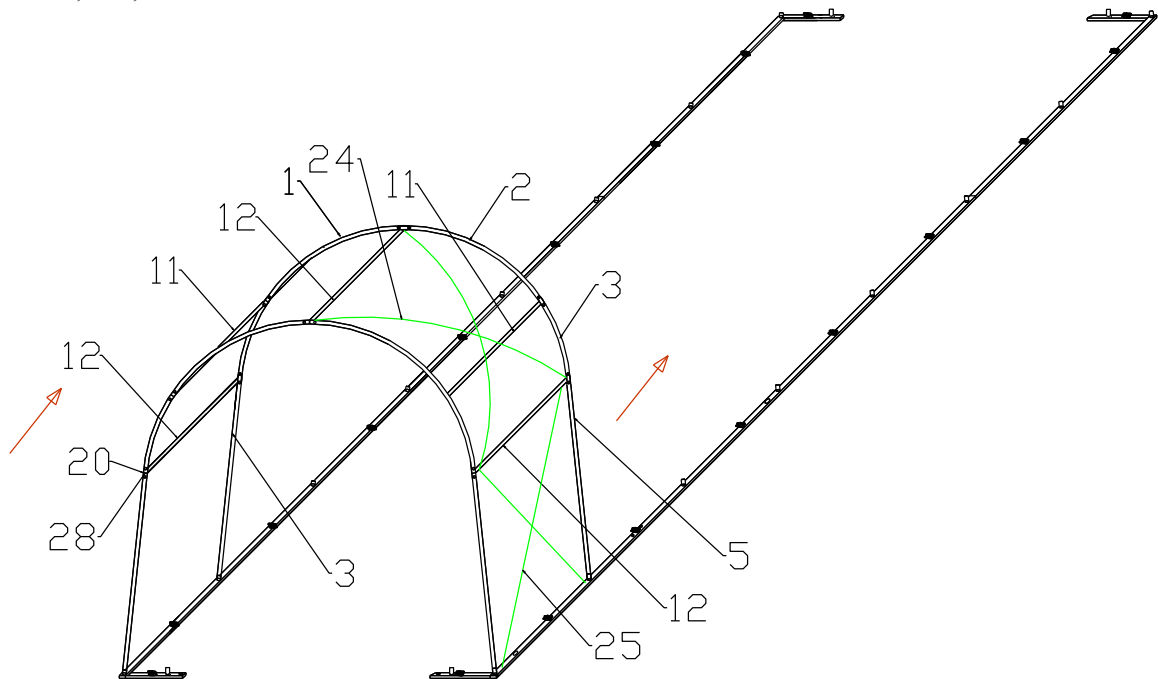
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Step 1: Install the first row of rafters with #5, #4 and #1, #2 as illustrated below. (To avoid accident, It is very important to hold the first row of rafter with support(wood, rope or similar thing), make sure that it won't fall down.)

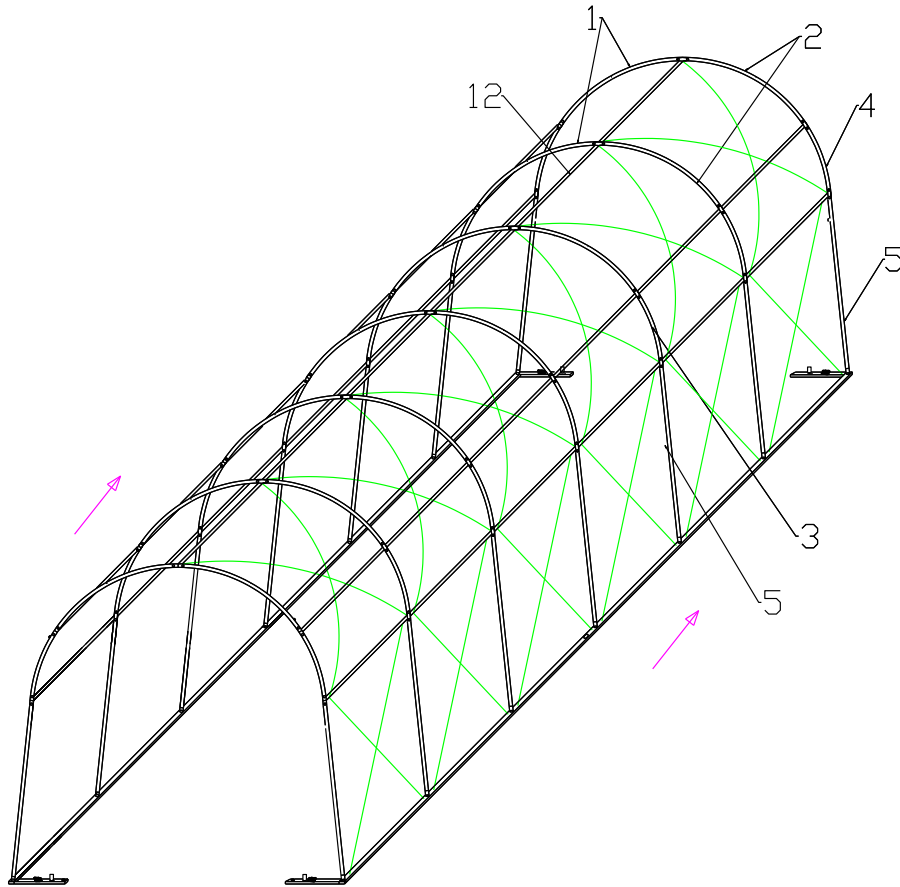


Step 2: Install the second row of rafters with #5, #3 and #1, #2, connect the first row with #11, #12, install the cables #24, #25, and fasten.

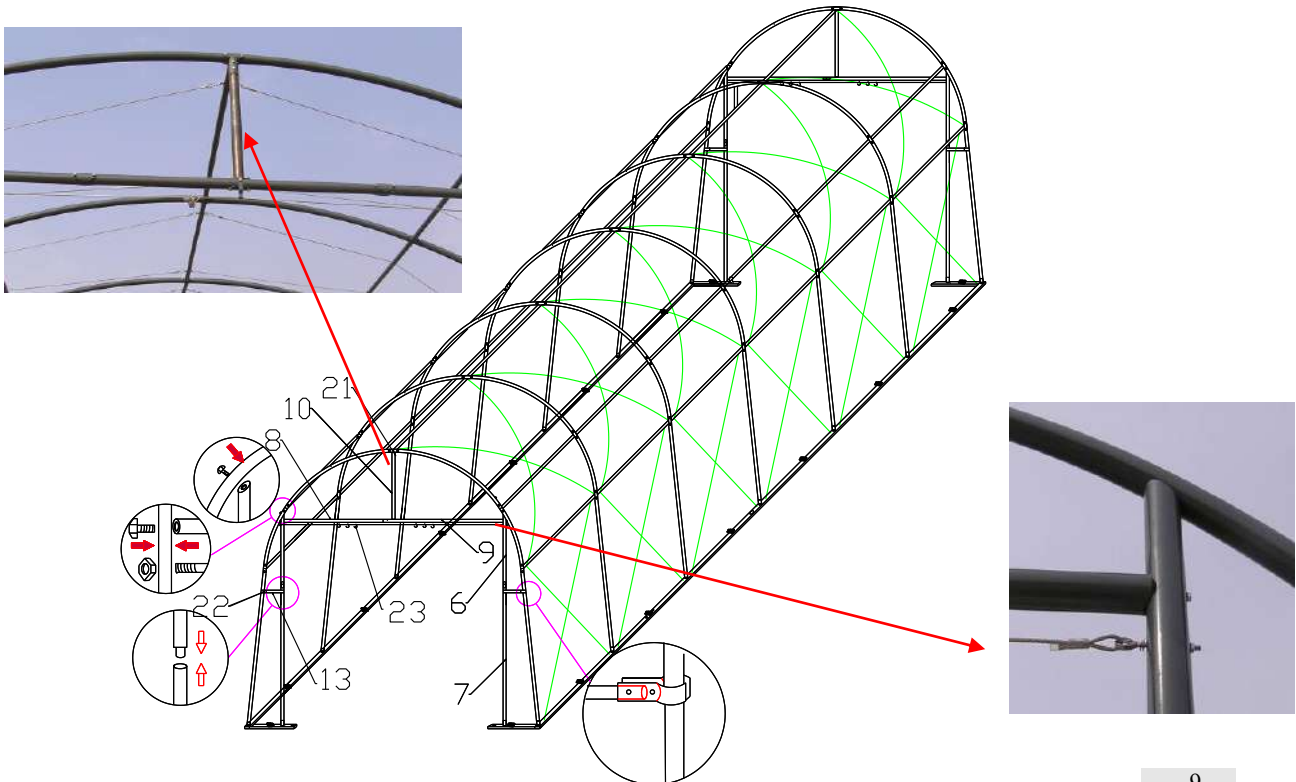


## Covering Your World

Step 3: The same way to install other rows of rafters, purlin and cables.

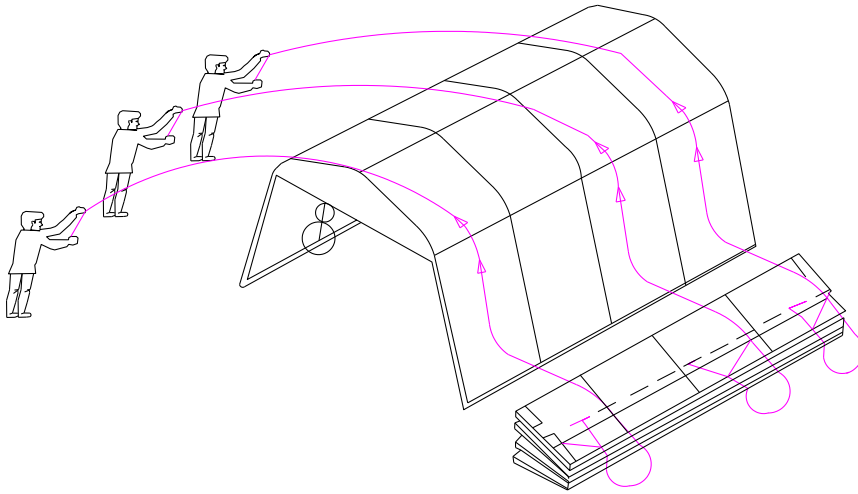


Step 4: Install the end frames as following, then fasten all the screws and parts.

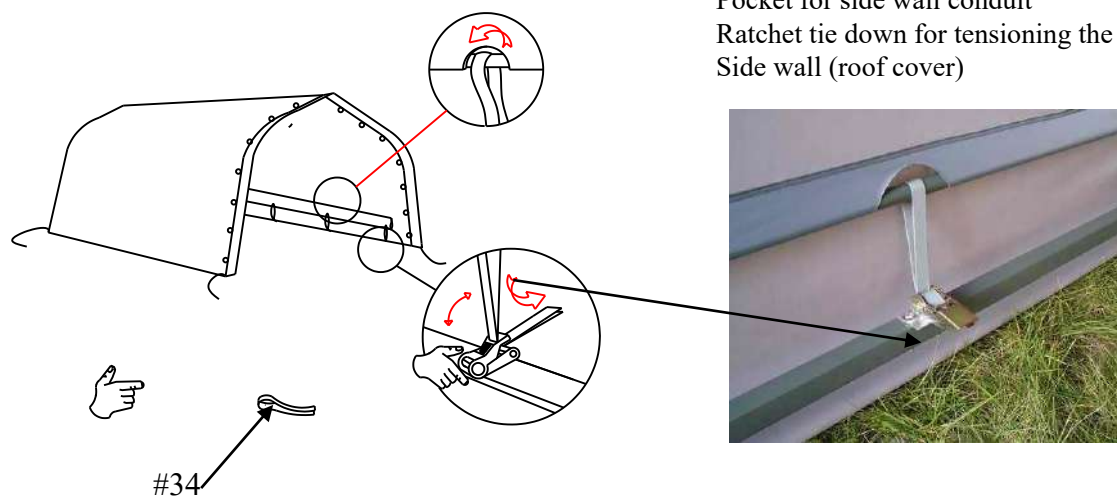
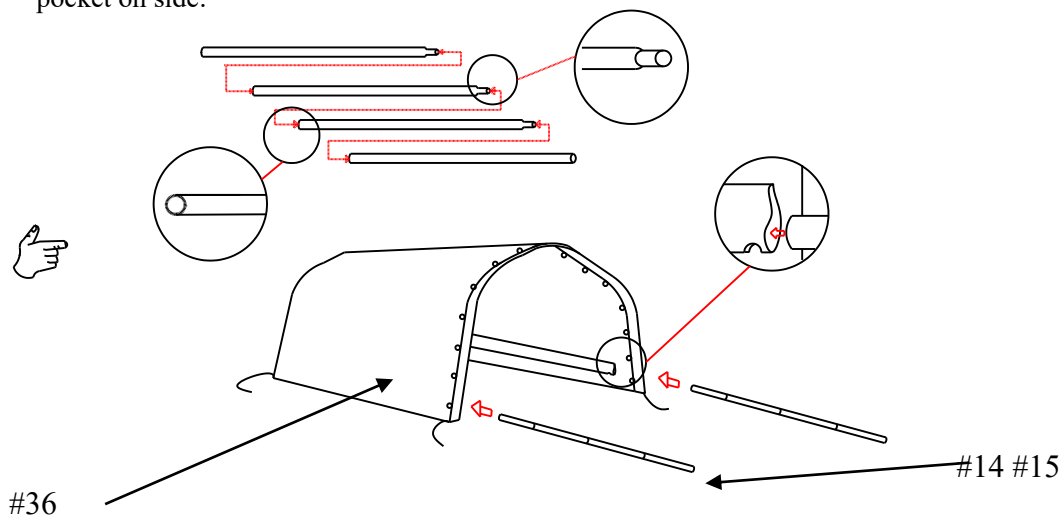


## Roof Cover Assembly

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



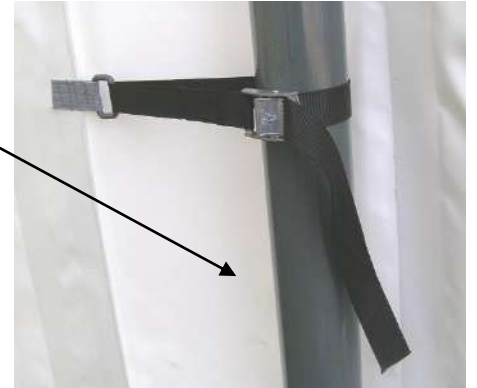
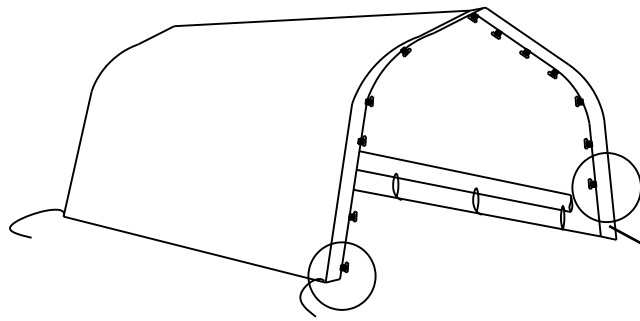
insert the conduit to  
pocket on side:



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

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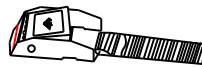
Step 2 : Attach the cover (#33/#35) to the frame as following :



Note:

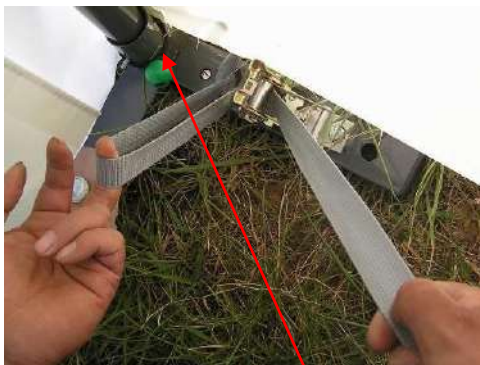
#33 for main roof cover tensioning.

#35 for front and end covers tensioning.



#33

Your assembled shelter will be similar to the illustration below :  
Illustration for Ratchet using.

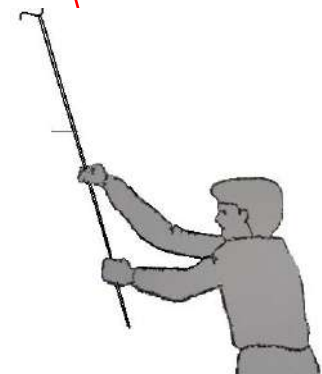


#35



#37

#38



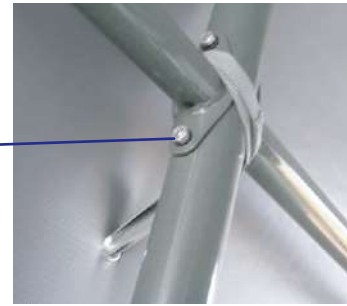
#16

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PS:Guy rope using instruction:

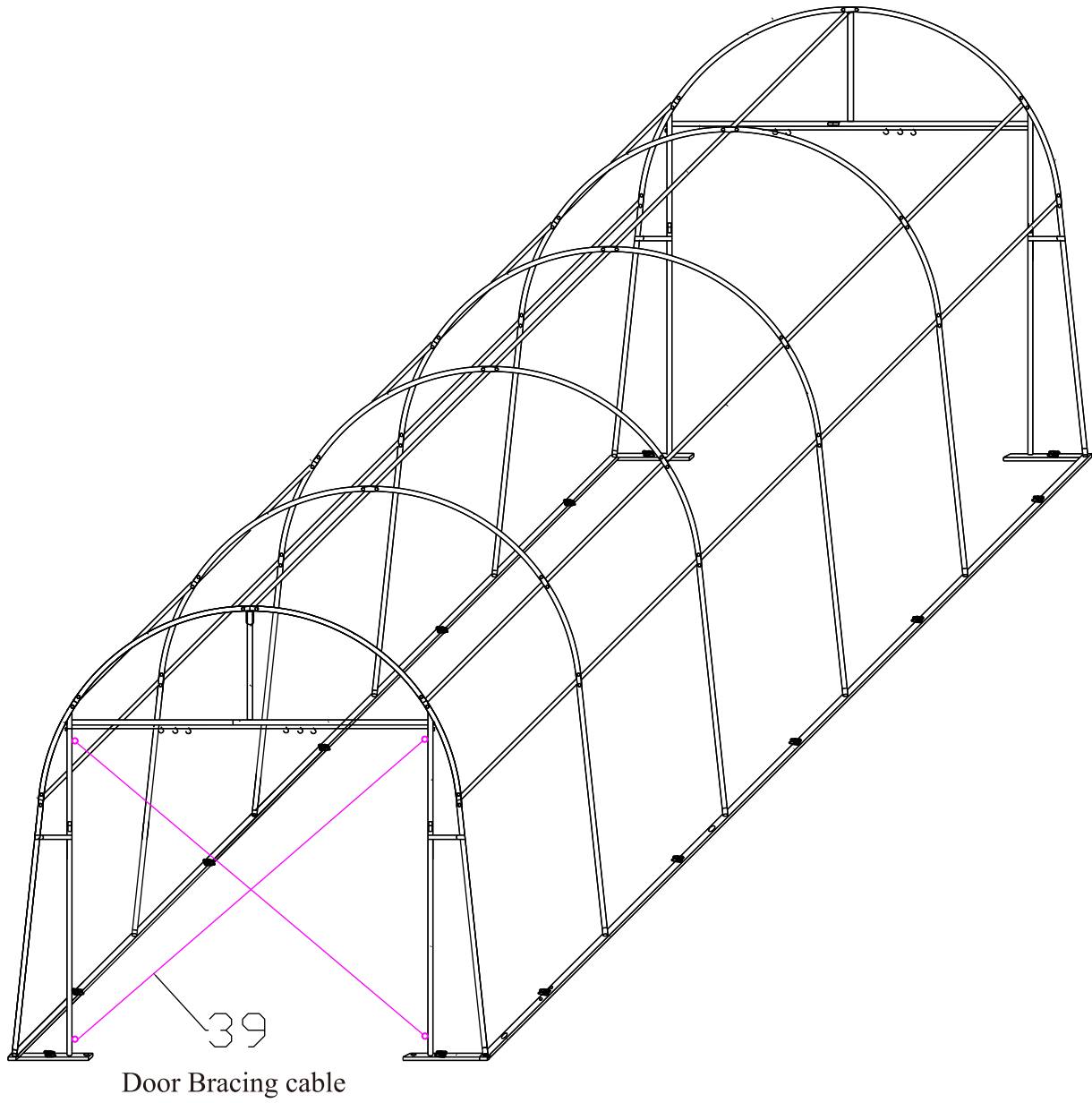


Inside view



Fix the item #A,#B,#C onto the sides of shelter as shown above,to tension the shelter and make the shelter stable.  
Cinch the rope to auger anchor as shown below,and fix the anchor into ground.





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(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.)

