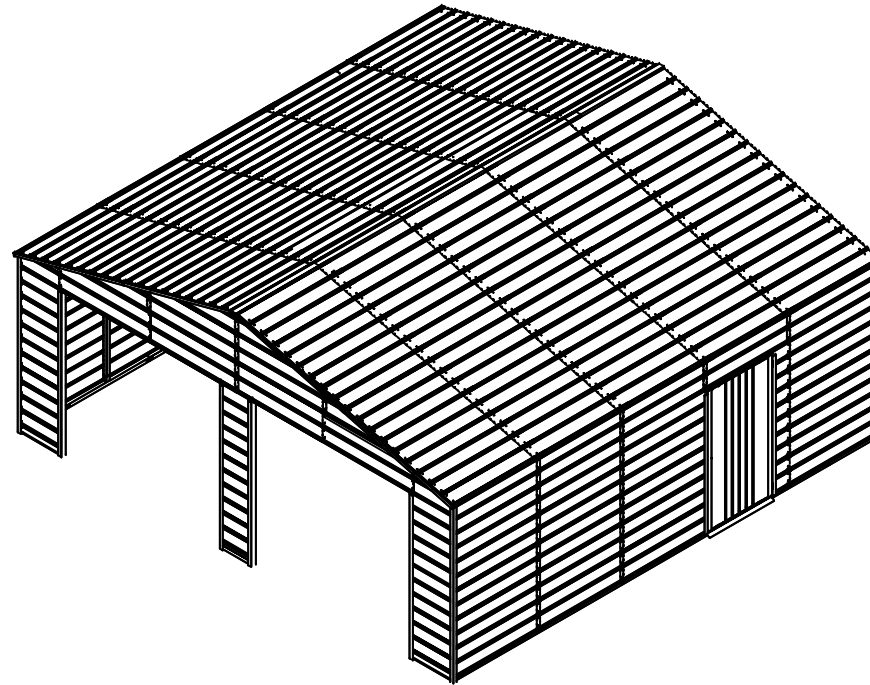


Double Garage

Instructions for Assembly



FG-M2223AT

Requires two people and takes 20-25 hour for Installation.

Quick & Easy Assembly

Ridge Reinforced Walls

Available in Various Sizes

BEFORE YOU START

Owner's Manual

Prior to installation, it is important that you contact your local government authority to determine if building approval is required. Study and understand this owner's manual. Important information and helpful tips will make your construction easier and more enjoyable.

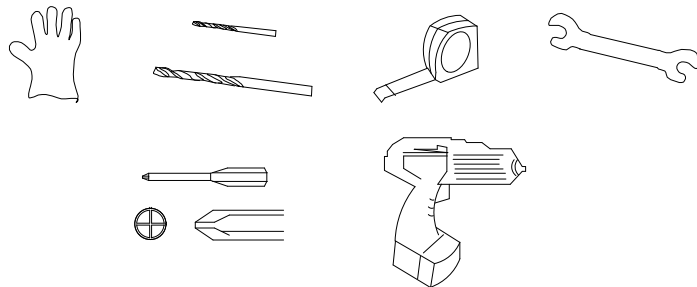
Assembly instructions

Instructions are supplied in this manual and contain all appropriate information for your building model. Review all instructions before you begin. During assembly, follow the step sequence carefully for correct results. Please be aware: **this unit takes two people about one full day to complete.**

Parts

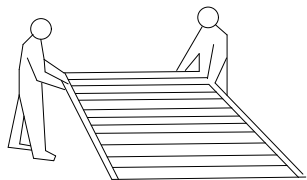
Check to be sure that you have all the necessary parts for the building. Separate contents of the carton by the part number while reviewing parts list. Familiarize yourself with the hardware and fasteners for easier use during construction. These are packaged within the carton. Note that extra fasteners have been supplied for your convenience.

TOOLS MAY REQUIRED



Use heavy duty gloves when handling steel sheets and flashing

PLAN AHEAD



It requires two people a full day to complete installation

Watch the weather:

Please be sure the day you select for installation is dry and calm.

DO NOT attempt to assemble your shed in windy weather because of risk of damage to panels, or personal injury. Be careful of wet or muddy ground.

Teamwork:

Whenever possible, two or more people should work together to assemble the building. One person can position parts or panels while the other is able to handle the fasteners and the tools.

PLAN AHEAD

Site Selection

- Avoid overhanging trees as much as possible as leaves will make regular cleaning necessary and broken branches are a potential hazard.
- Small trees, bushes or fences nearby can be helpful, acting as a wind break.

Site Preparation

The site must be prepared so that the base of the shed is level all round and checking with a spirit level is required.

The base can be constructed by treated timber or concrete, in order to stop the moisture getting into the shed. **The shed is not designed to be built onto lawn directly.** Also the ground will get muddy during rainy days.

If a concrete pad is made, it is important that this slopes towards the edges to prevent water ingress.

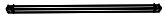
Time must be allowed for any concrete or cement to dry before building the shed on top.

Bases can also be constructed from bricks, blocks, or mounted on a concrete pad.

The bricks or blocks should be cemented onto firm and level concrete footings and the greenhouse frame drilled and screwed to the base.

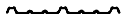
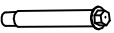
IMPORTANT NOTES:

- Find someone to help you: it is much easier with someone to hold parts, pass tools etc. Also some steps require two people to lift structures together. This is not very heavy work so would suit most able-bodied people.
- Allow plenty of time: rushing often causes errors and the re-doing of incorrect assemblies. If you have never built a shed before, it can take most of a day to carefully complete the construction.
- Have the right tools to hand.
- Safety clothing as recommended in the 'Tools' section.
- Ideally lay out the parts and check that all are present before commencing construction. Lay on cloths or plastic sheets if there is any risk of scratching the parts.
- Tighten all nuts carefully, being sure not to miss any. Check the frame is square and using a spirit level to check that it is upright.

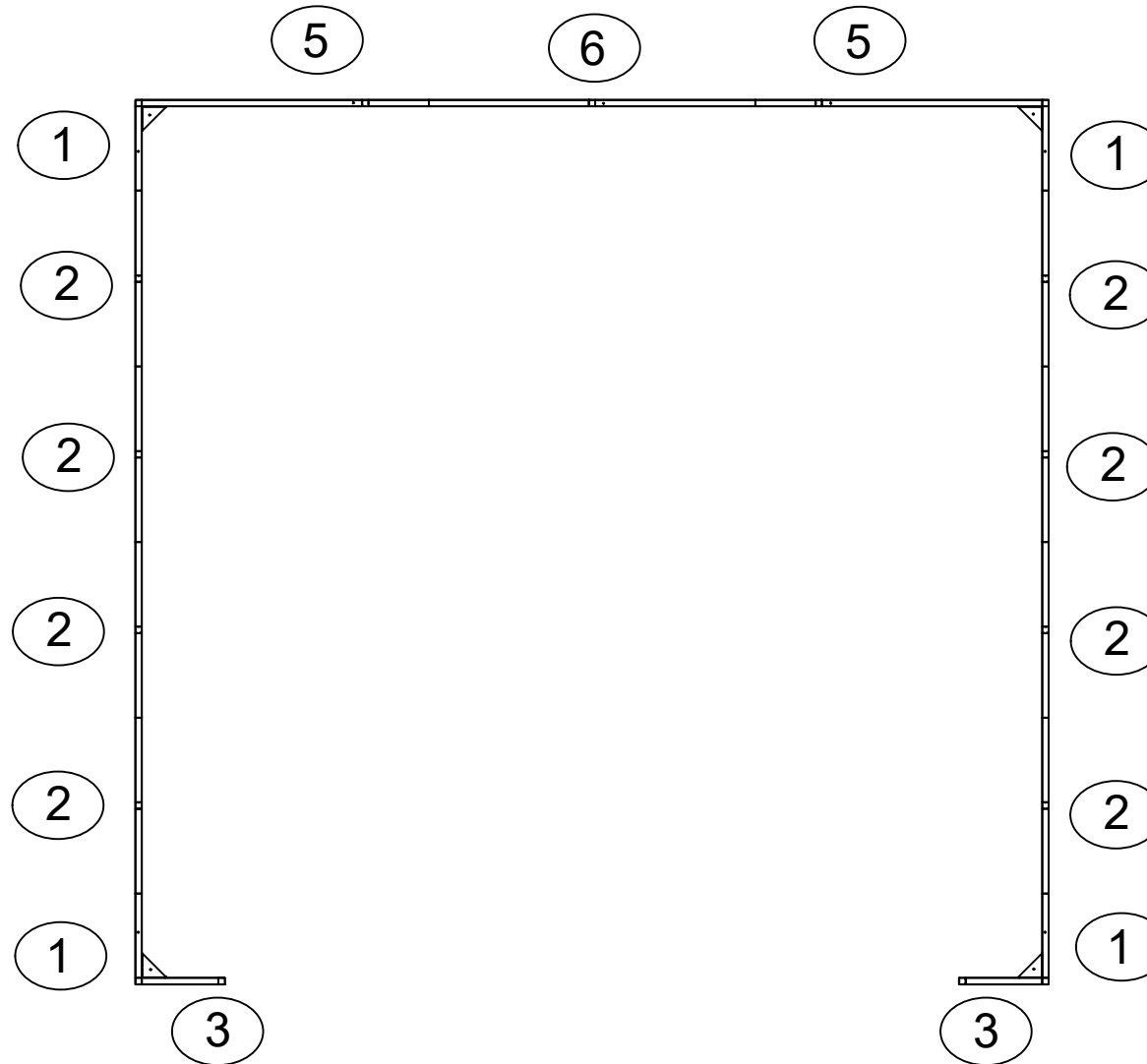
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1		4
2		8
3		2
4		12
5		2
6		1
7		7
8		8
9		4
10		2
11		1
12		2
13		8
14		8
15		2
16		2
17		8
18		10
19		2
20		1
21		6
22		2

NO.	PART	Qty.
A1		8
A2		8
A3		16
A4		10
A5		12
A6		12
A7		6
B1		8
B2		4
B3		1
B4		1
B5		2
B6		4
C1		1
C2		1
C3		1
C4		1
C5		1
C6		1
D1		1
D2		1
D3		2
D4		2

NO.	PART	Qty.
D5		5
D6		10
D7		4
D8L		2
D8R		2
H		4
DML		2
DMR		2
P1	 1478mm	90
P2	 1366mm	50
P3	 1610mm	5
P4	 672mm	10
P4-1	 672mm	2
P4-2	 672mm	1
P4-3	 672mm	1
P5	 500mm	7
P5-1	 500mm	1
P5-2	 500mm	1
P6	 1327mm	4
P6-1	 1327mm	1
P6-2	 1327mm	1
P6-3	 1327mm	1
P6-4	 1272mm	1

NO.	PART	Qty.
P6-5	 1272mm	1
P6-6	 1328mm	1
P7	 1748.5mm	26
P7-1	 1748.5mm	1
P7-2	 1748.5mm	1
P8-1	 2550mm	1
P8-2	 2550mm	1
P9	 1800mm	1
F1		80
F2		120
F4		16
ST4		50
ST5		1550
B		
DG		2
G7		1
G8		1
G6		2
F5		14
F3		5

1: Foundation installation





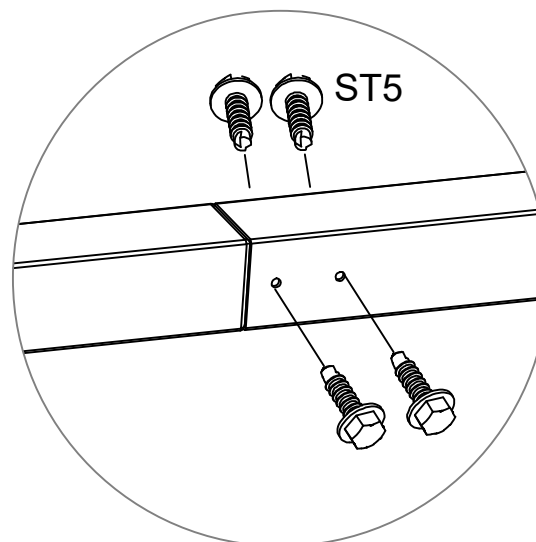
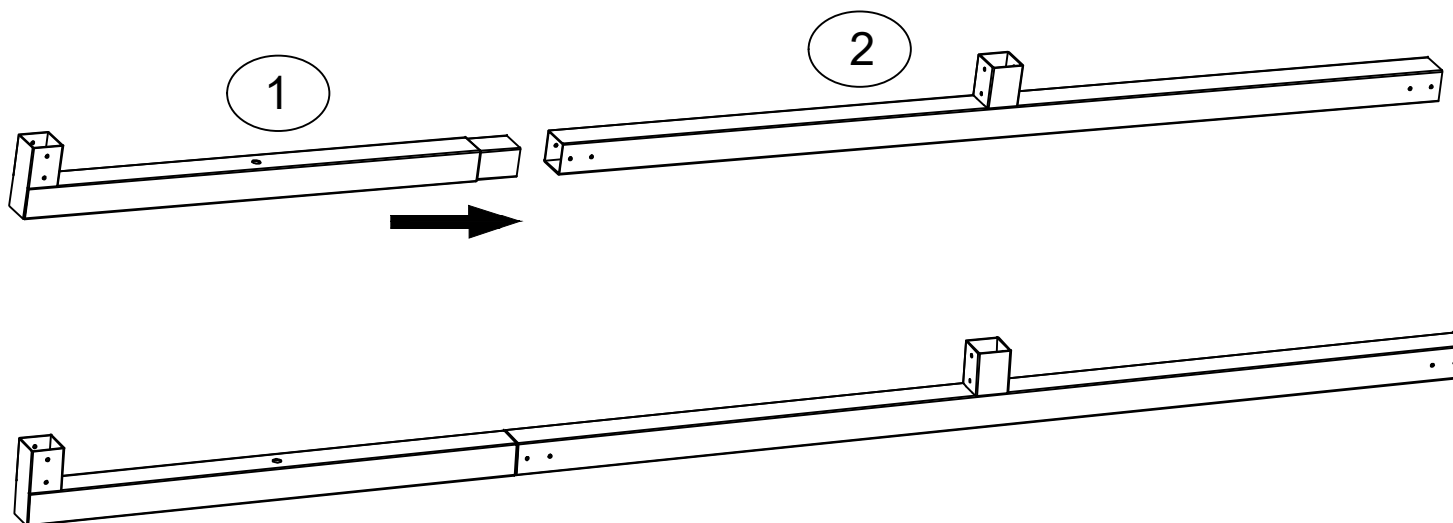
1 X4



2 X4



ST5 X16



X4



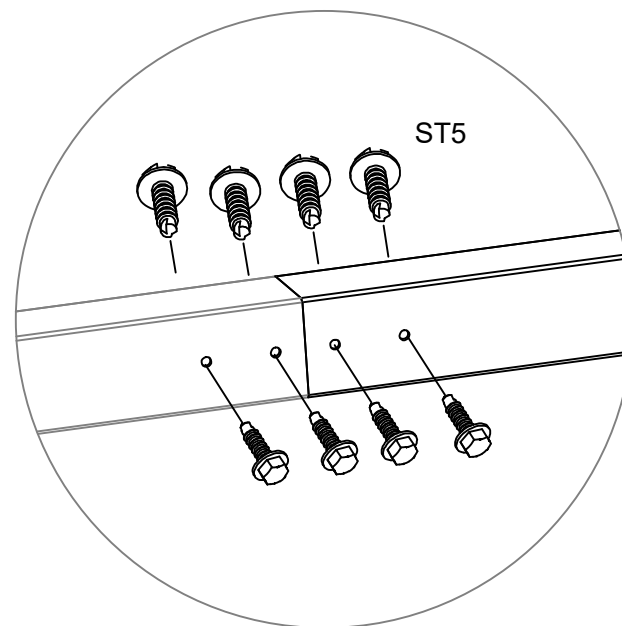
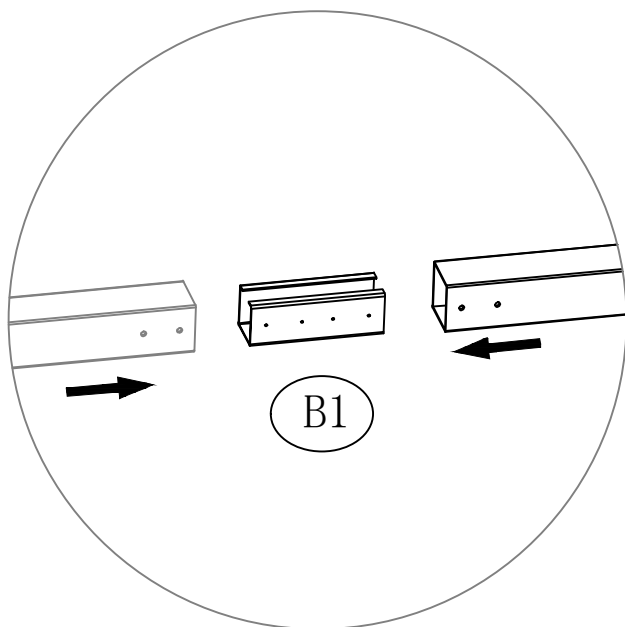
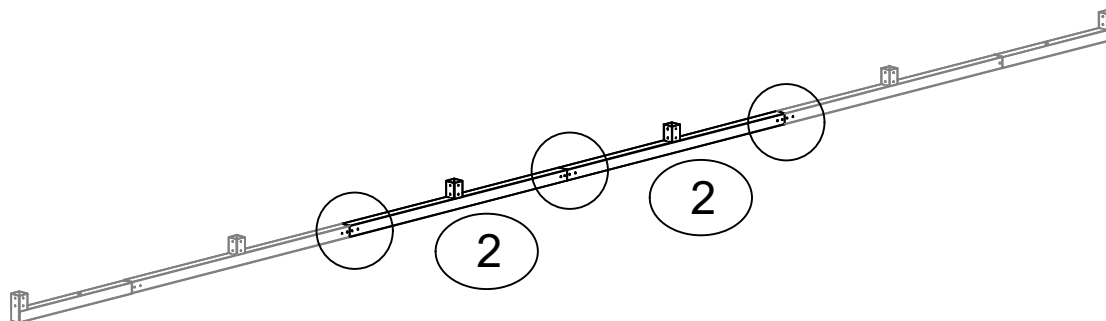
2 X4



B1 X6



ST5 X48



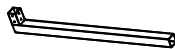
X2



[5] X2



[6] X1



[3] X2



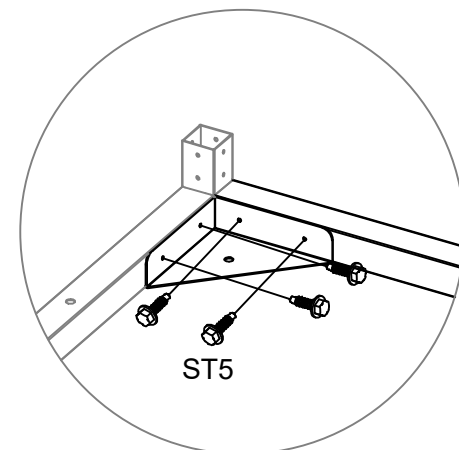
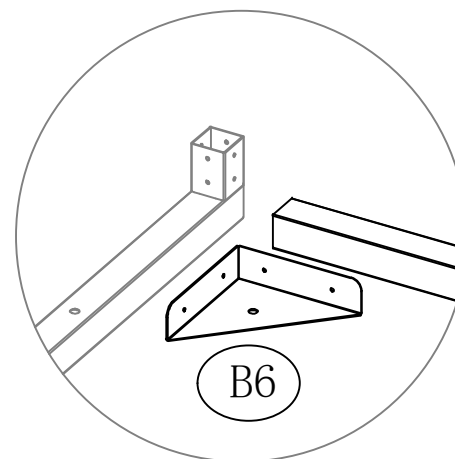
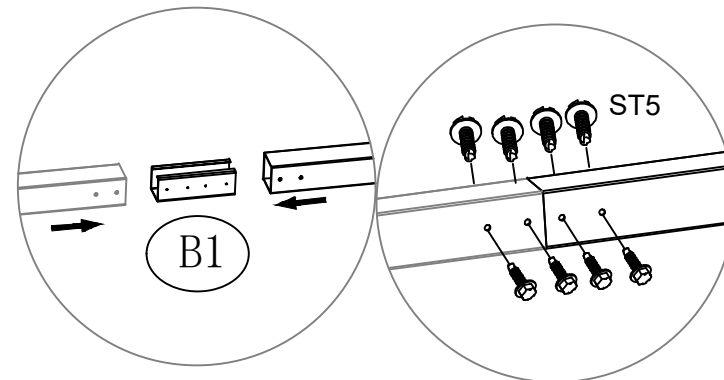
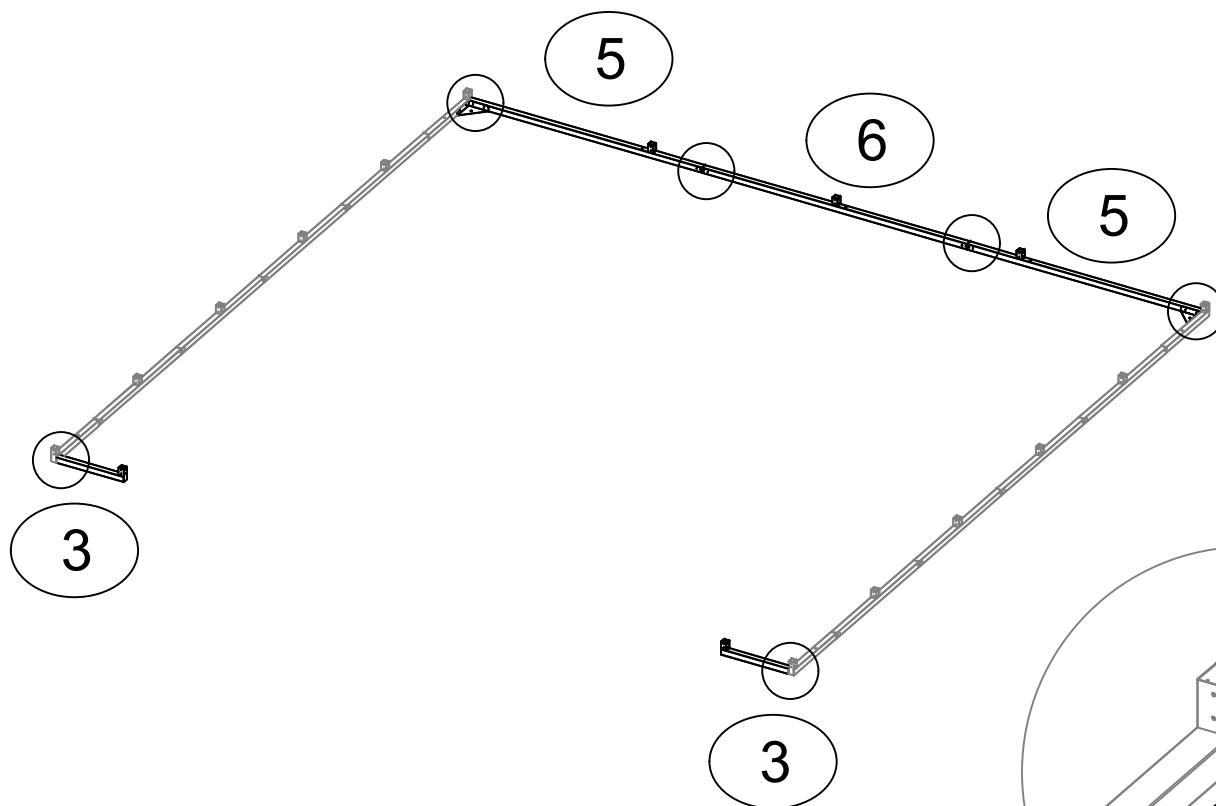
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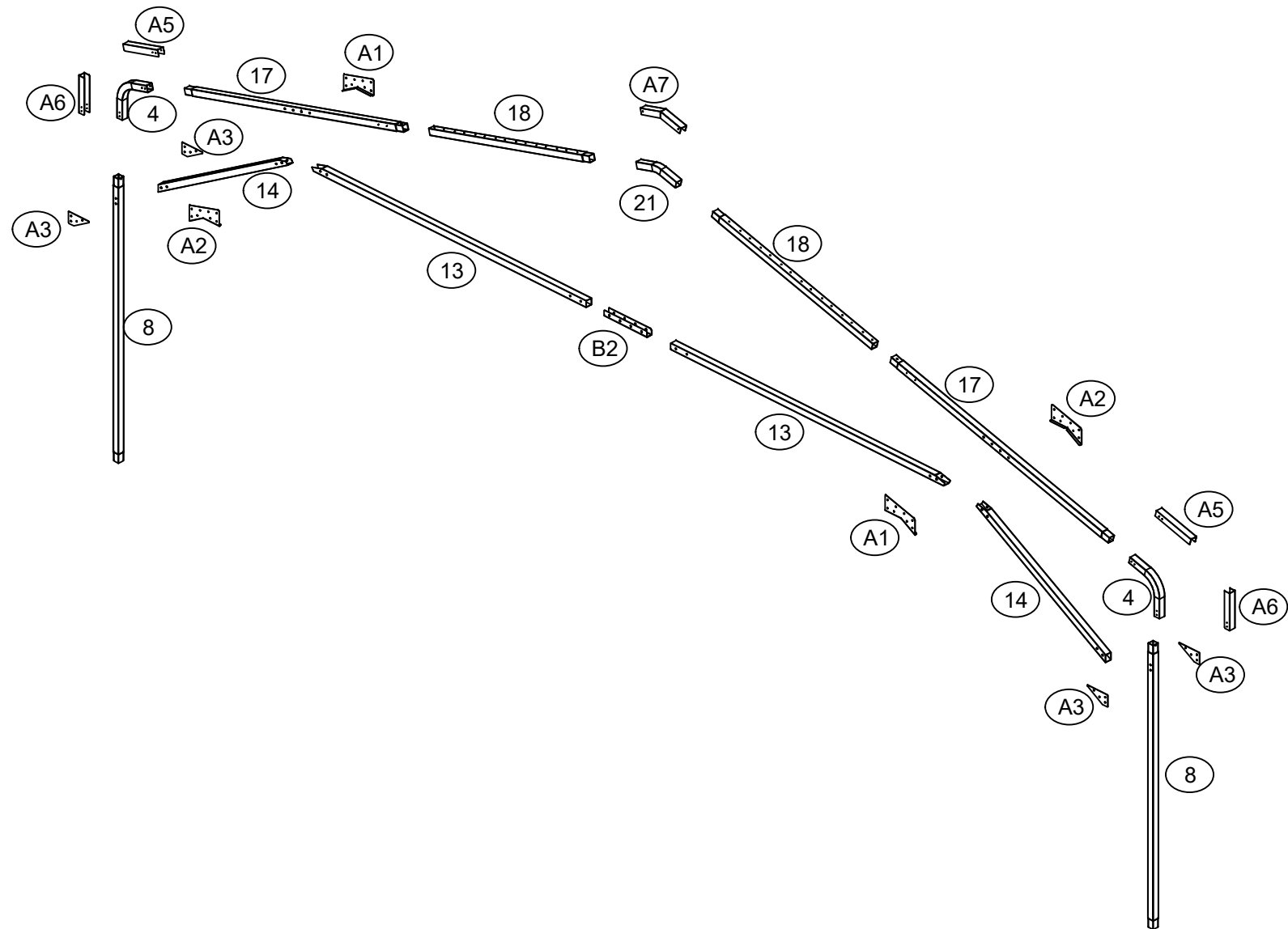
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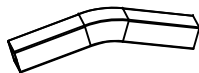


[ST5] X32



2: Installation of main framework





21 X4



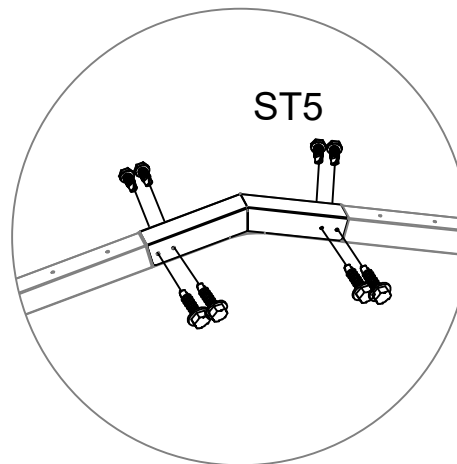
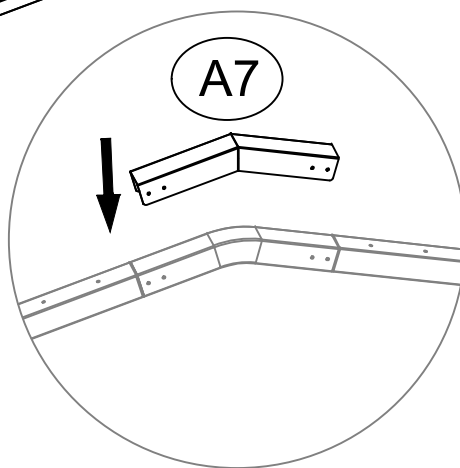
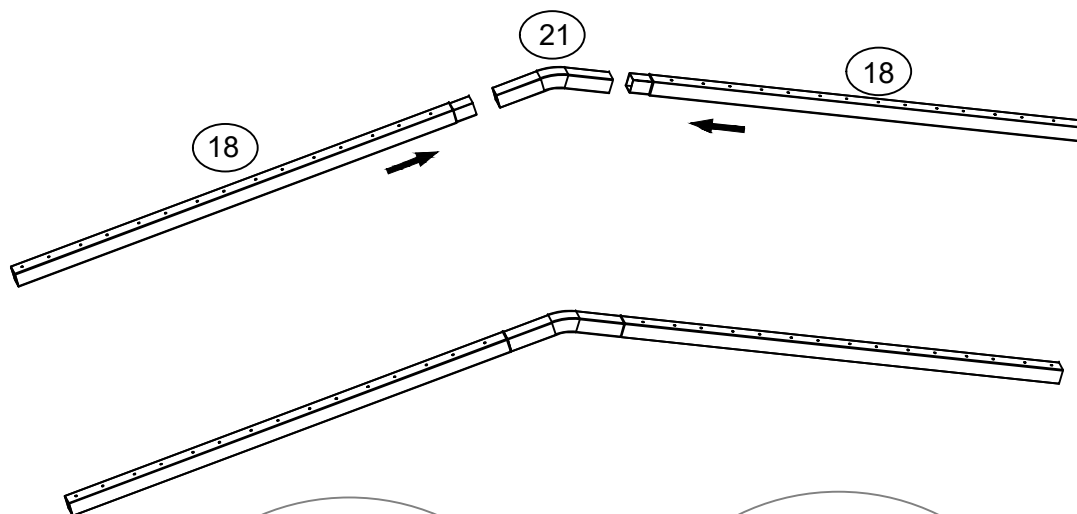
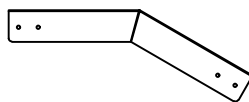
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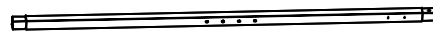
A7 X4



ST5 X32



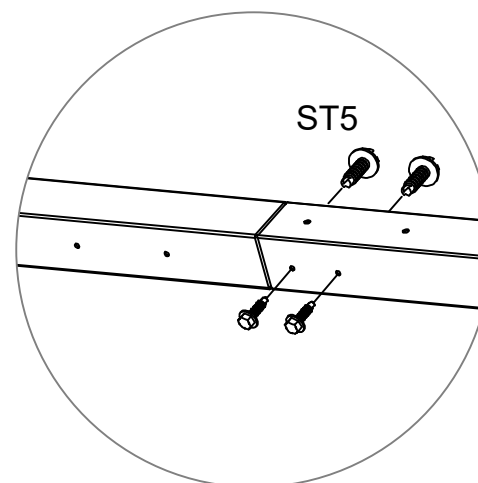
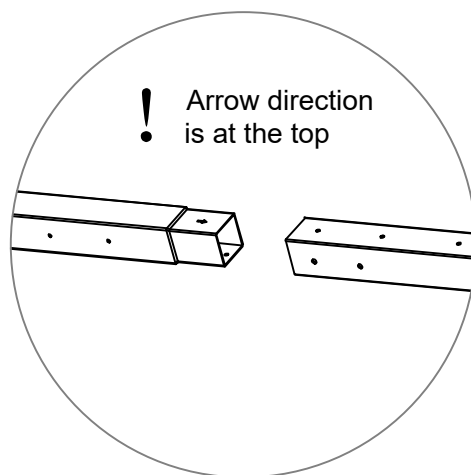
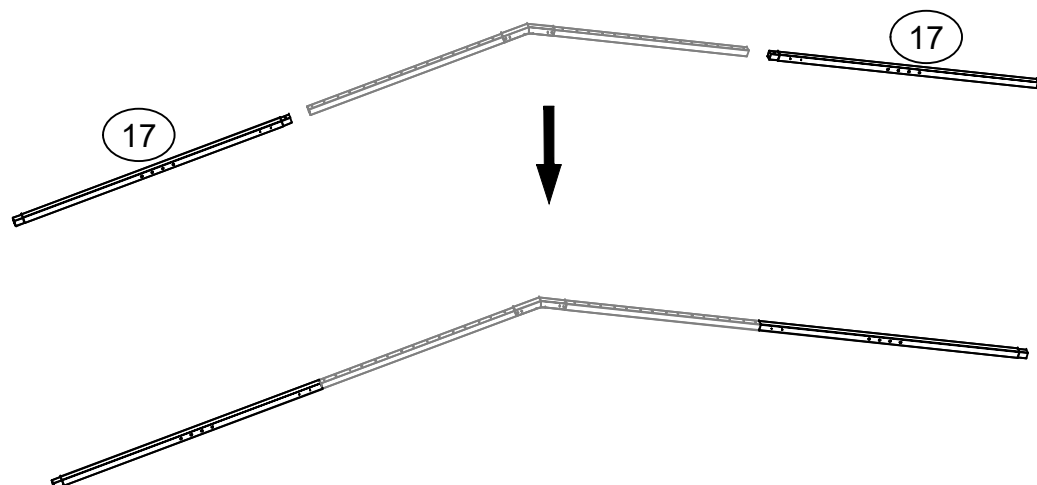
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17 X8



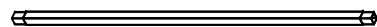
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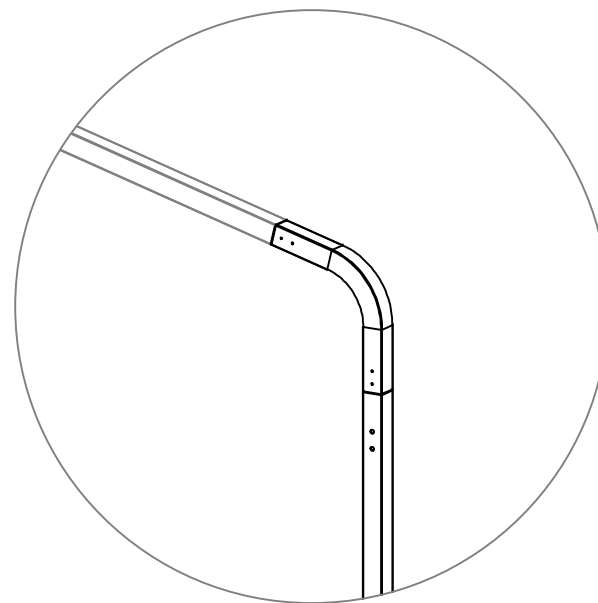
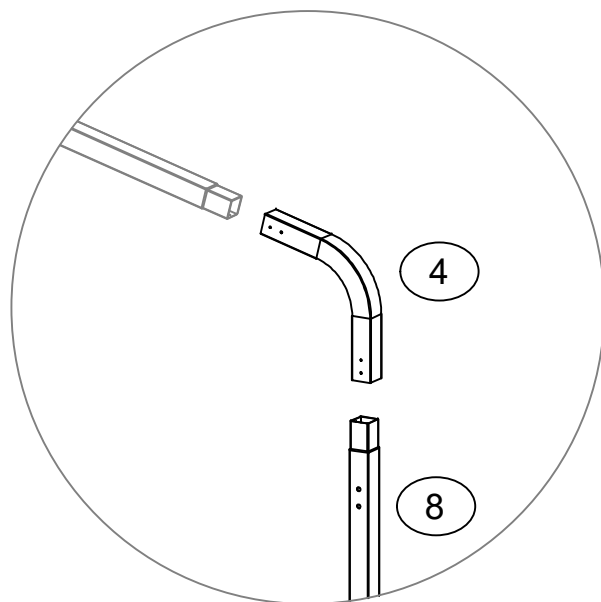
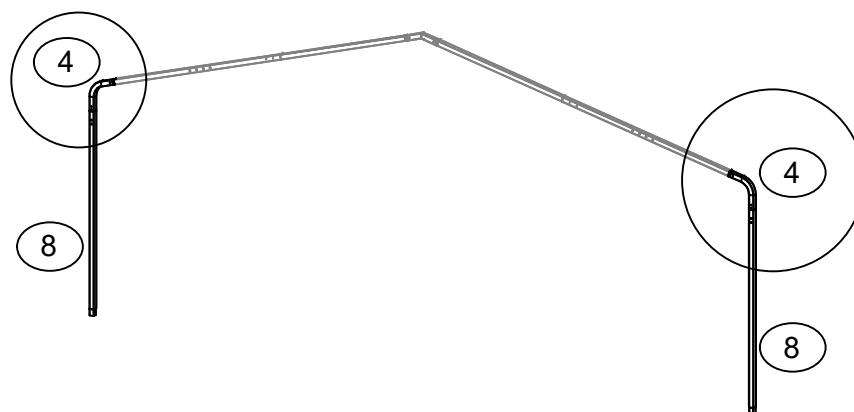
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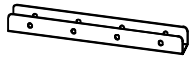
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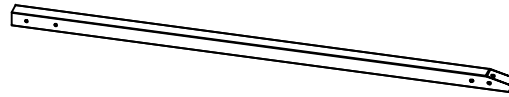
8 X8



X4



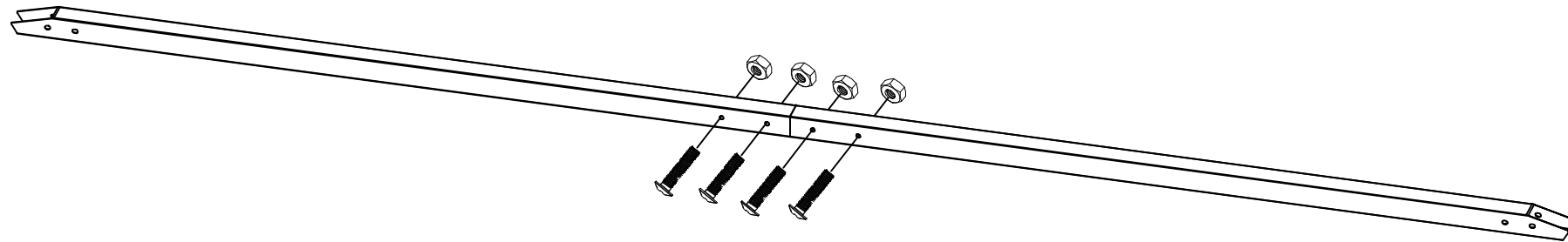
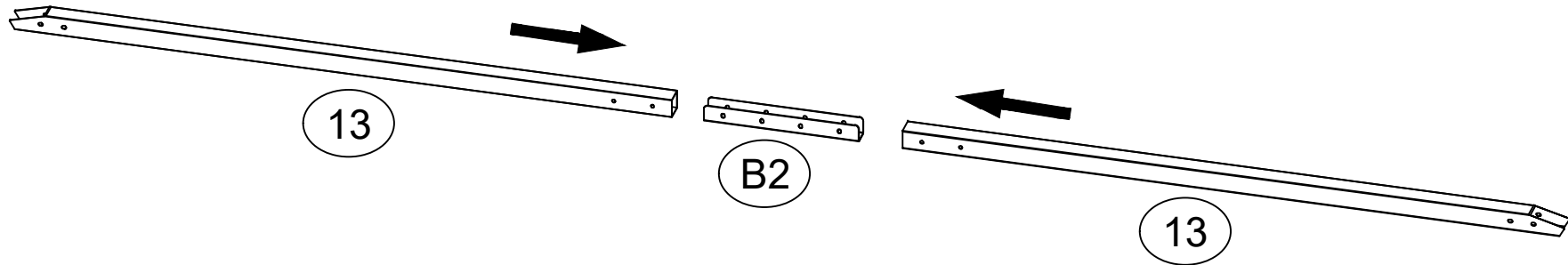
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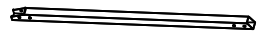
13 X8



F2 X16



X4



14 X8



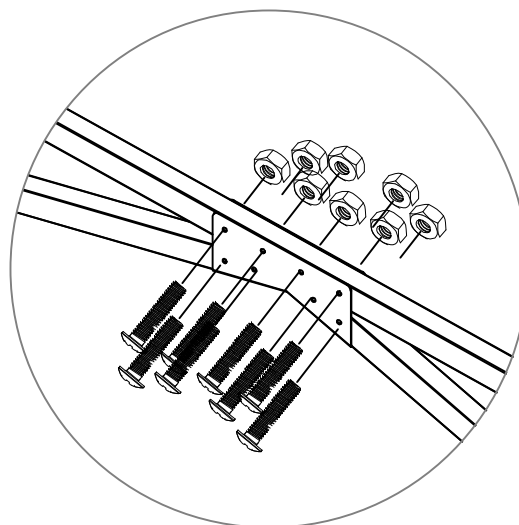
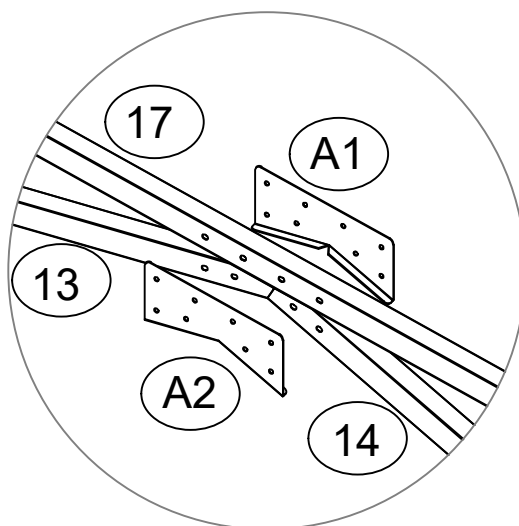
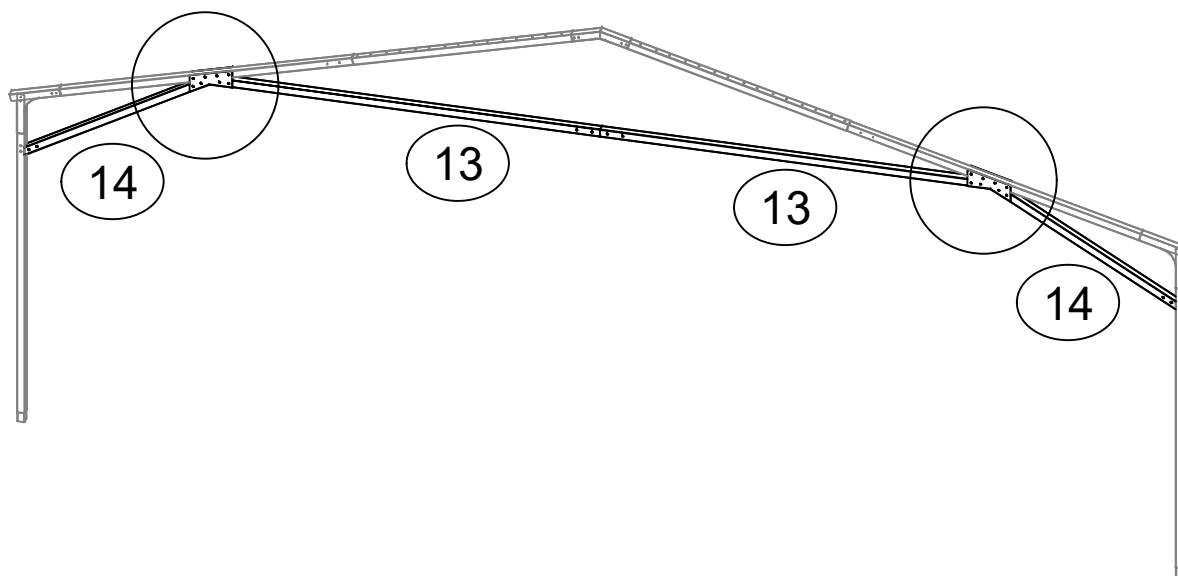
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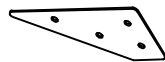
A1 X8



F2 X64



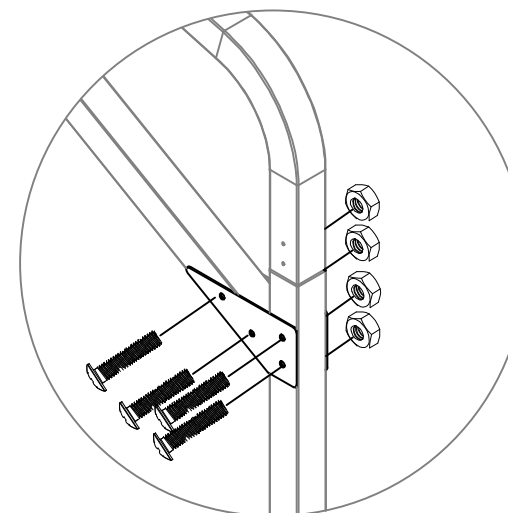
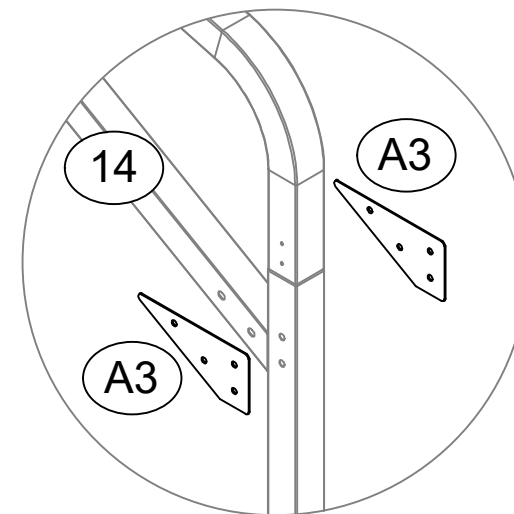
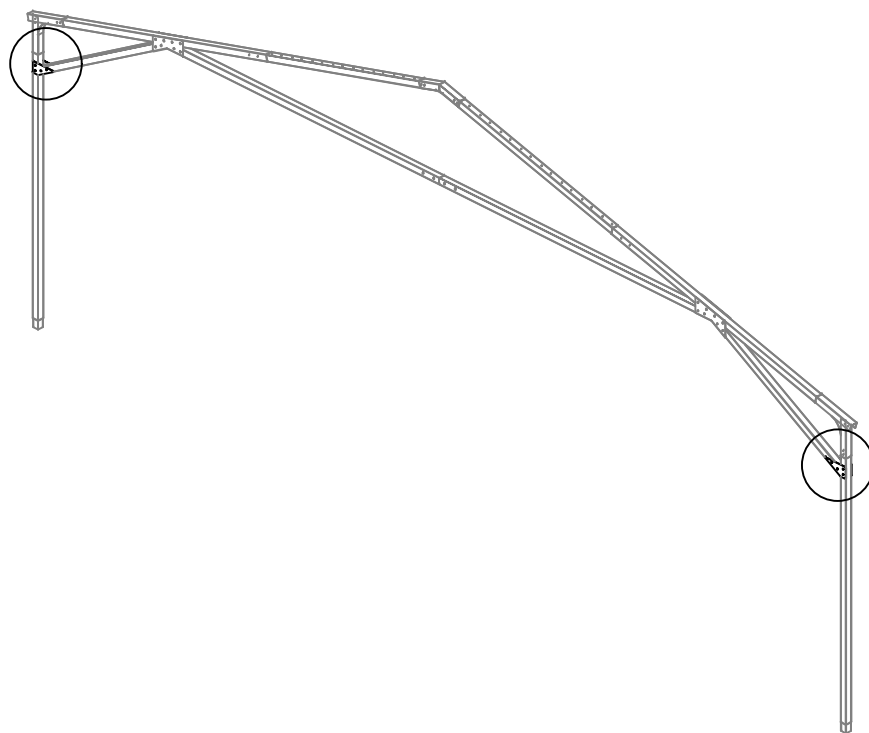
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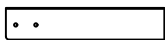
A3 X16



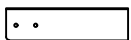
F2 X32



X4



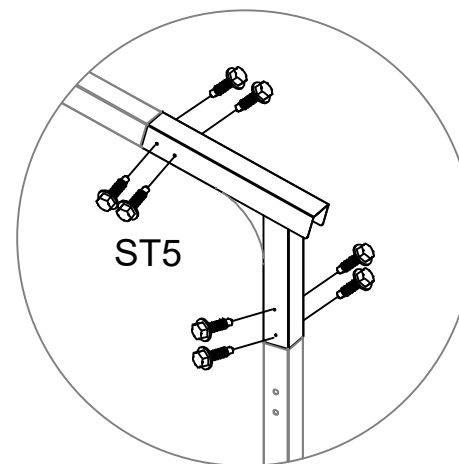
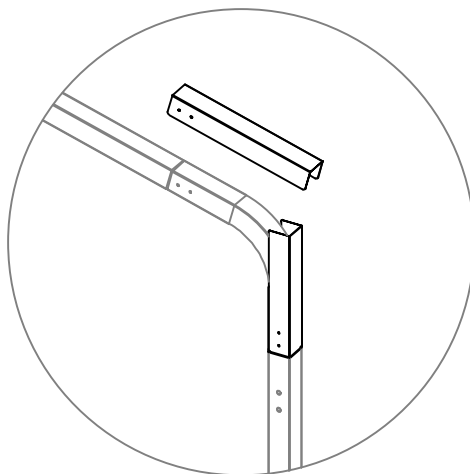
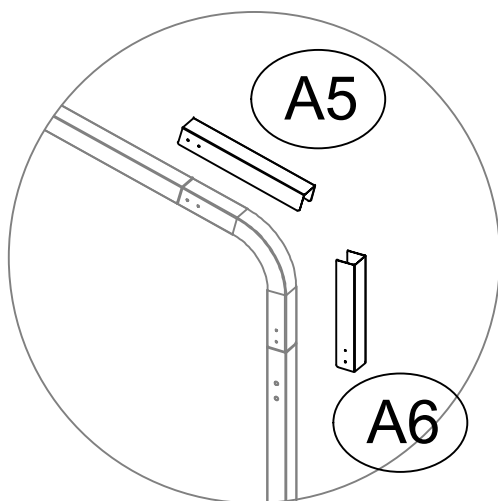
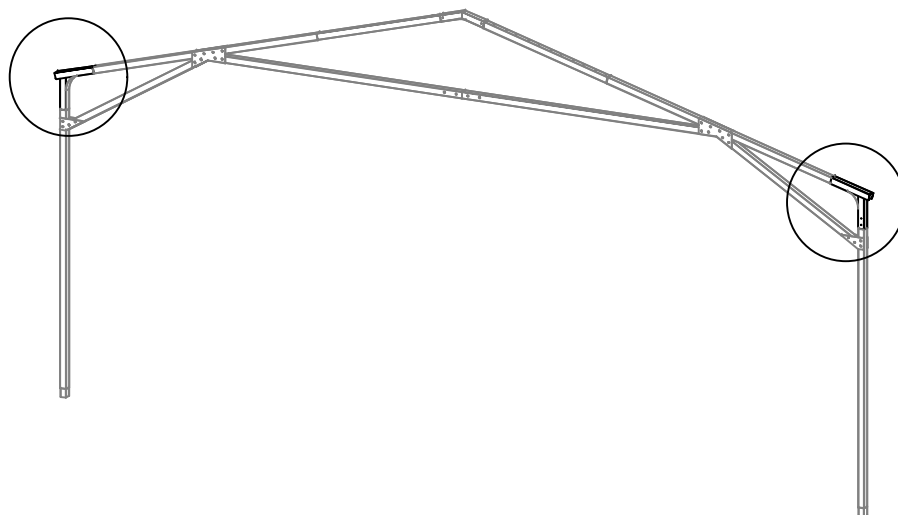
A5 X8



A6 X8



ST5 X64



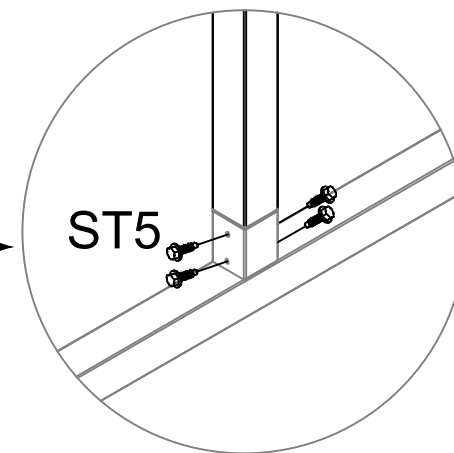
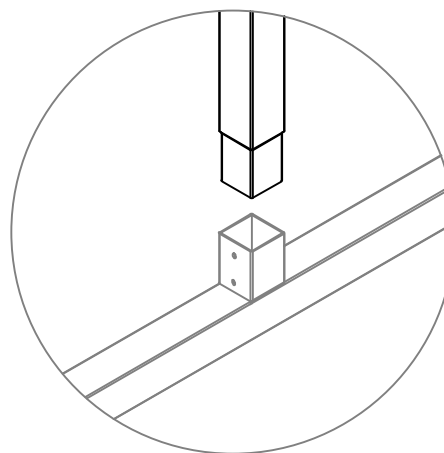
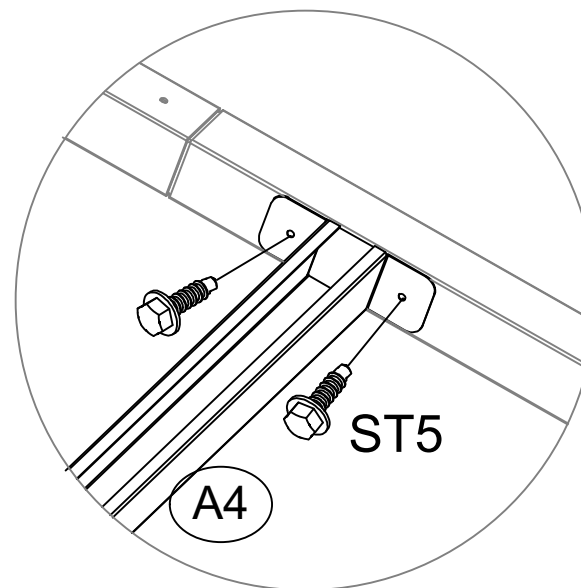
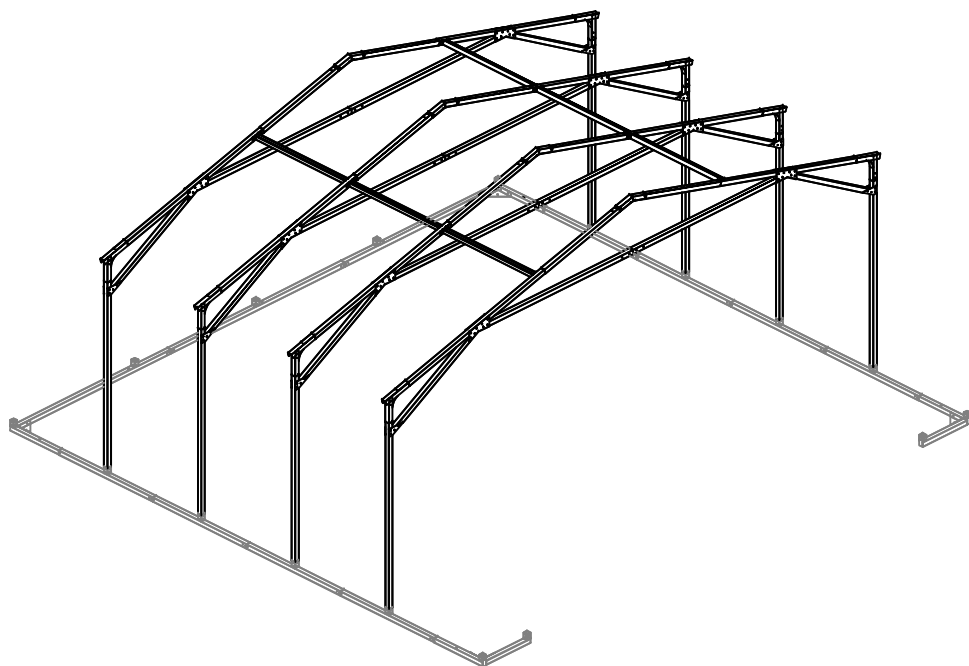
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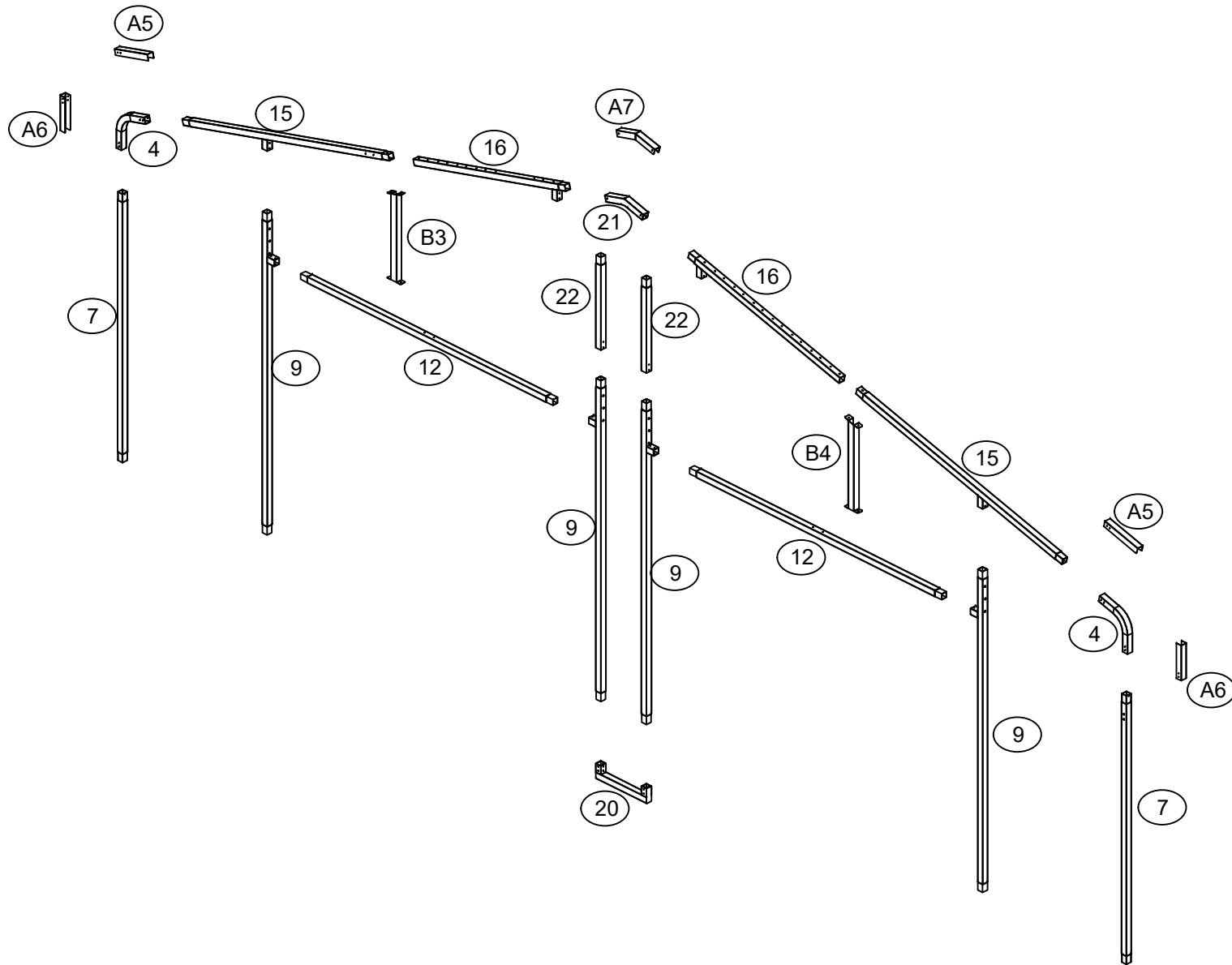
A4 X6

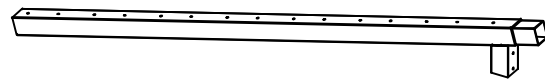


ST5 X56

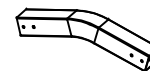


3: Front frame installation

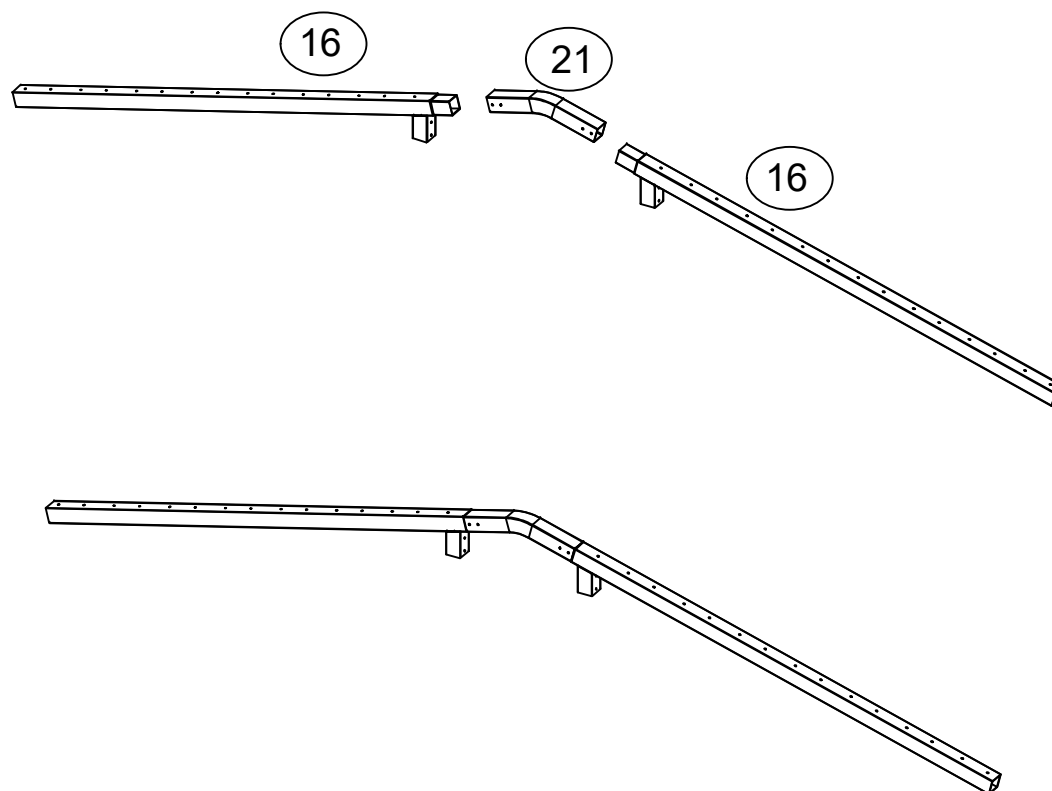




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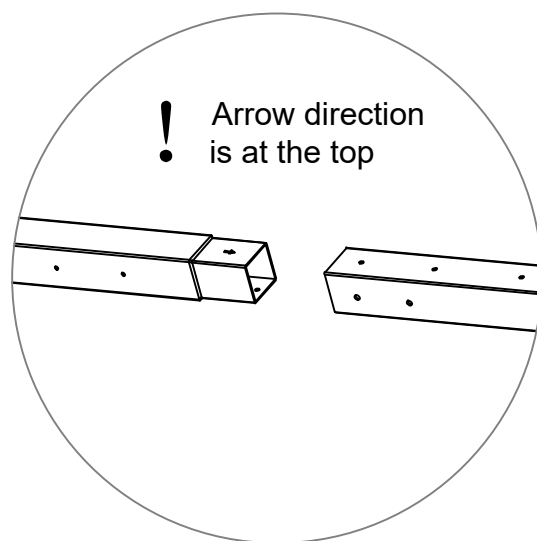
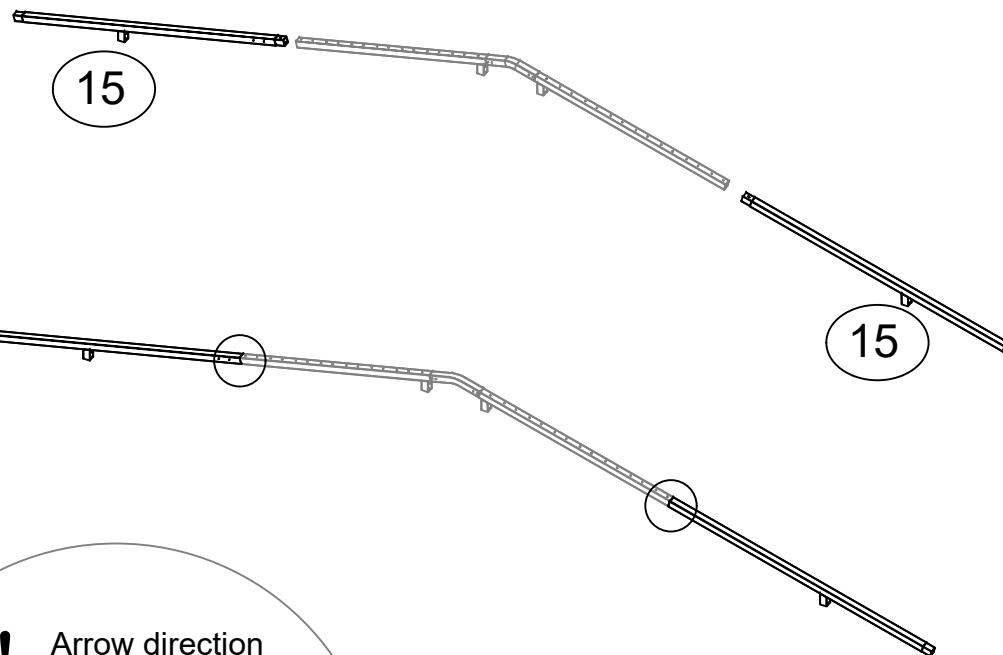


21 X1



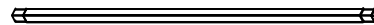


15 X2

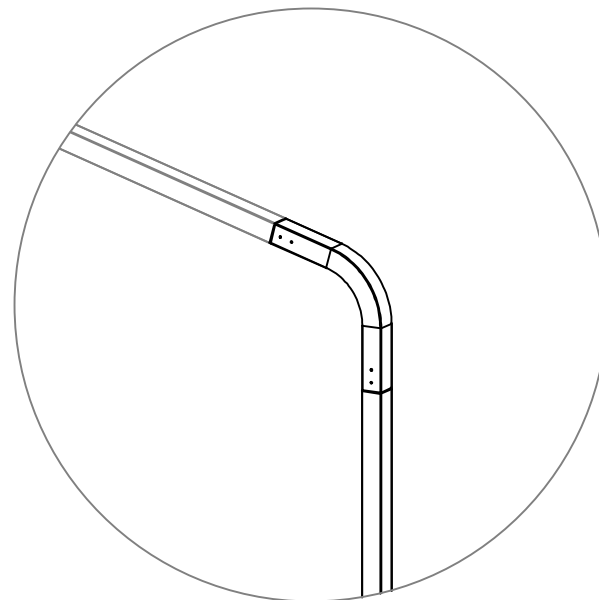
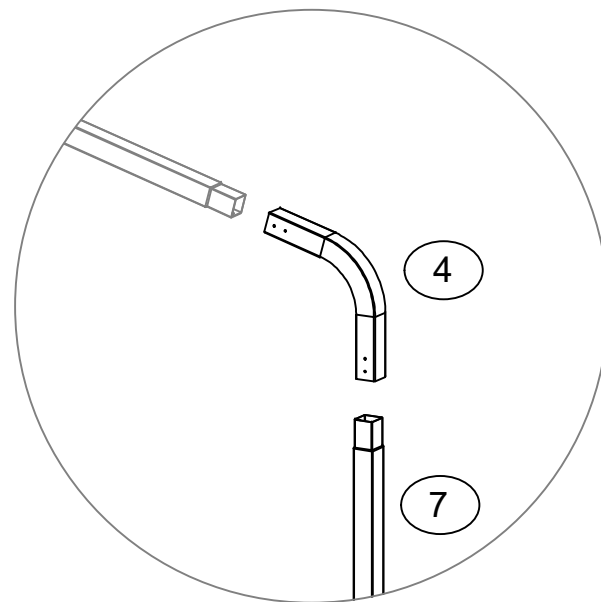
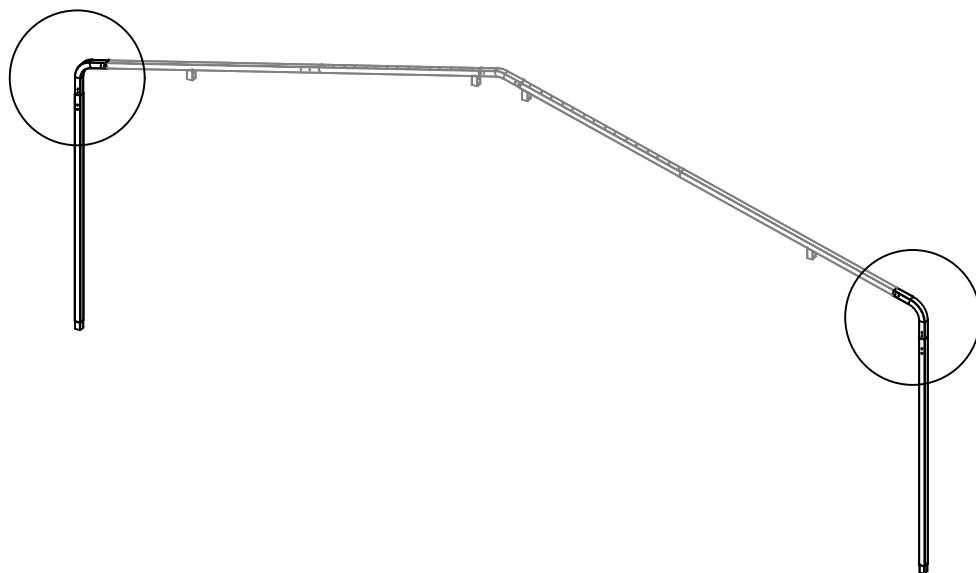


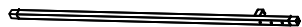


4 X2



7 X2





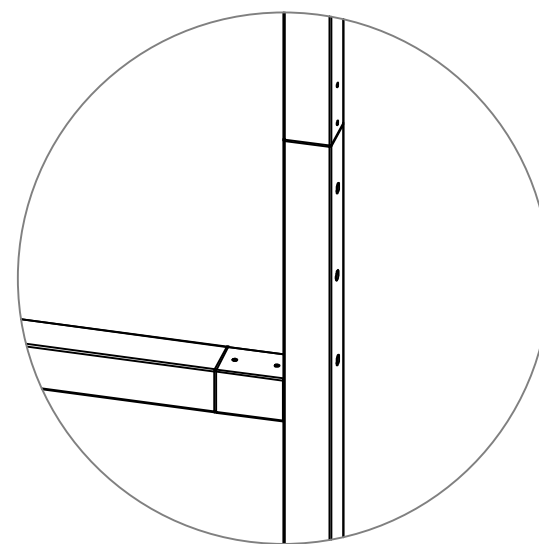
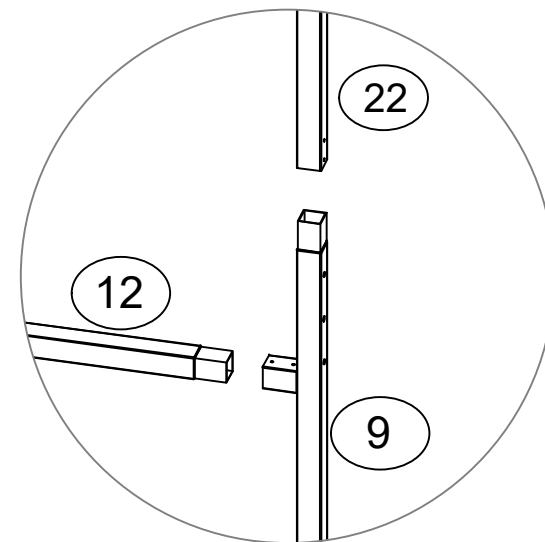
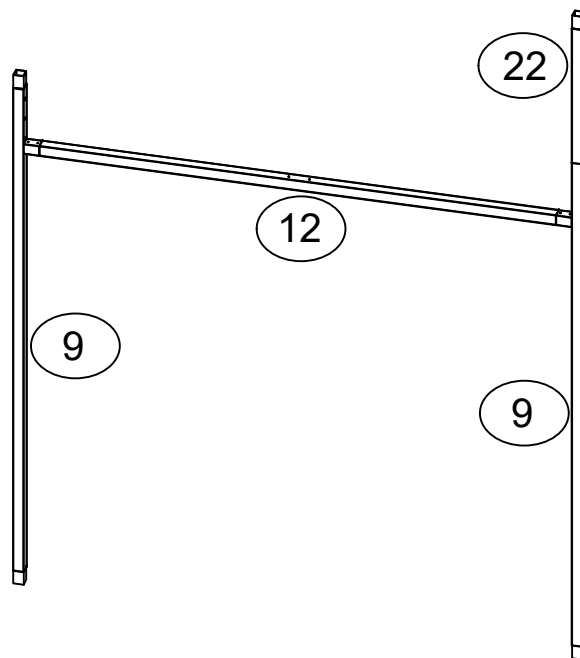
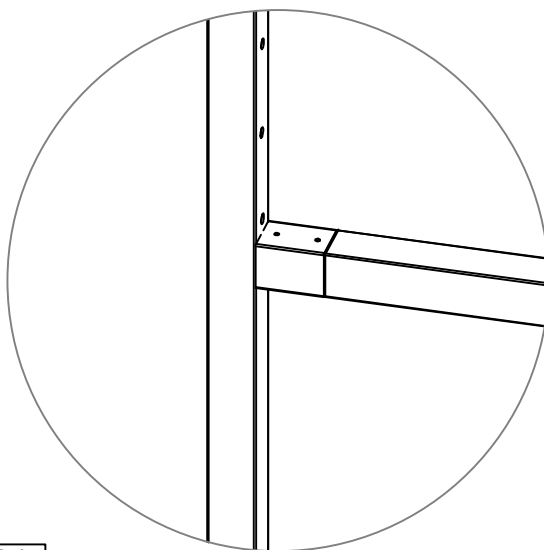
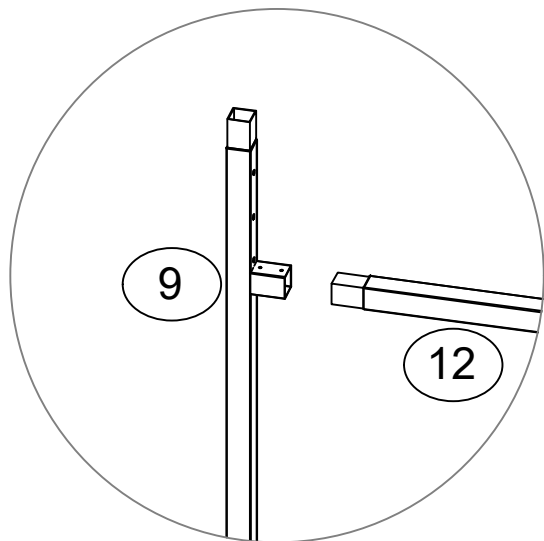
9 X4



12 X2



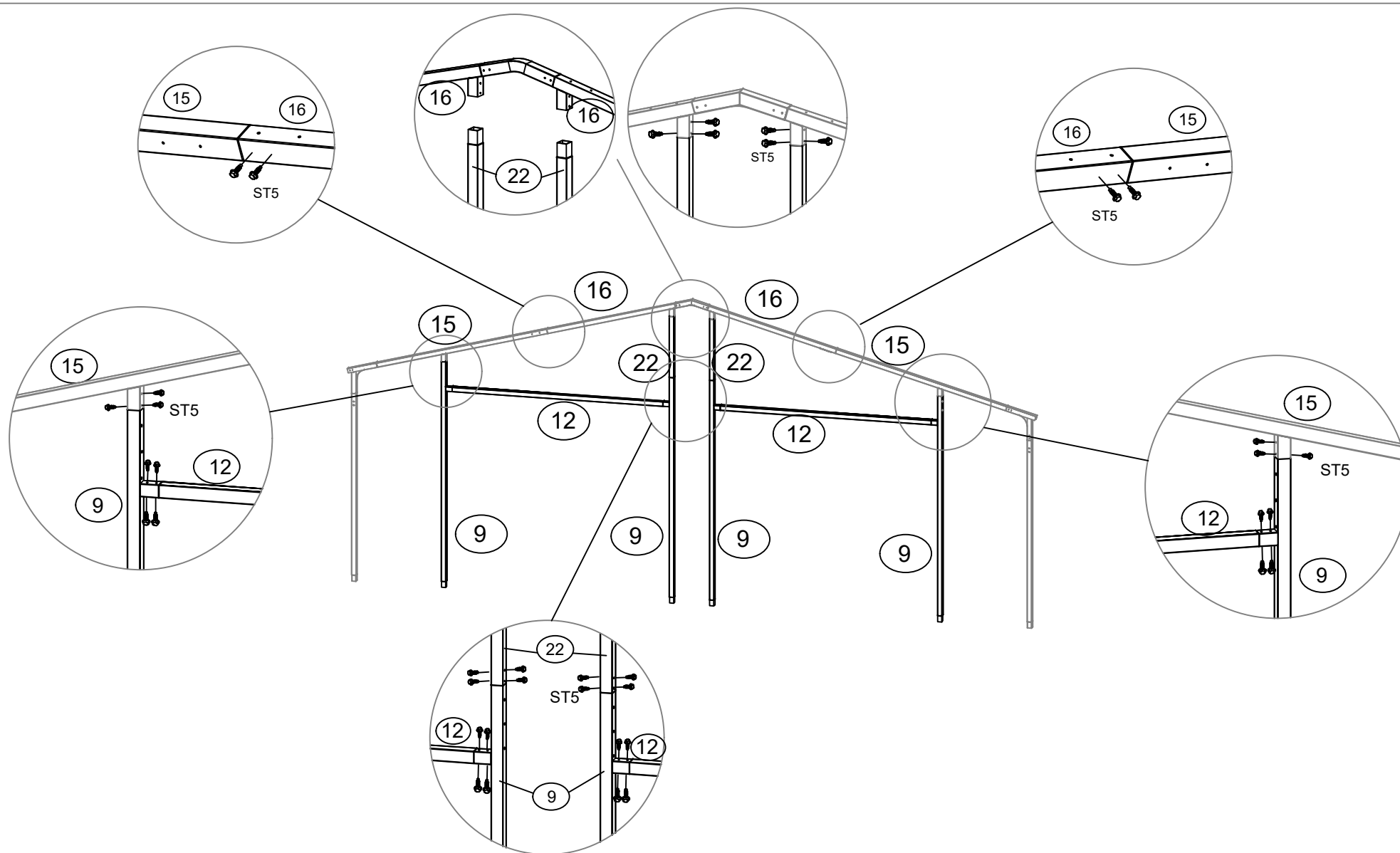
22 X2



X2



ST5 X40

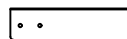




A7 X1



A5 X2

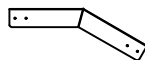


A6 X2

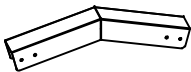


ST5 X12

A7



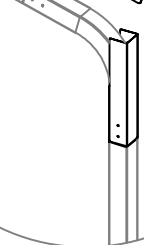
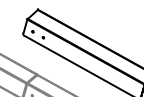
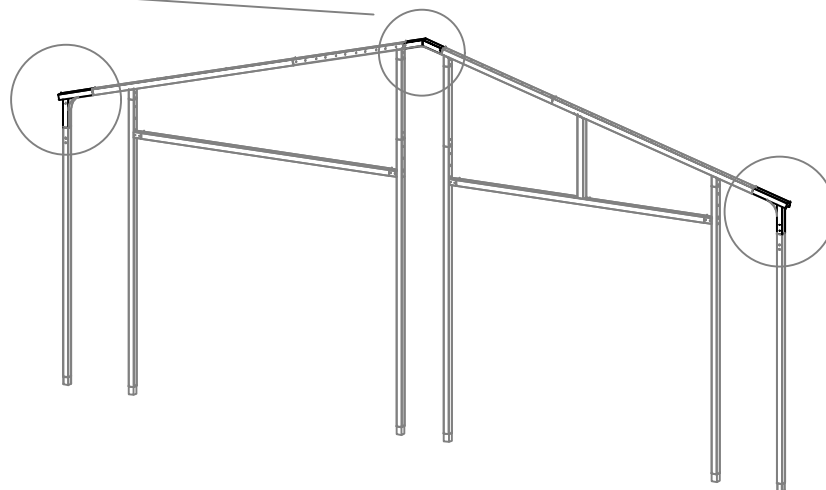
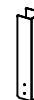
A7



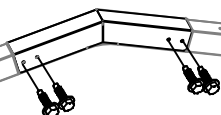
A5



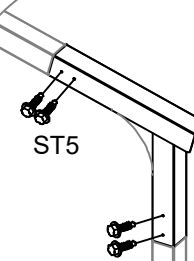
A6



ST5



ST5

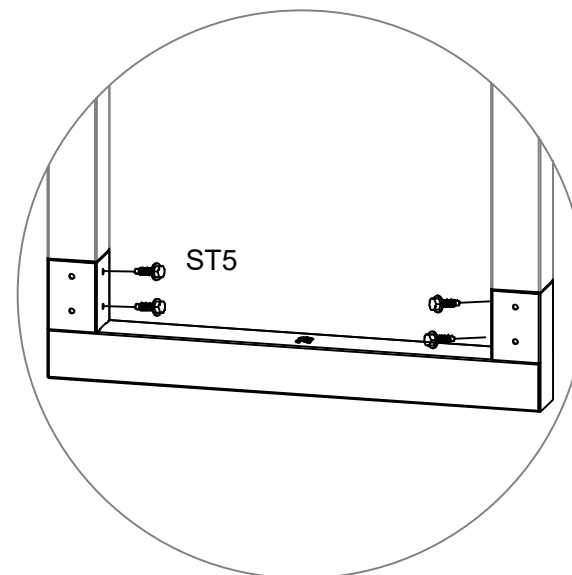
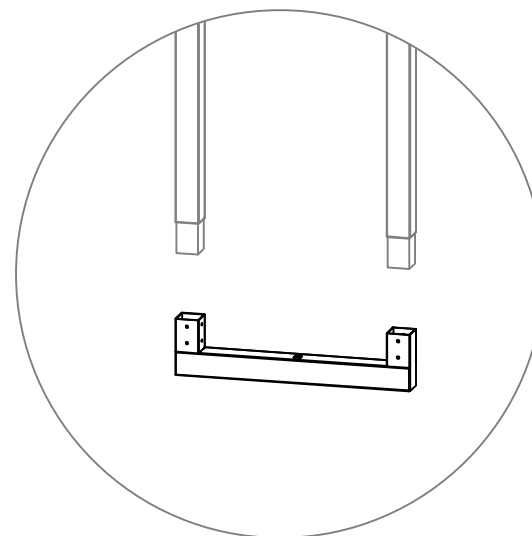
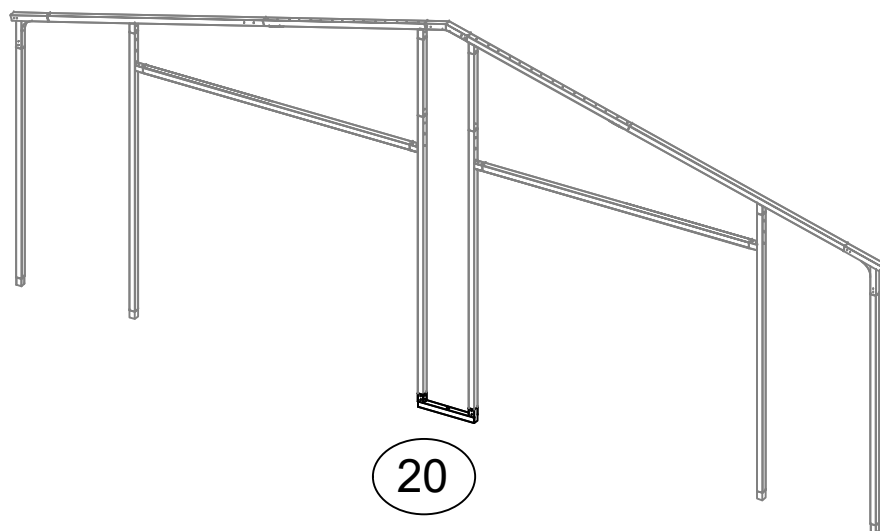


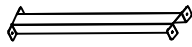


20 X1

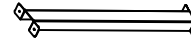


ST5 X4





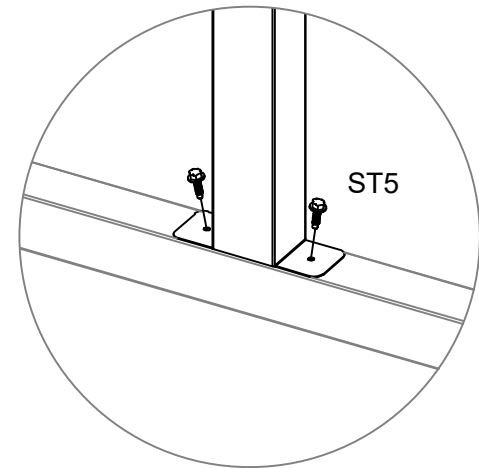
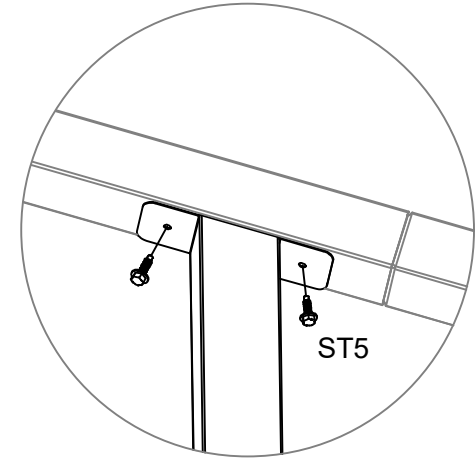
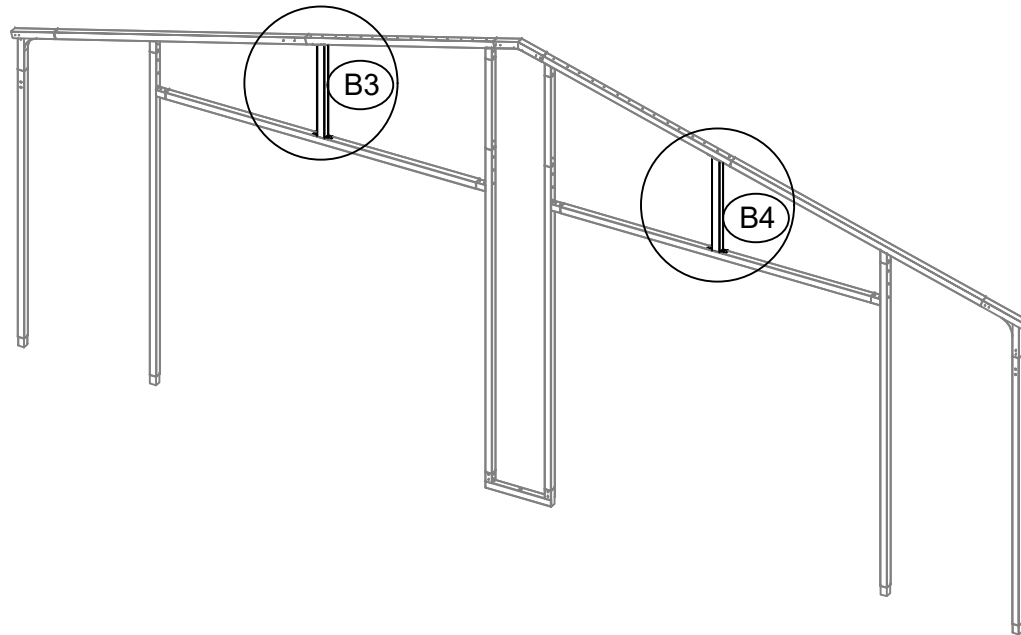
B3 X1



B4 X1



ST5 X8

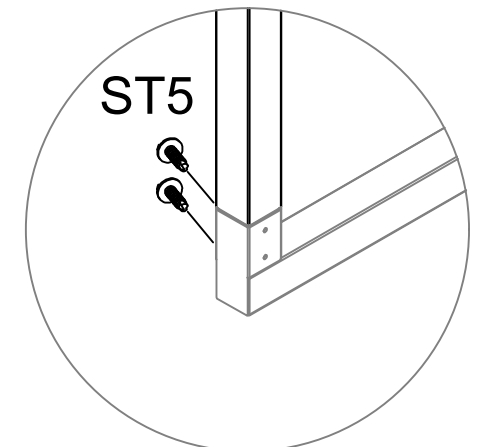
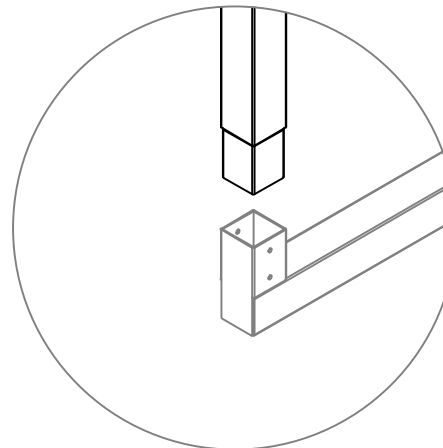
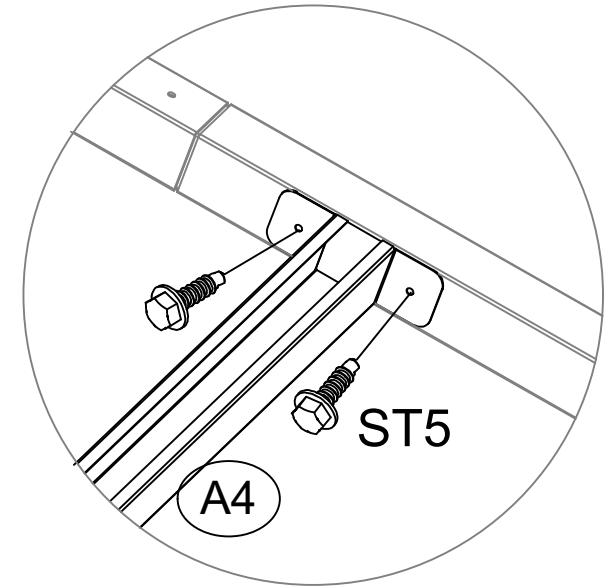
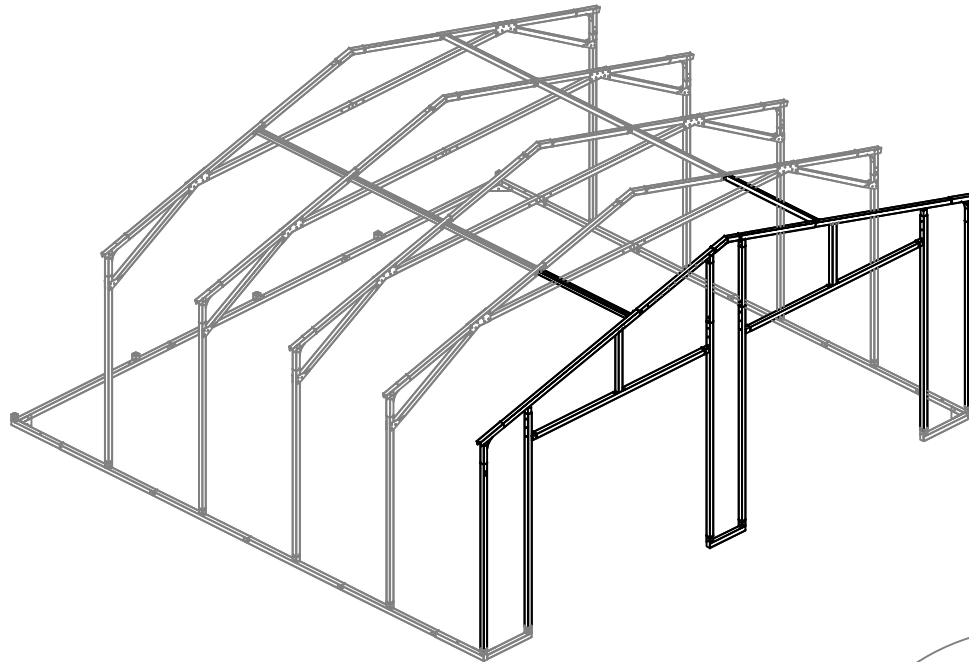




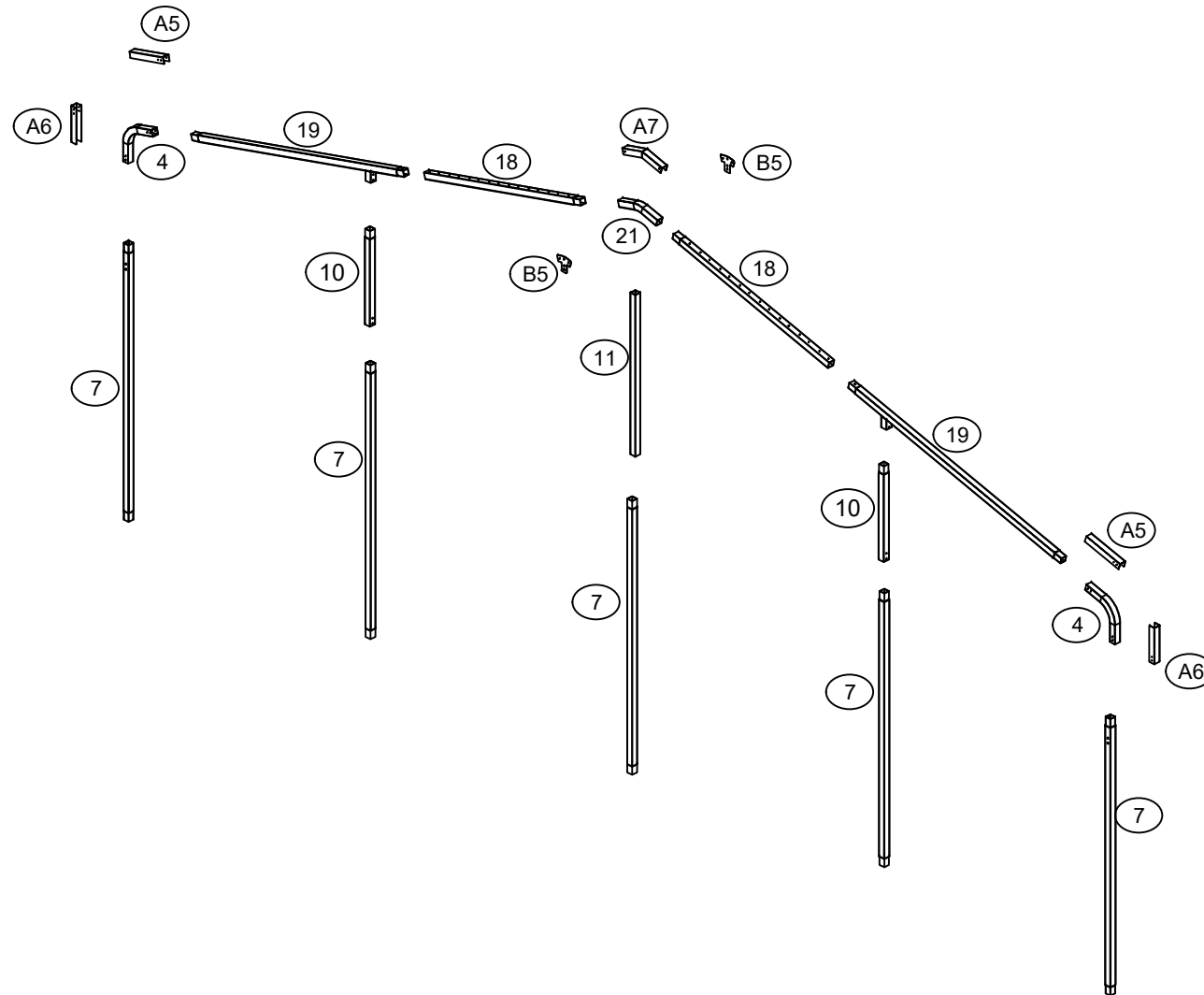
A4 X2

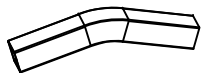


ST5 X16



4: Rear frame installation

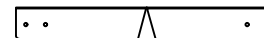




[21] X1



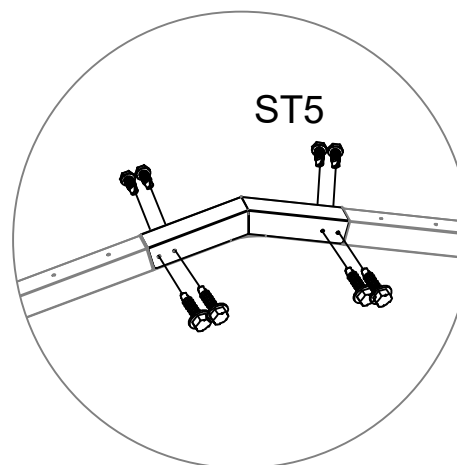
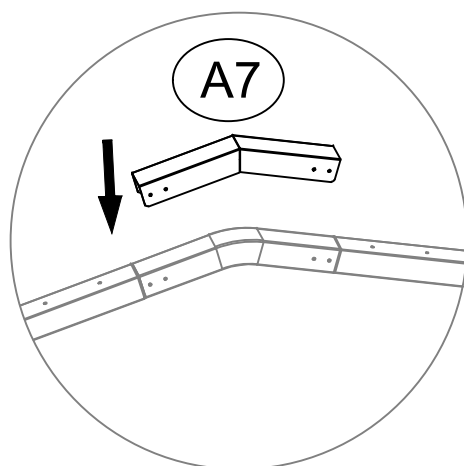
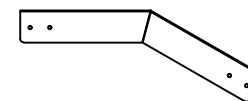
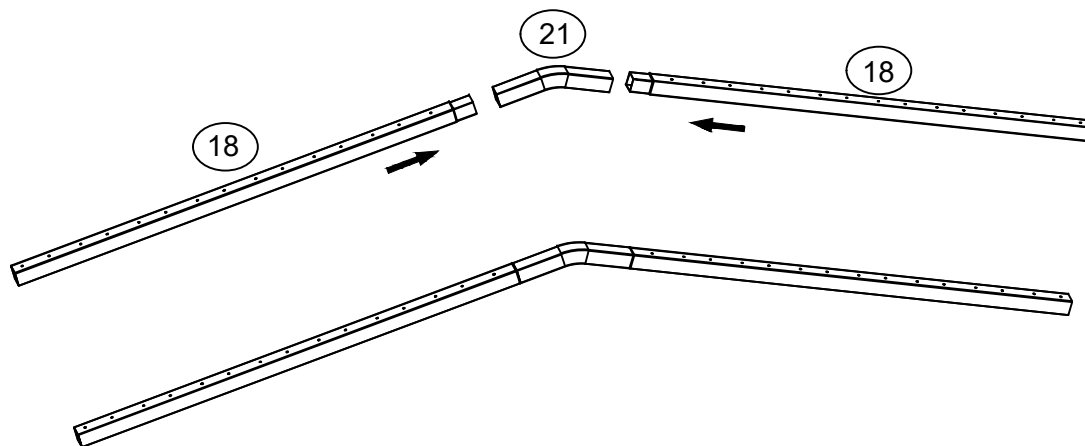
[18] X2



[A7] X1



[ST5] X8

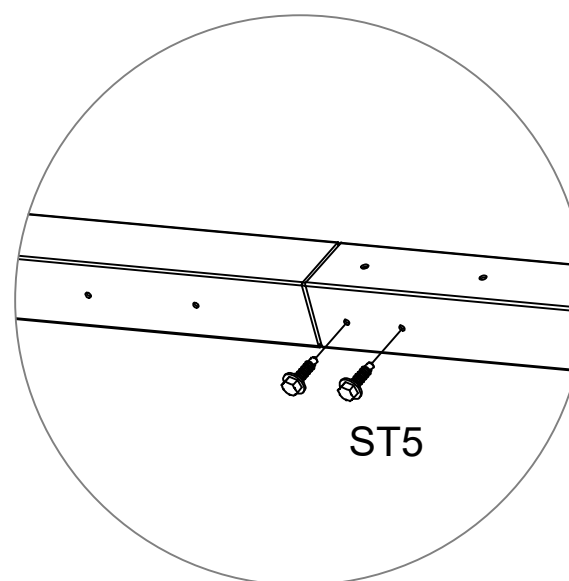
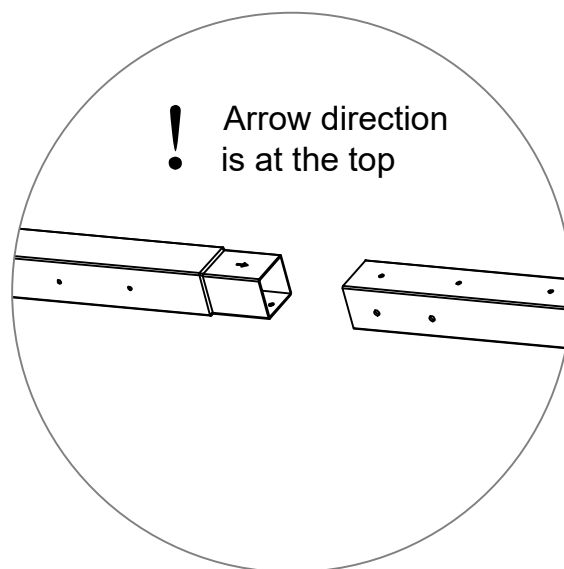
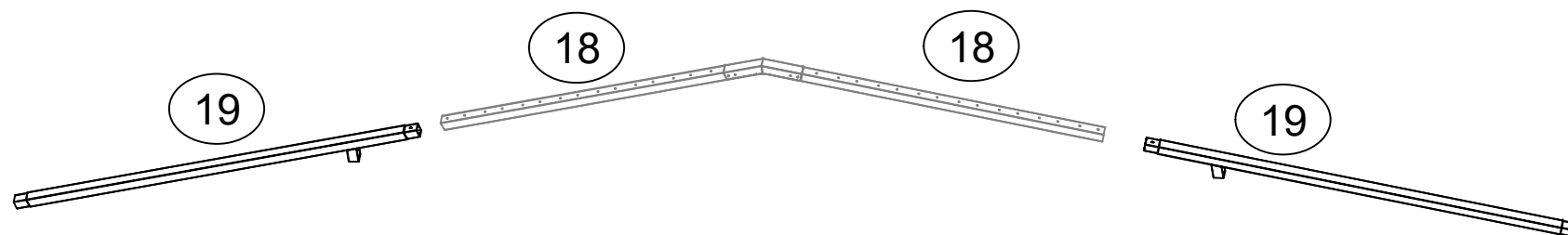




19 X2

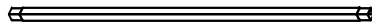


ST5 X4

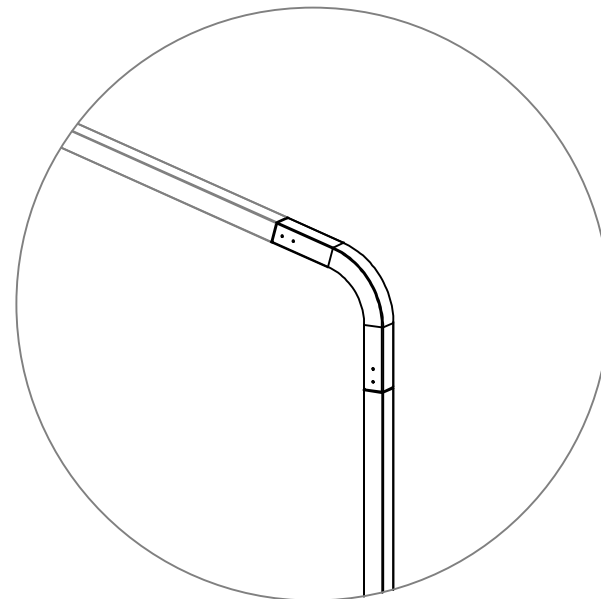
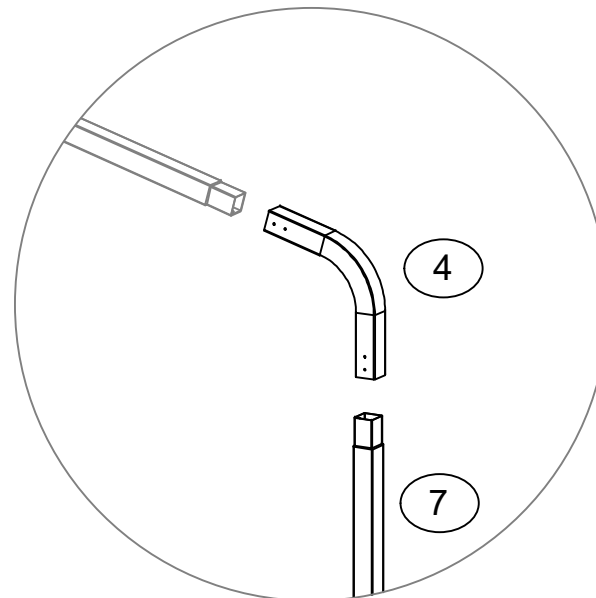
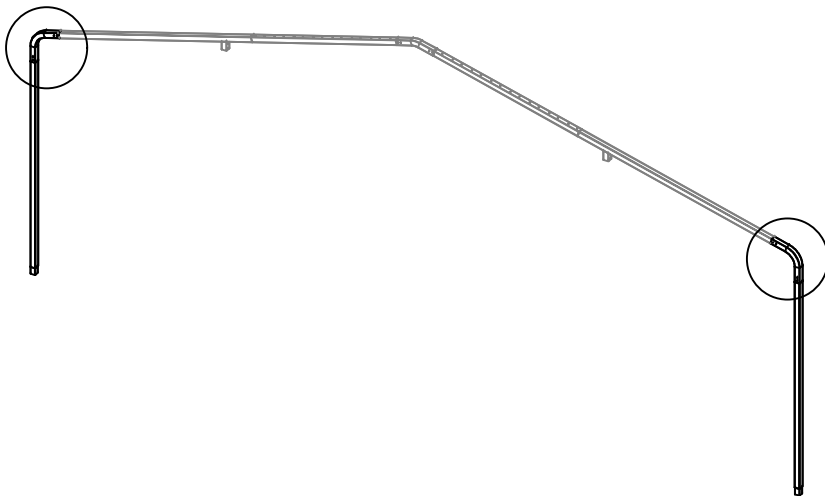


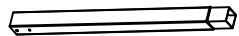


4 X2

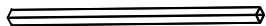


7 X2





10 X2



11 X1



7 X3



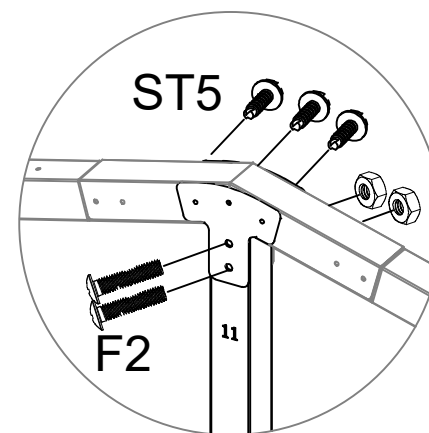
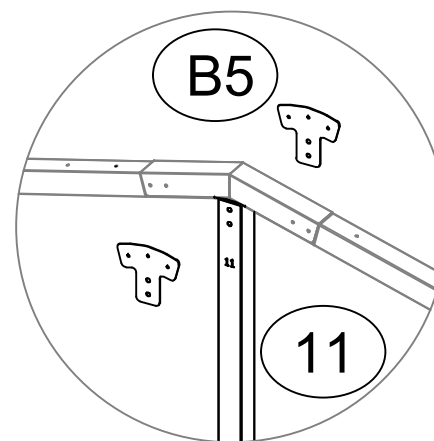
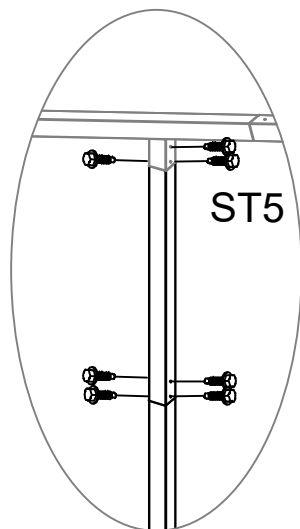
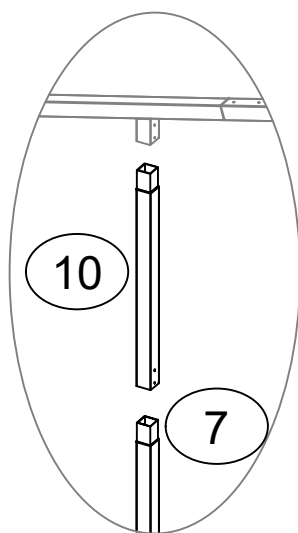
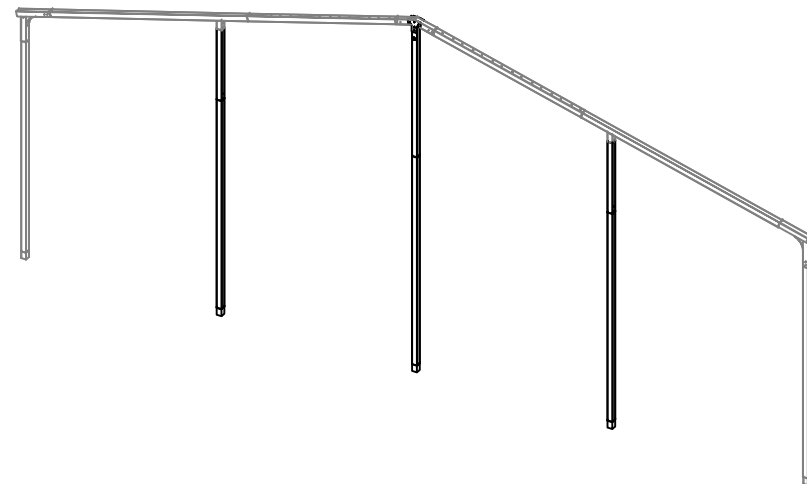
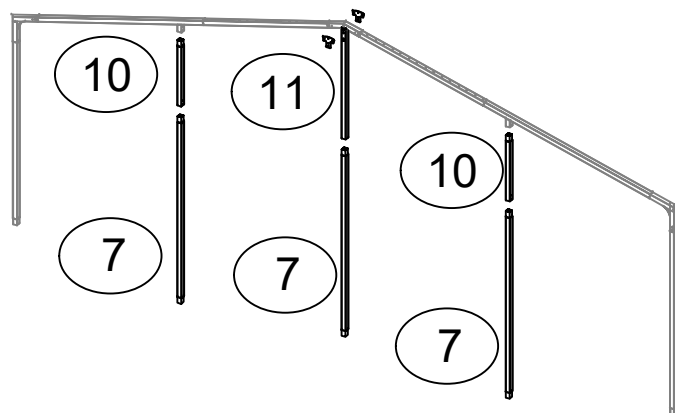
B5 X2

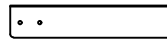


ST5 X21

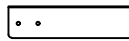


F2 X2





A5 X2



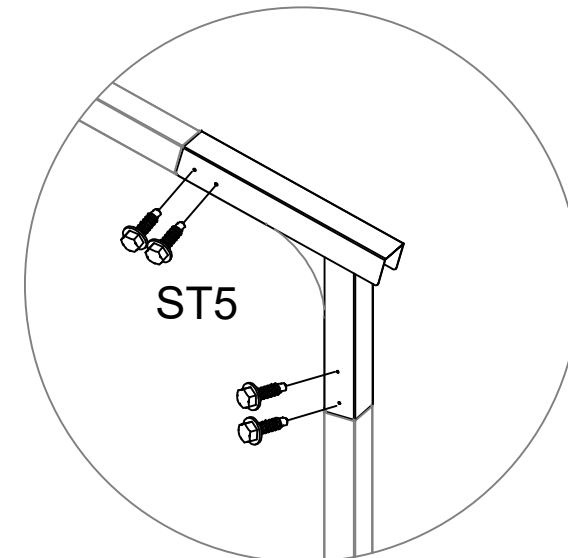
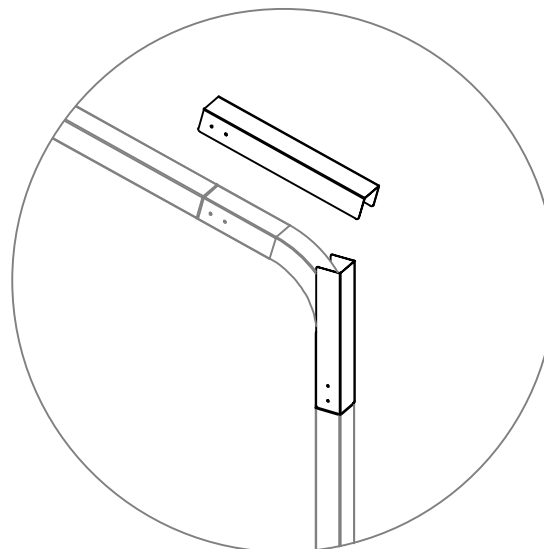
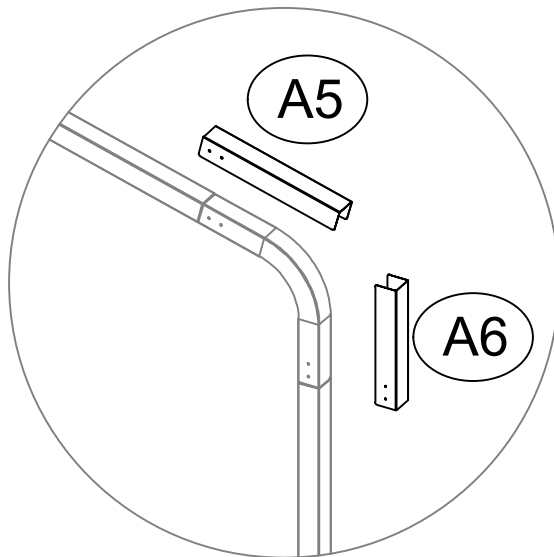
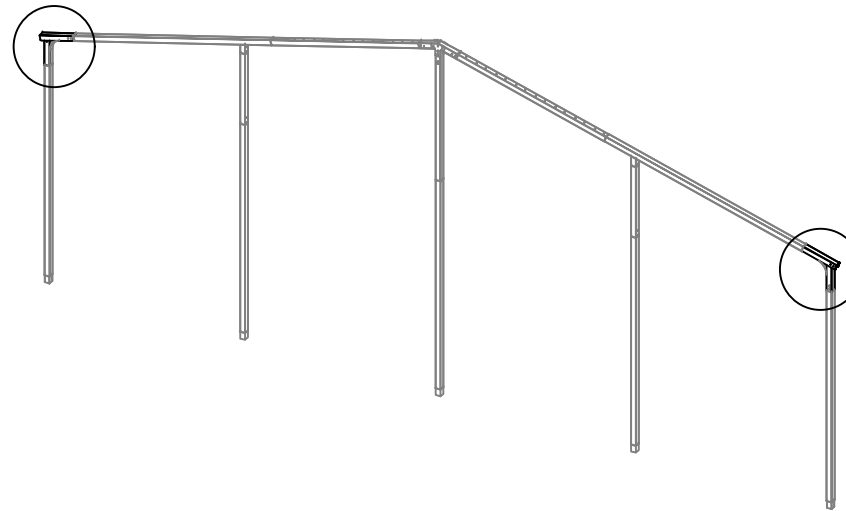
A6 X2



A7 X1



ST5 X12





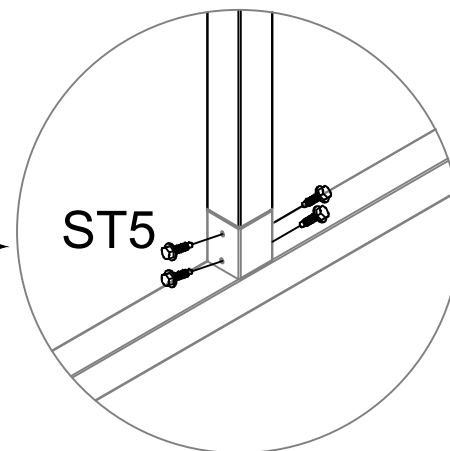
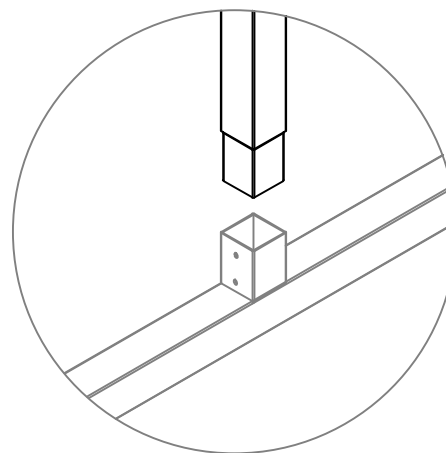
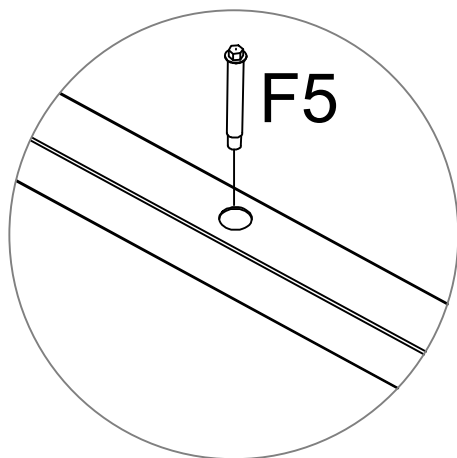
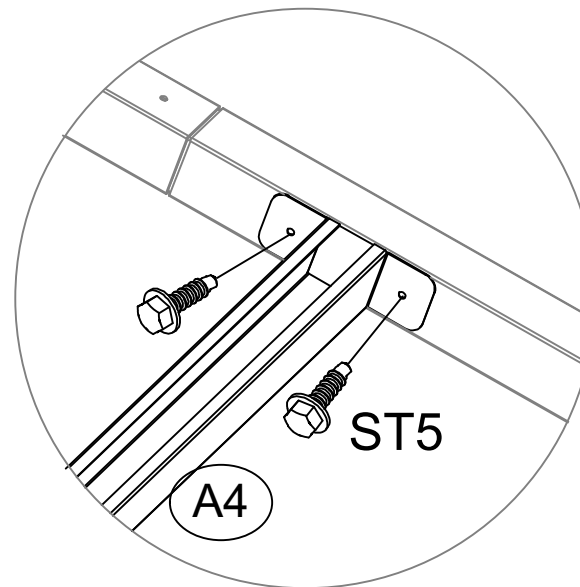
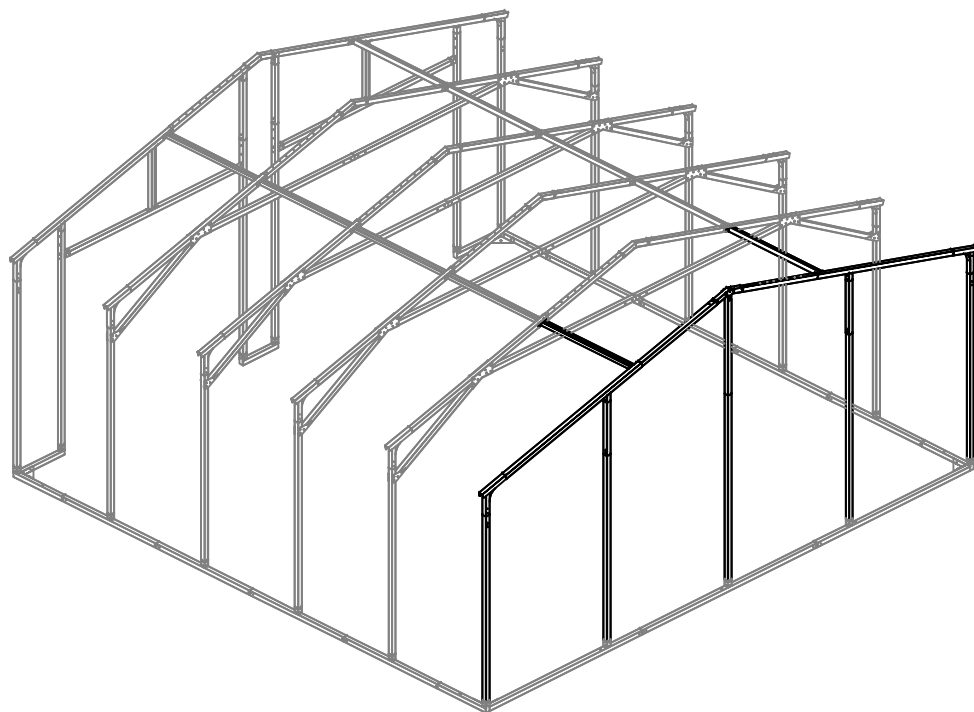
A4 X2



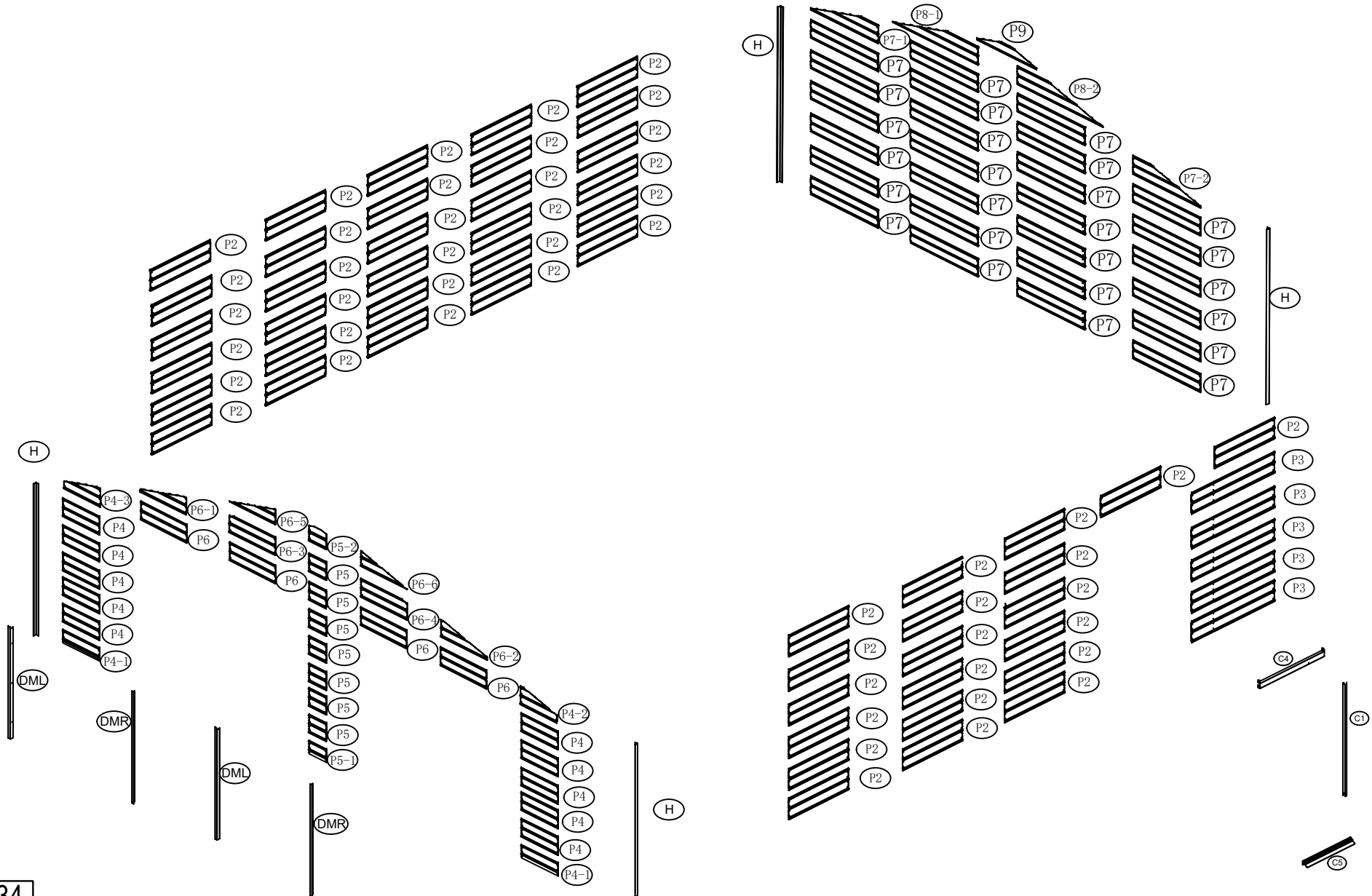
ST5 X28

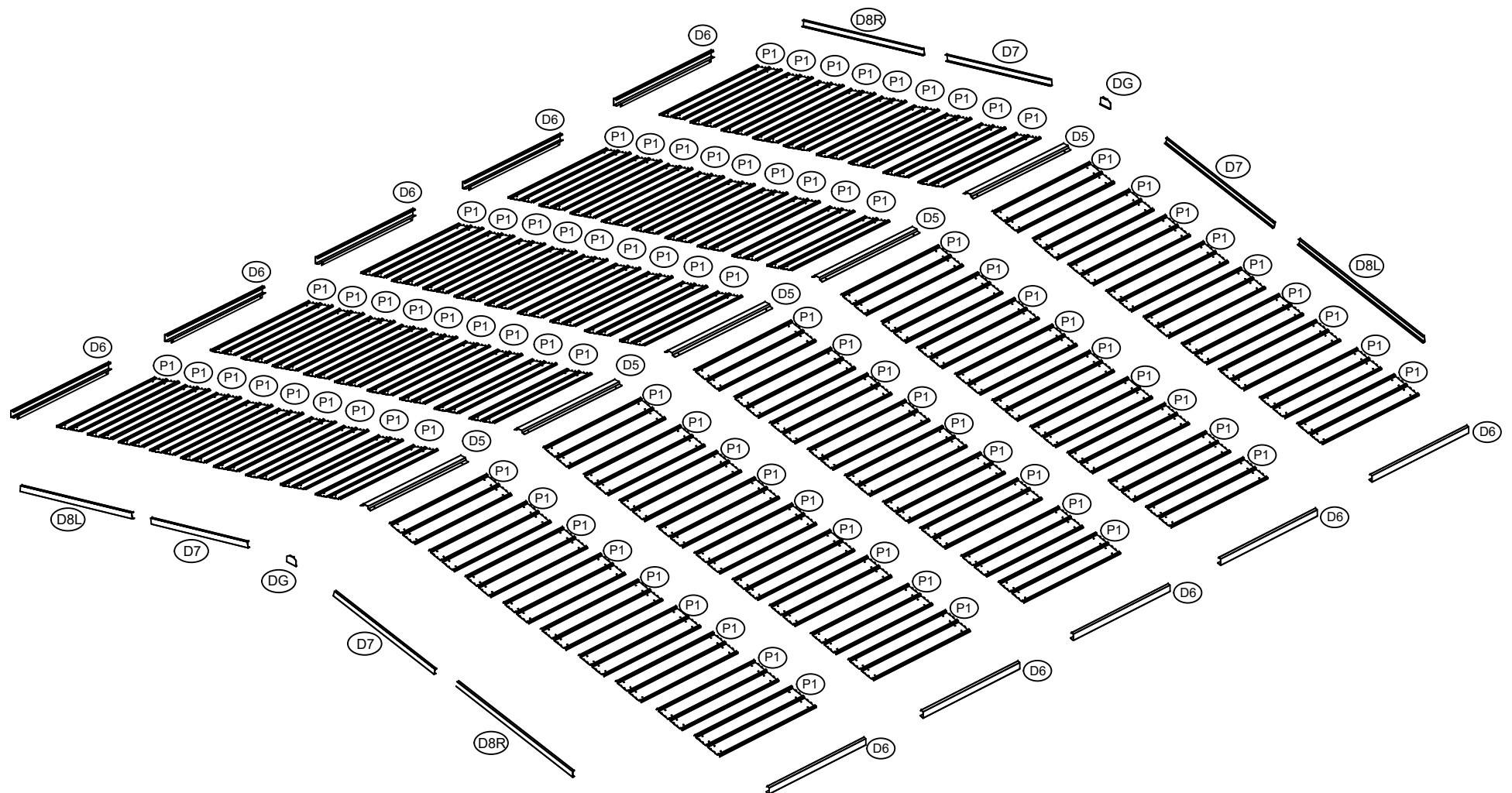


F5 X20



5: Installation of wall panels and roof panels







P6-5 X1



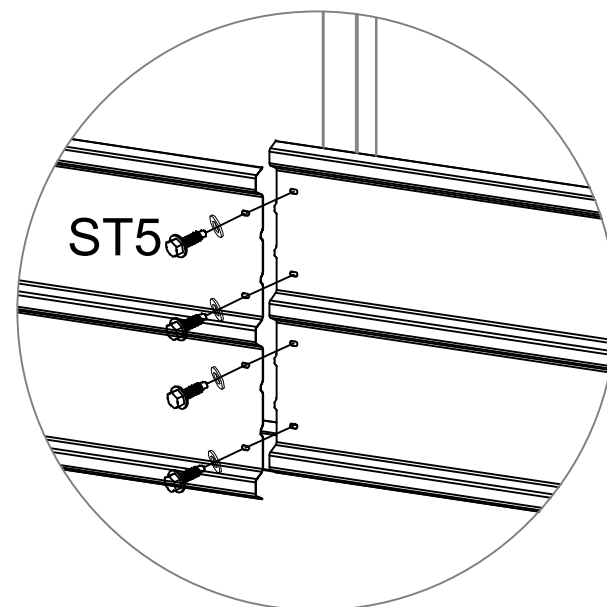
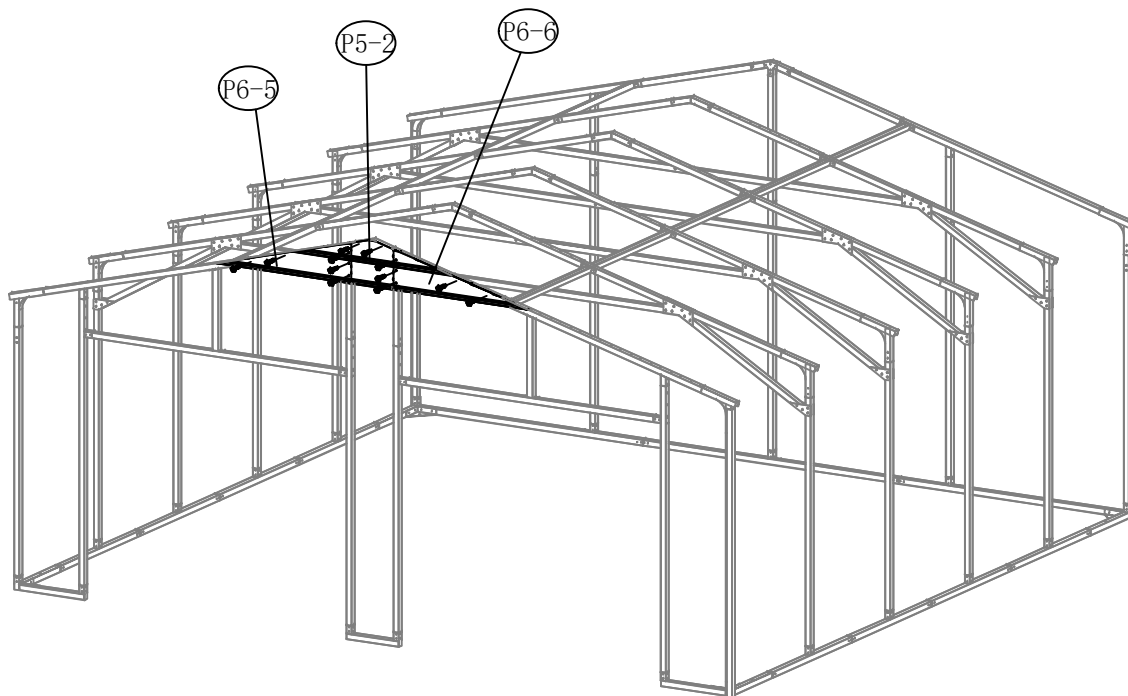
P6-6 X1



P5-2 X1



ST5 X12





P6-1 X1



P6-2 X1



P6-3 X1



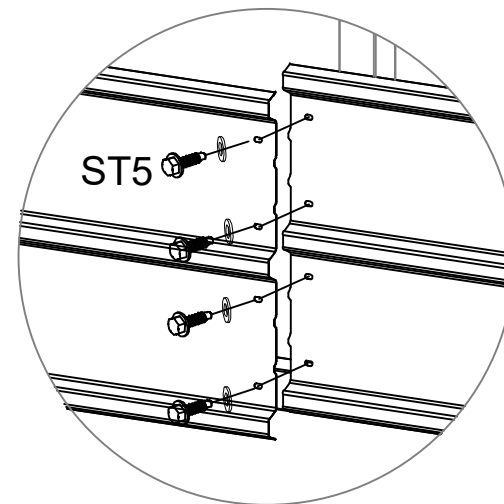
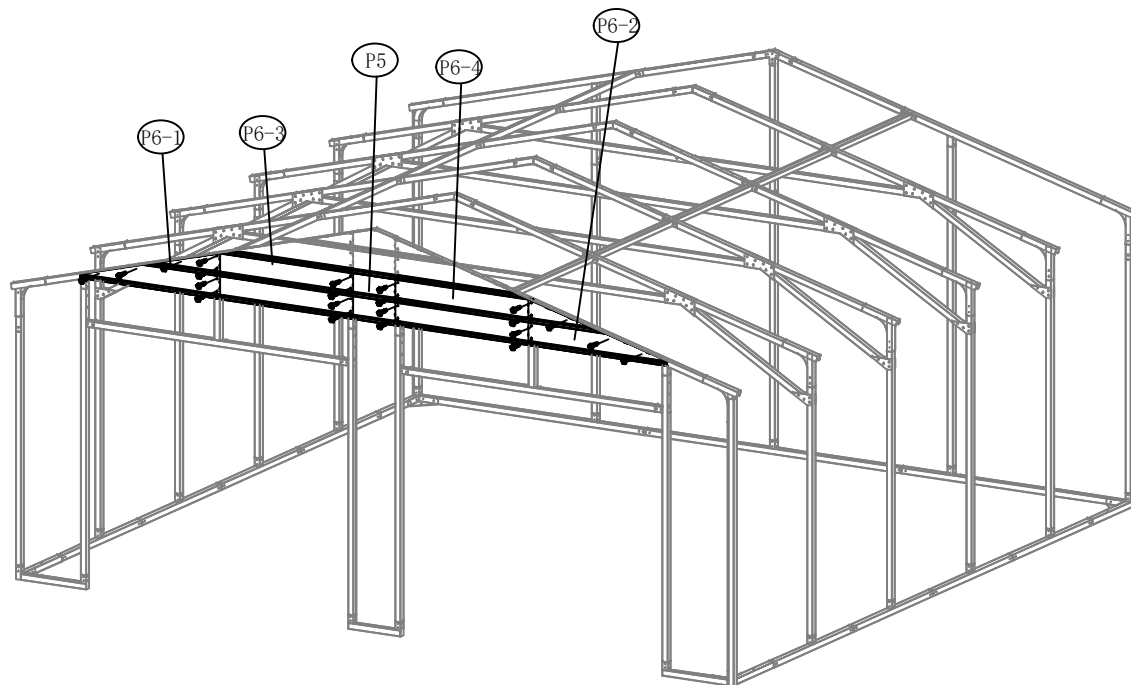
P6-4 X1



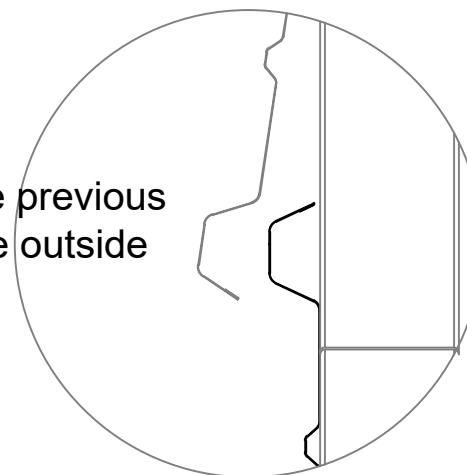
P5 X1



ST5 X22



Buckle the previous
one on the outside





P6 X4



P4-3 X1



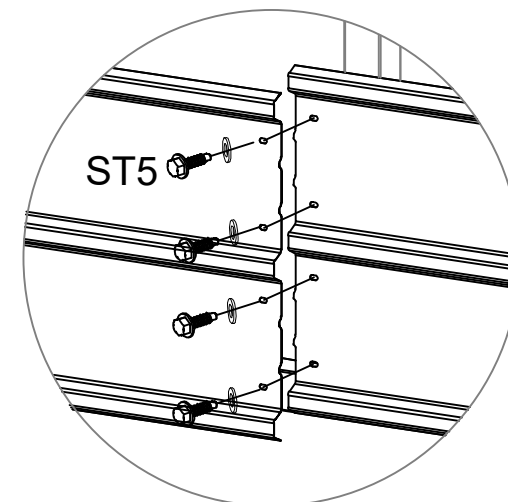
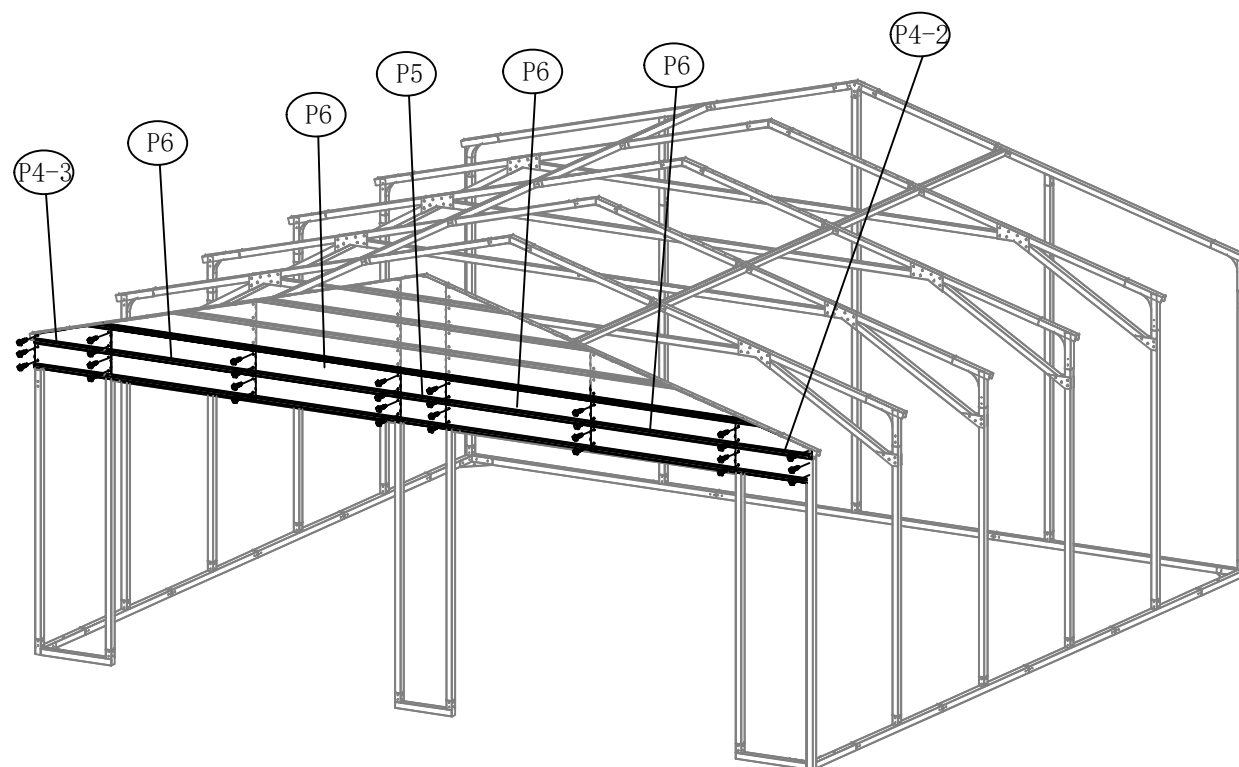
P5 X1



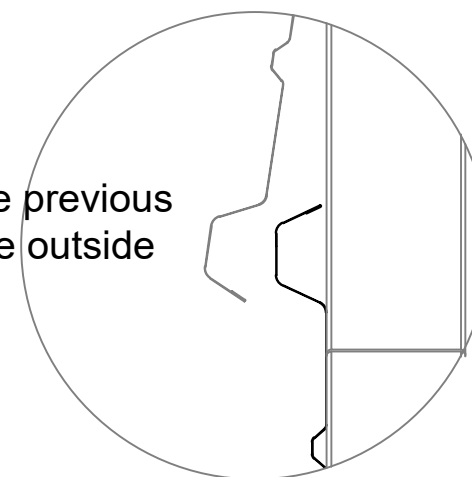
P4-2 X1



ST5 X32



Buckle the previous one on the outside





P4 X10



P4-1 X2



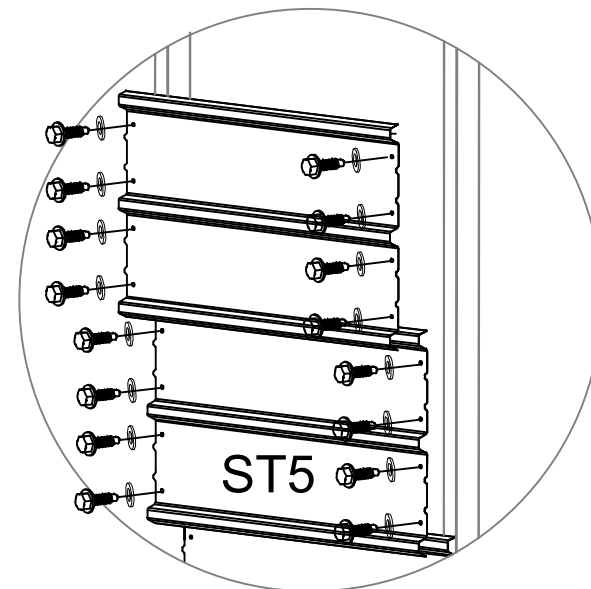
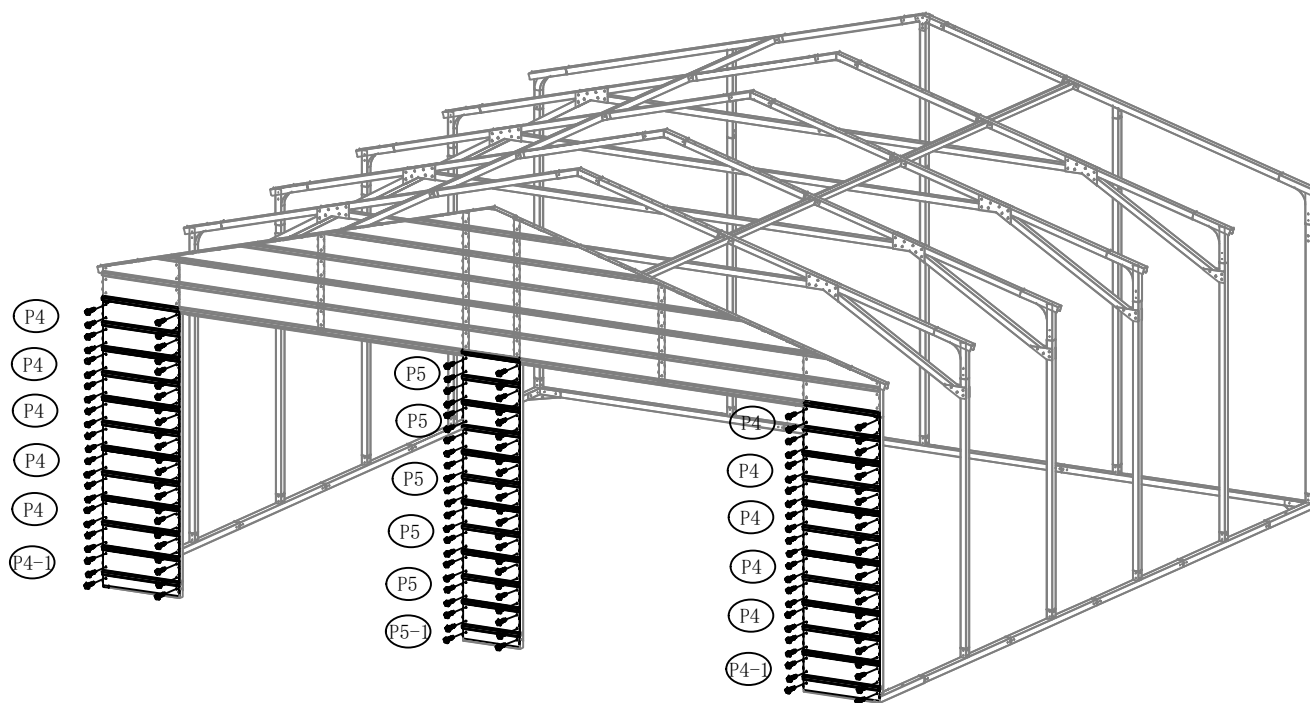
P5 X5



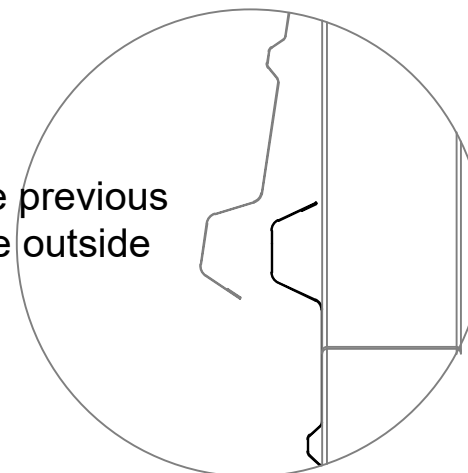
P5-1 X1



ST5 X138



Buckle the previous
one on the outside





P8-1 X1



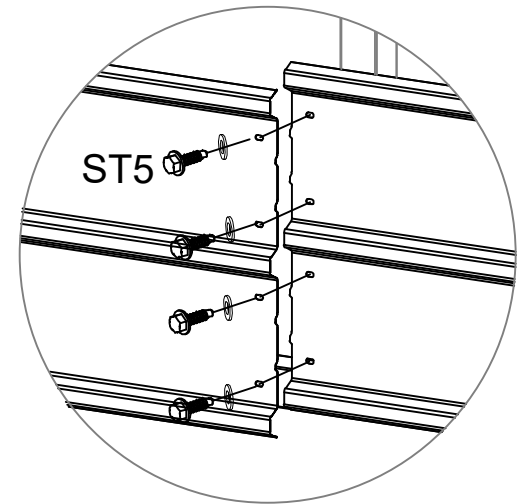
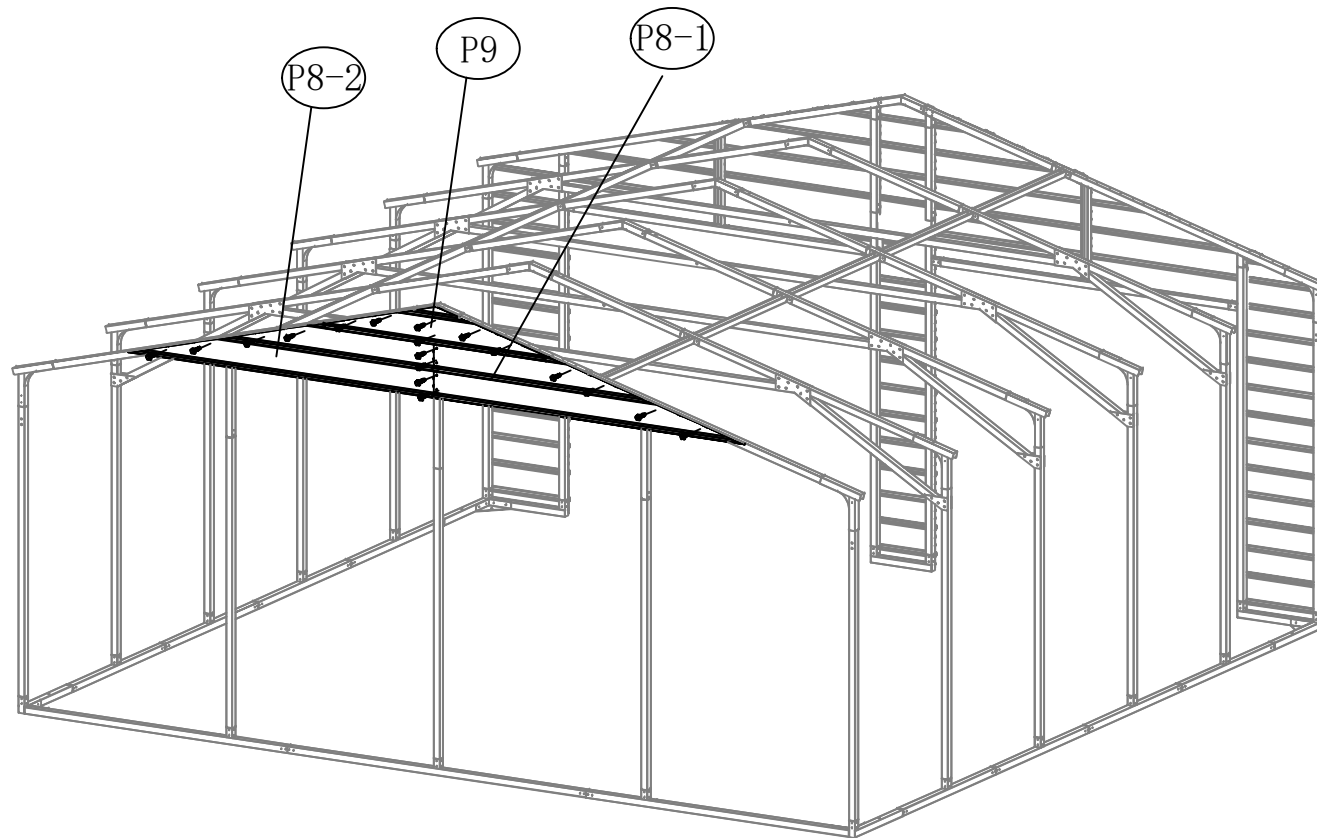
P8-2 X1



P9 X1



ST5 X18





P7 X2



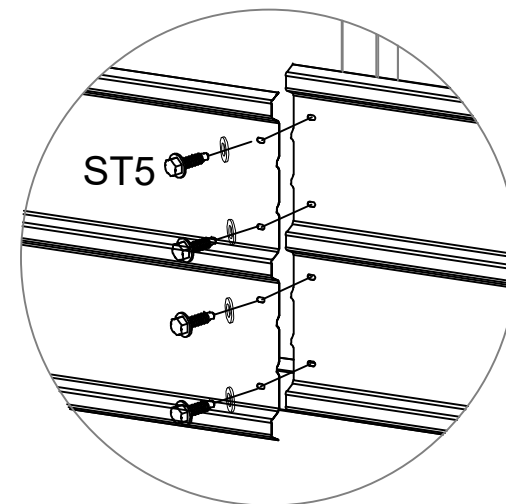
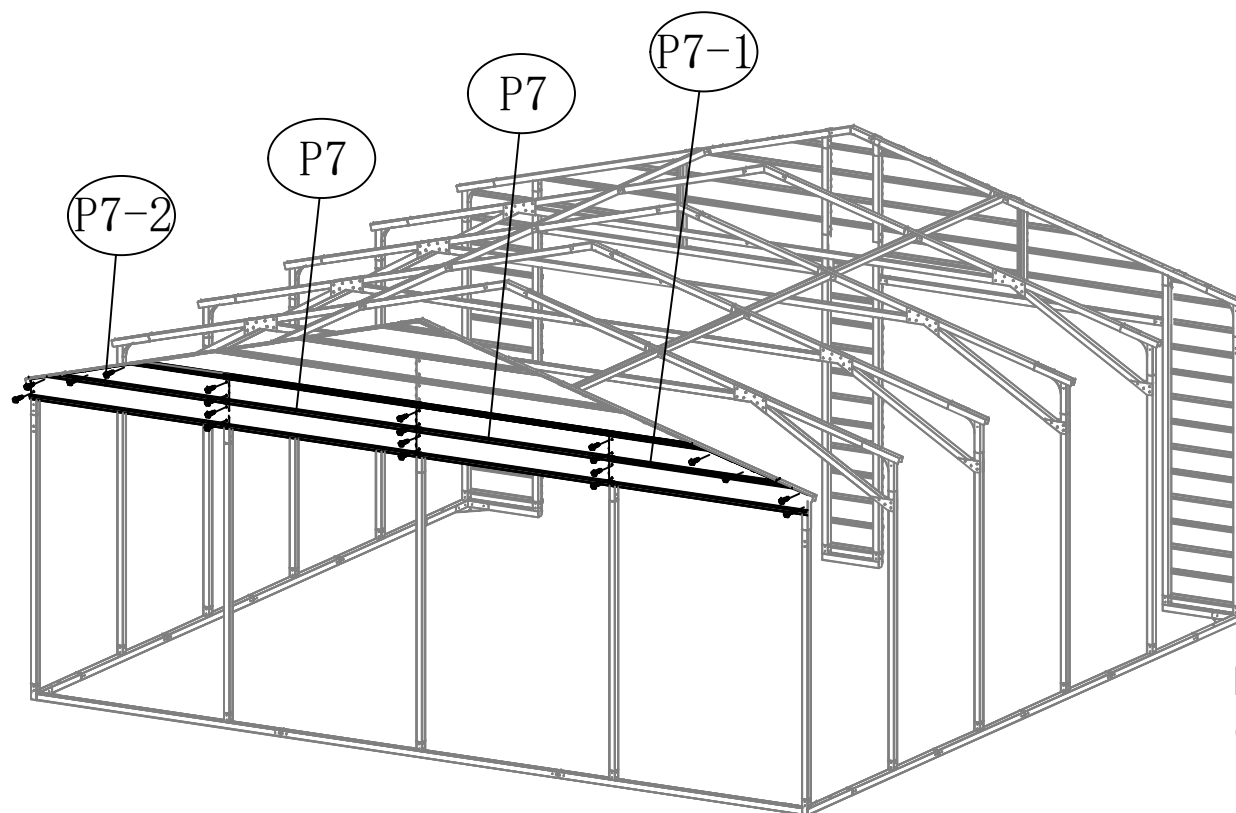
P7-1 X1



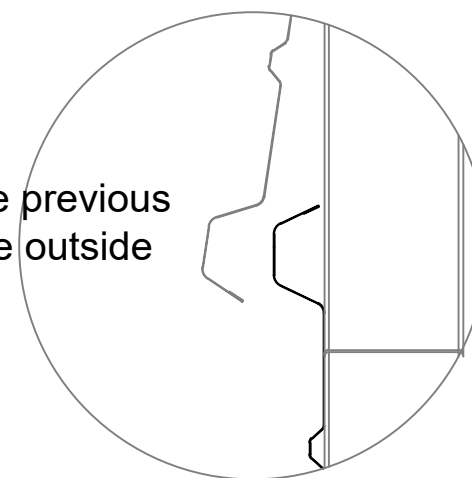
P7-2 X1



ST5 X20



Buckle the previous
one on the outside

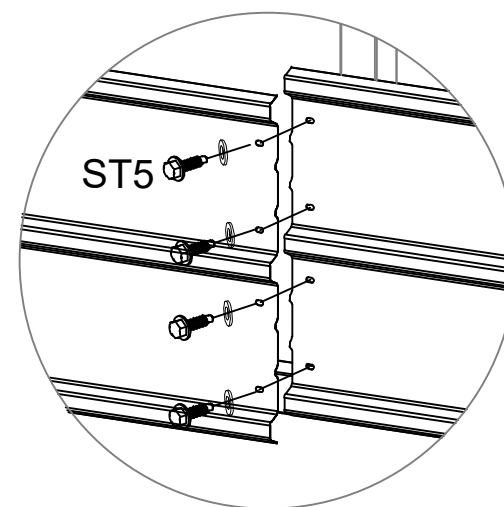
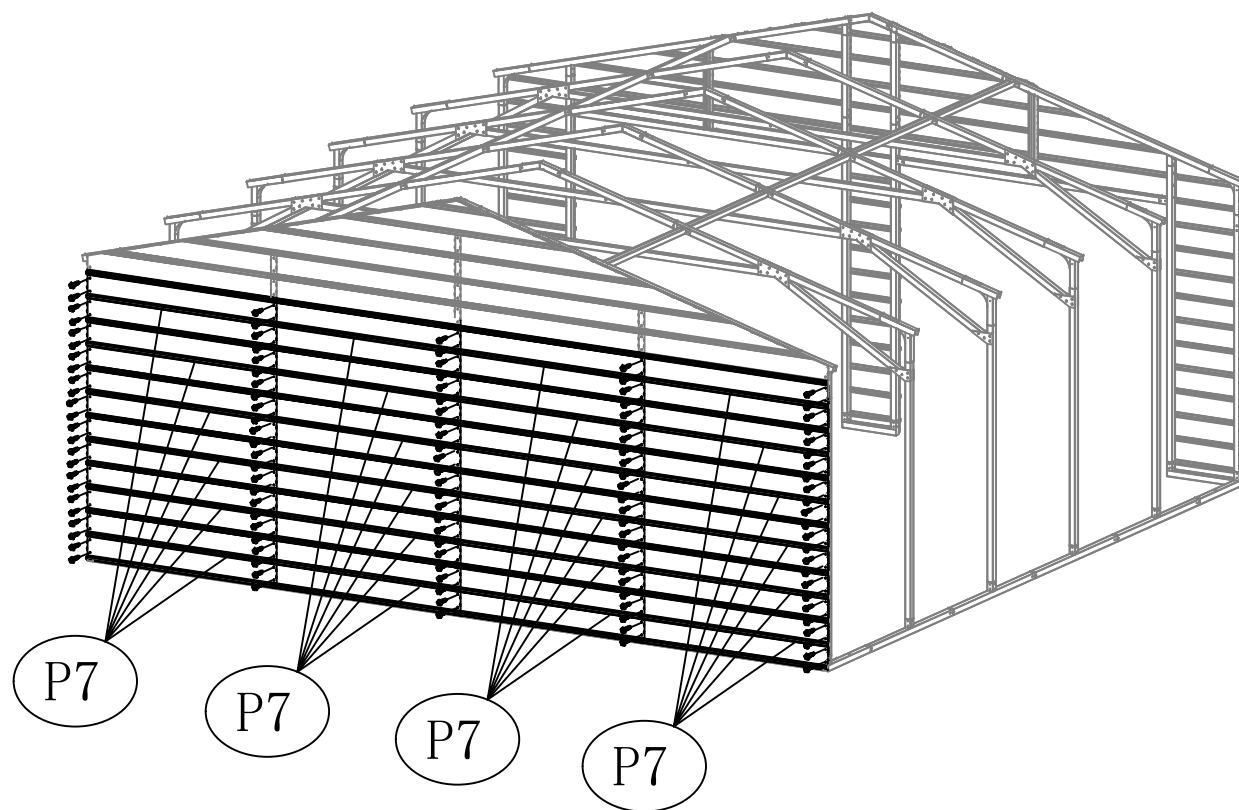




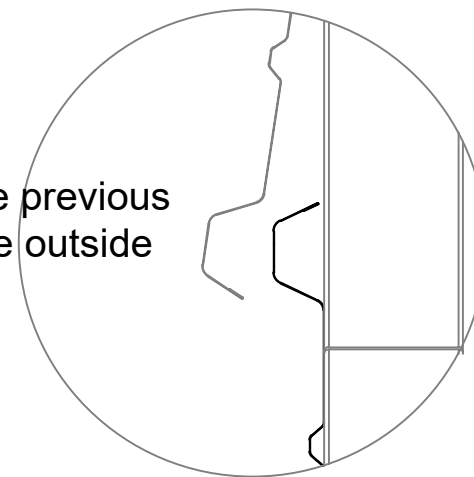
P7 X24



ST5 X120



Buckle the previous one on the outside





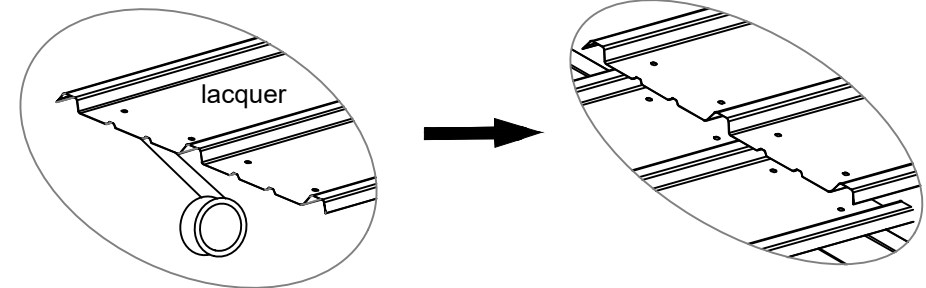
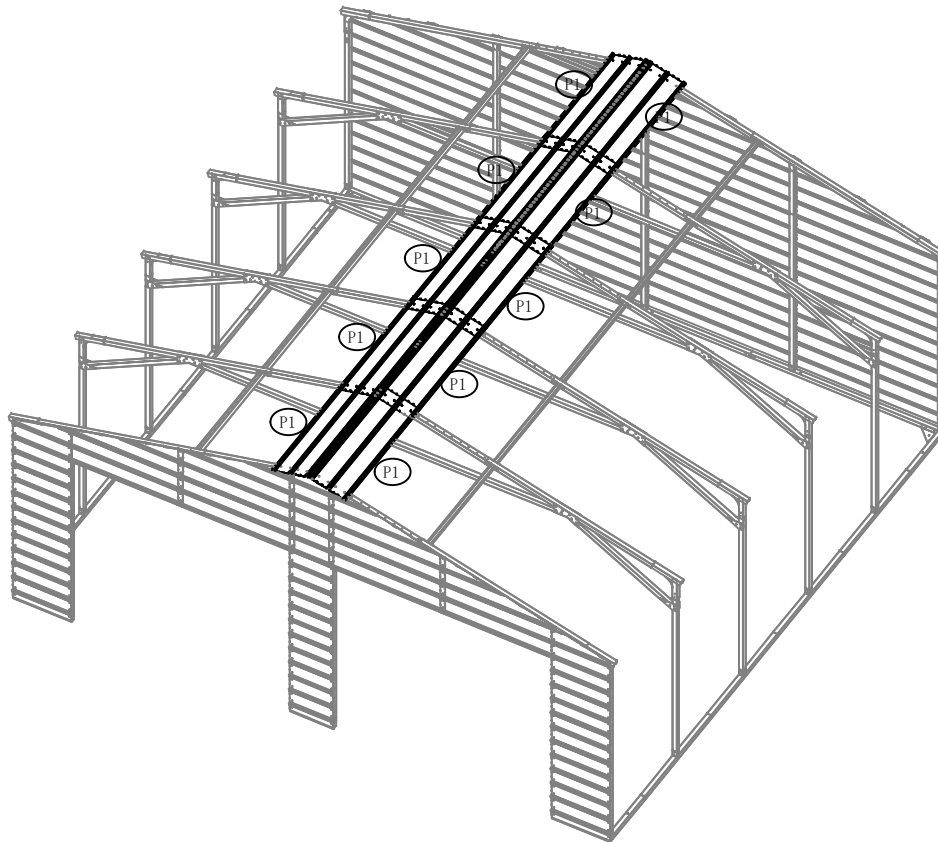
P1 X14



ST5 X36

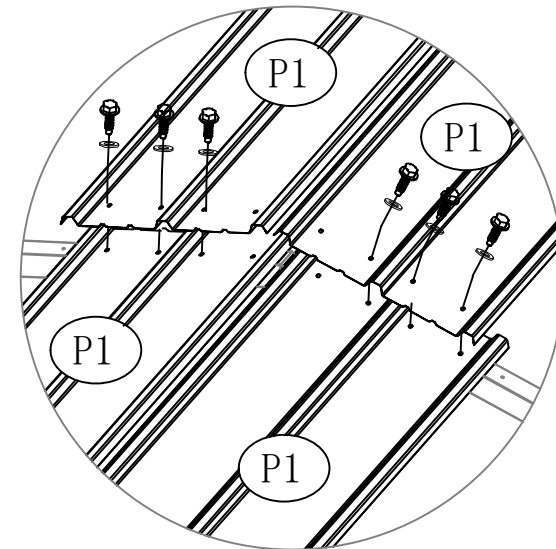


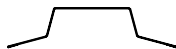
B



Stick waterproof adhesive on the
inside of the color steel, and then
compact the holes in the color steel

(A color steel tile is only adhered at one end)

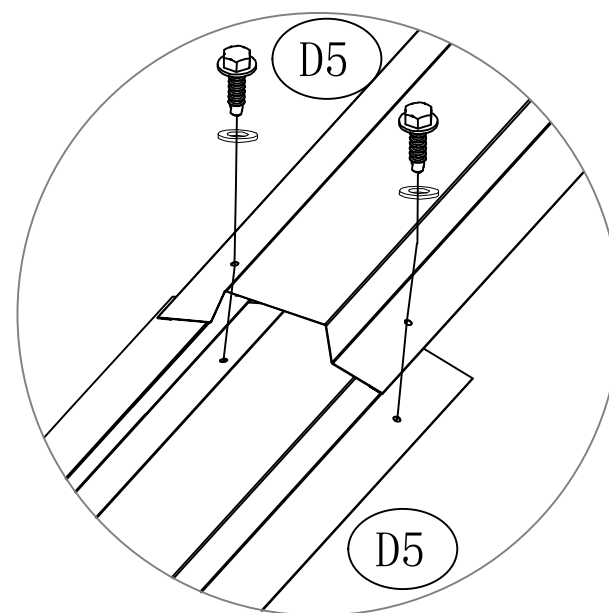
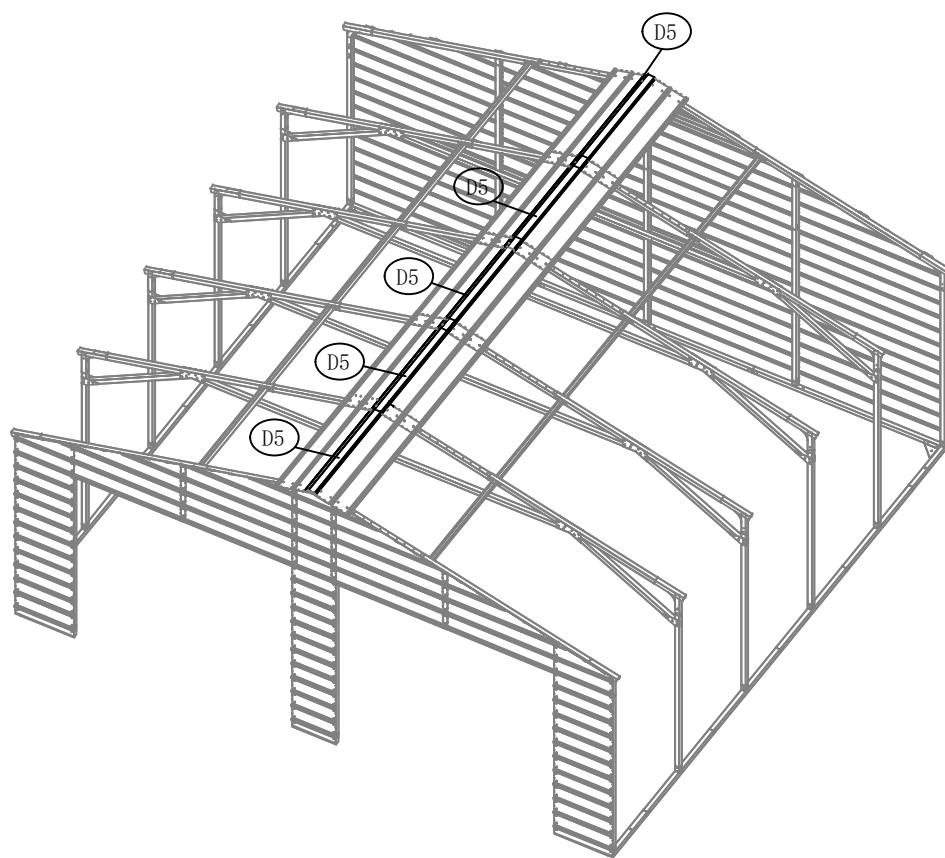




D5 X5



ST5 X12





P1 X80

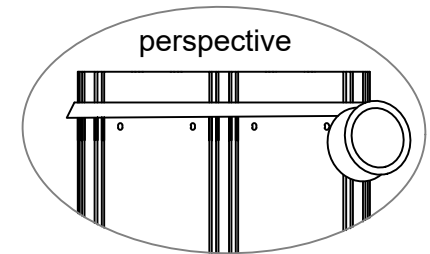
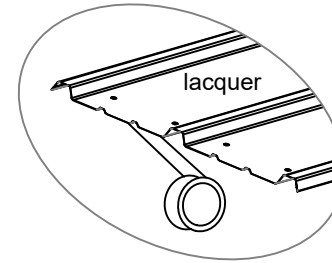
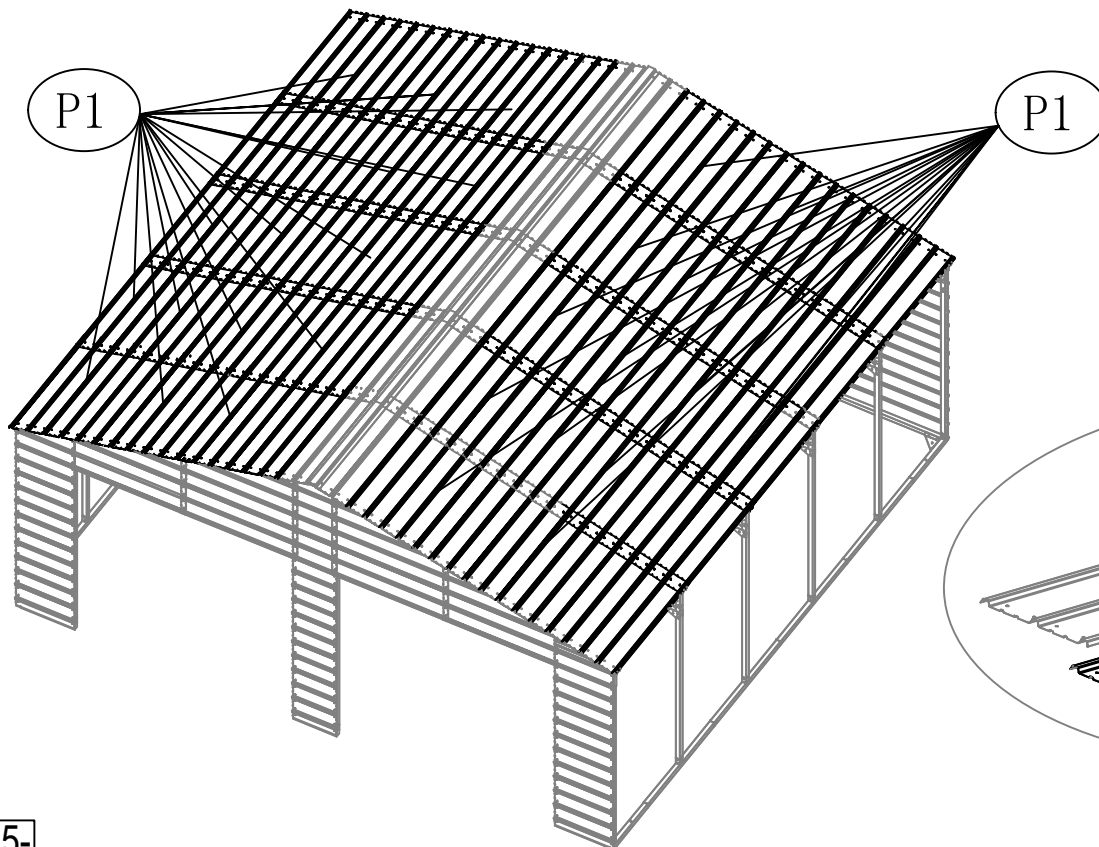


ST5 X384

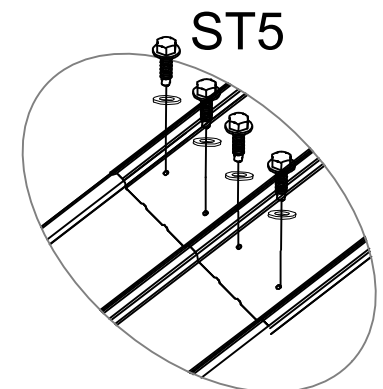
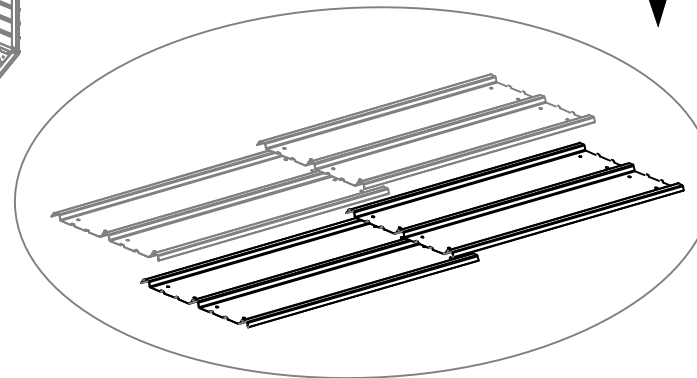
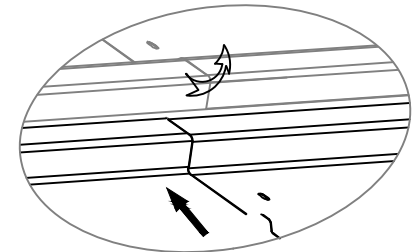
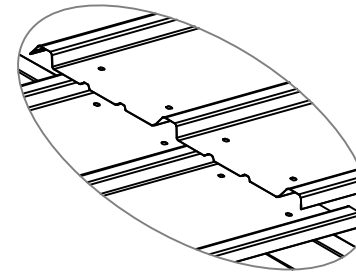


B

After sticking the adhesive to the inner paint side, press it onto another topcoat and insert it into the upper panel, then screw ST5 screws onto the lower side



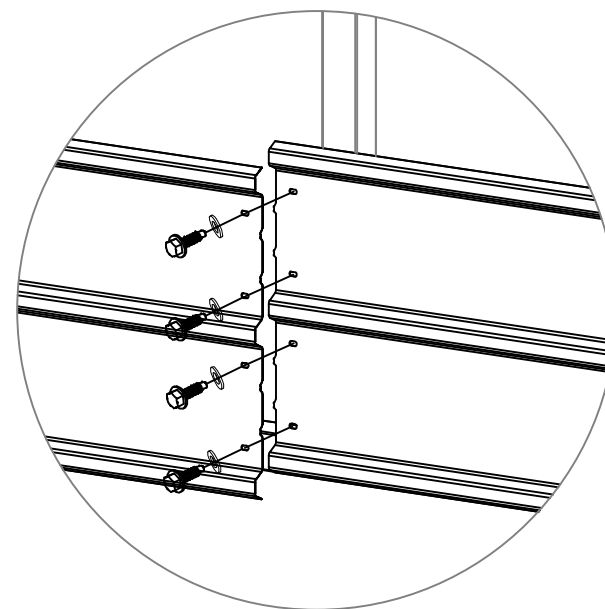
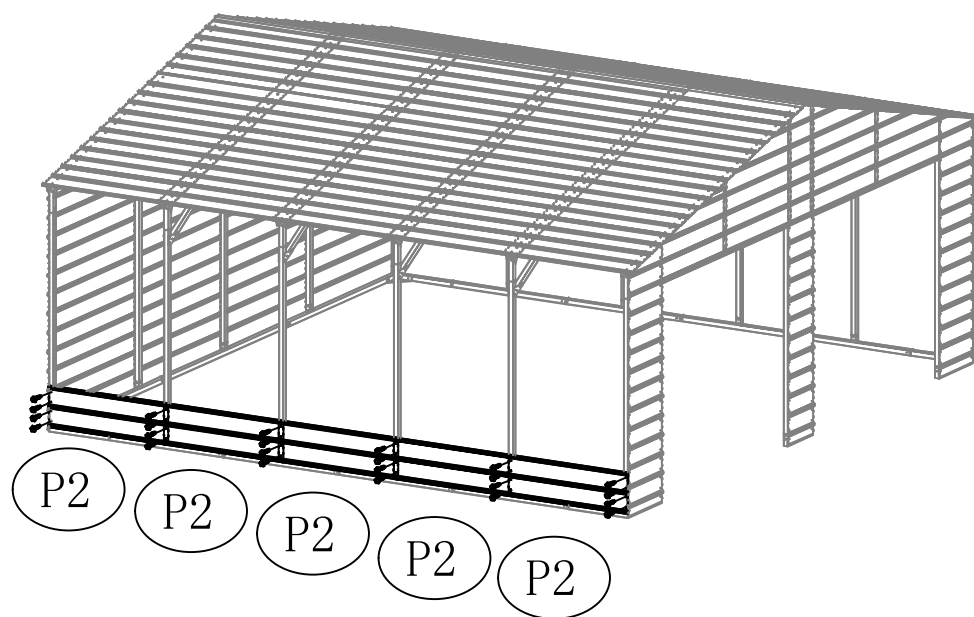
Put it under the first one.





P2 X5

ST5 X24

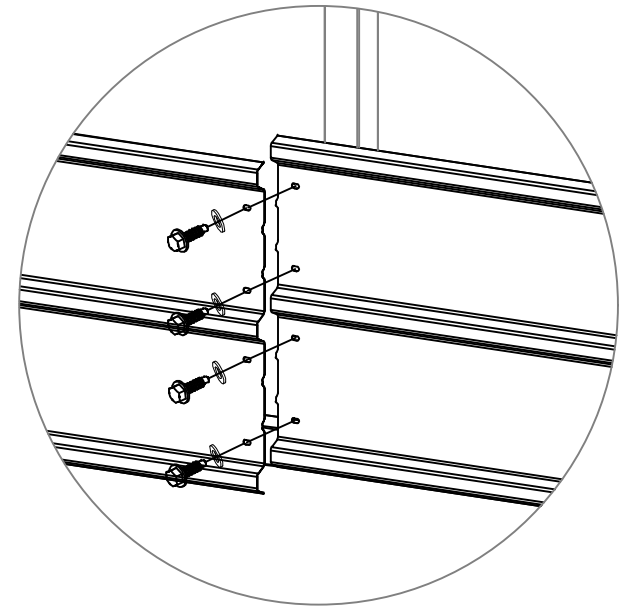
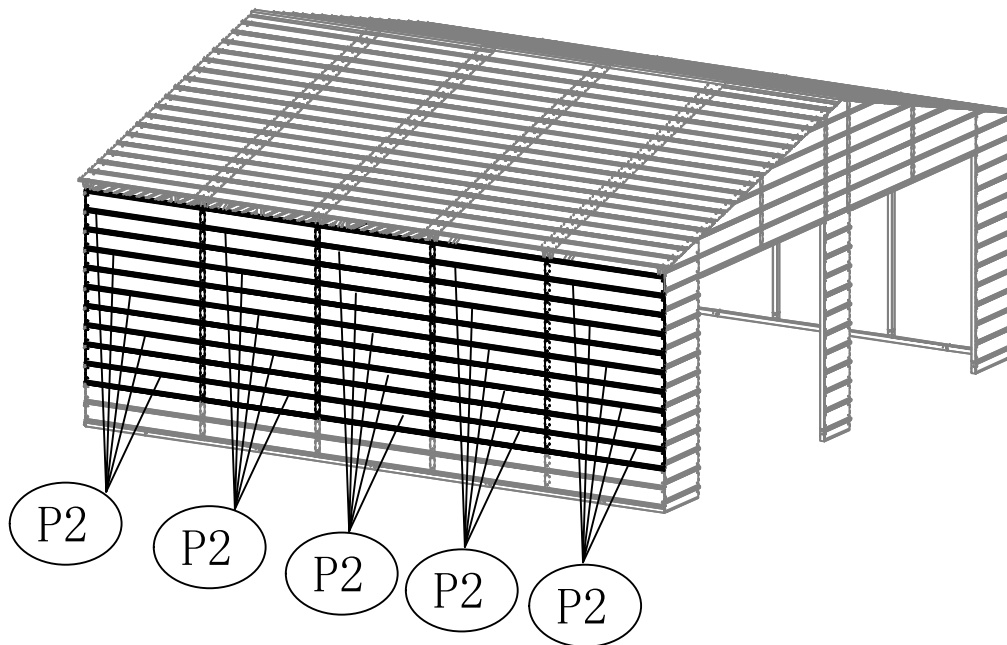


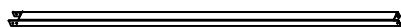


P2 X25



ST5 X114





C1 X1



C4 X1



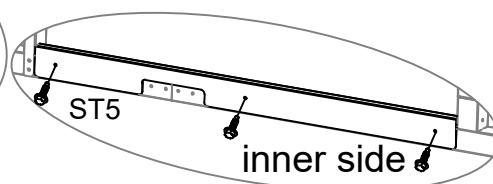
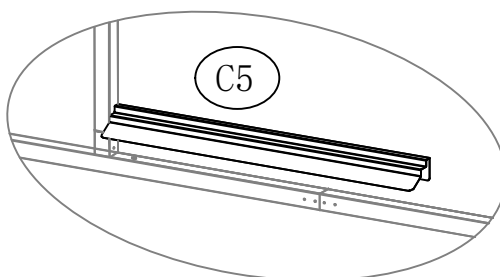
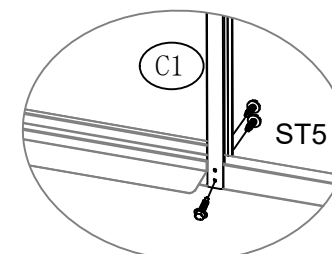
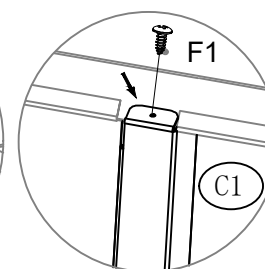
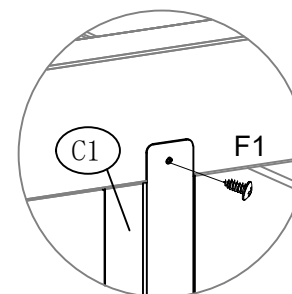
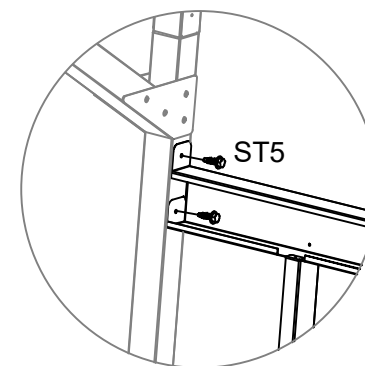
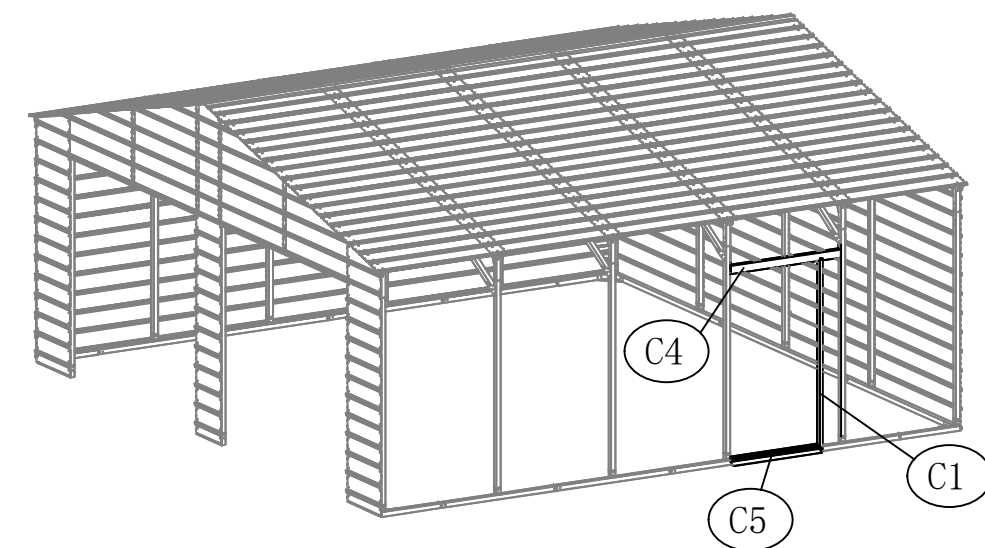
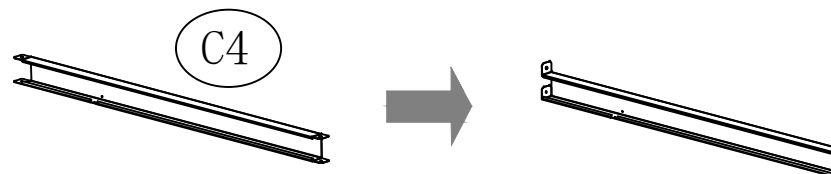
C5 X1



ST5 X8



F1 X2





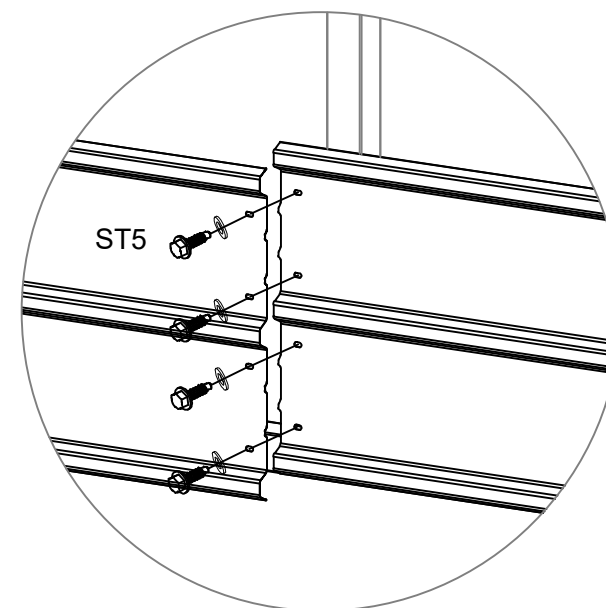
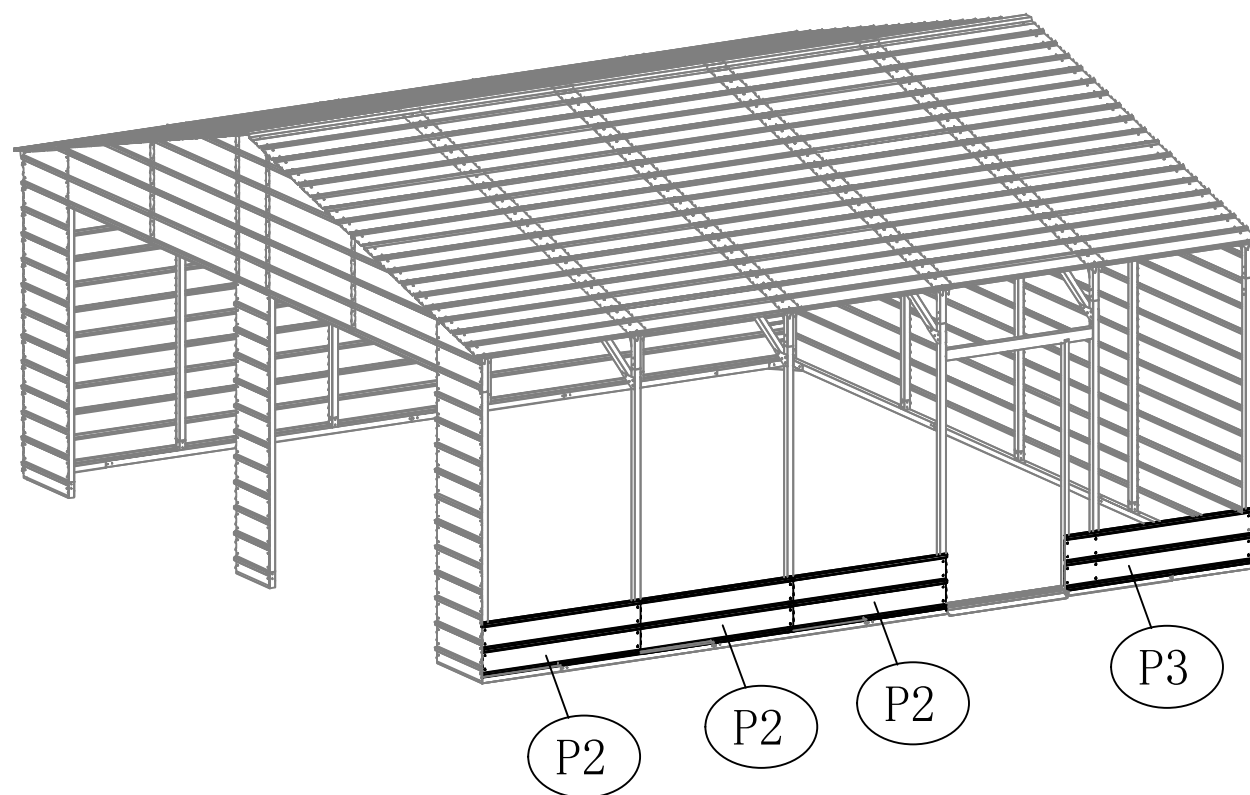
P2 X3



P3 X1



ST5 X28





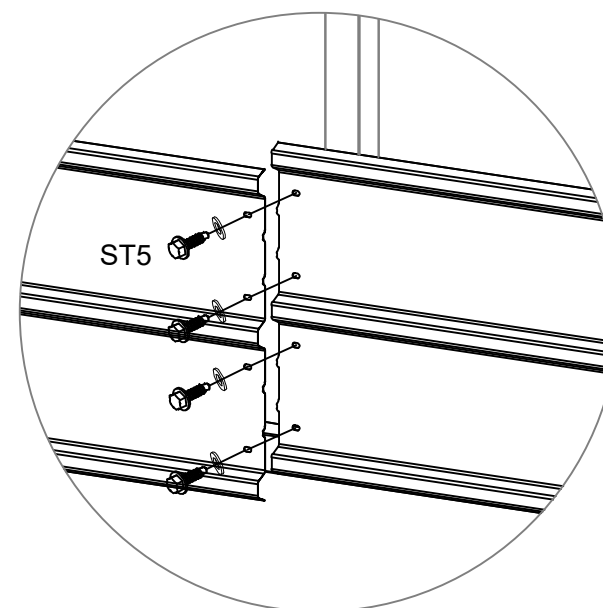
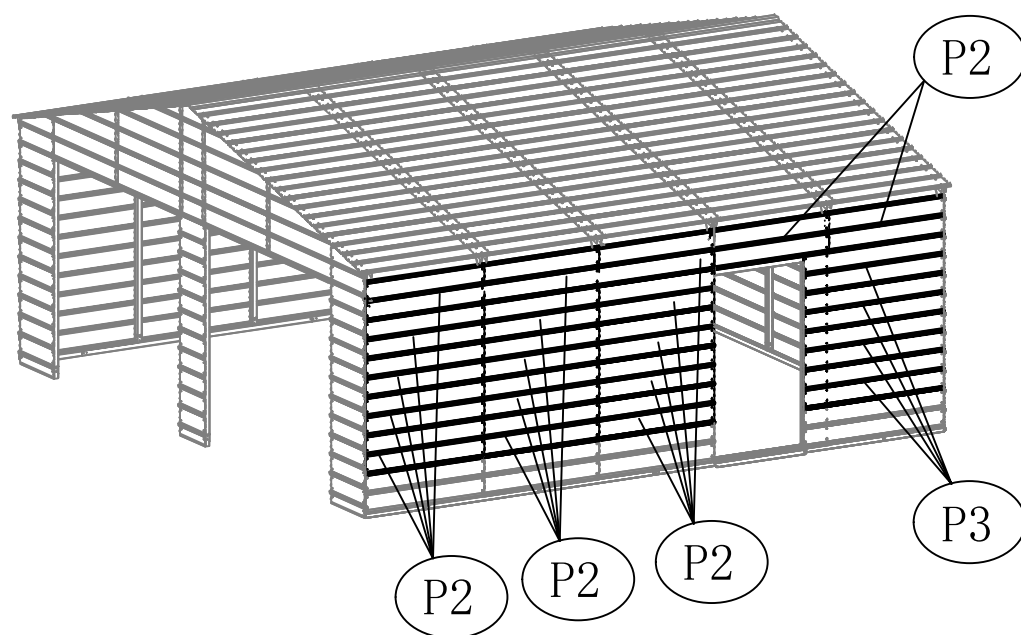
P2 X17



P3 X4



ST5 X114





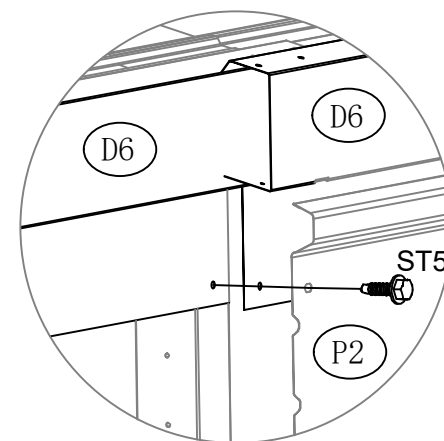
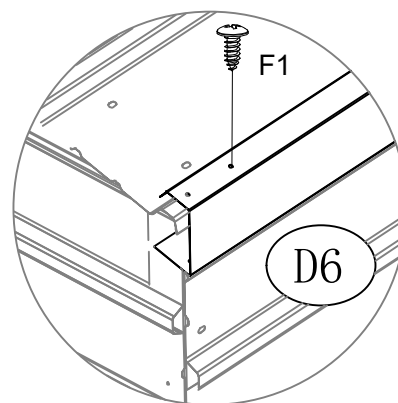
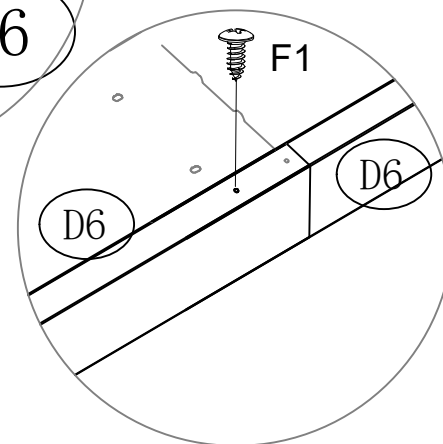
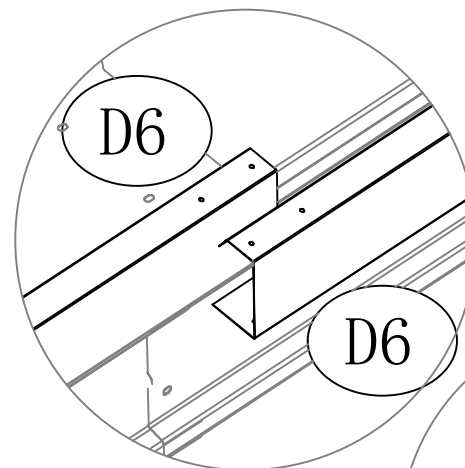
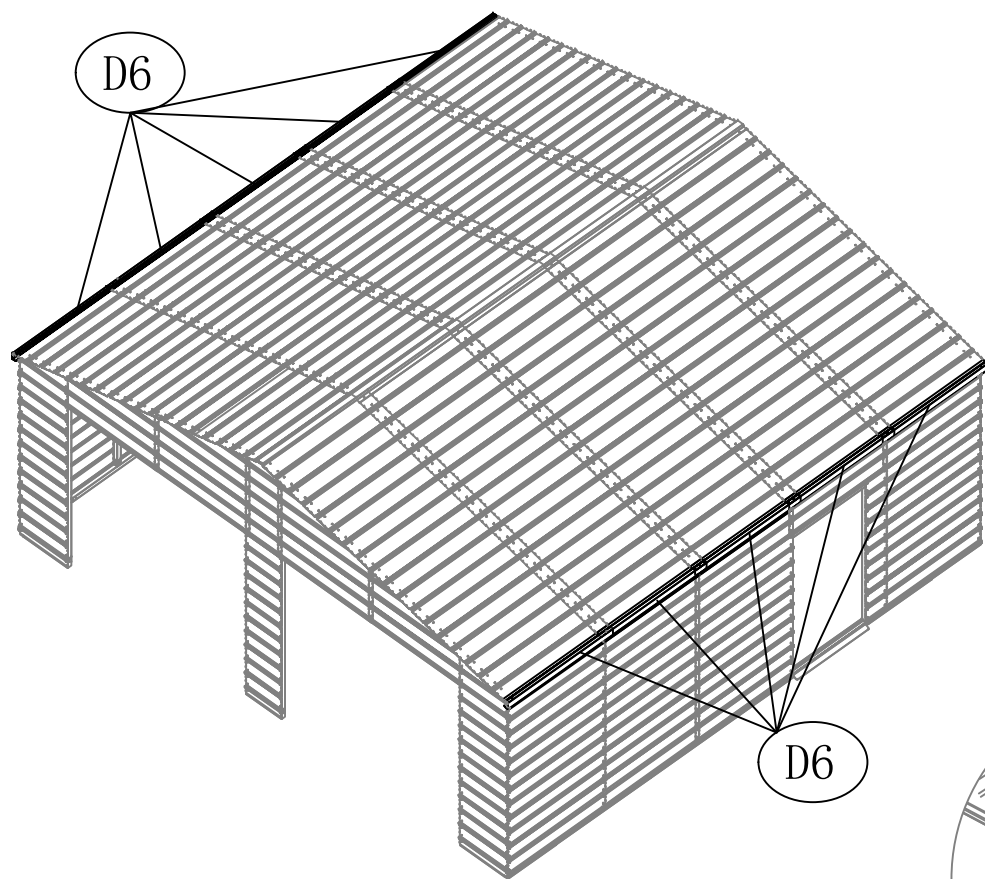
D6 X14



F1 X16



ST5 X12





D7 X4



D8L X2



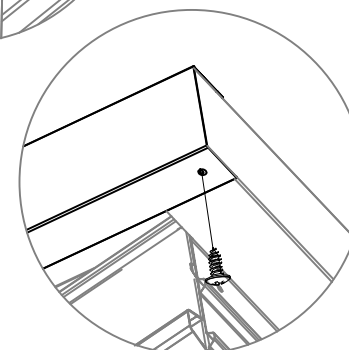
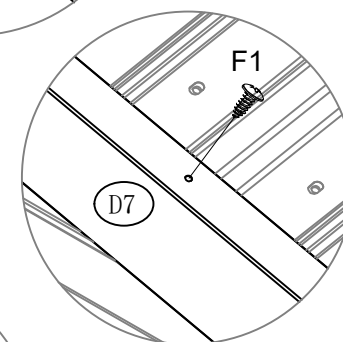
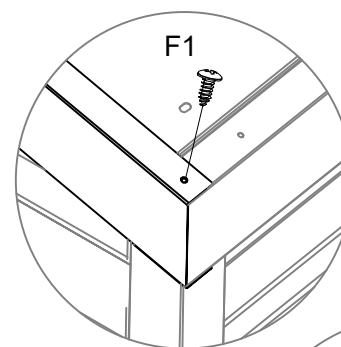
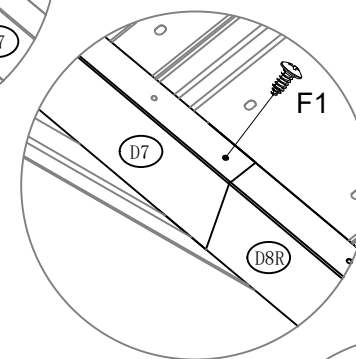
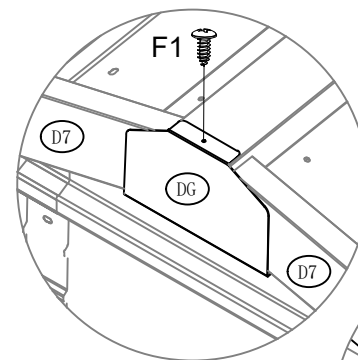
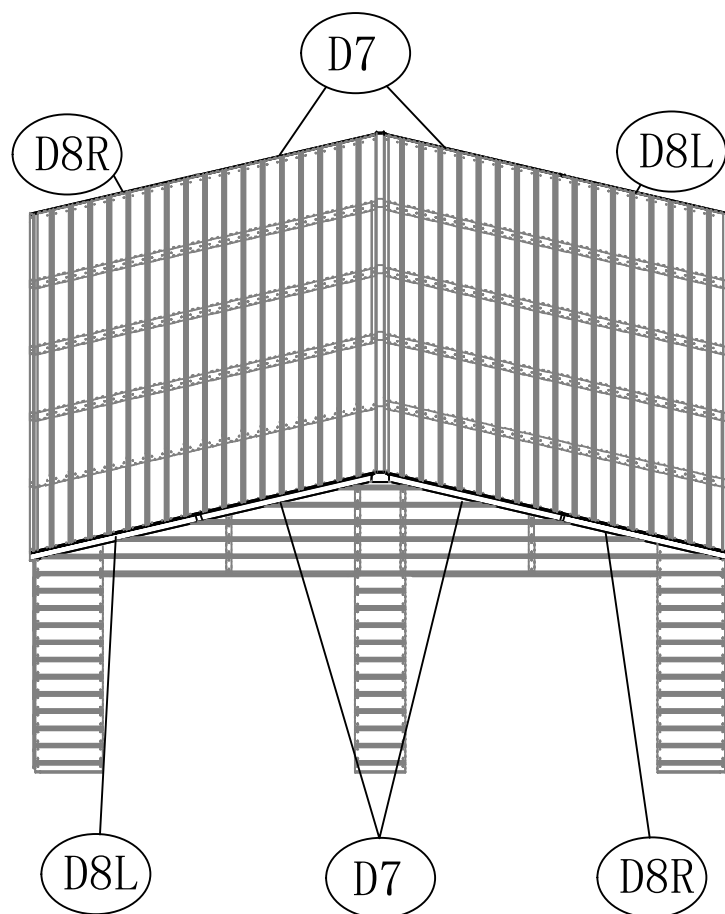
D8R X2



DG X2



F1 X34





[H] X4



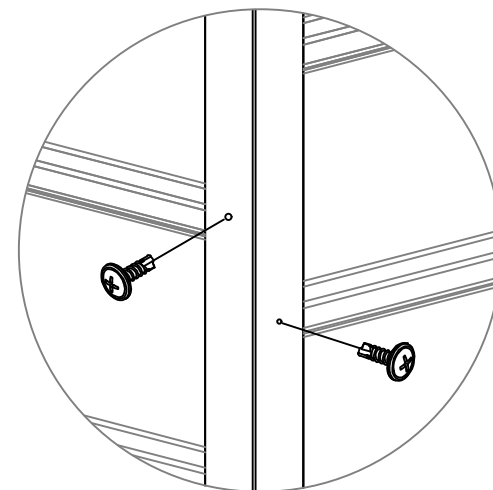
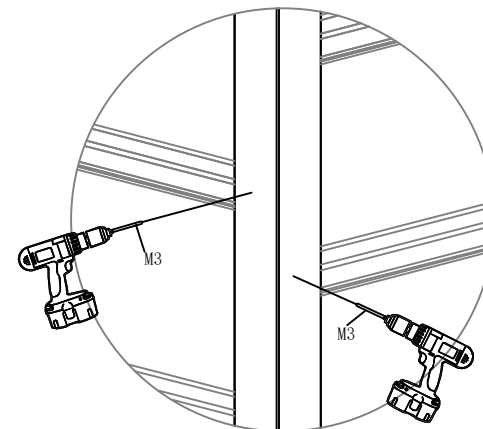
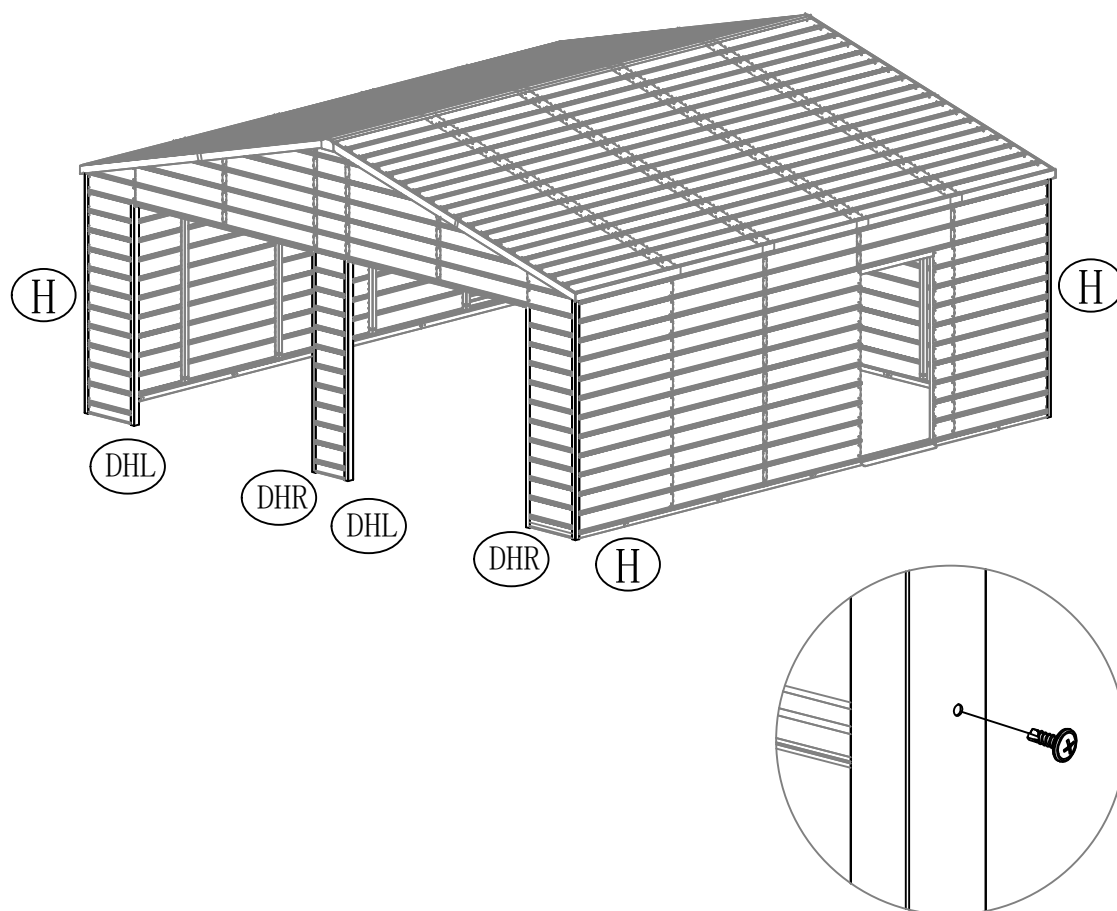
[DML] X2



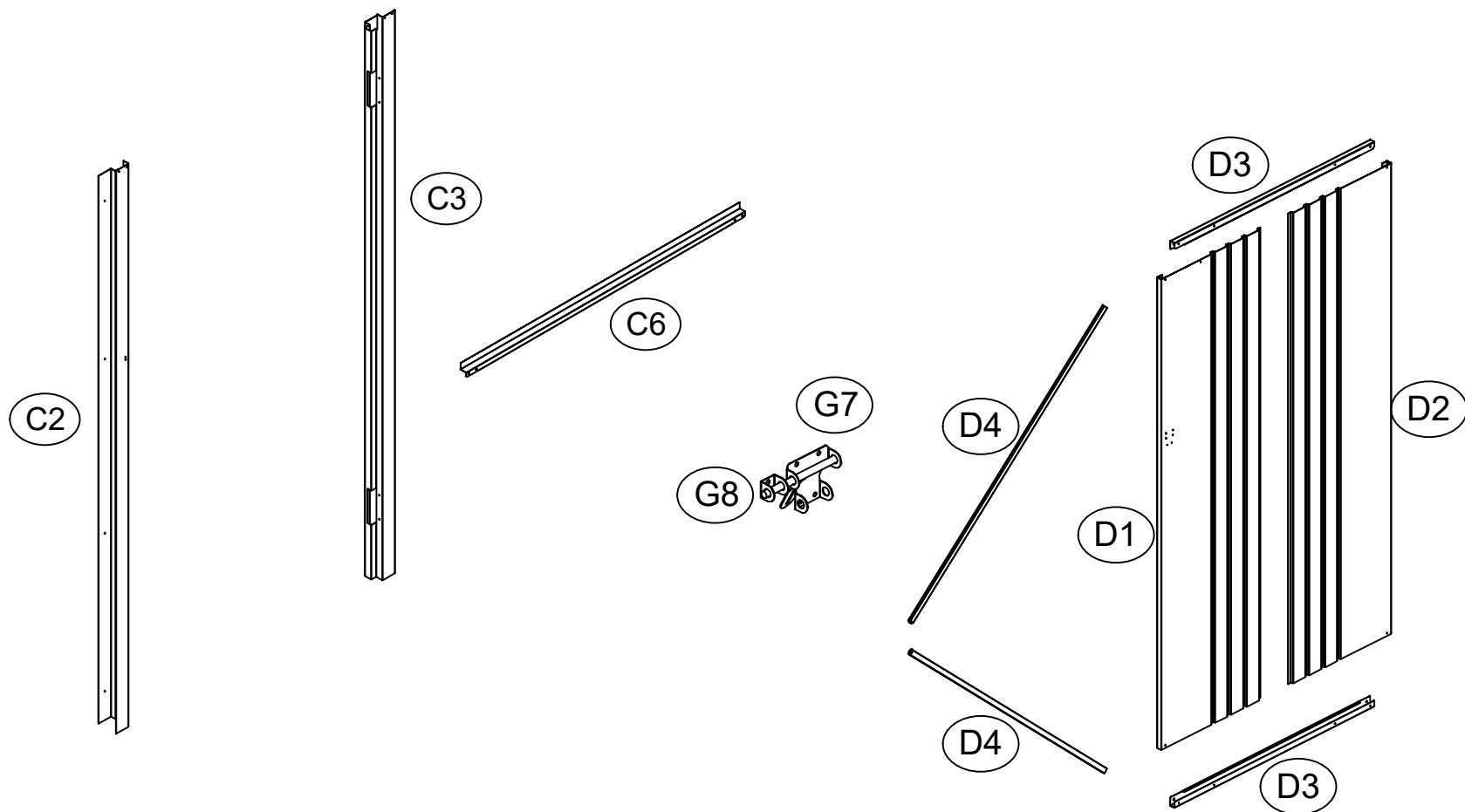
[DMR] X2



[ST4] X40



6: Side door installation





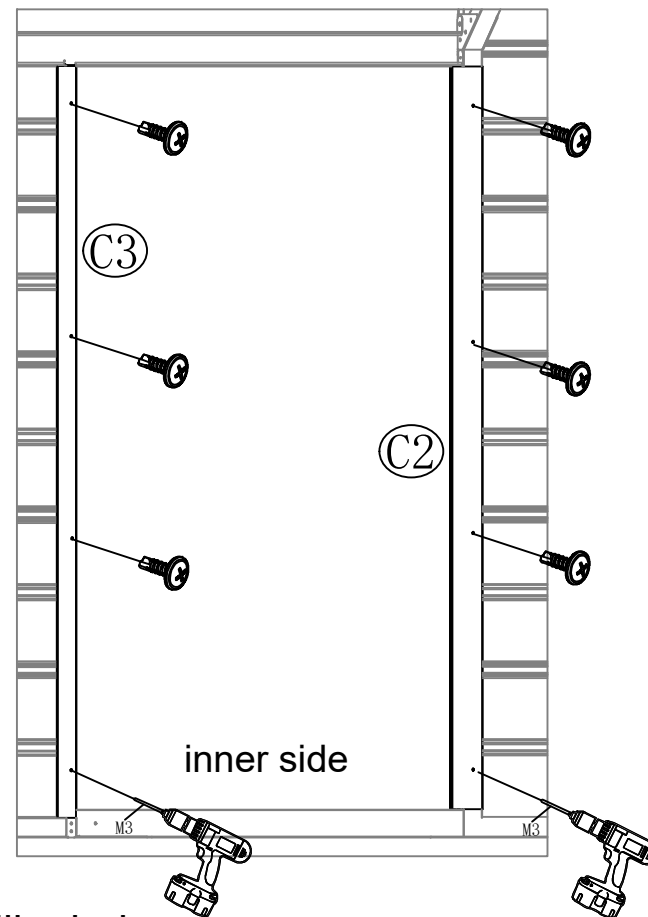
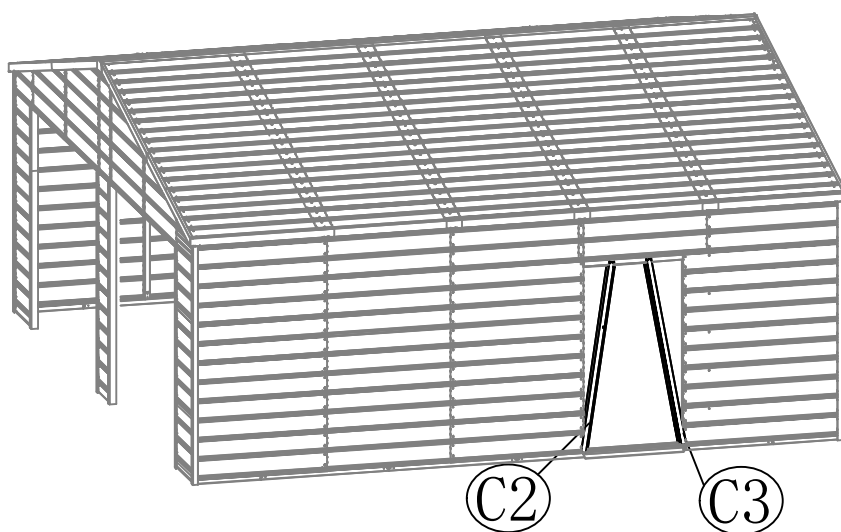
C3 X1



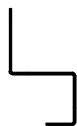
C2 X1



ST4 X8



First, use a drill bit to drill a hole

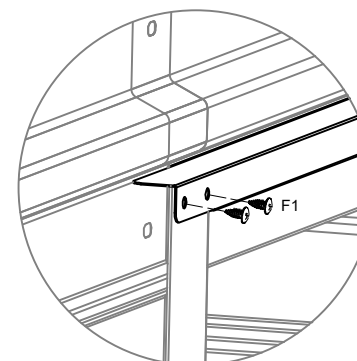
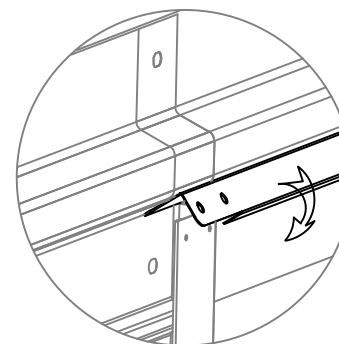
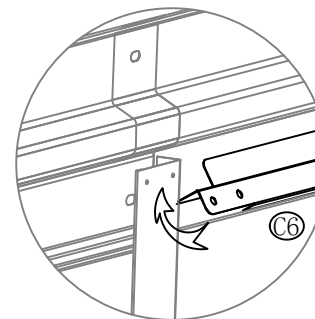
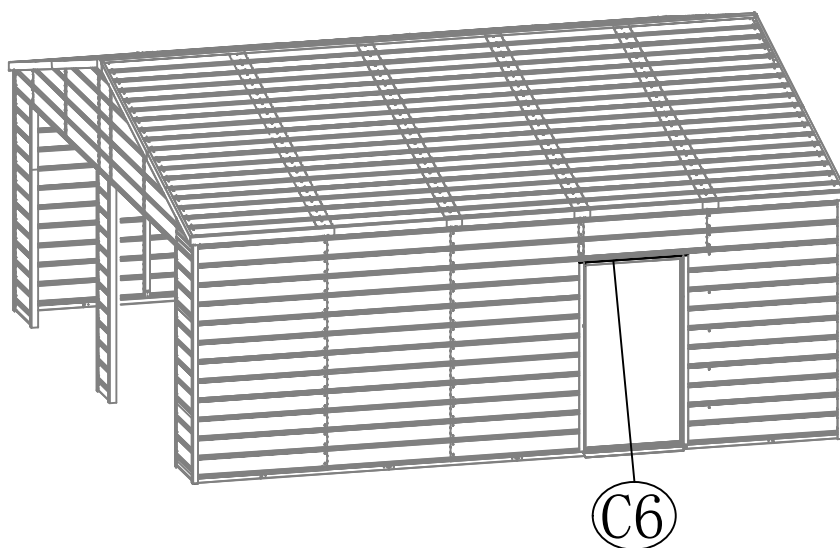


C6 X1



F1 X4

Insert the upper end of C6 into the inner side of the color steel, buckle it down, and screw in the F1 screw





D1 X1



D2 X1



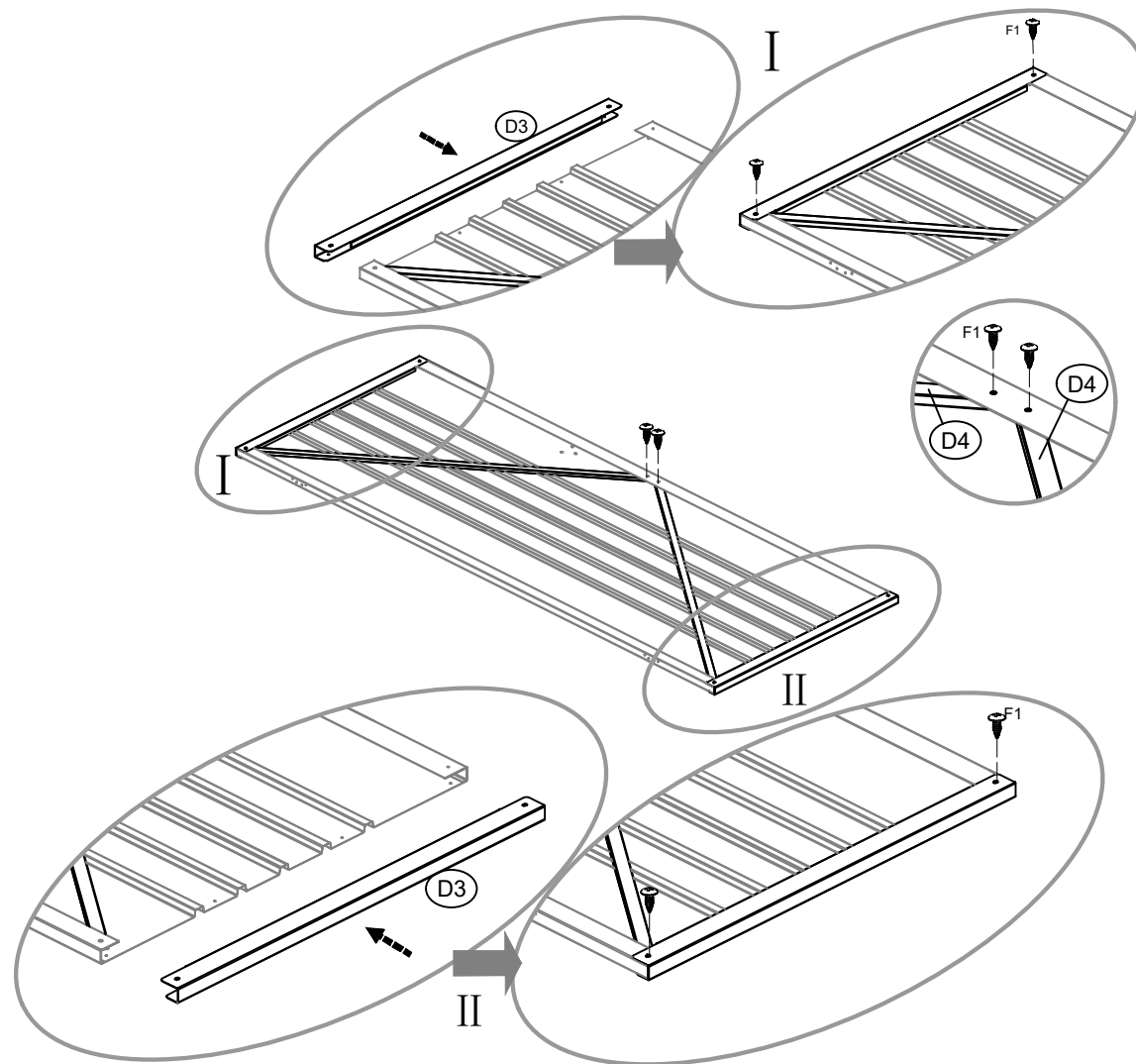
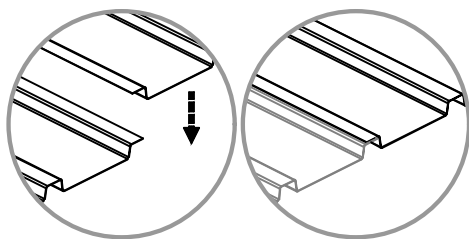
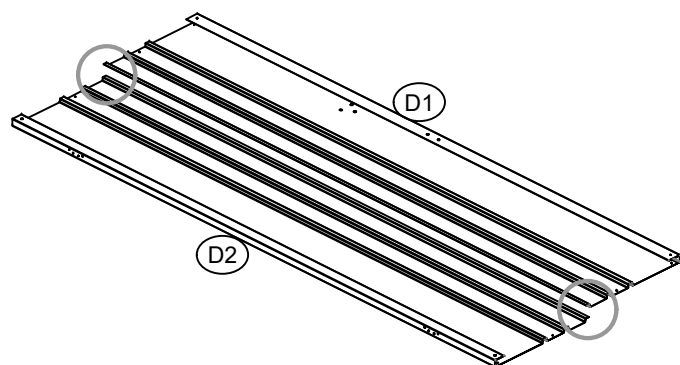
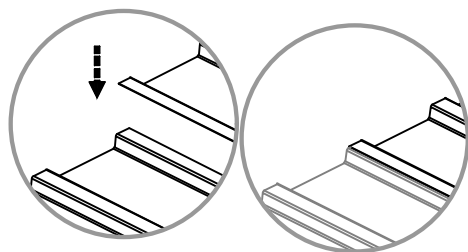
D3 X2

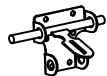


D4 X2



F1 X6

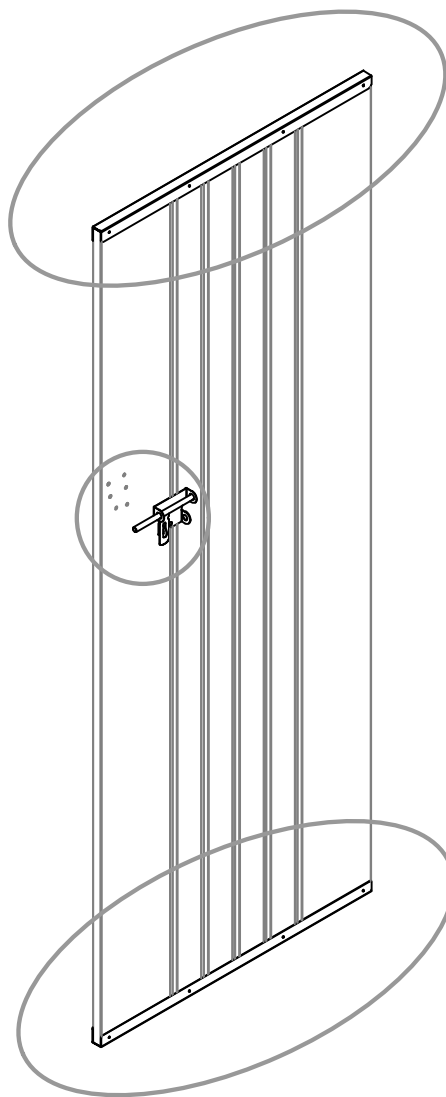
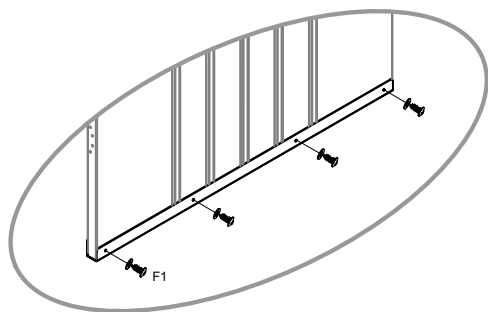
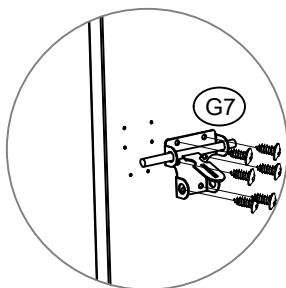
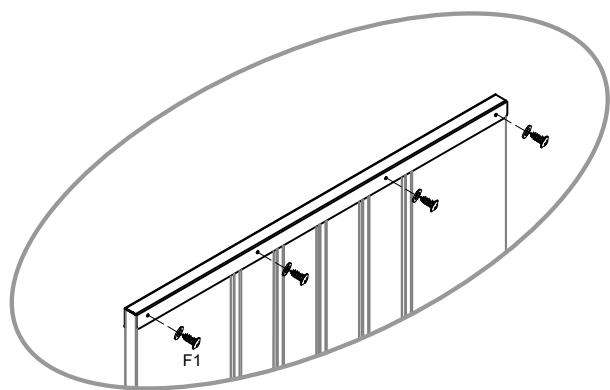




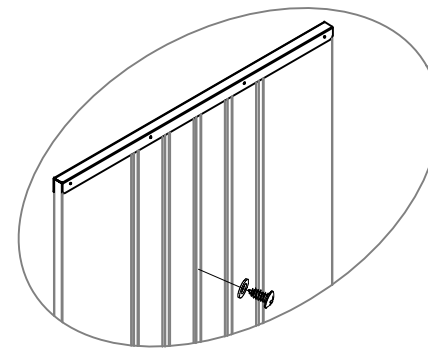
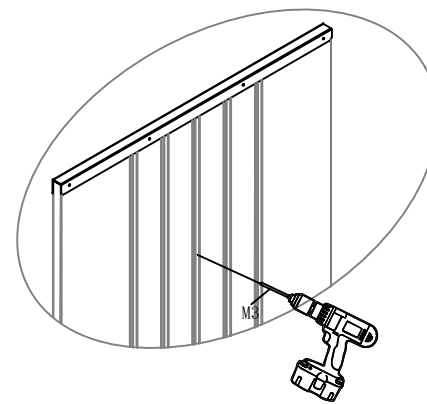
G7 X1



F1 X16



According to the situation,
screws can be reinforced on the
reinforcement to the square tube





G6 X2



F4 X16



G8 X1



F1 X2



F3 X4

