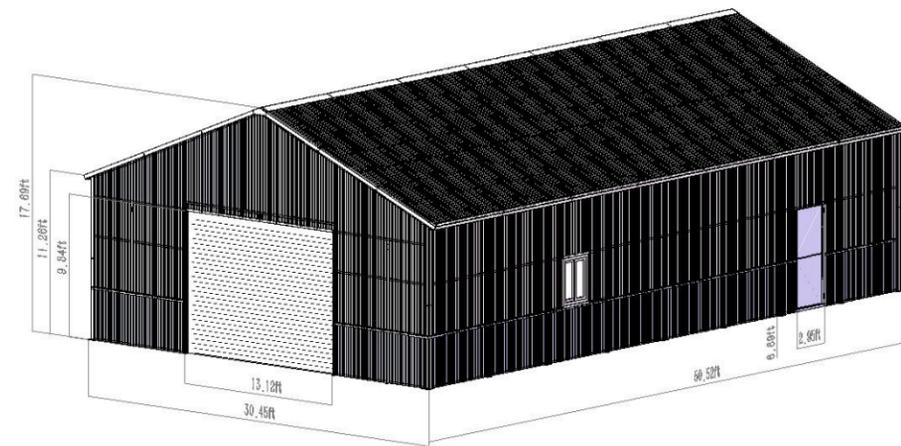


# Assembly Instructions



Model:3151-V3.0

Recommended Foundation: W31FTxD51FT

CAUTION:SOME PARTS HAVE SHARP EDGES.CARE MUST BE TAKEN WHEN HANDLING THE VARIOUS PIECES TO AVOID A MISHAP.FOR SAFETY SAKE,PLEASE READ SAFETY INFORMATION PROVIDED IN THIS MANUAL BEFORE BEGINNING CONSTRUCTION.WEAR GLOVES WHEN HANDLING METAL PARTS.

## BEFORE YOU START:

- Before beginning construction, check local building codes regarding footings, location and other requirements. Study and understand this owner's manual. Important information and helpful tips will make your construction easier and more enjoyable.
  - Instructions are supplied in this manual and contain all appropriate information for your building model. Review all instructions before you begin, and during assembly, follow the step sequence carefully for successful results.
- Identify all parts and check quantities against parts list.
- Be sure the day you select to install your building is dry and calm. Do not attempt to assemble your building on a windy day. Be careful on wet or muddy ground.
  - Whenever possible, two or more people should work together to assemble your building. One person can position parts or panels while the other is able to handle the fasteners and the tools.

## SAFETY FIRST!

Safety precautions are important to follow throughout the construction of your building

- Care must be taken when handling various pieces of your building since some contain sharp edges. Please wear work gloves, eye protection and long sleeves when assembling or performing any maintenance on your building.
- Never concentrate your total weight on the roof of the building. When using a step ladder make sure that it is fully open and on even ground before climbing on it.
- Practice caution with the tools being used in the assembly of this building. Be familiar with the operation of all power tools.
- Do not attempt to assemble the building if parts are missing because any building left partially assembled may be seriously damaged by light winds.
- Do not attempt to assemble the building on a windy day, because the large panels acting as a "sail" can be whipped about by the wind; making construction difficult and unsafe.

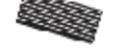
## WARRANTY REQUIREMENTS:

- Wash all surfaces annually using a hose and soft nylon brush.
- Within 2 km of coast -wash every 3 months as above. After a storm, wash the cladding and the gutters as soon as possible to remove any highly corrosive salt deposits.
- Volcanic Ash Fallout -wash as soon as possible, removing fall out from roof and gutters.
- Do not allow manures, chemicals or other corrosive materials to have direct contact with cladding.

## PARTS LIST

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A1		18	A16		2
A2		18	A17		2
A3		18	A18		2
A4		18	A19		2
A5		9	A20		1
A6		36	A21		8
A7		7	A22		6
A8		7	A23		2
A9		14	A24		2
A10		7	B1		8
A11		14	B2		8
A12		9	B3		26
A13		2	B4		2
A14		2	B5		55
A15		2	B6		16

## PARTS LIST

Item no.	Reference Image	Qty.
B7		2
B8		2
B9		2
B10		1
B11		128
P1		47
P1-1		1
P1-2		1
P1-3		2
P2		26
P2-1		2
P2-2		5
P2-3		1
P2-4		1
P2-5		1

Item no.	Reference Image	Qty.
P2-6		1
P2-7		9
P2-8		2
P3		1
P3-1		1
P3-2		1
P3-3		1
P3-4		1
P3-5		1
P3-6		1
P3-7		1
P3-8		1
P3-9		1
P3-10		1
P3-11		6

## PARTS LIST

Item no.	Reference Image	Qty.
P4		1
P4-1		1
P4-2		1
P4-3		1
P4-4		1
P4-5		1
P4-6		1
P4-7		1
P4-8		1
P4-9		1
P4-10		1
P5		34
P5-1		34
P6		2
Z1		18

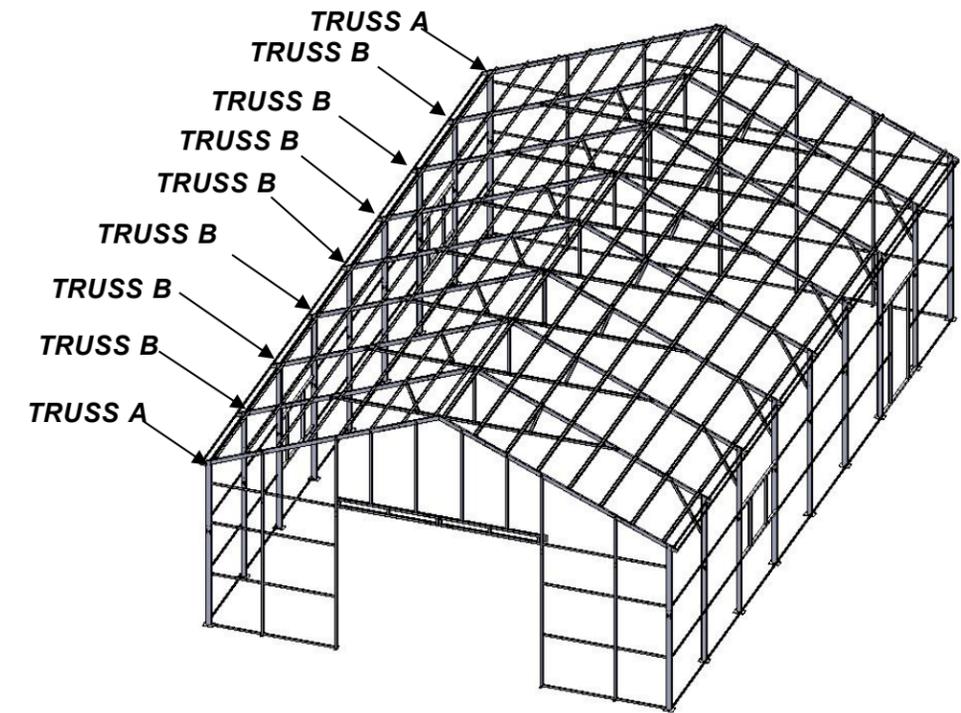
Item no.	Reference Image	Qty.
Z1-1		24
Z3		7
Z4		2
Z5		2
Z5-1		2
Z5-2		6
Z5-3		1
Z5-4		6
Z5-5		6
Z6		2
Z6-1		2
Z7		3
Z8		1
Z10		45
Z10-1		4

## PARTS LIST

Item no.	Reference Image	Qty.
L1		70
L2		40
L3		234
L4		1
L6		2
L7		1
L8		2
L9		1
L10		2
S1		1809
S1-1		1826
S2		181
S2-1		36
S2-2		6
S2-3		90

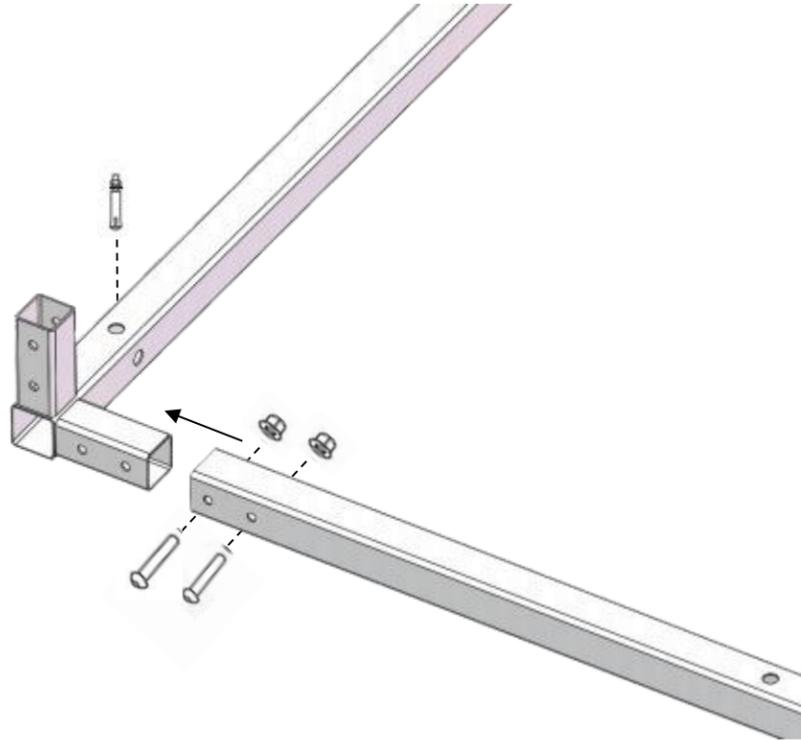
## FRAME

Item no.	Reference Image	Qty.
S3		12
S4		90
S5	waterproof tape 	3

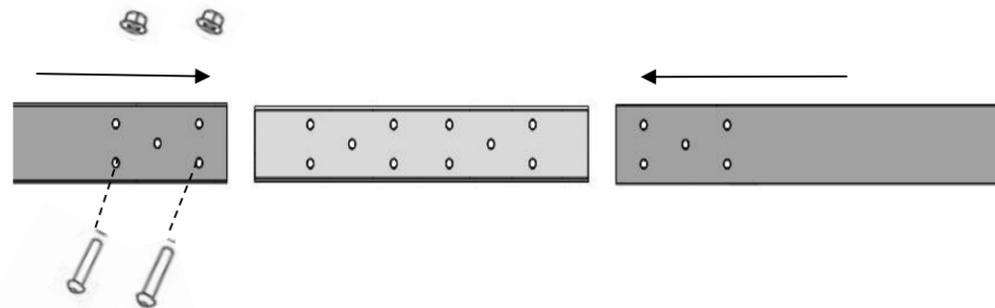


## Tip

General connection method for square tubes.



If you encounter difficulty inserting the connecting tube, please use a file to remove the burrs on the head of the square tube

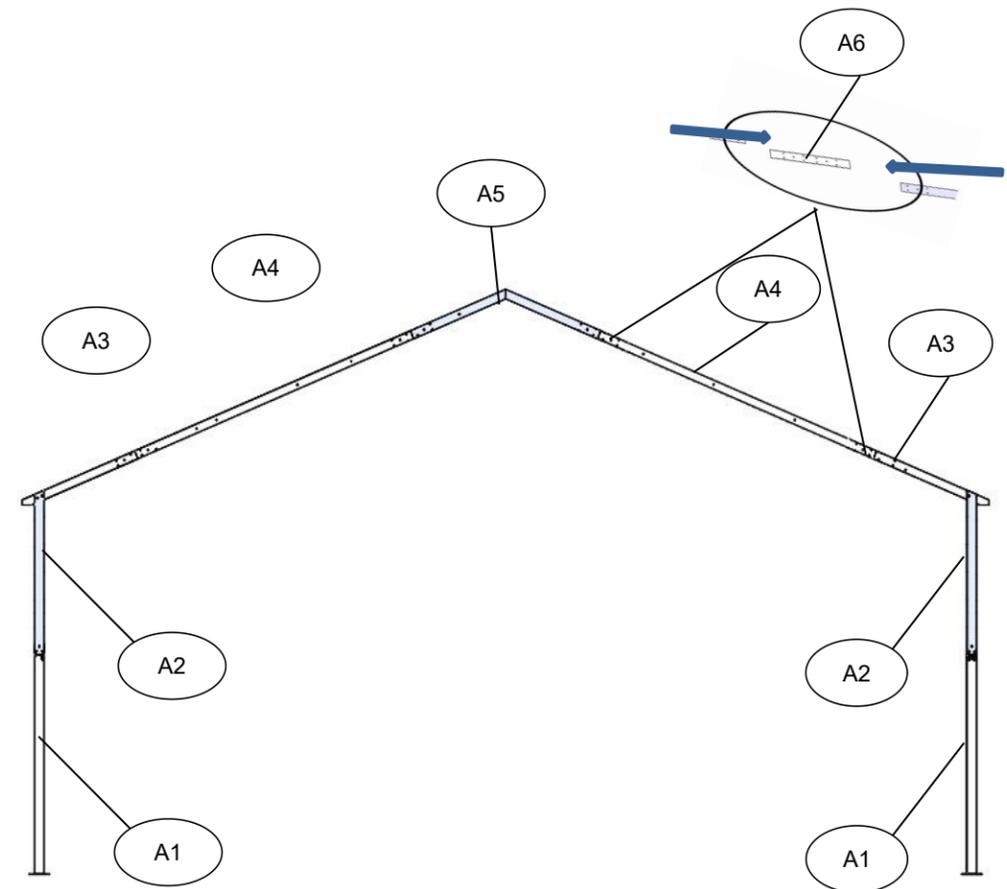


## Step 1

A1x4 A2x4 A3x4 A4x4 A5x2 A6x8 S2-3x20 S2-1x80

1. Refer to the foundation structure Figure, draw lines on the ground for positioning, all dimension lines are drawn from the center of the pipe to the center.
2. Fixed on the ground with (S4) expansion bolts.
3. Check the dimensions to ensure that the installation direction and position of each component are correct.

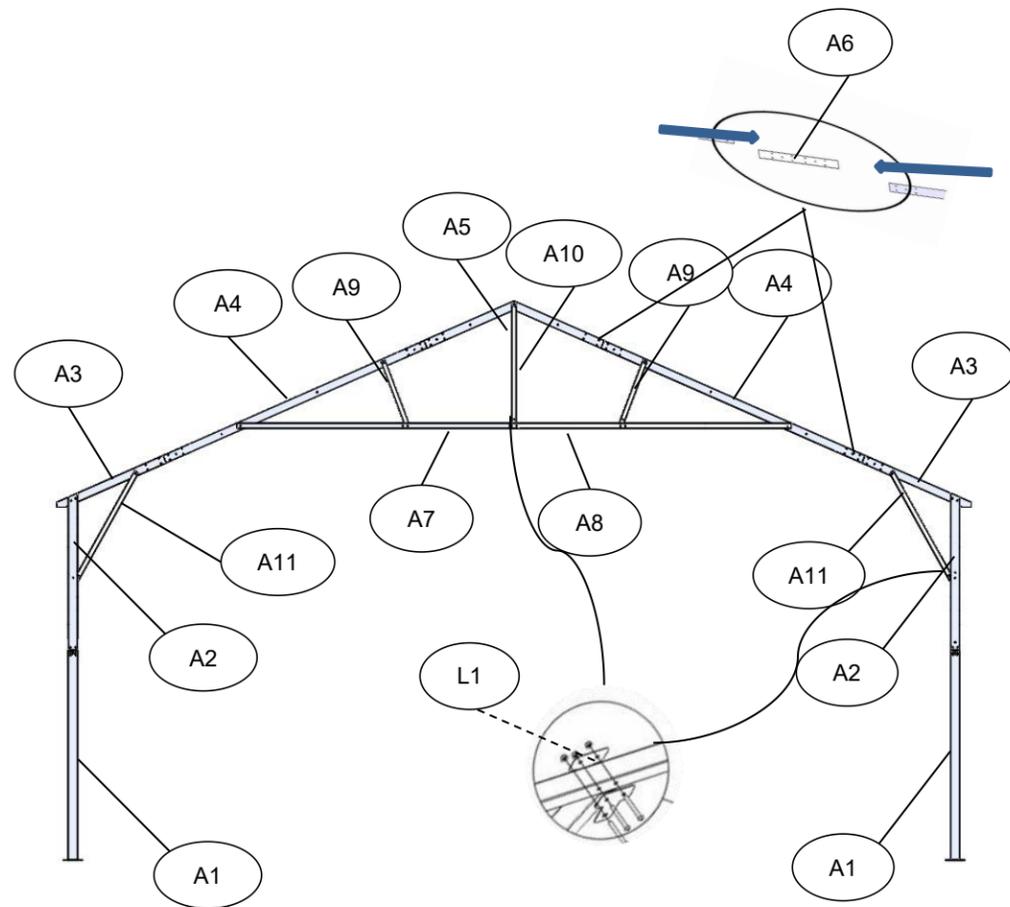
### TRUSS A × 2



## Step 2

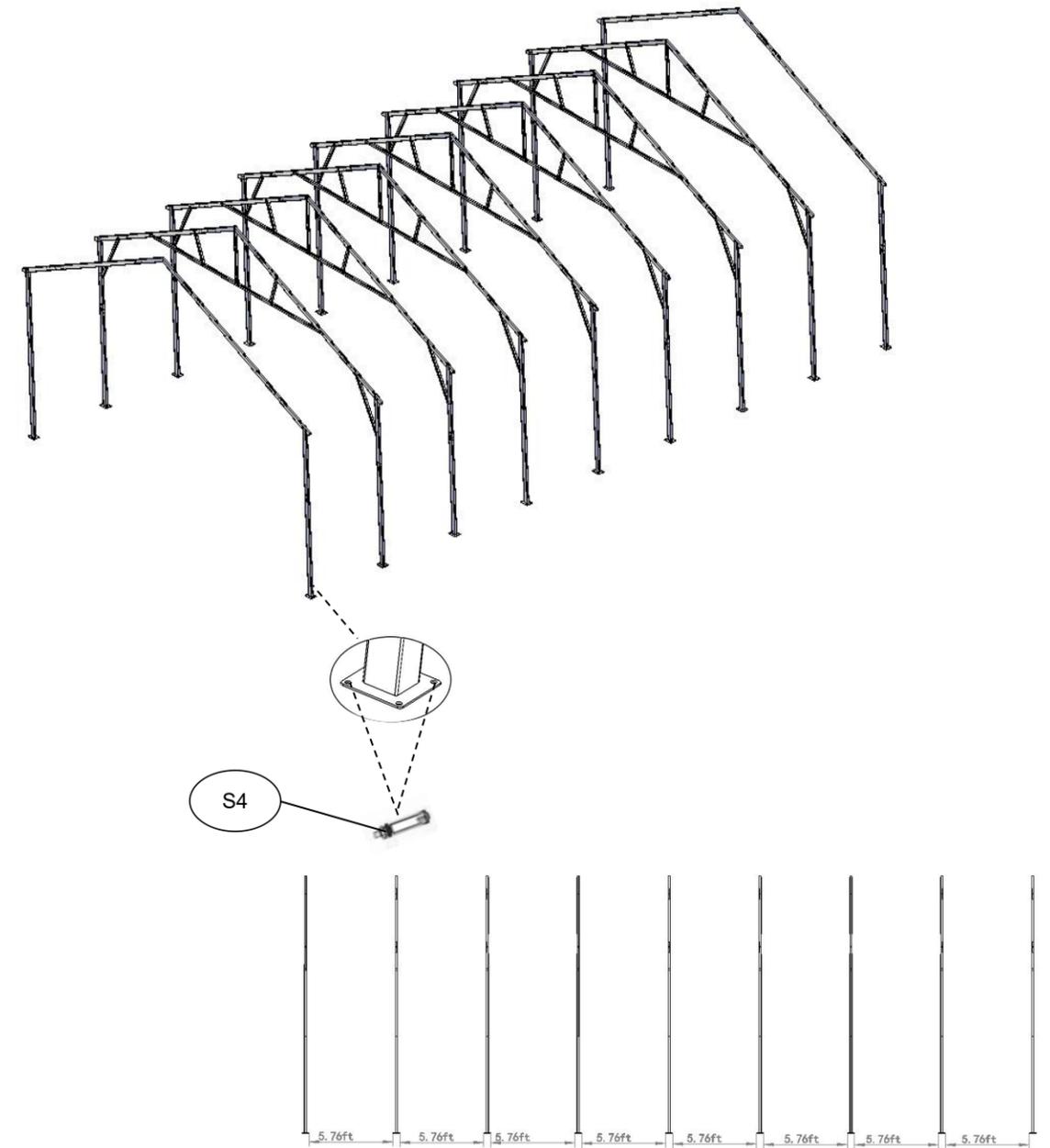
A1x14 A2x14 A3x14 A4x14 A5x7 A6x28 A7x7 A8x7 A9x14 A10x7 A11x14 L1x70  
S1x84 S2x147 S2-1x280 S2-3x70

TRUSS B × 7



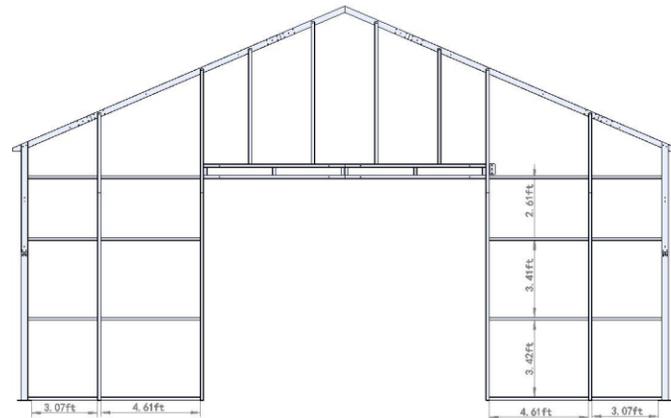
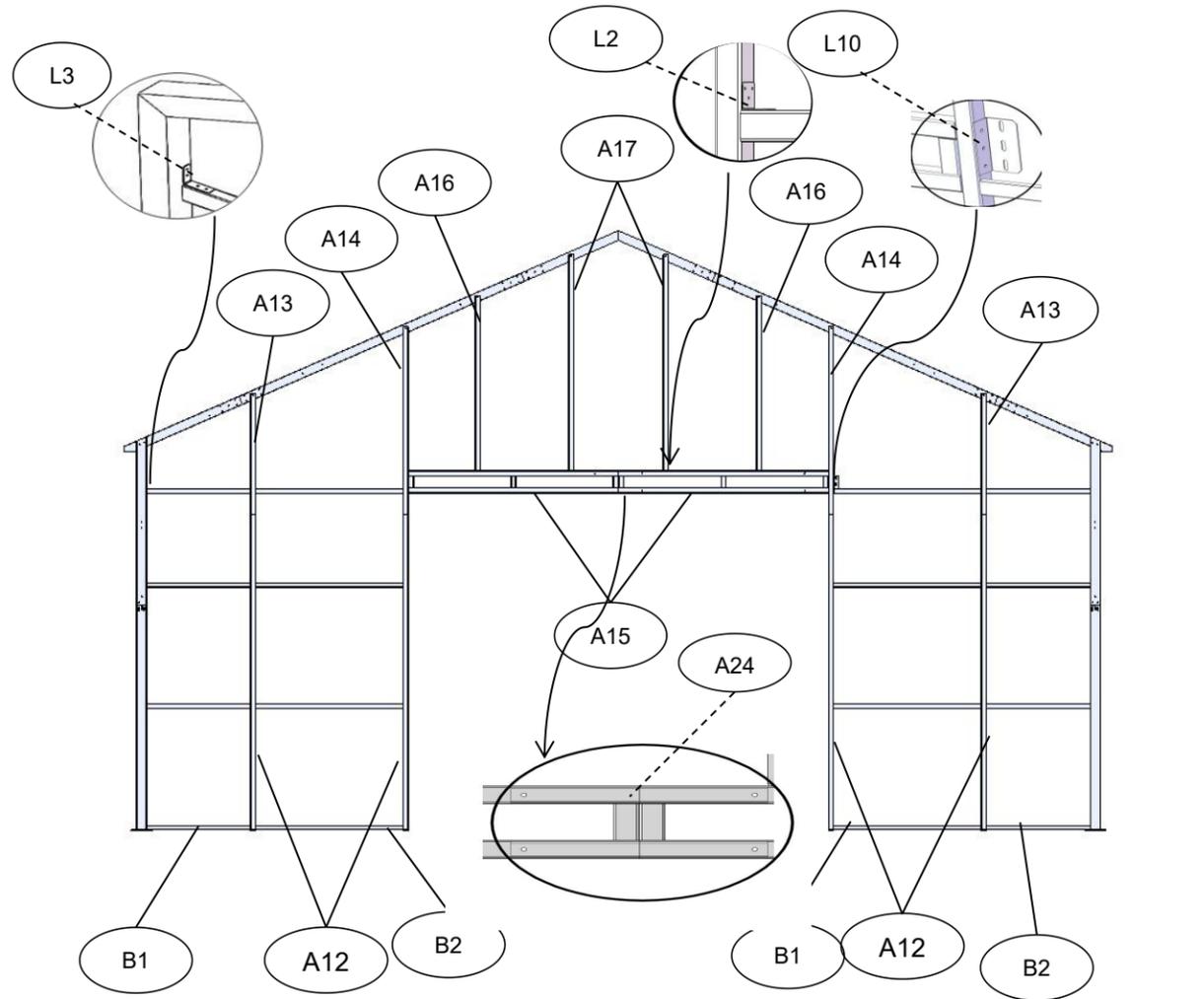
## Step 3

S4x72



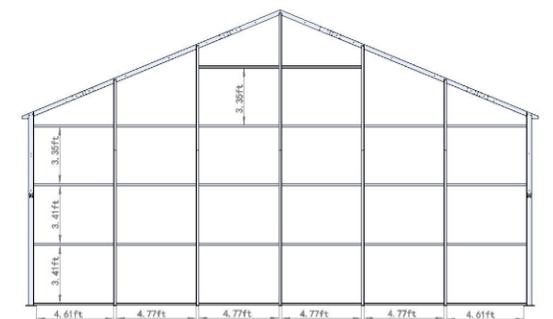
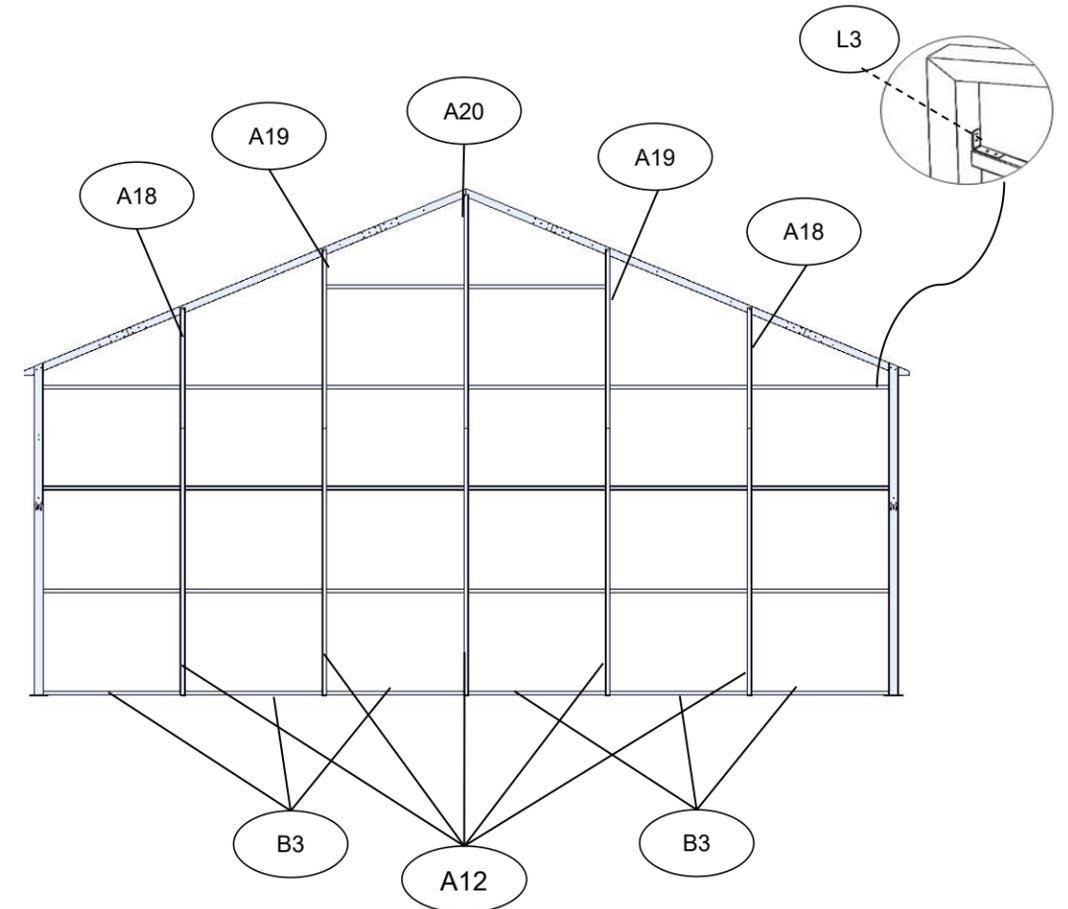
## Step 4

A12x4 A13x2 A14x2 A15x2 A16x2 A17x2 A24x2 B1x8 B2x8 L2x8 L3x32 L10x2  
S1x176 S2x20 S2-2x6 S4x8



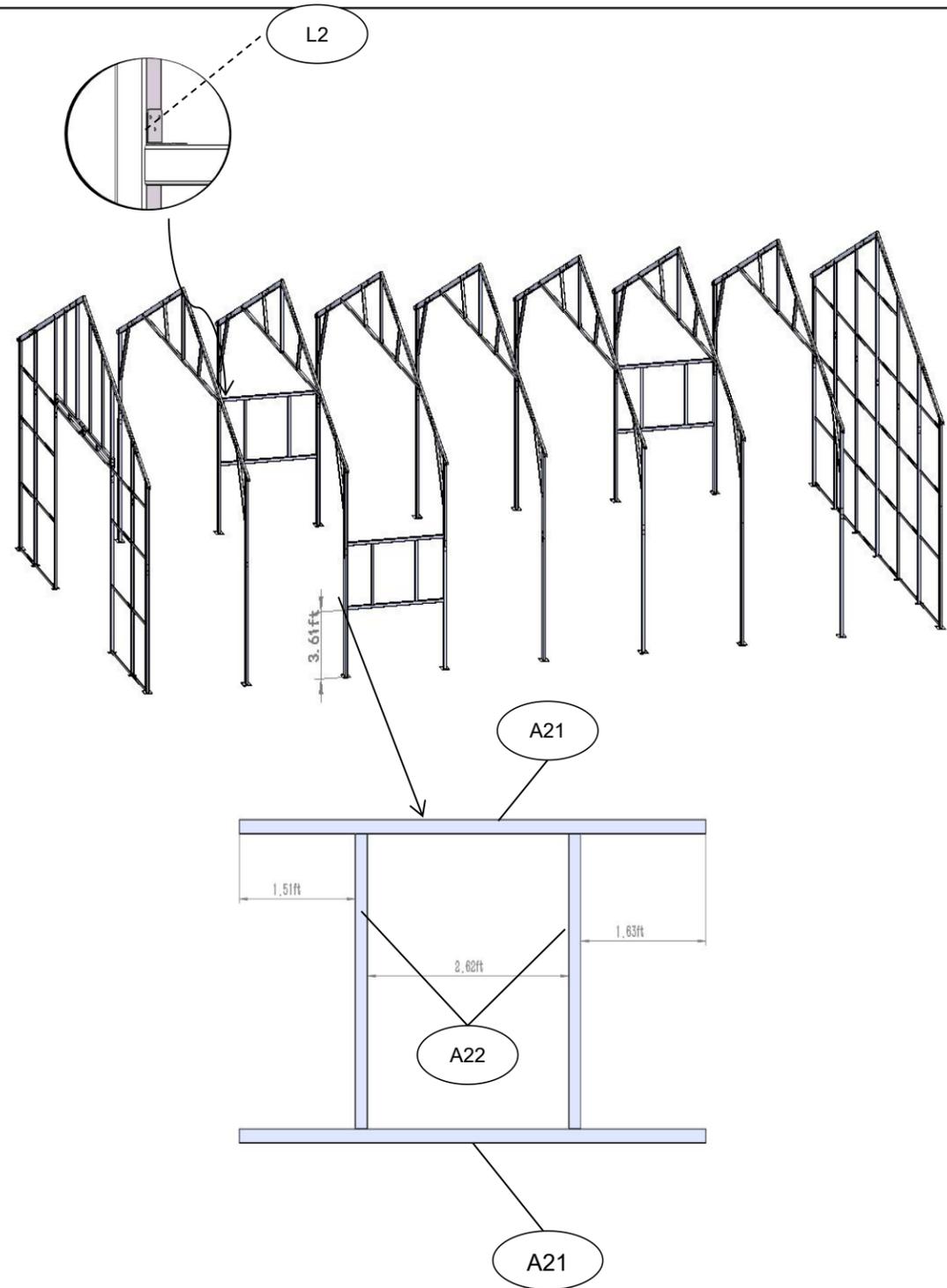
## Step 5

A12x5 A18x2 A19x2 A20x1 B3x26 L3x52 S1x216 S2x14 S4x10



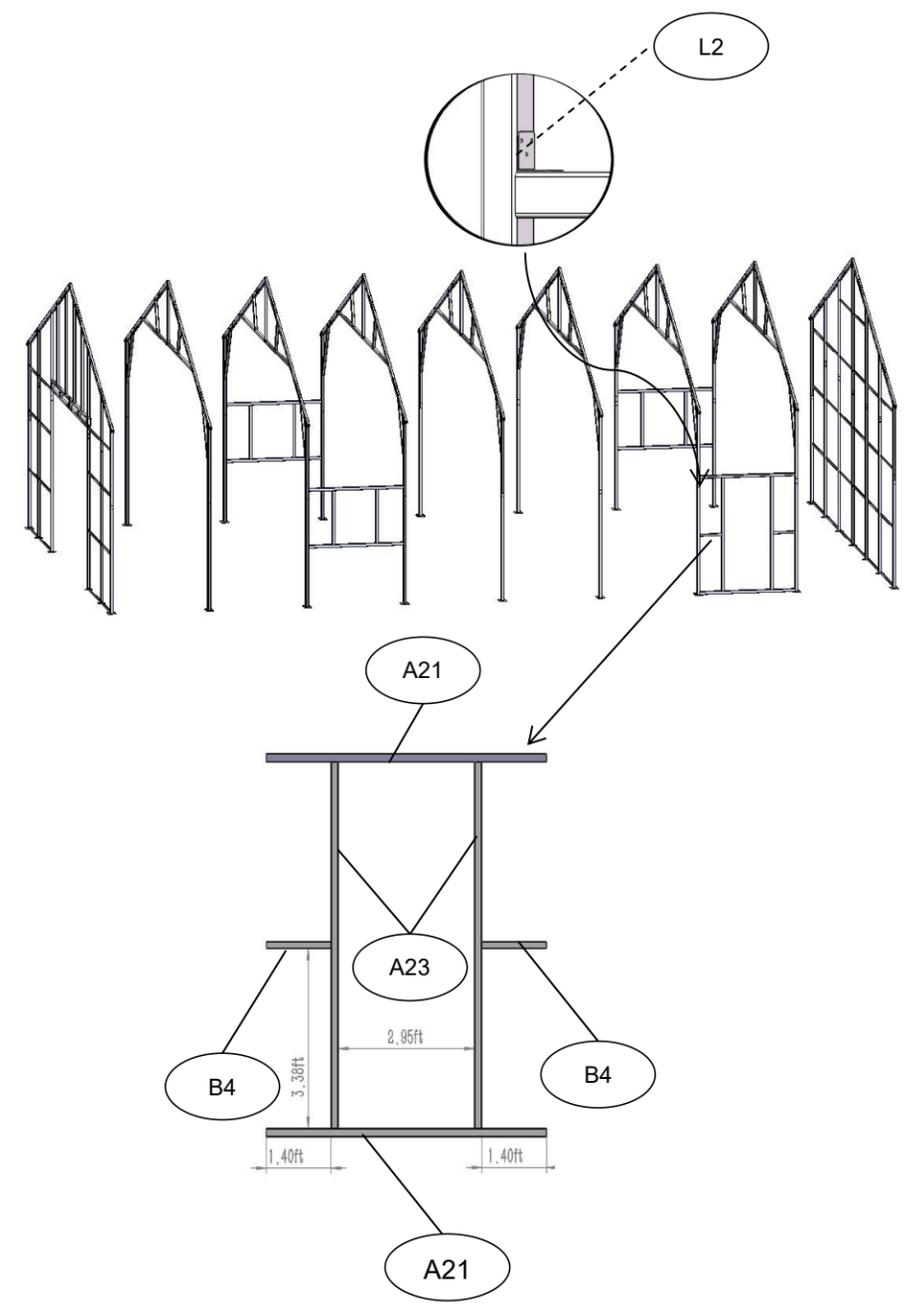
# Step 6

A21x6 A22x6 L2x24 S1x144



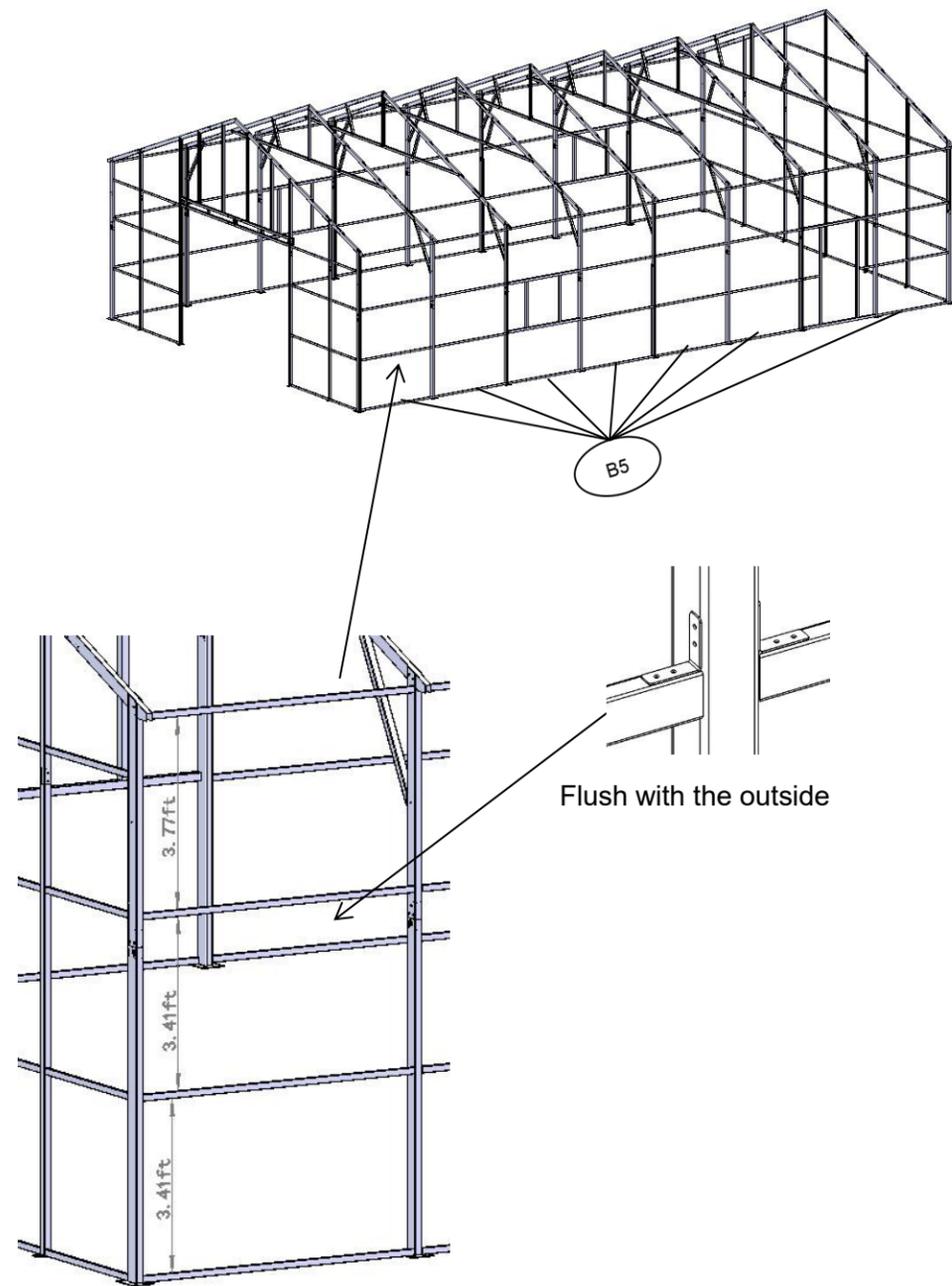
# Step 7

A21x2 A23x2 B4x2 L2x8 L3x4 S1x64



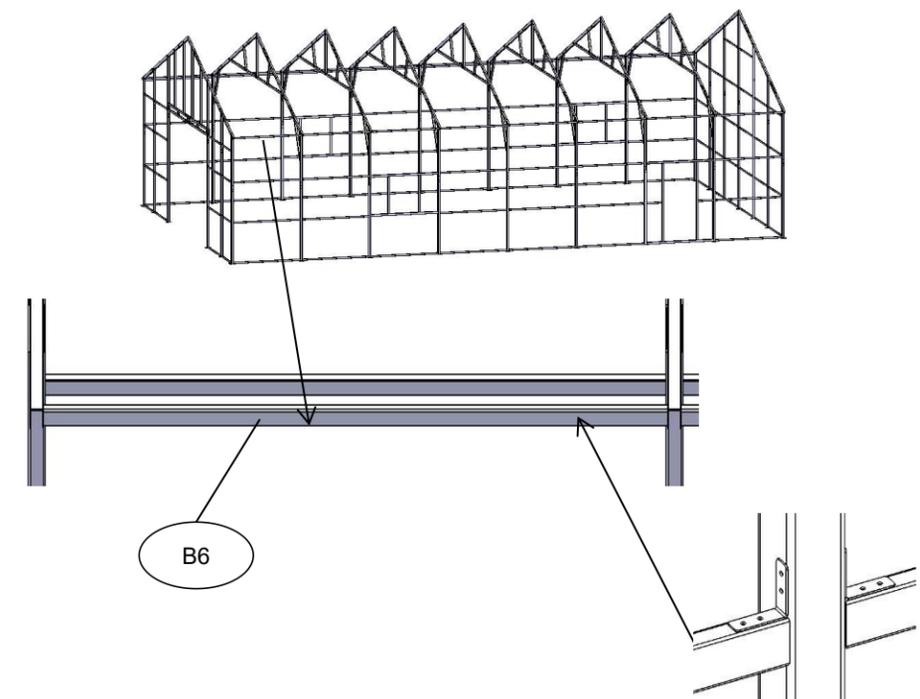
# Step 8

B5x55 L3x110 S1x440



# Step 9

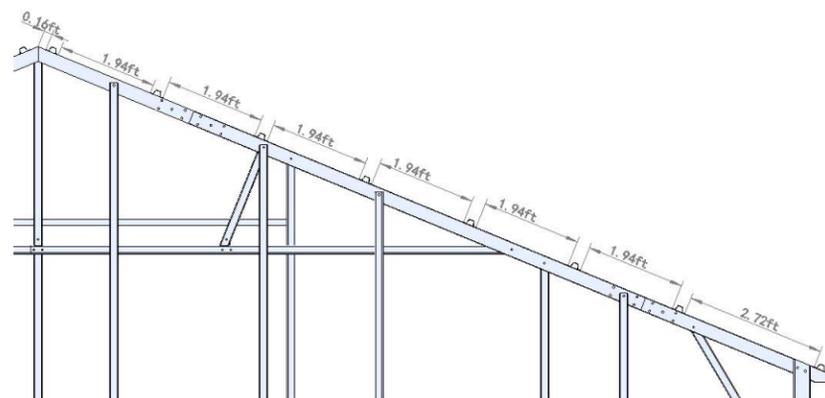
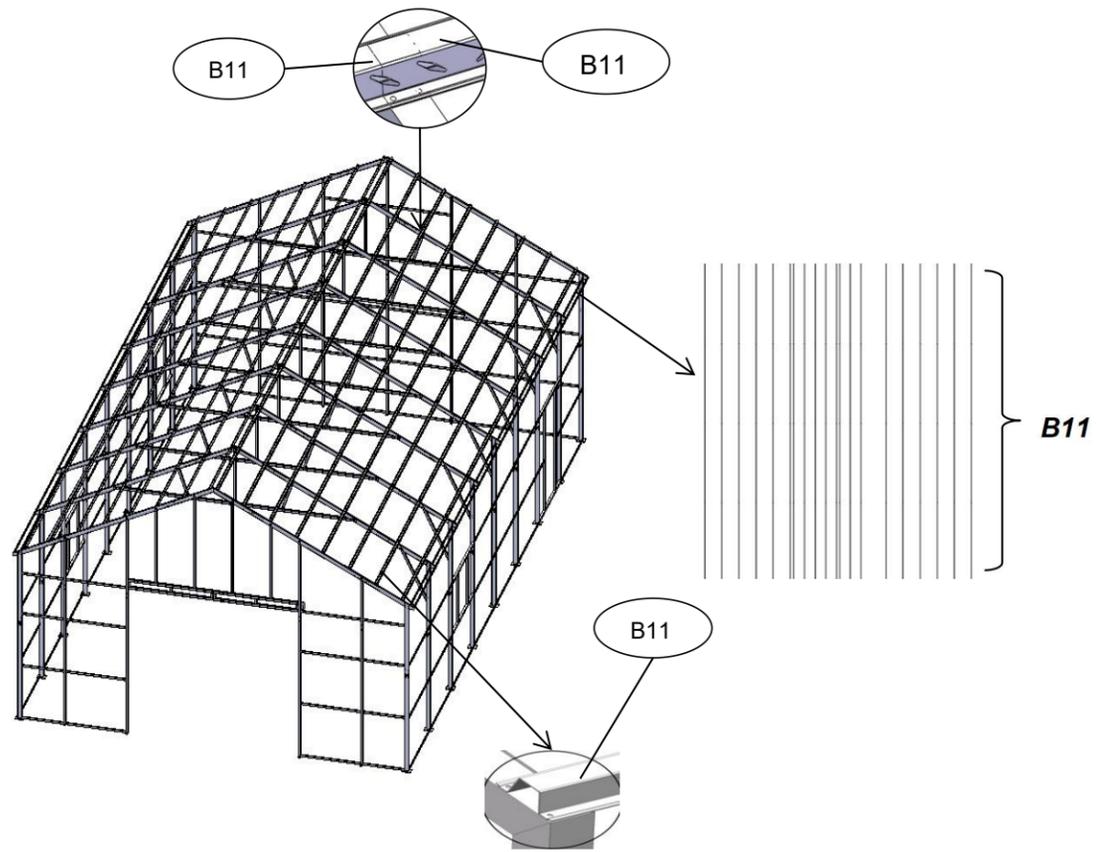
B6x16 L3x32 S1x128



# Step 10

B11x128 S1x512

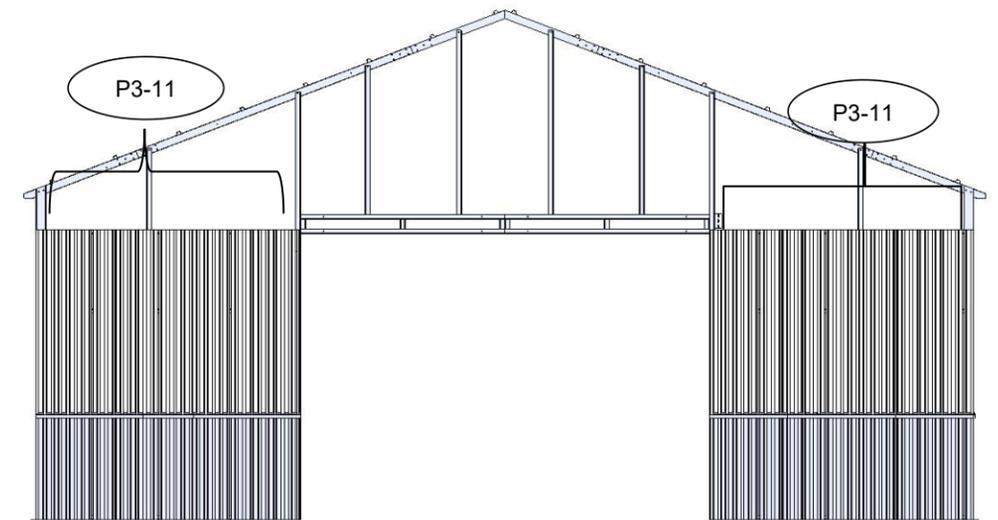
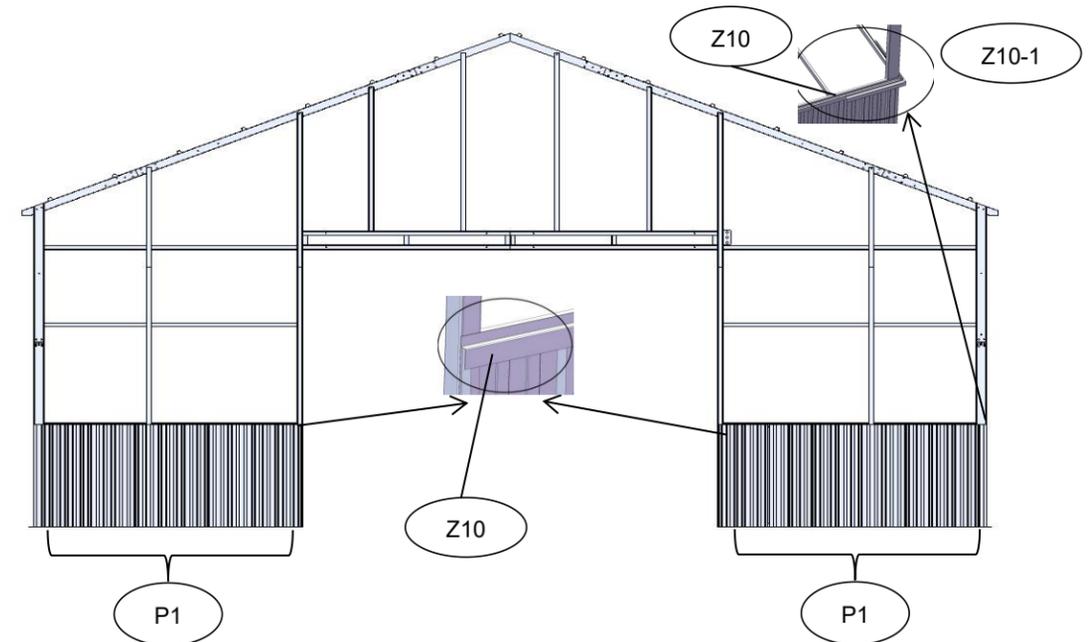
⚠ When two panels overlap, make sure upper panel covers the lower panel.



# Step 11

P1x6 P3-11x6 Z10x4 Z10-1x2 S1-1x76

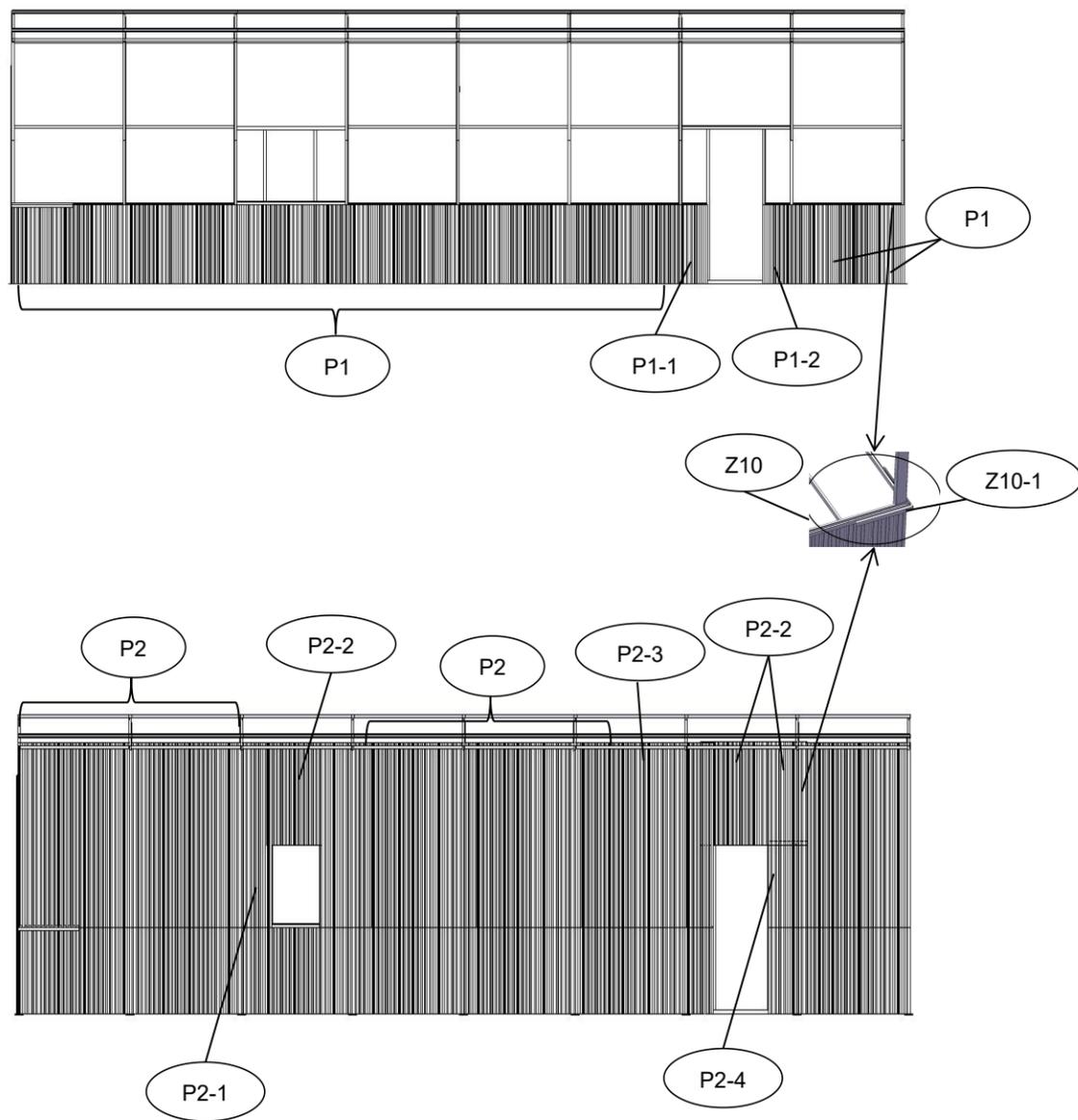
⚠ When two panels overlap, make sure upper panel covers the lower panel.



## Step 12

P1x15 P1-1x1 P1-2x1 P2x13 P2-1x1 P2-2x3 P2-3x1 P2-4x1 Z10x15 Z10-1x1 S1-1x 220

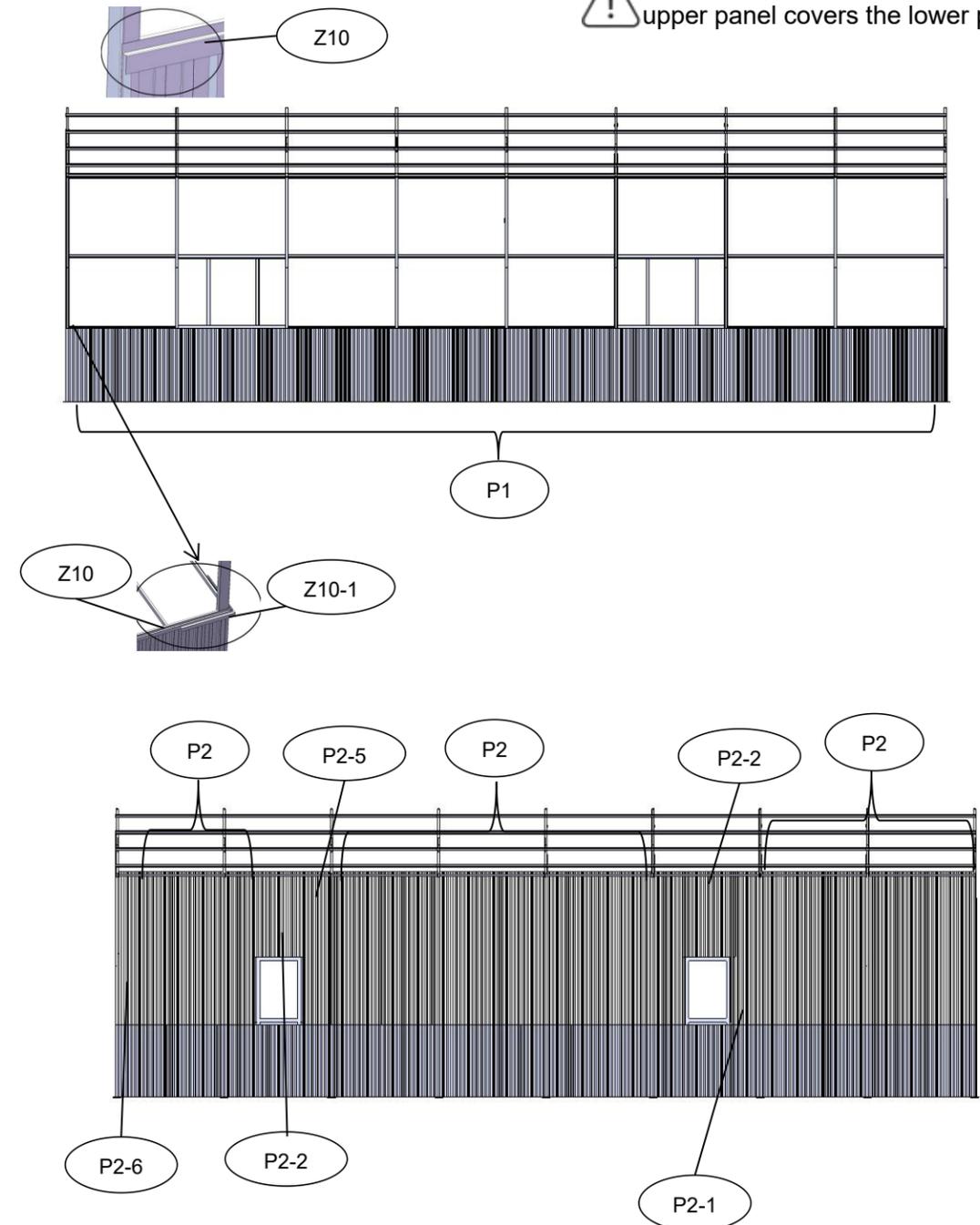
⚠ When two panels overlap, make sure upper panel covers the lower panel.



## Step 13

P1x17 P2x13 P2-1x1 P2-2x2 P2-5x1 P2-6x1 Z10x16 Z10-1x1 S1-1x214

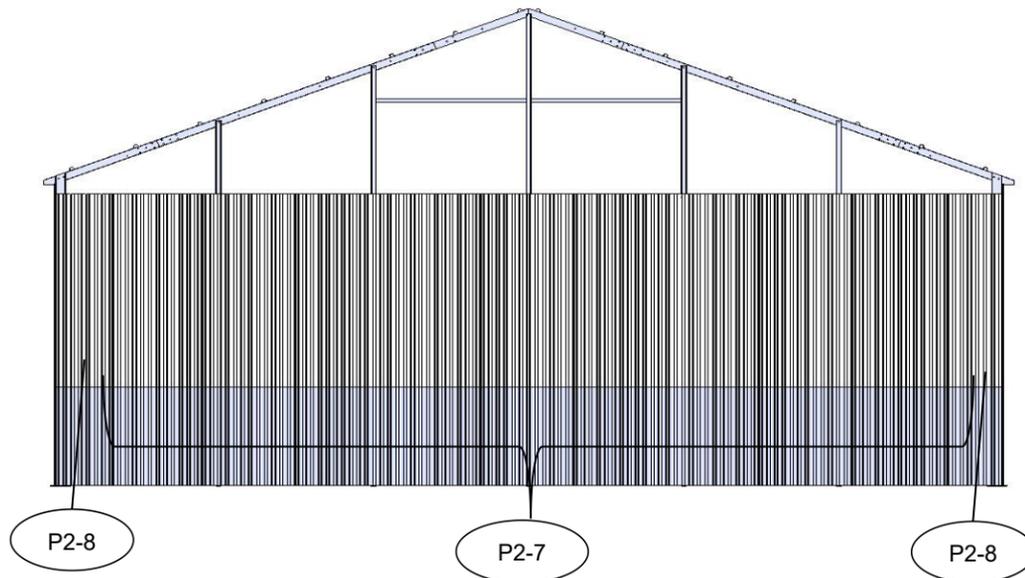
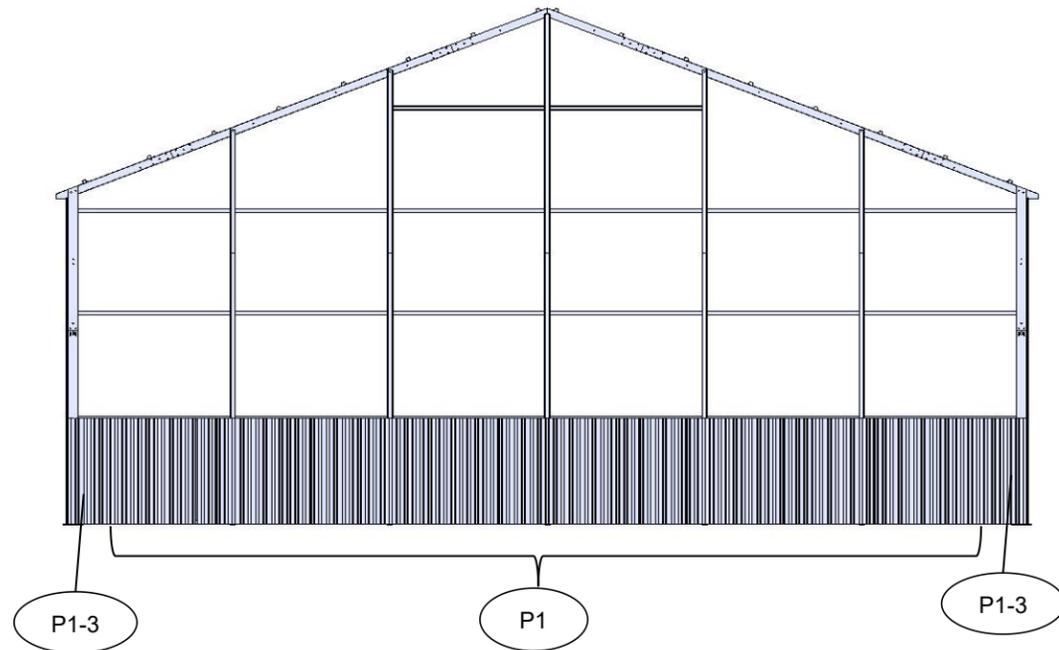
⚠ When two panels overlap, make sure upper panel covers the lower panel.



# Step 14

P1x9 P1-3x2 P2-7x9 P2-8x2 Z10x10 S1-1x128

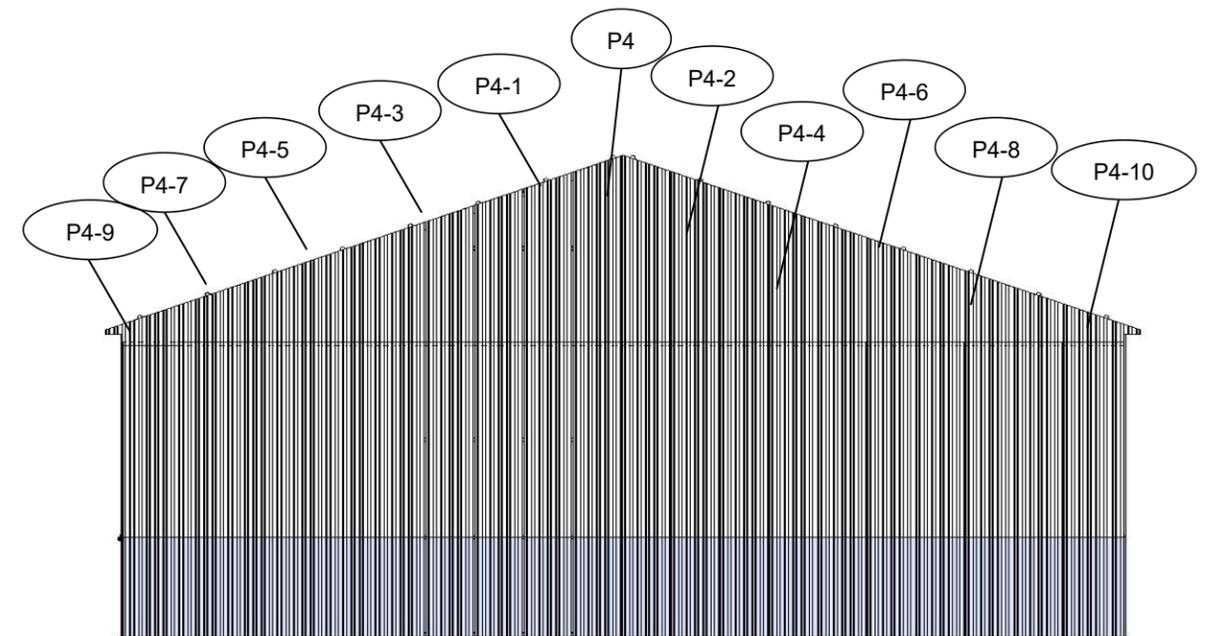
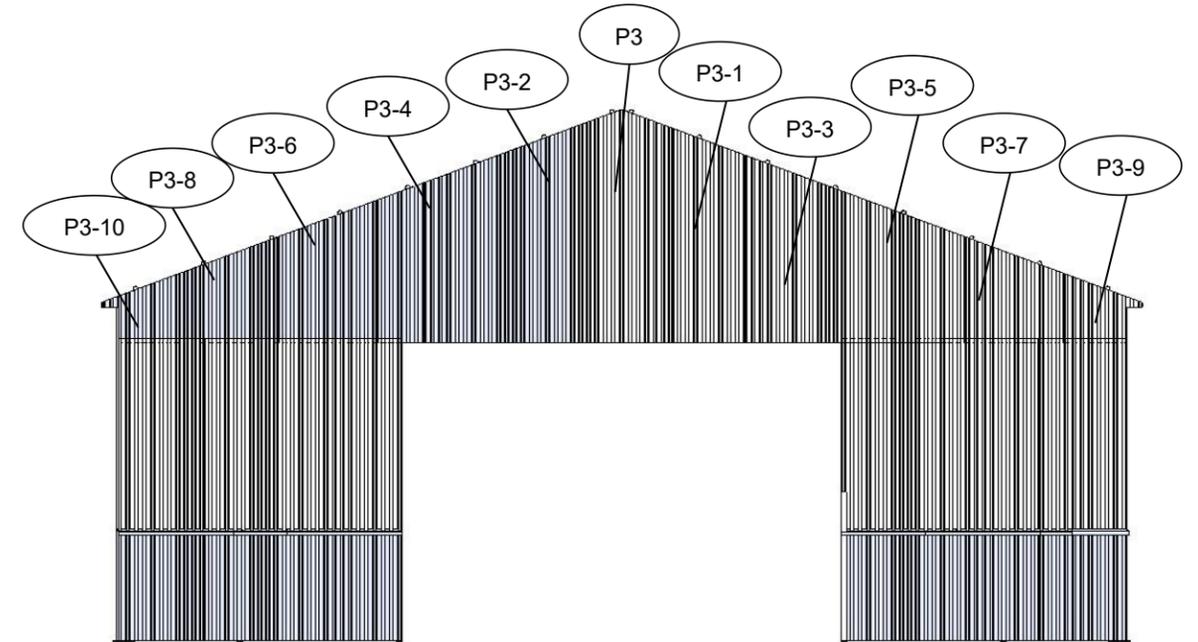
⚠ When two panels overlap, make sure upper panel covers the lower panel.



# Step 15

P3x1 P3-1x1 P3-2x1 P3-3x1 P3-4x1 P3-5x1 P3-6x1 P3-7x1 P3-8x1 P3-9x1  
P3-10x1 S1-1X88

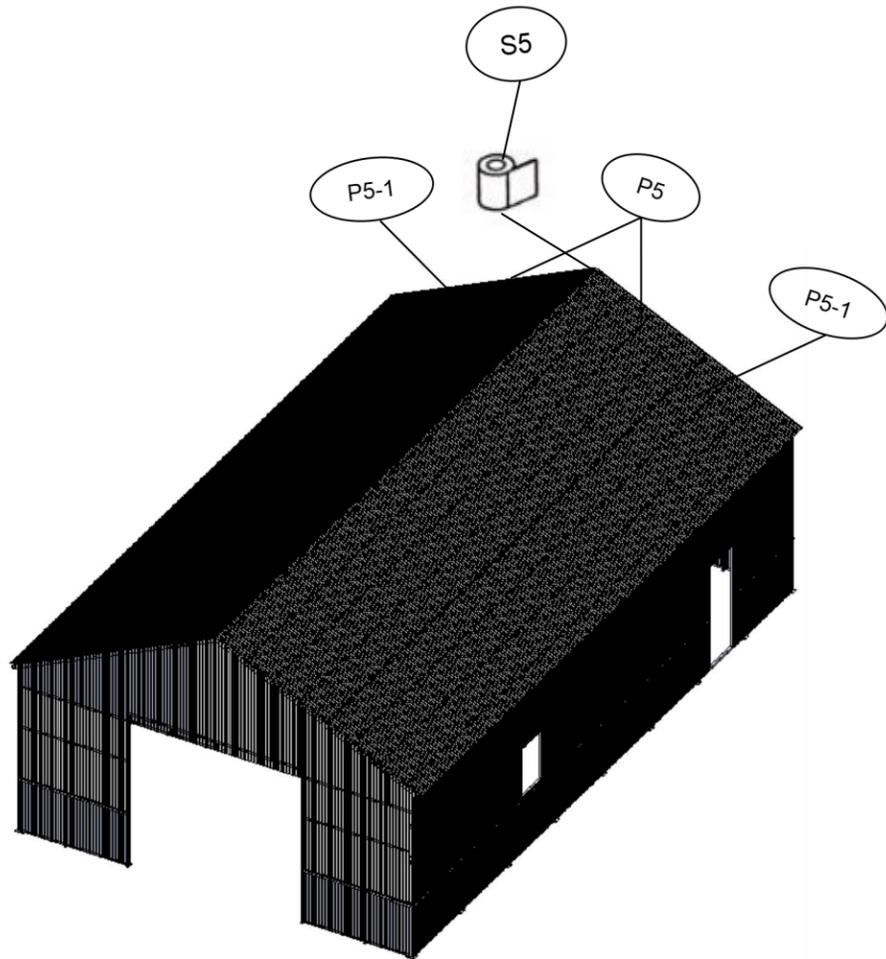
⚠ When two panels overlap, make sure upper panel covers the lower panel.



# Step 16

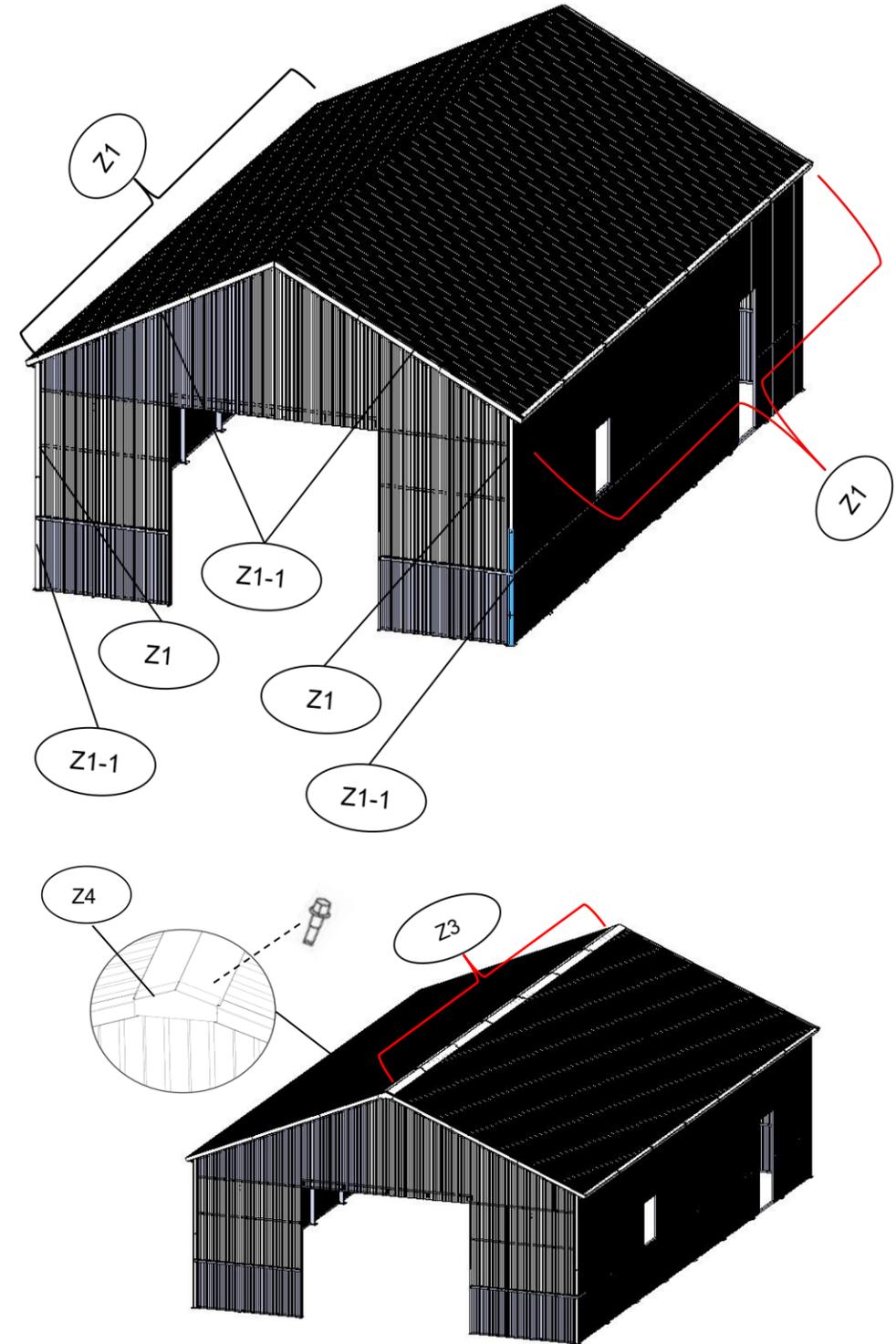
P5x34 P5-1x34 Z5x3 S1-1x412

⚠ When two panels overlap, make sure upper panel covers the lower panel.



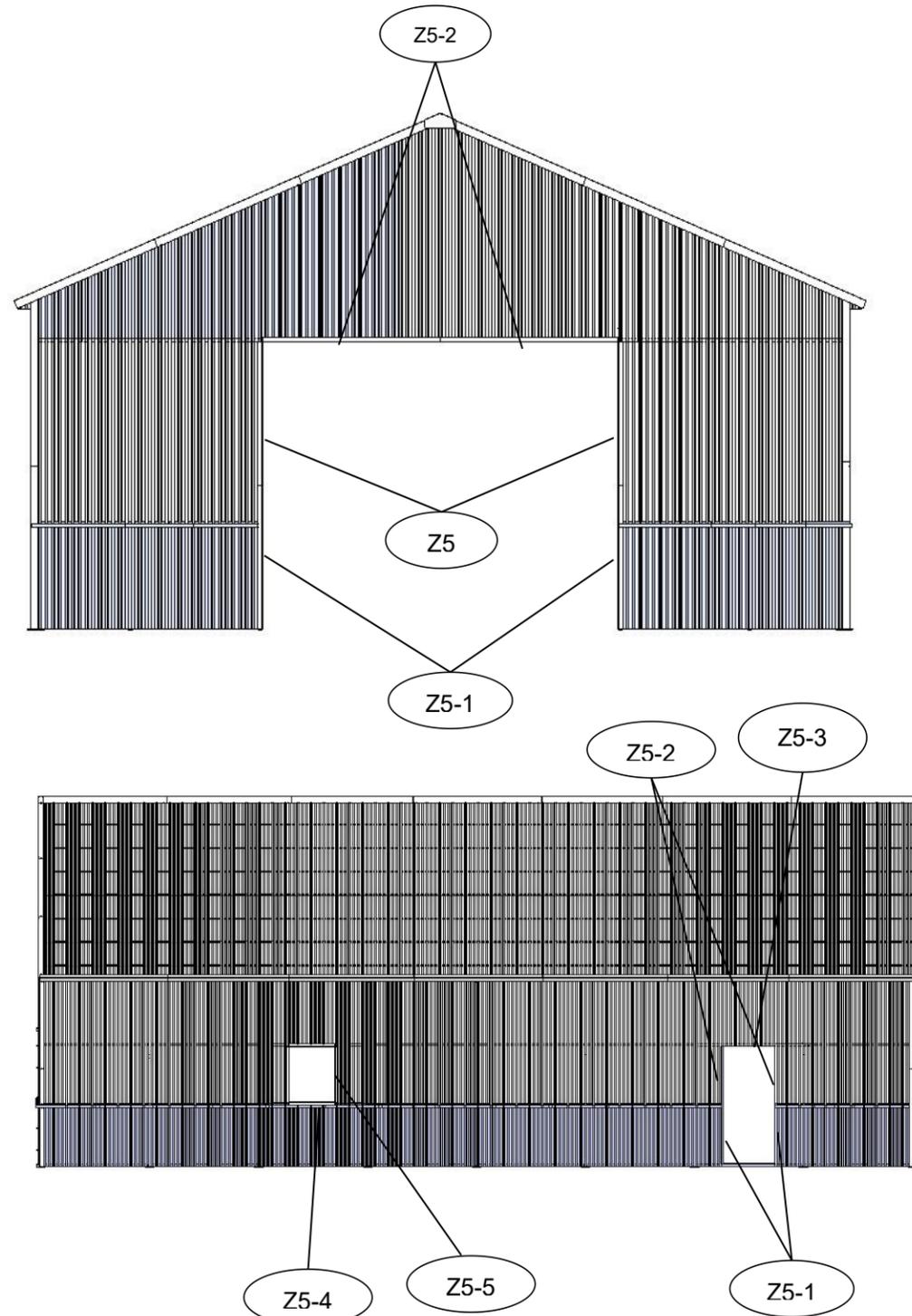
# Step 17

Z1x18 Z1-1x24 Z3x7 Z4x2 S1-1x500



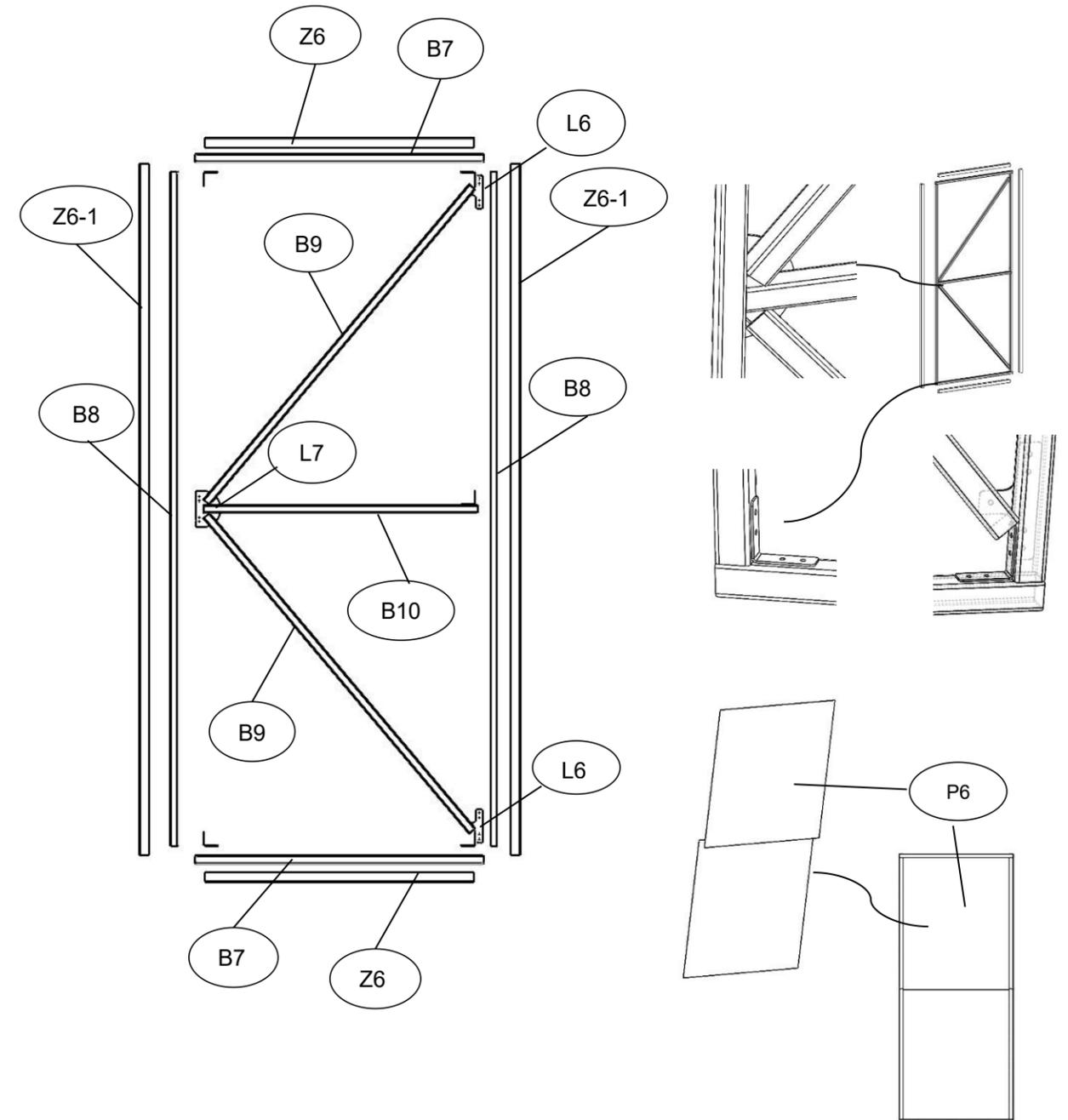
# Step 18

Z5x2 Z5-1x4 Z5-2x6 Z5-3x1 Z5-4x6 Z5-5x6 S1-1x168



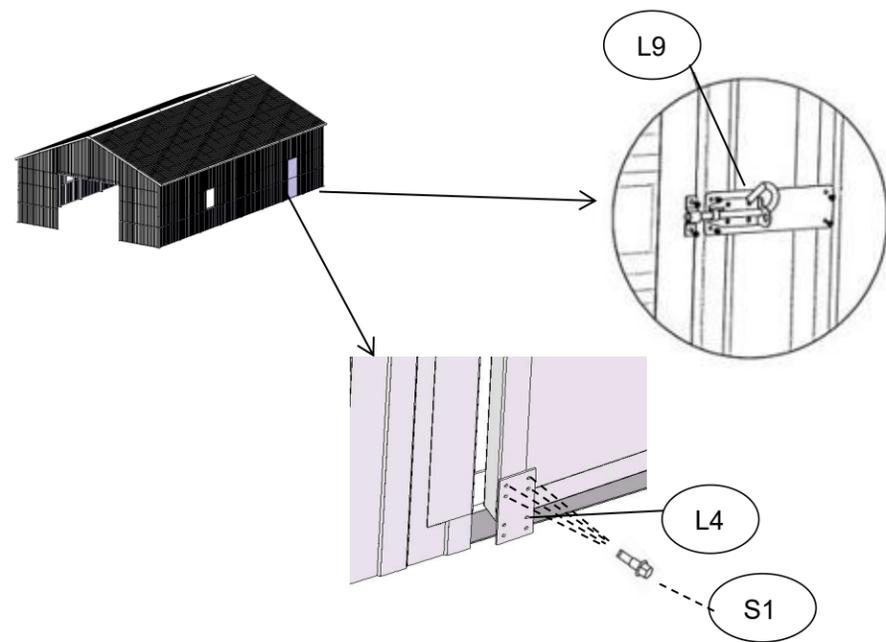
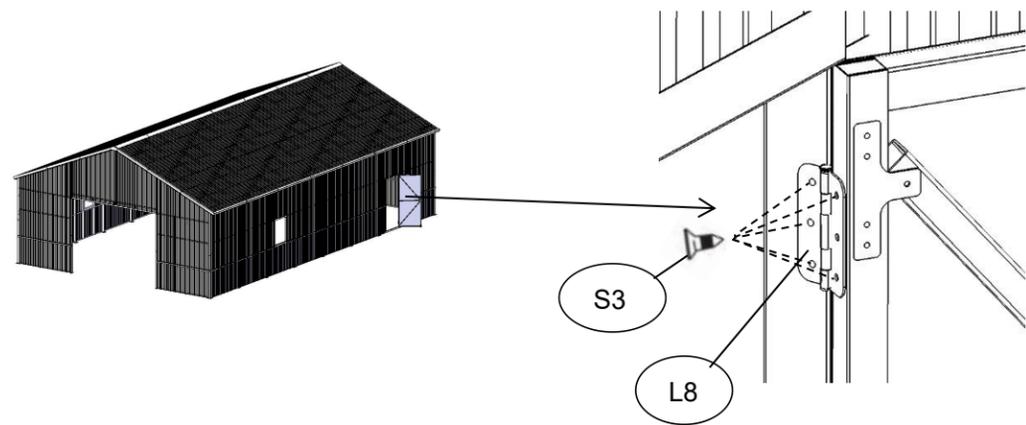
# Step 19

B7x2 B8x2 B9x2 B10x1 P6x2 Z6x2 Z6-1x2 L3x4 L6x2 L7x1 S1x35 S1-1x20



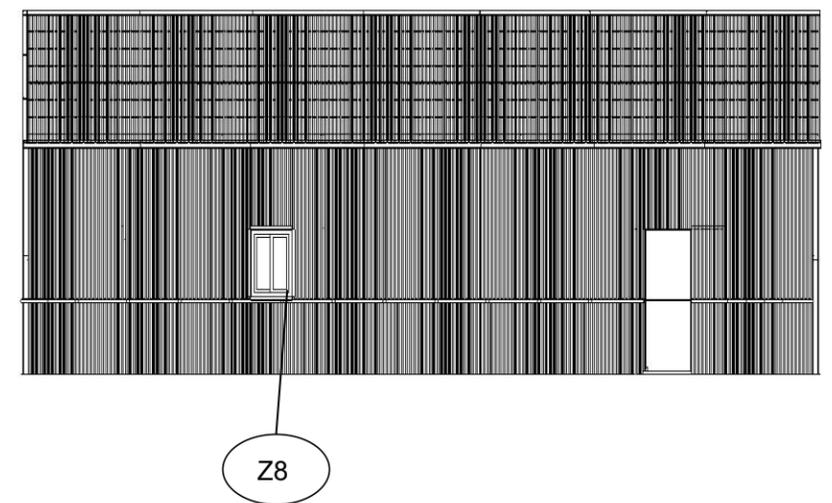
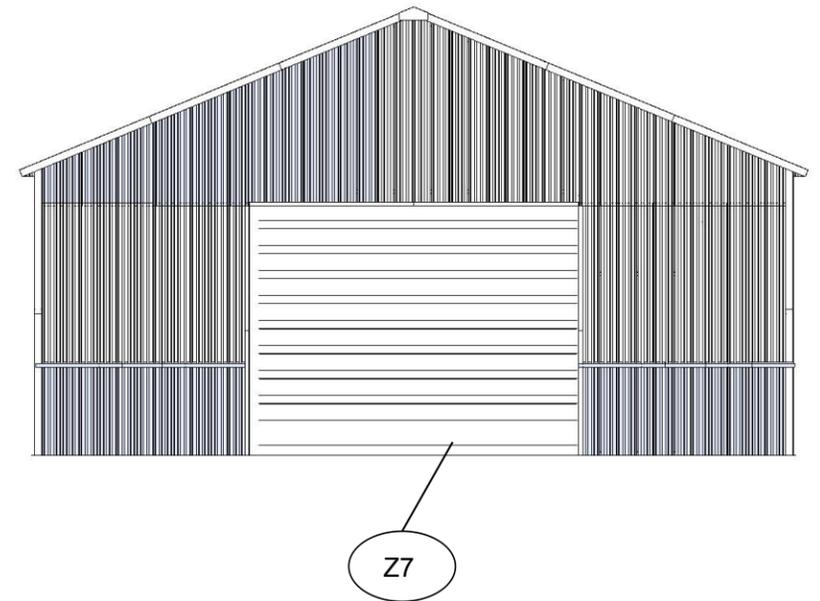
Step 19

L4x1 L8x2 L9x1 S1x10 S3x12



Step 21

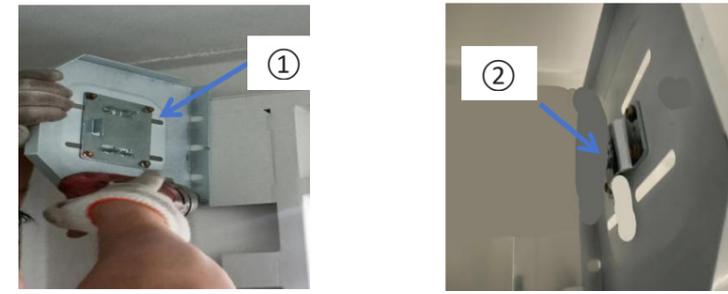
Z7X3 Z8X1



# Rolling shutter door assembly instructions

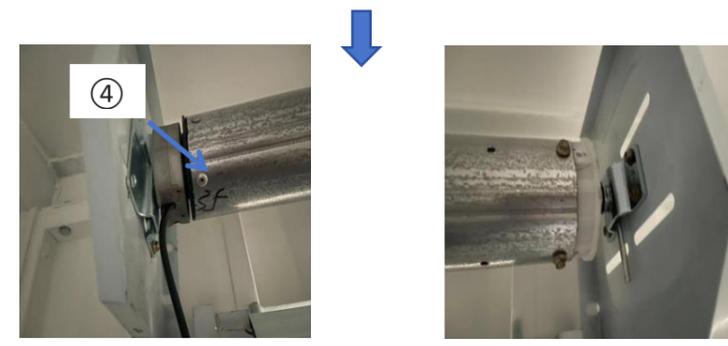


Step 1



Note that the installation spacing is (5)

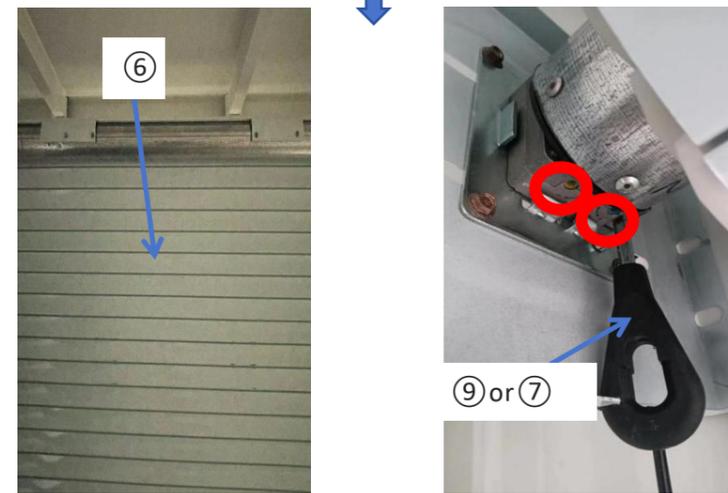
Step 2



Step 3

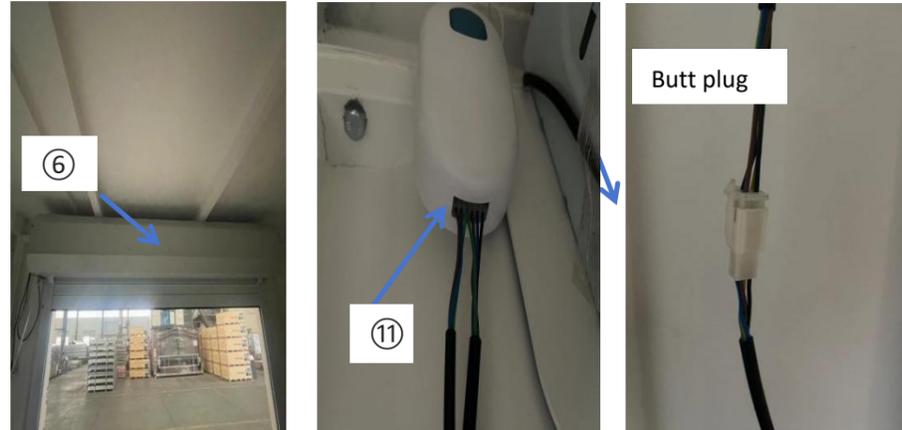


Step 4

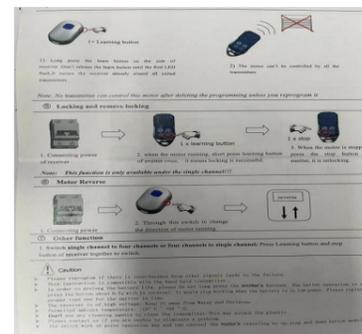
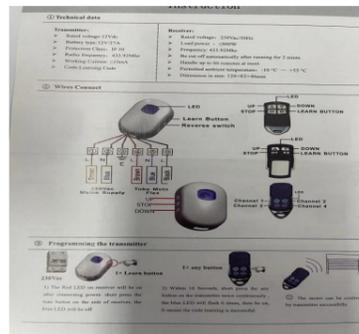
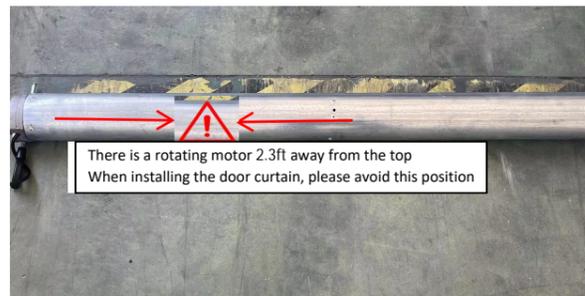


Screw installation must avoid the motor position, That is greater than 1.97ft  
Use (10) to adjust the shutter door to the required height

## Step 5



## Attention



1. Use the limit-adjusting pole to set the limit position according to the motor's direction. "+" Means increase the shutter's moving space, "-" Means reduce the shutter's moving space.

2. Check the up and down functions of the motor and check the moving space  
Notice:

1. Installation and wiring must be in compliance with your local building and electrician codes and should be done by a qualified electrician

2. When installed make sure the motor is working properly and the moving wise of the tube is vertical with the orbit of the shutter

3. Make sure the wiring cannot be damaged by moving parts

4. The electrical connection must be installed with a grounding outlet connecting to the ground is necessary