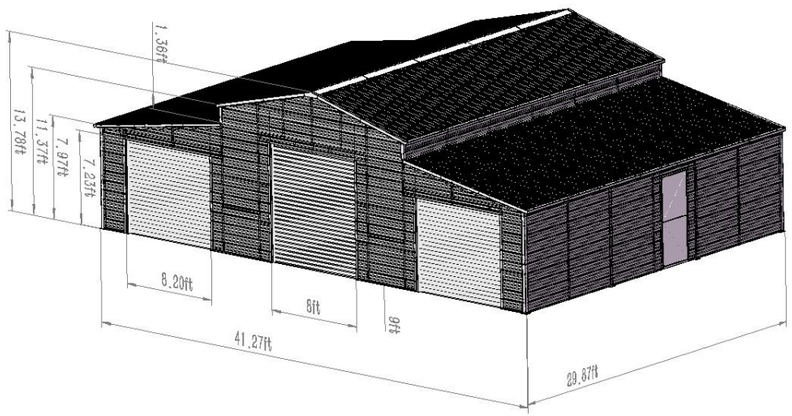
Assembly Instructions



Model:4230W-V3.1

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 build-ing 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 betaken 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 whipped about by the wind; making construction difficult and unsafe.

WARRANTY REQUIREMENTS:

· Wash all surfaces annually using a hose and soft nylon brush.

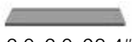
· Within 2 km of coast -wash every 3 months as above. After a storm, wash the cladding and the gutters as soon as possible to remove any highly corrosive salt deposits.

· Volcanic Ash Fallout -wash as soon as possible, removing fall out from roof and gutters.

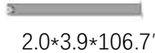
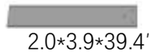
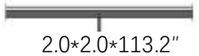
· Do not allow manures, chemicals or other corrosive materials to have direct contact with clad-ding.

PARTS LIST

Item no.	Reference Image	Qty.
A1	 2.0*2.0*61.0″	1
A2	 2.0*2.0*61.0″	1
A3	 2.0*2.0*78.7″	2
A4	 2.0*2.0*58.3″	1
A5	 2.0*2.0*78.7″	1
A6	 2.0*2.0*78.7″	2
A7	 2.0*2.0*56.3″	1
A8	 2.0*2.0*78.7″	1
A9	 2.0*2.0*54.9″	2
A10	 2.0*2.0*98.4″	18
A11	 2.0*2.0*65.4″	11
A12	 2.0*2.0*53.7″	2
A13	 2.0*2.0*74.2″	7
A14	 2.0*2.0*48.4″	2
A15	 2.0*2.0*13.2″	2

Item no.	Reference Image	Qty.
A16	 41.3″	1
A17	 82.7″	1
A18	 2.0*2.0*34.5″	2
A19	 2.0*2.0*42.7″	1
A20	 2.0*2.0*53.7″	10
A21	 2.0*2.0*39.4″	10
A22	 2.0*2.0*98.4″	5
A23	 2.0*2.0*5.9″	10
A24	 2.0*2.0*63.4″	2
A25	 2.0*2.0*50.6″	1
A26	 2.0*2.0*53.7″	2
A27	 2.0*2.0*51.0″	2
A28	 2.0*2.0*64.2″	1
A29	 2.0*3.9*103.4″	2
A30	 98.4″	1

PARTS LIST

Item no.	Reference Image	Qty.
A31	 2.0*2.0*545″	1
A32	 2.0*2.0*57.1″	12
A33	 3.9*3.9*57.1″	2
A34	 2.0*2.0*91.2″	6
A35	 3.9*3.9*95.5″	4
A36	 3.9*3.9*95.5″	2
A37	 2.0*3.9*106.7″	8
A38	 2.0*3.9*39.4″	8
A39	 2.0*2.0*113.2″	4
A40	 2.0*2.0*114.2″	2
A41	2.0*2.0*43.1″	6
A42	2.0*2.0*100.3″	6
A43	2.0*2.0*56.1″	3
A44	2.0*2.0*76.7″	2
A45	2.0*2.0*31.5″	1

Item no.	Reference Image	Qty.
A46	2.0*2.0*95.5″	2
A47	2.0*2.0*86.4″	2
A48	2.0*2.0*111.2″	2
A49	2.0*2.0*10.2″	2
A50	2.0*2.0*86.7″	2
A51	2.0*2.0*98.6″	1
A52	2.0*2.0*106.5″	4
B1	0.8*1.6*40.4″	4
B2	0.8*1.6*10.8″	10
B3	0.8*1.6*50.7″	12
B4	0.8*1.6*22.2″	6
B5	0.8*1.6*43.8″	12
B6	61.0″	96
B7	1.0*1.0*34.6″	2
B8	1.0*1.0*80.2″	2

PARTS LIST

Item no.	Reference Image	Qty.
B9	1.0*1.0*49.2″	2
B10	1.0*1.0*32.6″	1
P1	61.0″	21
P1-1	12.3″	4
P1-2	61.0″	10
P1-3	12.3″	2
P1-4	39.4″	1
P1-5	14.3″	2
P1-6	14.3″	2
P1-7	39.4″	1
P2	49.2″	14
P2-1	54.6″	14
P2-2	49.2″	1
P2-3	49.2″	1
P2-4	49.2″	1

Item no.	Reference Image	Qty.
P2-5	49.2″	1
P2-6	59.1″	1
P2-7	59.1″	1
P2-8	54.6″	1
P2-9	54.6″	1
P2-10	78.7″	1
P2-11	78.7″	1
P3	28.1″	4
P3-1	69.9″	6
P3-2	28.1″	1
P3-3	28.1″	1
P3-4	59.1″	1
P3-5	59.1″	1
P3-6	59.1″	1
P3-7	59.1″	1

PARTS LIST

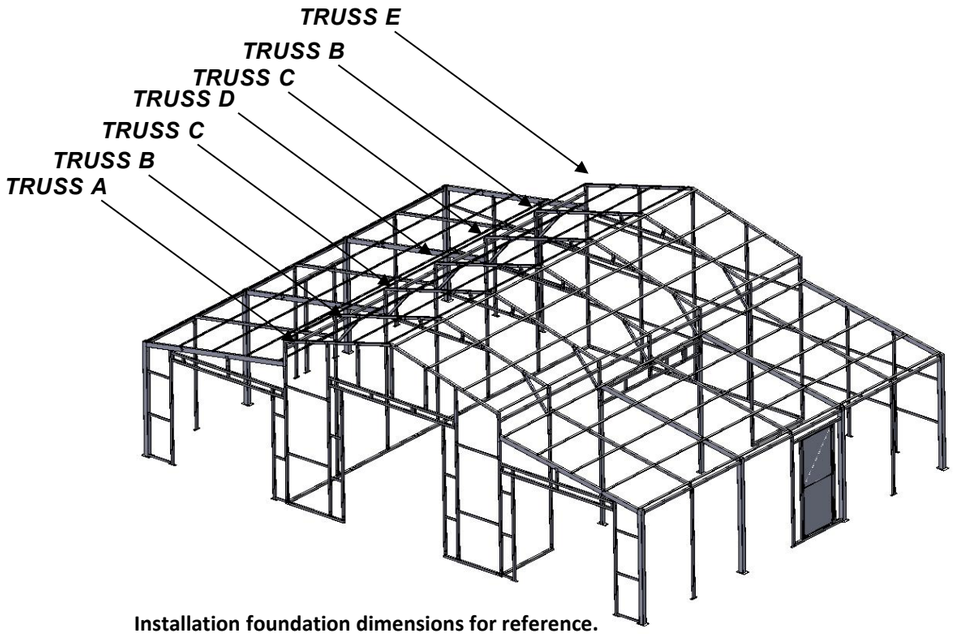
Item no.	Reference Image	Qty.
P3-8	65.0″	2
P3-9	57.1″	1
P3-10	57.1″	1
P3-11	78.7″	1
P3-12	78.7″	1
P4	76.8″	40
P4-1	13.0″	12
P4-2	59.1″	40
P5	41.3*34.5″	2
Z1	61″	52
Z1-1	15.8″	4
Z3	84.7″	5
Z4		2
Z5	57.1″	18
Z5-1	31.5″	2

Item no.	Reference Image	Qty.
Z5-2	39.4″	2
Z5-3	82.6″	2
Z5-4	35.4″	1
Z6	32.3″	2
Z6-1	82.3″	2
Z7	98.4*86.6″	2
Z7-1	98.4*110.2″	1
Z8		1
L1		116
L2		8
L3		92
L4		12
L6		2
L7		1
L8		2

PARTS LIST

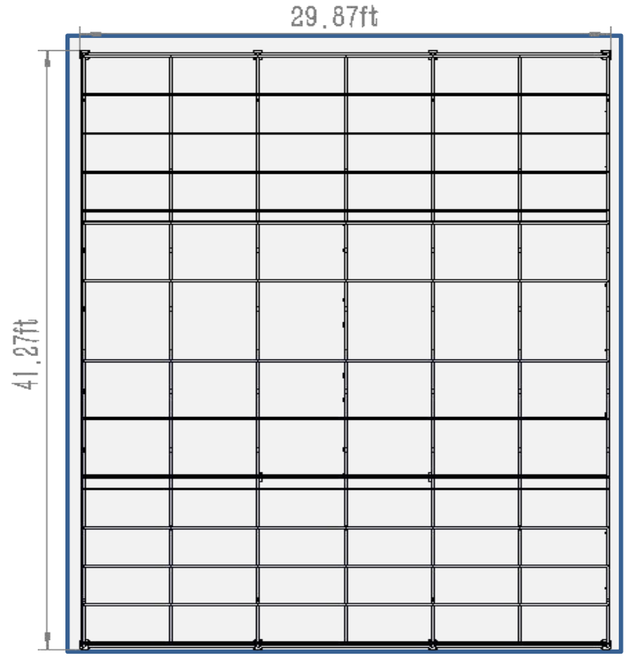
Item no.	Reference Image	Qty.
L9		1
S1	 M4*0.8"	917
S1-1	 M5.5*0.8"	1379
S2	 M8*2.6"	414
S2-1	 M8*0.6"	24
S2-2	 M8*4.3"	23
S3	 M4*0.3"	12
S4	 M10*5.9"	88
S5	waterproof tape 	3
L10		2

FRAME



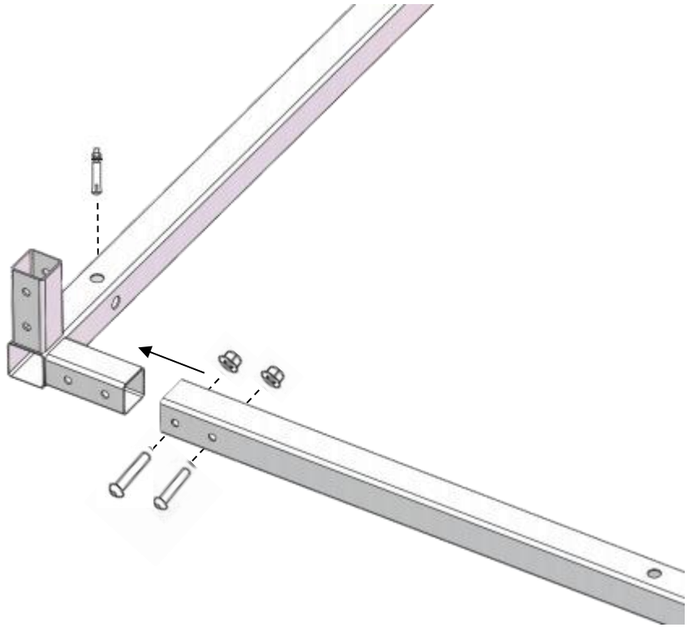
Installation foundation dimensions for reference.

Suggested dimensions for concrete foundation: Increase the length and width by 5 inches or 10 inches based on the benchmark shown in the diagram.
Suggest a thickness of at least 7 inches.

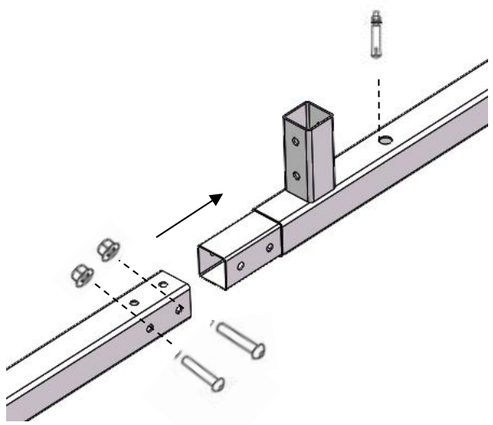


Tip

General connection method for square tubes.



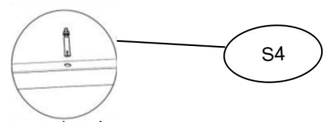
If you encounter difficulty inserting the connecting tube,please use a file to remove the burrs on the head of the square tube



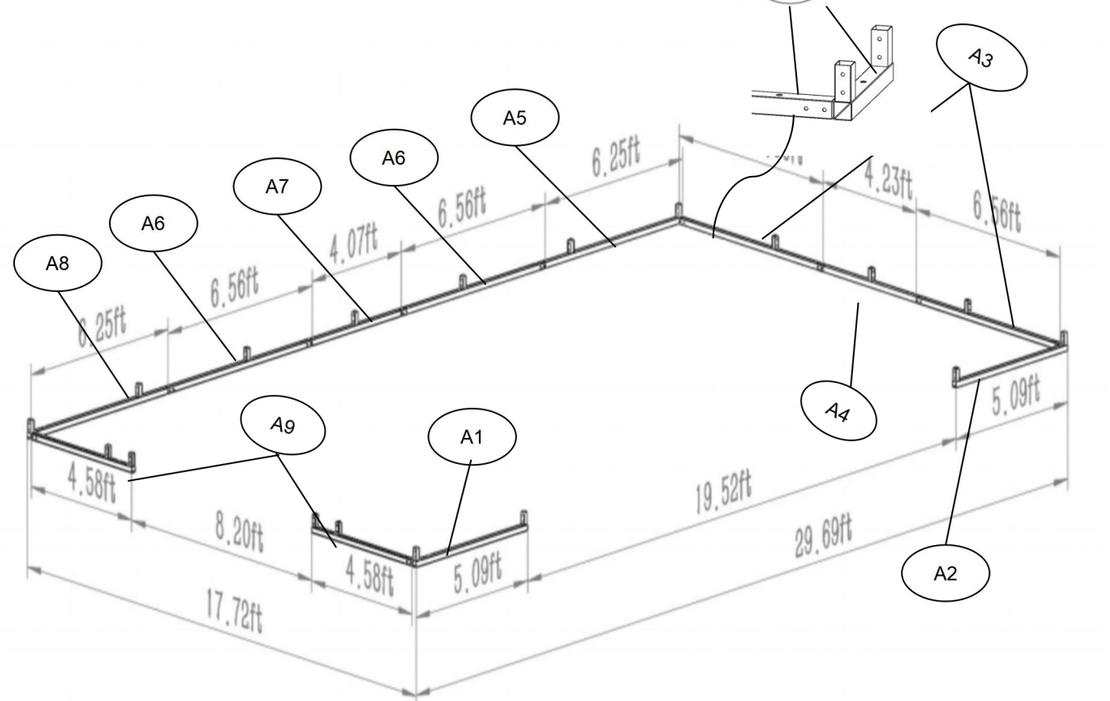
Step 1

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A1		1	A2		1
A3		2	A4		1
A5		1	A6		2
A7		1	A8		1
A9		2	S2		20
S4		16			

1. Refer to the foundation structure Figure,draw lines on the ground for positioning
2. Fixed on the ground with (S4)expansion bolts.
3. Check the dimensions to ensure that the installation direction and positionof each component are correct

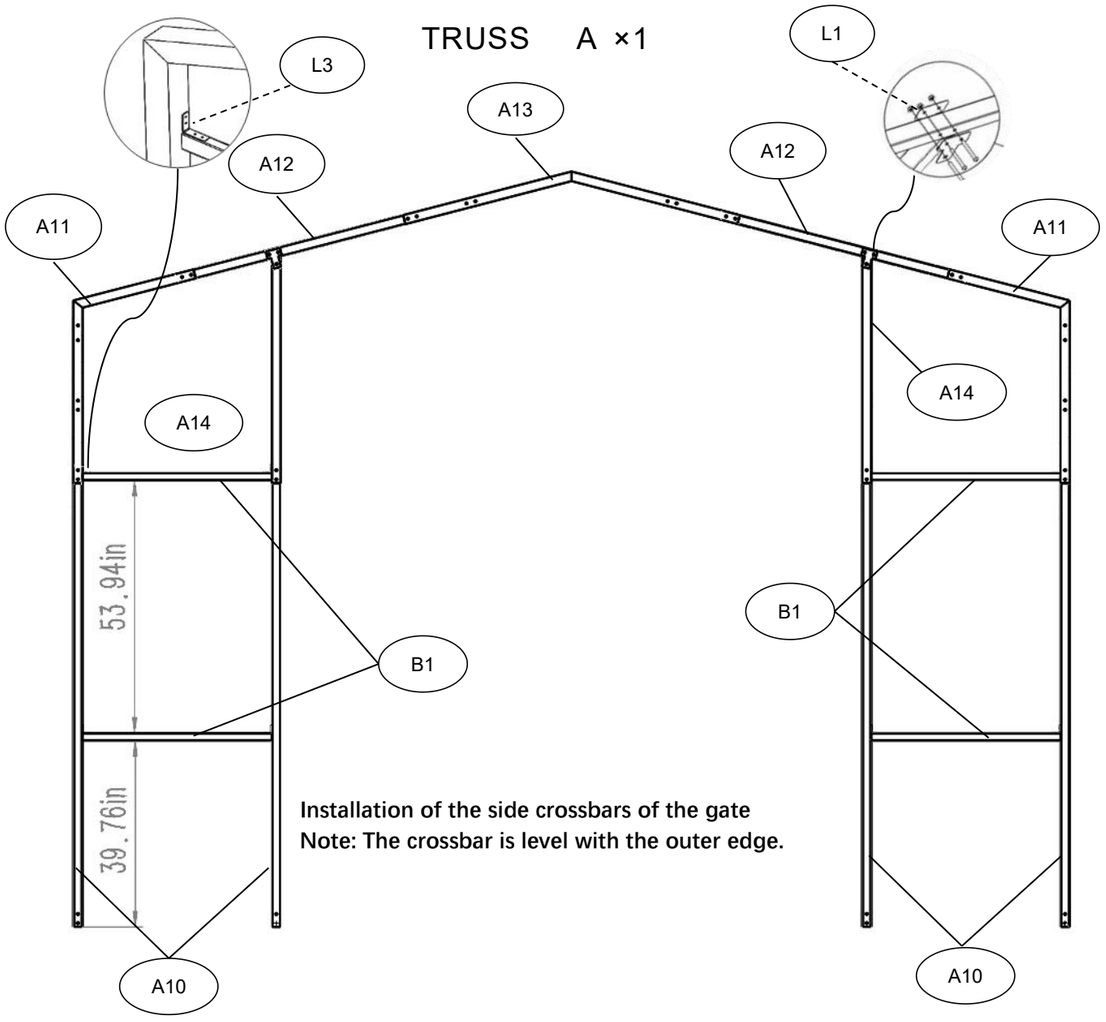


Installation of the middle house



Step 2

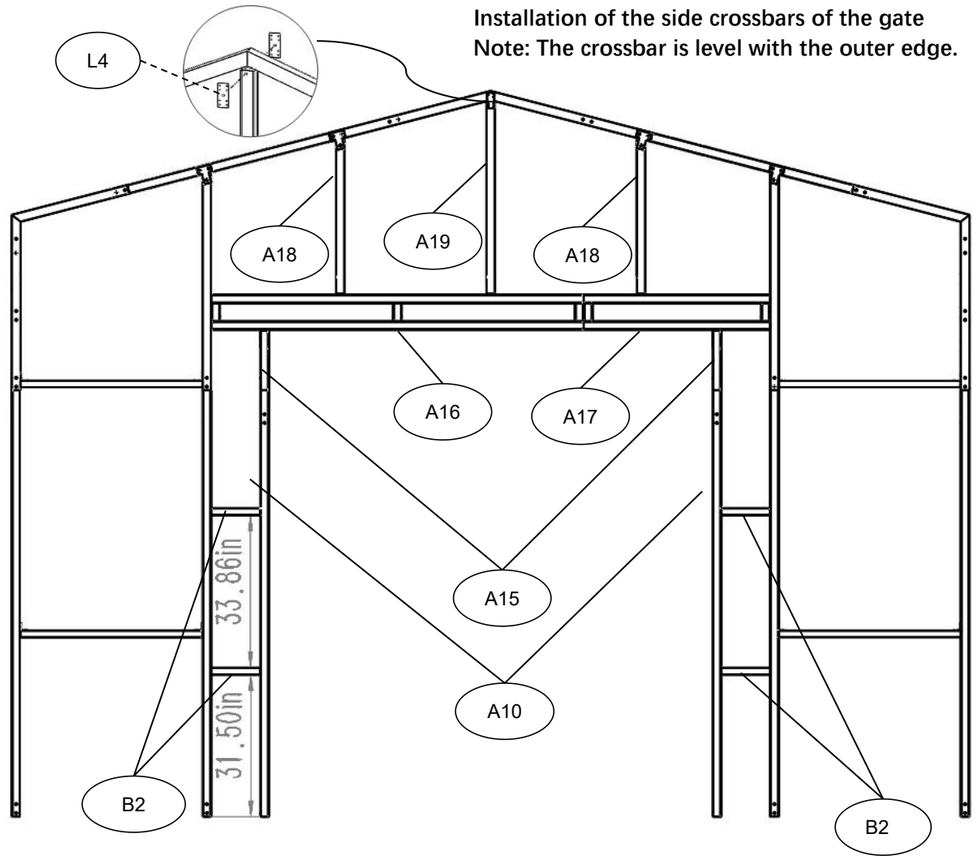
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A10		4	A11		2
A12		2	A13		1
A14		2	B1		4
L1		4	L3		8
S1		32	S2		22



Installation of the side crossbars of the gate
Note: The crossbar is level with the outer edge.

Step 3

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A10		2	A15		2
A16		1	A17		1
A18		2	A19		1
B2		4	L1		4
L3		8	L4		2
S1		48	S2		16
S2-2		6			

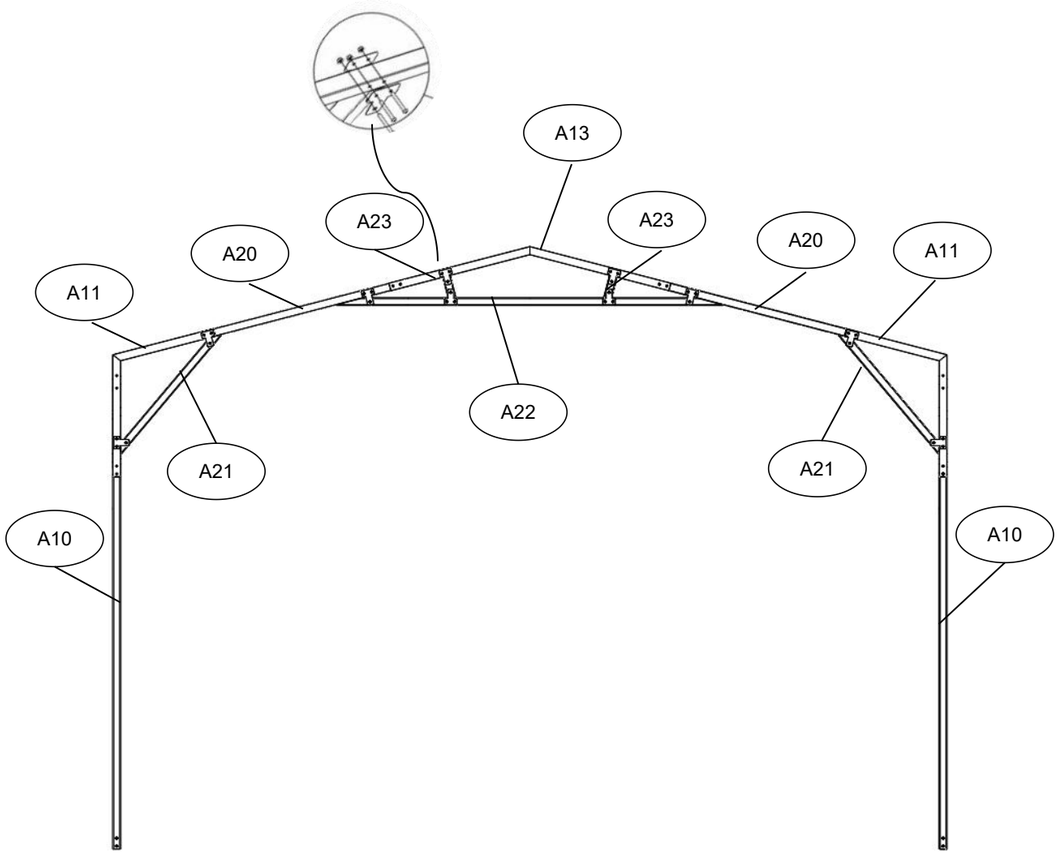


Installation of the side crossbars of the gate
Note: The crossbar is level with the outer edge.

Step 4

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A10		4	A11		4
A13		2	A20		4
A21		4	A22		2
A23		4	L1		40
S2		76			

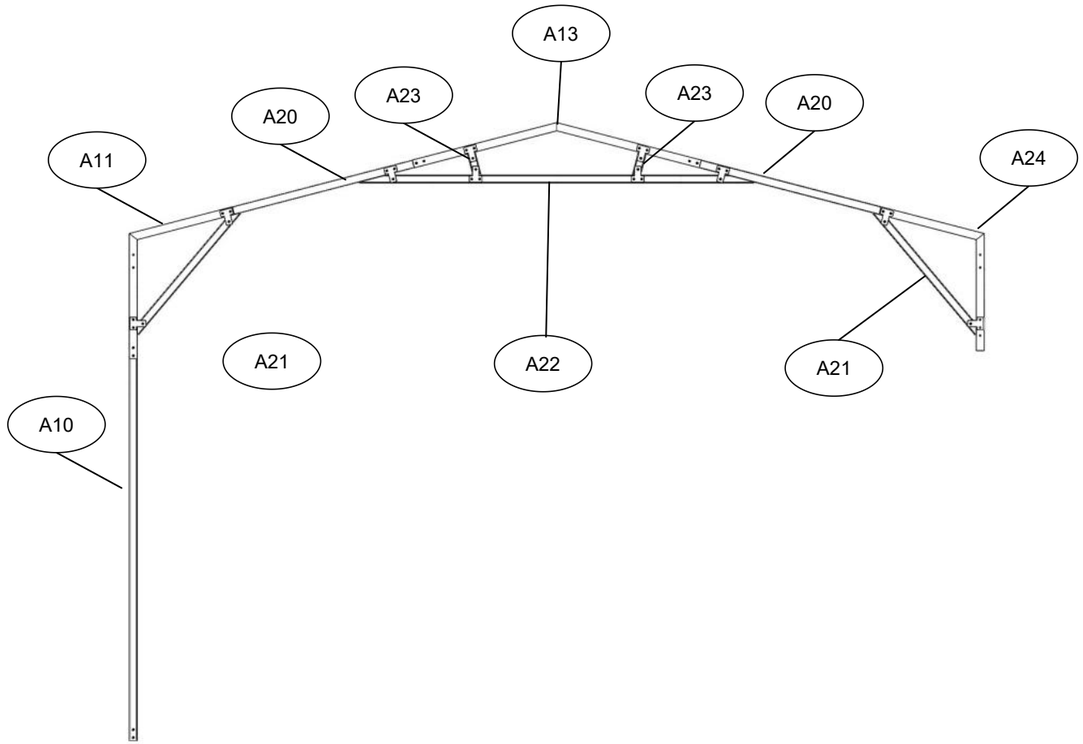
TRUSS B ×2



Step 5

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A10		2	A11		2
A13		2	A20		4
A21		4	A22		2
A23		4	A24		2
L1		40	S2		68

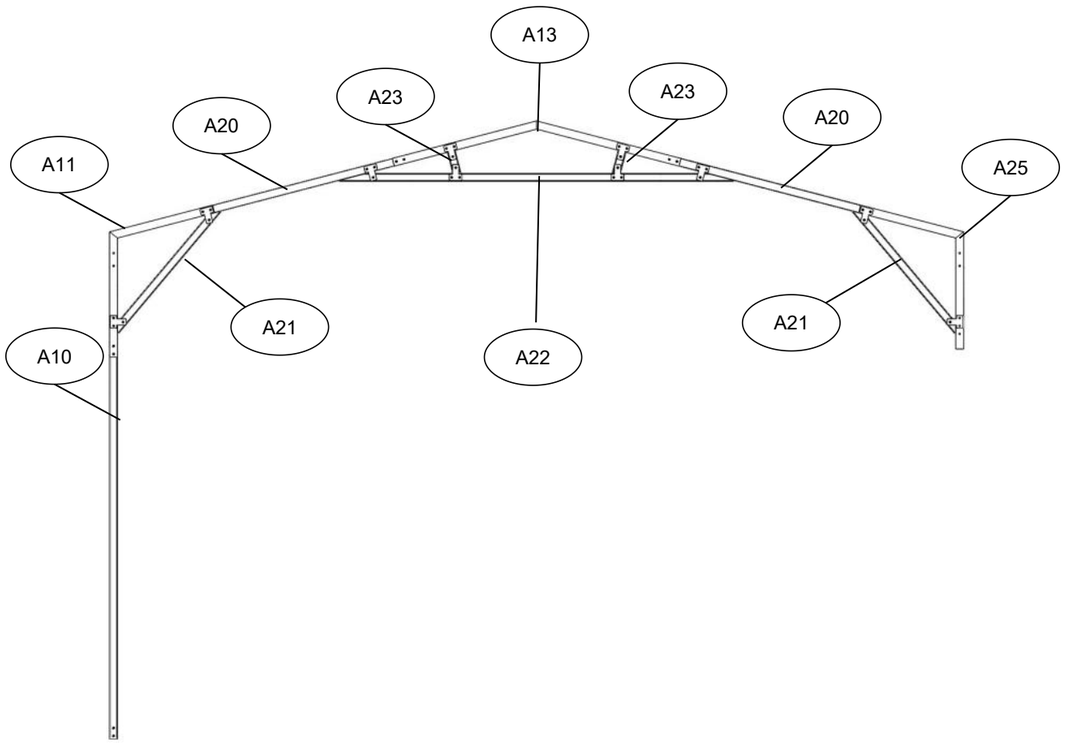
TRUSS C ×2



Step 6

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A10		1	A11		1
A13		1	A20		2
A21		2	A22		1
A23		2	A25		1
L1		20	S2		34

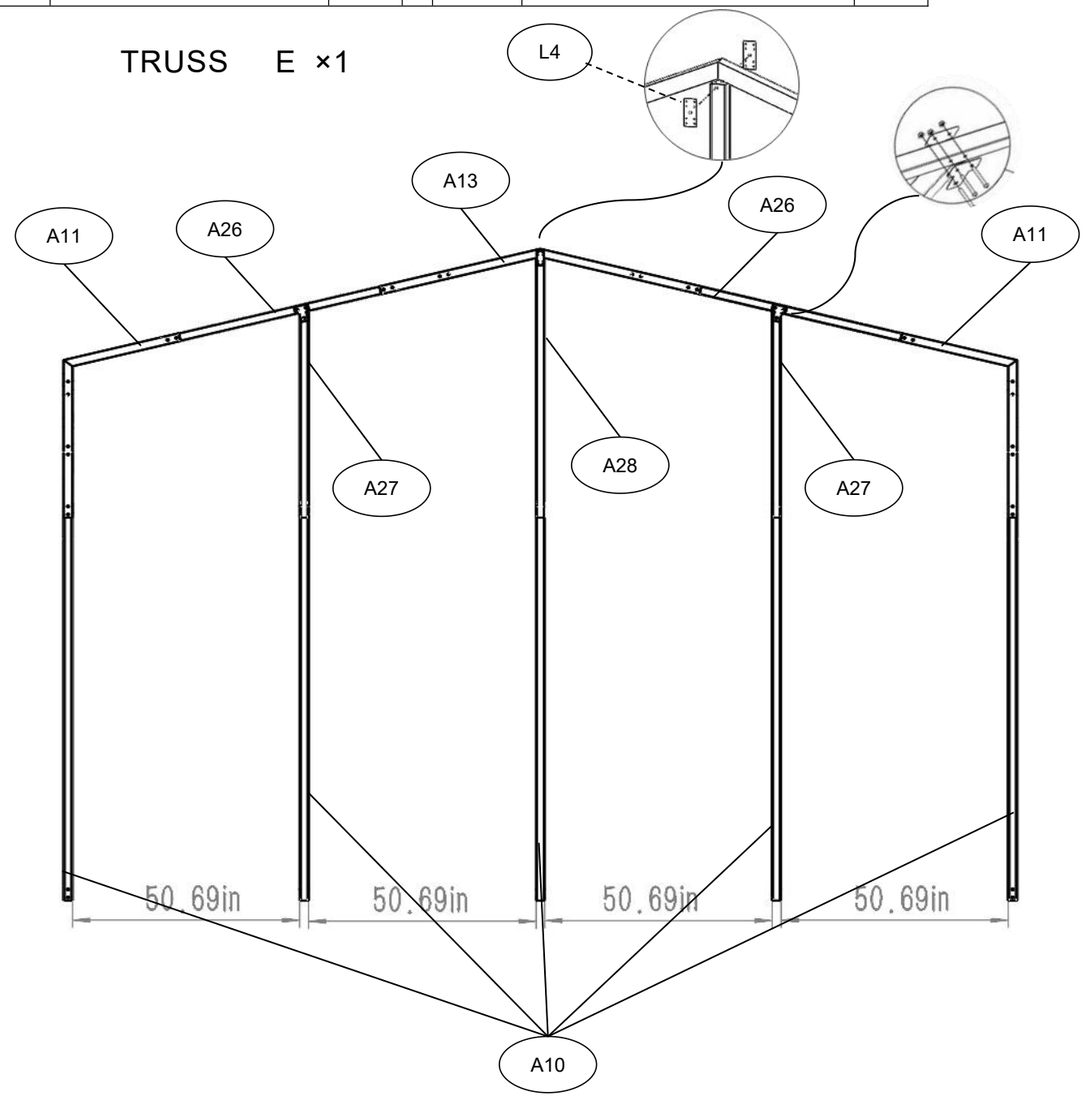
TRUSS D ×1



Step 7

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A10		5	A11		2
A13		1	A26		2
A27		2	A28		1
L1		4	L4		2
S1		16	S2		24

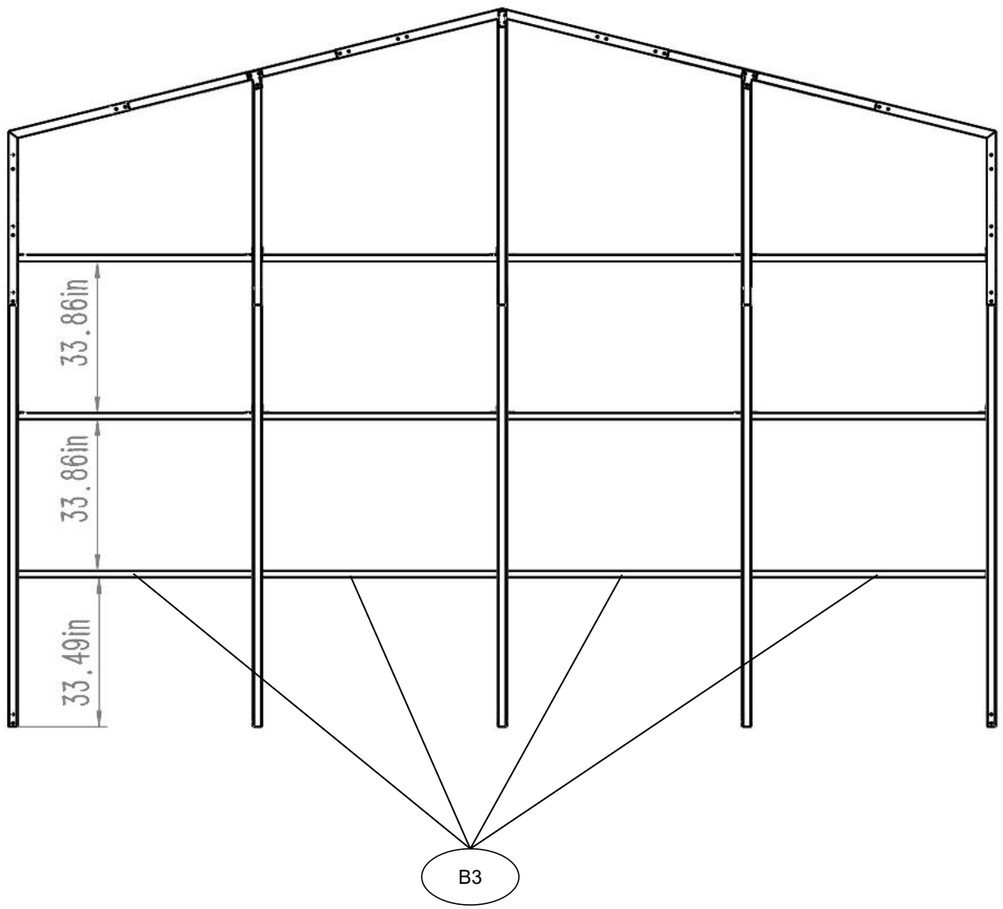
TRUSS E ×1



Step 8

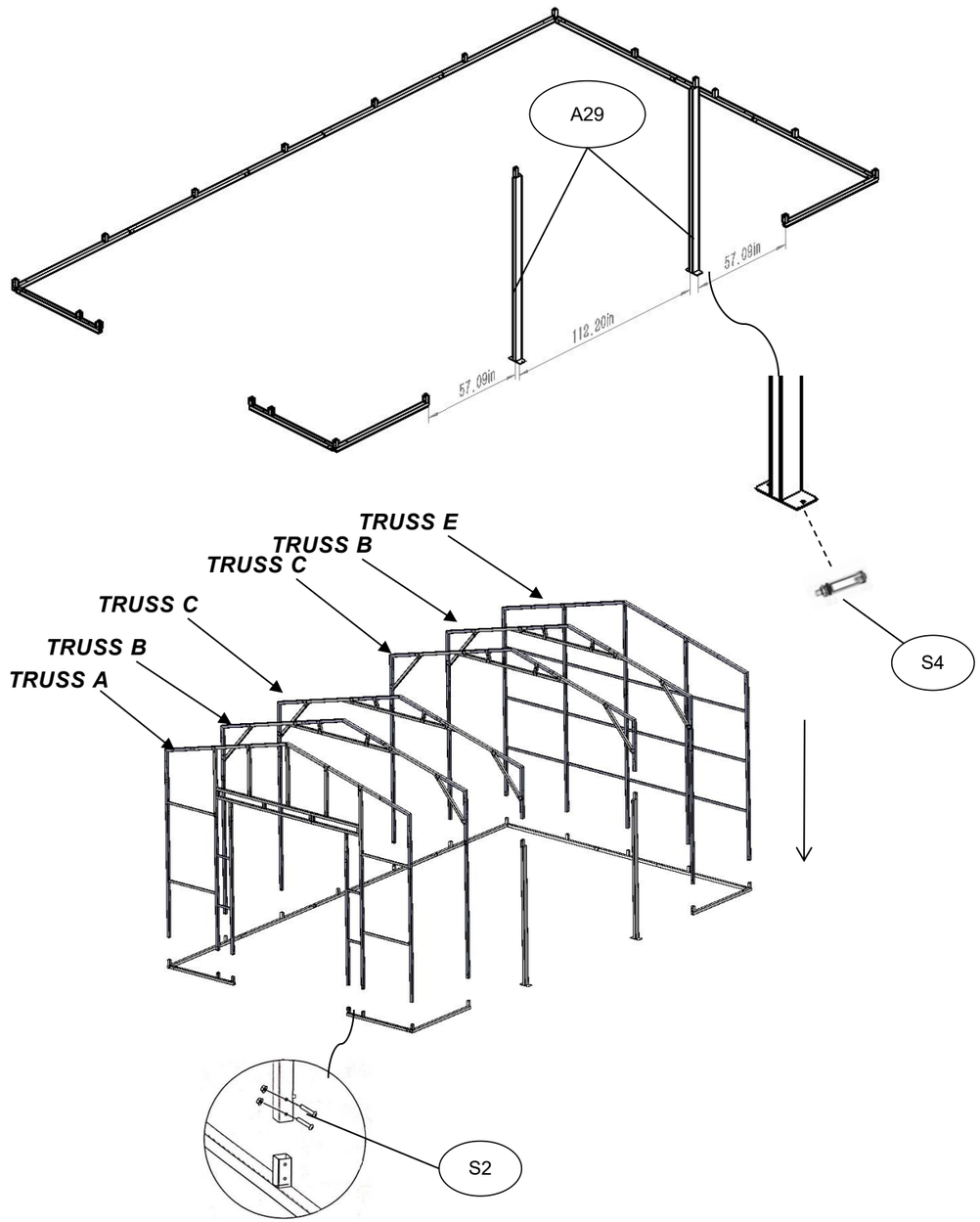
Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
B3		12		L3		24
S1		9				2

Installation of the side crossbar on the rearwall
Note: The crossbar is level with the outer edge.



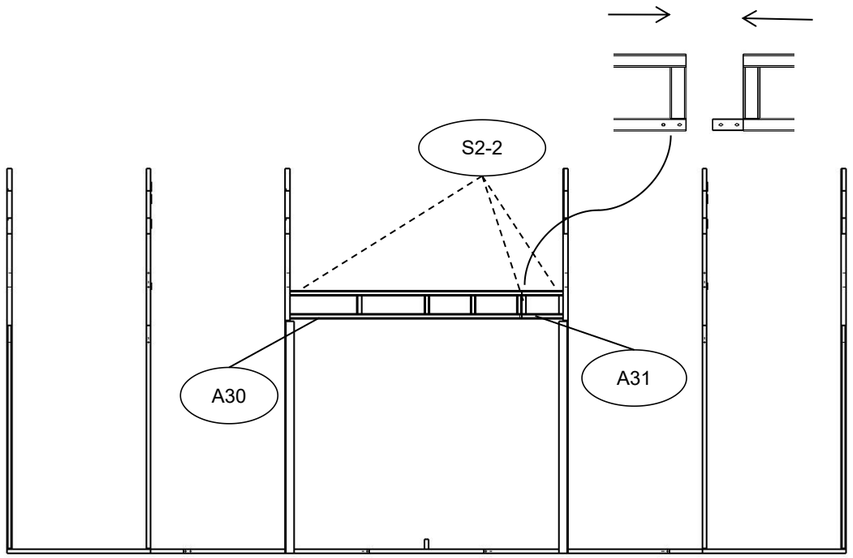
Step 9

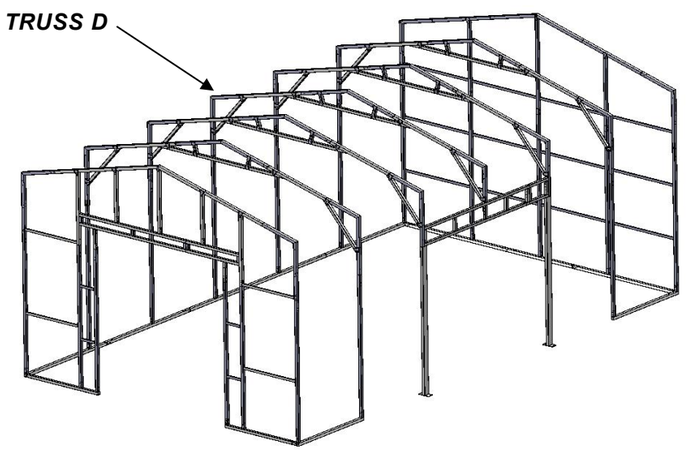
Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
A29		2		S2		34
S4		4				



Step 10

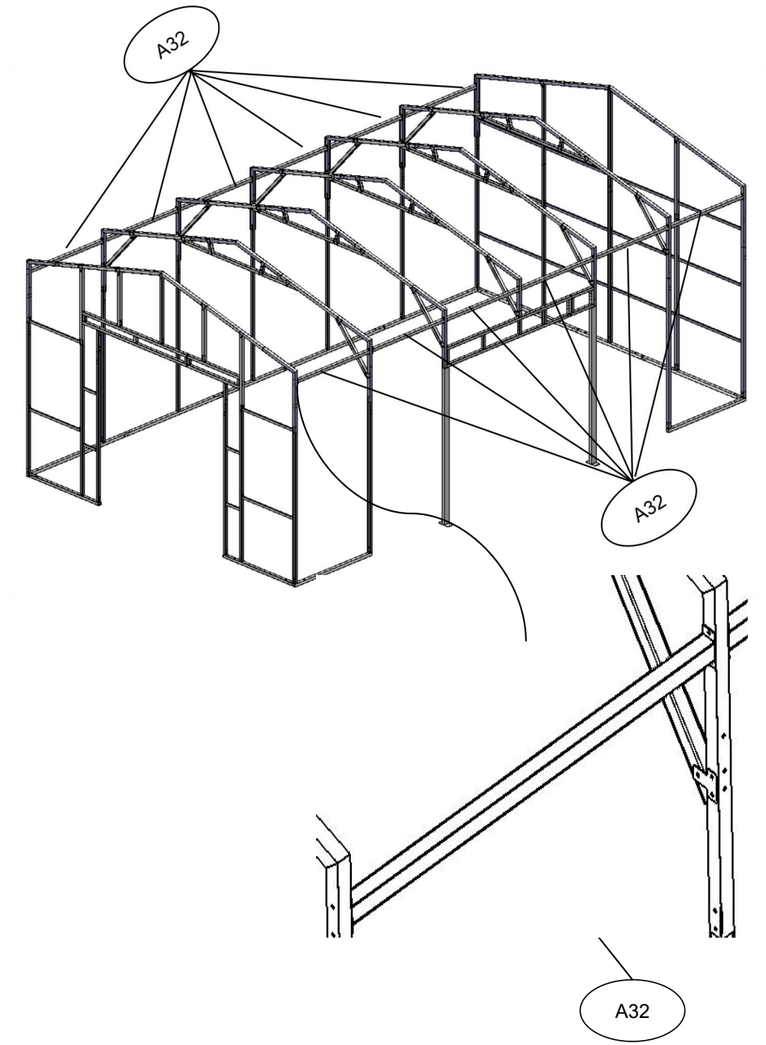
Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
A30		1		A31		1
S2		8		S2-2		9





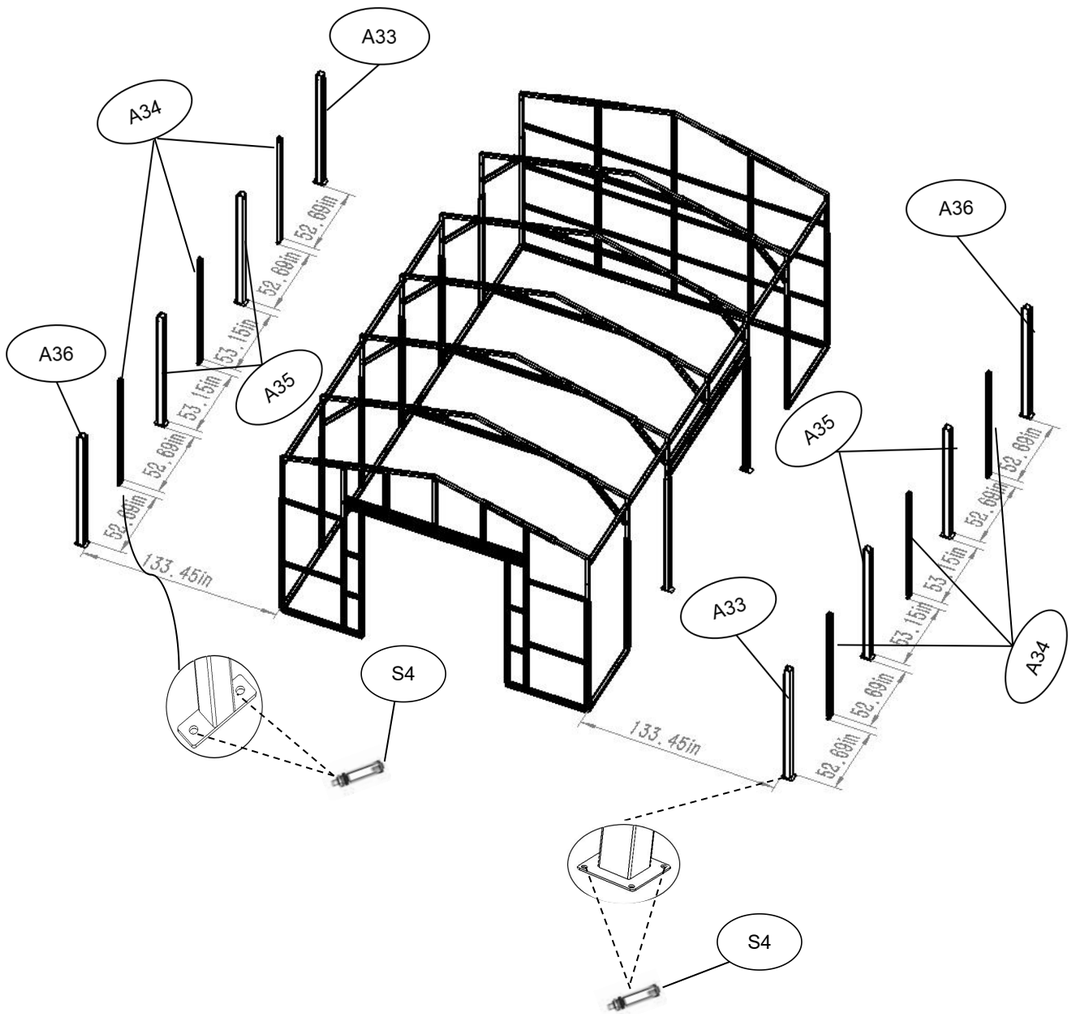
Step 11

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
A32		12		S2		28



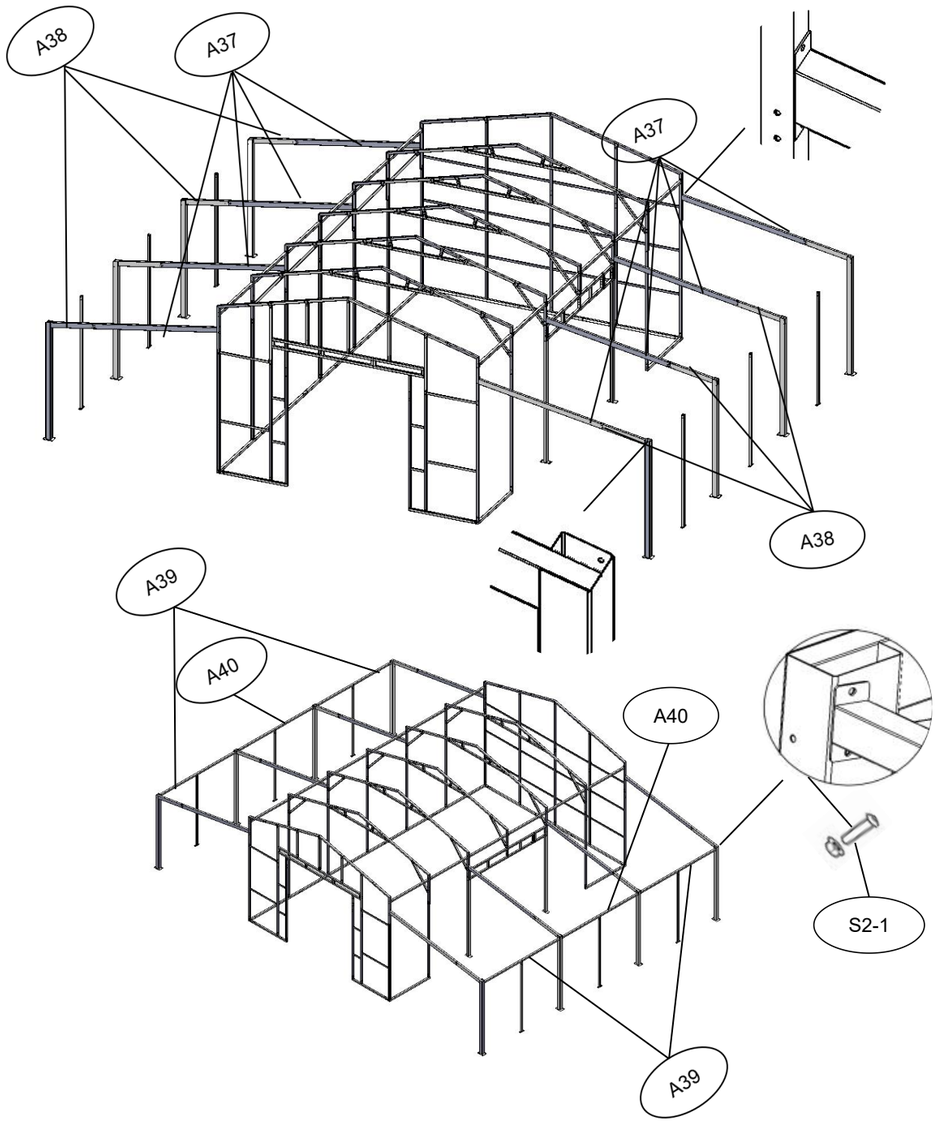
Step 12

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A33		2	A34		6
A35		4	A36		2
S4		44			



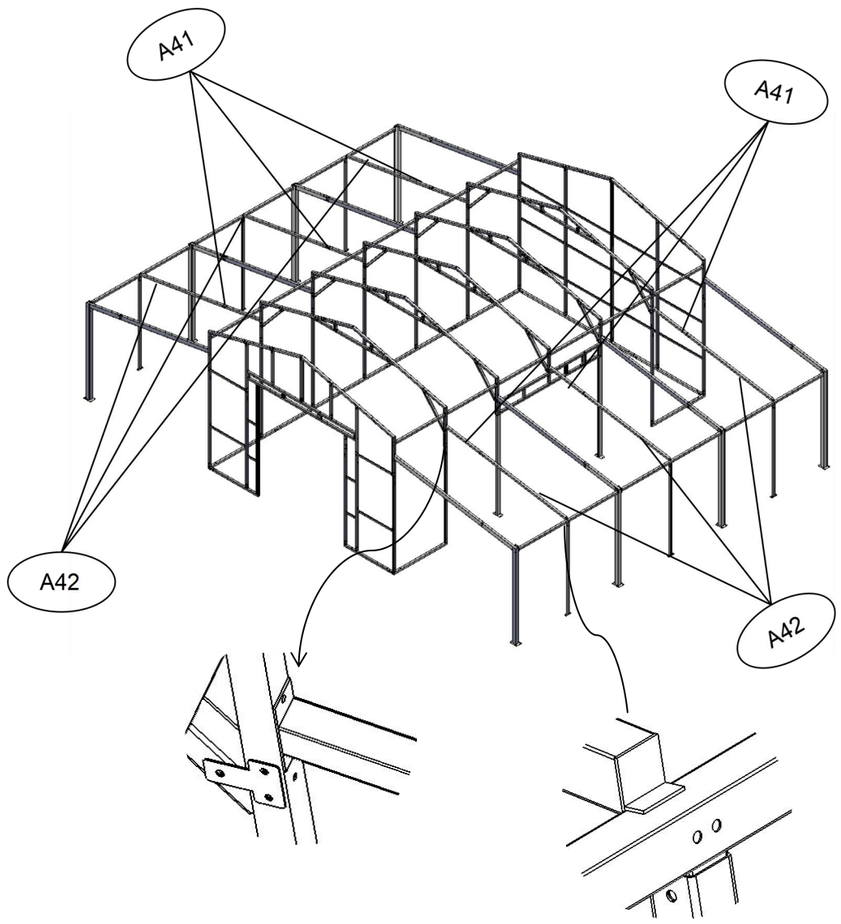
Step 13

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A37		8	A38		8
A39		4	A40		4
S2		40	S2-1		24



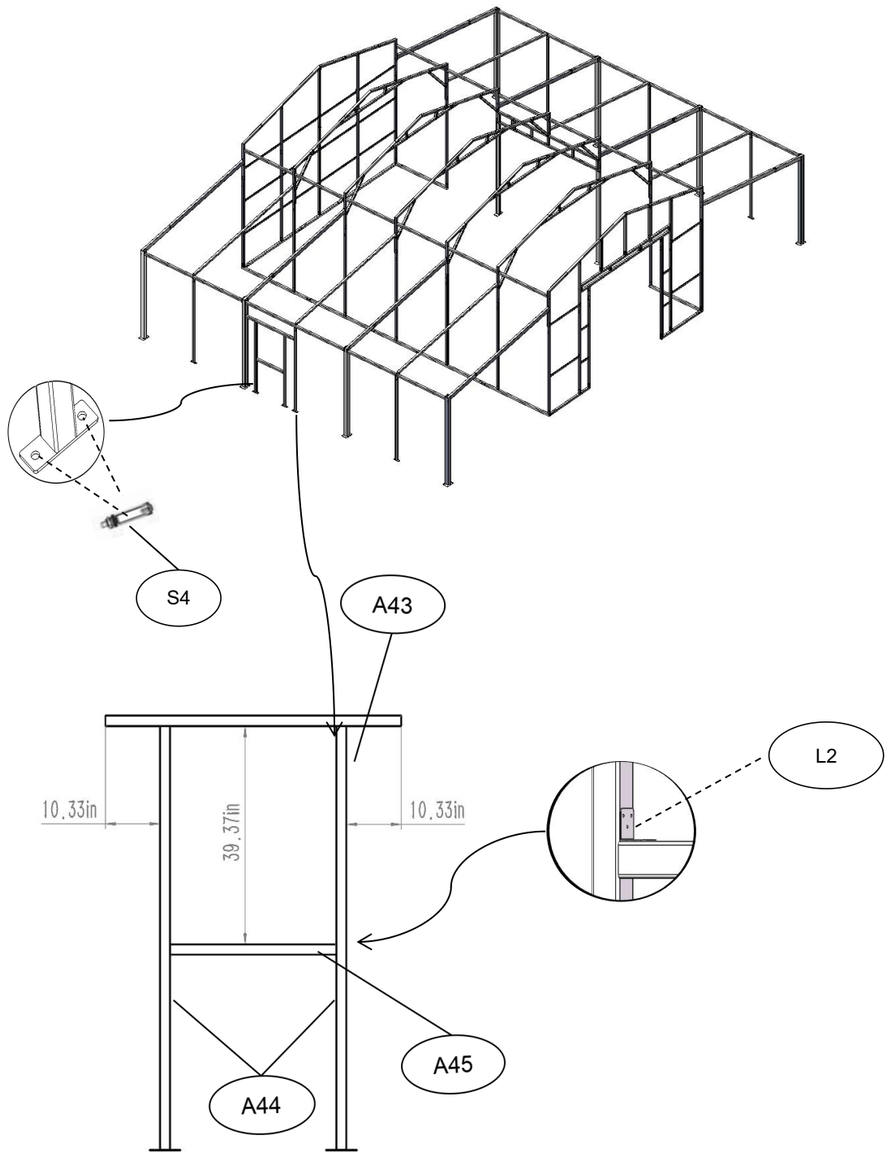
Step 14

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A41		6	A42		6
S2		30			



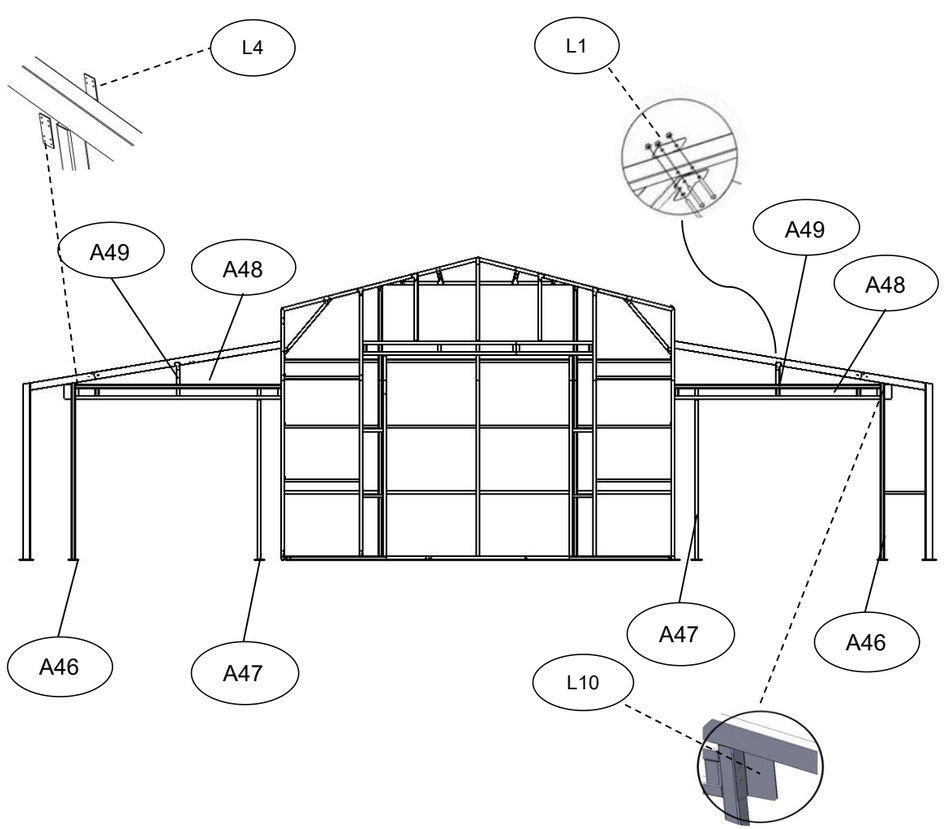
Step 15

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A43		1	A44		2
A45		1	L2		6
S1		36	S4		4



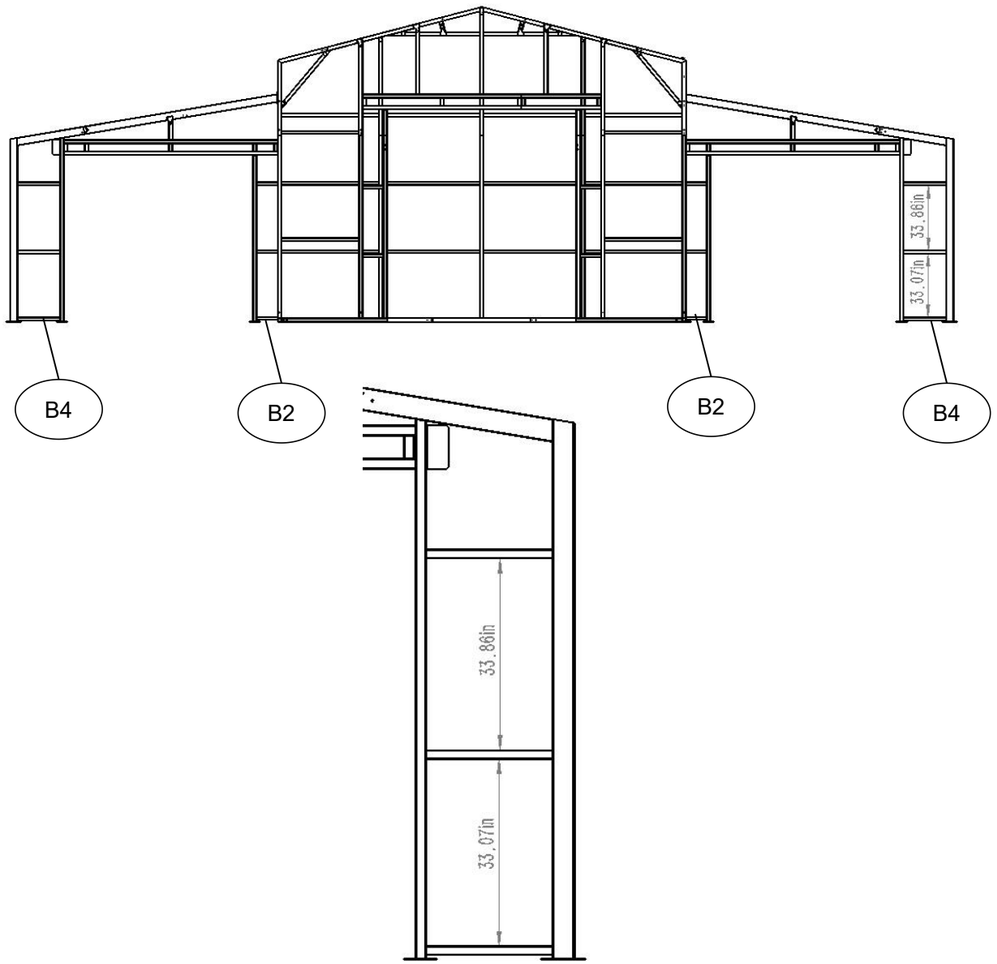
Step 16

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A46		2	A47		2
A48		2	A49		2
L1		4	L4		4
S1		32	S2		14
S2-2		8	S4		8
L10		2			



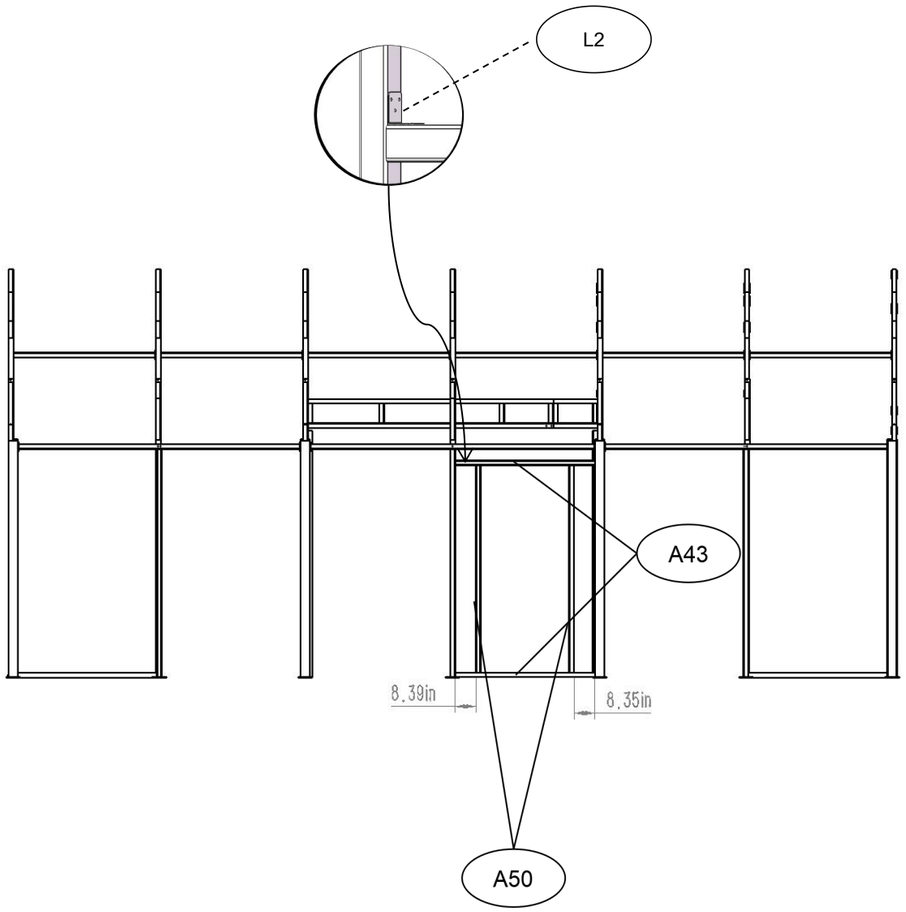
Step 17

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
B2		6	B4		6
L3		24	S1		96



Step 18

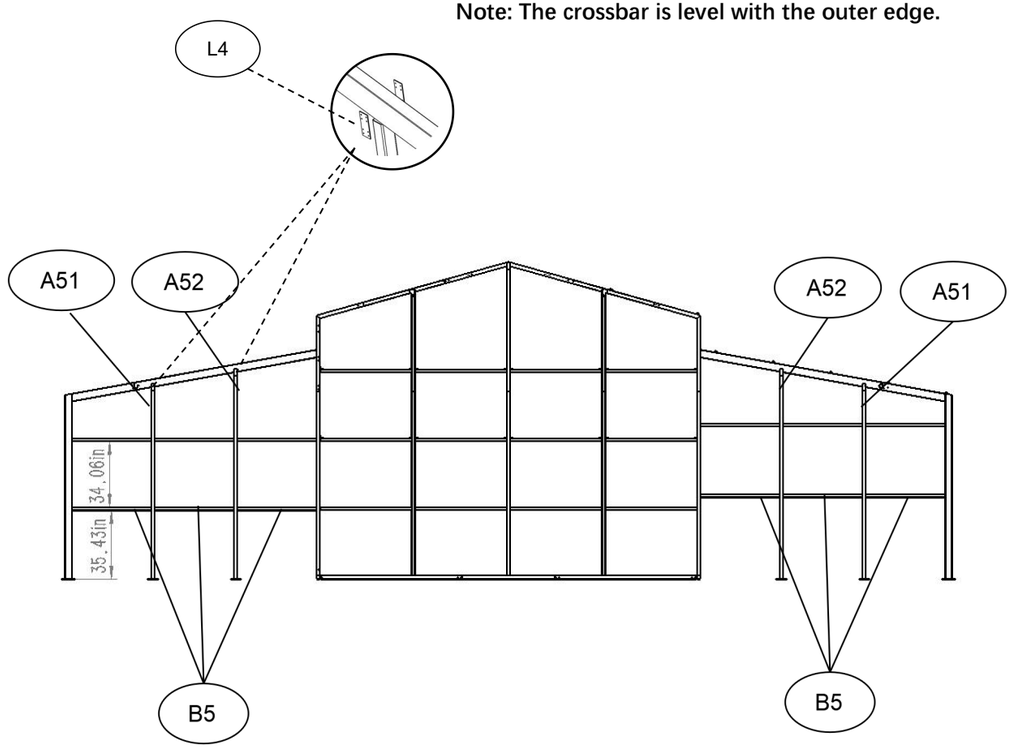
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A43		2	A50		2
L2		8	S1		48



Step 19

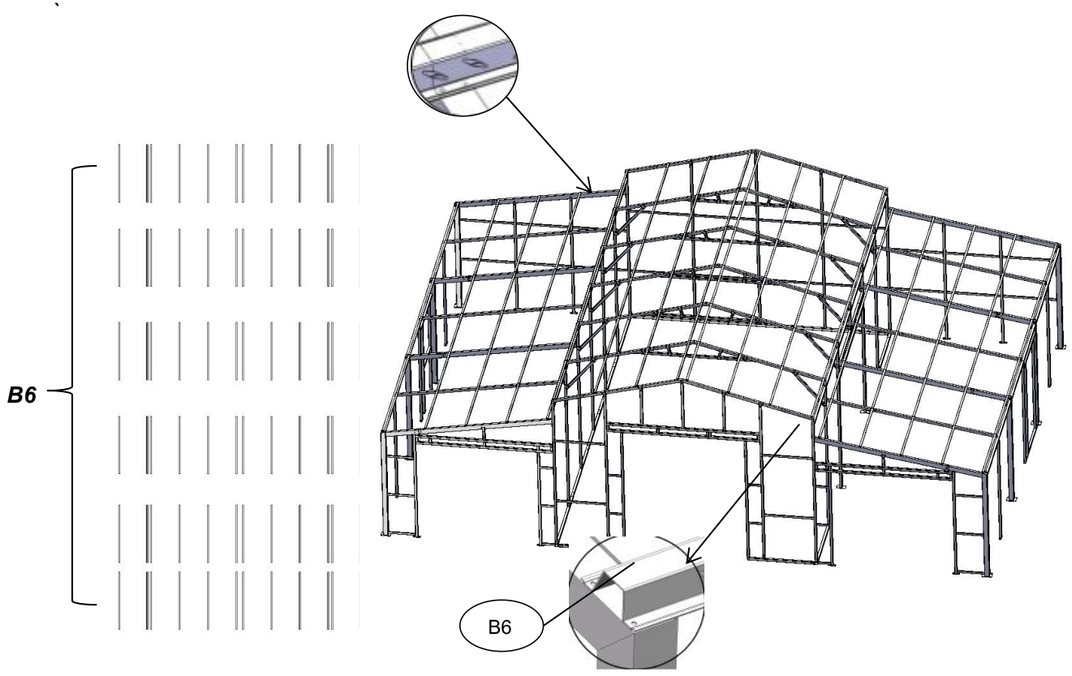
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
A51		2	A52		2
B5		12	L3		24
L4		4	S1		128
S4		8			

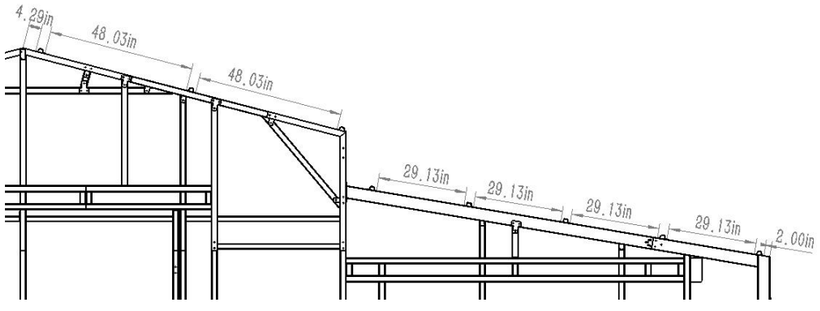
Note: The crossbar is level with the outer edge.



Step 20

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
B6		96		S1		384

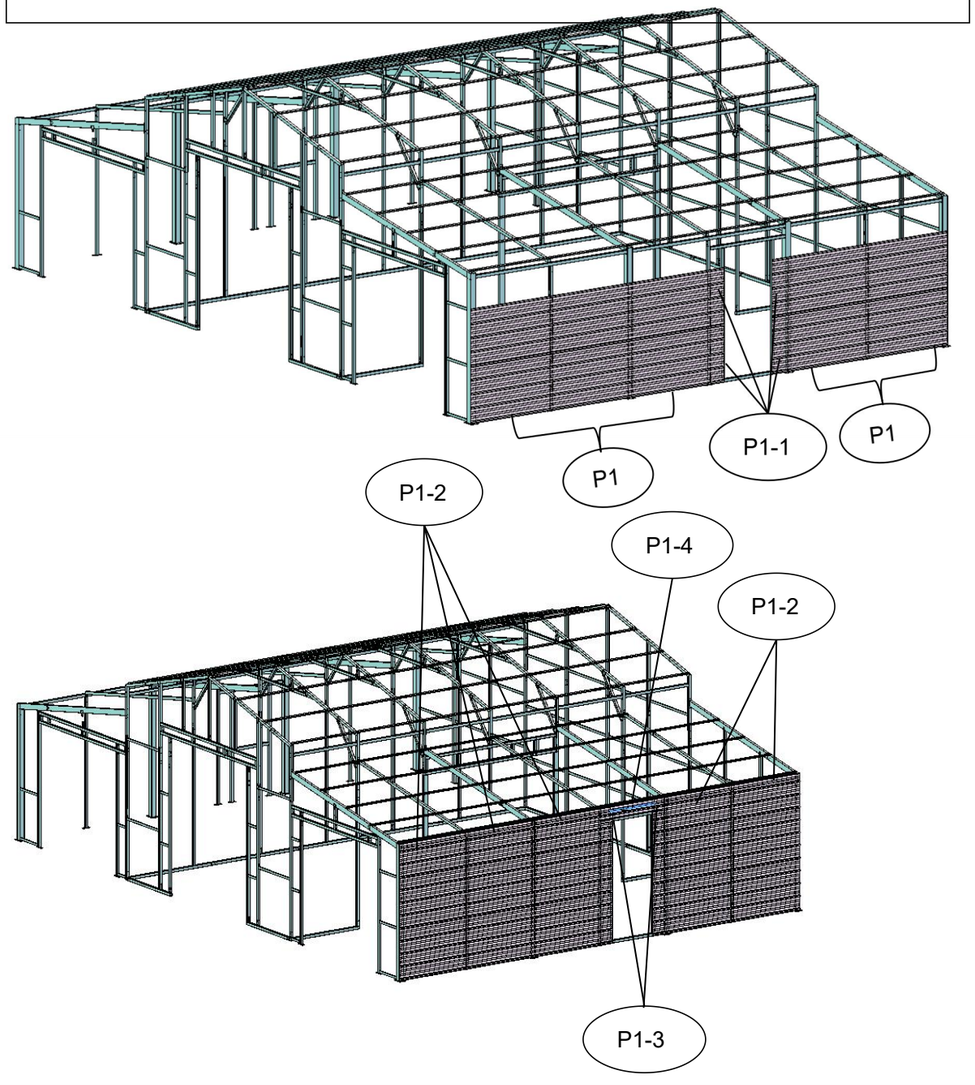




Step 21

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
P1		10		P1-1		4
P1-2		5		P1-3		2
P1-4		1		S1-1		93

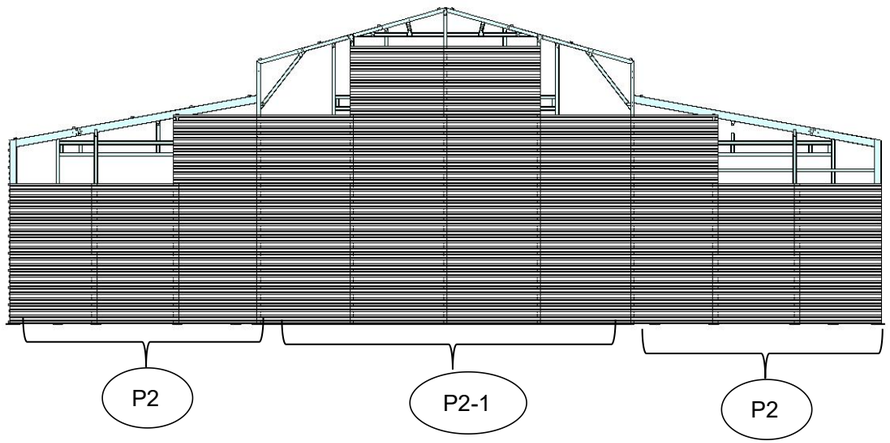
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 22

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P2		14	P2-1		14
S1-1		150			

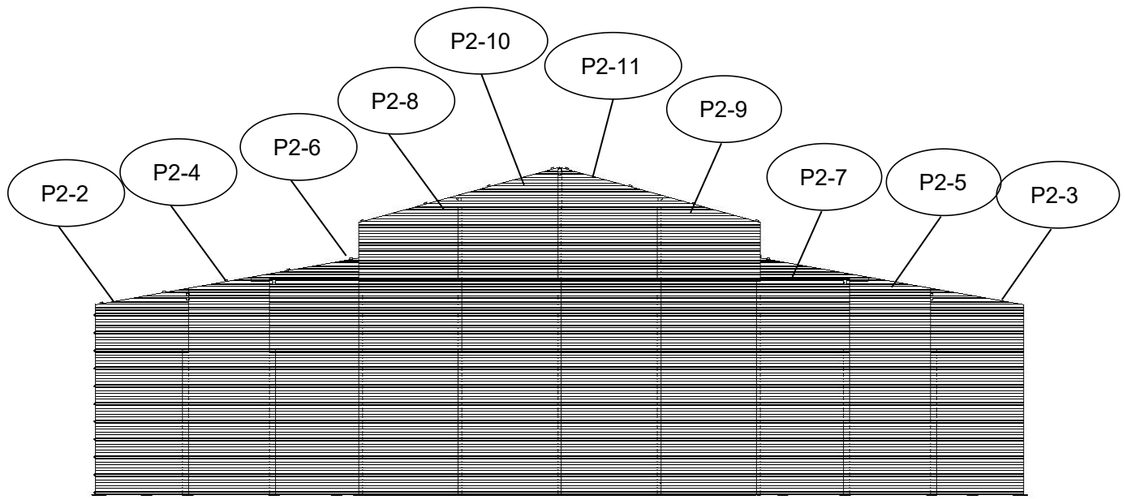
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 23

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P2-2		1	P2-3		1
P2-4		1	P2-5		1
P2-6		1	P2-7		1
P2-8		1	P2-9		1
P2-10		1	P2-11		1
S1-1		33			

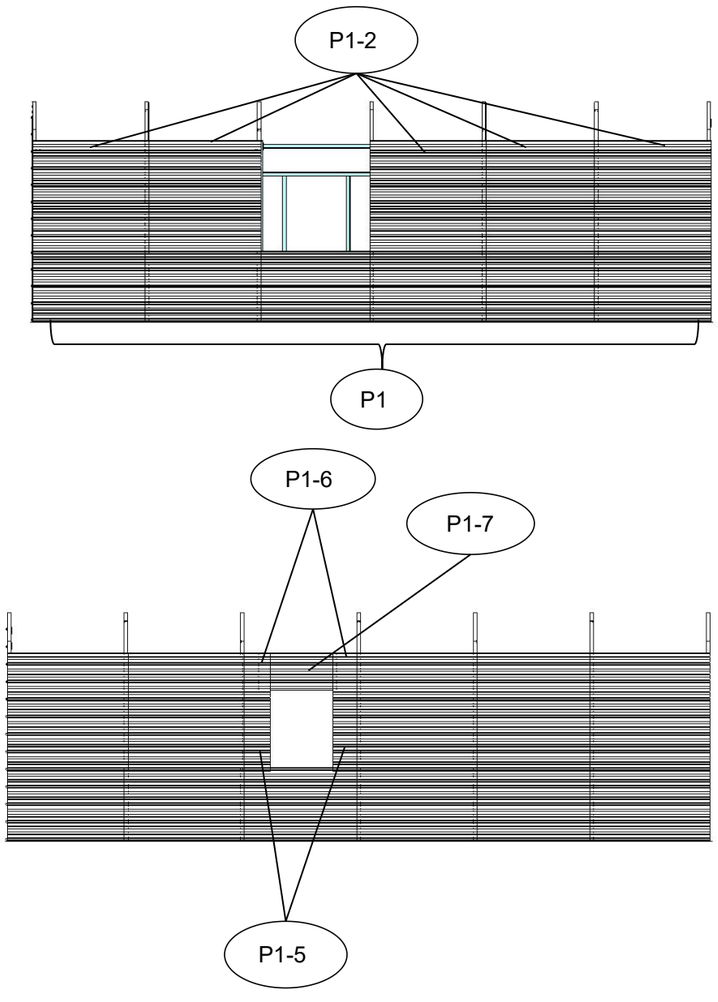
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 24

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P1		11	P1-2		5
P1-5		2	P1-6		2
P1-7		1	S1-1		94

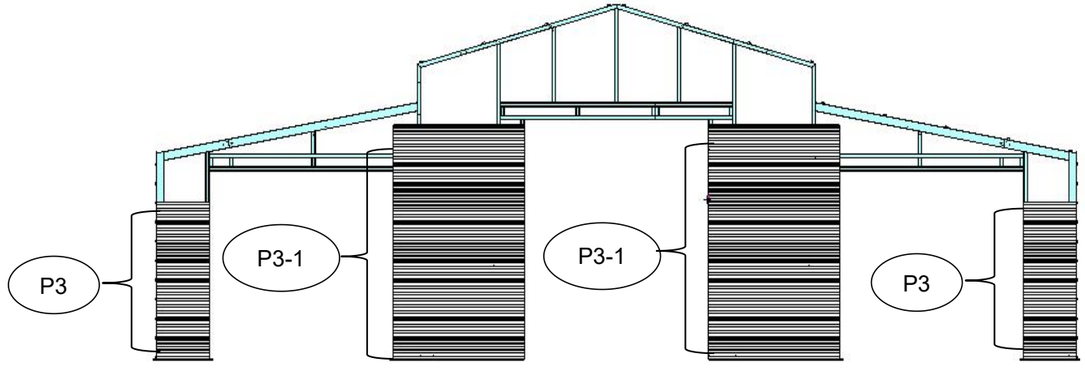
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 25

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P3		4	P3-1		6
S1-1		68			

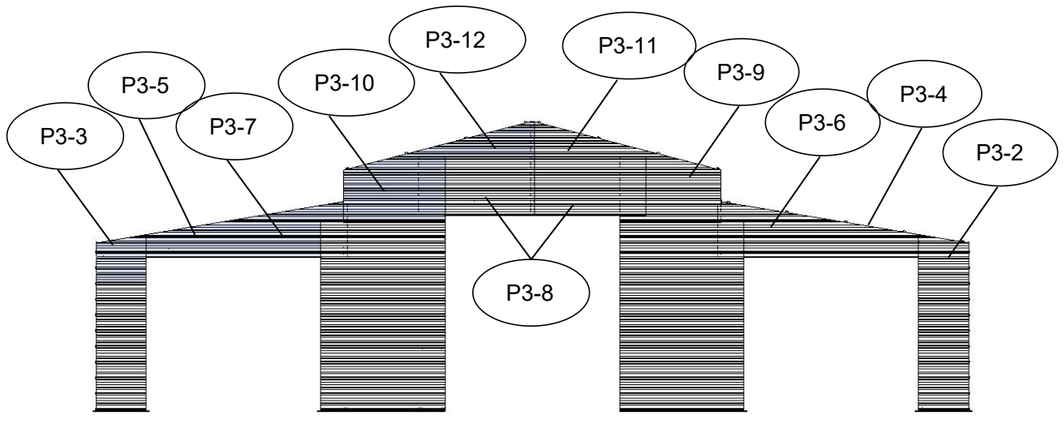
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 26

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P3-2		1	P3-3		1
P3-4		1	P3-5		1
P3-6		1	P3-7		1
P3-8		2	P3-9		1
P3-10		1	P3-11		1
P3-12		1	S1-1		52

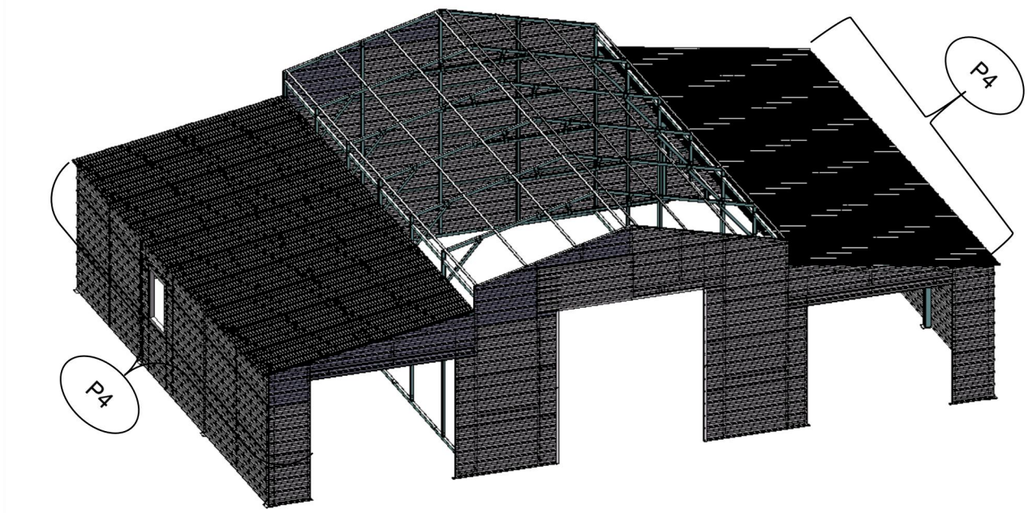
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 27

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P4		40	S1-1		230

When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.

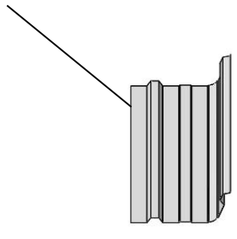


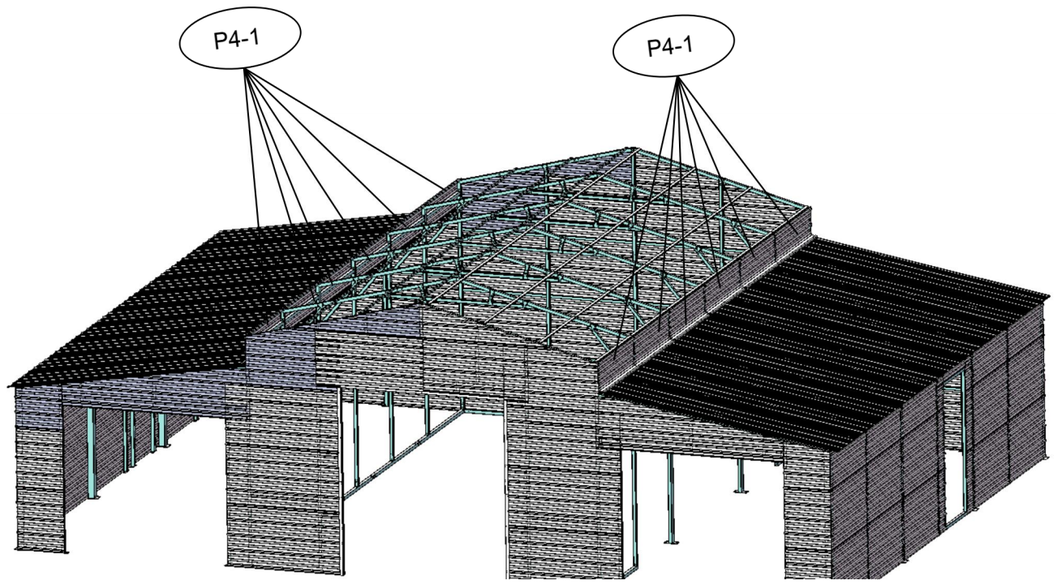
Step 28

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
P4-1		12		S1-1		88

When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.

Be careful to bend this part of P4-1

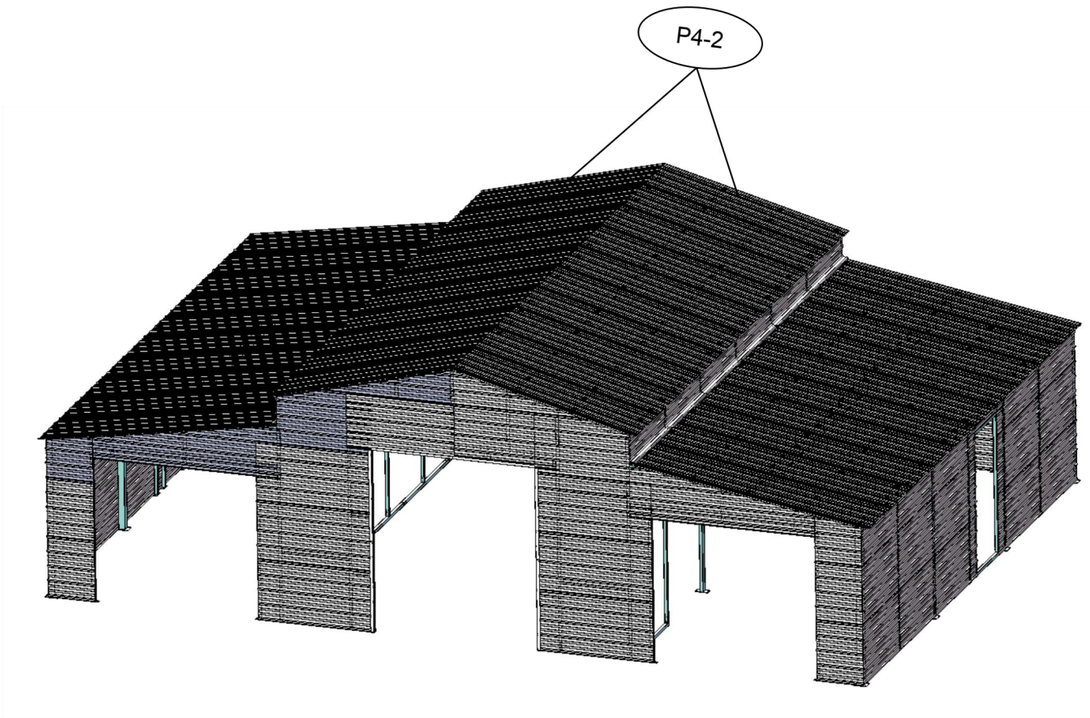




Step 29

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
P4-2		40		S1-1		190

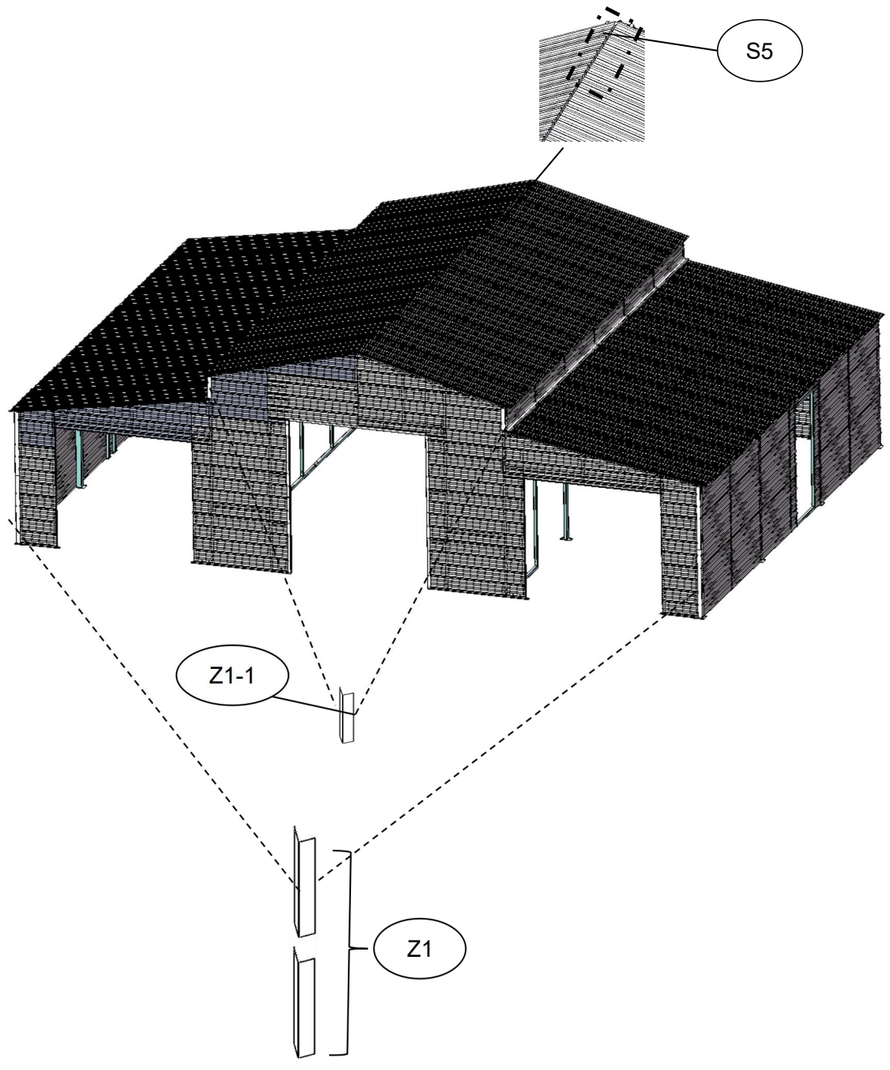
When two panels overlap, make sureupper panel covers the lower panel.
Suggestion: It is recommended to install fixed screws with a spacing of no more than 10″~15″ in the vertical direction.



Step 30

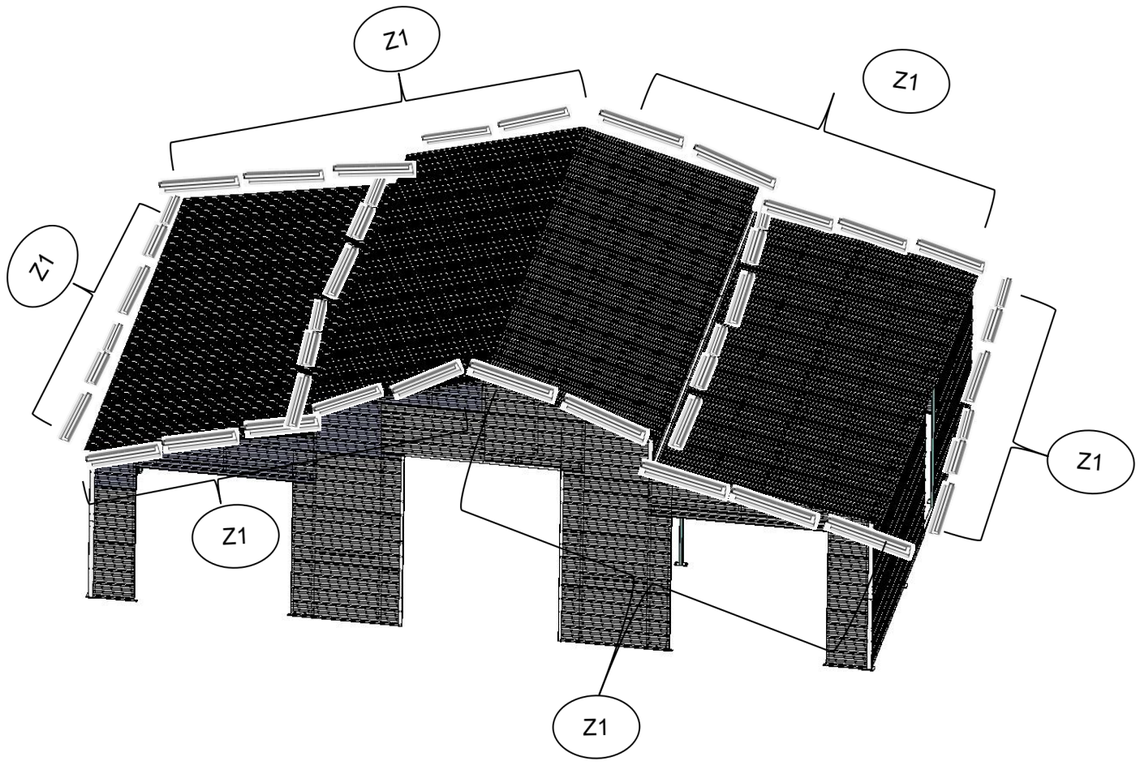
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
Z1		8	Z1-1		4
S1-1		48	S5		3

After the installation of the metal panels at the highest point of the roof is completed, use theprovided tape to stick them together along the gaps between the metal panels for windproof andsealing purposes. (After pasting, the roof is also equipped with protective metal decorative panels,see the installation steps later)



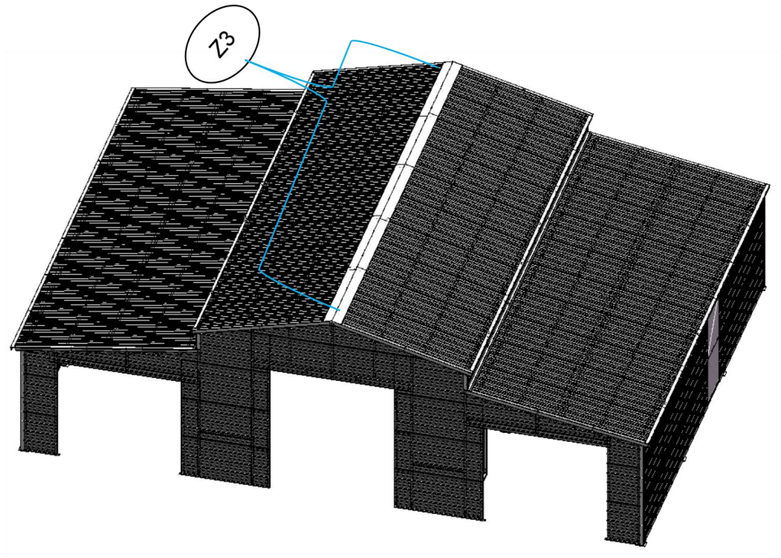
Step 31

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
Z1		44	S1-1		232

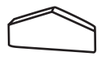


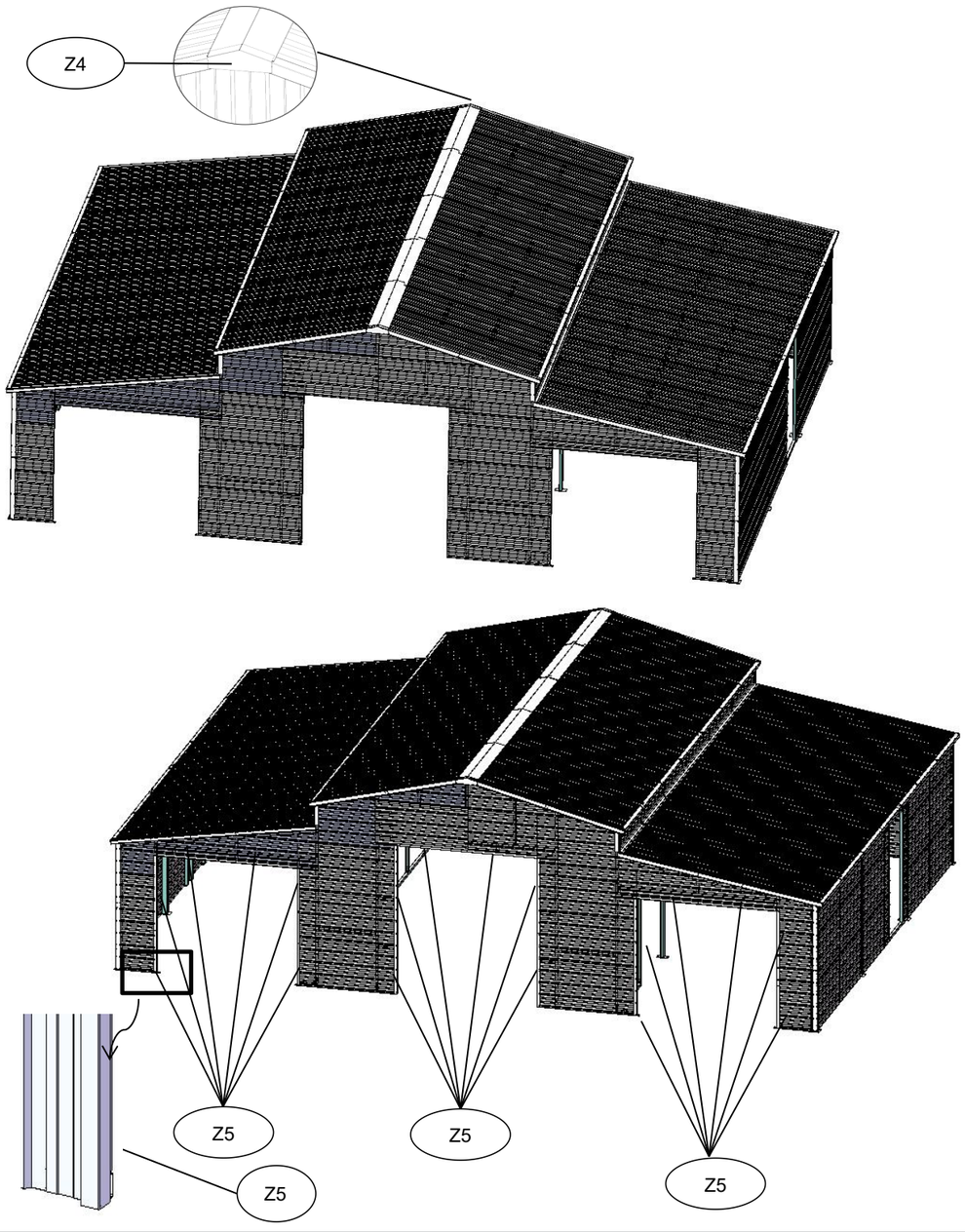
Step 32

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
Z3		5		S1-1		32



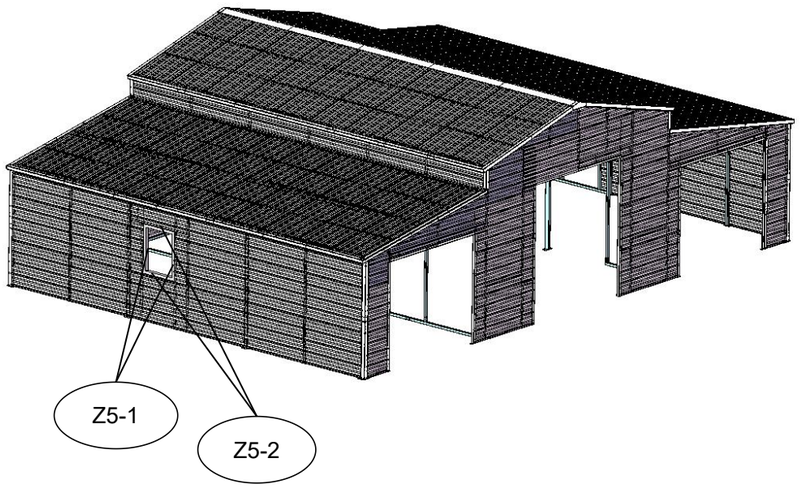
Step 33

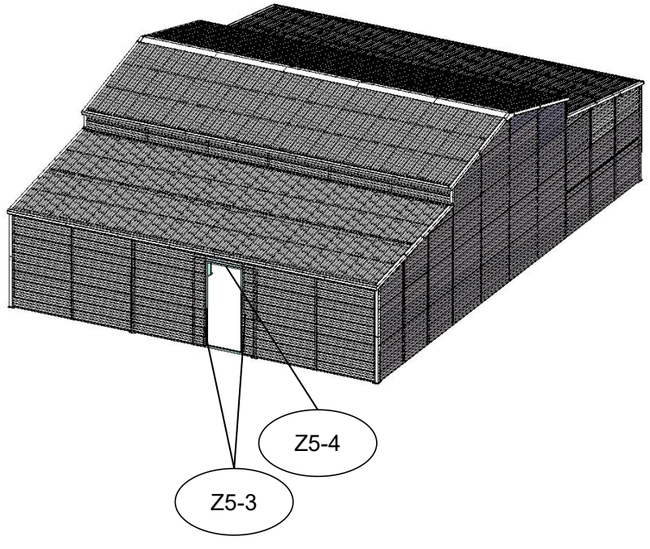
Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
Z4		2		Z5		18
S1-1		98				



Step 34

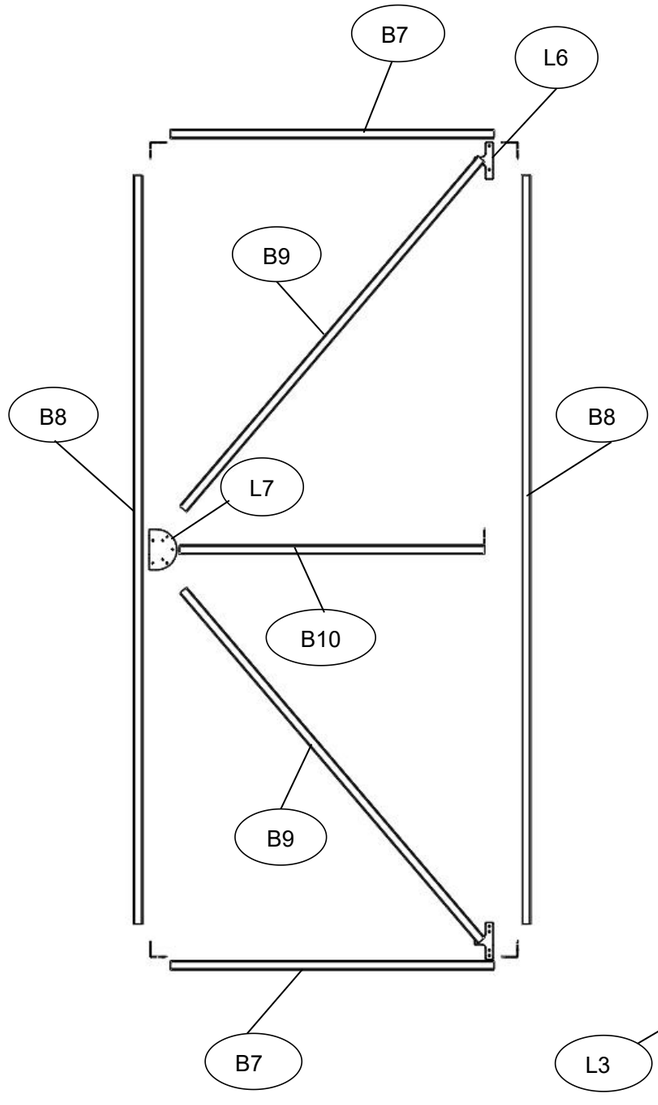
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
Z5-1		2	Z5-2		2
Z5-3		2	Z5-4		1
S1-1		32			

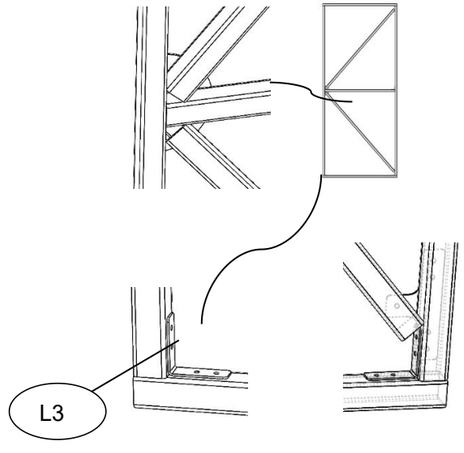




Step 35

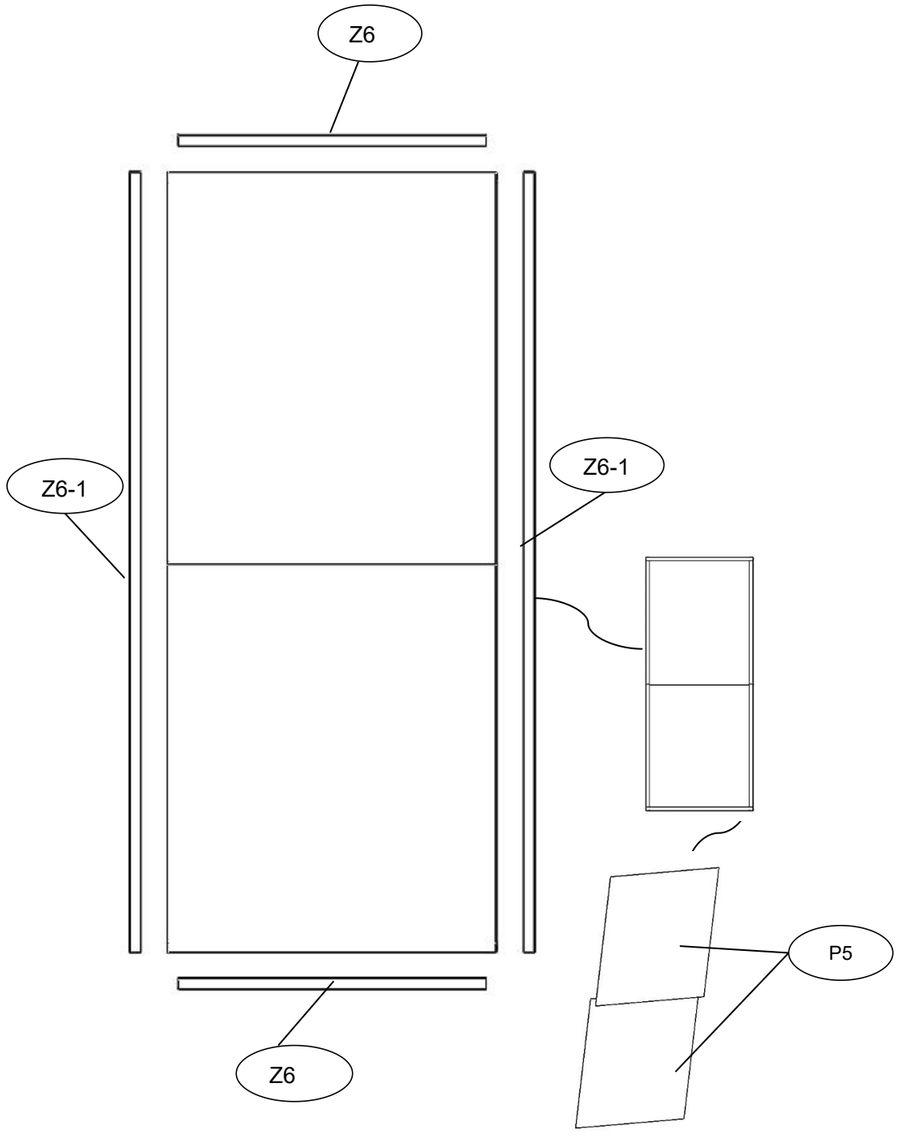
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
B7		2	B8		2
B9		2	B10		1
L3		4	L6		2
L7		1	S1		35





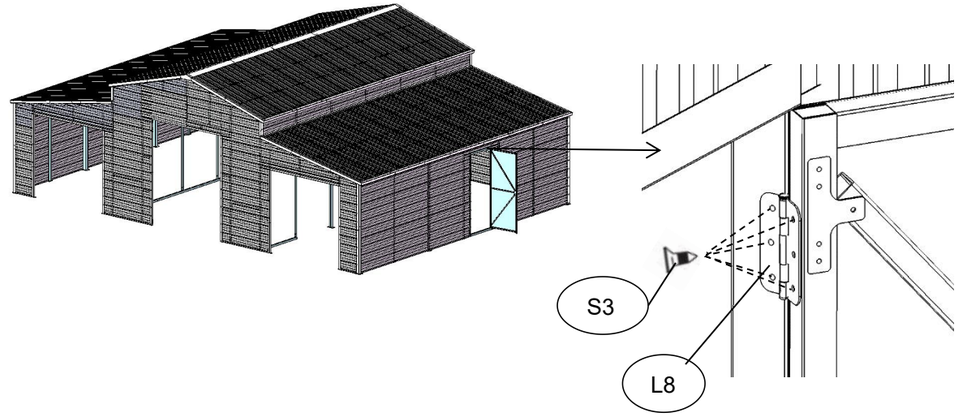
Step 36

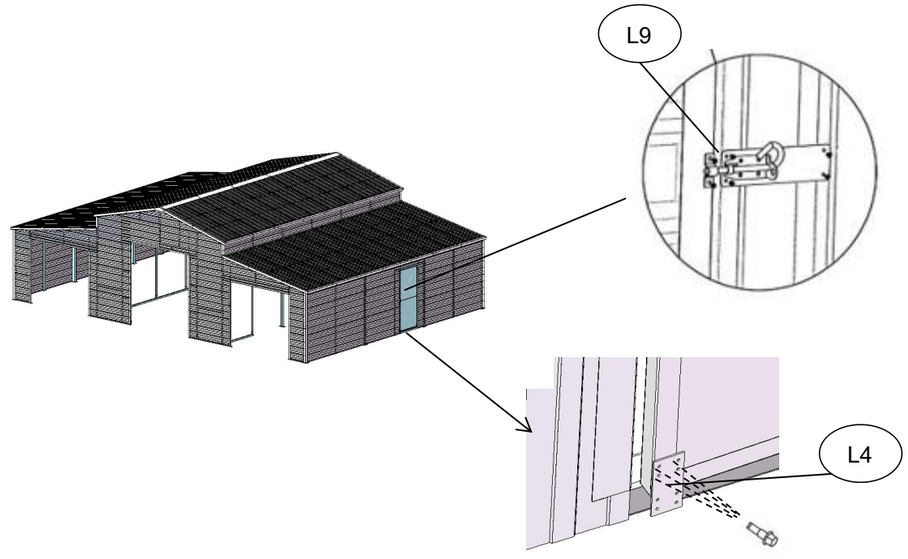
Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
P5		2	Z6		2
Z6-1		2	S1-1		20



Step 37

Item no.	Reference Image	Qty.	Item no.	Reference Image	Qty.
L4		1	L8		2
L9		1	S1		10
S3		12			





Step 38

Item no.	Reference Image	Qty.		Item no.	Reference Image	Qty.
Z7		2		Z7-1		2
Z8		2				

