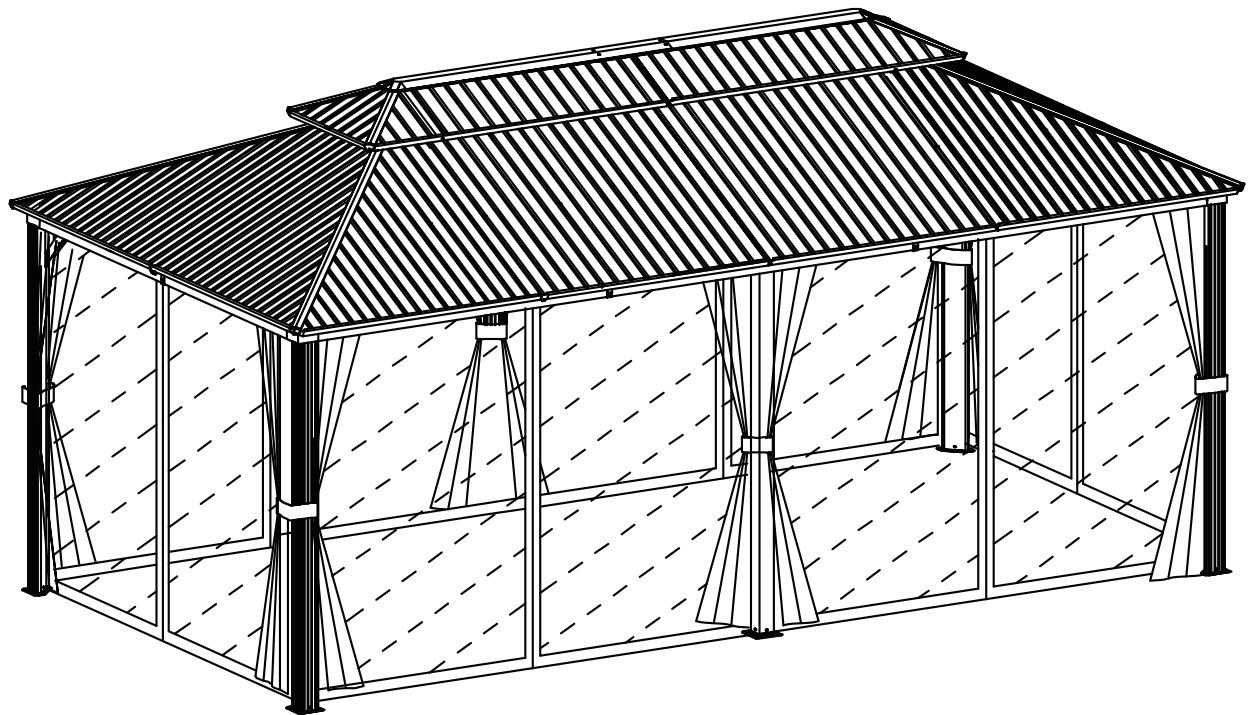


INSTALLATION INSTRUCTIONS

12x20 ft Gazebo



Our team is available 24/7 to help with any product questions. Contact us anytime!

Warning

- Please read and understand this manual carefully before assembly. Before starting to assemble the product, please ensure that all parts are present. Please check the parts against the packing list. If you find any missing parts, please contact us.
- Any assembly or maintenance work on this product must be performed by adults. We recommend that at least two adults be involved.
- Please check your state and local regulations before purchasing. Some areas may require a permit for the installation and use of this product. There may be specific procedures in your area.
- Please install the Pergola on a flat surface. Ground stakes are included with the product to secure the Pergola to the ground.
- Do not assemble the Pergola on sandy, muddy, or loose soil, as the ground stakes will not provide sufficient anchoring in these types of soil.
- If you wish to secure the Pergola to a wooden deck or concrete surface, please use anchor bolts suitable for these surfaces.
- Some parts may contain sharp edges. Protective gloves are recommended.
- Keep children and pets away while assembling the Pergola.
- Regularly check all nuts and bolts to ensure they are tightened.
- Before starting assembly, carefully read each step and ensure you understand each step.
- Please refer to the diagrams. Place all parts from the box in a clean area and lay them flat on the floor in front of you.
- Remove all packaging materials and place them back in the box. Do not discard the packaging materials until assembly is complete.

Maintenance

- Snow must be removed regularly during snowy weather. Remove snow when the snow accumulation on the roof exceeds 2 inches (5 cm). To avoid damage, use a plastic snow rake to remove excess snow and ice from the roof, and be careful to stay clear of falling debris.
- This Pergola is for decorative and shading purposes only and is not designed to withstand severe weather conditions, including strong winds, heavy rain, and heavy snow.
- The steel components of this Pergola are coated with rust-resistant paint. However, due to the inherent properties of steel, oxidation (rusting) may still occur on the surface if the protective coating is scratched. This is not a product defect and is therefore not covered under warranty.
- To minimize this occurrence, it is recommended to handle the product carefully during assembly and handling to avoid scratching the paint. If any scratches or damage occur, it is recommended to immediately repair the scratches with rust-resistant paint (not included).
- Do not use bleach, acid, or other abrasive cleaners on the roof or frame components.
- Please keep these instructions for future reference.

Pre-assembly

TOOLS THAT MAY BE REQUIRED (included in boxes)

***NOTE: Tools /equipment are not shown to actual size and scale.**



ALLEN KEY



Wrench



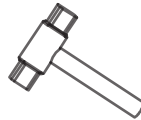
GLOVES

EQUIPMENT REQUIRED (Not included in boxes)

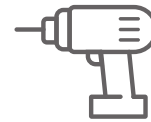
***NOTE: Equipment are not shown to actual size and scale.**



LEVEL



RUBBER MALLET



DRILL



SAFETY HAT



SAFETY GOGGLES



STEPLADDER

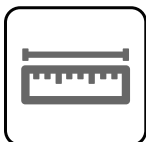
Matters needing attention



1. Two or more people are required for assembly.



2. Do not fully tighten screws prior to complete assembly.



3. Use a spirit level. Before proceeding, check that the device or component is perfectly level.



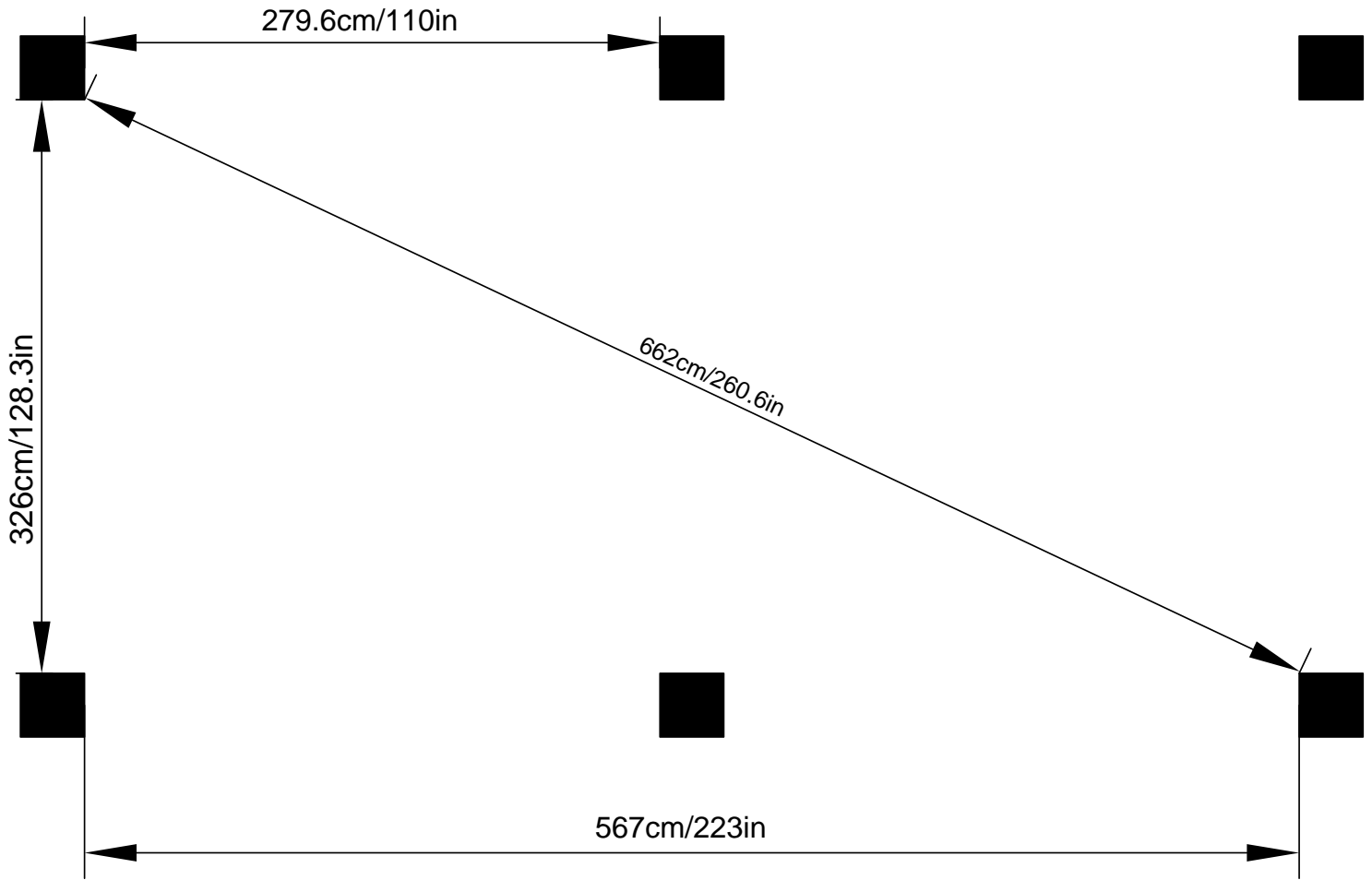
4. Use a square to check: Before tightening the bolts, check that the assembly is square.



5. Do not overtighten the mounting bolts. Overtightening can cause the wood to crack, splinter, and result in other structural damage.

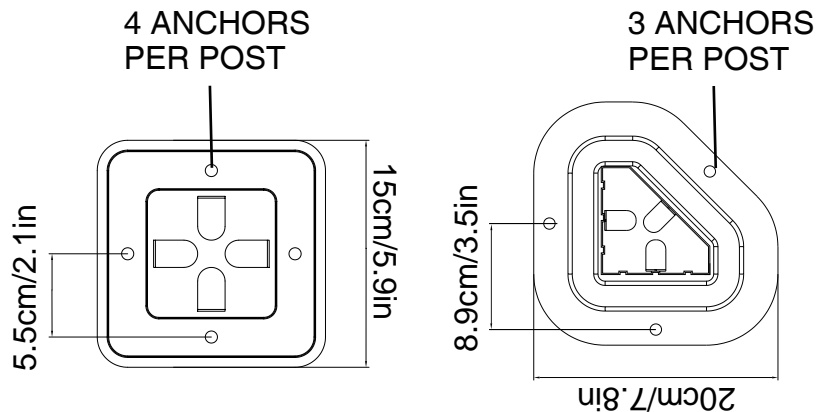
INSTALLATION BLUEPRINT

12'x20'



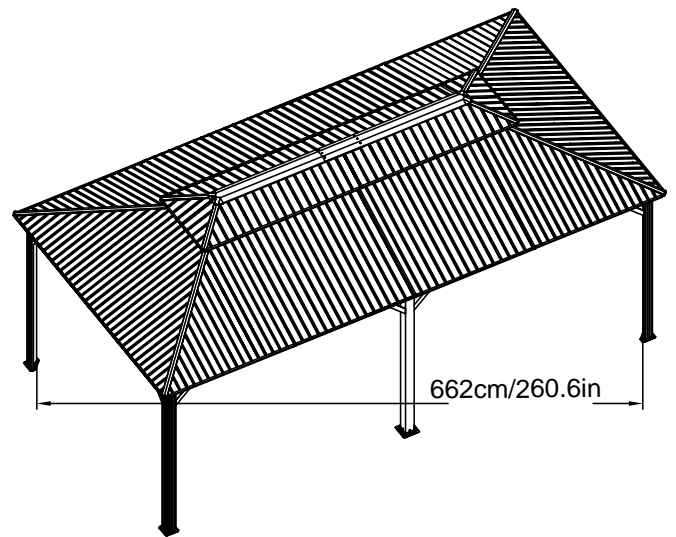
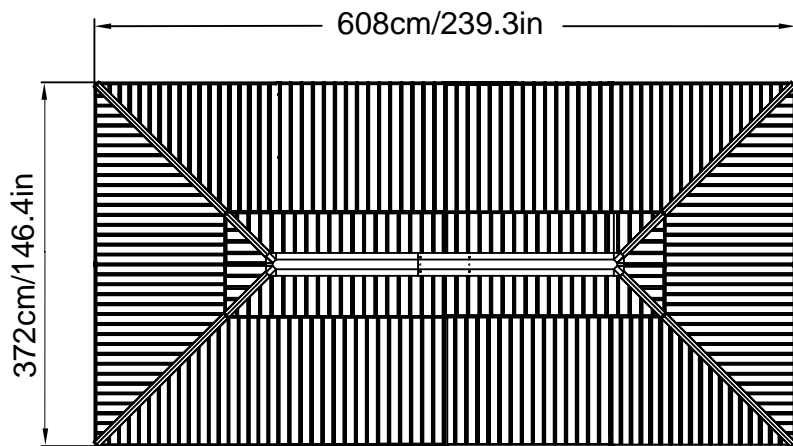
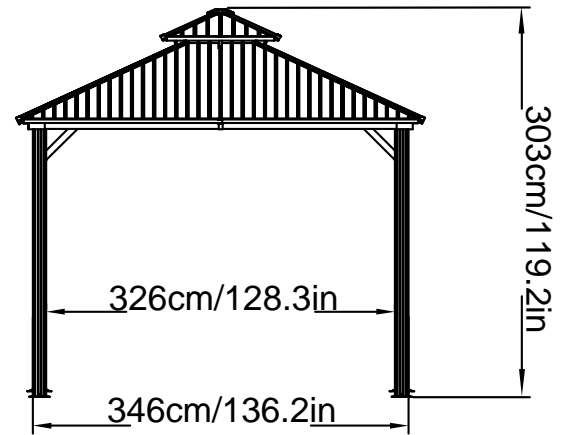
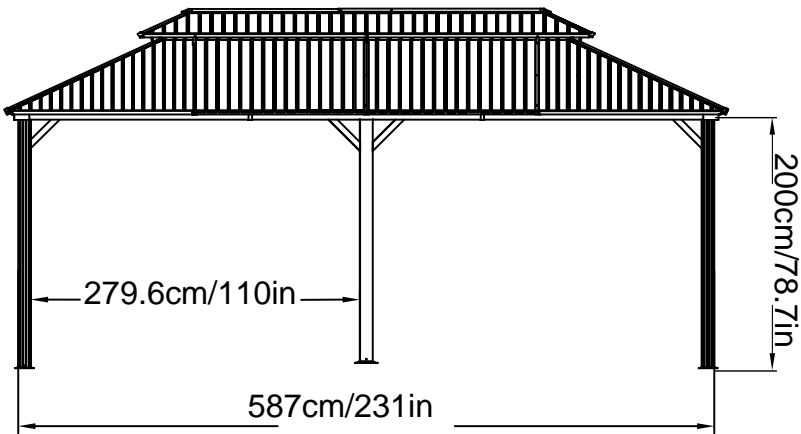
The width dimension error is restricted to 0.19"

Diagonal line error should be limited to 0.39"

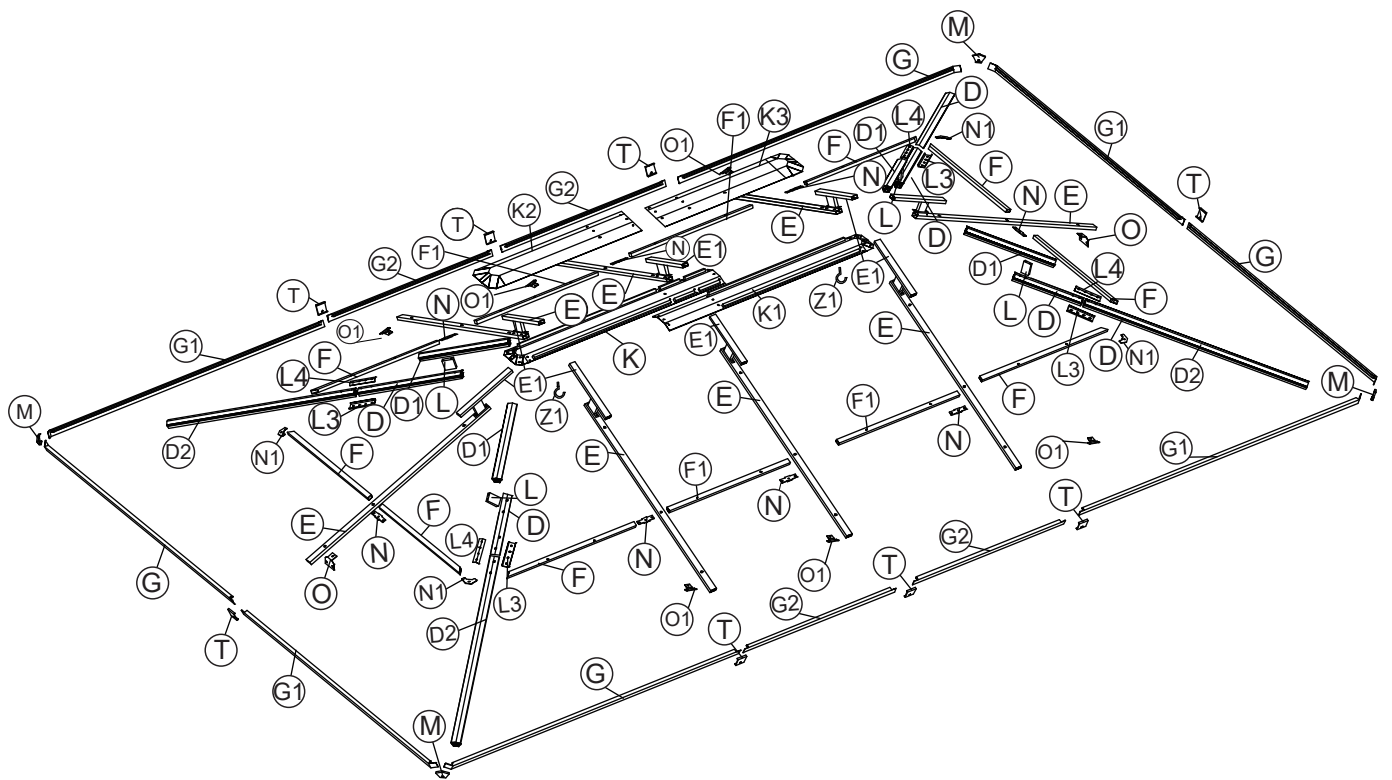
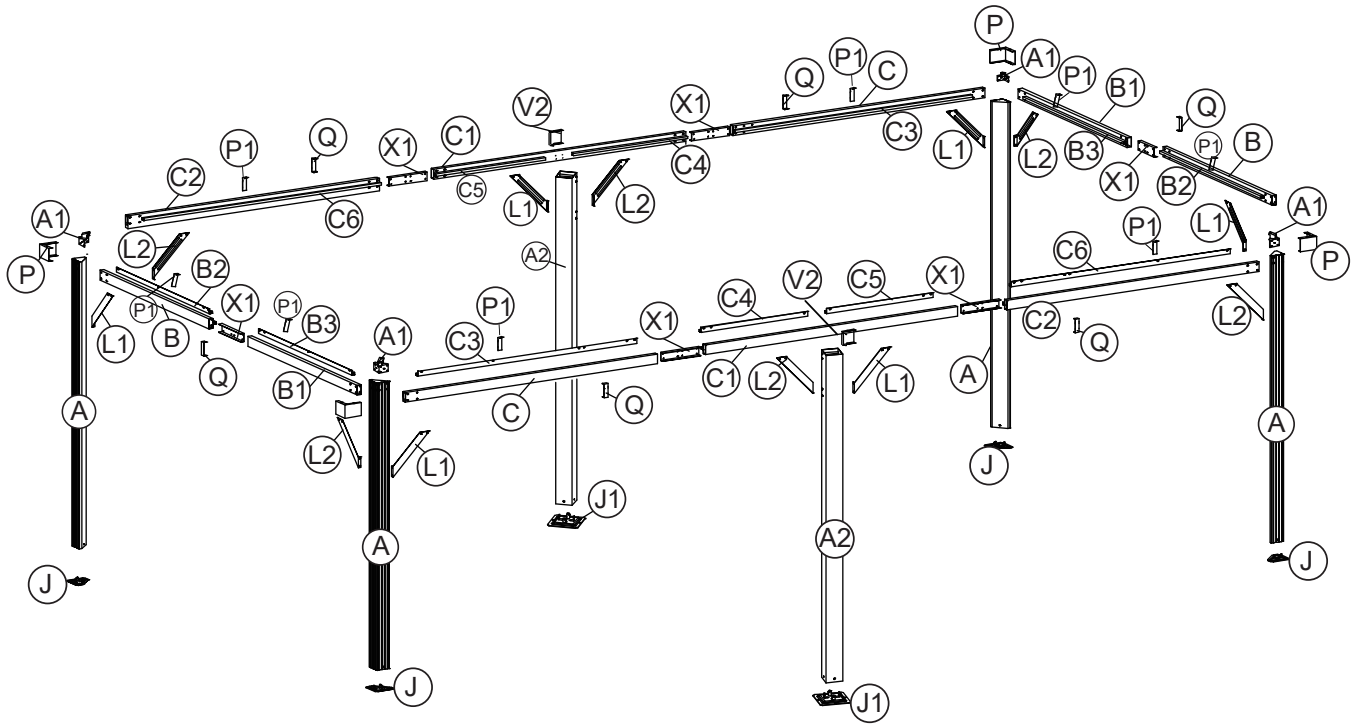


PRODUCT DIMENSIONS

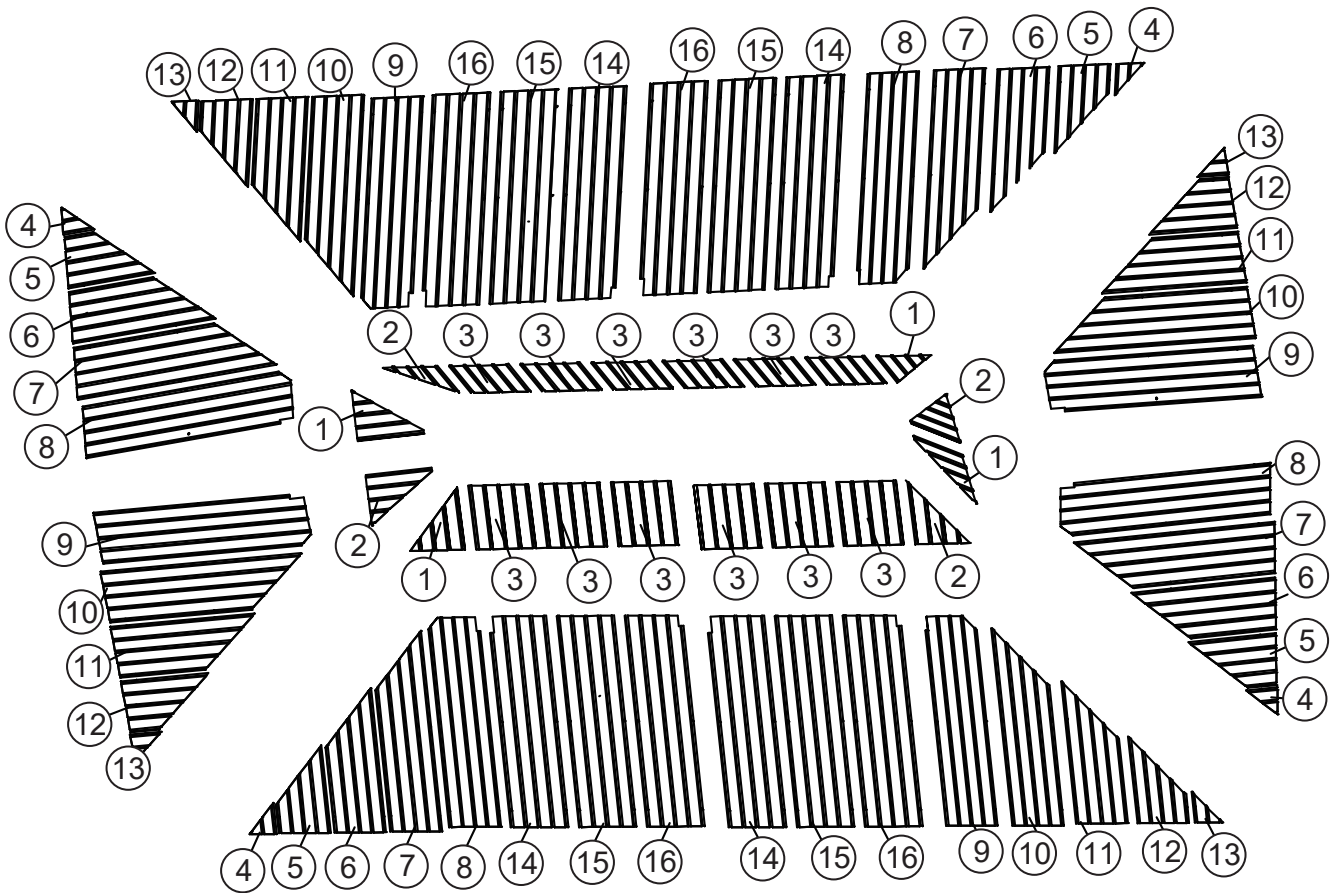
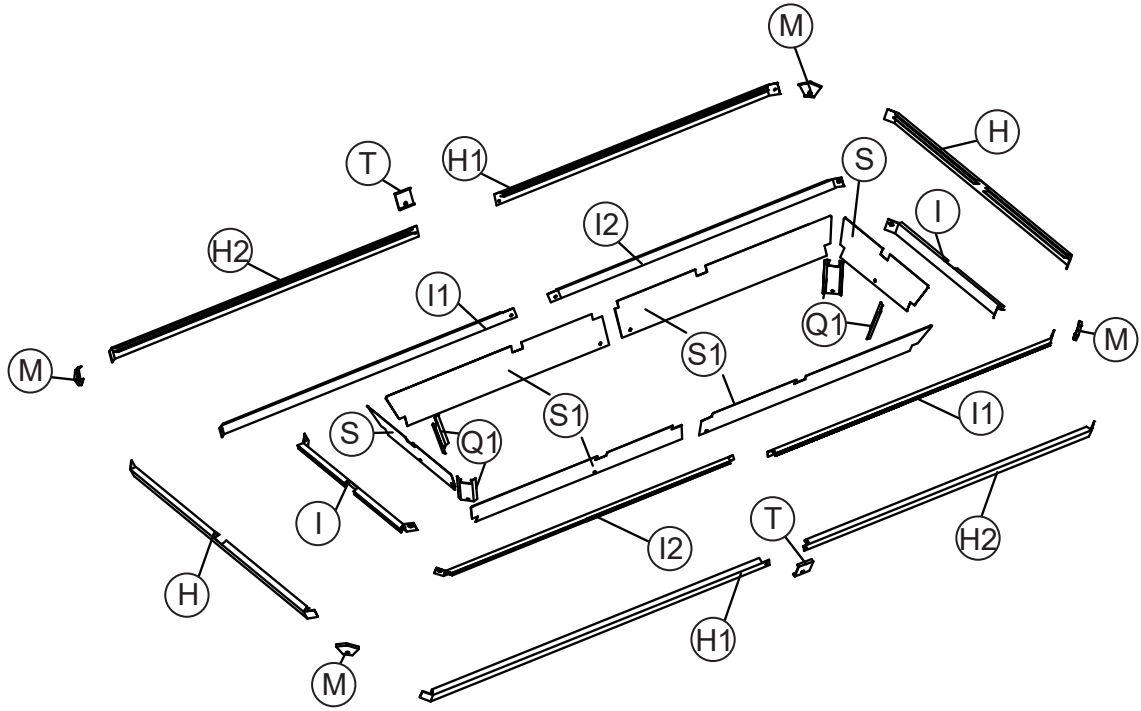
12'x20'







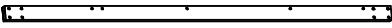


EXPLODED DRAWING





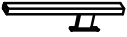














EXPLODED DRAWING





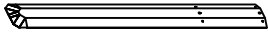
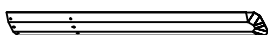




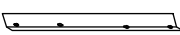





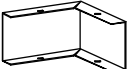
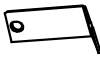

Part Lists

Part Number	Part Image	Description	QTY
A		Pillar	4
A1		connector	4
A2		Column	2
B		Beam	2
B1		Beam	2
B2		Track	2
B3		Track	2
C		Beam	2
C1		Beam	2
C2		Beam	2
C3		Track	2
C4		Track	2
C5		Track	2
C6		Track	2
D		corner beam	4
D1		Short corner beam	4



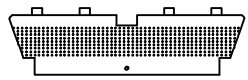
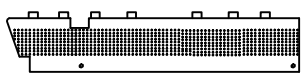

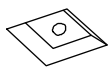



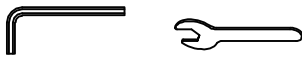
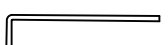

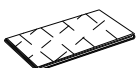
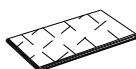
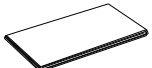
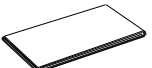
Part Lists

Part Number	Part Image	Description	QTY
D2		Corner Beam	4
E		rafter	8
E1		Short rafter	8
F		purlin	8
F1		purlin	4
F2		support tube	3
G		Edge Trim	4
G1		Edge Trim	4
G2		Edge Trim	4
H		Edge Trim	2
H1		Edge Trim	2
H2		Edge Trim	2
I		Edge Trim	2
I1		Edge Trim	2
I2		Edge Trim	2
J		Chassis	4
J1		Chassis	2



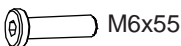






Part Lists

Part Number	Part Image	Description	QTY
K		Bottom piece	1
K1		Bottom piece	1
K2		Top piece	1
K3		Top piece	1
L		connection block	4
L1		Diagonal bracing	6
L2		Diagonal bracing	6
L3		corner beam connection(top)	4
L4		corner beam connection(Bottom)	4
M		Corner Beam Cover Plate	8
N		Purlin Connection	8
N1		Four-corner Purlin Connection	4
O		Rafter Connection	2
O1		Rafter Connection	6
P		corner piece	4
P1		Bracket	8
Q		Beam decorative parts	6










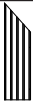






Part Lists

Part Number	Part Image	Description	QTY
Q1		Four corner baffle	4
R		Curtain hook	152
S		Hollow out baffle	2
S1		Hollow out baffle	4
T		Rafter Cover Plate	10
U		Tile Pad	48
V2		cover plate	2
X1		Connection	6
Z1		Hook	3
Z2		Hex key	1
Z4		Ground spike	20
Z7		Track Cap	8
⑱		Mesh	4
⑱-1		Mesh	2
⑲		Curtain	4
⑲-1		Curtain	2

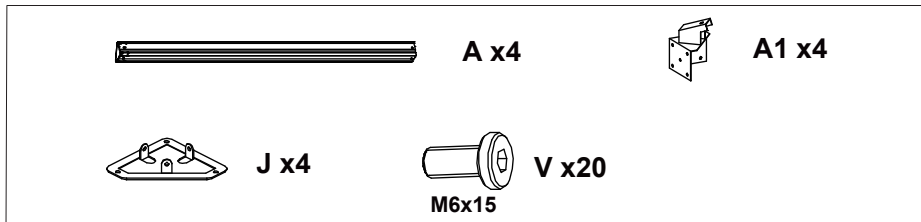
Hardware Pack

Part Number	Part Image	Description	QTY
V	 M6x15	Screw	308
V1	 M6x130	Screw	8
V3	 M6x55	Screw	16
W	 M6x25	Screw	16
X	 M6x48	Screw	32
Y		Screw	40
Z		Screw	10
Z3		Nut	56
②0		Expansion bolt	20

Iron Tile Lists

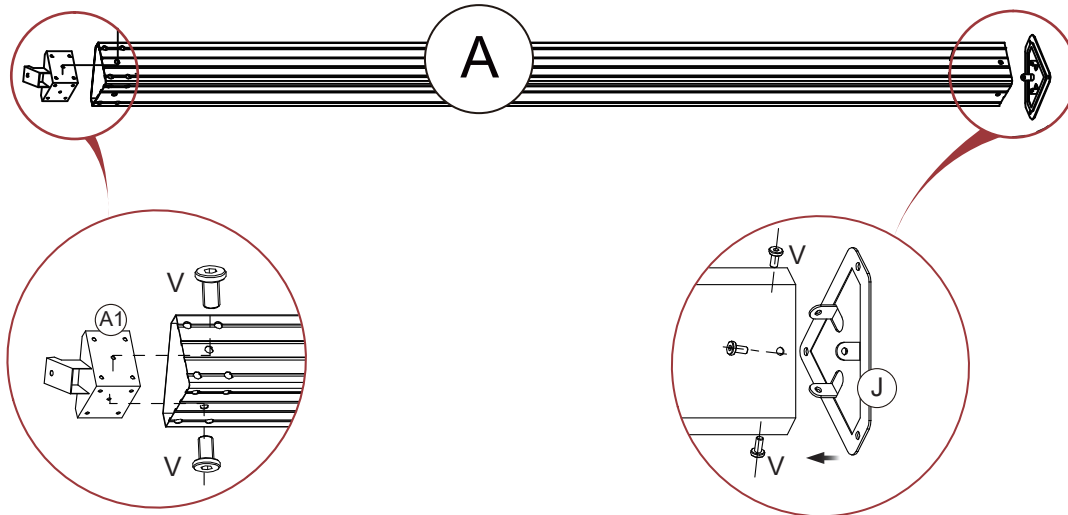
Part Number	Part Image	QTY
①		4
②		4
③		12
④		4
⑤		4
⑥		4
⑦		4
⑧		4
⑨		4
⑩		4
⑪		4
⑫		4
⑬		4
⑭		4
⑮		4
⑯		4

STEP 1: Install upright posts

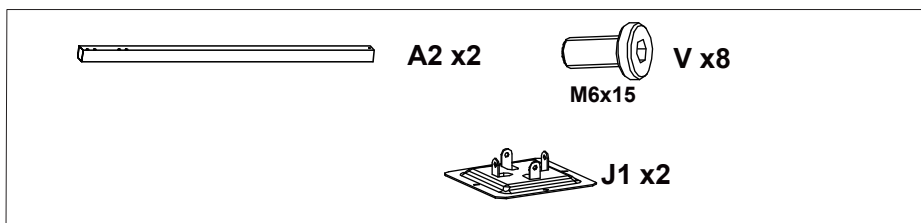


X4

1. Insert connector A1 (4 pcs) into Pillar A (4 pcs) and secure with V (8 pcs).
2. Place Chassis J under Pillar A (4 pcs) and connect it with V Screw (12 pcs)

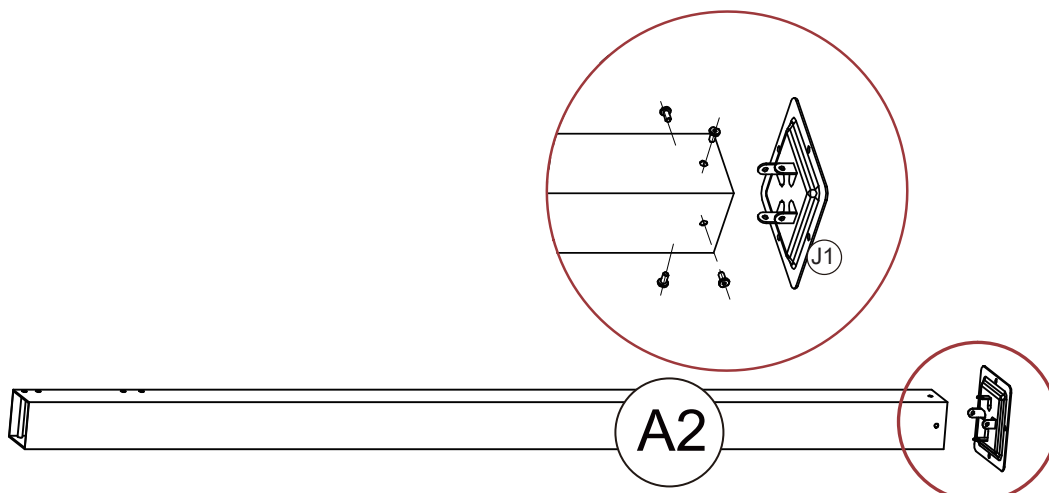


STEP 2: Install upright posts

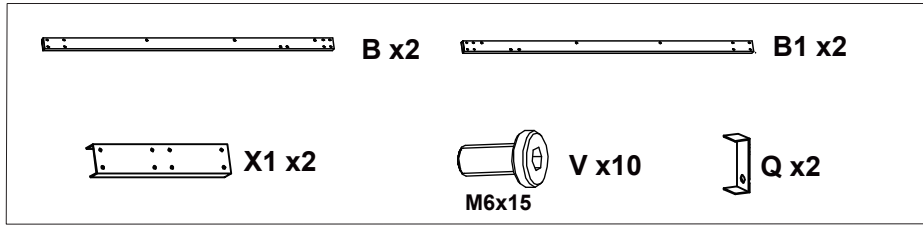


X2

1. Place Chassis J1 (2 pcs) under Column A2 (2 pcs) and connect with V (8 pcs).

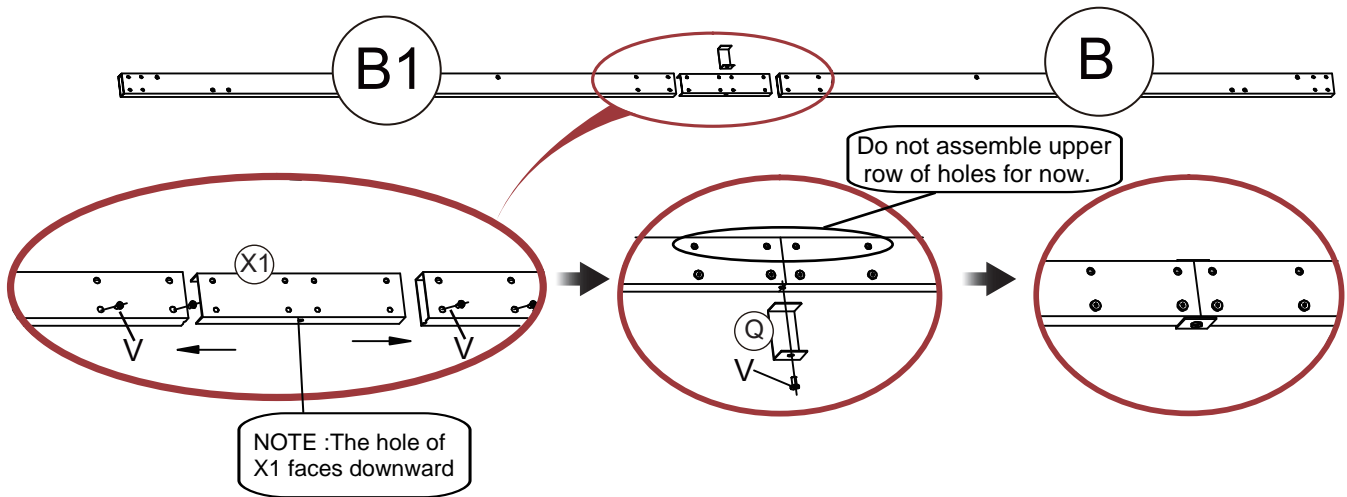


STEP 3: Install the crossbeam

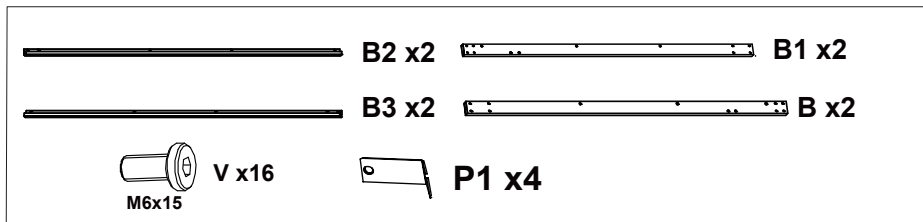


X2

1. Insert connector X1 (2 pcs) into both beam B (2 pcs) and beam B1 (2 pcs), and secure with screw V (8 pcs).
2. Place decorative part Q (2 pcs) in the middle of the beam and secure with V (2 pcs).

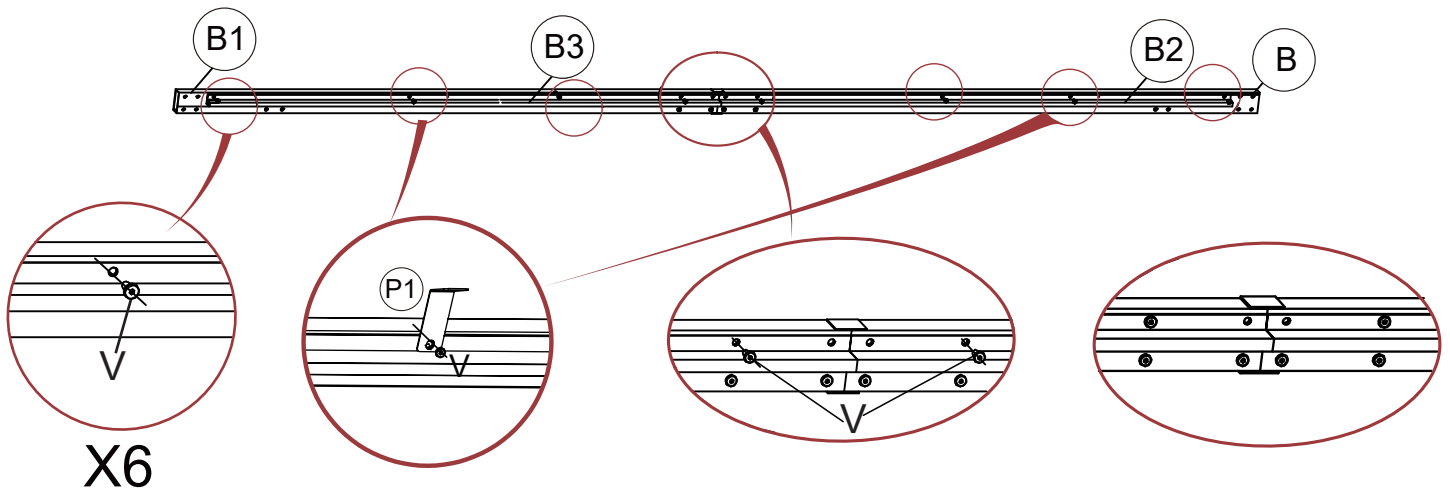


STEP 4: Install the crossbeam

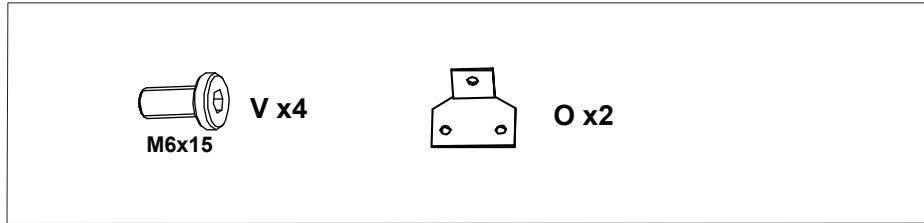


X2

1. Secure Track B2 (2 pcs) and Track B3 (2 pcs) to assembled beam B (2 pcs) and beam B1 (2 pcs) with V (16 pcs).
2. Place bracket P1 (4 pcs) over B2/B3, sharing one screw hole.

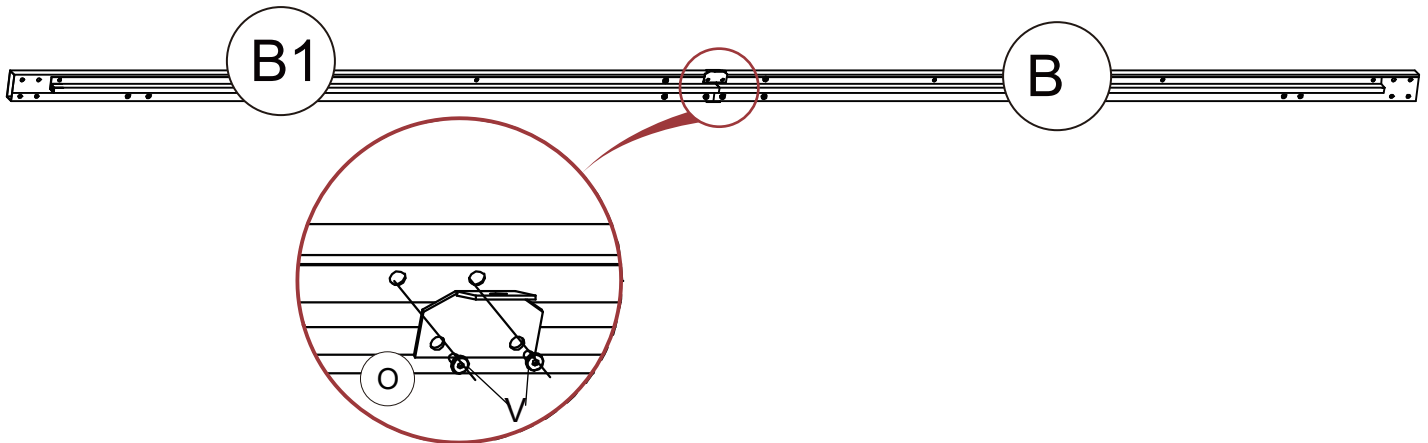


STEP 5: Install the crossbeam

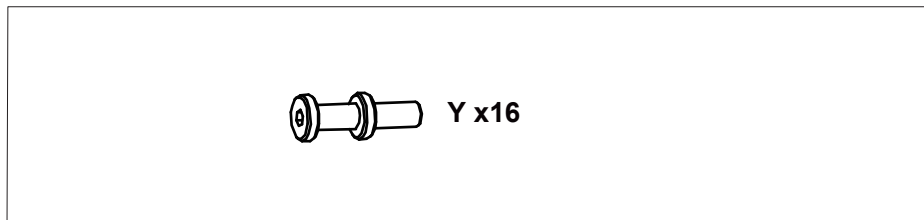


X2

1. Secure connector O(2pcs) to beam B and beam B1 with V(4pcs).

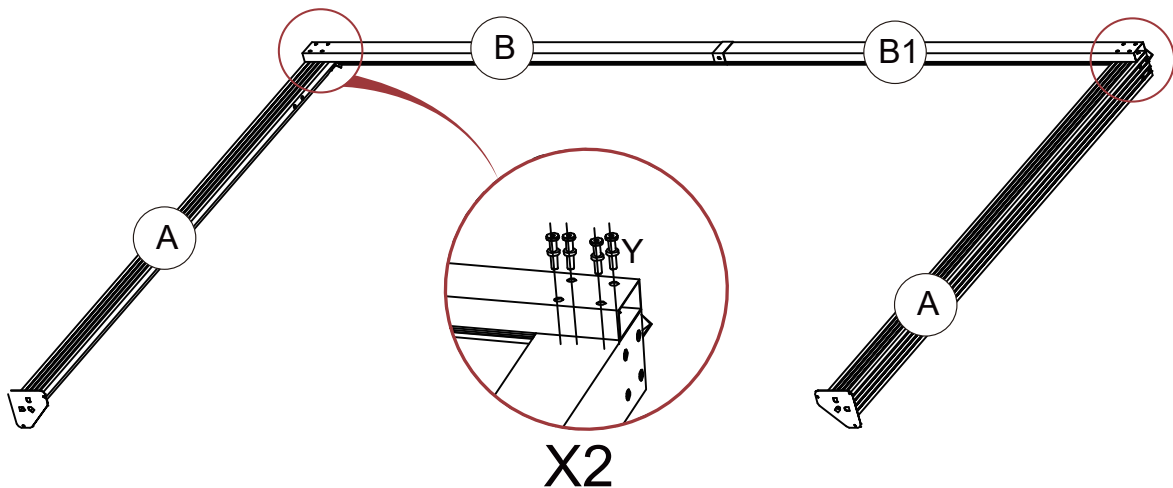


STEP 6: Assembly Framework

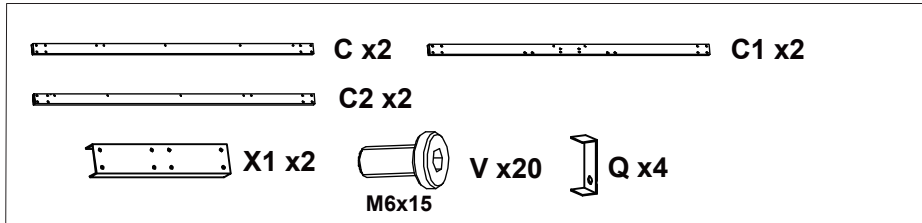


X2

1. Assemble STEP1 and STEP5 with screw Y(16pcs).

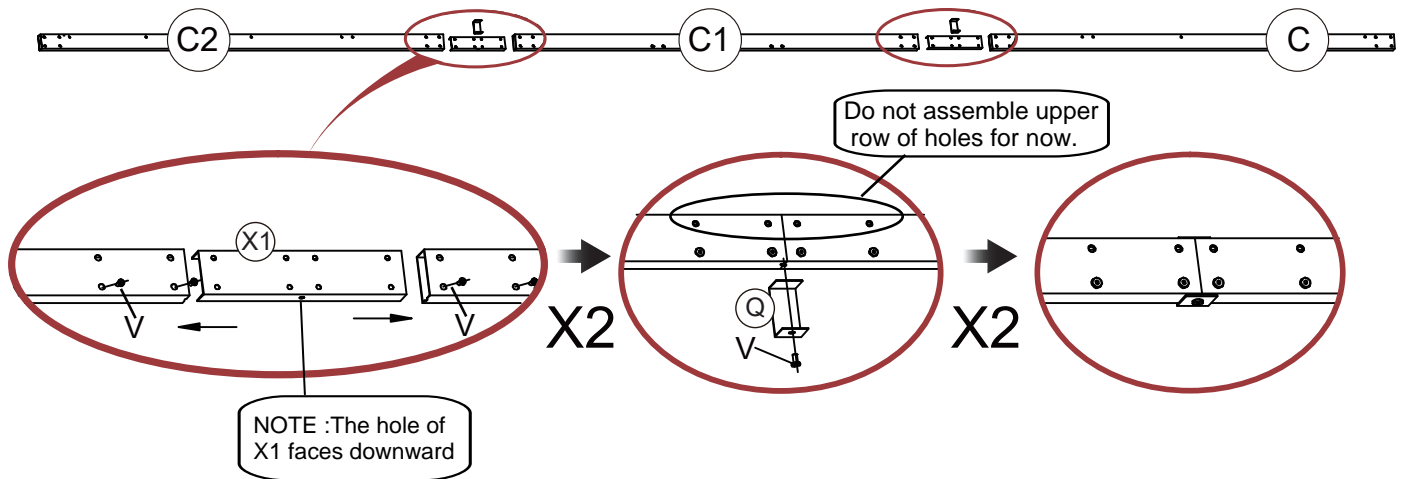


STEP 7: Install the crossbeam

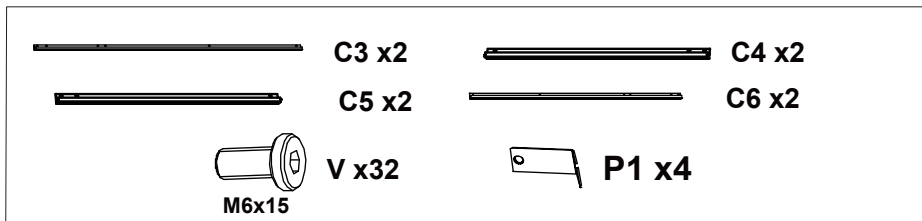


X2

1. Insert connector X1 (2pcs) into both beam C (2pcs) and C1 (2pcs) and C2 (2pcs), and secure with screw V (16pcs).
2. Place decorative part Q (4pcs) in the middle of the beam and secure with V (4pcs).

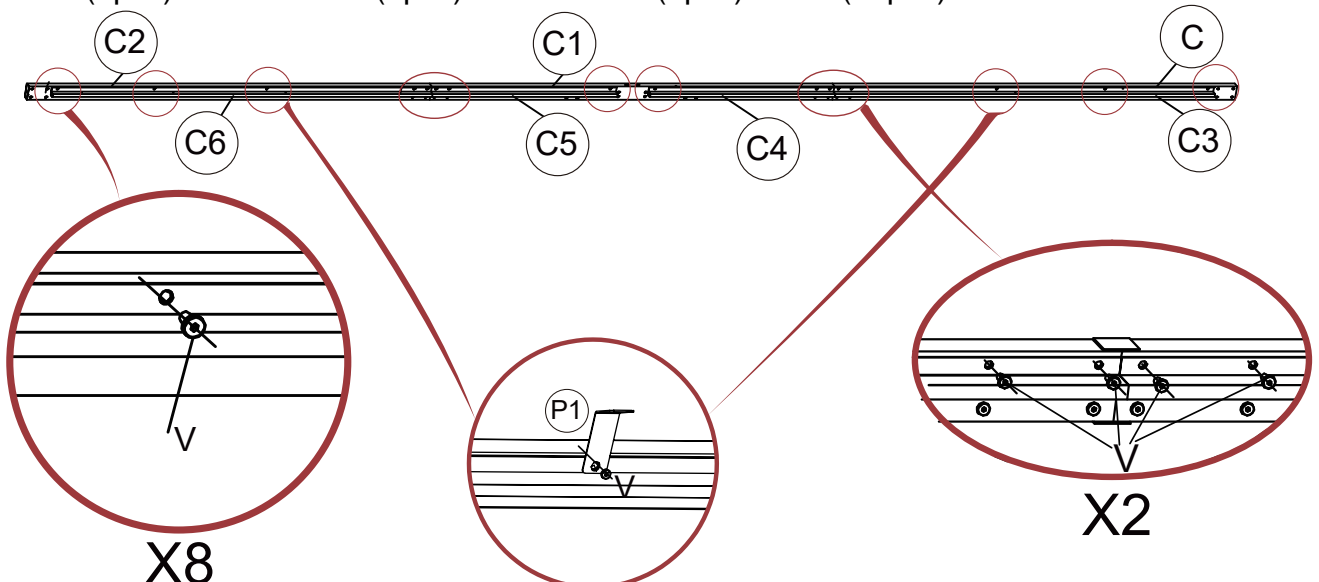


STEP 8: Install the crossbeam



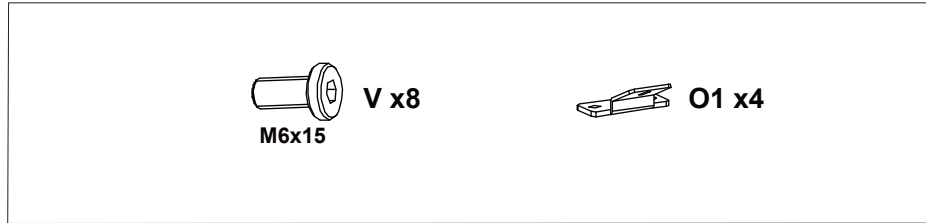
X2

1. Secure Track C3 (2pcs) and Track C4 (2pcs) and Track C5 (2pcs) and Track C6 (2pcs) to assembled beam C (2pcs) and beam C1 (2pcs) and beam C4 (2pcs) with V (32pcs).



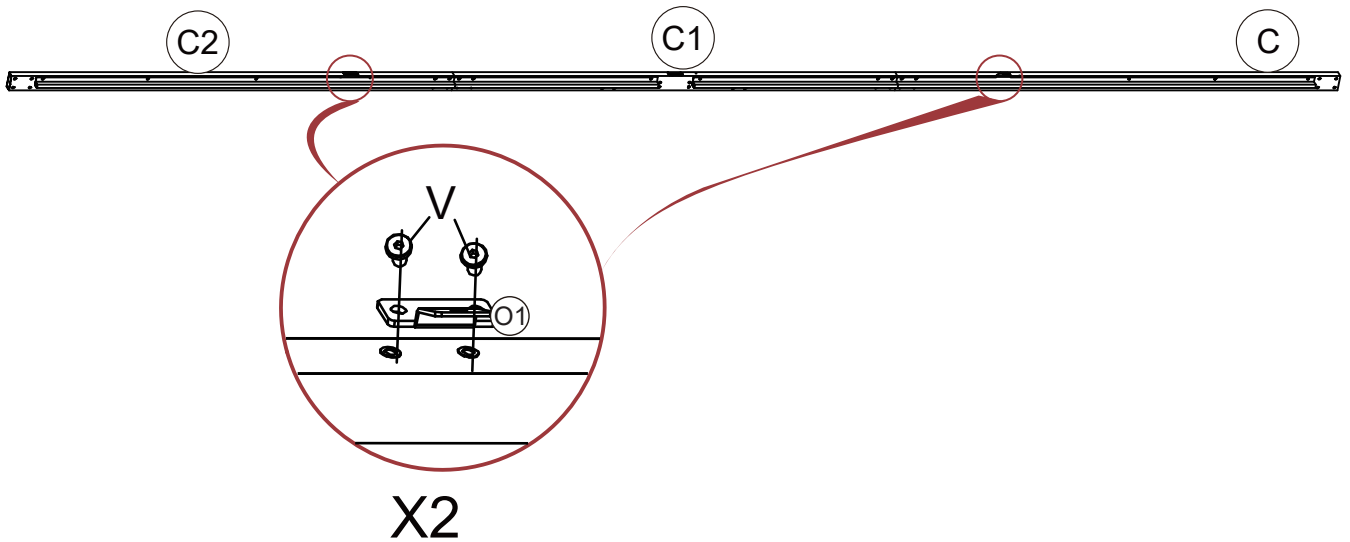
2. Place bracket P1 (4pcs) over B2/B3, sharing one screw hole.

STEP 9: Install the crossbeam

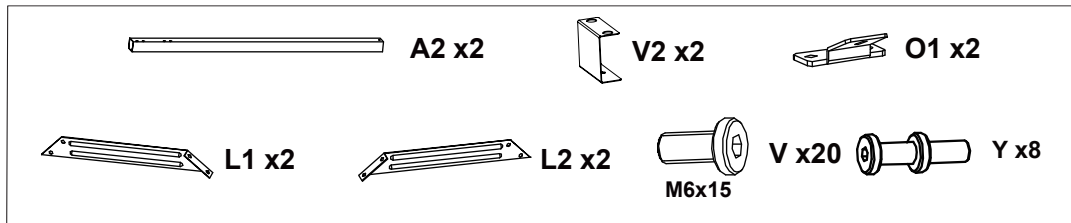


X2

1. Secure rafter connection O1(4pcs) to beams C/C1/C2 with screw V(8pcs).

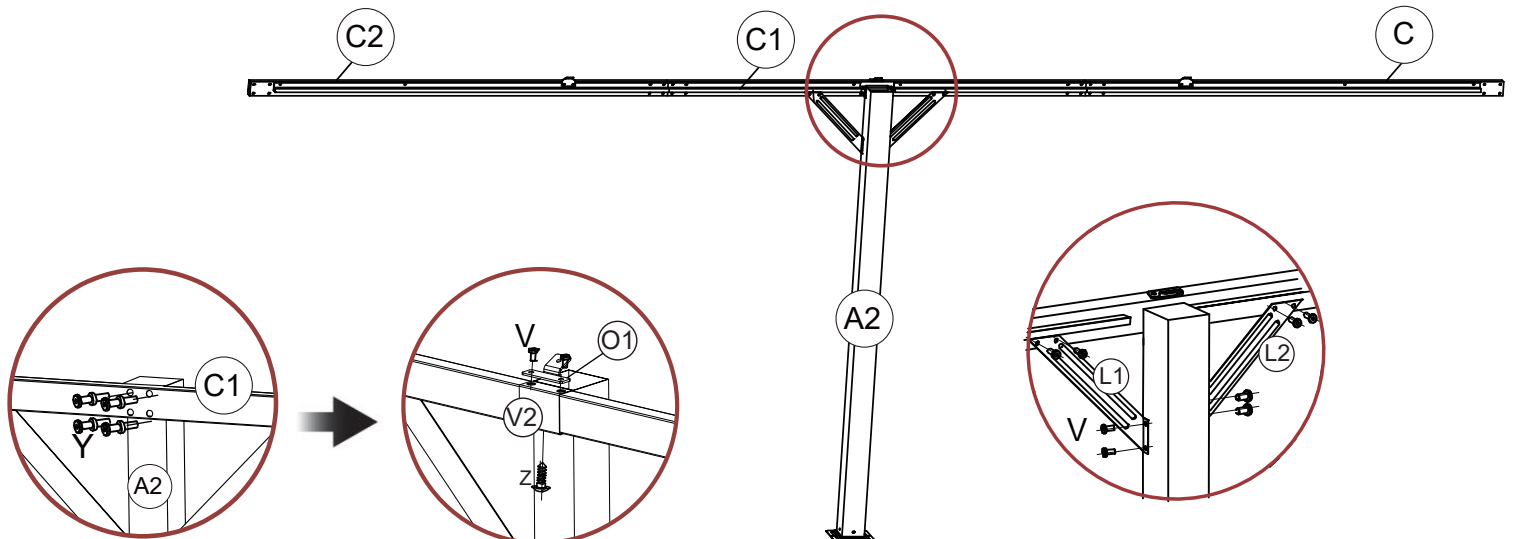


STEP 10: Install the crossbeam

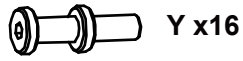


X2

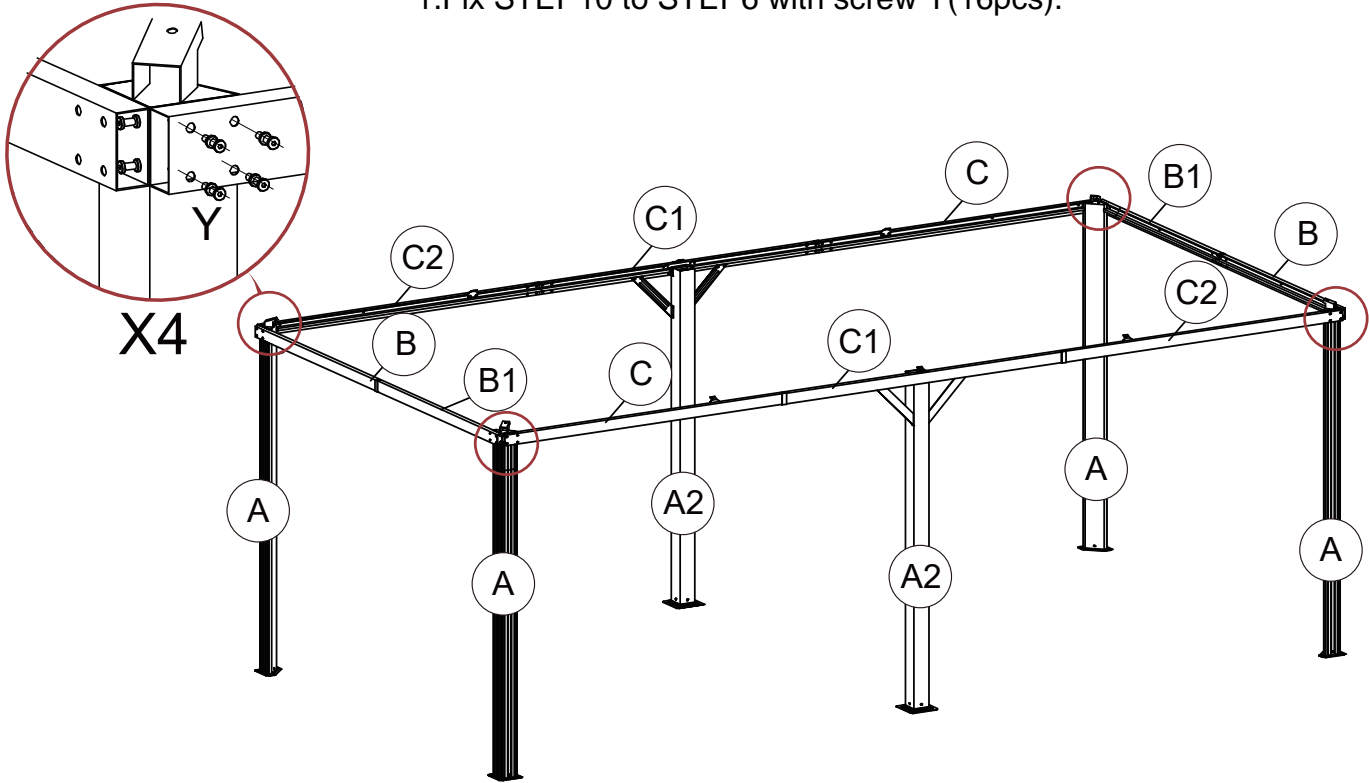
1. Connect beam C1 to column A2 with Y(8pcs); 2. Fix cover plate V2(2pcs) to C1 with screw Z(2pcs), then secure rafter connection O1(2pcs) with screw V(4pcs); 3. Secure Diagonal bracing L1(2pcs) and Diagonal bracing L2(2pcs) to beam C1 and column A2 with screw V(16pcs).



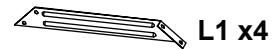
STEP 11: Install the crossbeam



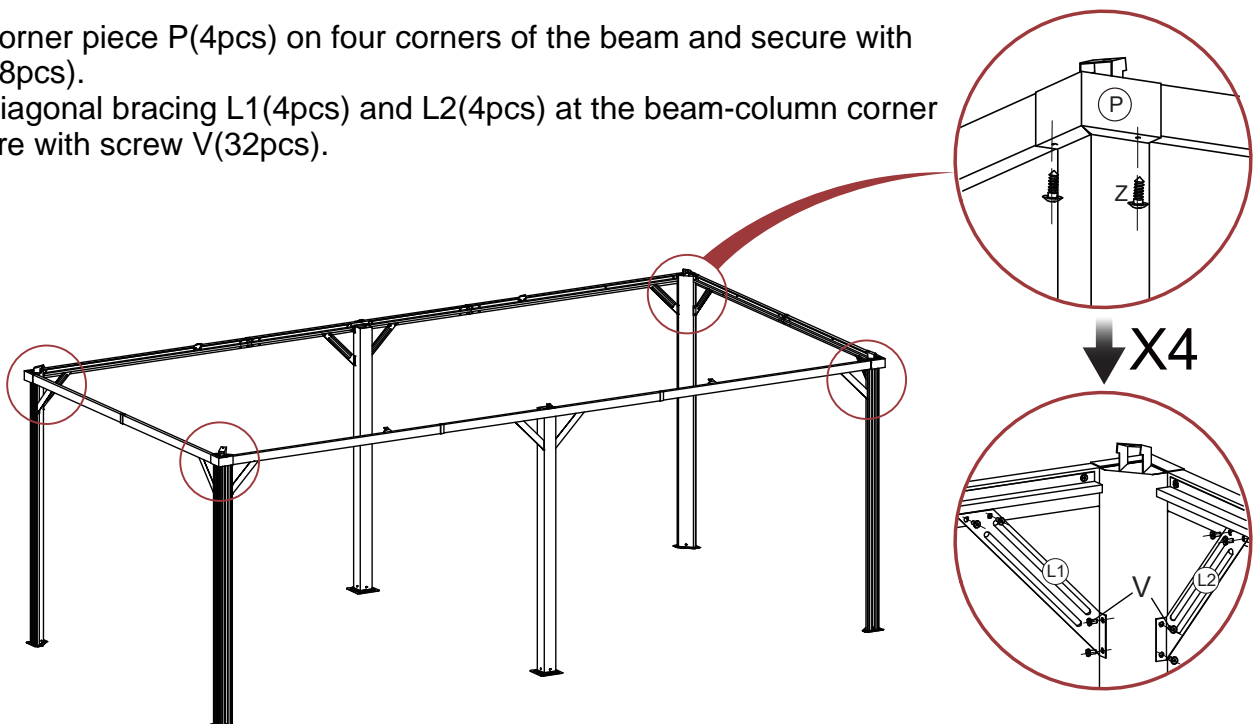
1. Fix STEP10 to STEP6 with screw Y(16pcs).



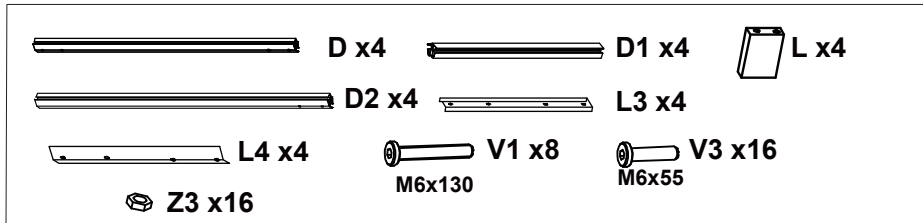
STEP 12: Install the crossbeam



1. Place corner piece P(4pcs) on four corners of the beam and secure with screw Z(8pcs).
2. Place diagonal bracing L1(4pcs) and L2(4pcs) at the beam-column corner and secure with screw V(32pcs).

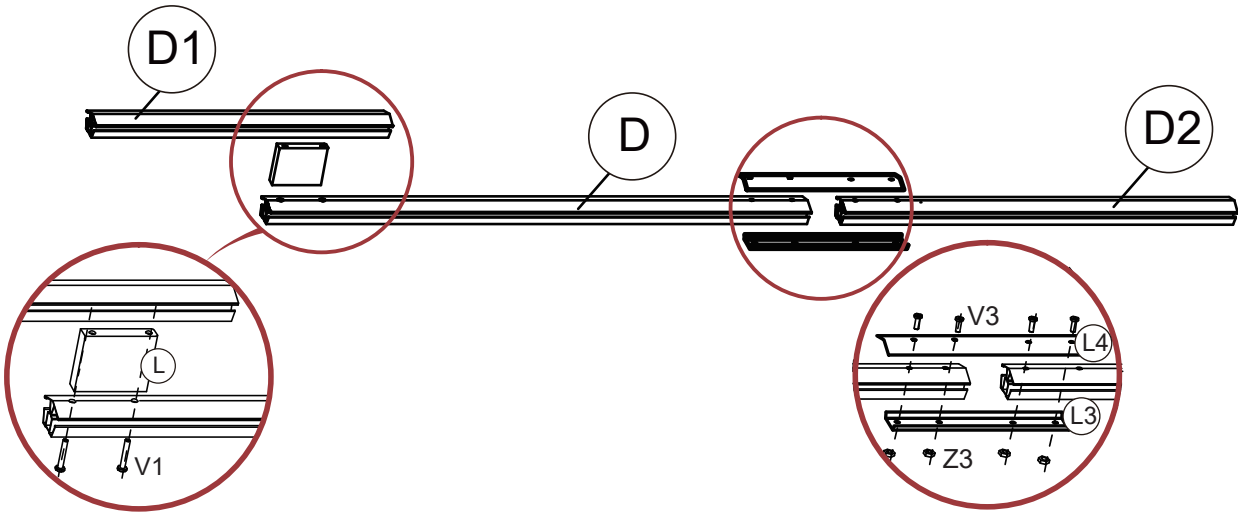


STEP 13: Install the crossbeam

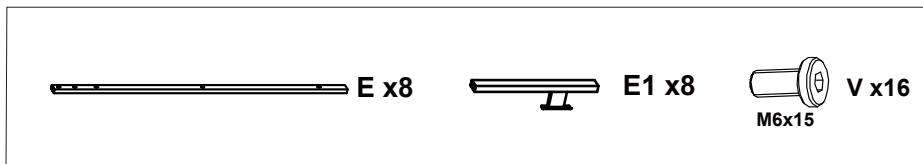


X4

1. Connect short corner beam D1(4pcs) to corner beam D(4pcs) using connection block L(4pcs) and screw V1(8pcs).
2. Connect corner beam D2(4pcs) to corner beam D(4pcs) using connector L3(4pcs) and connector L4(4pcs) with screws V3(16pcs) and nuts Z3(16pcs).

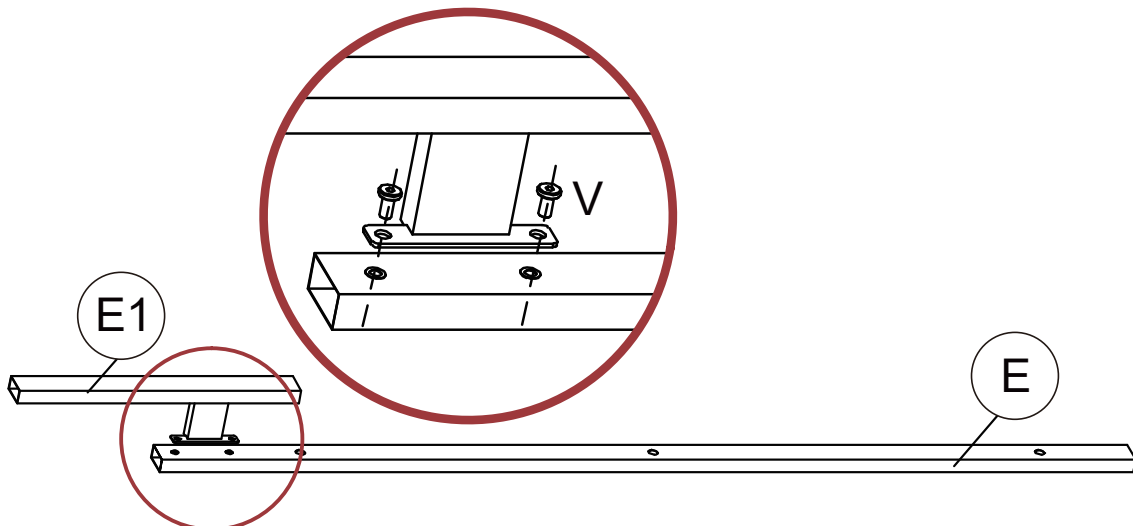


STEP 14: Install the crossbeam

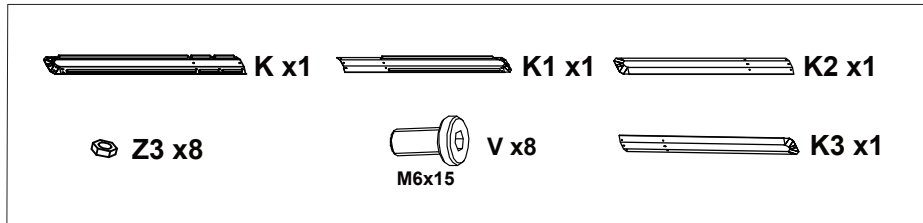


X8

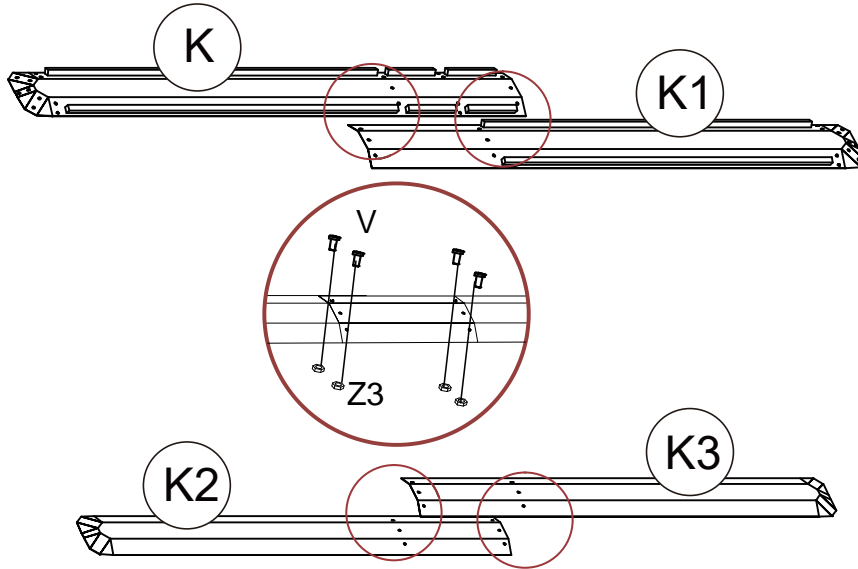
1. Secure short rafter E1(8pcs) to rafter E(8pcs) with screw V(16pcs).



STEP 15: Install the crossbeam

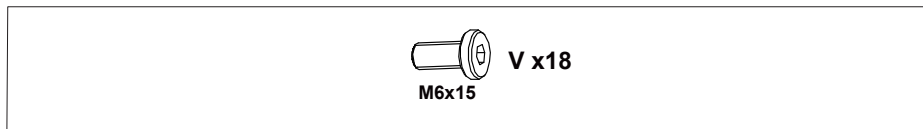


1. Connect bottom piece K(1pc) to K1(1pc) with V(4pcs), and K2(1ps) to k3(1pc) with V (4pcs).

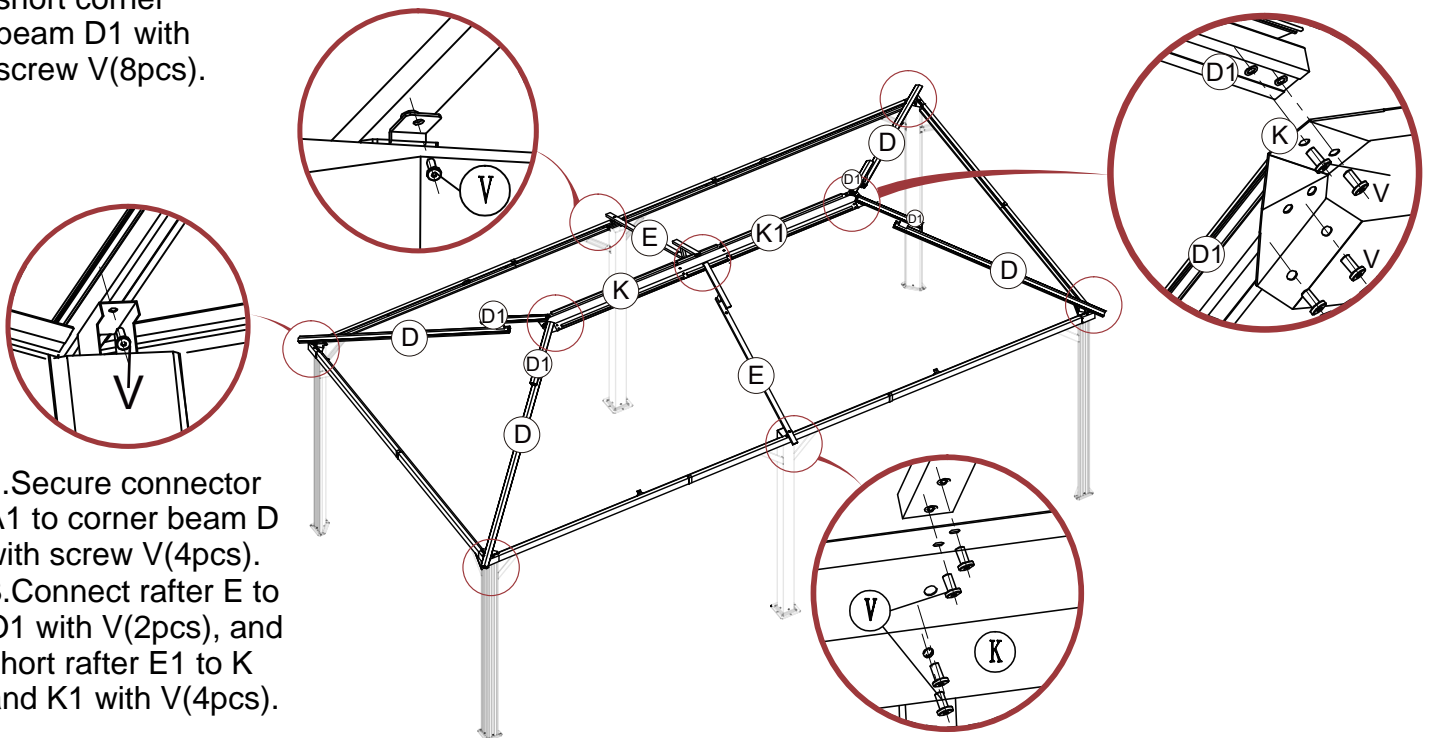


STEP 16: Install the crossbeam

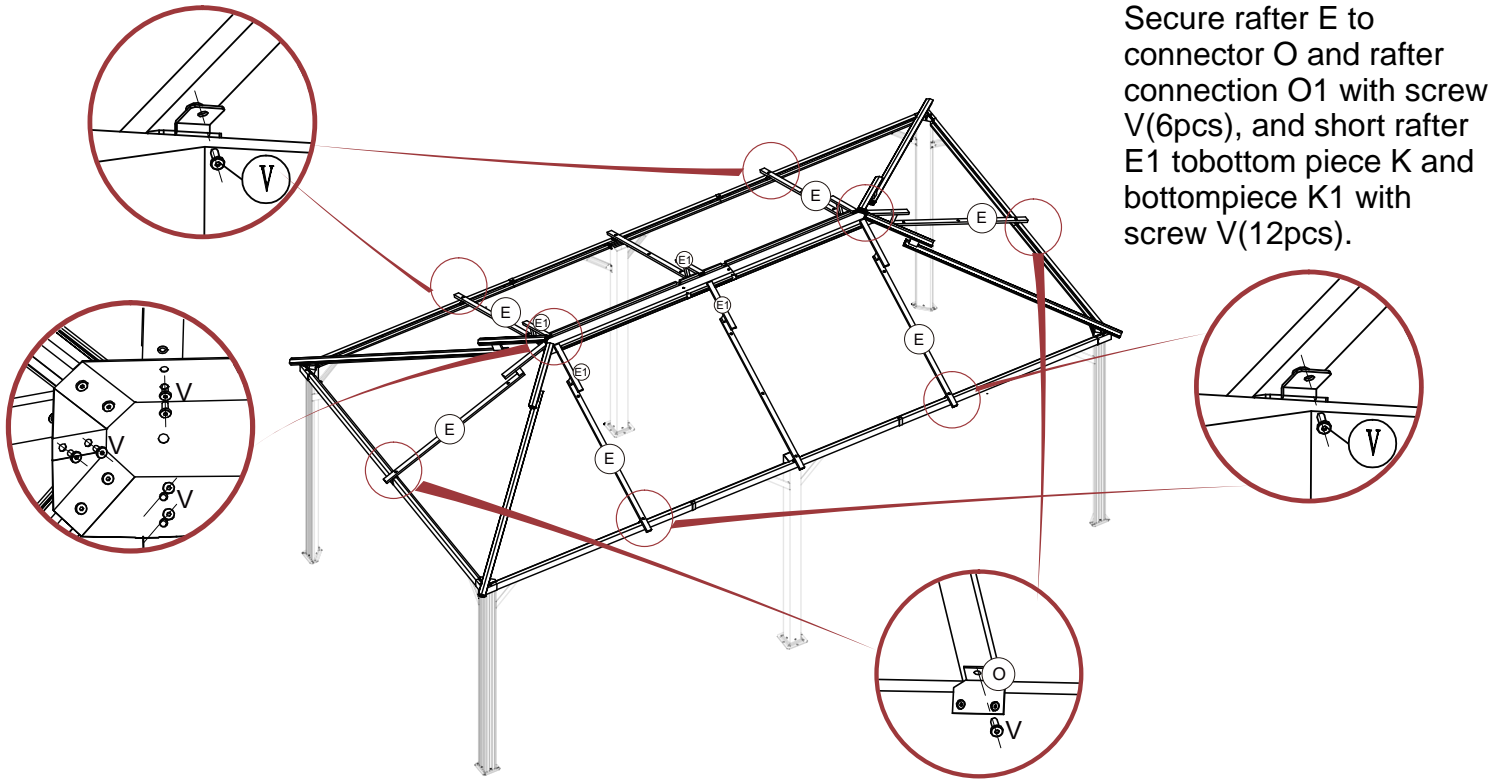
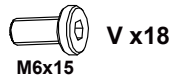
1. Secure bottom pieces K and K1 to short corner beam D1 with screw V(8pcs).



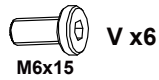
2. Secure connector A1 to corner beam D with screw V(4pcs).
 3. Connect rafter E to O1 with V(2pcs), and short rafter E1 to K and K1 with V(4pcs).



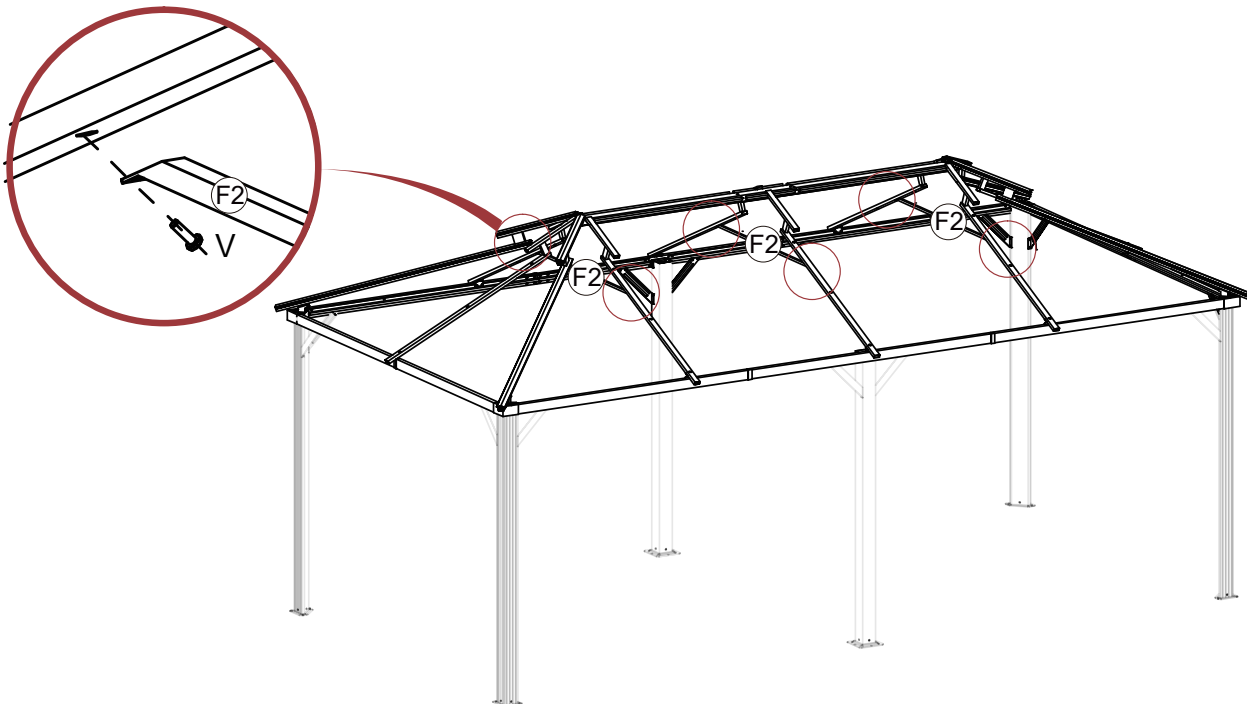
STEP 17: Install the crossbeam



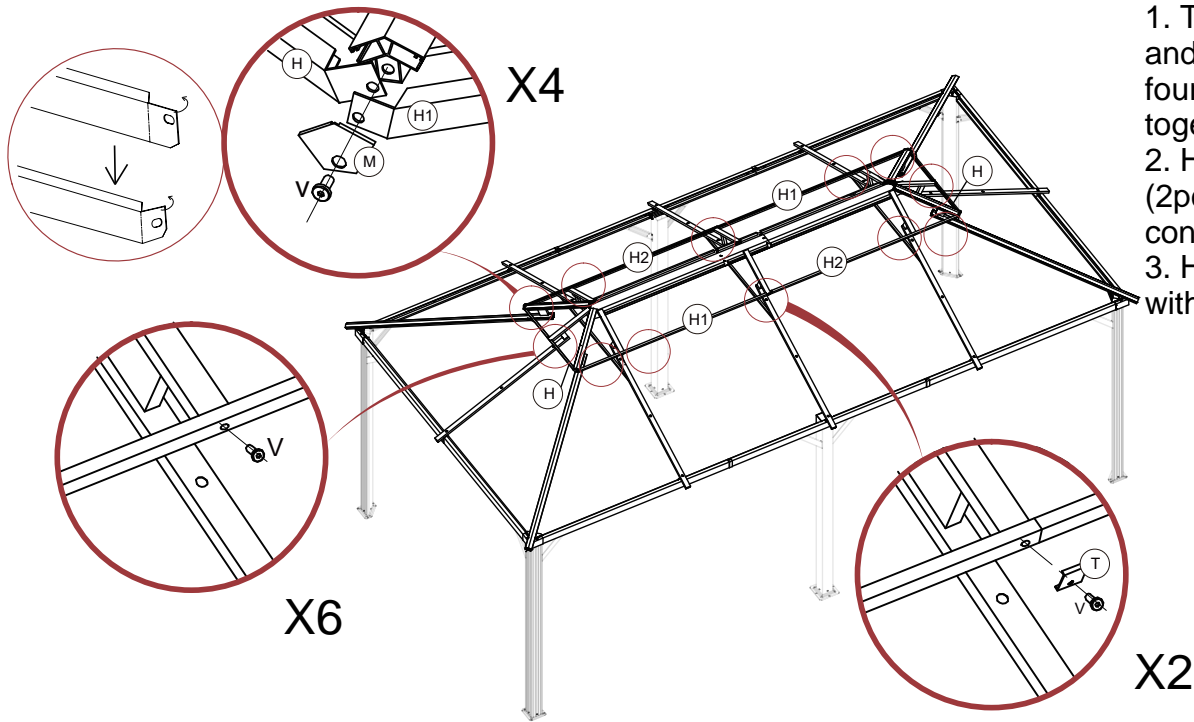
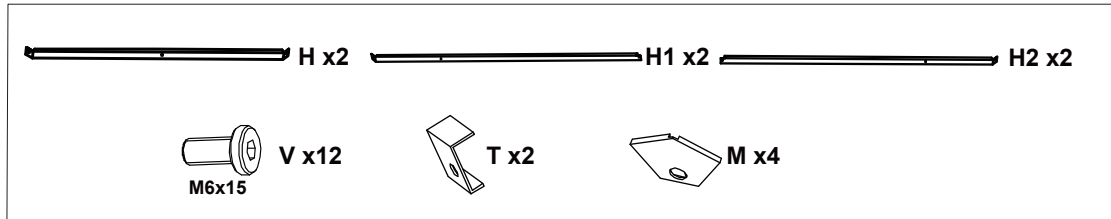
STEP 18: Install the crossbeam



Secure support tube F2(3pcs) to rafter E with screw V(6pcs).

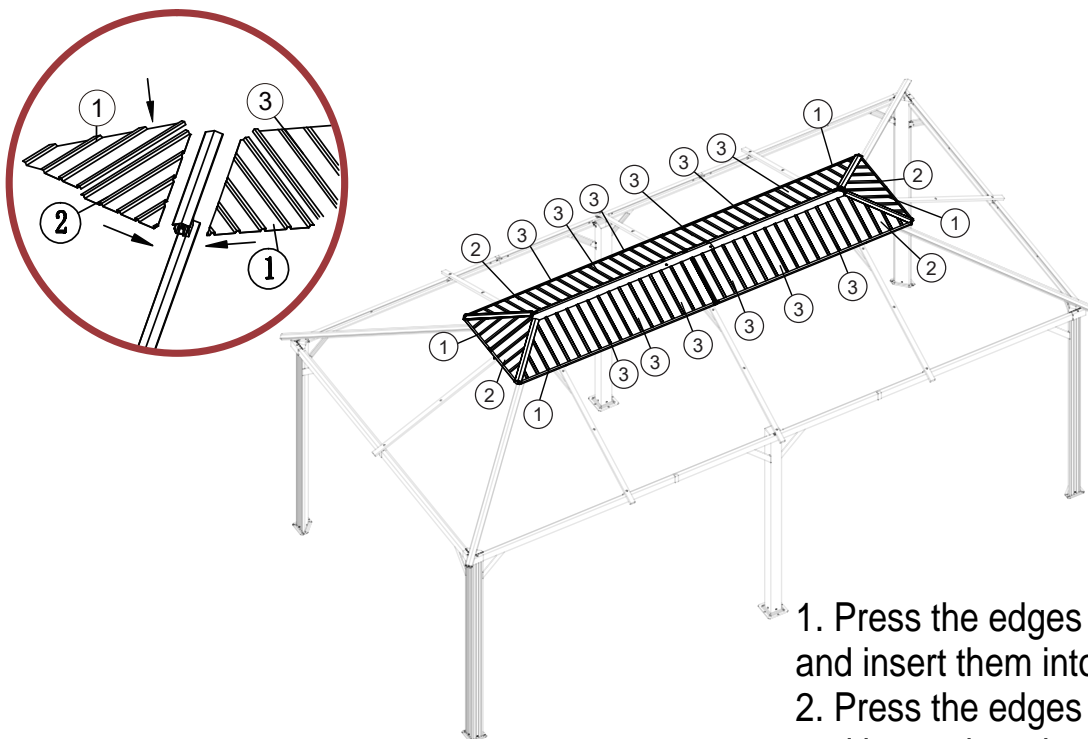
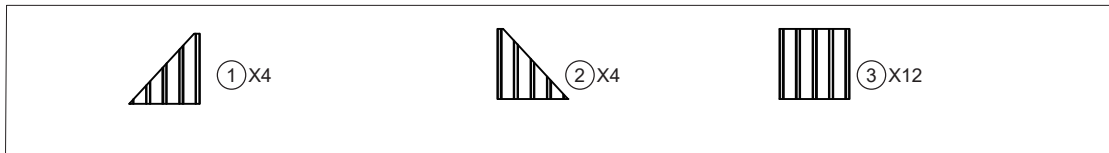


STEP 19: Install the crossbeam



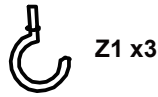
1. The edges of H (2pcs) and H1(2pcs) overlap the four corners, and are fixed together with V(4pcs);
2. H1, H2(2pcs), and T (2pcs) overlap and are connected with V(6pcs);
3. H and E1 are connected with V(3pcs).

STEP 20: Install the crossbeam

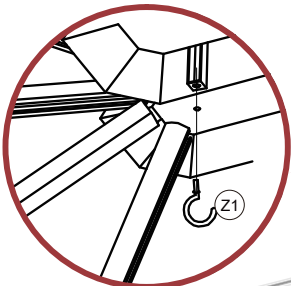


1. Press the edges of 1 and 2 together and insert them into the D1 card slot;
2. Press the edges of 1, 2, and 3 together and insert them into the D1 card slot;

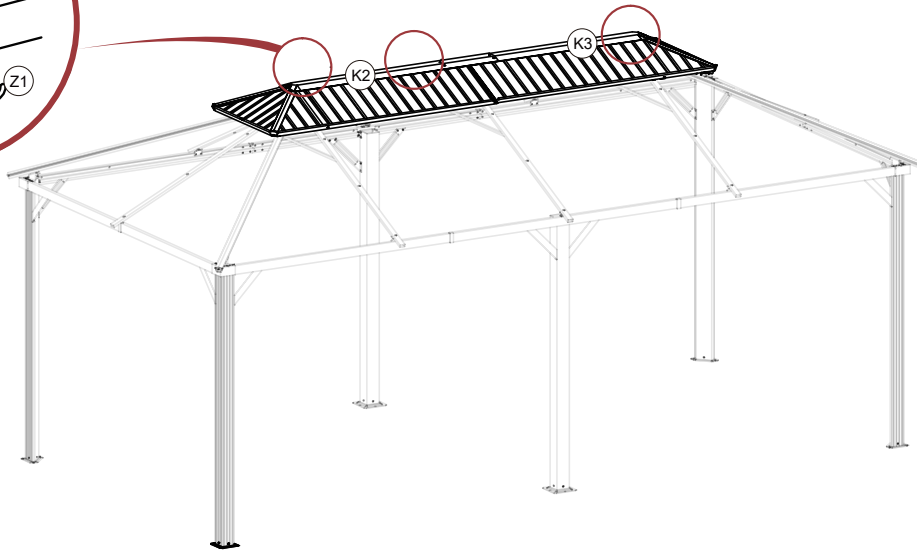
STEP 21: Install the crossbeam



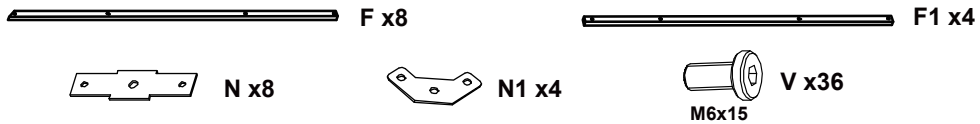
Connect K2-k3 to bottom pieces K and bottom pieces K1 using hook Z1(3pcs).



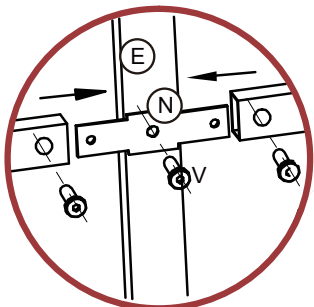
X3



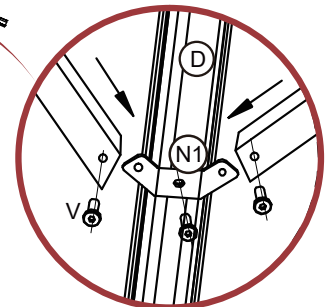
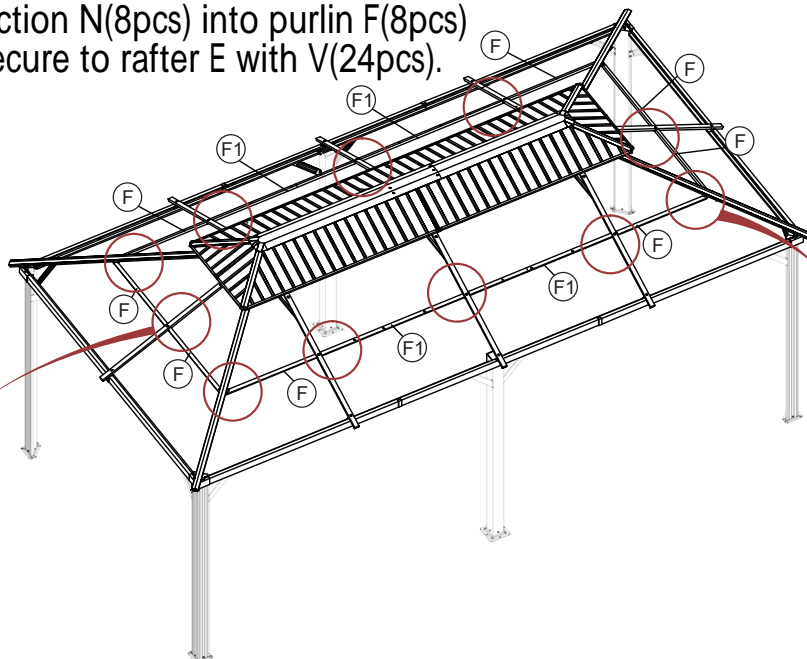
STEP 22: Install the crossbeam



1. Secure Purlin Connection N1(4pcs) to corner beam D with screw V(4pcs).
2. Insert purlin F(8pcs) into Purlin Connection N1 and secure with V(8pcs).
3. Insert Purlin Connection N(8pcs) into purlin F(8pcs) and F1(4pcs), then secure to rafter E with V(24pcs).

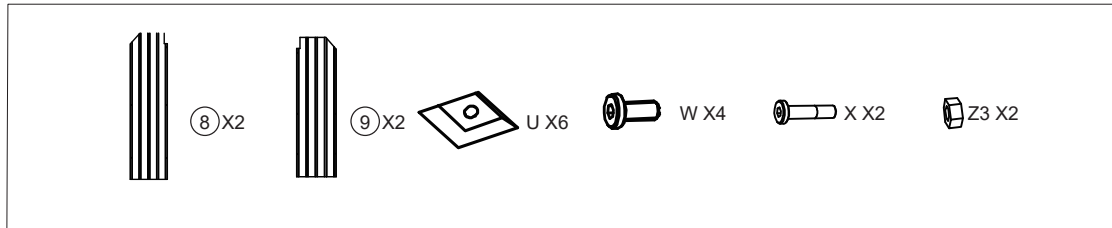


X8

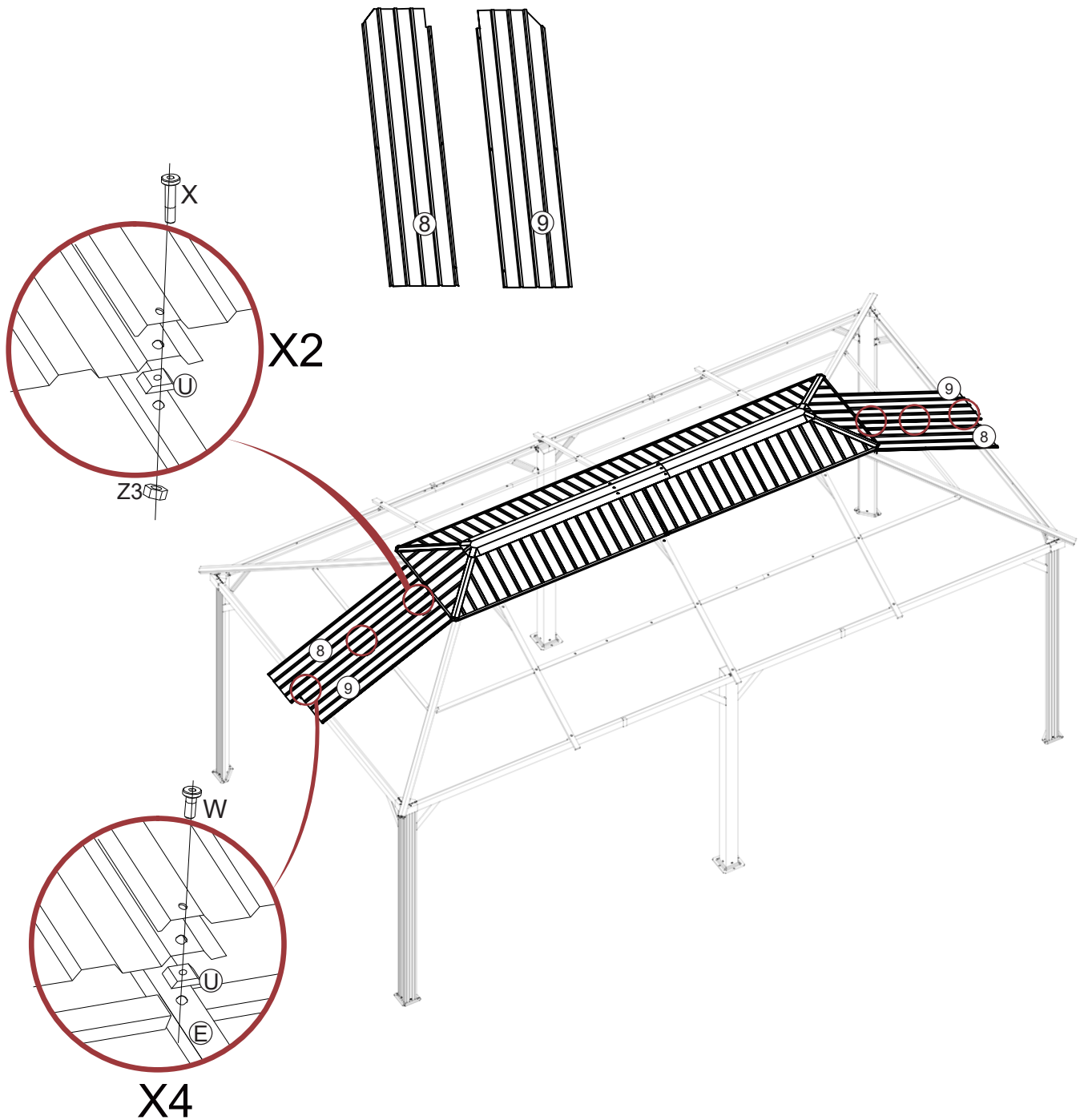


X4

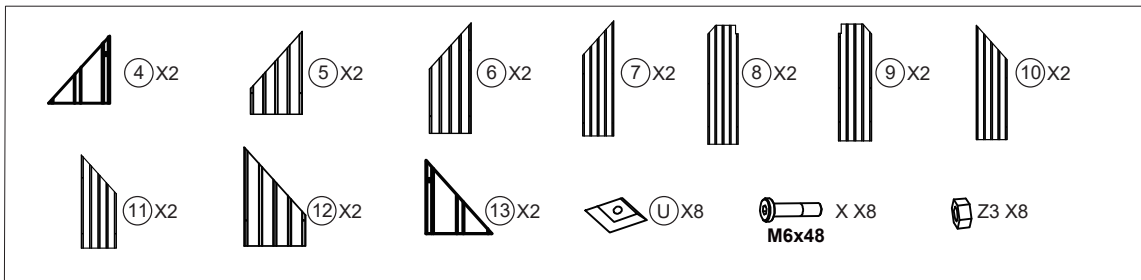
STEP 23: Install the crossbeam



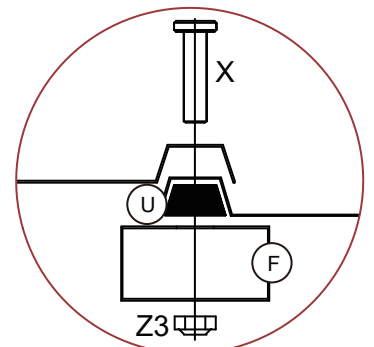
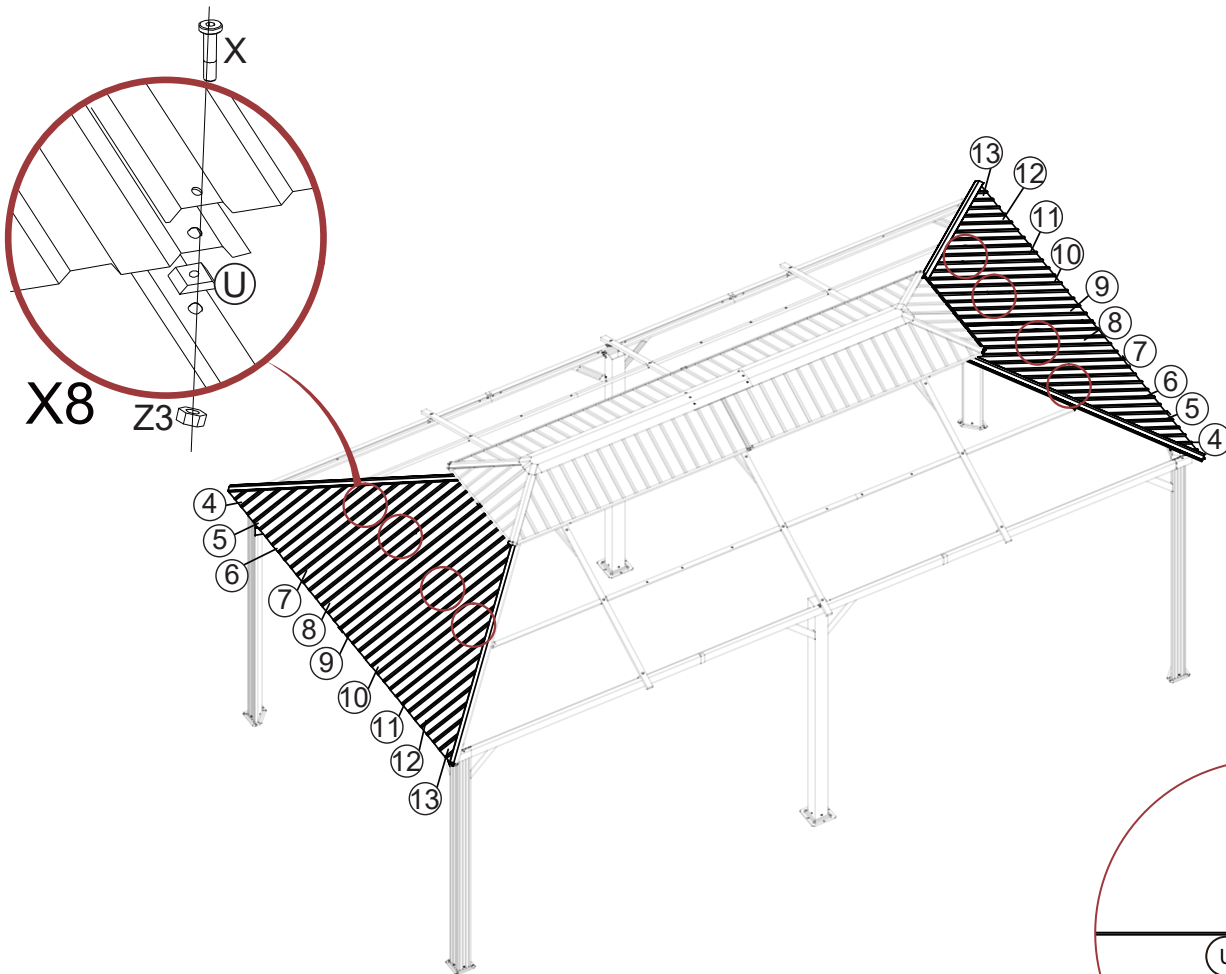
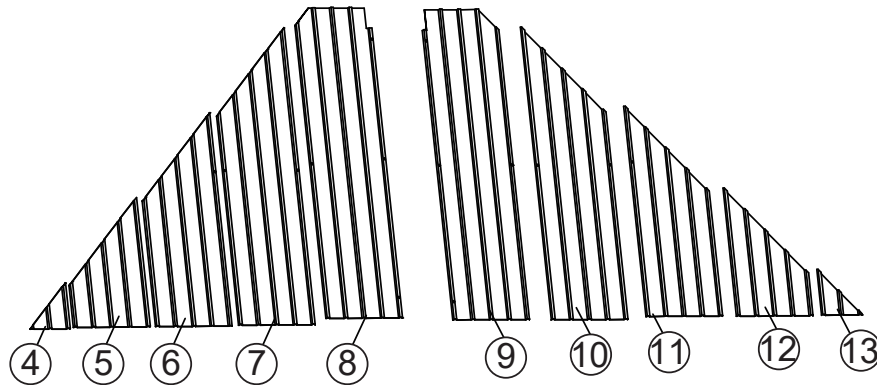
1. Press the edges of (2pcs) and (2pcs) together and insert into the D slot. 2. Use X(2pcs) to pass through the hole position at the top of the overlapping area of and , place U(2pcs) on it, and fix it on E together with Z3(2pcs); 3. Use W(4pcs) to pass through the hole at the lowest part of the overlapping area of and , and then place a U (4pcs) to fix it on top of E;



STEP 24: Install the crossbeam

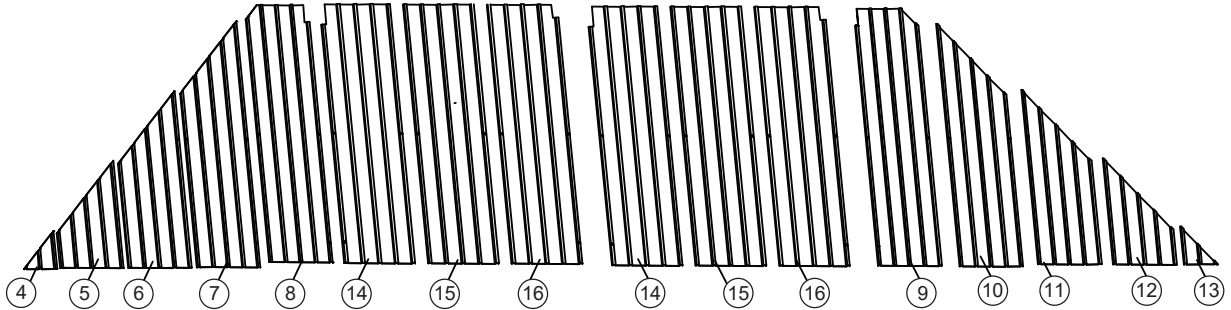
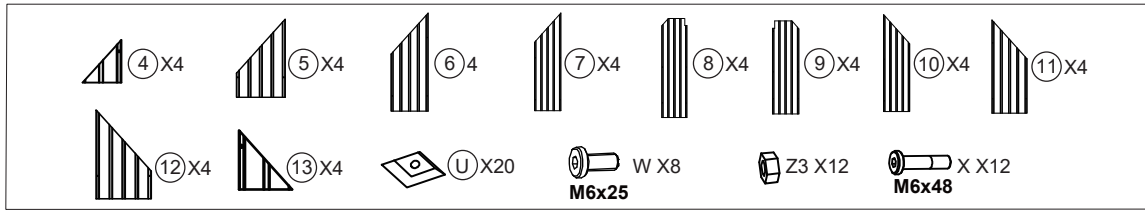


1. Press the edges of / / / / / / / / / / (in the order shown in the diagram) together, and insert / into the D card slot; 2. Use X (8 pcs) to pass through the overlapping holes, place U (8 pcs) on top, and fix it on F together with Z3 (8 pcs);

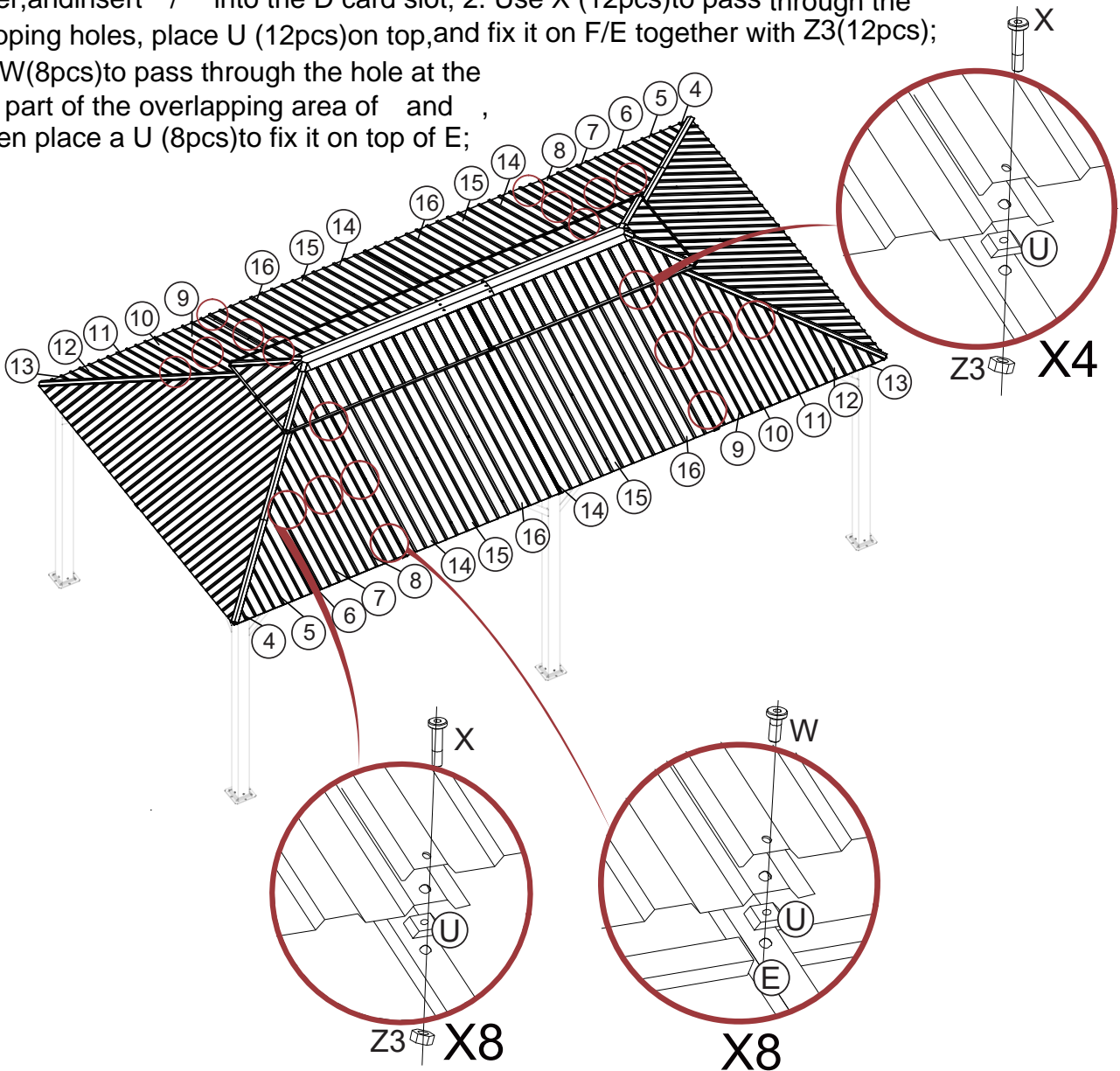


SIDE VIEW

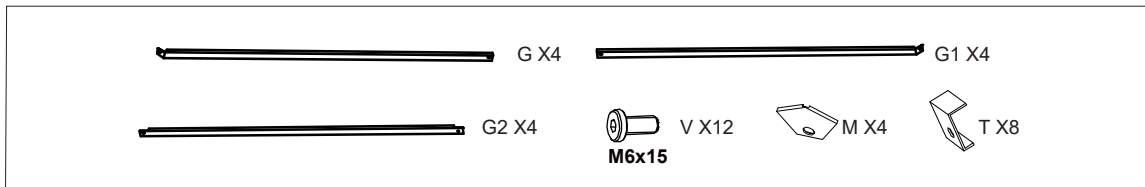
STEP 26: Install the crossbeam



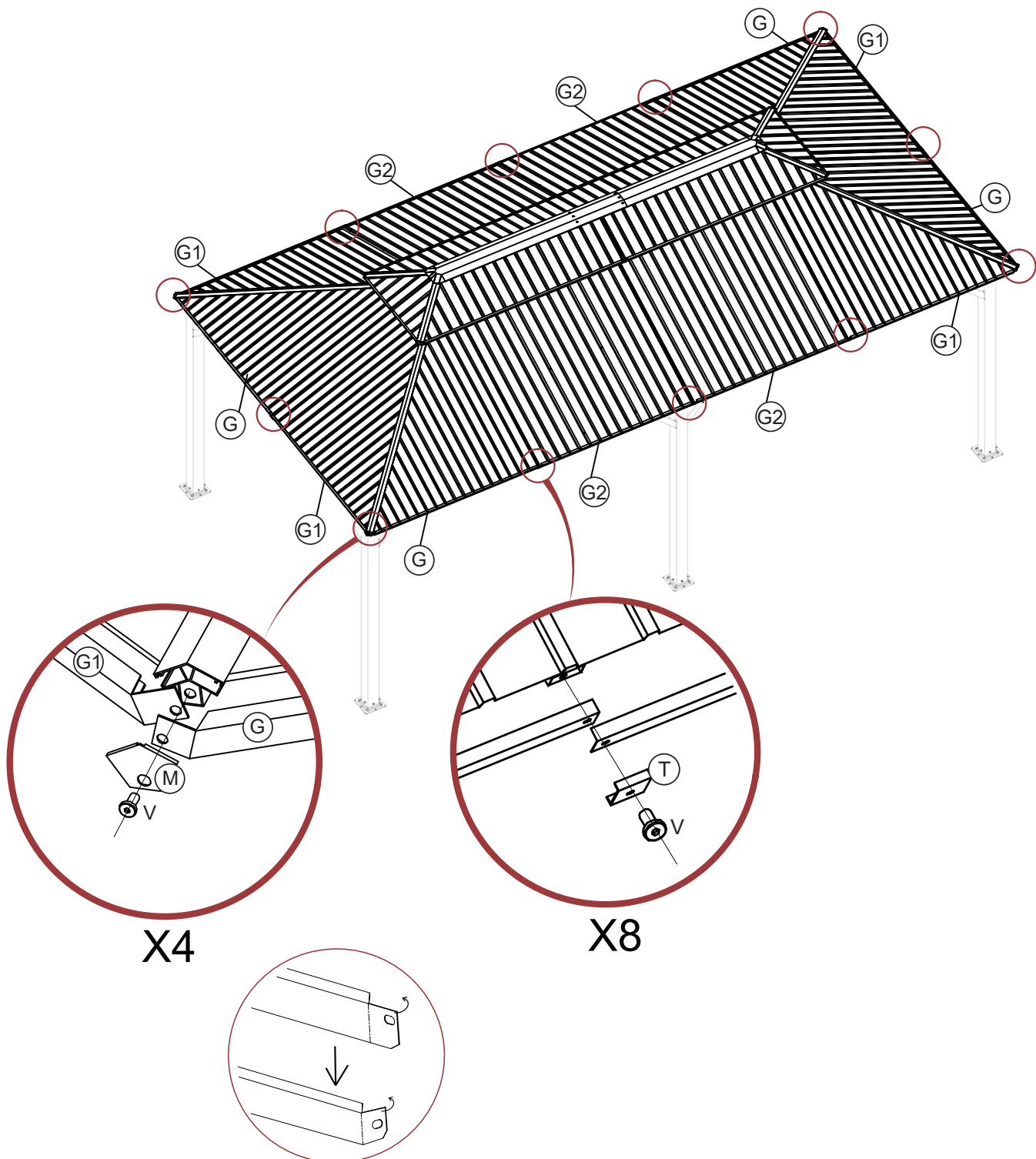
1. Press the edges of / / / / / / / / / (in the order shown in the diagram) together, and insert / into the D card slot; 2. Use X (12pcs) to pass through the overlapping holes, place U (12pcs) on top, and fix it on F/E together with Z3(12pcs); 3. Use W(8pcs) to pass through the hole at the lowest part of the overlapping area of and , and then place a U (8pcs) to fix it on top of E;



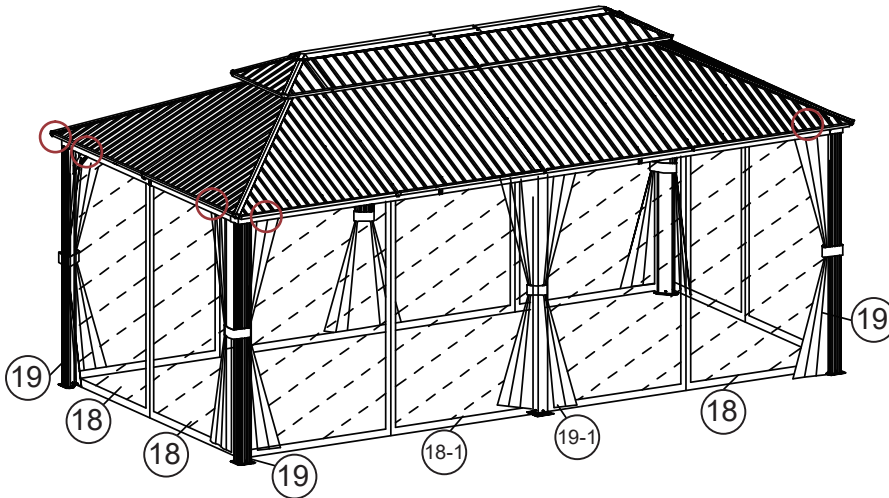
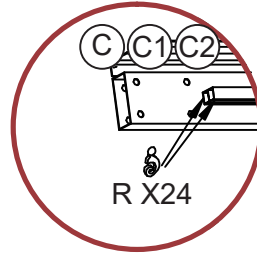
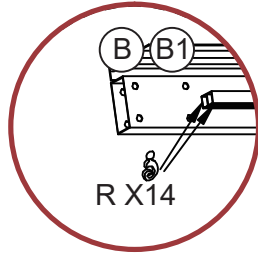
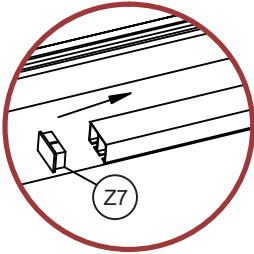
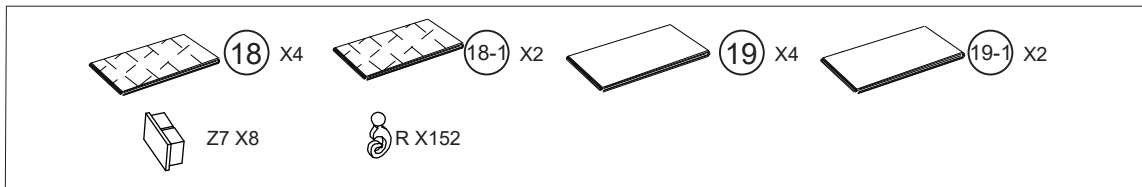
STEP 27: Install the crossbeam



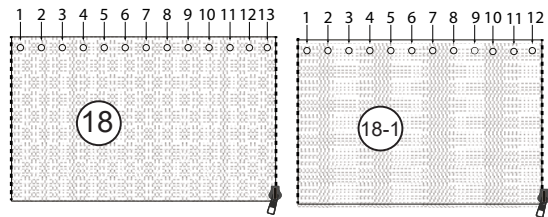
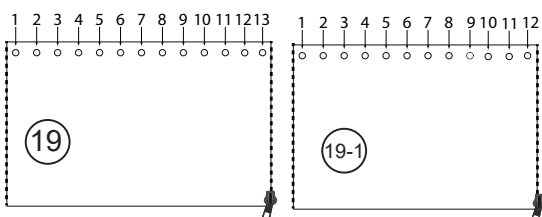
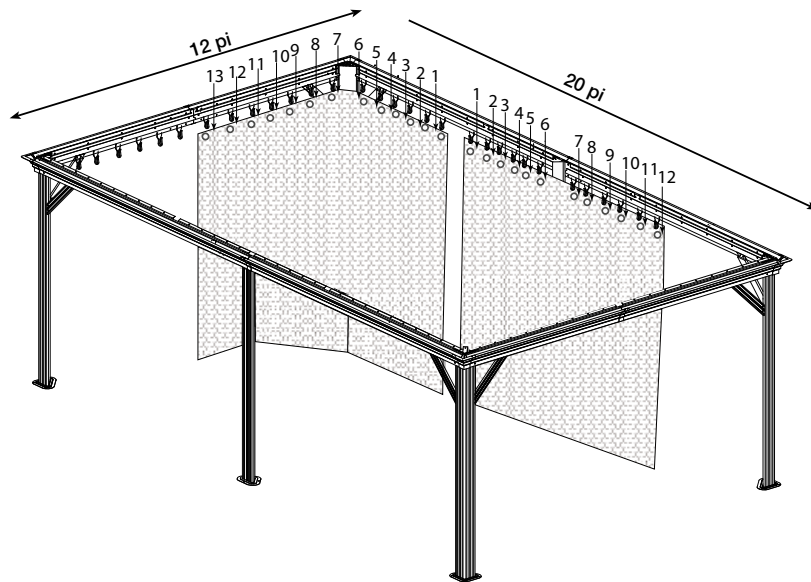
1. Insert the G/G1/G2(4pcs) cards into the edge of the iron tile, overlap the middle part with T(8pcs), and fix it on E with V(8pcs);
2. Overlap the two G/G1 folded edges at the four corners, put on M (4pcs) , and fix it on D with V (4pcs) ;



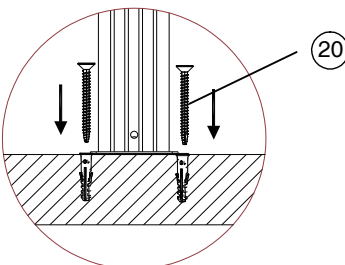
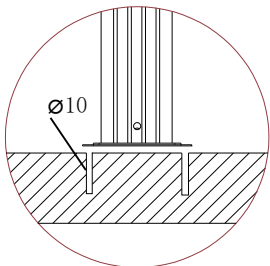
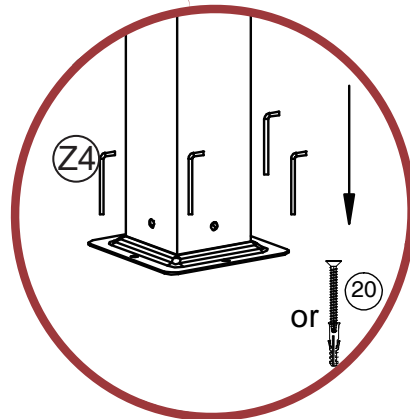
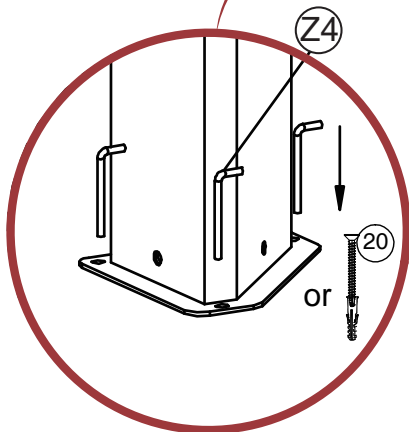
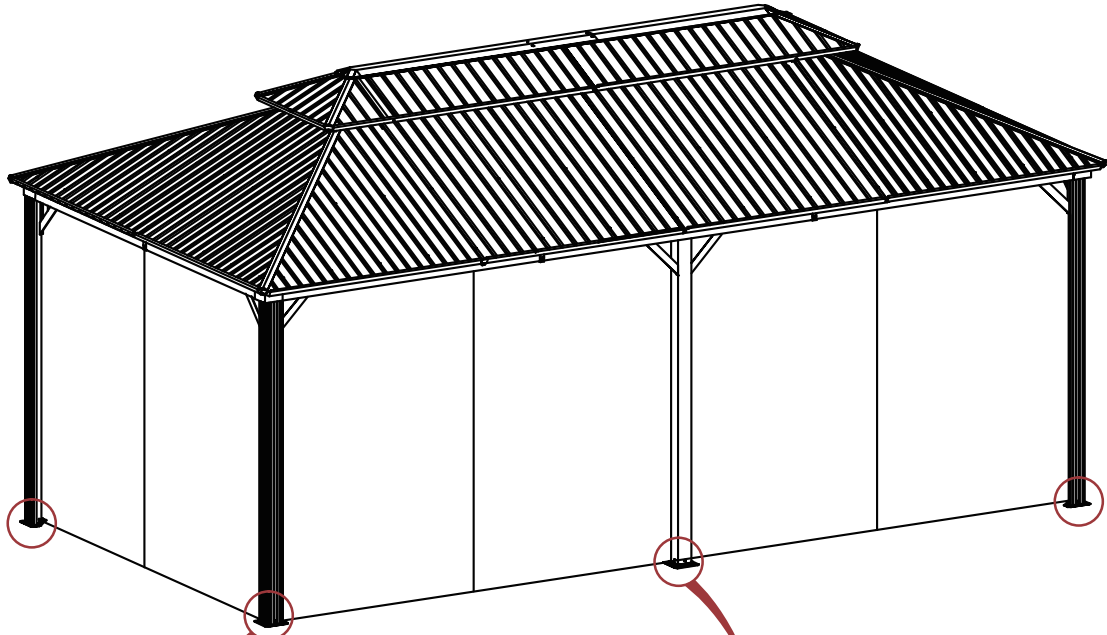
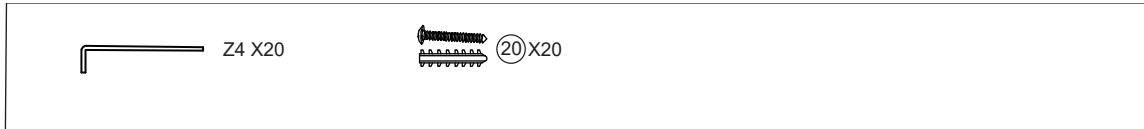
STEP 29: Install the crossbeam



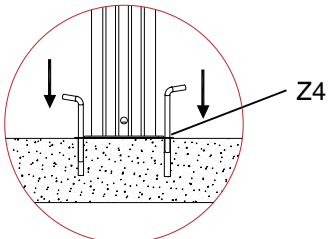
1. Thread R into the two cloth curtain tracks of C3/C4/C5, B2/B3; 2. Knock Z7 into the cloth curtain track port; hang 18 and 19 on the crossbeam through R respectively;



STEP 30: Install the crossbeam



OR



The Z4 (20pcs) ground nail fastener can be used in garden soil terrain, and the expansion screw (20pcs) can be used in concrete terrain, requiring the use of a 10 bit drill to drill holes