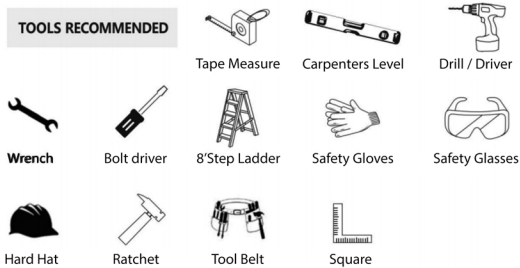


ASSEMBLY GUIDES

TOOLS RECOMMENDED

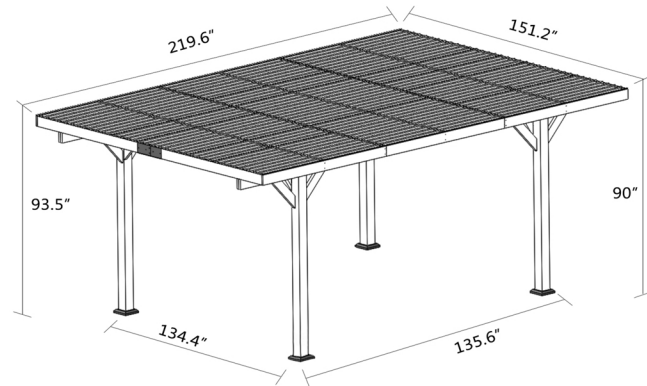


PROPER MAINTENANCE

- Inspect and tighten all hardware after completion of assembly, after first month of use, and then annually, Do not over-tighten as to cause crushing and splintering of wood.
- Check for sharp edges or protruding screw threads, add washers if required.
- Applying a water repellent or stain (water-based) on a yearly basis is important maintenance to maintain maximum life and performance of the product.
- Check all wood members for deterioration, structural damage and splintering. Sand down splinters and replace deteriorated wood members. As with all wood, some checking and small cracks in grain is normal.

18.3' X 12.6' WOOD CARPORT SPECIFICATIONS





Box A	86.6"L x 11.4"W x 9.4"H	N.W.108 lbs	G.W.112.4 lbs
Box B	82.7"L x 11.4"W x 8.27"H	N.W.94.8 lbs	G.W.99.2 lbs
Box C	77.2"L x 11.4"W x 10.2"H	N.W.103.6 lbs	G.W.108 lbs
Box D	76.4"L x 11.4"W x 10.6"H	N.W.94.8 lbs	G.W.99.2 lbs
Box E	78.7"L x 18.5"W x 2.8"H	N.W.108 lbs	G.W.112.4 lbs










TOTAL HEIGHT:93.5"
 TOP SIZE:151.2"x219.6"
 HEIGHT OF SHORT BEAM:90"
 POST TO POST:134.4"/135.6"

Parts List






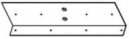







Box A

STAMP ID	QTY REQ	DESCRIPTION	IMAGE
A1	2PCS	POST Dimension: 84.65 x 4.72 x 4.72 inches	
C2	4PCS	CORBEL II Dimension: 29.13 x 3.94 x 1.18 inches	
C1	2PCS	Dimension: 33.46 x 3.94 x 1.18 inches	
D1	2PCS	Dimension: 75.2 x 4.72 x 1.57 inches	



Box B

STAMP ID	QTY REQ	DESCRIPTION	IMAGE
1	26PCS	CLAW NUT BLK (M6)	
2	12PCS	HEX SOCKET SCREW BLK (M6*70)	
3	14PCS	HEX SOCKET SCREW BLK (M6*50)	
4	26PCS	WASHER FLAT BLK (M6)	
5	8PCS	BOLT (M10*80)	
6	8PCS	NUT	
7	16PCS	WASHER FLAT BLK (M10)	








Box B

STAMP ID	QTY REQ	DESCRIPTION	IMAGE
8	12 PCS	SCREW PFH BLK (M4*70)	
9	92 PCS	SCREW PFH BLK (M4*50)	
10	168 PCS	SCREW PFH BLK (M4*35)	
11	16 PCS	EXPANSION BOLT (M8*80)	
12	259 PCS	SCREW PWH BLK & RUBBER (M8*35)	
13	7 PCS	ROOF BEAM CONNECT BRACKET	
14	14 PCS	BRACKET (ROOF BEAM-LONG BEAM)	
15	4 PCS	DECORATIVE COVER	
16	4 PCS	METAL BASE	
17	4 PCS	HEIGHT INCREASING FITTINGS	
A2	2 PCS	Dimension: 80.71 x 4.72 x 4.72 inches	
B1	4 PCS	LONG BEAM PART I Dimension: 41.34 x 4.72 x 1.18 inches	
18	1 PCS	34.7" Length	


Box C

STAMP ID	QTY REQ	DESCRIPTION	IMAGE
D1	2PCS	Dimension: 75.2 x 4.72 x 1.57 inches	
D2	10PCS	Dimension: 75.2 x 4.72 x 1.57 inches	

Box D

STAMP ID	QTY REQ	DESCRIPTION	IMAGE
B3	4PCS	Dimension: 74.41 x 4.72 x 1.18 inches	
B2	4PCS	LONG BEAM PART II Dimension: 71.06 x 4.72 x 1.18 inches	
B4	2PCS	Dimension: 74.41 x 4.72 x 1.18 inches	
C3	4PCS		
C1	2PCS	CORBEL II Dimension: 33.46 x 3.94 x 1.18 inches	
E1	4PCS	Dimension: 74.41 x 4.84 x 0.75 inches	
E2	2PCS	Dimension: 74.41 x 4.84 x 0.75 inches	

Box E

STAMP ID	QTY REQ	DESCRIPTION	IMAGE
H	27PCS	ROOF PANEL	

About Our Wood

Wood Carport uses 100% Pine Wood. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

Instructions for Proper Maintenance

What causes weathering? Does it affect the strength of my product?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

1. Checking is surface cracks in the wood along the grain. A post (4.7" x 4.7") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.
2. Warping results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.
3. Fading happens as a natural change in the wood color as it is exposed to sun-light and will turn grey over time.

How can I reduce the amount of weathering to wood product?

1. Your wood product is coated with a water-based stain. Sunlight will break down the coating, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product). You must apply some type of protection (sealant) to the wood of your product. Please note this is a requirement of your warranty. Most weathering is just the normal result of nature and will not affect safety. However if you are concerned that a part has experienced a severe weathering problem please contact our customer service department for further assistance.
2. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your product with protection (sealant) after sanding will help prevent severe checking/ splitting and other weather damage.



Scan this QR code for assembly guide video

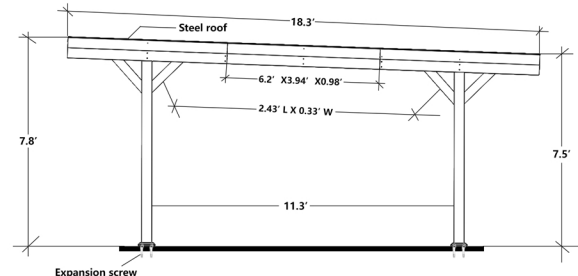
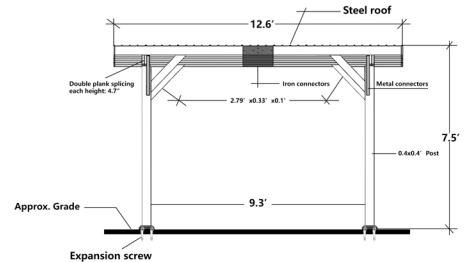
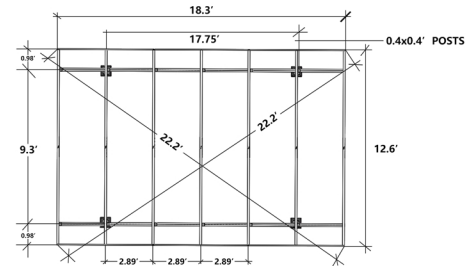
Basic Setup Dimensions & Assembly Notes

It is critically important that you start with square and level footings, concrete pad or deck to attach your structure.

- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly.
- Remember to double check for underground utilities and overhead electrical lines. Post mounts are provided with your structure which allows you to permanently install your structure to a pre-existing or new wood or concrete surface.
- The hardware to attach the post mounts to the structure is included.
- You must ensure there is ample structural support under the deck before permanently attaching.




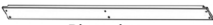




Metal Roof Assembly

Remove plastic covering from metal roof panels before installing each piece. Place roofing materials on a nonabrasive, flat surface before and after assembly as it could bend, dent or scratch.



ASSEMBLY INSTRUCTION

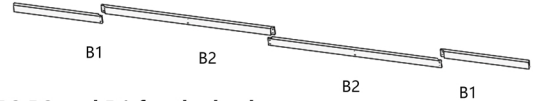
STEP 1: LONG BEAM ASSEMBLY

STAMP ID	QTY REQ	BOX	IMAGE
B1	4	B	 Dimension: 41.34 x 4.72 x 1.18 inches
B2	4	D	 Dimension: 71.06 x 4.72 x 1.18 inches
B3	4	D	 Dimension: 74.41 x 4.72 x 1.18 inches
B4	2	D	 Dimension: 74.41 x 4.72 x 1.18 inches
1	12	B	
2	12	B	 M6*70
4	12	B	
9	8	B	 M4*50

Combine the back and front side to form a single thick beam. The ends are fixed with no.9 screws (m4*50) and the 3 center hol positions are fixed with no.2 screws (m6*70),no.4 washer(m6) and no.1 claw nut(m6).

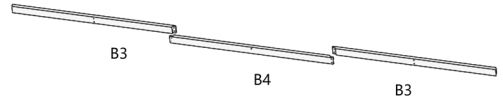
REPEAT STEP1-1,1-2 and 1-3 again to get another combination.

STEP1-1



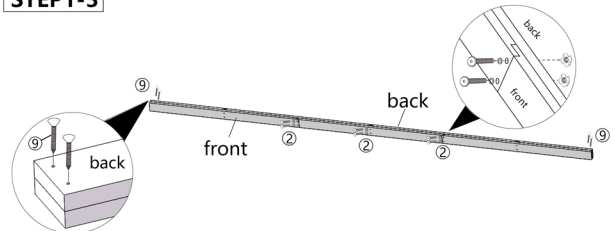
Align B1,B2,B2 and B1 for the back

STEP1-2


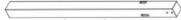






Align B3,B4 and B3 for the front

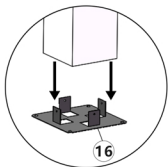
STEP1-3



STEP 2: POST BRACKET ASSEMBLY

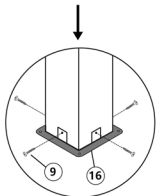
STAMP ID	QTY REQ	BOX	IMAGE
A1	2	A	 Dimension: 84.65 x 4.72 x 4.72 inches
A2	2	B	 Dimension: 80.71 x 4.72 x 4.72 inches
9	52	B	 M4*50
15	4	B	
16	4	B	
17	4	B	

STEP2-2

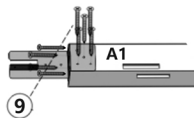


1) Place footplate (no.16) on the ground

2) Then align post A1 with footplate patch and secure with no.9 screws (M4*50)

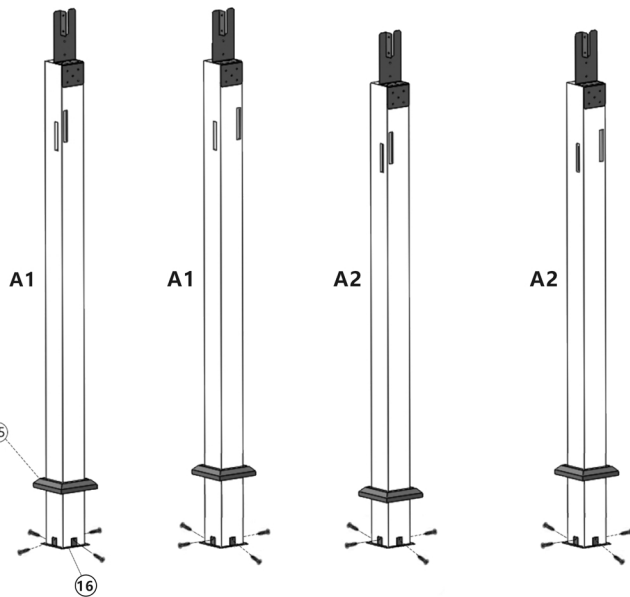


STEP2-1










Using nine no.9 screws (M4*50) to fix no.17 with post A1 (for assemble convenience, post can be installed by lowering them into the ground)

Then sleeve no.15 into post A1

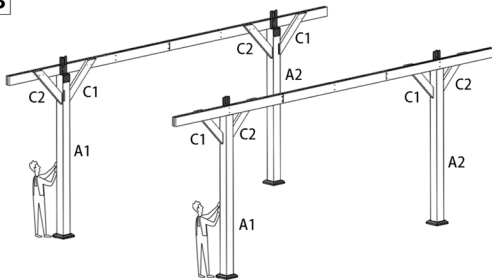


REPEAT ASSEMBLE to get 2 mounted A2 and another mounted A1.

STEP 3: POST FRAME ASSEMBLY

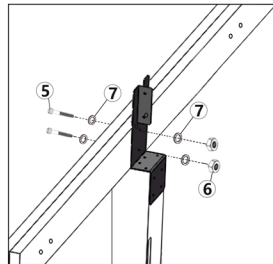
STAMP ID	QTY REQ	BOX	IMAGE
C2	4	A	 Dimension: 29.13 x 3.94 x 1.18 inches
C1	4	A,D	 Dimension: 33.46 x 3.94 x 1.18 inches
5	8	B	 M10*200
6	8	B	
7	16	B	
8	8	B	 M4*70
9	16	B	 M4*50

STEP3-3



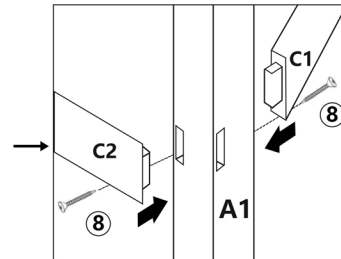
REPEAT ASSEMBLE STEPS to get another combination

STEP3-1



1)Using no.5 screws (M10*200) no.7 washer(M7) and nut no.6 to fix no.17 metal part with crossbeam which was assembled in step 1

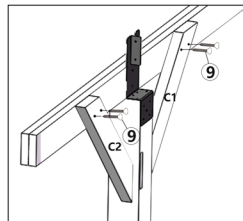
STEP3-2



1)Insert C1 and C2 part to post A1
2)Then fixed them with no.8 screws (M4*70)


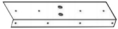




REPEAT ASSEMBLE STEP3-1 3-2 and 3-3 for another end of crossbeam fixed with post A2.

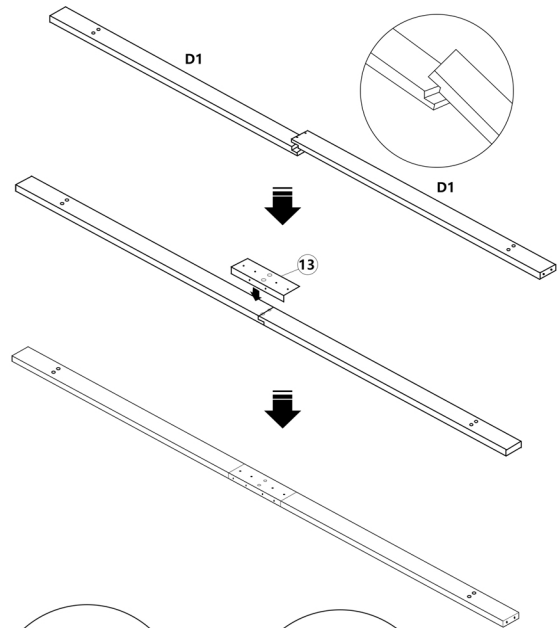
STEP3-3



Then use no.9 screws (M4*50) to fix C1 and C2 with corsbeam.

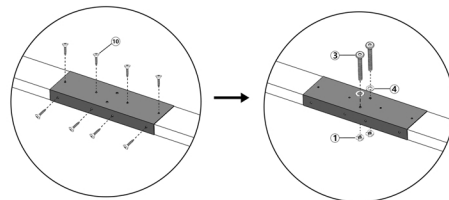
STEP 4: ROOF BEAM ASSEMBLY

STAMP ID	QTY REQ	BOX	IMAGE
D1	4	C	 Dimension: 75.2 x 4.72 x 1.57 inches
13	2	B	
10	16	B	 M4*35
3	4	B	 M6*50
4	4	B	
1	4	B	


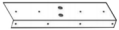






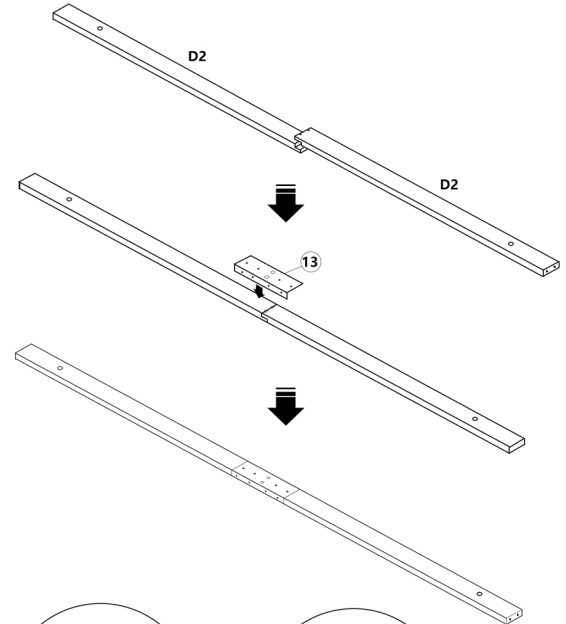
Align part D1 and D1, pad one piece of iron sheet (no.13), and then rotate eight no.10 screws (M4*35) into each side with an electric drill.

2 holes in the middle with no.3 screws (M6*50), no.4 washer and no.1 claw nut, Repeat 2 times to get 2 top beam assemblies.



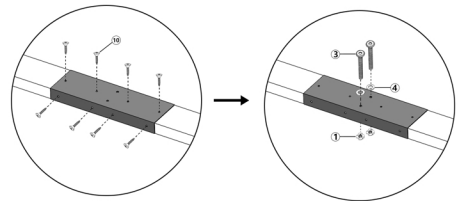
STEP 5: ROOF BEAM ASSEMBLY

STAMP ID	QTY REQ	BOX	IMAGE
D2	10	C	 Dimension: 75.2 x 4.72 x 1.57 inches
13	5	B	
10	40	B	 M4*35
3	10	B	 M6*50
4	10	B	
1	10	B	









Align part D2 and D2, pad one piece of iron sheet (no.13), and then rotate eight no.10 screws (M4*35) into each side with an electric drill.

2 holes in the middle with no.3 screws (M6*50), no.4 washer and no.1 claw nut, Repeat 5 times to get 5 top beam assemblies.

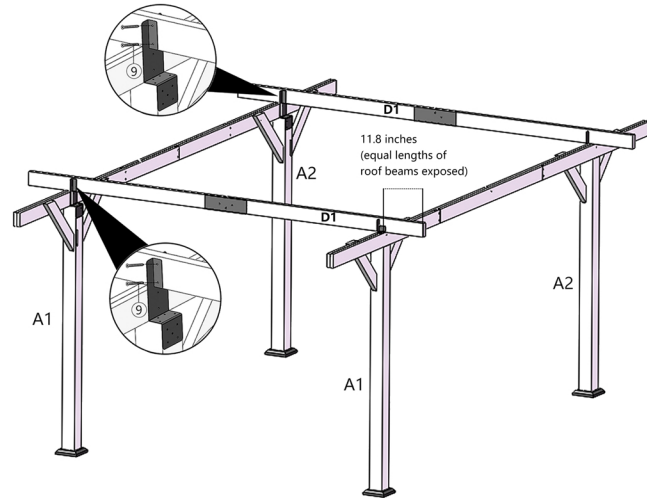


STEP 6:INSTALLAIONG OF BEAMS

STAMP ID	QTY REQ	BOX	IMAGE
9	8	B	 M4*50
10	84	B	 M4*35
14	14	B	
	1	B	 34.7" Length
D1 component	2		
D2 component	5		

STEP6-1

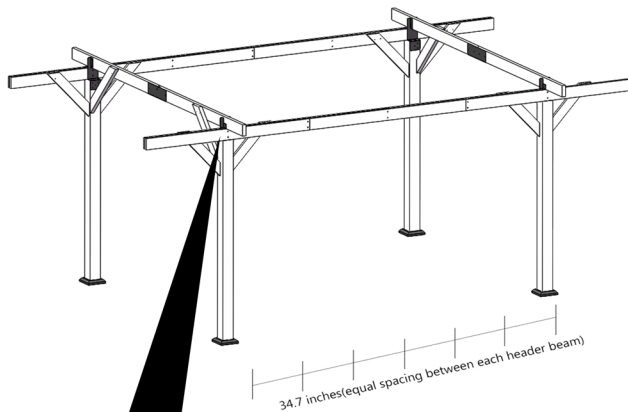
D1,D1 components inserted in the slot of no.17 metal patch have a total of 4 connection points, each connection point is fixed with two no.9 screws(M4*50)



STEP 6: INSTALLATION OF BEAMS

STEP 6-2

1) Please use wood strips 34.7 inches in length to determine spacing (we include it in Box B) and mark the spacing on the cross beams with a pencil



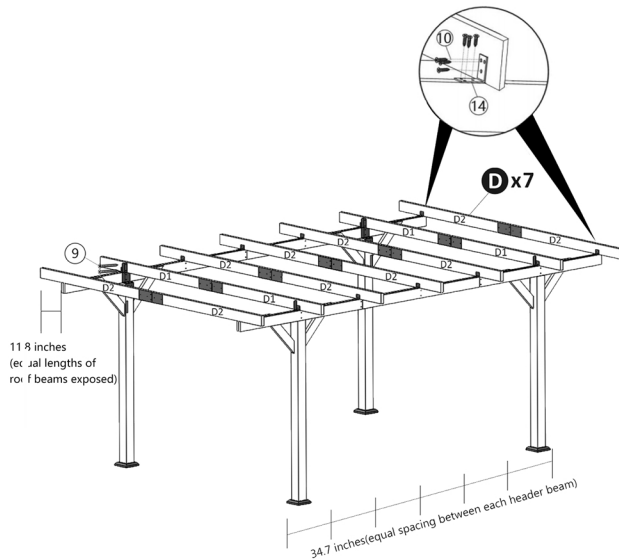
After marking a 34.7" length position, allow 1.57" (4cm) for spacing before marking the next 34.7" length position.

STEP 6-3




1) Place the 5 D2 components in the positions marked in the previous step.

2) Place no.14 metal patch to the connection between top beam and crossbeams

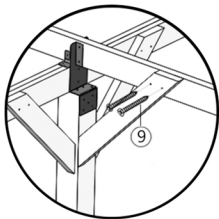
3) There should be 14 connections, each will use 6 no.10 screws (M4*35) to fix.



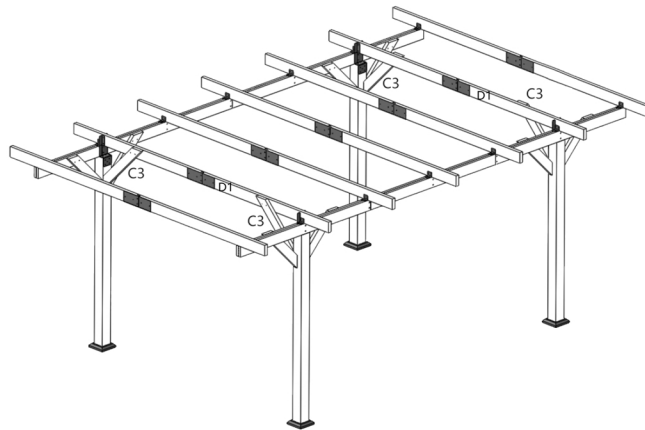
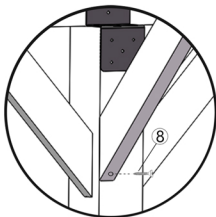
STEP 7: FIXED C3 BEAMS

STAMP ID	QTY REQ	BOX	IMAGE
C3	4	D	
8	4	B	 M4*70
9	8	B	 M4*50

1) Using no.9 screws (M4*50)
to fix C3 with D1






2) Then use no.8 screws (M4*70)
to fix C3 with post

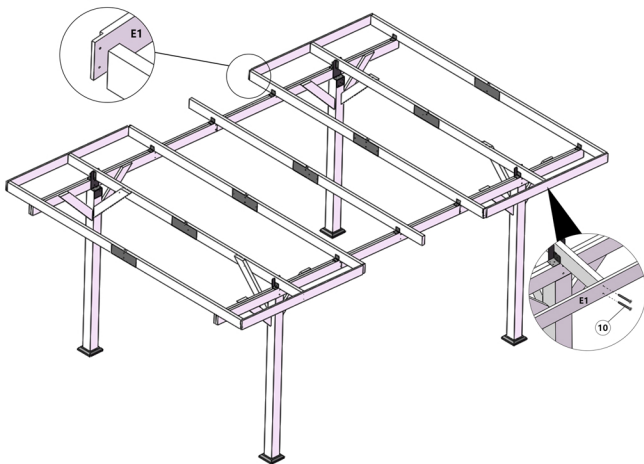


Each will use 2 no.9 screws and 1 no.8 screws.
REPEAT this operation for another three C3 assembly

STEP 8: LONG ROOF JOIST ASSEMBLY

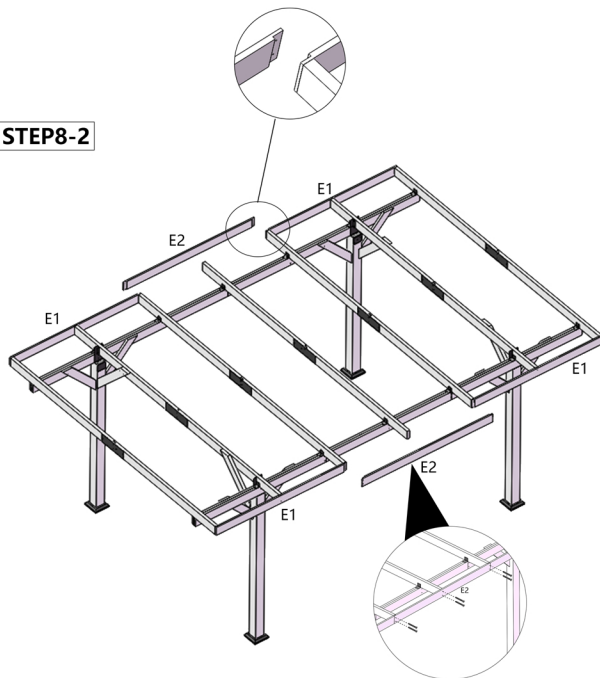
STAMP ID	QTY REQ	BOX	IMAGE
E1	4	A	 Dimension: 74.41 x 4.84 x 0.75 inches
E2	2	A	 Dimension: 74.41 x 4.84 x 0.75 inches
10	28	B	 M4*35

STEP8-1





Using no.10 screws (M4*35) to assemble E1 to the top beam's side, each connection will use 2 screws, 8 CONNECTIONS IN TOTAL

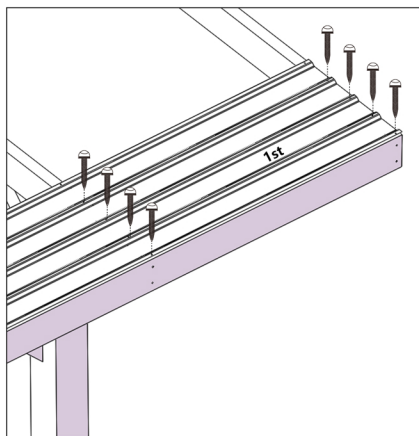
STEP8-2



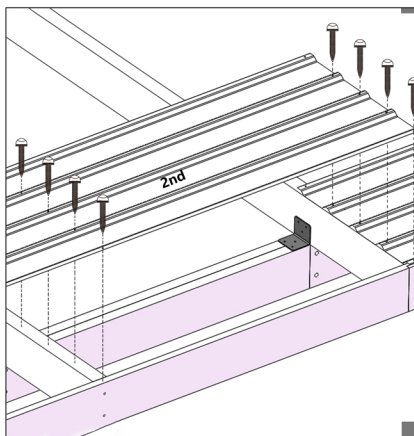
Using no.10 screws (M4*35) to assemble E2 to E1 and each connection will use 2 screws

STEP 9: ROOF PANEL INSTALLATION**Put the tile to the frame from the lower to the higher side.**

STAMP ID	QTY REQ	BOX	IMAGE	STAMP ID	QTY REQ	BOX	IMAGE
H	27	E		12	259	B	

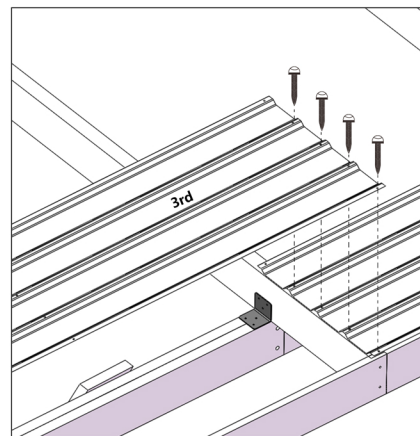
**STEP 9-1:**

Put the 1st tile to the frame and then use eight no.12 screws (M4*35) to fix the tile to the frame

**STEP9-2:**

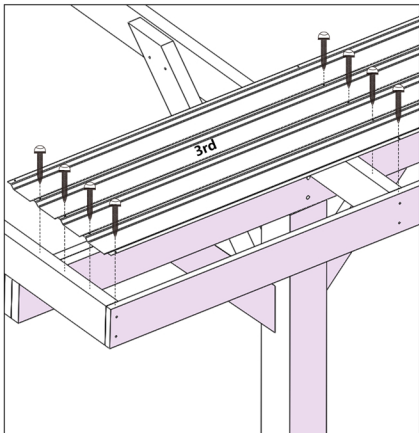
Place the 2nd tile on the frame, making sure that the side near the 1st roof overlaps the 1st tile, and then secure the 2nd tile, the 1st tile and the wood frame together with four no.12 screws (M4*35).

Then use four no.12 screws (M4*35) to fix the 2nd tile to the wood frame

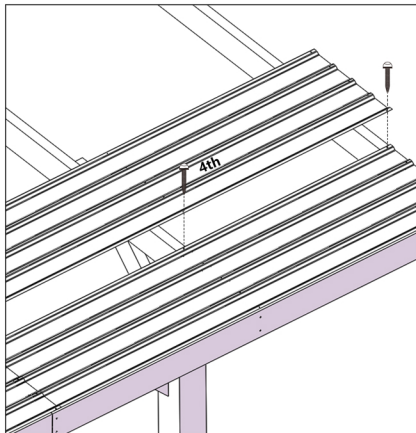
**STEP9-3:**

Repeat the assemble step 9-2 to assemble 3rd roof to the 2nd tile

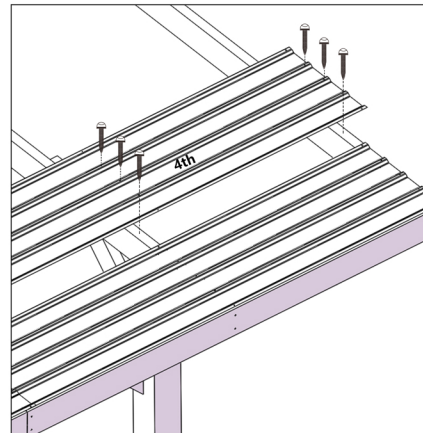
STEP 9: ROOF PANEL INSTALLATION



STEP9-4:
Then use eight no.12 screws (M4*35) to fix the 3rd tile to the wood frame




STEP9-5:
The first tile in the second row (which we will call it 4th tile in the following description), please make sure the one side overlap with the 1st tile, then use two no.12 screws (M4*35) to fix 4th tile with the 1st tile and wood frame.

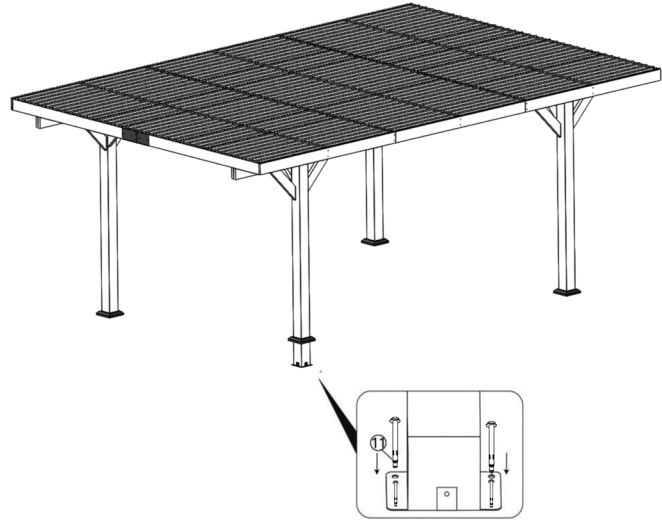


STEP9-6:
Then use six no.12 screws to fix 4th tile with wood frame

REPEAT THE ASSEMBLE STEPS FOR THE REST TILES

STEP 10:POST ANCHORING

STAMP ID	QTY REQ	BOX	IMAGE
11	16	B	



1) Find the installation side and adjust the point of contact between the carport and the ground.

2) Lift up the foot cap no.15 and then use electric drill to drill the hole then use no.11 screws to fix the foot patch and ground.

Note: If you do not secure the carport it may be blown by high winds, please always remember to secure the carport to the ground!