MIMOSA®

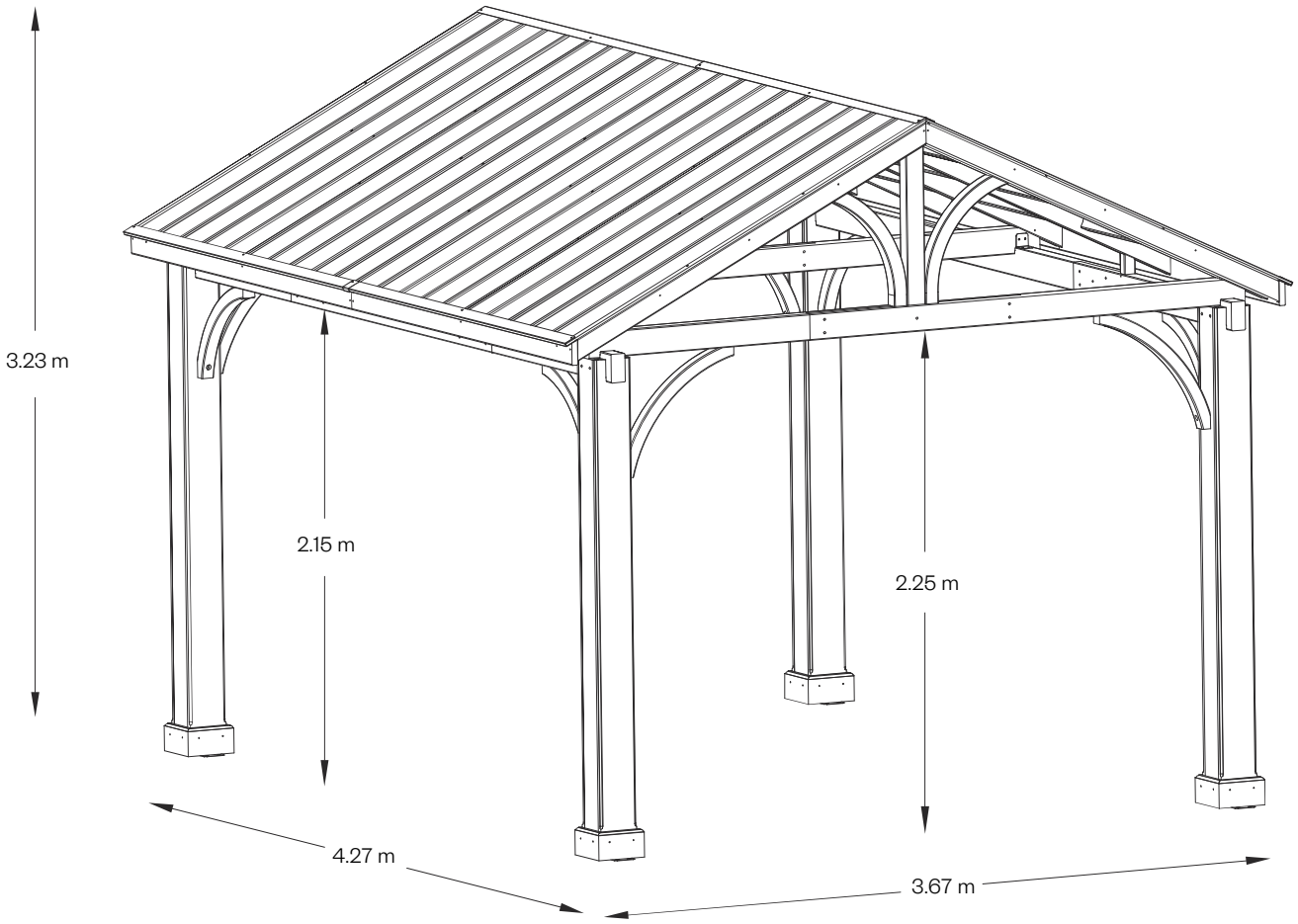
Installation Guide

Outdoor Wooden Gazebo Installation Guide

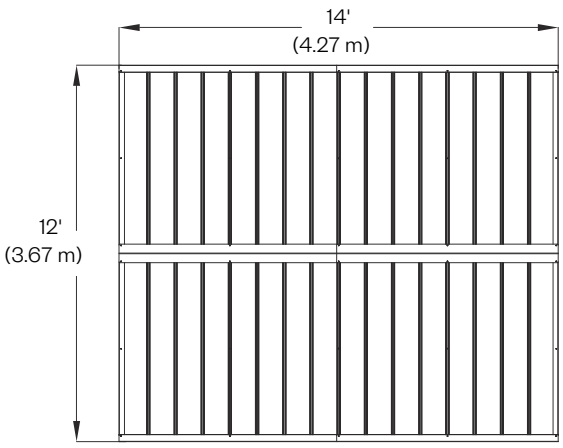
100% FSC® CERTIFIED CEDAR

Galvanised steel roof-dark grey
4.27L x 3.67W x 3.23H m
Laminated cedar timber frame-natural oil finish
Semi-permanent structure

4.



HEIGHT: 3.23 M



Warning
The ground for erecting and anchoring gazebo is required to be a level, solid and safe surface.
Beware existing utilities underground.
Keep away from any electrical installations and transportation devices.
Keep away flame or heat source (ex. fire pit, grills, etc.) from wood parts otherwise wood could burn and be damaged. Ensure safe clearance of Gazebo from heat source and do not use a BBQ under the Gazebo.
Never climb, sit or stand on structure anytime.

Regulation
It is the responsibility of consumer to be in accordance with local council regulation, construction code, zoning or any limitations and obtaining permit prior to erecting the gazebo.

Recommendation
Read instruction manual and check all parts are included prior to erecting gazebo.
Use of PPE such as safety glasses and gloves are highly recommended.
Take caution when handling parts as some may have sharp edges.
Take caution when using hand and power tools during assembly to avoid damage to parts.
Pre-drilling holes in timber may be required to avoid screws fastening on an angle or timber cracking.
Some steps will require 2-4 persons to complete safely.
Please follow all recommendations carefully.
Assembly and erecting can take approx. five hours to complete for 2-4 people.
Ensure gazebo is anchored securely to avoid possible damage to surrounding area.
Ensure roof is clear of items and debris at all times.
Anchoring bolts and anchoring systems are not supplied.
Keep instruction manual for future reference.

Care
Always using water based paint to apply or repaint on all wooden surface whenever it is necessary

Not covered
All damage caused by commercial use, improper care, neglected storage, unreasonable or abusive use, modifications, vandalism chemical, freeze damage, extreme weather or act of God, rust oxidation, stains, improper packaging for return are not covered.
Normal discolouration or build-up of snow is not covered.
Appearance defects or any other natural occurring properties of wood which do not affect performance or integrity such as cracking, warping, and so on are not covered either.

TIMBER CARE & MAINTENANCE REQUIREMENTS

PLEASE READ AS YOUR WARRANTY MAYBE VOID IF YOU DON'T FOLLOW CARE INSTRUCTIONS

ASSEMBLY

Easy to follow instructions are provided for the assembly of your gazebo. As an added precaution we strongly recommend you tighten any loose components after an initial period of use (around 3-6 months). For assured longevity and safe use of your gazebo, we recommend regular checking and tightening of any bolts.

NATURAL TIMBER PROCESS

There is a minimal risk of leeching/bleeding from the timber. All precautions have been taken to reduce the risk of timber leeching. In the unlikely event there is some leaching, we recommend the following process as a precautionary measure. All timbers contain a content of resin/sap which may initially bleed out when wet. This can stain unsealed and porous surfaces. As the nature of each timber is different, the bleeding period is unpredictable. To accelerate the bleeding process and to avoid staining we highly recommend hosing the timber of the gazebo down several times on a grassed area to diminish the leeching process prior to assembly.

MAINTAINING YOUR TIMBER GAZEBO

This gazebo consists of FSC approved Cedar Hardwood timber. With regular maintenance you will enjoy it for many years to come. Some simple steps will enable you to preserve the full beauty of the timbers. The amount of care required is directly related to the amount of exposure to the weather. Your timber gazebo has been pre oiled in the factory, but we highly recommend that it should not be left/exposed to the weather. Once exposed to the elements for even few months without protection your timber may develop cracks, checking (small surface cracks), as well as loss of colour. These cracks wont effect the structural integrity of the product if treated. To protect against the elements, it is highly recommended to apply timber oil within the first 4-6 weeks. Simply apply the oil to the gazebo using a rag. Rub the coating into the timber and ensure to remove any excess oil after every application. Always read the manufactures instruction before applying.

As this gazebo will be exposure to the elements, we recommend you use oil with built-in UV protection and re-coating every three months. If untreated, the outer surface will naturally weather to a silver/grey colour in time and surface checking (hairline cracks) may develop. Please note that the above application period is a guide only. In periods of extreme weather conditions (high levels of rain or increased hours of sun) it is recommended that you increase the frequency of application. The frequency of application will depend on the climate prevalent in your area and the appearance of the timber.

If the timber is exposed to rain, the surface fibres of the timber will rise slightly and have a rough texture. This is normal; we recommend a light sanding with a semi-fine sandpaper to return the surface to a smooth finish and treat with a timber oil.

IMPORTANT SAFETY INSTRUCTIONS

- The ground for erecting and anchoring the gazebo is required to be a level, solid and a safe surface.
- Beware of existing utilities underground.
- Keep away from any electrical installations and transportation devices.
- Keep away from flame or heat source (ex. fire pit, grills, etc.)
- Never climb, sit, or stand on the structure.

Assembly Tools Required (Not Supplied):
8' Ladder x 1 / 6' Ladder x2 / Tape Measure / L-Square Rule / Carpenters Water / Level Rule / Drill / Hammer / Screwdriver or Power Screwdriver / Safety Glasses /Hard Hat / Safety Gloves

Use ladder(s).

Use tape measure to make sure the distances between posts are correct

Some steps are required for at least 2-4 adults for erecting.

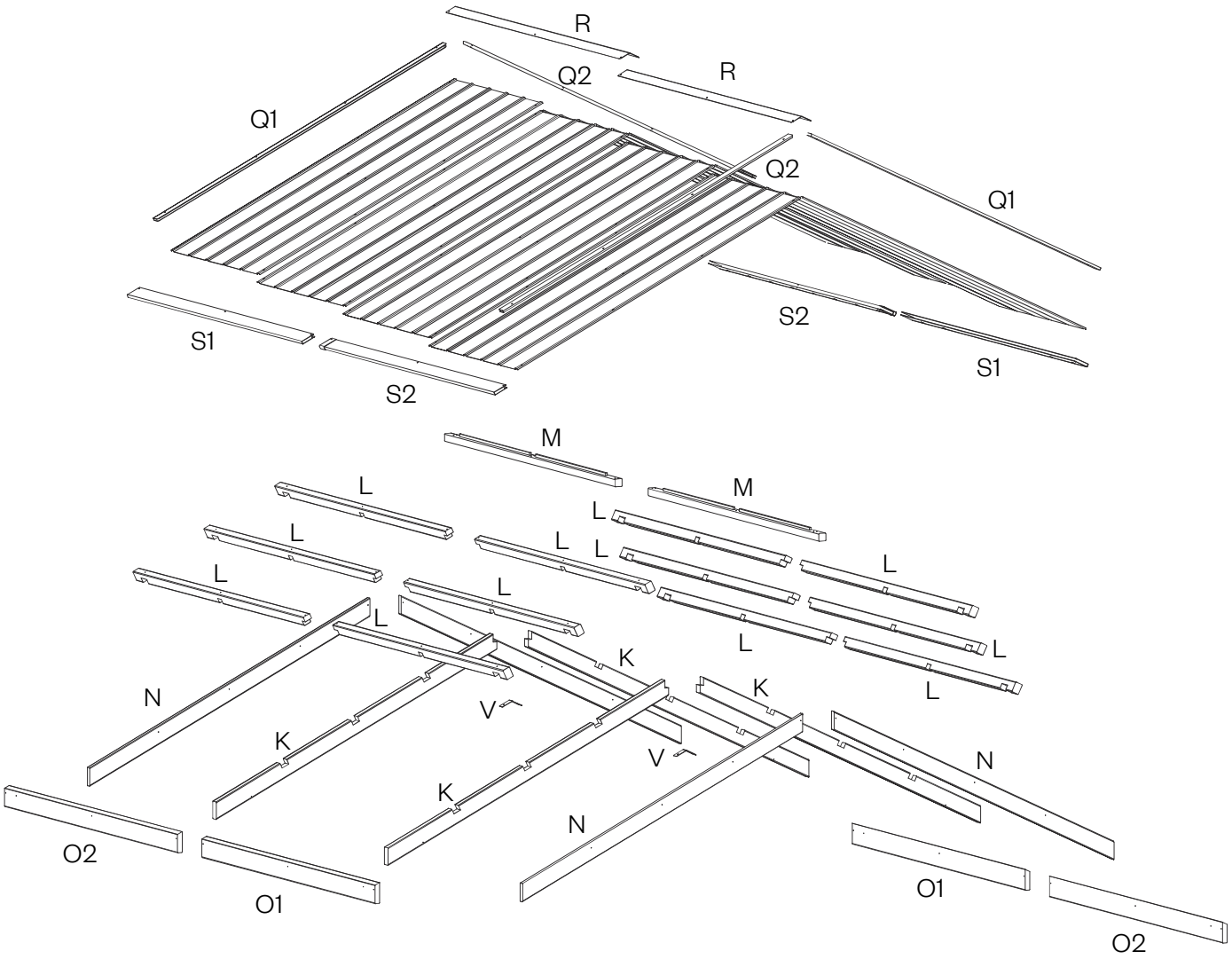
Use L-square rule to make sure the parts positions are correct.

Use hammer to secure stakes into ground.

Use level rule to make sure the crossbars are level.

When fastening the screw to wood part, set the function to lower speed, pre-drill a small hole for positioning and preventing screw slanted or wood cracking.

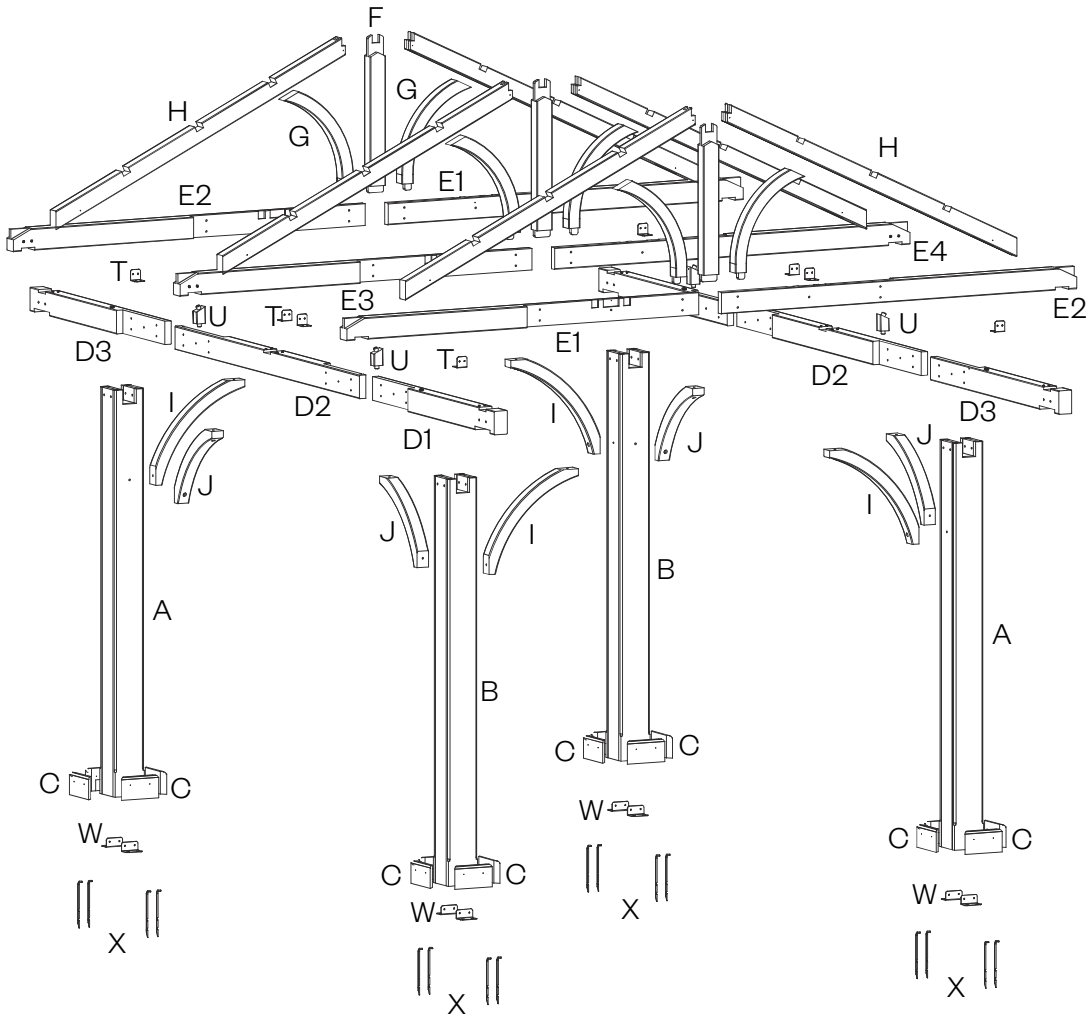
8.



PARTS LIST:

K	Roof rafter	4
L	Roof support rafter	12
M	Roof rafter	2
N	Roof rafter	4
O1	Side rafter	2
O2	Side rafter	2
P	Roof panel	8

Q1	Roof panel cap	2
Q2	Roof panel cap	2
R	Roof cap	2
S1	Roof panel profile	2
S2	Roof panel profile	2
V	V shape bracket	2



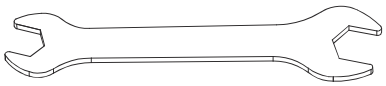
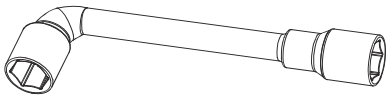
PARTS LIST:

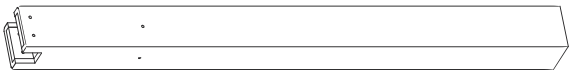
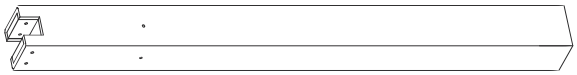
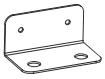
A	Post	2
B	Post	2
C	Base cap	16
D1	Long crossbar for 14' side (Right)	2
D2	Long crossbar for 14' side (Middle)	2
D3	Long crossbar for 14' side (Left)	2
E1	Short crossbar for 12' side (Left)	2
E2	Short crossbar for 12' side (Right)	2
E3	Short crossbar for 12' side (Left)	1
E4	Short crossbar for 12' side (Right)	1

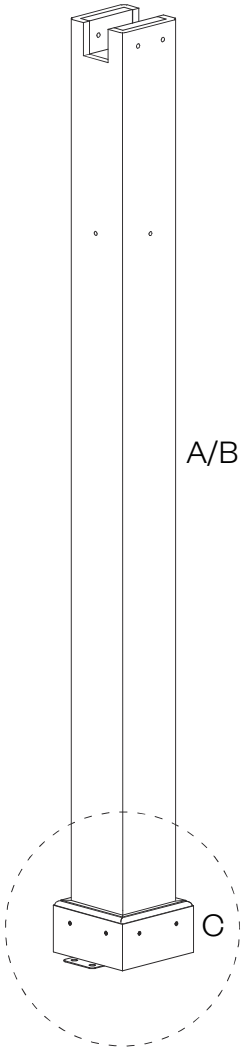
F	Roof rafter	3
G	Roof rafter	6
H	Roof rafter	6
I	Corner supporter (Right)	4
J	Corner supporter (Left)	4
T	L shape bracket	8
U	Support wood	4
W	Base flange	8
X	Stake	16

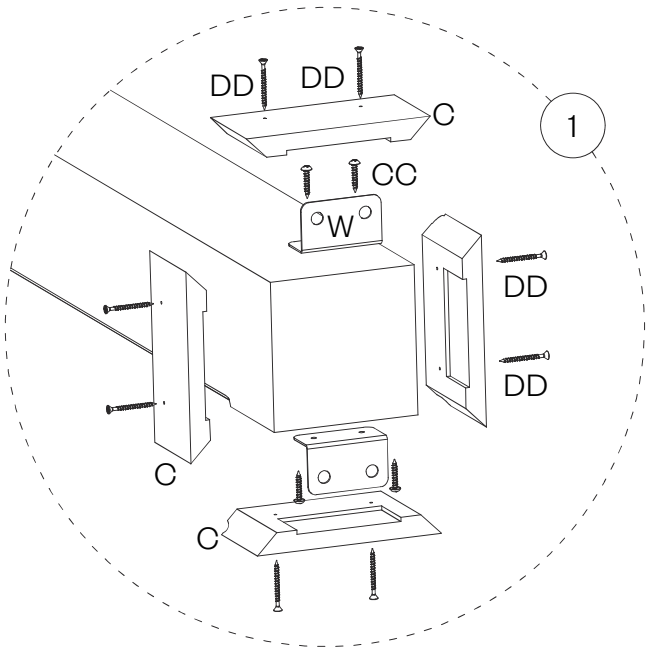
10.

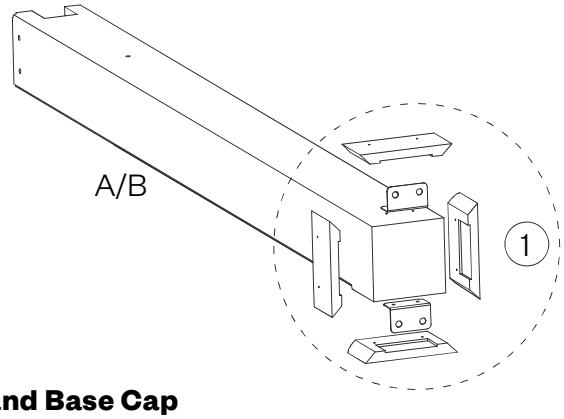
HARDWARE KIT:

AA	Bolt	8	 M10 X 180mm
BB	Bolt	51	 M8 X 70mm
CC	Self tapping screw	108	 M6 X 35mm
DD	Wood Bolt	141	 M5 X 50mm
EE	Washer	8	 M10
FF	Washer	35	 M8
GG	Washer	16	 M8
HH	Plastic washer	56	 M6
II	Spanner	2	
JJ	Spanner	1	
X	Stake - Temporary anchoring	16	

A		x 2		CC		x 16
B		x 2				
C		x 16	W		x 8	DD		x 32





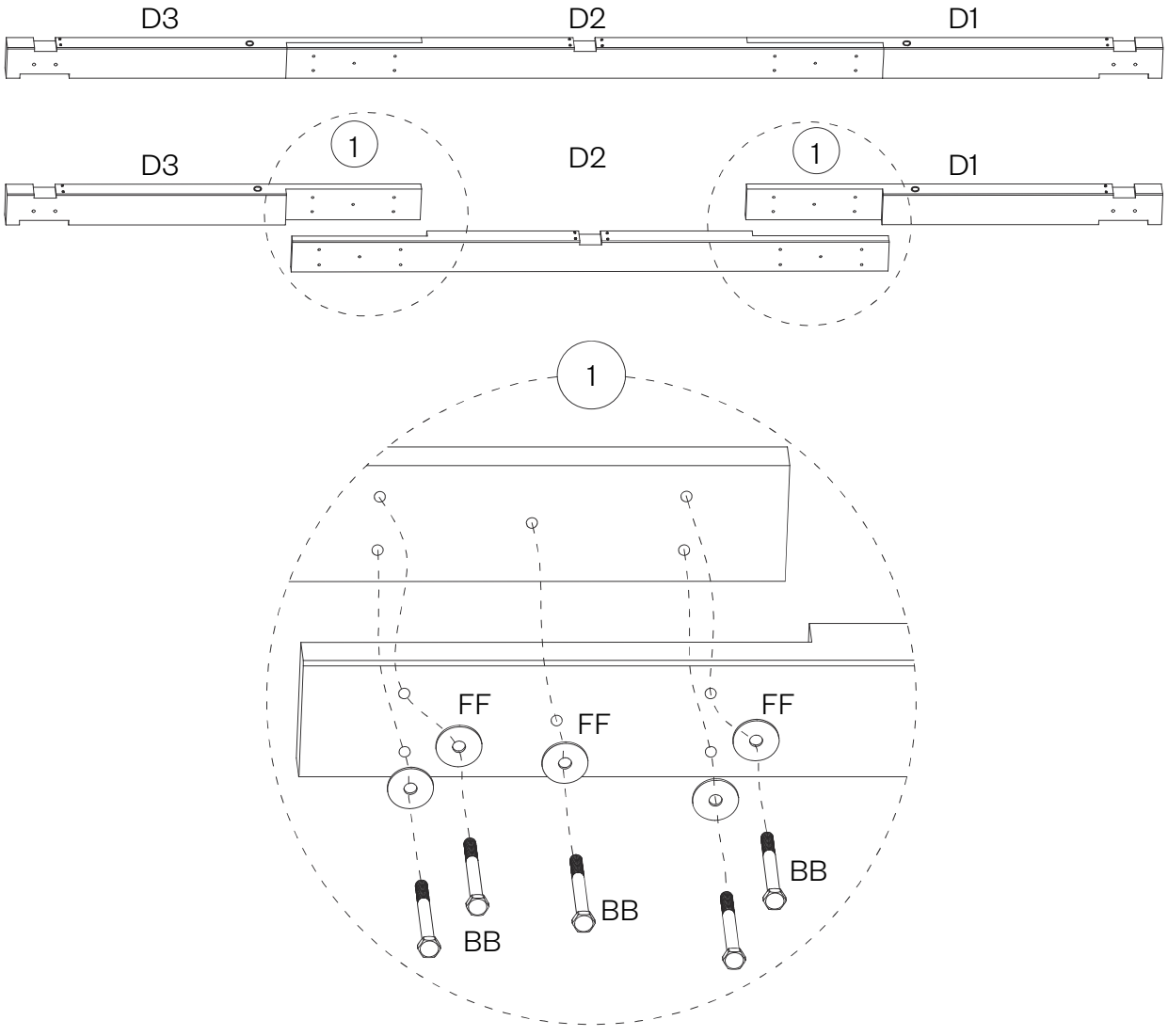


Step 1: Post with Base Flange and Base Cap

Secure base flange (W) on the bottom of post (A) by using self tapping screws (CC).
Then secure base cap (C) by using wood bolts (DD) as shown in fig. 1.
Repeat these steps for al l rest posts (A/B).

12.

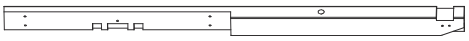
D1		x 2	BB		x 20
D2		x 2	FF		x 20
D3		x 2	II		x 1

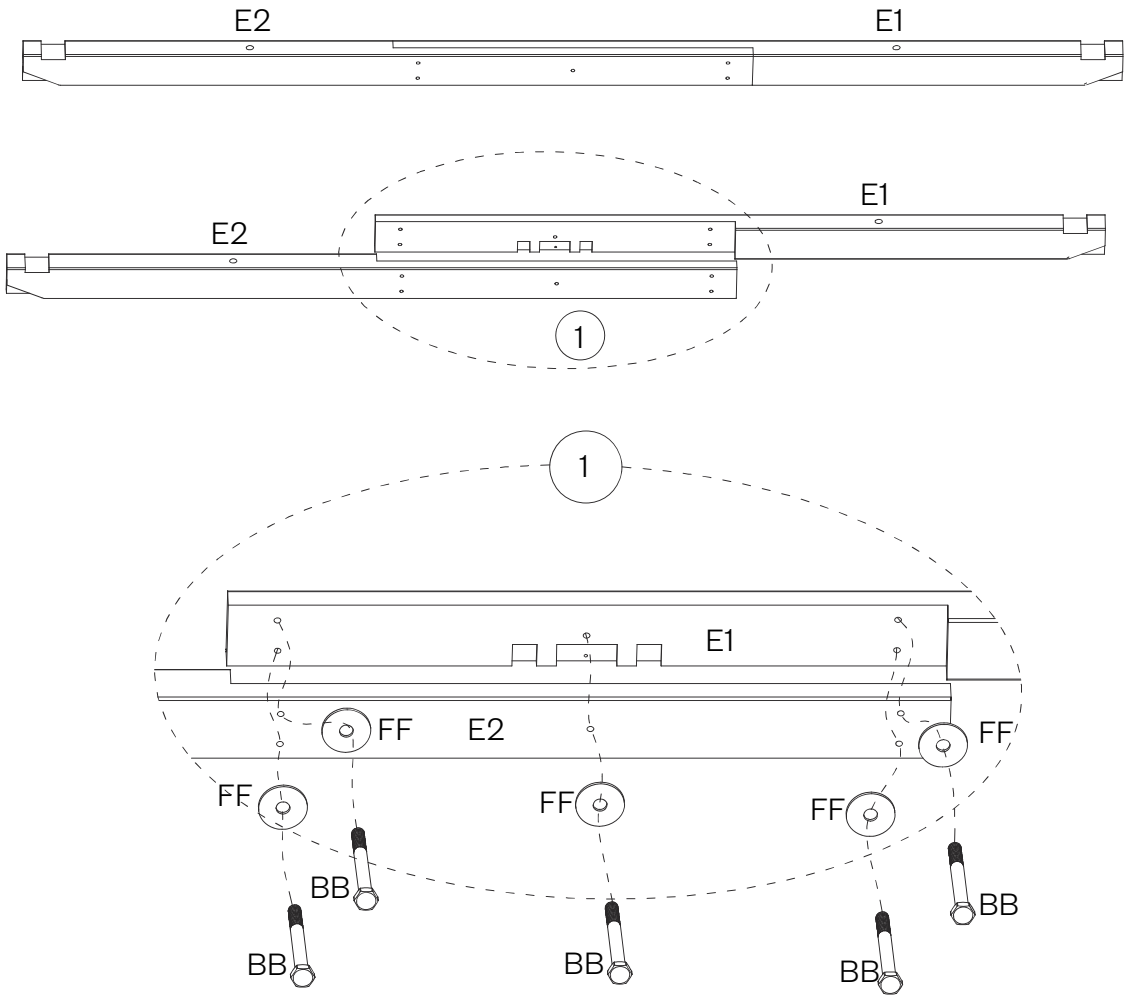


Step 2: Two Long Cross bar Sets

Connect right, middle and left long crossbars (D1&D2&D3) by using bolts (BB) & washers (FF) as shown in fig. 1.

Repeat this step for another long cross bar set (D1&D2&D3).

E1		x 2	BB		x 10
E2		x2	FF		x 10
			II		x 1

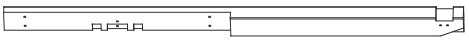
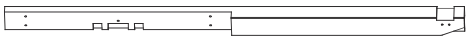


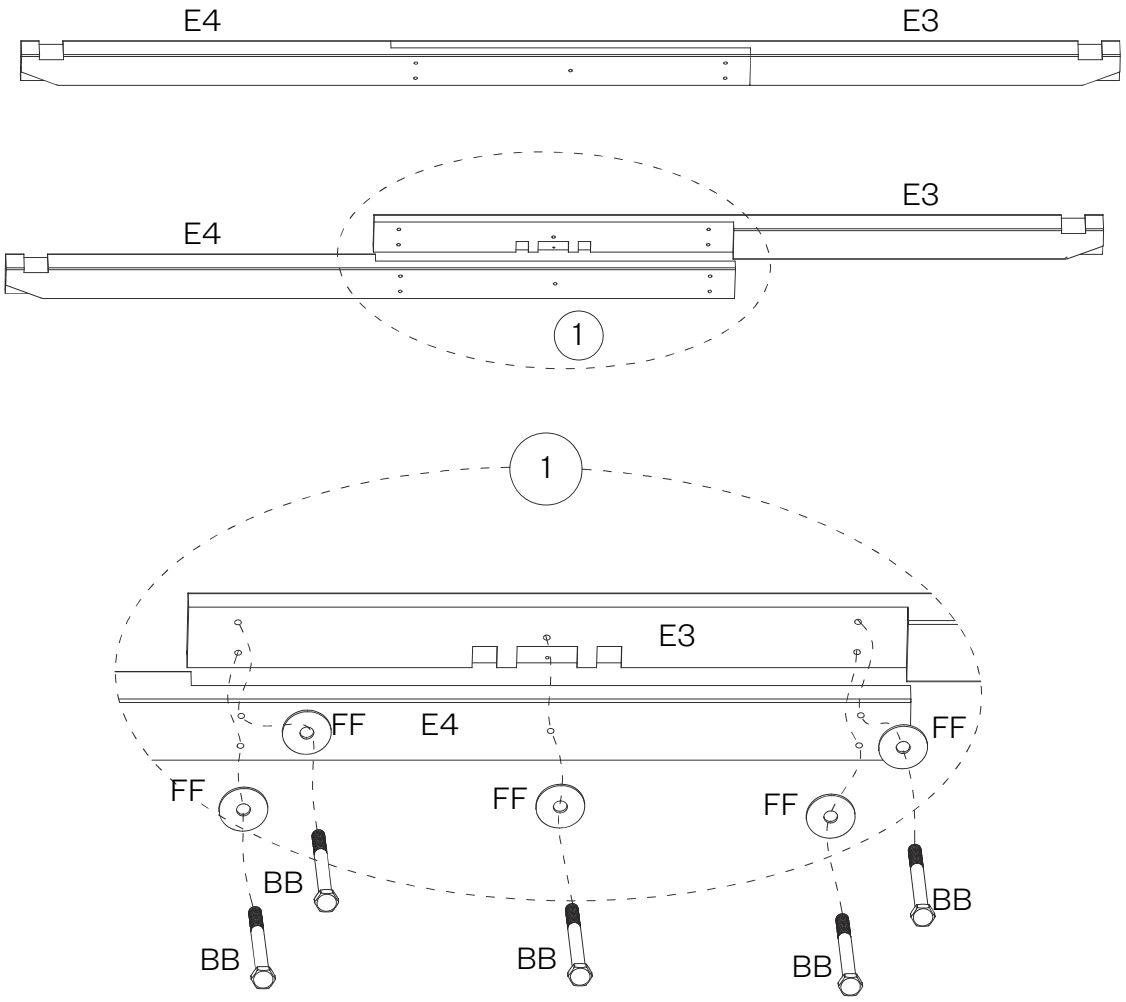
Step 3: Two Short Cross bar Sets

Connect left and right short crossbars (E1&E2) by using bolts (BB) & washers (FF) as shown in fig. 1.

Repeat this step for another short crossbar set (E1&E2).

14.

E3		x 1	BB		x 5
E4		x1	FF		x 5
			II		x 1

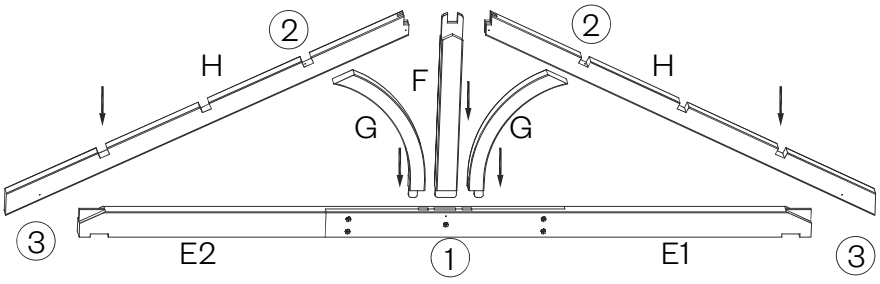


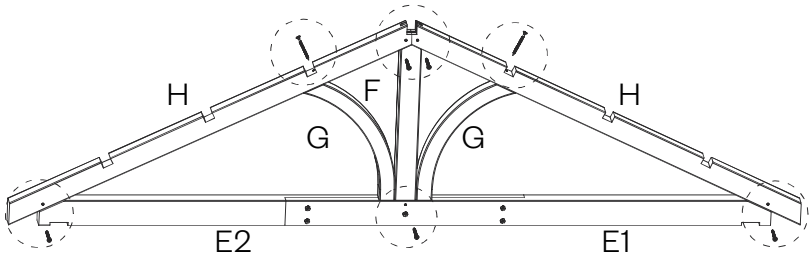
Step 4: Middle Short Cross bar Set

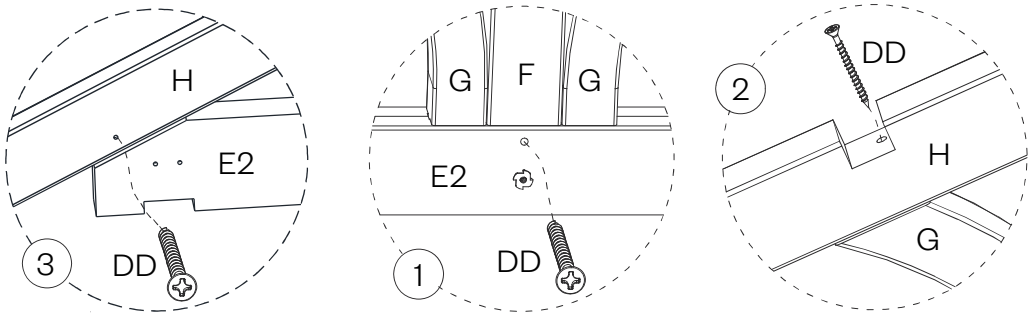
Connect left and right short crossbars (E3&E4) by using bolts (BB) & washers (FF) as shown in fig. 1.

F		x 2
G		x 4
H		x 4

DD		x 14







Step 5: Roof Truss Sets

Secure roof rafters (G&F) on short crossbar set (E1&E2) by using wood bolts (DD) align the part in position as shown in fig. 1.

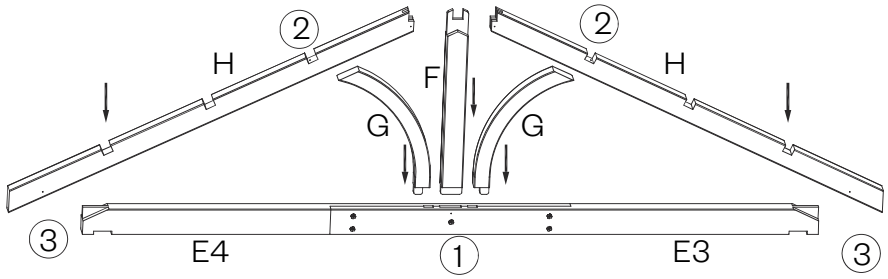
Then insert roof rafters (H) on this set and secure by using wood bolts (DD) as shown in fig 2 and fig 3.

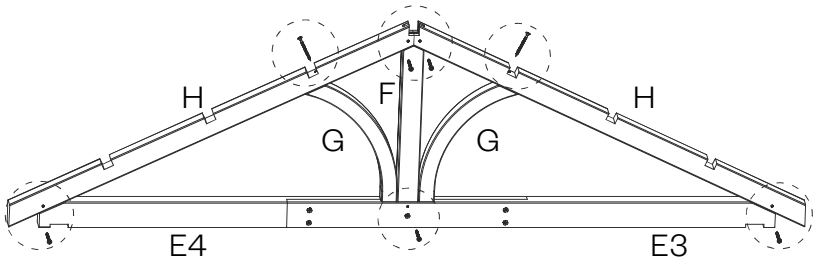
Repeat same procedure for remaining parts to make another roof truss set (E1,E2,F,G,H).

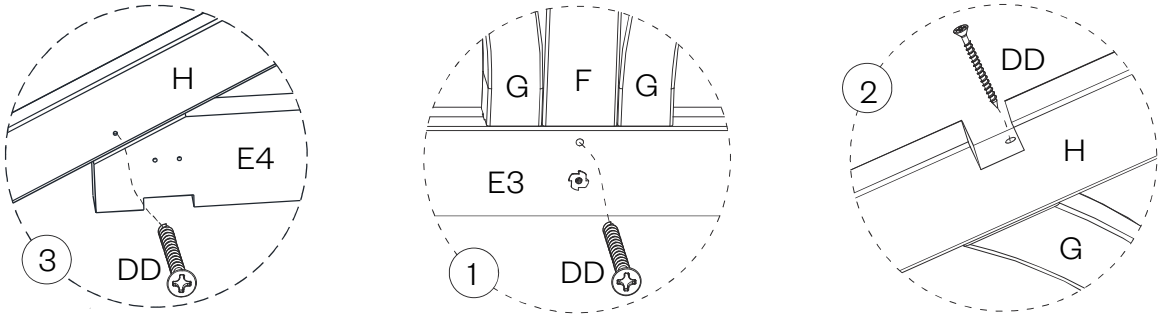
16.

F		x 1
G		x 2
H		x 2

DD x 7





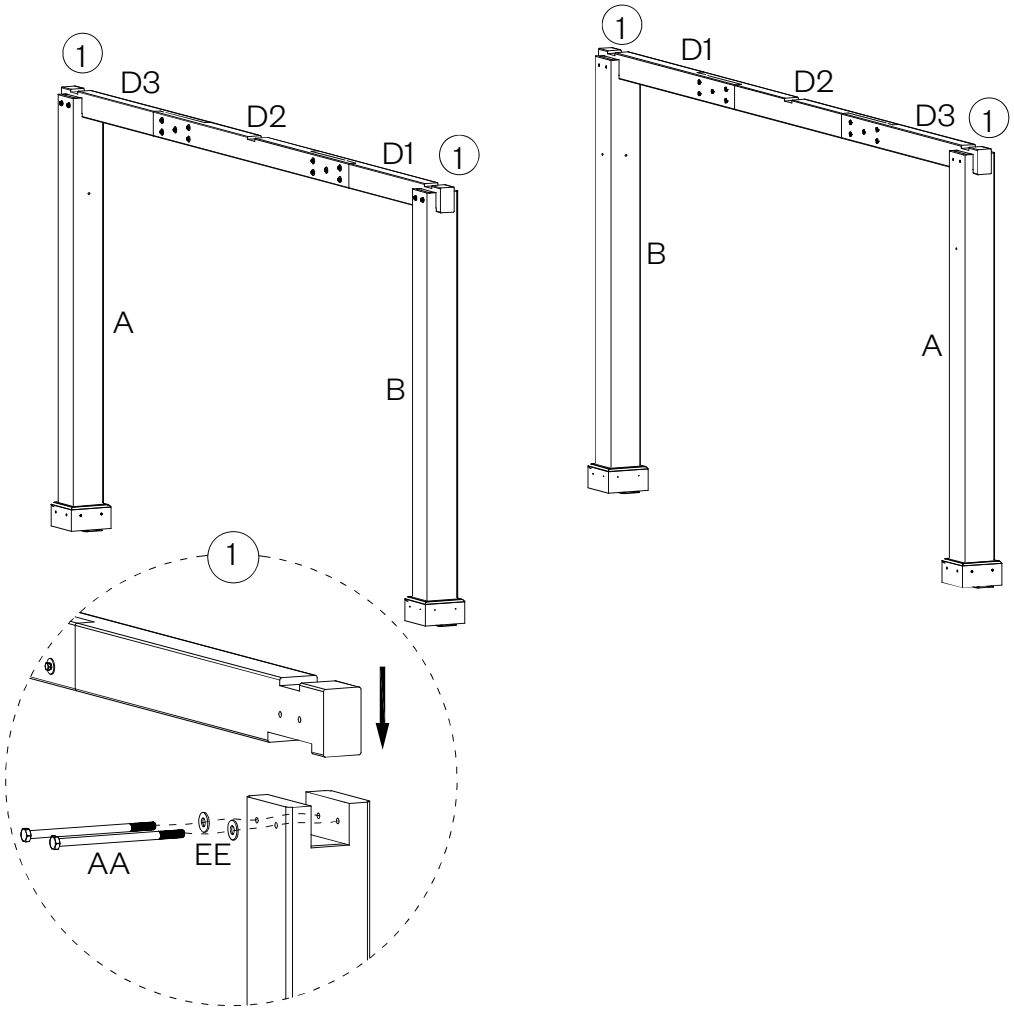


Step 6: Middle Roof Truss Set

Secure roof rafters (G&F) on short crossbar set (E3&E4) by using wood bolts (DD) align the part in position as shown in fig. 1.

Then insert roof rafters (H) on this set and secure by using wood bolts (DD) as shown in fig 2 and fig 3 .

AA		x 8	II		x 1
EE		x 8			



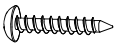
Step 7: Post and Long Cross bar Set

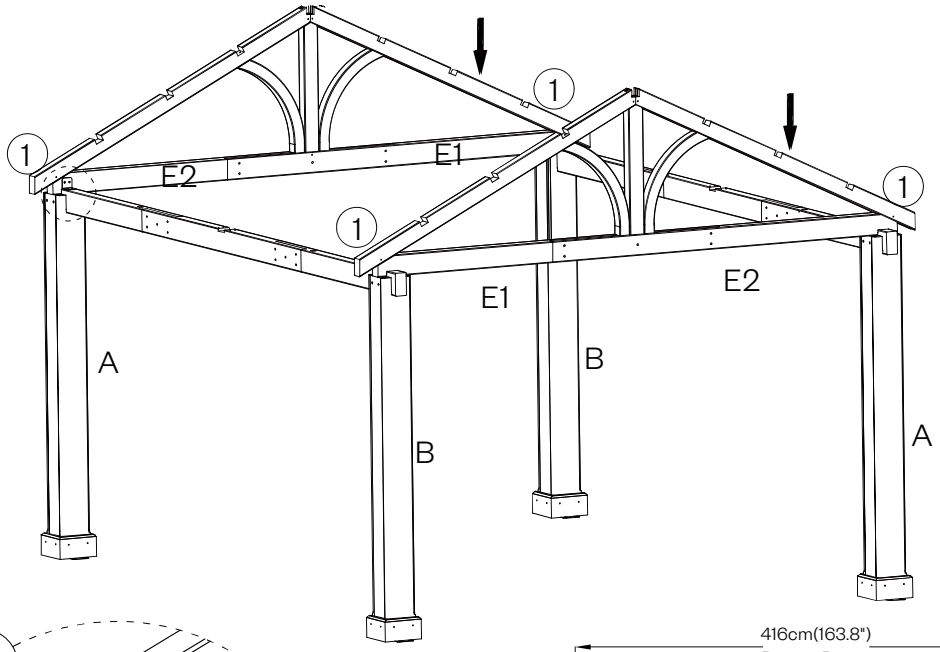
Note: Before the following step, make sure the ground is flat and level. For your security, 4 adults for assembling are required since this step.

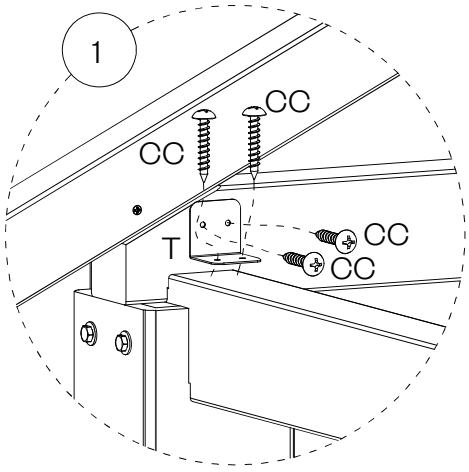
Secure long crossbar set (D1&D2&D3) of step 2 on two posts (A&B) by using bolts (AA) and washers (EE) as shown in fig. 1.

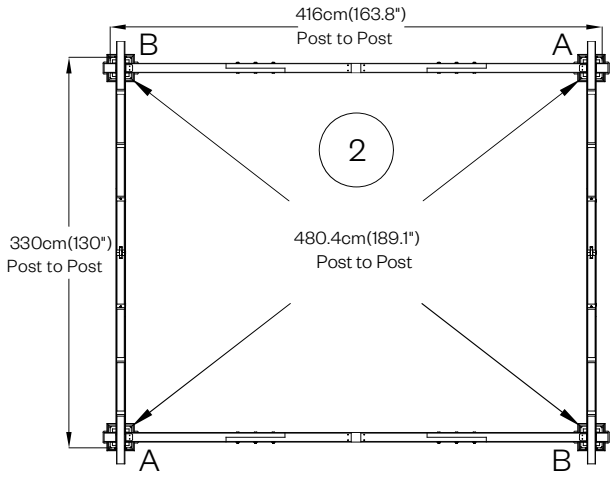
Repeat same procedure for another set.

18.

T		x 4	CC		x 16





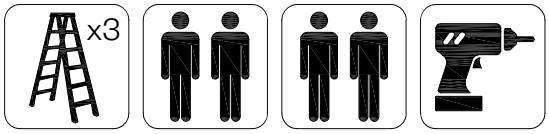


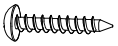
Step 8: Posts, Cross bar Sets and Roof Truss Set

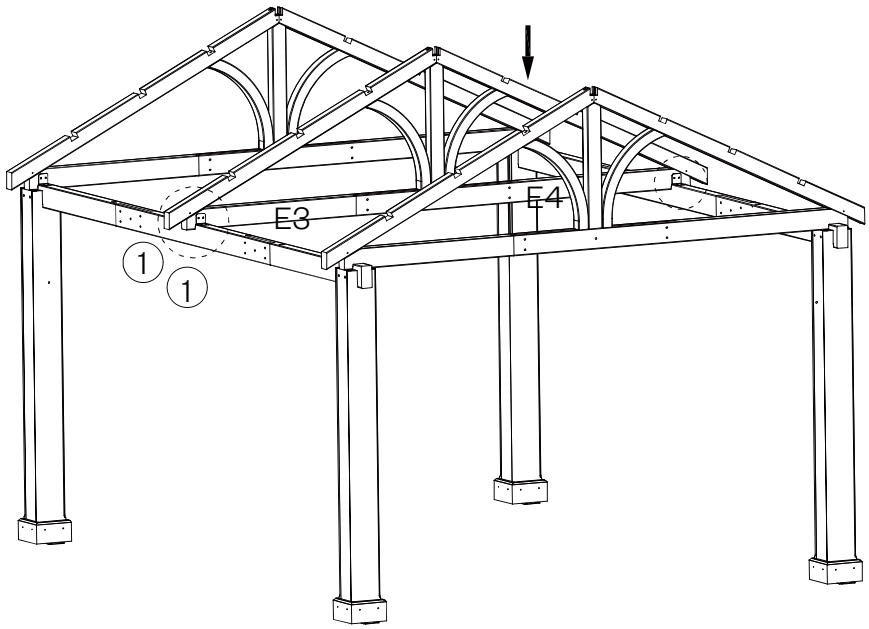
Secure assembled roof truss (G&F&E1&E2&H) of step 5 on assembled posts and long crossbar set (A&B&D1&D2&D3) of step 7 by using self tapping screws (CC) through L shape brackets (T) as shown in fig. 1.

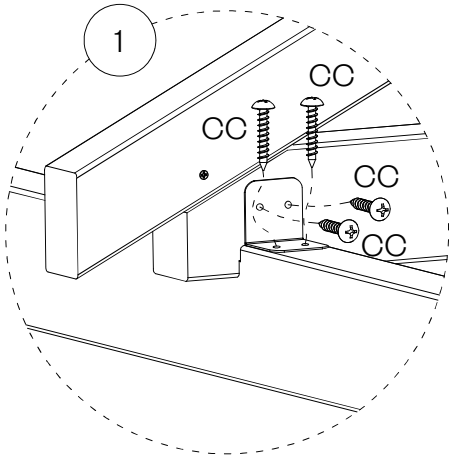
Repeat same procedure for the opposite side.

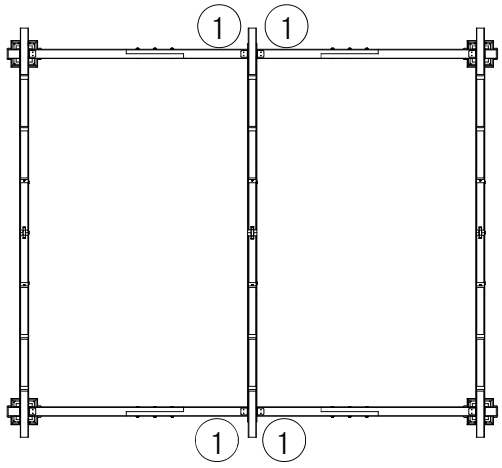
Make sure each corner is square and level. Accurate and make sure the distances between post and post (A-B), (B-A) (A-A), (B-B) are same as shown in fig. 2.



T		x 4	CC		x 16





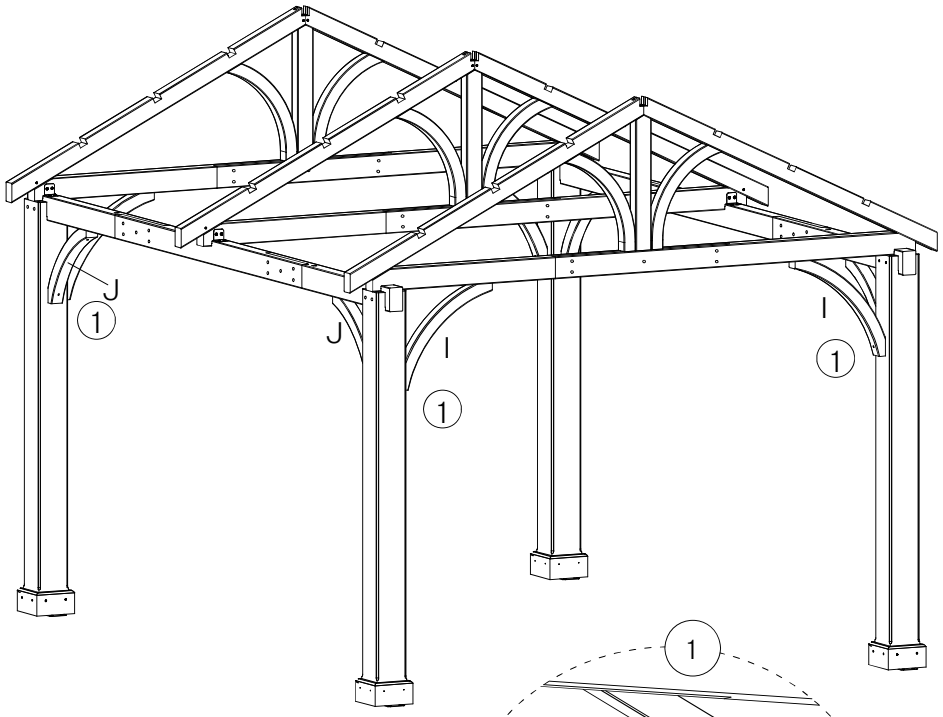


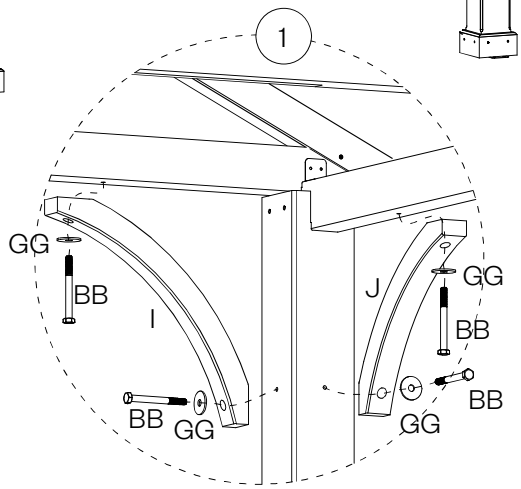
Step 9: Crossbar Sets and Middle Roof Truss Set

Secure assembled roof truss (G,F,E3,E4&H) of step 6 on the middle of assembled posts and long crossbar set (A,B,D1,D2&D3) of step 7 by using self tapping screws (CC) through L shape brackets (T) as shown in fig. 1.

20.

I		x 4	BB		x 16
J		x 4	GG		x 16
			JJ		x 1



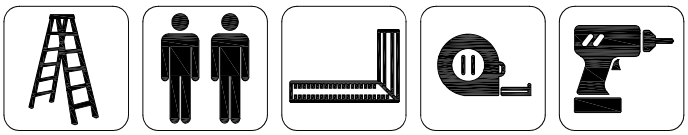


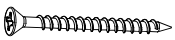
Step 10: Corner Supporter

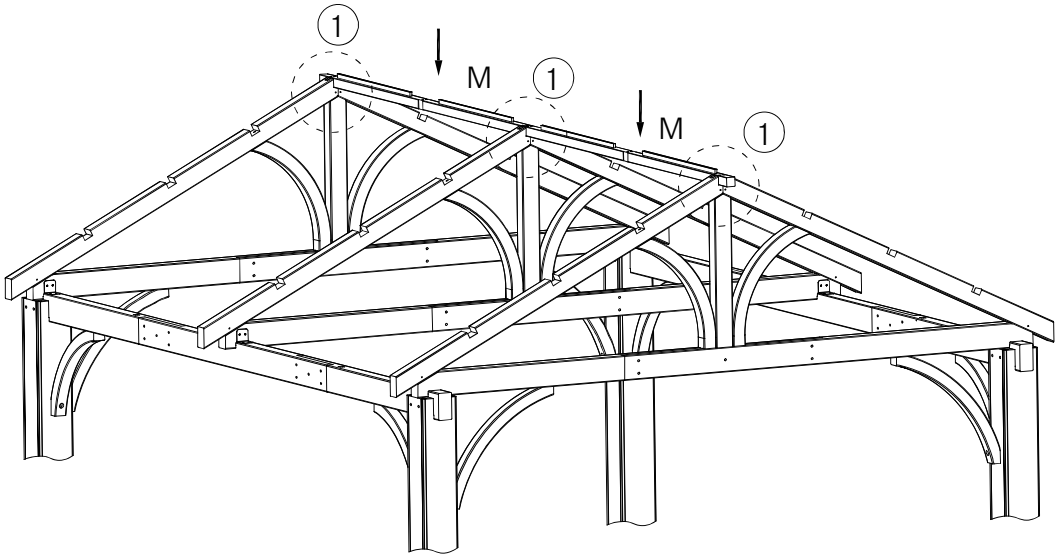
Secure right corner supporter (I) to post (A) and short cross bar set (E1&E2) by using bolts (BB)& washers (GG) as shown in fig. 1.

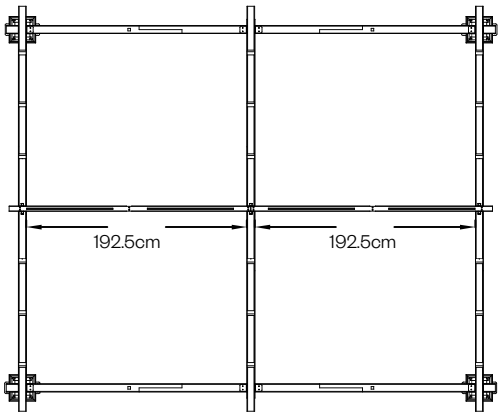
Secure left corner supporter (J) to post (A) and long crossbar set (D1&D2&D3) by using bolts(BB) & washers (GG) as shown in fig. 1.

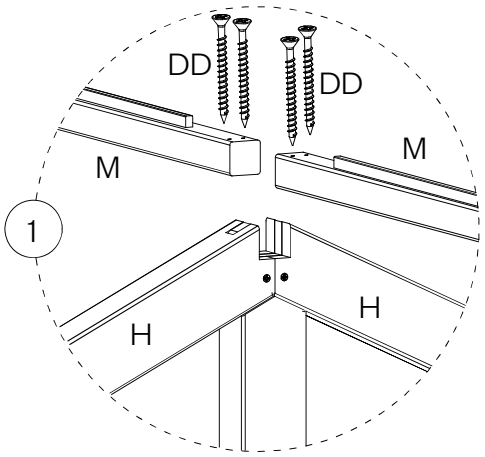
Repeat same procedures for the remaining corners.



M		x 2	DD	 x 8





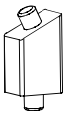


Step 11: Roof Rafter

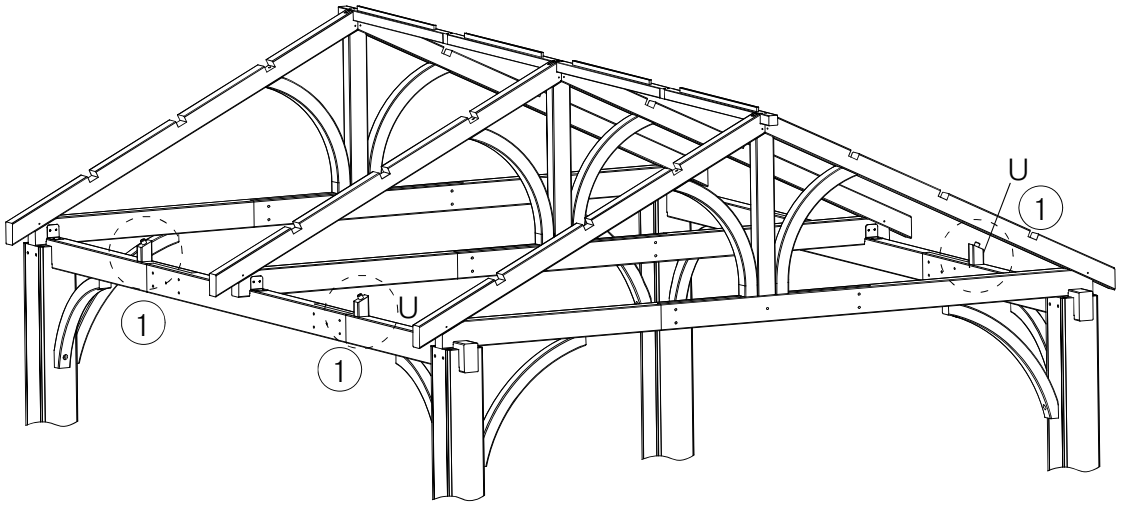
Insert the roof rafter (M) into the roof rafter (H) mortise on peak, and secure with wood bolts (DD) as shown in fig. 1.

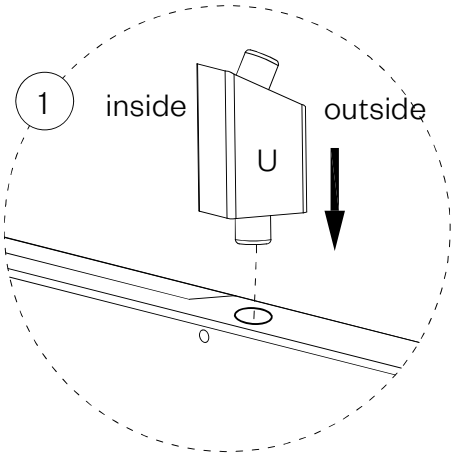
22.

U



x 4

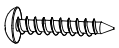
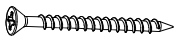


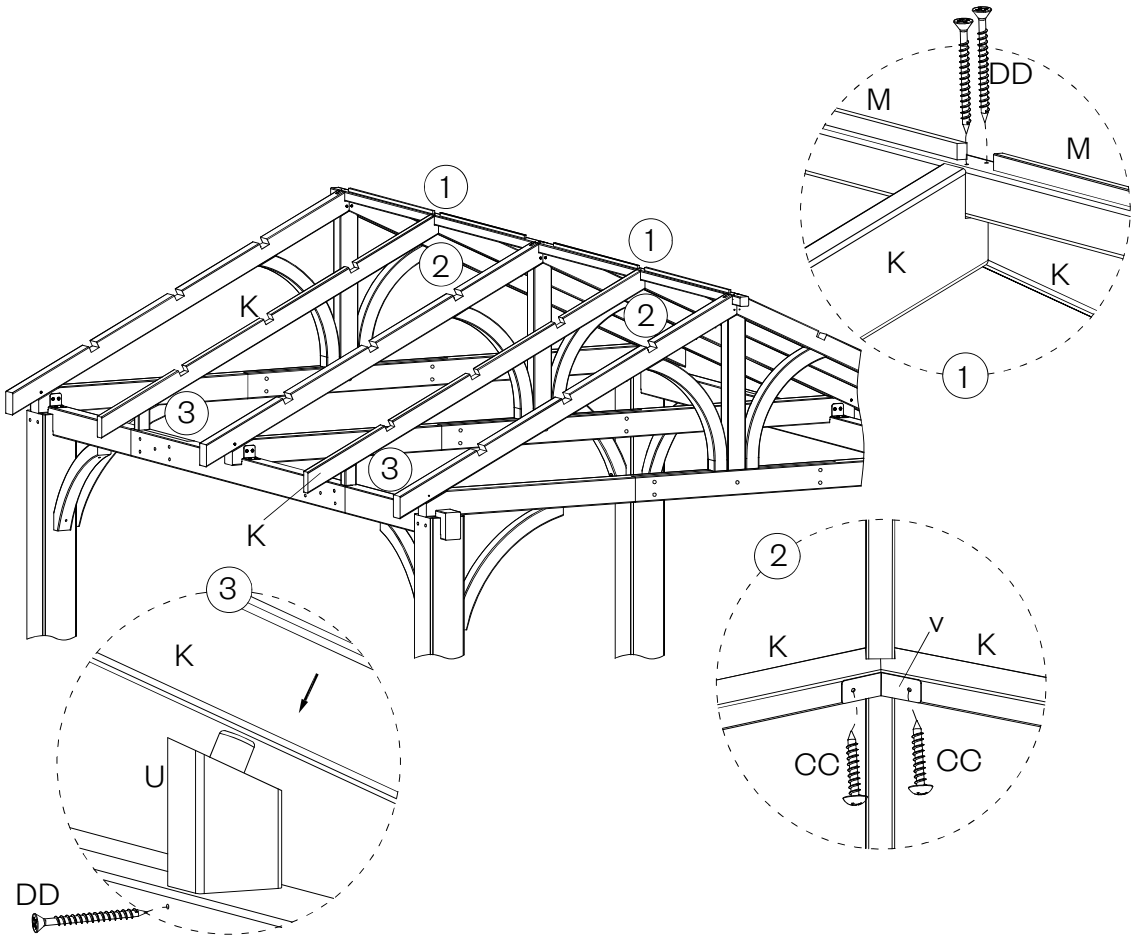


Step 12: Support Wood

Insert support wood (U) onto long crossbar set (D1&D2&D3) groove as shown in fig. 1. Repeat this step for the remaining support woods (U).

Note: The small rectangle of support wood faces outside of gazebo, and the big rectangle faces inside.

K		x 4	CC		x 4
V		x 2	DD		x 8



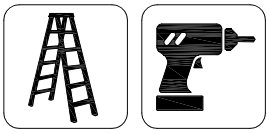
Step 13: Roof Rafter

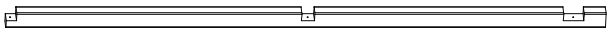
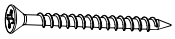
Secure roof rafter (M) on roof rafter (K) by using wood bolts (DD) align the part in position as shown in fig. 1.

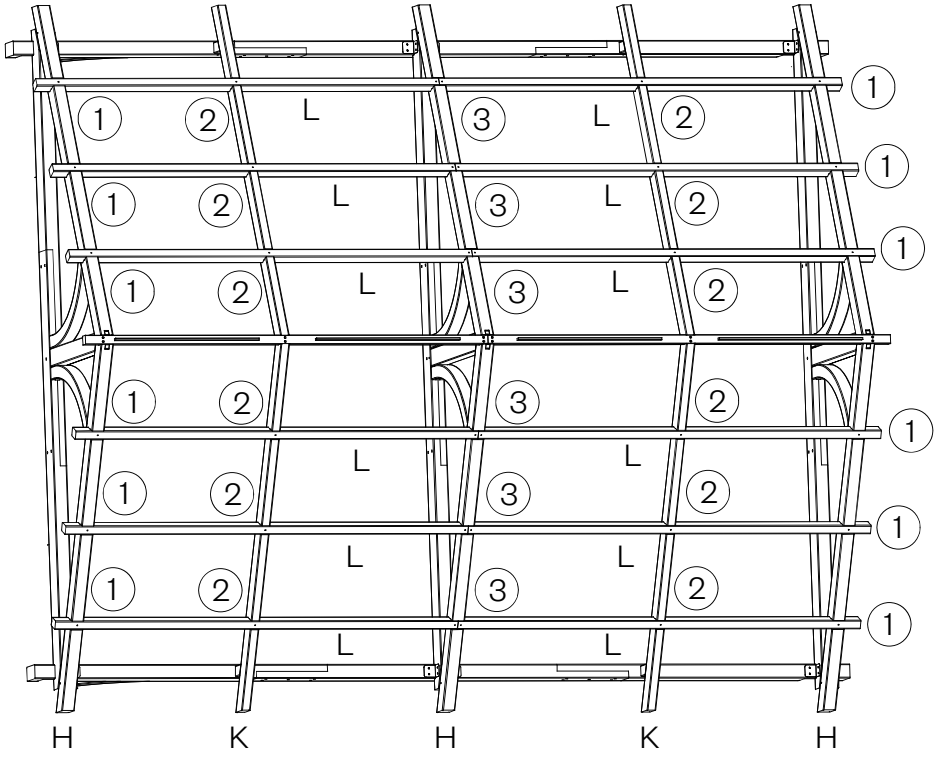
Secure V shape bracket (V) under roof rafter (K) by using self tapping screws (CC) as shown in fig. 2.

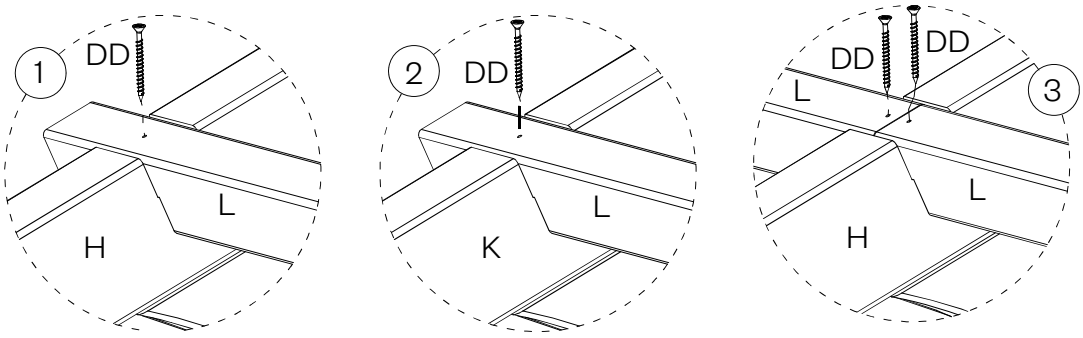
Place roof rafter (K) onto support wood (U) align the part in position, and secure support wood(U) by using wood bolts (DD) as shown in fig. 3.

24.



L  x 12	DD  x 36

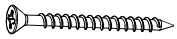


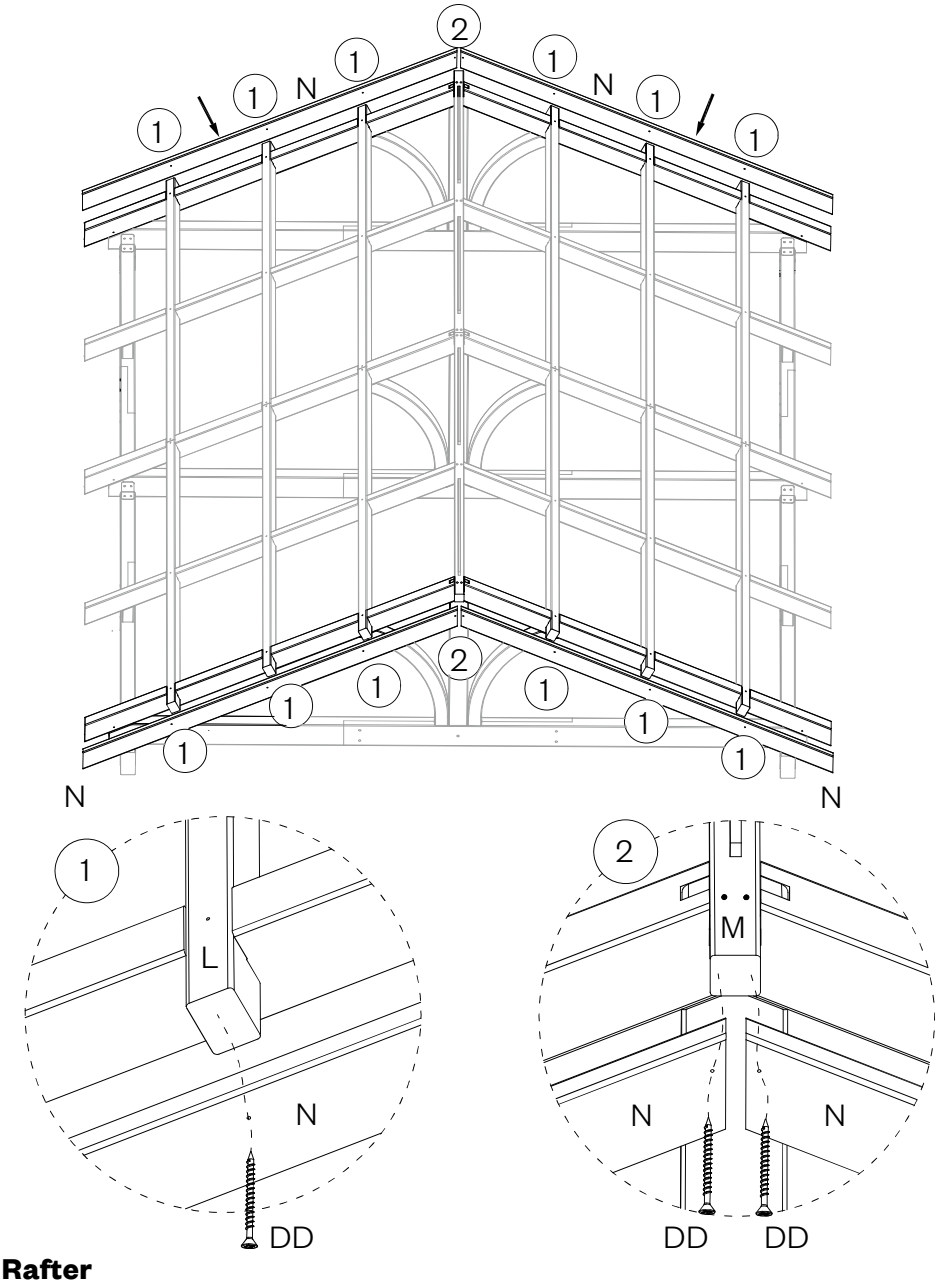


Step14 : Roof Support Rafter

Secure roof support rafter (L) onto roof rafters (H) and roof rafter (K) by using wood bolts (DD) align the part in position as shown in fig. 1, fig. 2 and fig. 3.

Repeat same procedure for the rest roof support rafters (L).\M+200FF\M+200FF\M+200FF

N		x 4	DD		x 16



Step15 : Roof Rafter

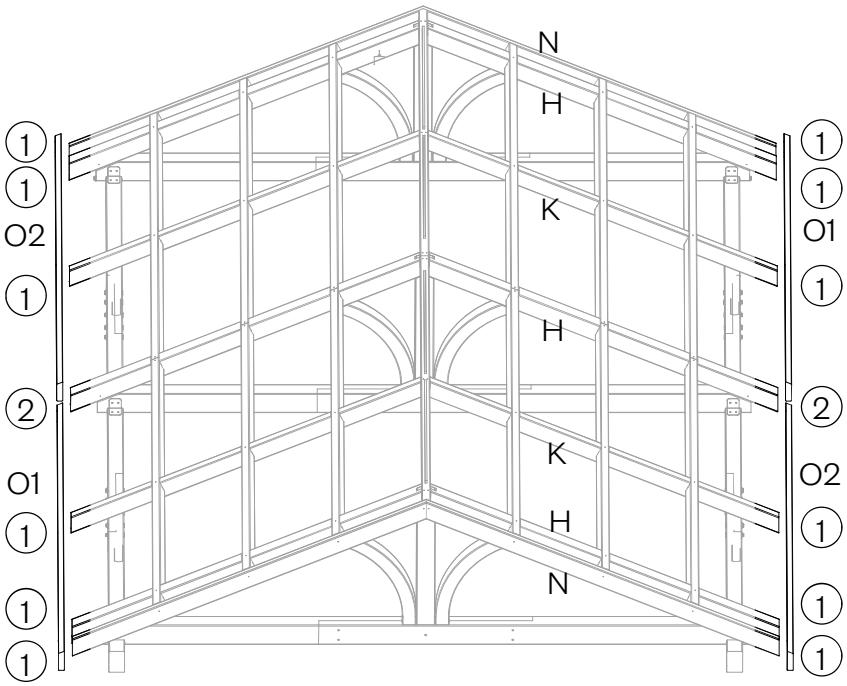
Secure roof rafter (N) with roof support rafters (L) and roof rafter (M) by using wood bolts (DD) align the part in position as shown in fig. 1 & 2.

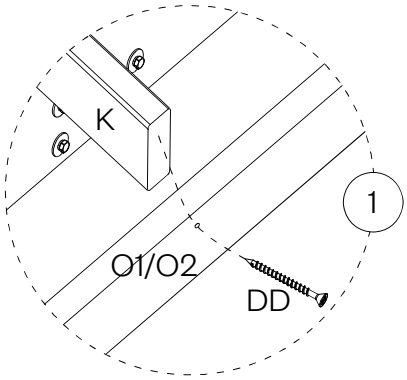
Repeat same procedure for the rest roof rafters (N).

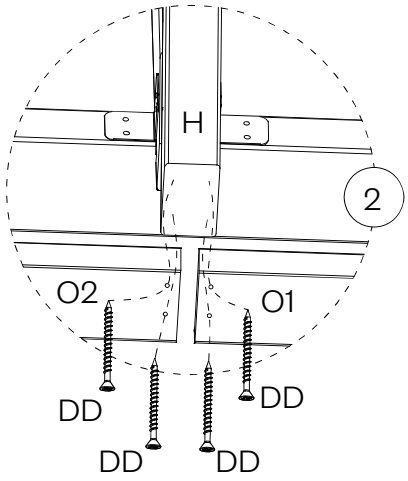
26.

O1		x 2
O2		x 2

DD		x 20

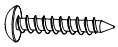


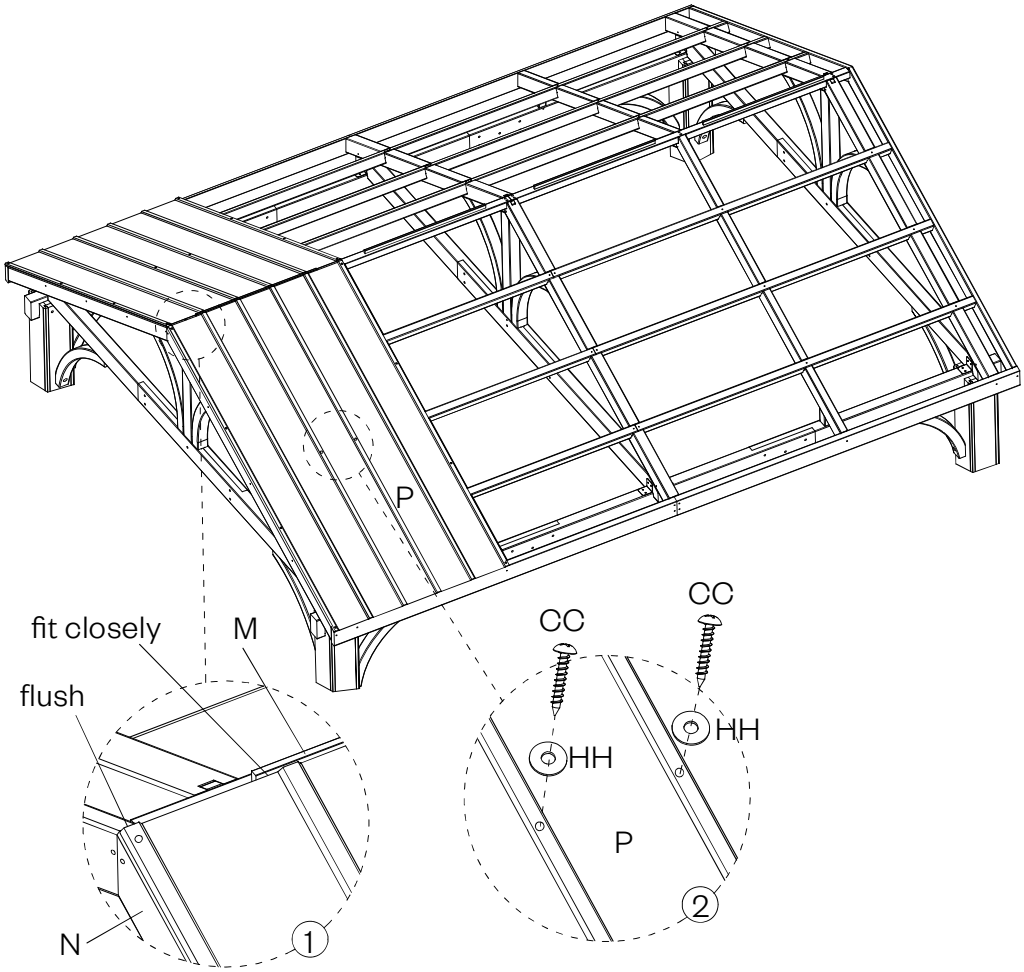




Step 16: Side Rafter

Secure side rafter (O1) and side rafter (O2) with roof rafters (K), roof rafters (H) and roof rafters (N) by using wood bolts (DD) align the part in position as shown in fig. 1 and fig. 2. Repeat same procedure for the opposite side.

P		x 2
CC		x 4
HH		x 4

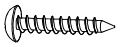
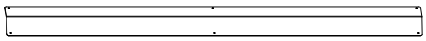


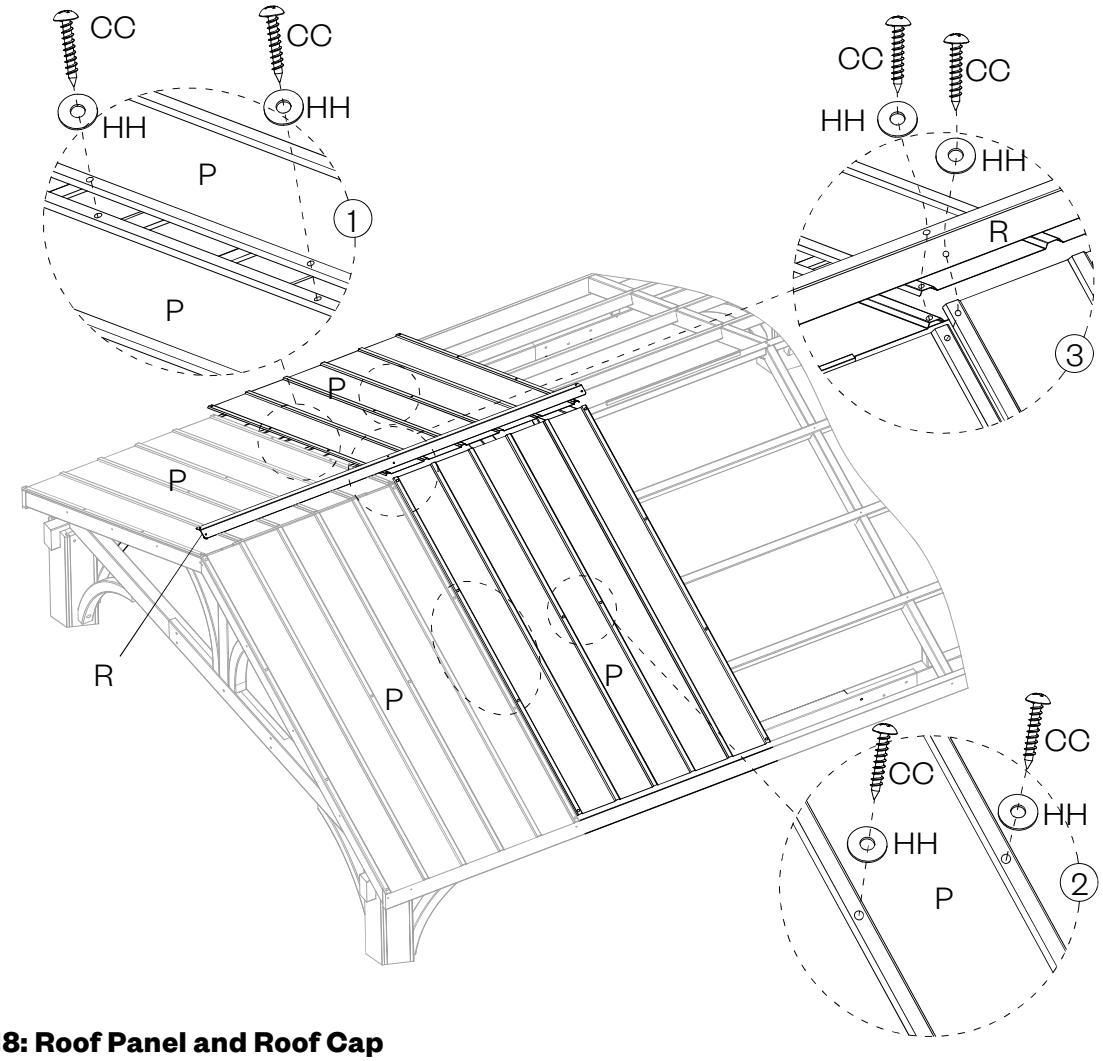
Step 17: Roof Panel

Place the first roof panel (P) on the left side of roof top. Notice the edges of roof panel (P) and roof rafter (N) are flush; also the edges of roof panel (P) and roof rafter (M) are fit closely as shown in fig. 1.

Secure roof panel (P) by using self tapping screws (CC) & plastic washers (HH) as shown in fig. 2. (Note: Only secure two holes on middle of panel for this step.)

Repeat same procedure to insert the second panel for opposite side.

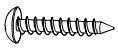
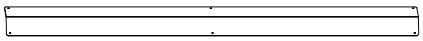
P		x 2	CC		x 10
R		x 1	HH		x 10

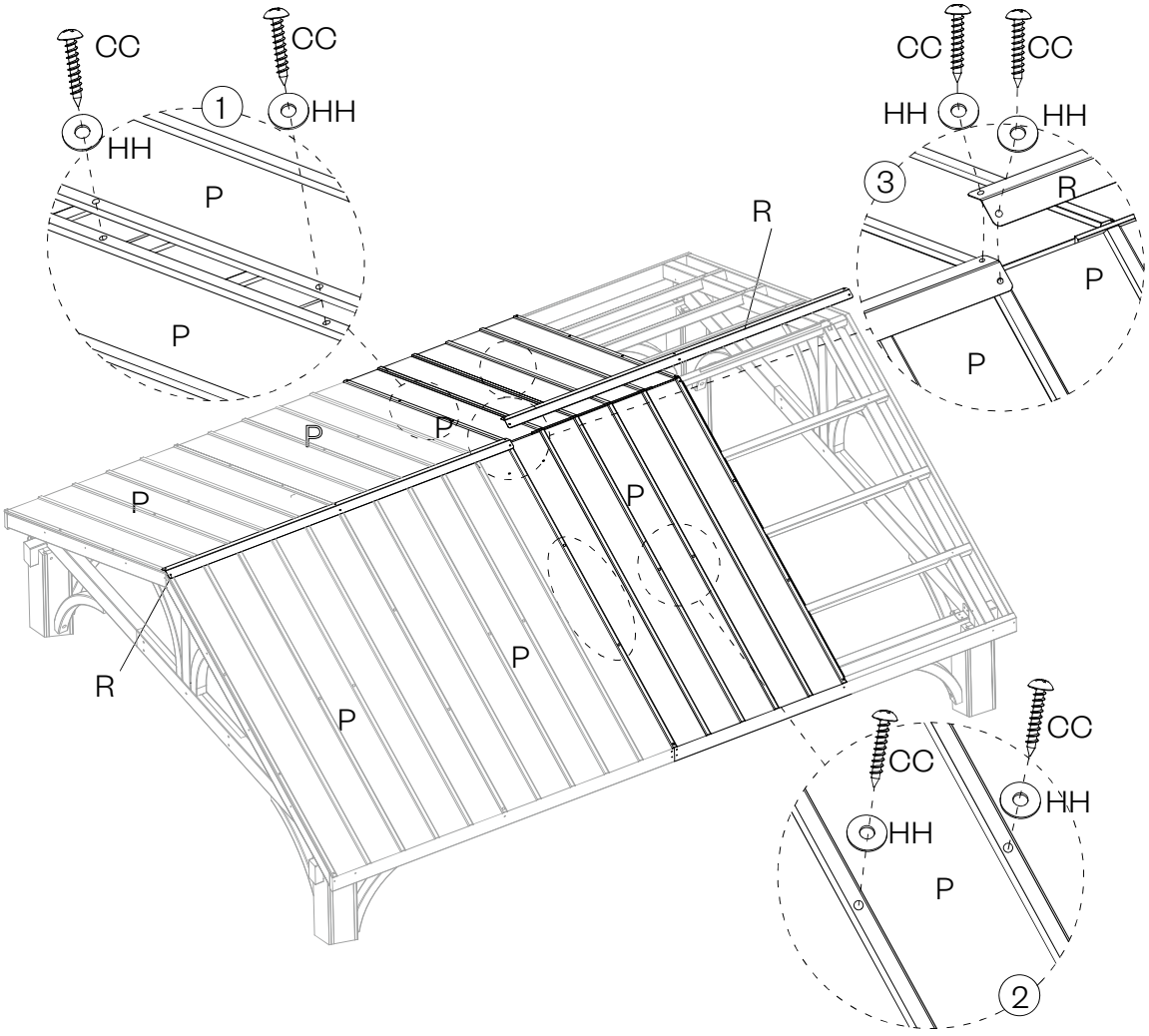


Step 18: Roof Panel and Roof Cap

Place the third roof panel (P) and overlap the first roof panel (P). Secure the roof panels by using self tapping screws (CC) & plastic washers (HH) as shown in fig. 1 and fig. 2. Repeat same procedure to insert the fourth roof panel (P) for opposite side.

Secure the roof cap (R) on ridge and overlap the edges of roof panels (P) by using self tapping screws (CC) & plastic washers (HH) as shown in fig. 3.

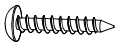
P		x 2	CC		x 10
R		x 1	HH		x 10

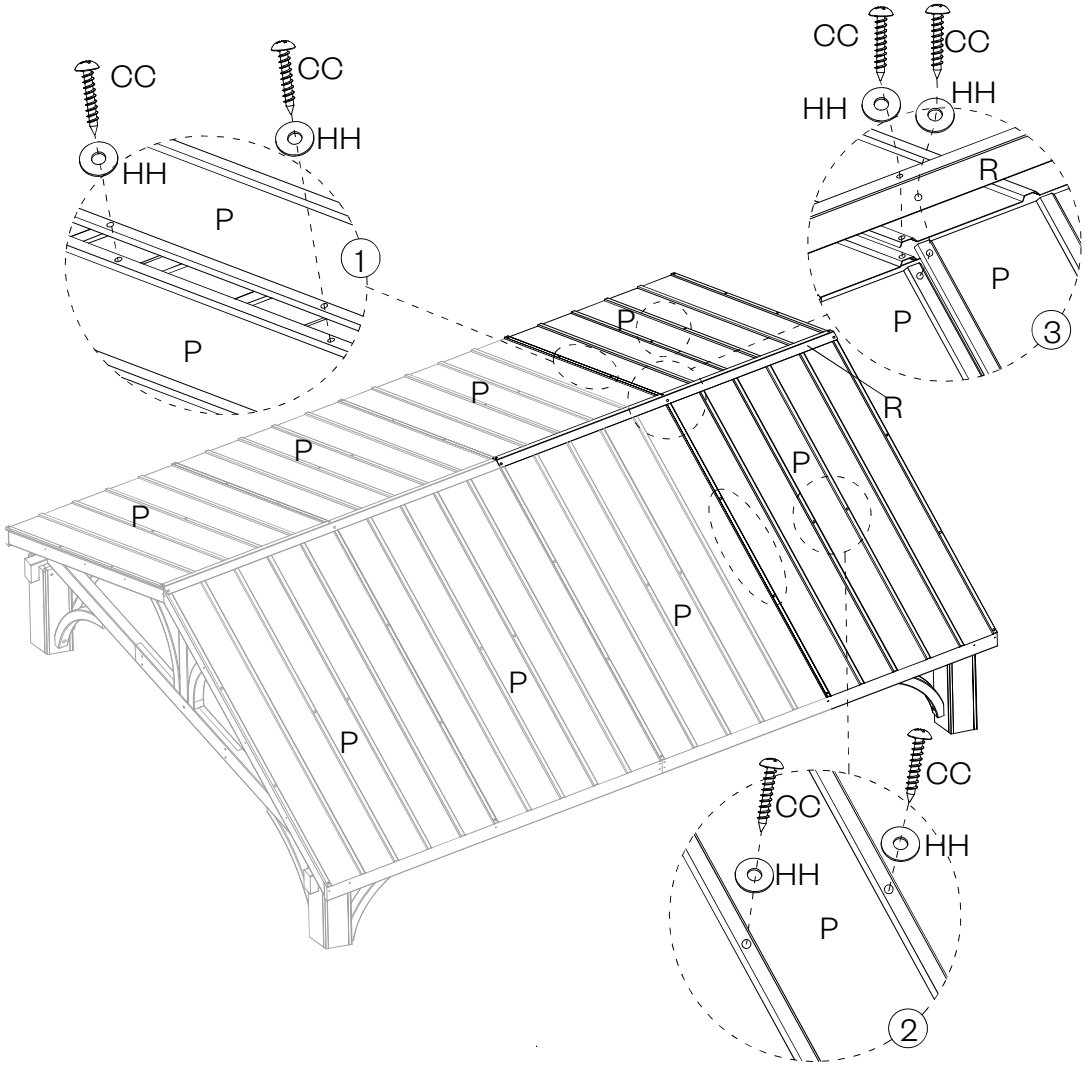


Step 19 : Roof Panel and Roof Cap

Same as Step 18, Place the fifth roof panel (P) and overlap the third roof panel (P). Secure the roof panels by using self tapping screws (CC) & plastic washers (HH) as shown in fig. 1 and fig. 2.
Repeat same procedure to insert the sixth roof panel (P) for opposite side.
Secure the roof cap (R) on ridge and overlap the edges of roof panels (P) by using self tapping screws (CC) & plastic washers (HH) as shown in fig. 3.

P		x 2

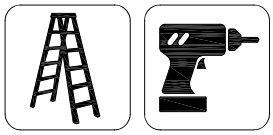
CC		x 10
HH		x 10



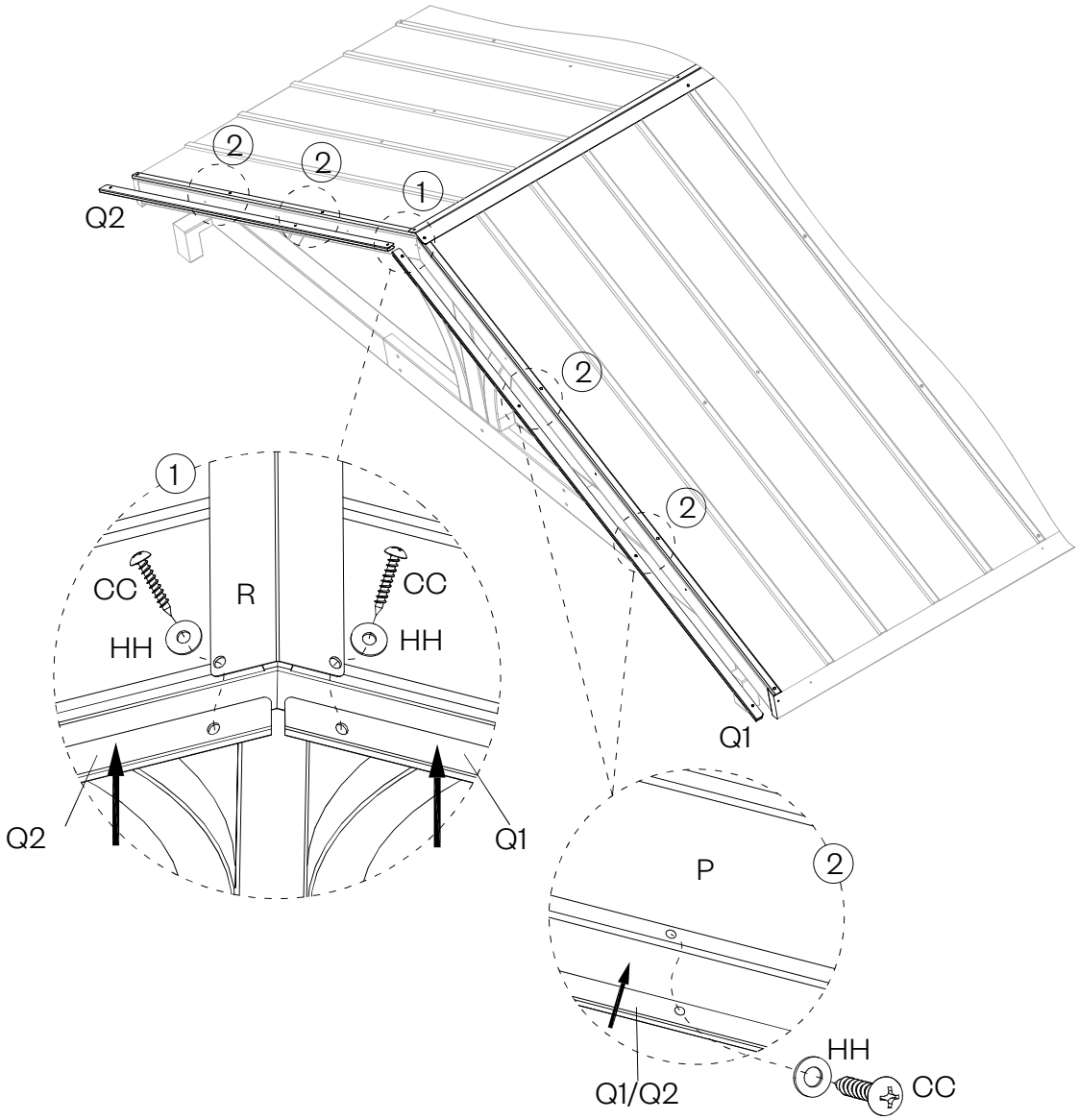
Step 20: Roof Panel

Lay down the seventh roof panel (P) under the roof cap (R) and overlap the fifth roof panel (P). Secure the roof panel by using self tapping screws (CC) & plastic washers (HH) as shown in fig. 1, fig. 2 and fig. 3.

Repeat same procedure for opposite side to insert the eighth roof panel (P) for opposite side.



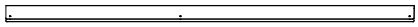
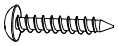
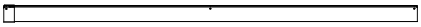
Q1		x 2	CC		x 12
Q2		x 2	HH		x 12

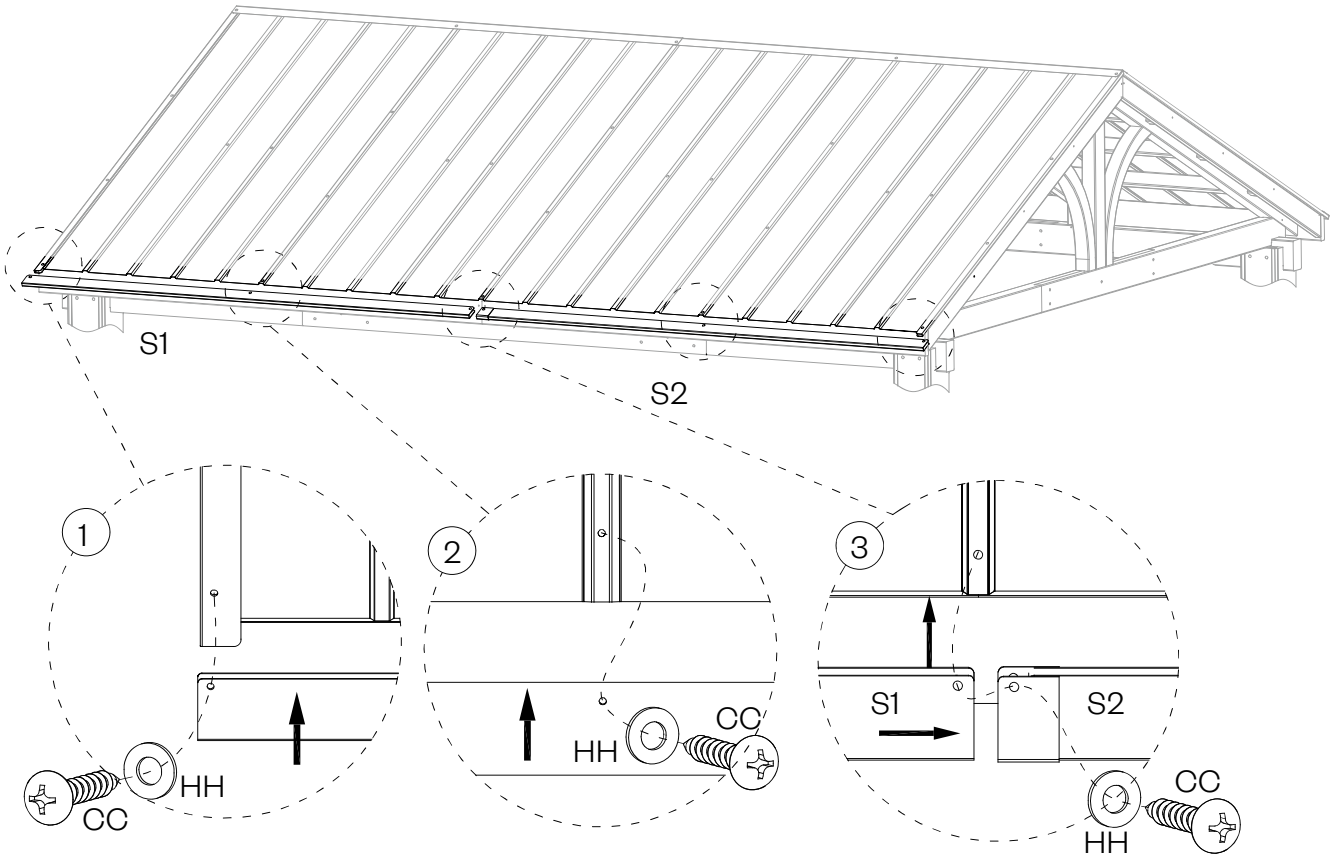


Step 21: Roof Panel Cap

Insert roof panel cap (Q1) and roof panel cap (Q2) to cover the edges of roof panels (P) and under roof cap (R) , secure by using self tapping screws (CC) and plastic washers (HH)as shown in fig. 1 and fig.2.

Repeat same procedure for opposite side.

S1		x 2	CC		x 10
S2		x 2	HH		x 10

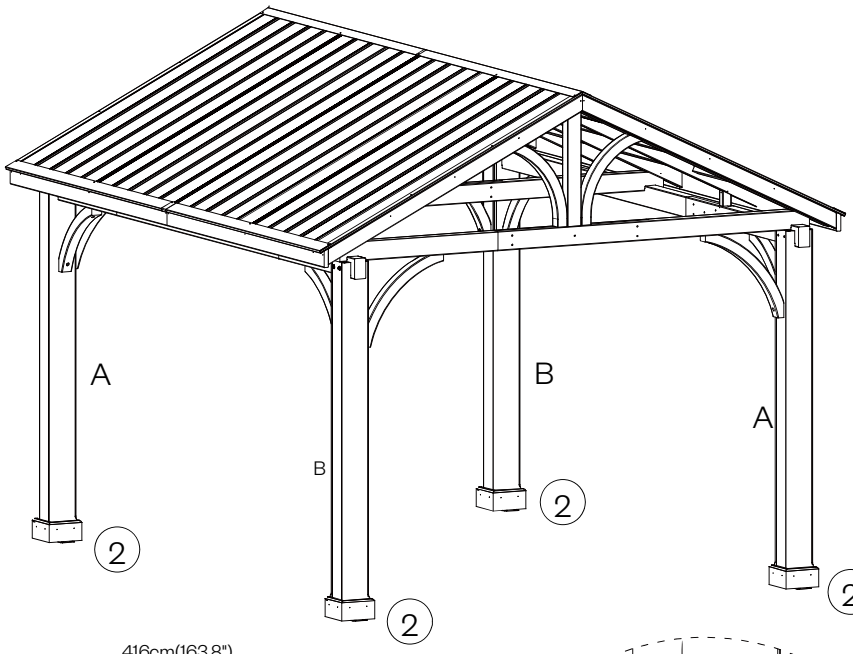


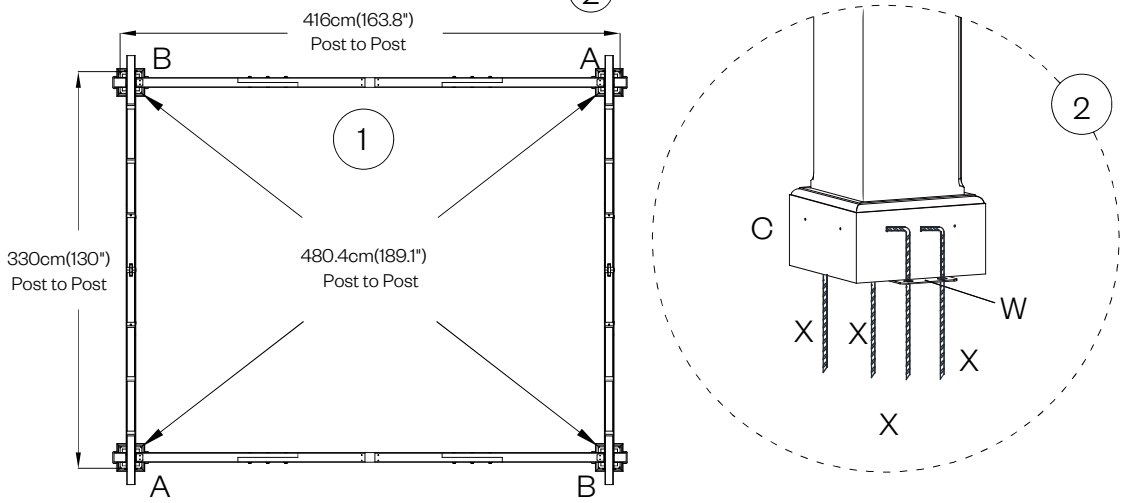
Step 22: Roof Panel Profile

Insert roof panel profile (S1) and roof panel profile (S2) to cover the edges of roof panel caps (Q1/Q2) and roof panels (P), secure by using self tapping screws (CC) and plastic washers (HH) as shown in fig. 1 , fig.2 and fig.3.

Repeat same procedure for opposite side

X  x 16





Step 23: Stake

Make sure each corner is square and level. Accurate and make sure the diagonal between posts (A-A) are equal to the diagonal between posts (B-B) as shown in fig. 1. Secure stakes (X) through base flange (W) into ground as shown in fig. 2.

Note: The ground stakes provided is for temporary use, an appropriate anchors or anchoring system is required for permanent structure.