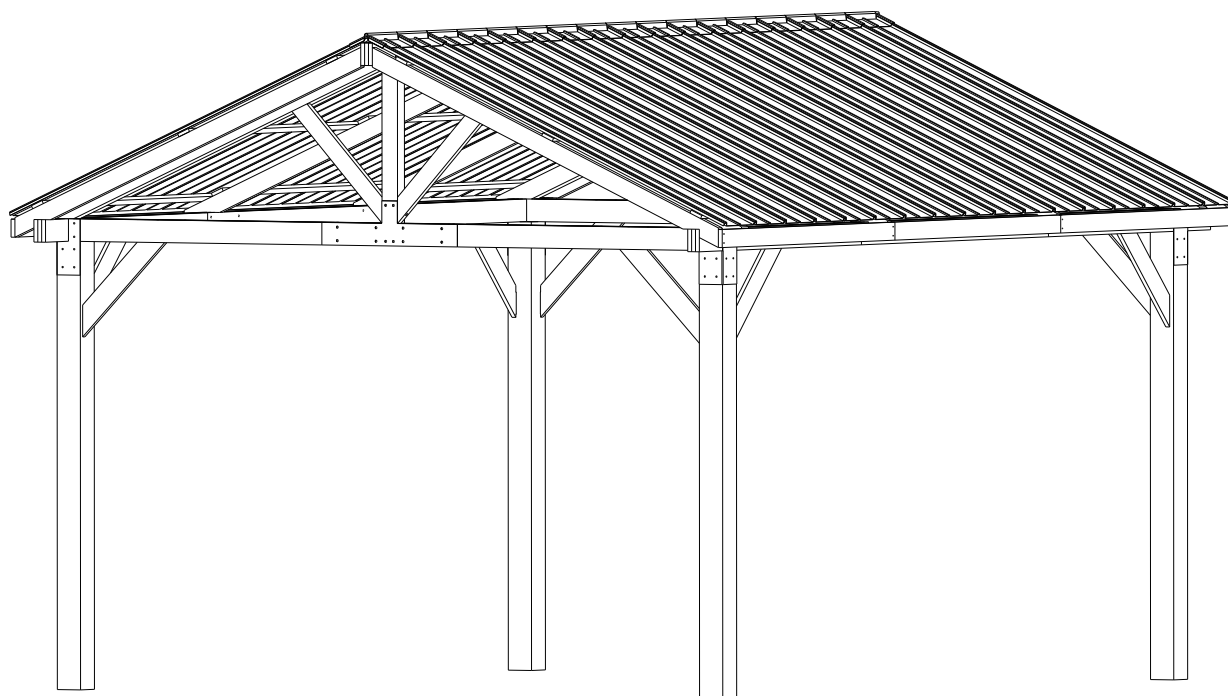


ASSEMBLY MANUAL

WOOD GAZEBO 14' X 12'

100% PINE WOOD



KEEP THIS MANUAL FOR FUTURE REFERENCE



IMPORTANT NOTE

READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

BEFORE ASSEMBLY, YOU NEED TO KNOW :

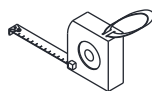
- Inventory all parts listed on Part Identification page inside this manual. Contact our Customer Service Team if any parts are missing or damaged.
- You will need additional tools to complete your wood gazebo. See inside this manual for required and optional materials and quantities.
- To ensure proper assembly you must build your gazebo on a level surface.
- Keep all children and pets away from assembly area.
- Do not assemble the product in days of wind or rain.
- Wear gloves to avoid injury from possible sharp edges of individual elements before assembly.
- During installation, follow all safety warnings provided with your tools and use OSHA approved safety glasses.
- 2-4 people is required to install safely.
- To avoid damages to the product its parts and surroundings, use the proper tools. The use of a ladder(s) is required.

AFTER ASSEMBLY, YOU NEED TO KNOW :

- Check for sharp edges or protruding screw threads, add washers if required.
- 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.
- The outdoor gazebo is designed primarily to extend the outdoor use of your home. If you wish to suspend products to the structure, ensure that the total weight of articles does not exceed 330 pounds. Suspend nothing from the structure in case of strong winds.
- Wood is not flame retardant and has the potential of burning. Do not place any type of heat source on/under the structure or within 5 ft of the unit including, but not limited to, a barbecue, chiminea or fire pits.
- Wood components are manufactured with Pine Wood which is protected with factory applied water-based stain. As your pavilion acclimates to its new environment, natural characteristics of the wood can show in the form of checks (cracks) and weathering in the lumber. This is normal and it will not affect the structural integrity of your structure and is not covered under warranty.
- Annual application of water-based water-repellent sealant or stain is important and will help reduce weathering and checks.

ASSEMBLY GUIDES

TOOLS RECOMMENDED



Tape Measure



Carpenters Level



Drill / Driver



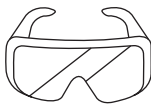
Wrench



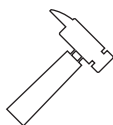
8' Step Ladder



Safety Gloves



Safety Glasses

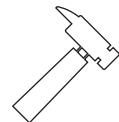


Hard Hat

Tool Belt



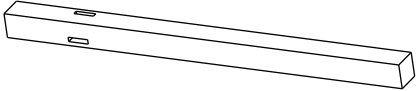
Square




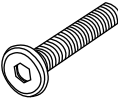




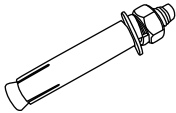

Ratchet

Parts List

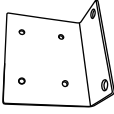
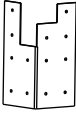
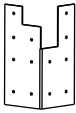
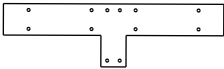
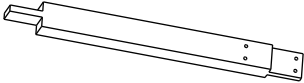

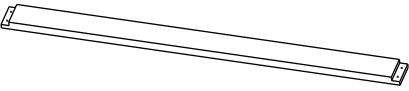

Box A



STAMP ID	QTY REQ	DESCRIPTION	IMAGE
A	4PCS	POST	



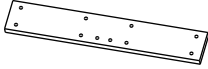

Box B





STAMP ID	QTY REQ	DESCRIPTION	IMAGE
1	48PCS	CLAW NUT BLK (M6)	
2	48PCS	HEX SOCKET SCREW BLK (M6*65)	
3	48PCS	WASHER FLAT BLK (M6)	
4	44PCS	SCREW PFH BLK (M4*70)	
5	108PCS	SCREW PFH BLK (M4*50)	
6	36PCS	SCREW PFH BLK (M4*35)	
7	16PCS	EXPANSION BOLT	
8	180PCS	SCREW PWH BLK & RUBBER (M4*35)	



Box B



STAMP ID	QTY REQ	DESCRIPTION	IMAGE
11	8PCS	POST ANCHORING PLATE	
12	2PCS	POST-BEAM BRACKET	
13	2PCS	POST-BEAM BRACKET	
14	2PCS	BEAM-SUPPORT BRACKET	
B	2PCS	ROOF SUPPORT	
D1	4PCS	ROOF JOIST PART I	
D2	2PCS	ROOF JOIST PART II	
E	18PCS	PURLIN	

Box C			
STAMP ID	QTY REQ	DESCRIPTION	IMAGE
F	4PCS	LONG RAFTER	
G	8PCS	SHORT RAFTER	

Box D			
STAMP ID	QTY REQ	DESCRIPTION	IMAGE
H2	3PCS	LONG BEAM PART II	
H3	3PCS	LONG BEAM PART III	
C1	4PCS	SHORT BEAM PART I	
C2	4PCS	SHORT BEAM PART II	

Box E			
STAMP ID	QTY REQ	DESCRIPTION	IMAGE
I	2PCS	LONG BEAM ROOF PART	
H1	4PCS	LONG BEAM PART I	
J	4PCS	CORBEL SUPPORT	
K	8PCS	CORBEL	

Box F			
STAMP ID	QTY REQ	DESCRIPTION	IMAGE
L	20PCS	ROOF PANEL	
M	10PCS	RIDGE CAP	

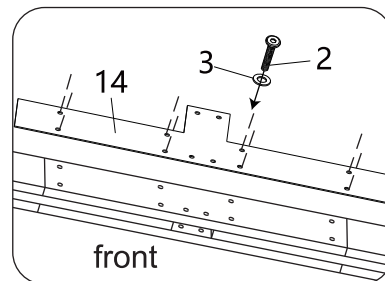
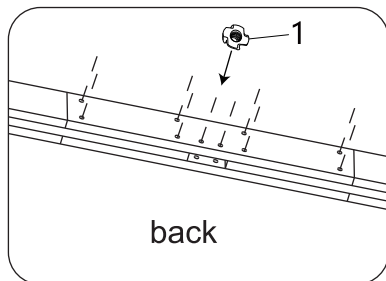
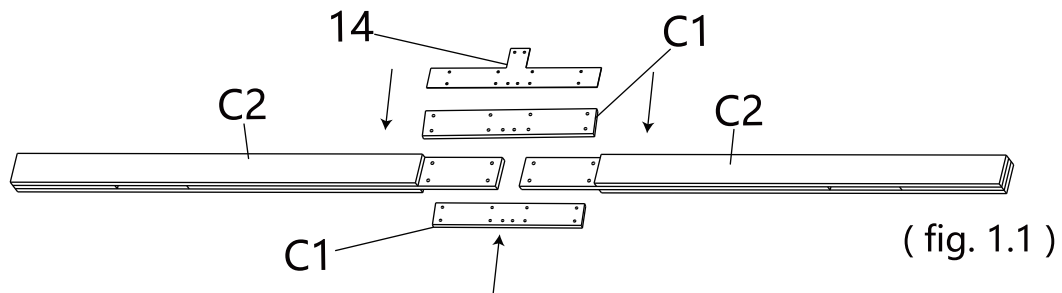
Box G			
STAMP ID	QTY REQ	DESCRIPTION	IMAGE
L	14PCS	ROOF PANEL	
M	7PCS	RIDGE CAP	

ASSEMBLY INSTRUCTION

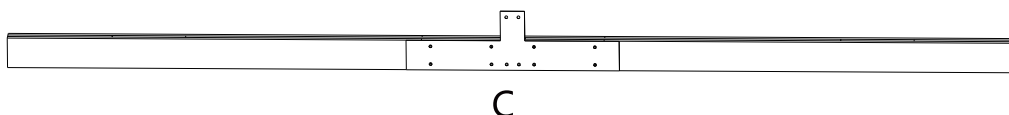
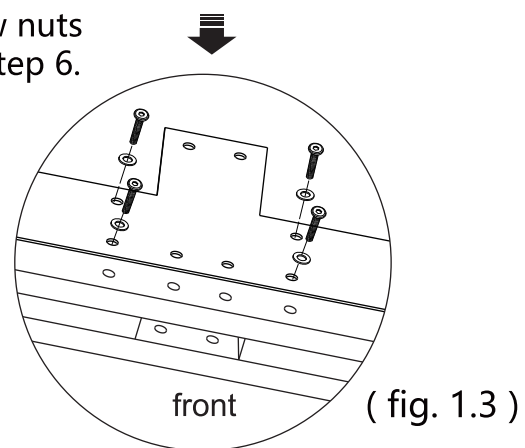
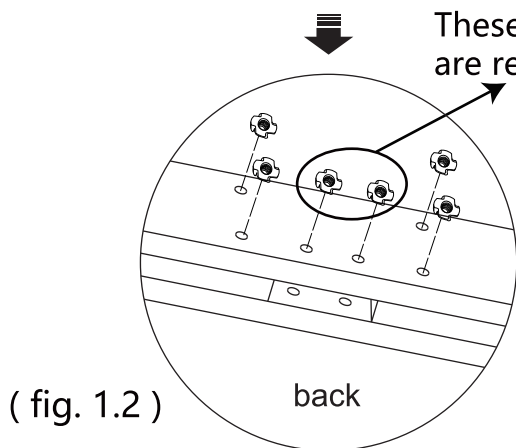
STEP 1: SHORT BEAM ASSEMBLY

1*20
2*16
3*16
14*2
C1*4
C2*4

- (fig. 1.1) Align two pieces of C2, and pad two piece of C1 on front and back of the middle part. Then pad a support bracket #14 in front of C1.
- (fig. 1.2) Drive ten claw nuts #1 into the back as fig. shown. There are two claw nuts ready for step 6.
- (fig. 1.3) Rotate eight screws #2 into the front with eight washer plates #3 as fig. shown.
- Repeat this operation twice to assemble two short beams C.



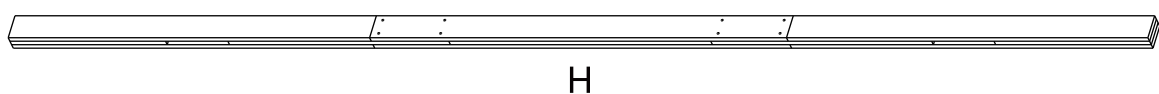
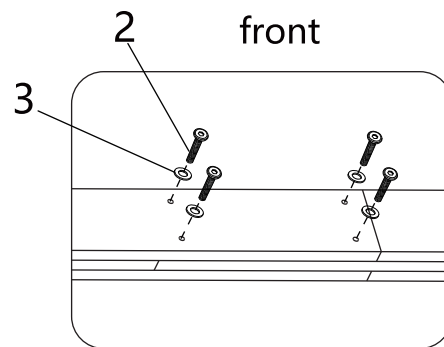
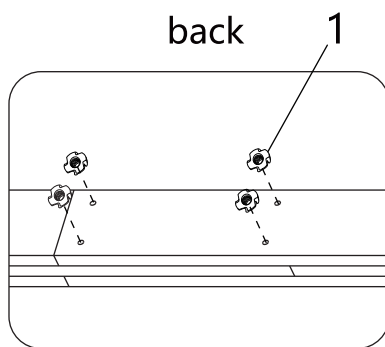
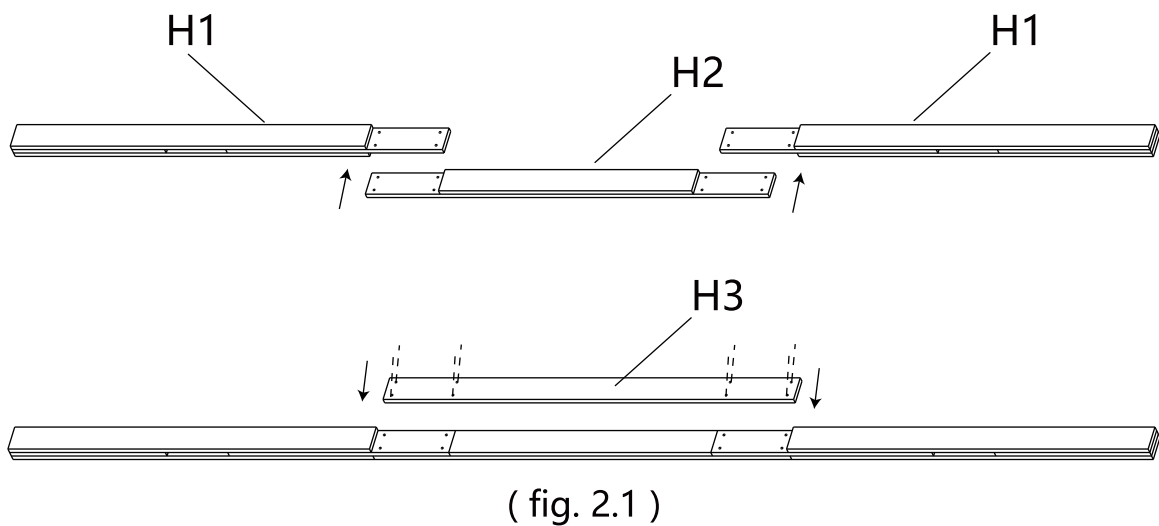
These two claw nuts
are ready for step 6.



STEP 2: LONG BEAM ASSEMBLY

1*16
2*16
3*16
H1*4
H2*2
H3*2

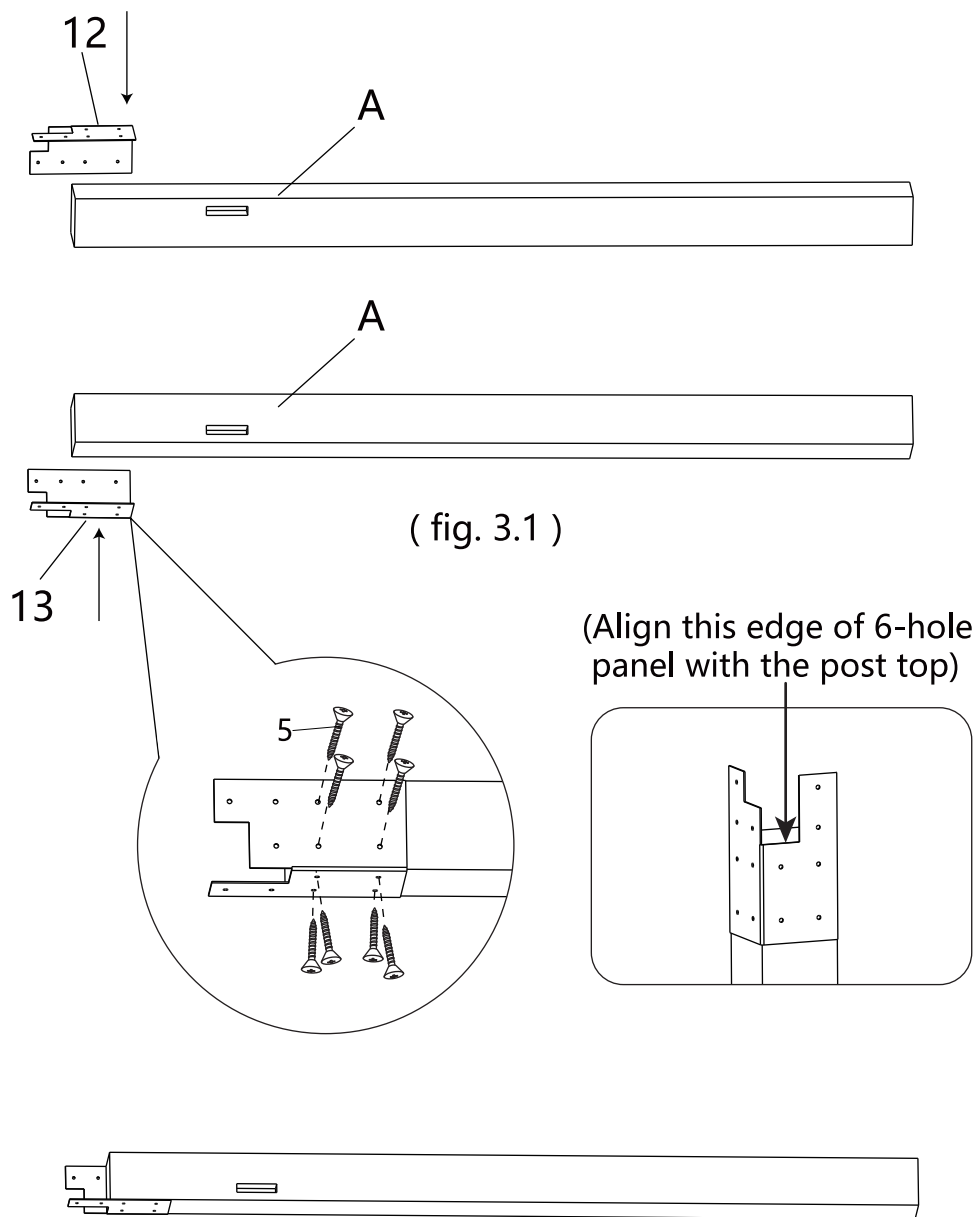
- (fig. 2.1) Align two pieces of H1, and in the middle part, pad a piece of H2 on back and a piece of H3 on front.
- (fig. 2.2) Drive eight claw nuts #1 into the back as fig. shown.
- (fig. 2.3) Rotate matched eight screws #2 into the front with eight washer plates #3.
- Repeat this operation twice to assemble two long beams H.



STEP 3: POST BRACKET ASSEMBLY II

5*32
12*2
13*2
A*4

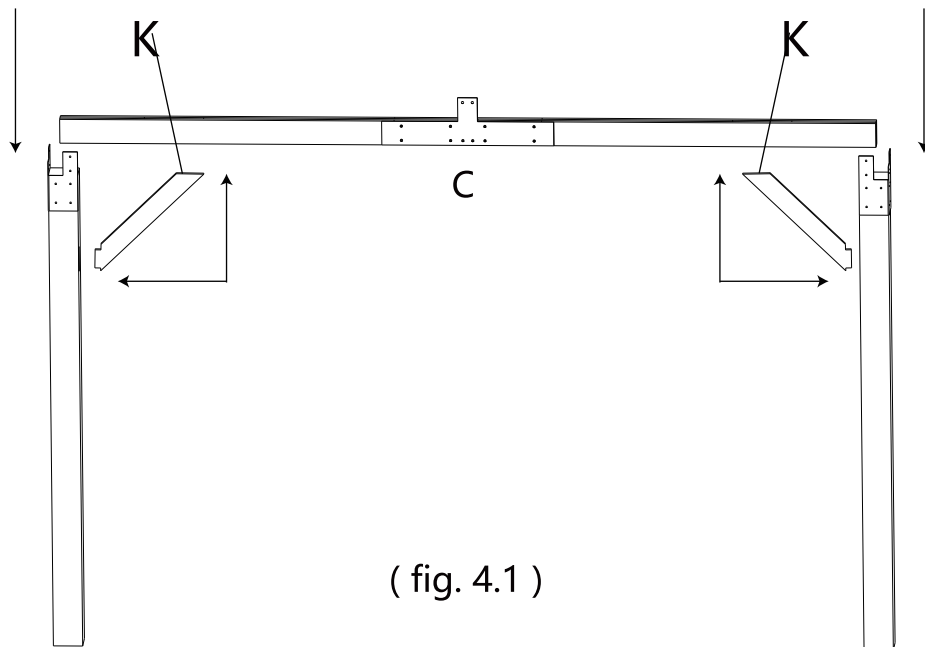
- (fig. 3.1) Fit a bracket to two sides of a post (the sides without corbel holes), and fix it with eight screws #5 as fig shown. Repeat this operation to connect brackets with four posts.
- Note: Do not distinguish between bracket #12 and #13 in this step. Focus on the alignment of the 6-hole panel to the post top.



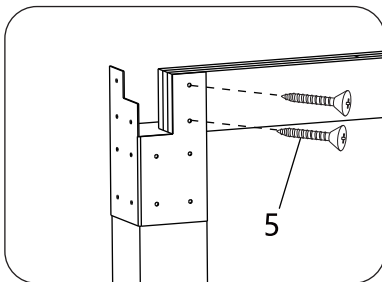
STEP 4: BASIC FRAME ASSEMBLY I

4*4
5*12
K*4

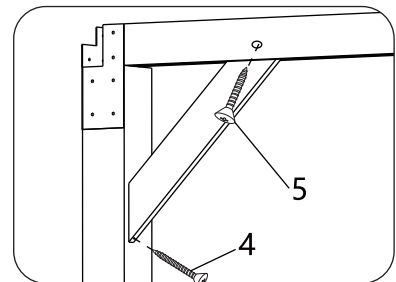
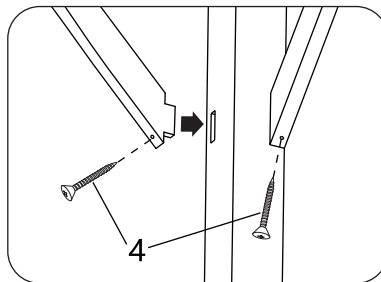
- (fig. 4.1) Erect one post with bracket #12 and another with #13, and let 6-hole panel of two brackets towards front. Lay an assembled short beam C on these two posts.
- (fig. 4.2) Connect each post and each end of an assembled short beam C with two screws #5 as fig. shown.
- (fig. 4.3) On each upper corner of frame, fix post and short beam C with a corbel K, one screw #4 and one #5, as fig. shown.
- Repeat operation to assemble two post frames.



(fig. 4.1)



(fig. 4.2)

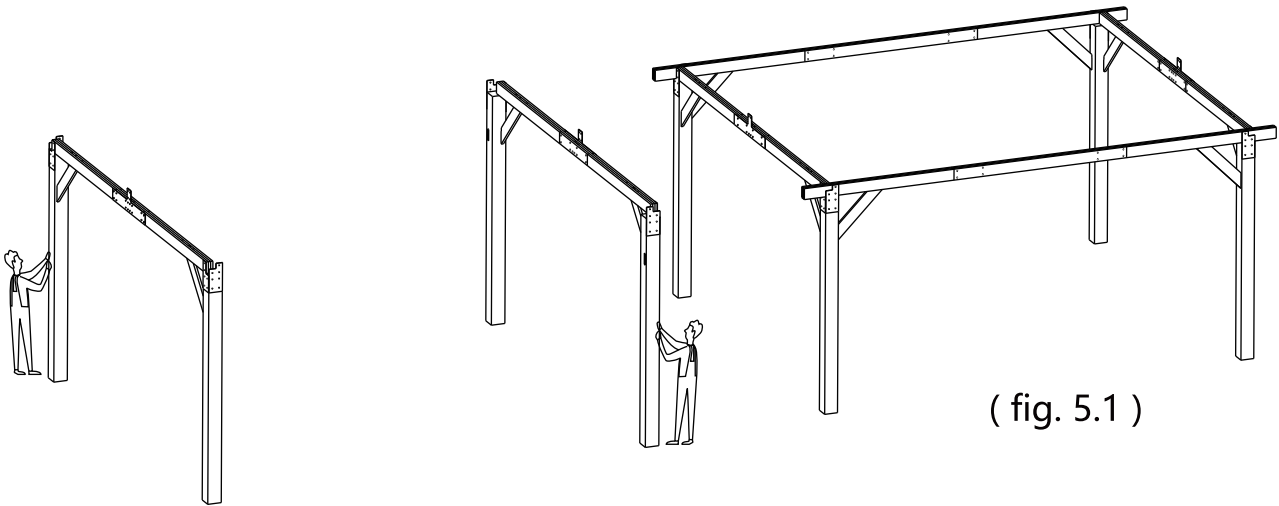


(fig. 4.3)

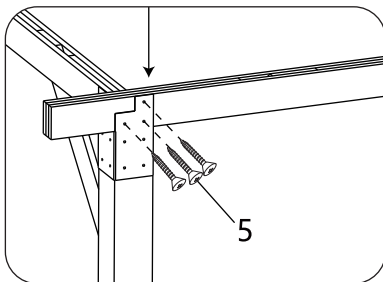
STEP 5: BASIC FRAME ASSEMBLY II

4*4
5*12
K*4

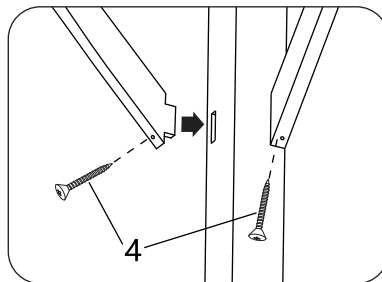
- (fig. 5.1) Align two assembled post frames. Lay two assembled long beams H across each side of post frames. Two ends of long beam H are both beyond posts' location 7.8 inch.
- (fig. 5.2) Connect post frames and long beams H with three screws #5 on each side as fig. shown.
- (fig. 5.3) Similar to step 4.3, fix each connection(of post and long beam) with a corbel K, one screw #4 and one #5, as fig. shown.



(fig. 5.1)



(fig. 5.2)

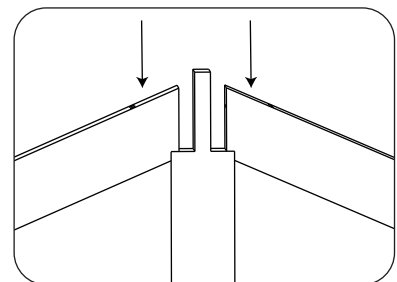
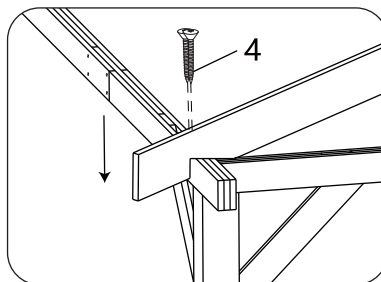
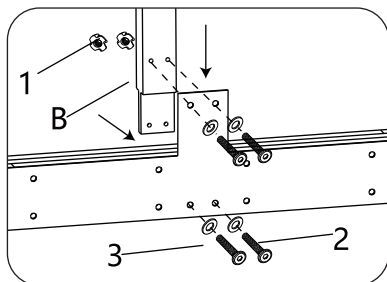
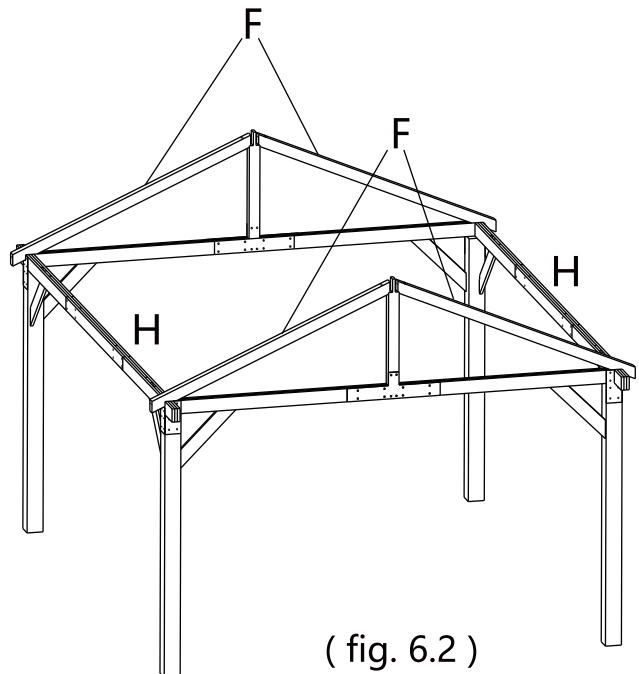
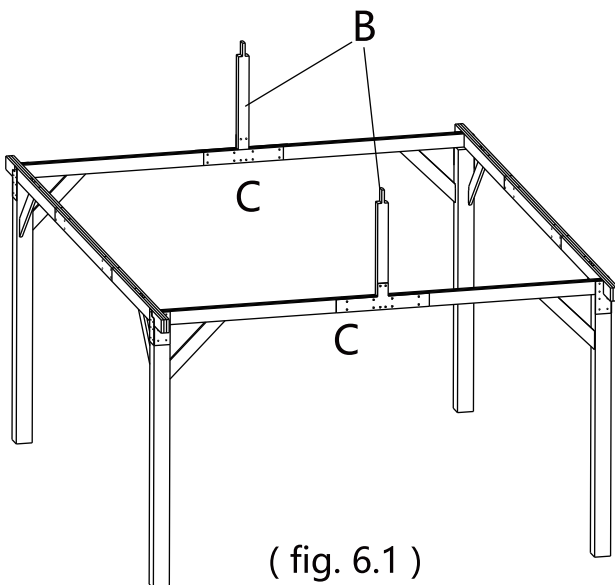


(fig. 5.3)

STEP 6: ROOF SUPPORT INSTALLATION

1*4
2*8
3*8
4*8
B*2
F*4

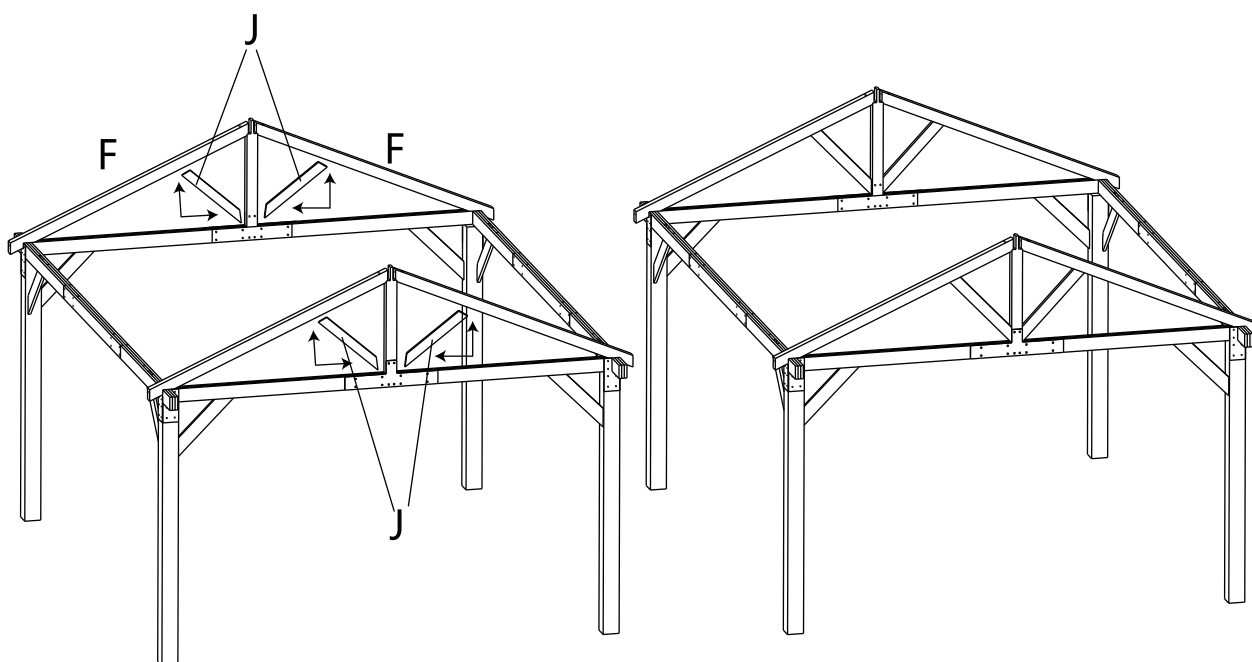
- (fig. 6.1) On bracket #14, connect roof support B and short beam C with two claw nuts #1, four screws #2 and four washer flats #3. Repeat above operation twice to install two roof supports B.
- (fig. 6.2) Lay an long rafter F across the top of B and long beam H. Fix it to long beam H with two screws #4, as fig, shown. Repeat operation to install four long rafters F.



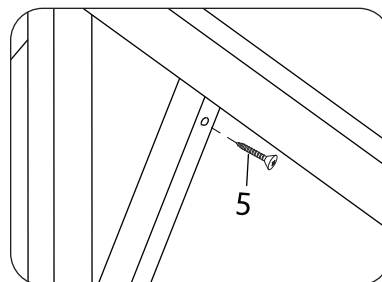
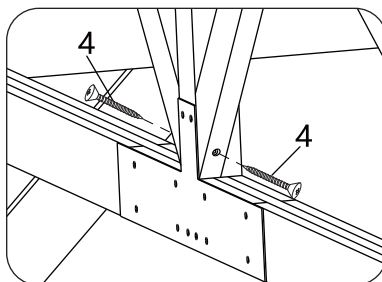
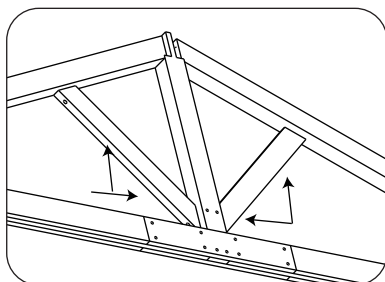
STEP 7: CORBEL SUPPORT INSTALLATION

4*4
5*4
J*4

- (fig. 7.1) Fix a corbel support J to roof support B (with a screw #4) and to an long rafter F (with a screw #5), as fig. shown. Repeat above operation to install four corbel supports J.



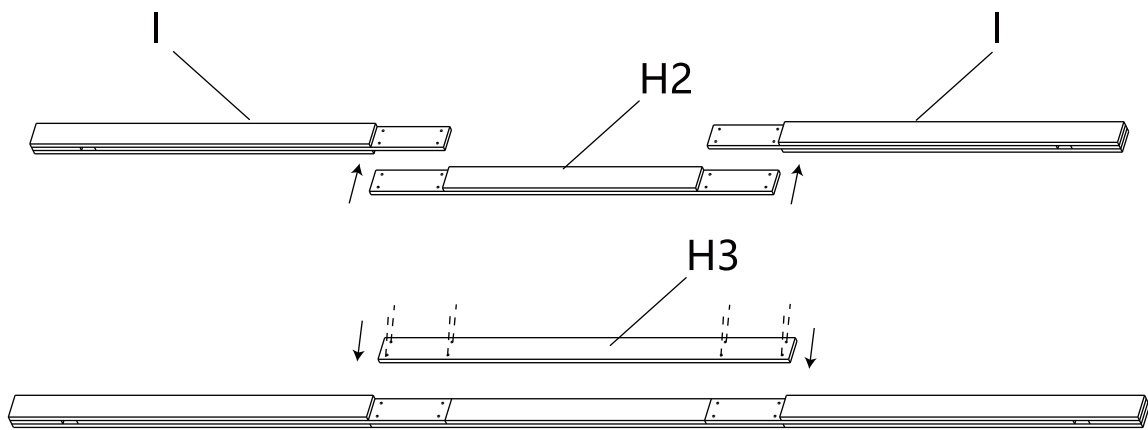
(fig. 7.1)



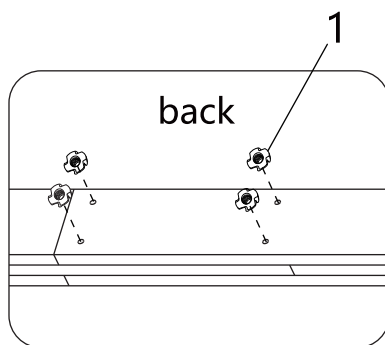
STEP 8: ROOF BEAM ASSEMBLY

1*8
2*8
3*8
I*2
H2*1
H3*1

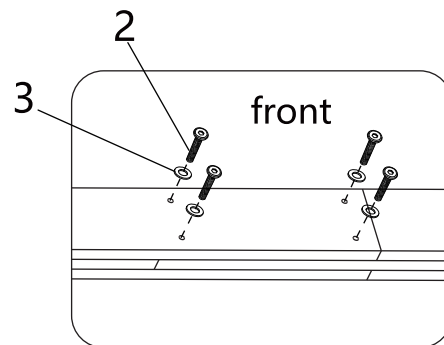
- (fig. 8.1) Align two pieces of I, and in the middle part, pad a piece of H2 on back and a piece of H3 on front.
- (fig. 8.2) Drive eight claw nuts #1 into the back as fig shown.
- (fig. 8.3) Rotate matched eight screws #2 into the front with eight washer plates #3.



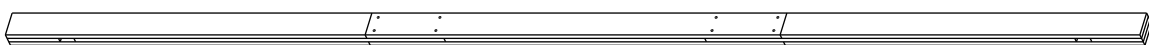
(fig. 8.1)



(fig. 8.2)



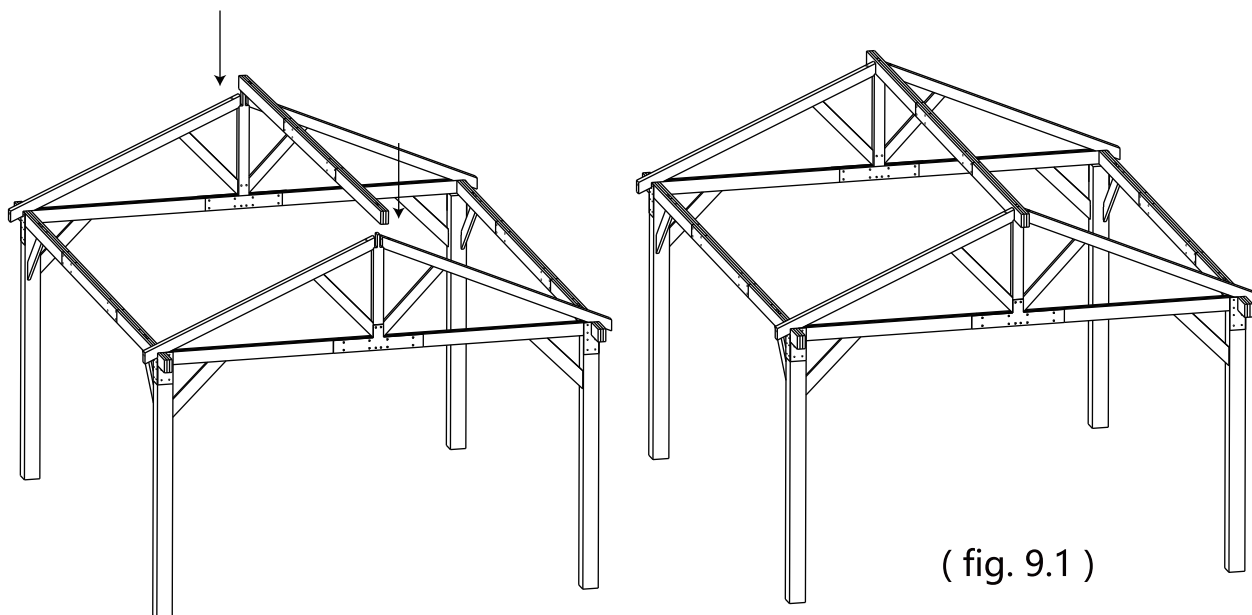
(fig. 8.3)



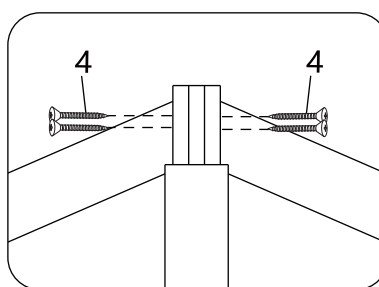
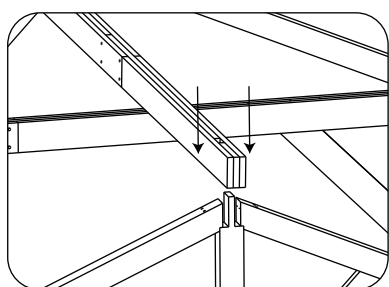
STEP 9: ROOF BEAM INSTALLATION

4*8

- (fig. 9.1) Lay the roof beam across the top of roof support B, and fix each end of beam with four screw #4, as fig. shown.



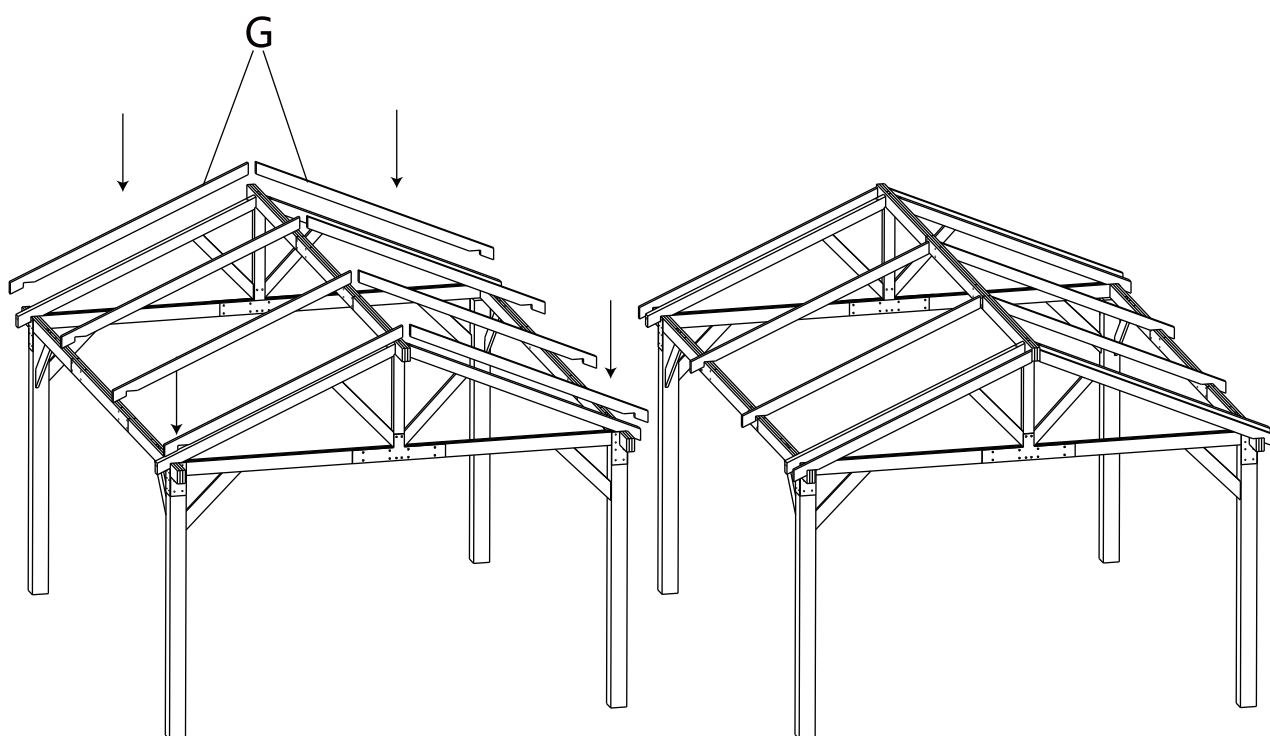
(fig. 9.1)



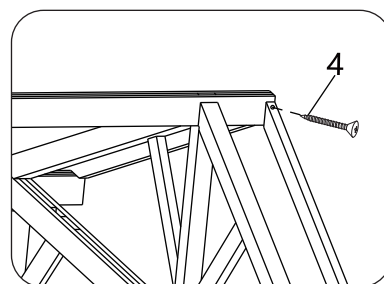
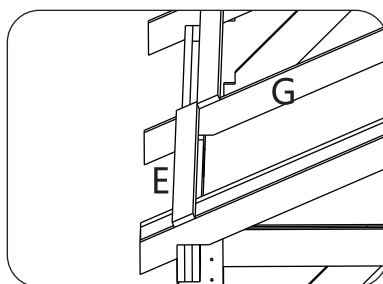
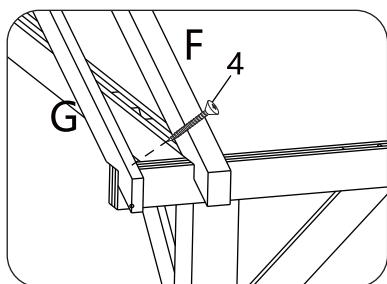
STEP 10: SHORT RAFTER INSTALLATION

4*16
G*8

- (fig. 10.1) On each side of roof, lay four short rafters G side by side across roof beam and long beam. Fix each end of short rafter G with one screw #4. Repeat operation to finish installation of eight short rafters G.
- Note: The space between short rafters G should be the same, which is also the same as the length of purlins E. The short rafters G in the sides should be outside the long rafters F.



(fig. 10.1)

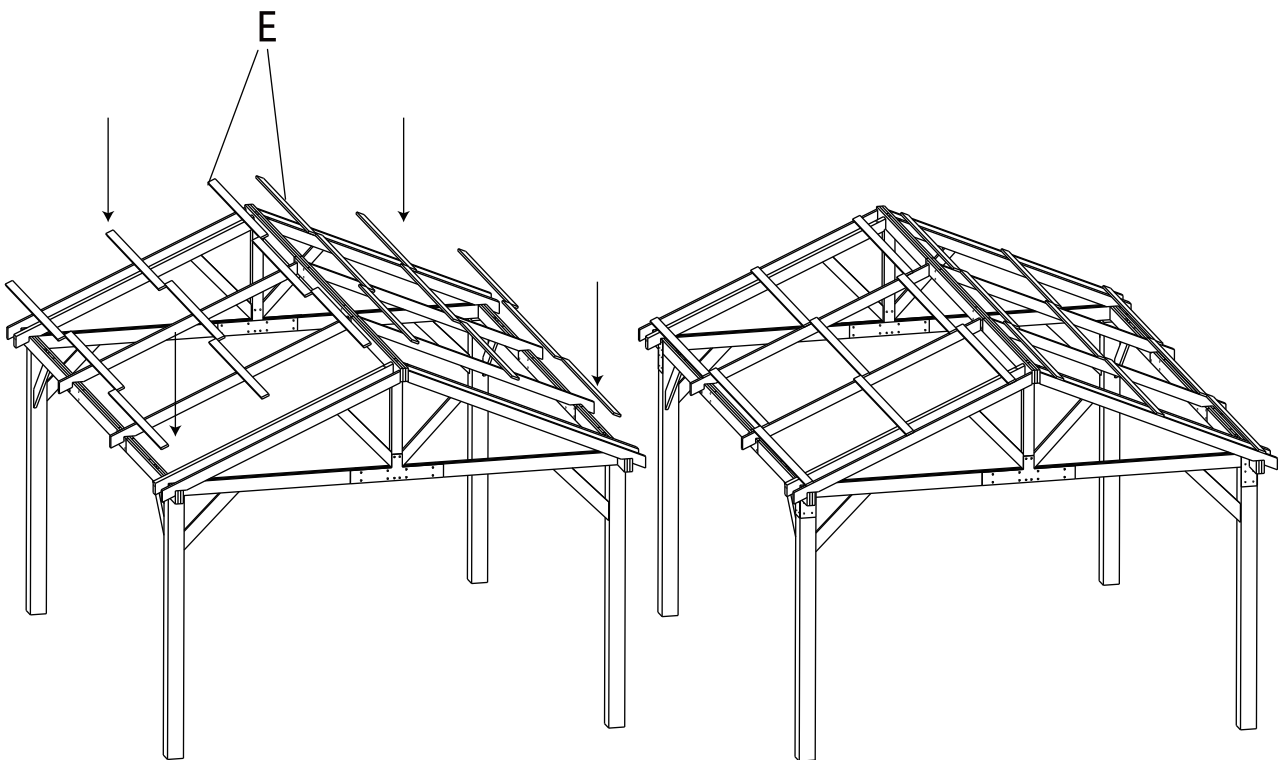


STEP 11: PURLIN INSTALLATION

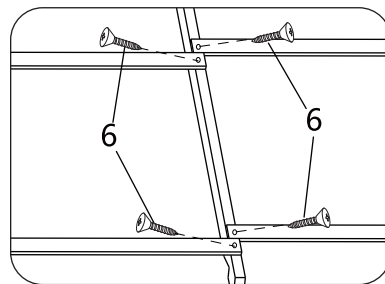
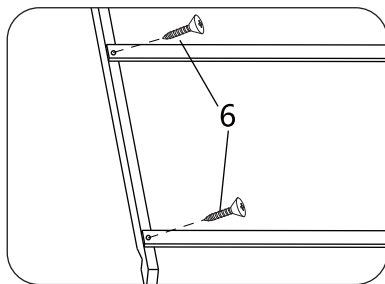
6*36

E*18

- (fig. 11.1) On each side of roof, lay nine purlins E side by side across short rafters G as fig. shown, and fix each end of purlins E with one screw #6. Repeat operation to finish installation of eighteen purlins E.
- Note: The arrangement of purlins E needs to be staggered and relatively homogeneous.



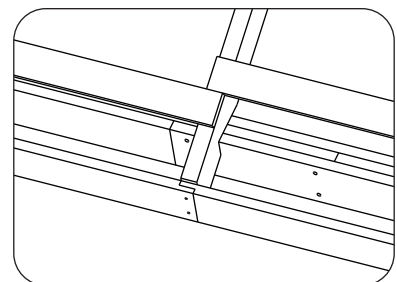
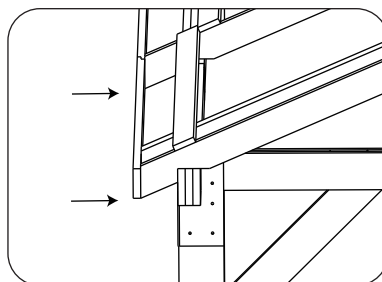
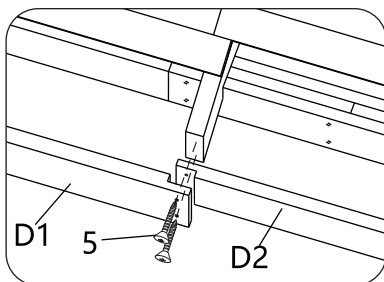
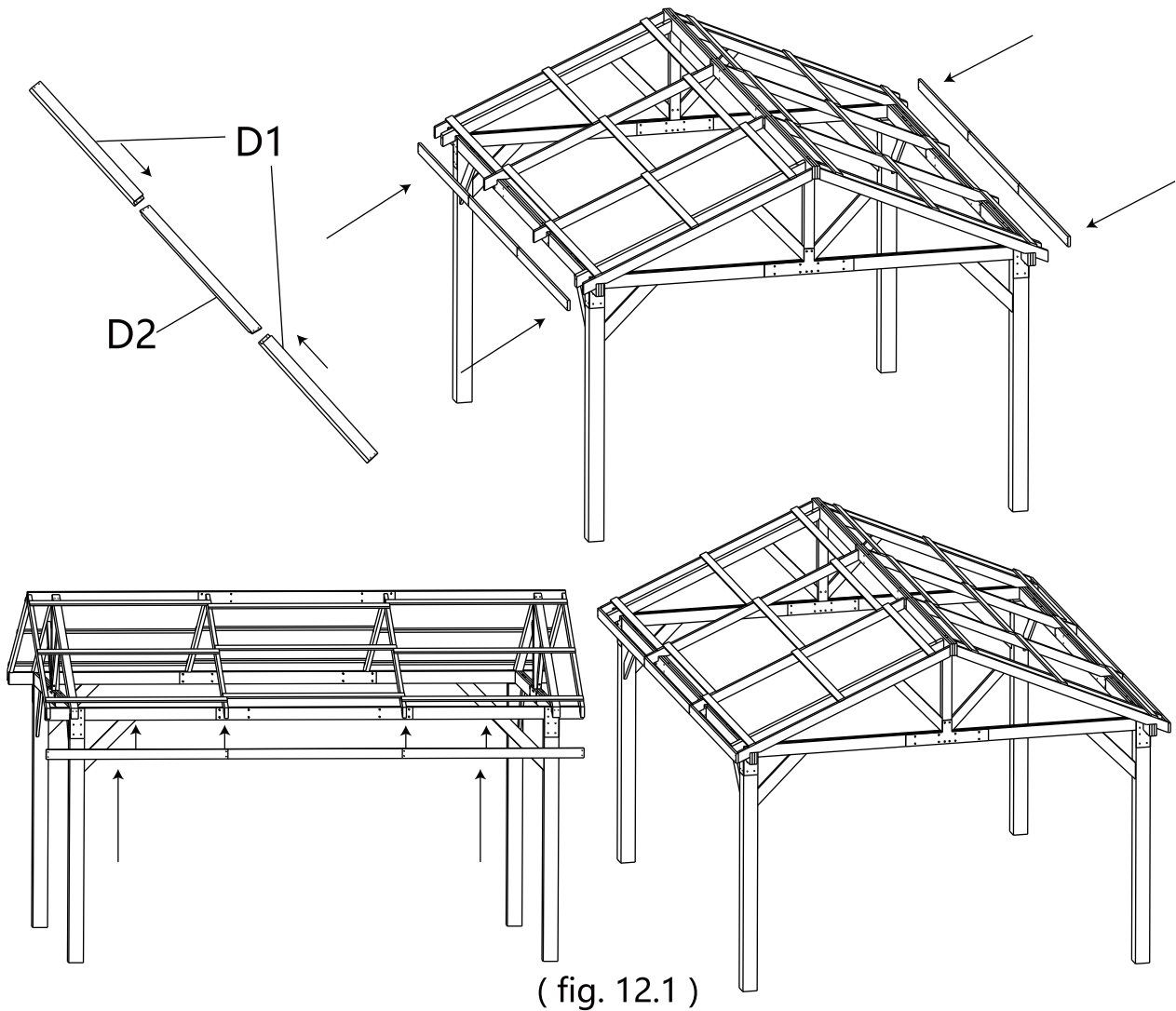
(fig. 11.1)



STEP 12: ROOF JOIST ASSEMBLY

5*16
D1*4
D2*2

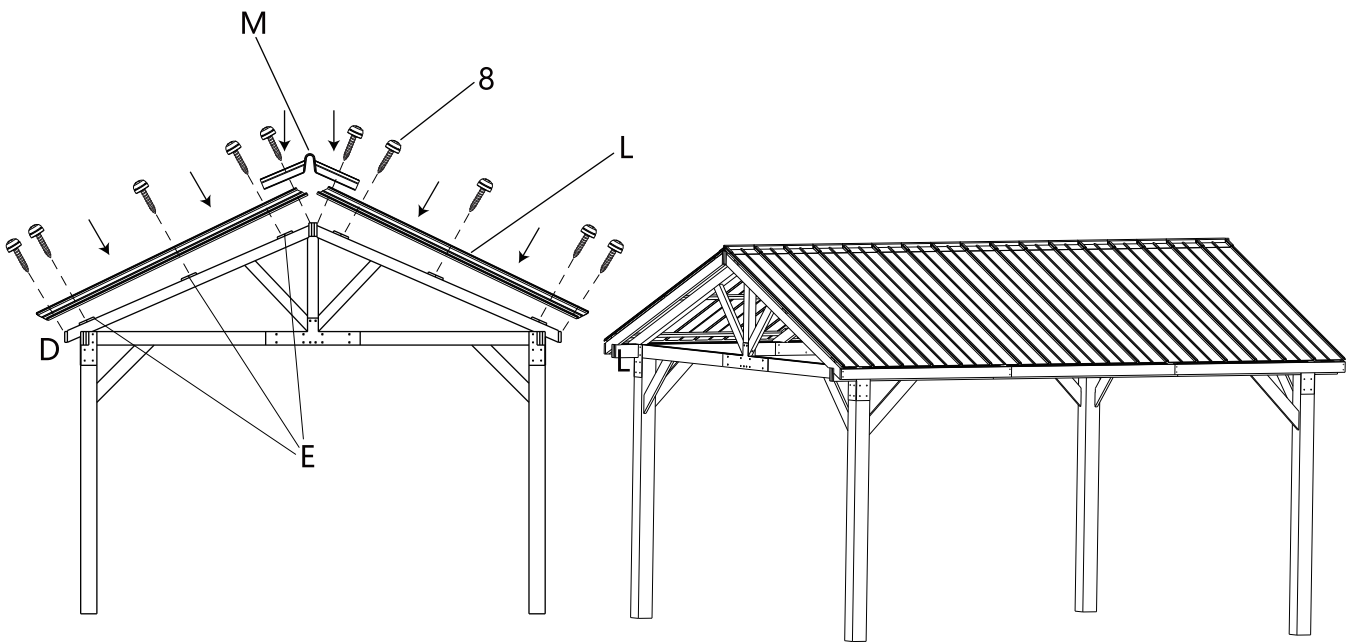
- (fig. 12.1) Align two pieces of D1 and a piece of D2 (in the middle part), as fig. show. Stick them to the trail end of short rafters G. Rotate two screw #5 into each connection of D and G. Repeat operation to stick all Ds to the trail end of short rafters G.



STEP 13: ROOF PANEL INSTALLATION

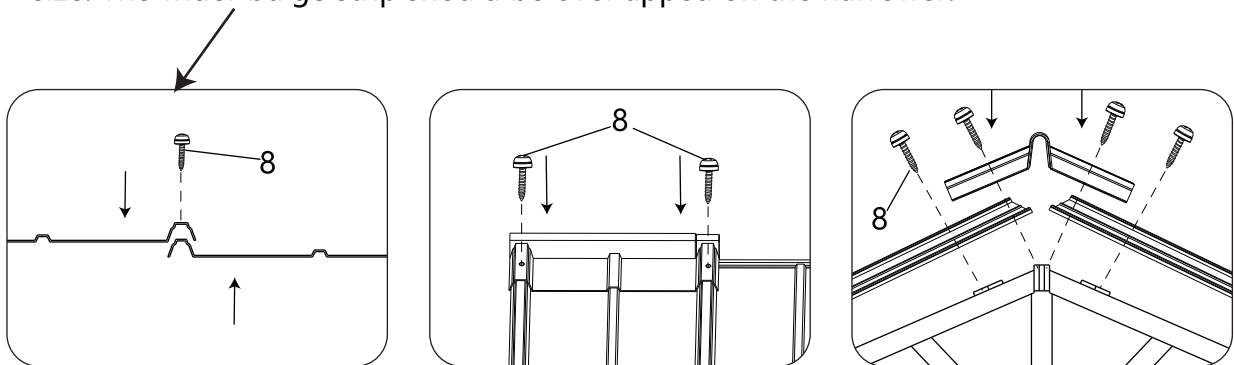
8*180
L*34
M*17

- (fig. 13.1) On each side of roof, overlap seventeen roof panels L side by side across roof beam and long beam. Then along roof beam, overlap seventeen ridge caps M side by side on roof panels. Fix them with ten screw #8 along each lapped bulge strip. The screw location is on roof joist Ds, purlins and roof beam.



(fig. 13.1)

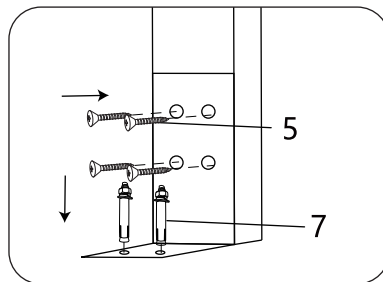
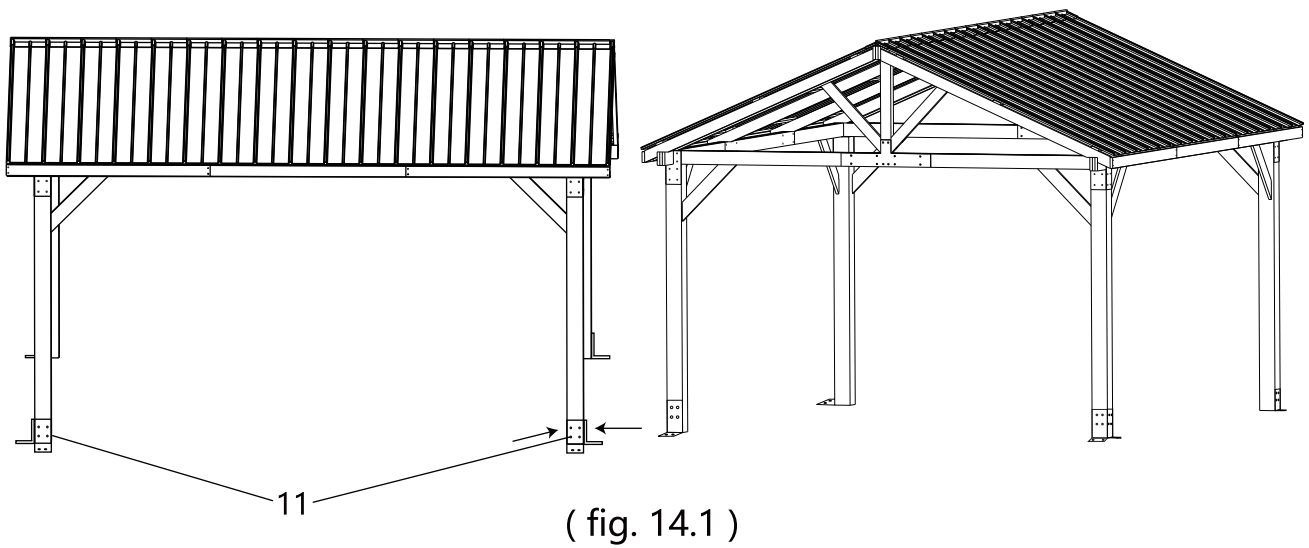
Note: The bulge strip on two sides of each roof panel are of different size. The wider bulge strip should be overlapped on the narrower.



STEP 14: POST ANCHORING

5*32
7*16
11*8

- (fig. 14.1) Stick post anchoring plates #11 to the outer two sides of posts, and fix to the ground with two expansion bolts #7 and four screws #5 for each connection. Repeat operation to anchor all four posts with eight anchoring plates.



About Our Wood

Wood Gazebo 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" x 4") 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 call 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.