



FOREVER REDWOOD

From the Forest, For the Forest since 1995

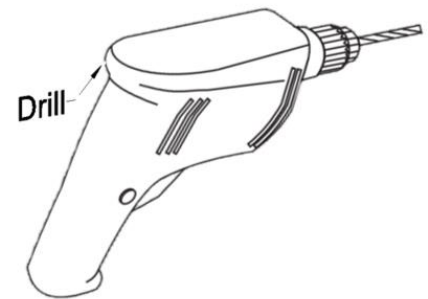
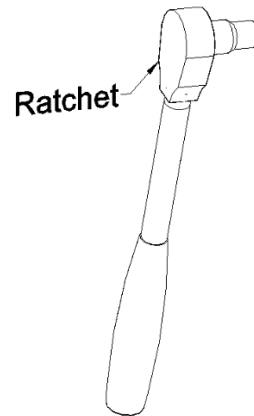
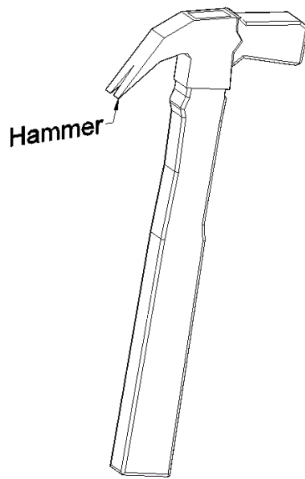
866.332.2403 (TOLL FREE) (707) 640.29.05 (Option 4) Direct Line for the Design

Department; 7am – 7pm Pacific Time, Monday-Saturday

ASSEMBLY INSTRUCTIONS FOR THE DEL RIO CATHEDRAL CEILING THICK TIMBER PAVILION

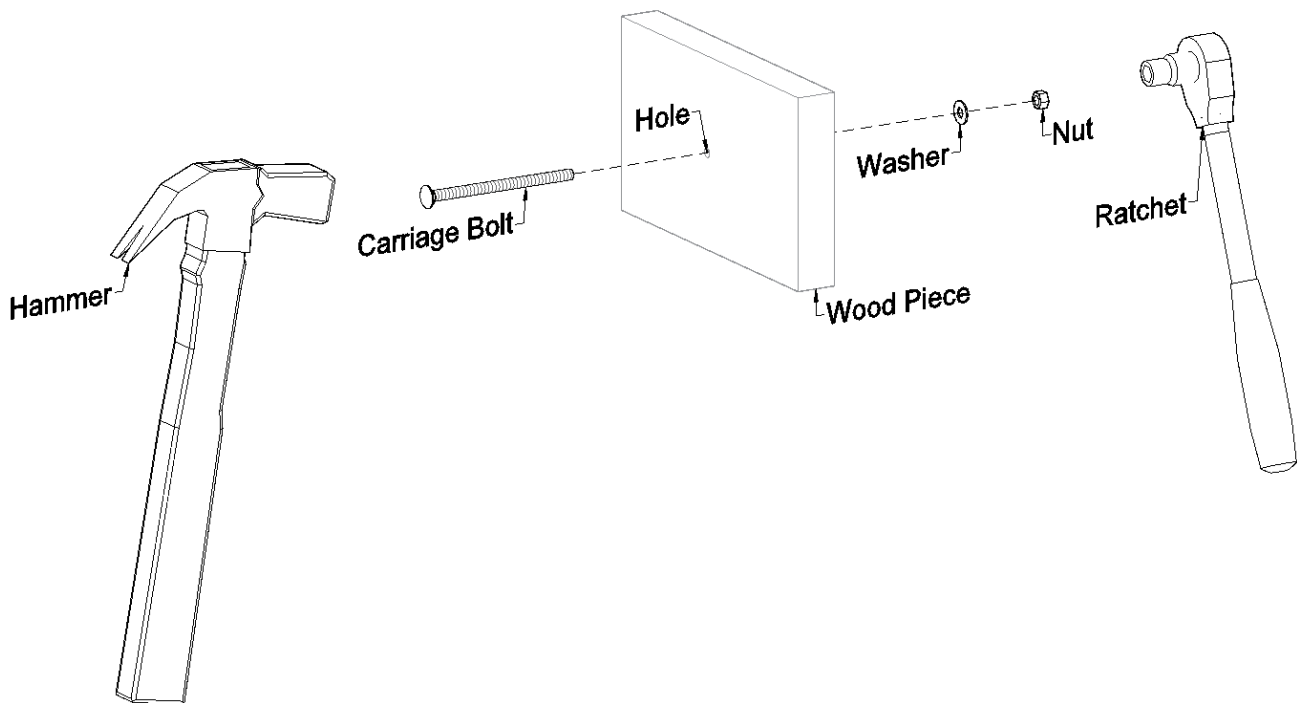


NOTE: Assembly is best done by two people. To assemble your product, you need a Hammer, a Ratch or a wrench and if required a Drill.



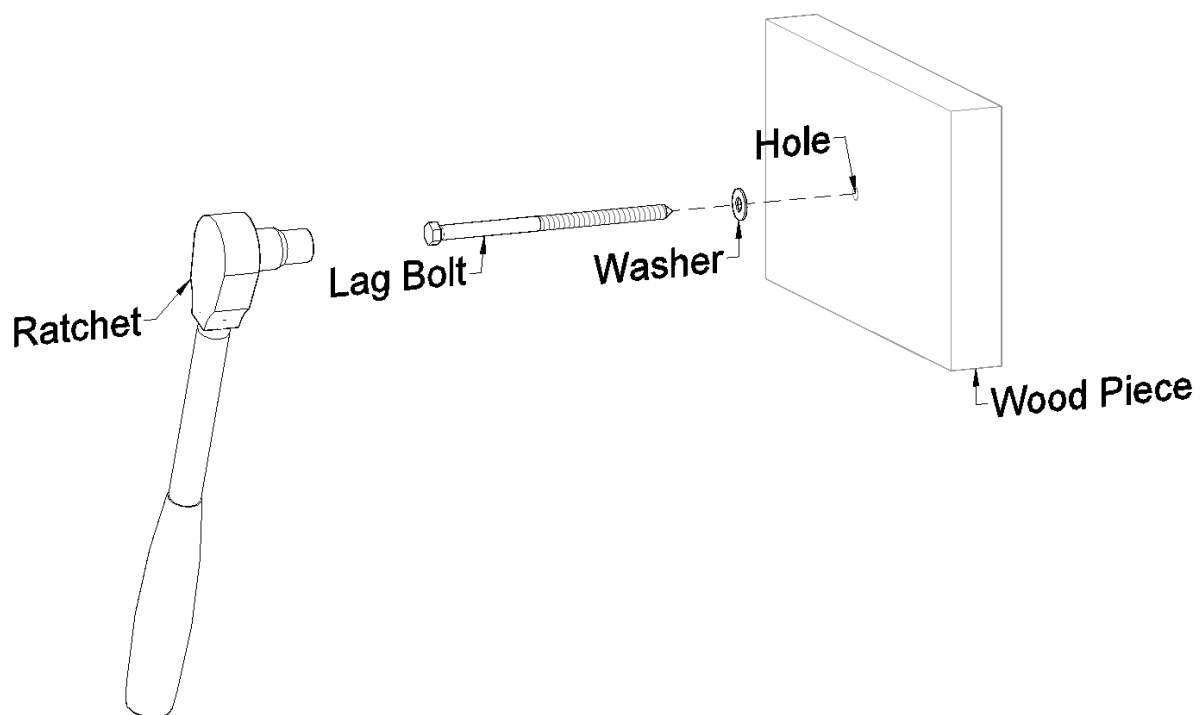
Required Tools (Are not included in your hardware packing).

PROCESS TO INSTALL THE HARDWARE PROVIDED.



To install the bolts.

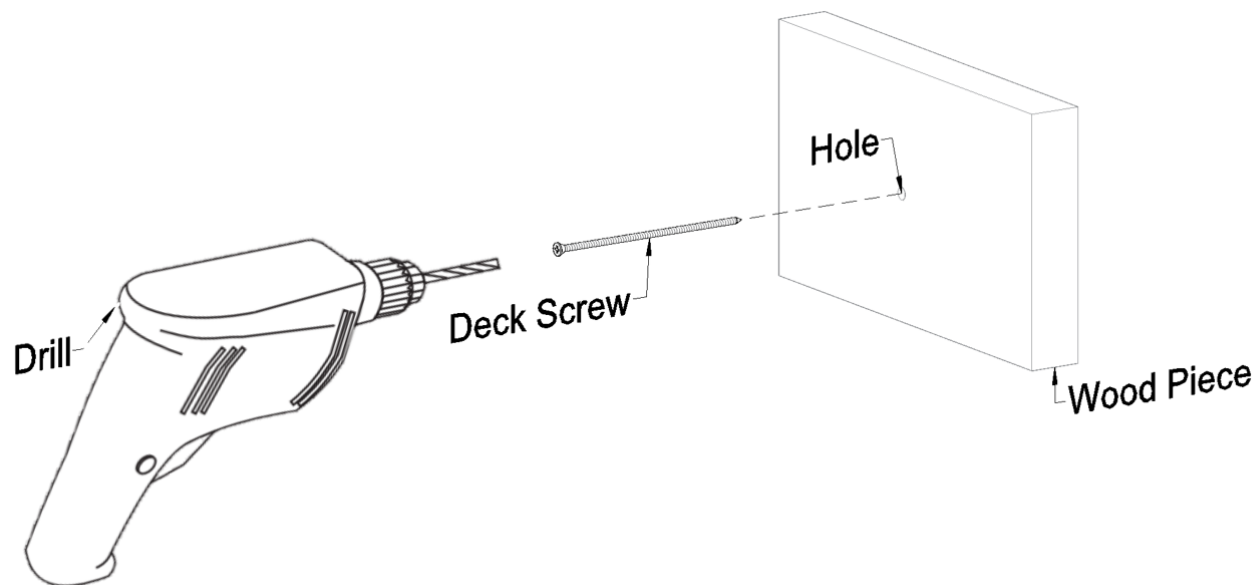
Insert the carriage bolts into the holes and lightly tap with a hammer until the square neck fit in the wood piece and the bolt head must flush with the wood piece. Finally, place the washer and the nut and carefully tighten it using a ratchet with the necessary socket or a wrench.



To install the lag bolts.

Place the washers in their lag bolts. After that, insert the lag bolts into the holes and carefully tighten it using a **ratchet** with the necessary **socket**.



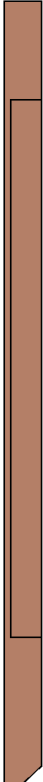
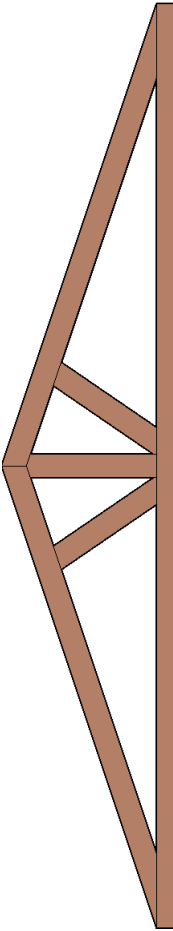


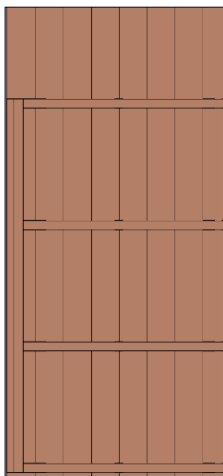







Use the washers only for the Wood Pieces.



To install the deck screws.



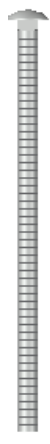


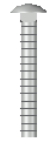
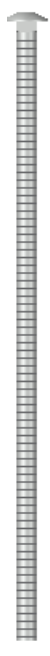
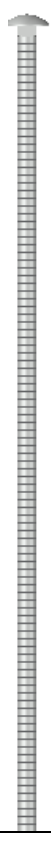
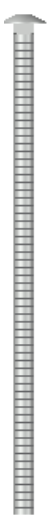
Insert the deck screws into the holes and carefully tighten it using a drill.



CONTENT OF BOXES			
Qty.	Description	Drawing	No.
4	Posts		1
2	Single Supports		2
2	Supports with In-Between Blocking		3
4	Triangles		4
4	Secondary Knee Braces		5
6	Main Knee Braces		6
12	Roof Panels		7
4	Overhang Boards		8
2	Roof Fascia's		9
2	Ceiling Fan Base		10
4	Boots		11
4	Standard Anchor Bases		12
2	Angles –A		13
2	Angles –B		14


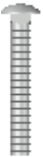




Note: Part numbers in the Content of Boxes Table are for reference only. These do not match to the numbers marked on the parts sent.

HARDWARE LIST

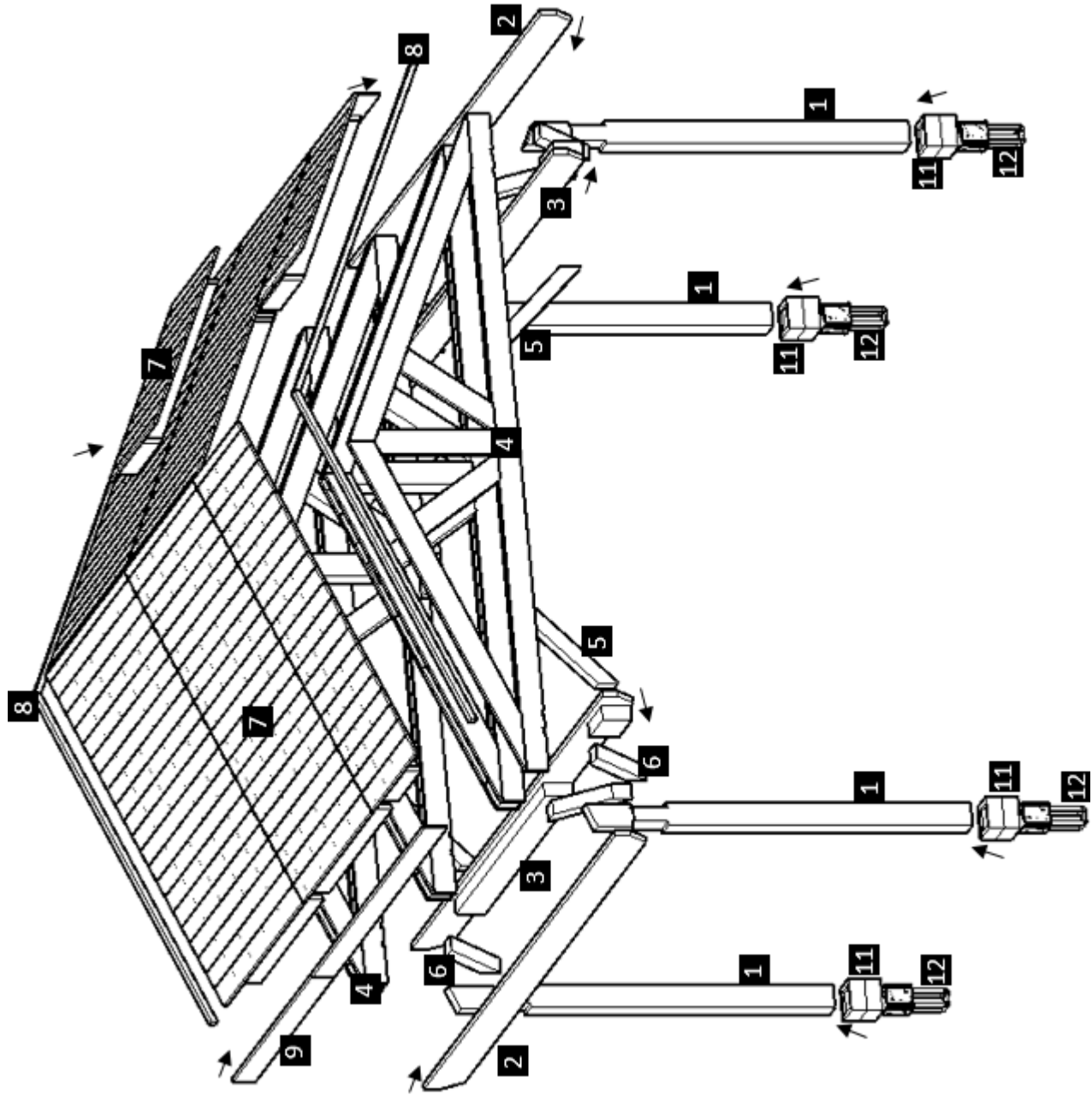
Qty.	Description	Drawing	No.
20	1/2" X 4" Anchor Bolts (To attach the anchor bases to the ground).		A
32	5/16" X 3" Lag Bolts (To attach the posts to the anchor bases)		B
48	3/8" X 7 1/2" Bolts (To attach the single supports to the posts. / To attach the single supports to the supports with in-between blocking. / To attach the triangles to the posts. / To attach the secondary knee braces to the triangles. / To attach the main knee braces to the supports)		C
60	2" Deck screws (To attach the triangles to the supports. / To attach the boots to posts. To attach the fascia board to the roof panels).		D
16	5/16" X 3 1/2" Lag Bolts (To attach the angles to the supports. / To attach the angles-B to the central triangle).		E
4	5/16" X 2 1/2" Bolts (To attach the angle-A to the single triangle).		F
6	3/8" X 11" Bolts (To attach the secondary knee braces to the posts. / To attach the main knee braces to the posts).		G
2	3/8" X 14" Bolts (To attach the main knee braces to posts).		H
8	3/8" X 9" Bolts (To attach the roof panels to the back triangle).		I

Note: Dimensions of your hardware will vary depending on size.



HARDWARE LIST		
Qty.	Description	Drawing
18	3/8" X 10 1/2" Bolts (To attach the roof panels to central triangles. To attach the ceiling fan base to the central triangle).	
8	3/8" X 3" Bolts (To attach roof panels to the single triangle).	
400	1 5/8" Deck Screws (To attach the roof panels together. / To attach the roof panels to the triangles. To Attach the overhang boards to the roof panels).	
142	Washers	
94	3/8" Nuts	
4	5/16" Nuts	



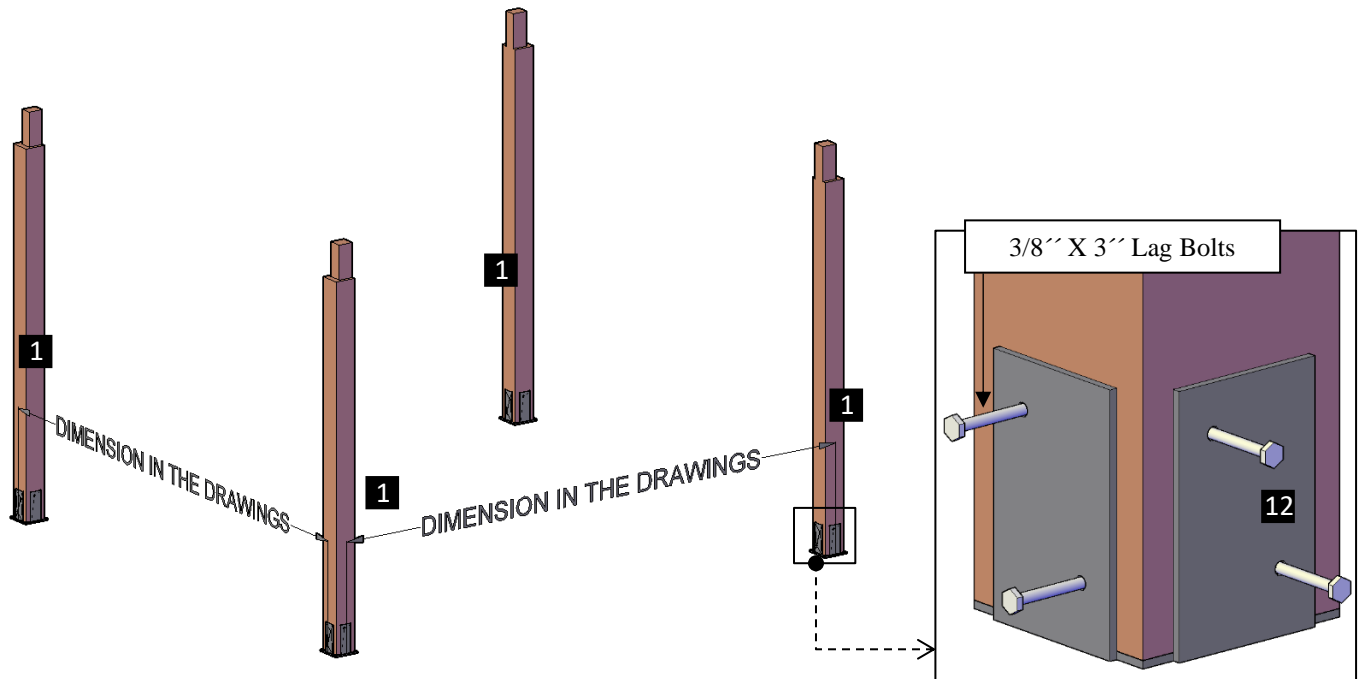


DESCRIPTION	No
Posts	1
Single Supports	2
Supports with In-Between Blocking	3
Triangles	4
Secondary Knee Braces	5
Main Knee Braces	6
Roof Panels	7
Overhang Boards	8
Roof Fascia' s	9
Ceiling Fan Base	10
Boots	11
Standard Anchor Bases	12

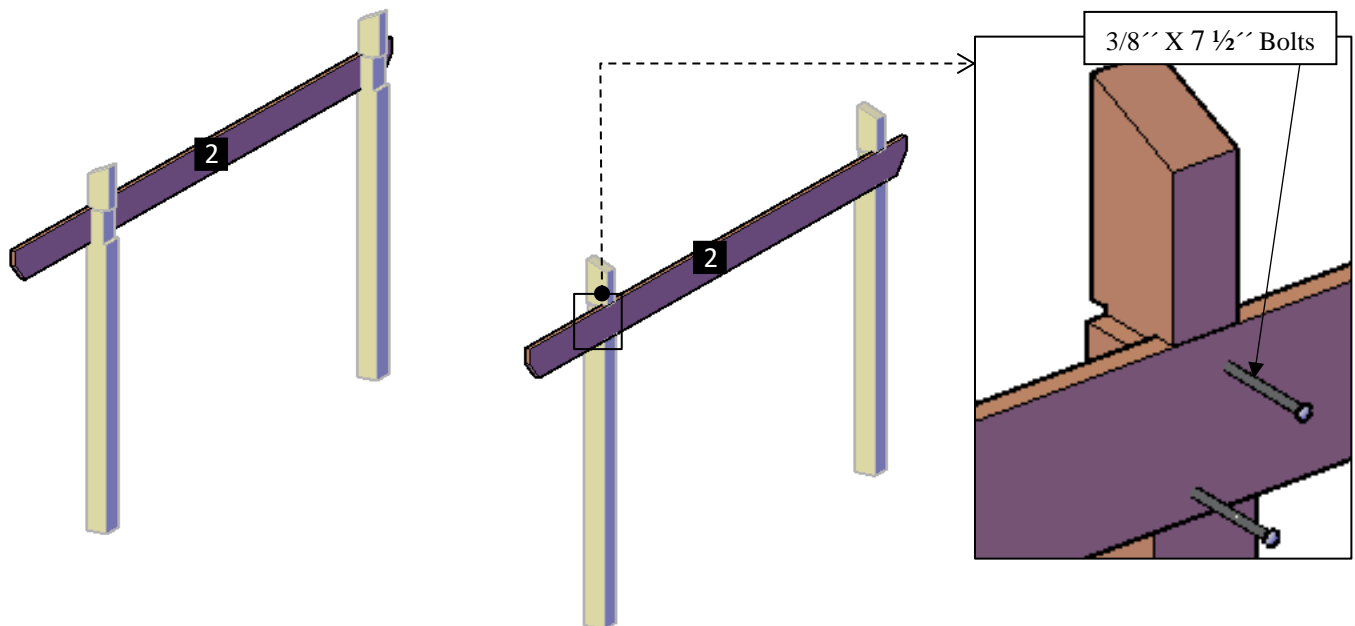
Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on the parts sent.

NOTE: In order to know where the post needs to be placed, check the numbers on them. If the post is not marked, then place the single Supports on the ground to locate the markings for each post position and clearly set your bearings. (“Don’t attach yet, only place them on the ground to begin with”).

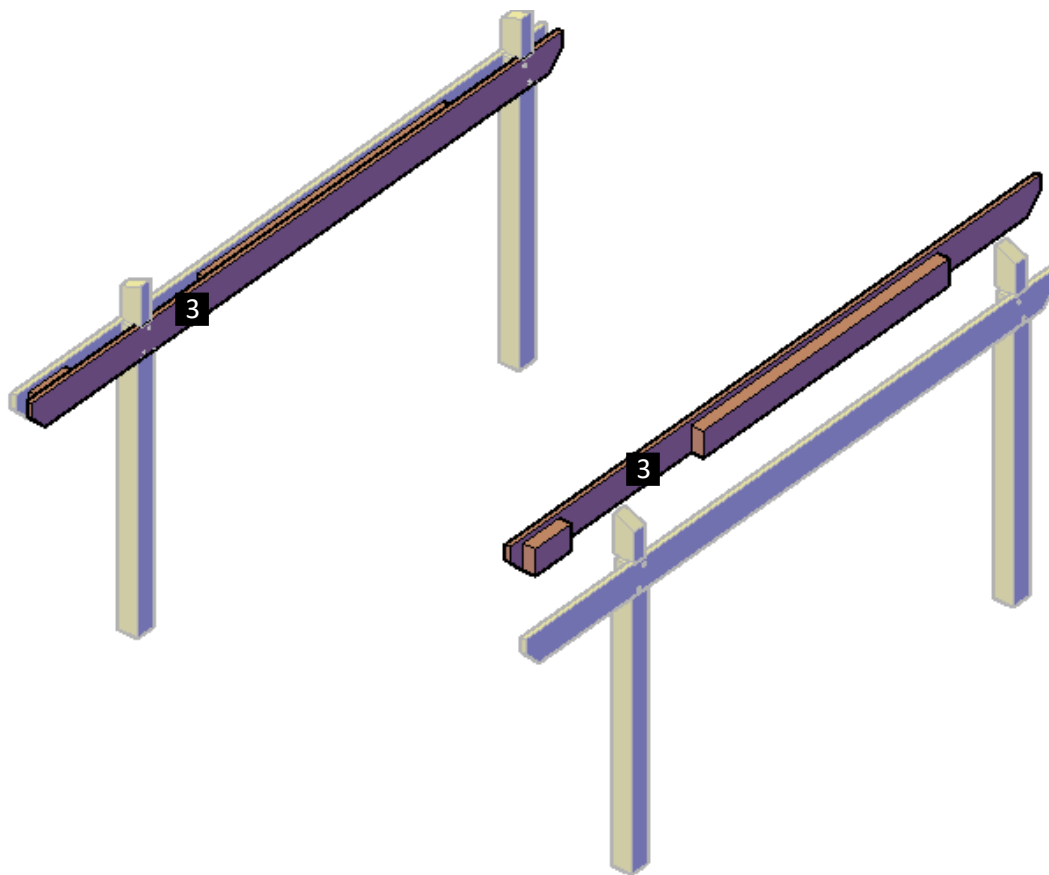
Step 1: Install the anchor base (12) with $\frac{1}{2}$ " X 4" anchor bolts (A) or lag bolts. Please see the “How to anchor your pergola document” for all details. Set your post (1) in the saddle of the anchor bases (12). Drill a $\phi \frac{1}{4}$ " hole in the post prior to anchoring to facilitate the ratcheting of the hardware. After that, use a $\frac{3}{8}$ " X 3" lag bolts (B) to attach each post to the its respective anchor base (10).



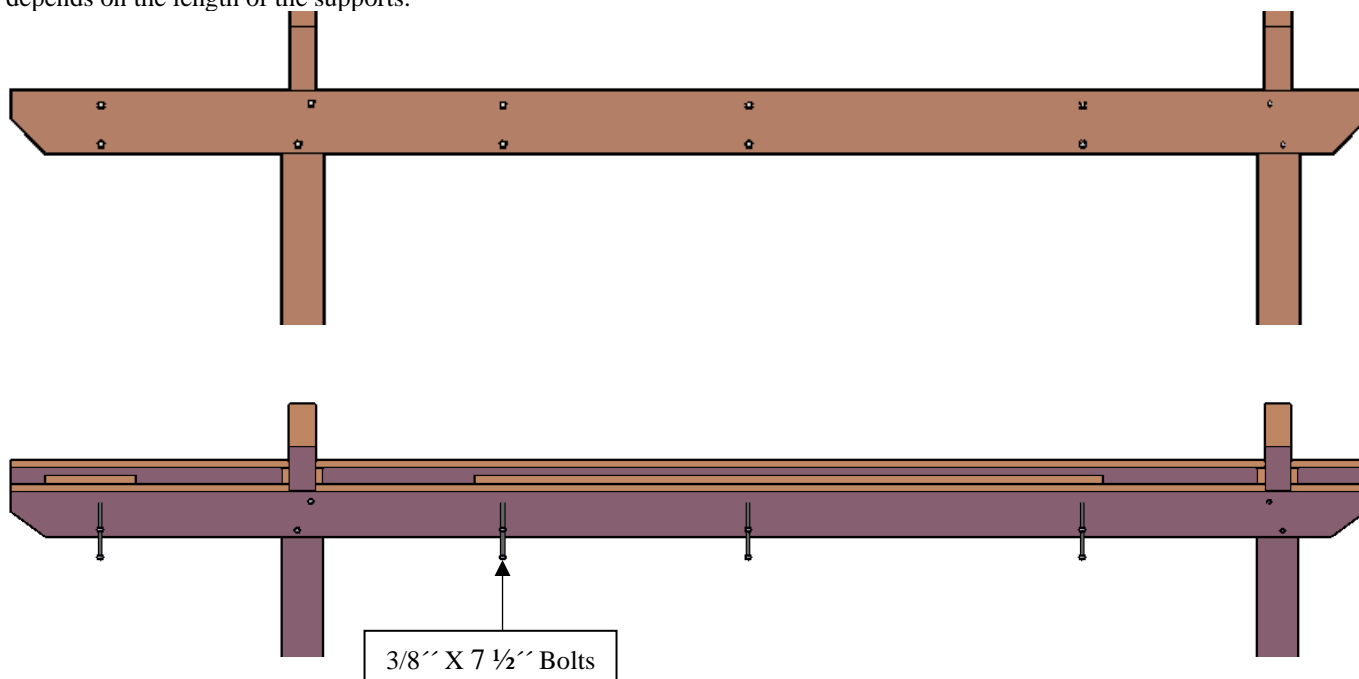
Step 2: First attach the single supports (2) to the posts with $\frac{3}{8}$ " X 7 $\frac{1}{2}$ " bolts (C). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



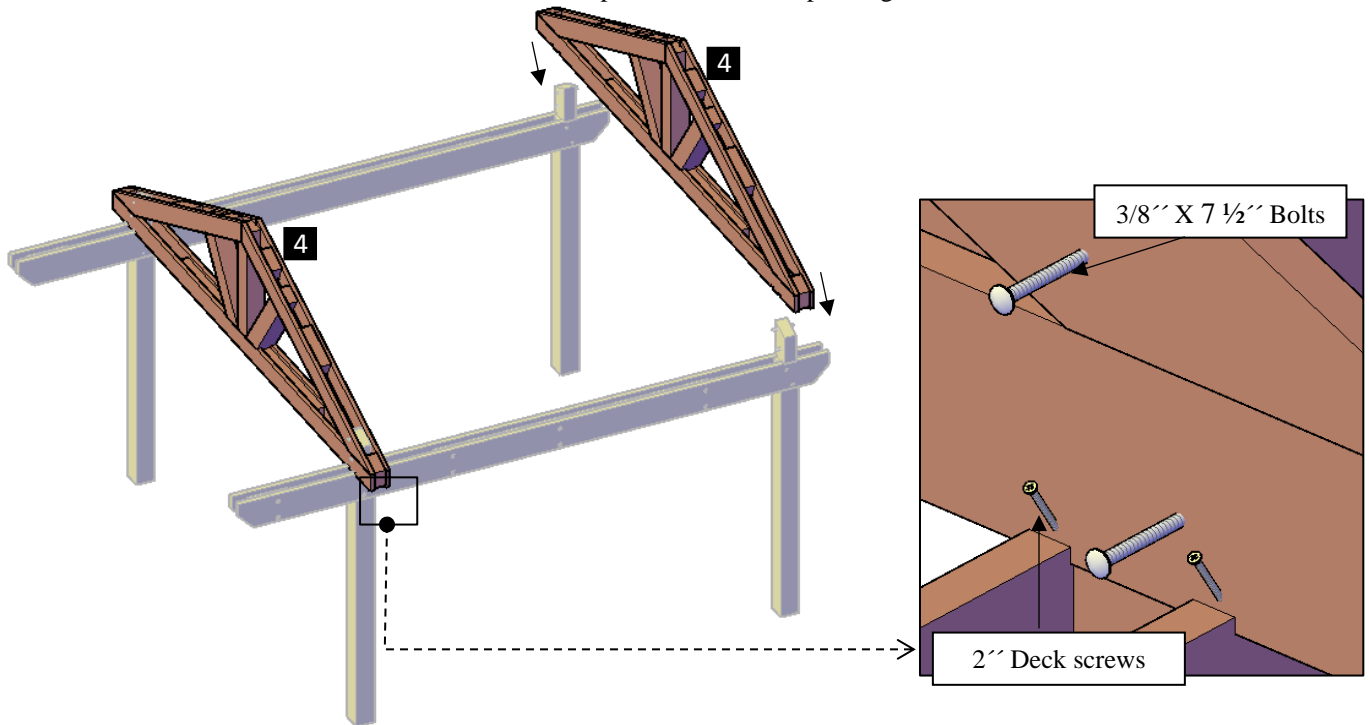
Step 3: Put up the supports with in-between blocking (3), into the post notches as shown and attach to the posts with the single support bolts (C). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



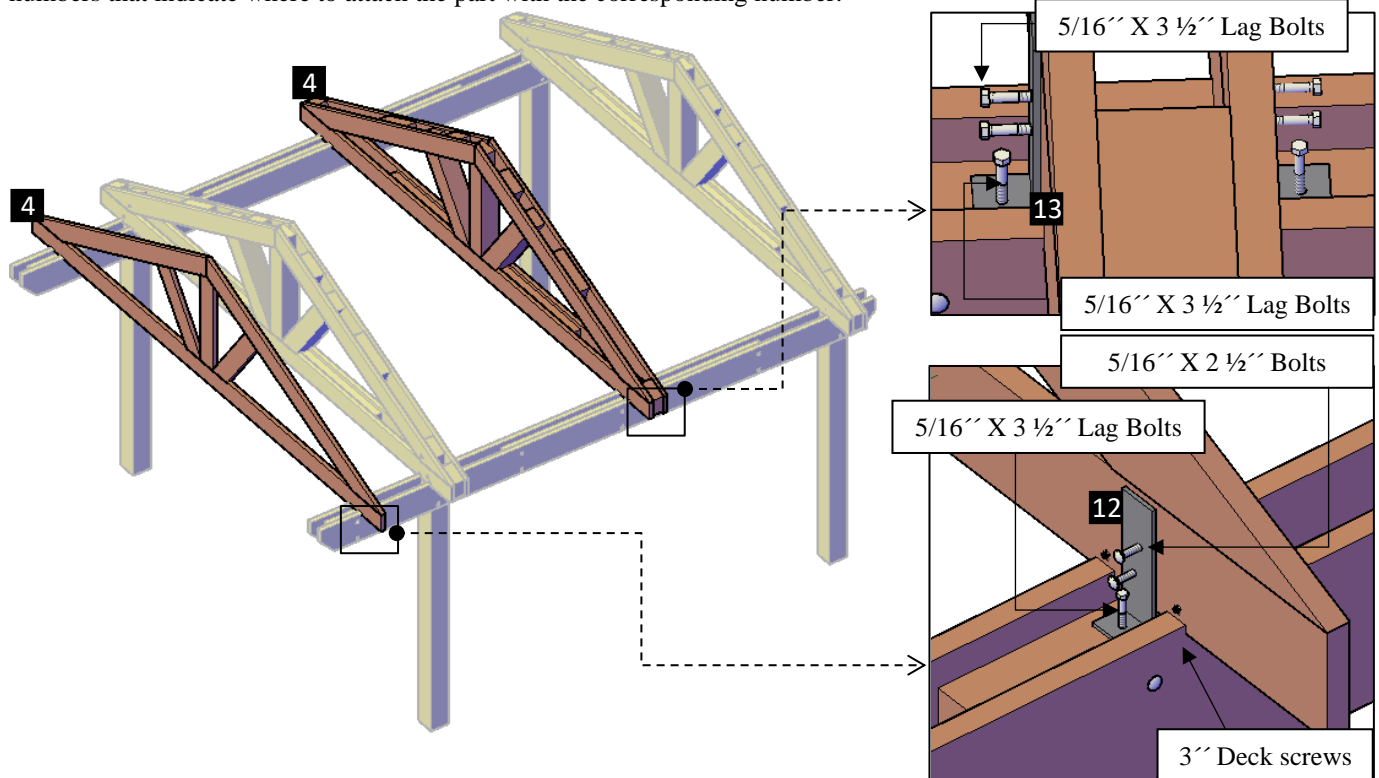
Step 4: Attach the single supports to the supports with in-between blocking, use 3/8" x 7 1/2" bolts (C). The quantity of bolts depends on the length of the supports.



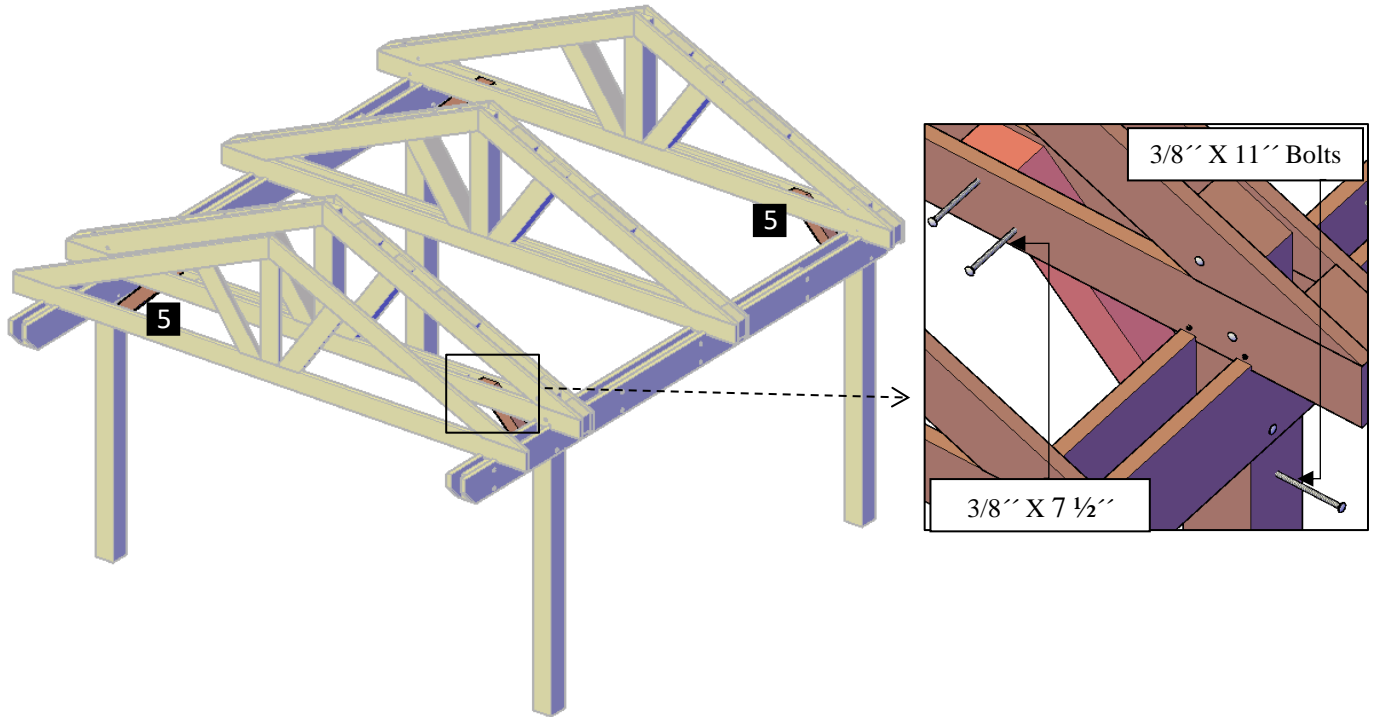
Step 5: Attach the triangles (4) to the posts with $3/8'' \times 7 \frac{1}{2}''$ bolts (C) and to the supports with 2'' deck screws (D). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



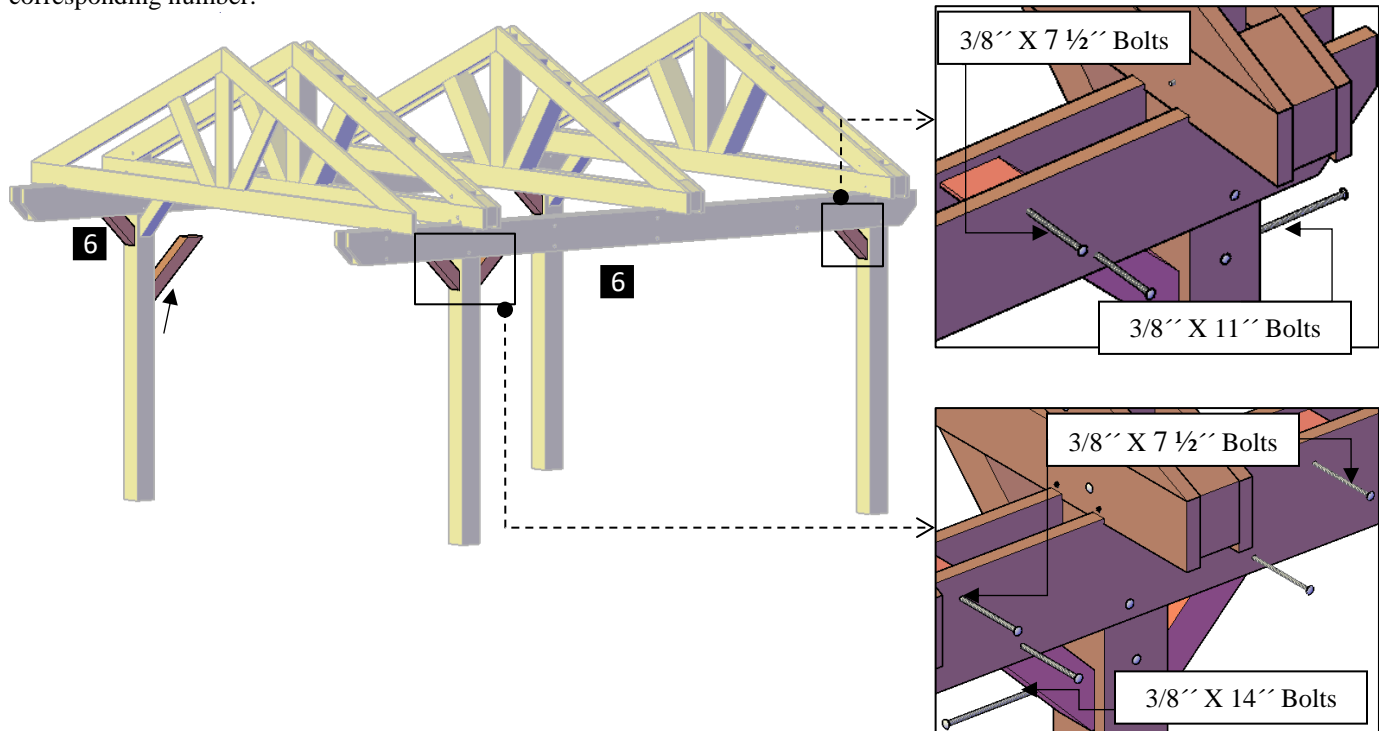
Step 6: First Attach the Angles –A (12) and Angles-B (13) to the supports with $5/16'' \times 3 \frac{1}{2}''$ lag bolts (E). Secondly attach the single triangle to the Angle-A with $5/16'' \times 2 \frac{1}{2}''$ bolts (F) and the central triangle to the Angle-B with $5/16'' \times 3 \frac{1}{2}''$ lag bolts (E). Finally attach the central and single triangles (4) to the supports with 3'' deck screws (D). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



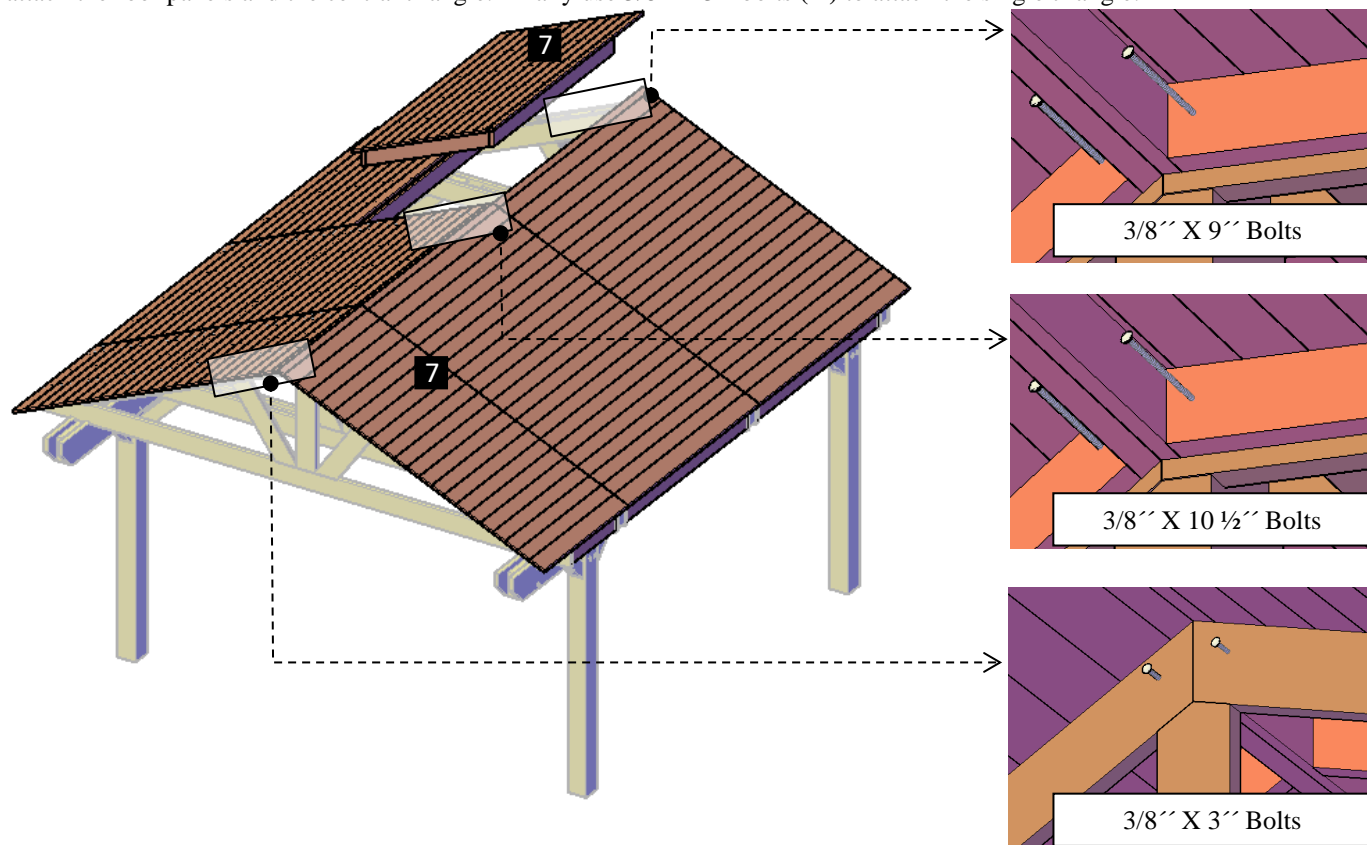
Step 7: Attach the secondary knee braces (5) to the posts with 3/8" x 11" bolts (E) and to the triangles with 3/8" x 7 1/2" Bolts (C). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



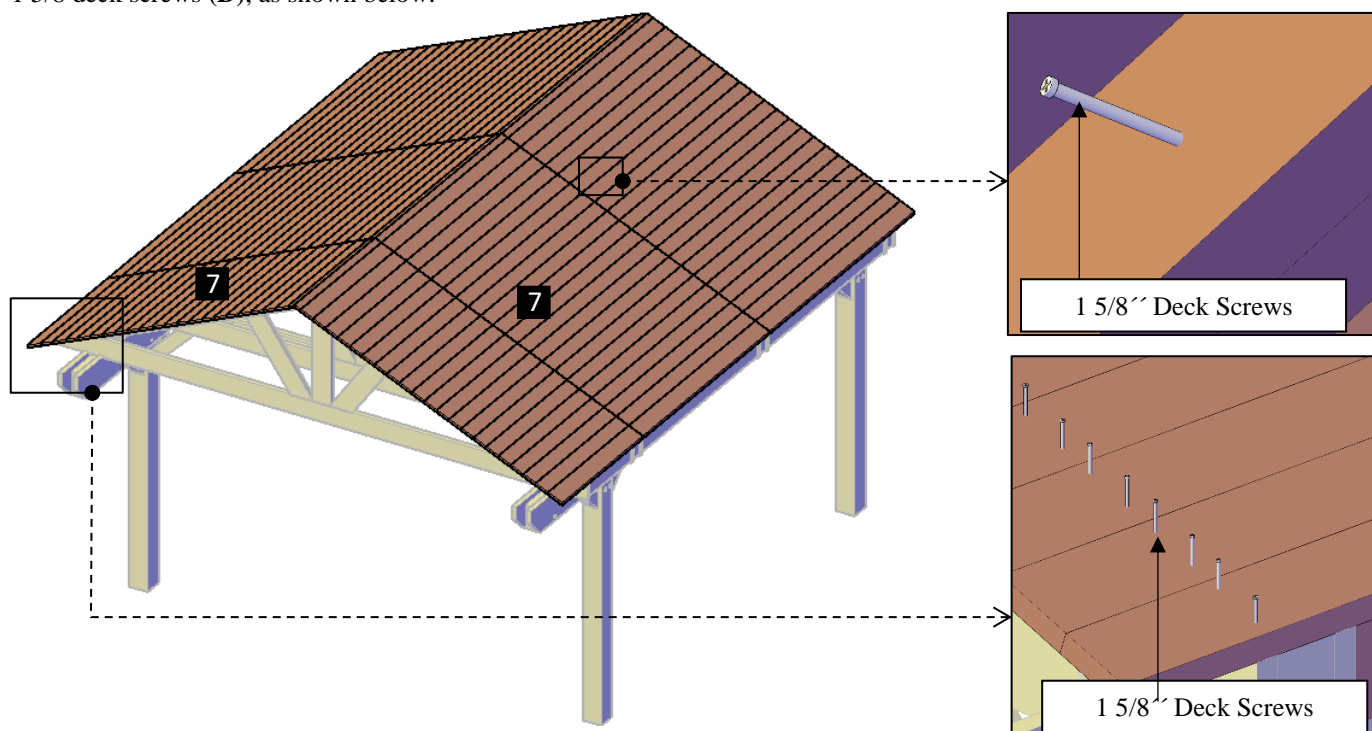
Step 8: Attach the main knee braces (6) to the posts with 3/8" x 11" bolts (E) and 3/8" x 14" bolts (F). After that, attach to the supports with 3/8" x 7 1/2" bolts (C). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



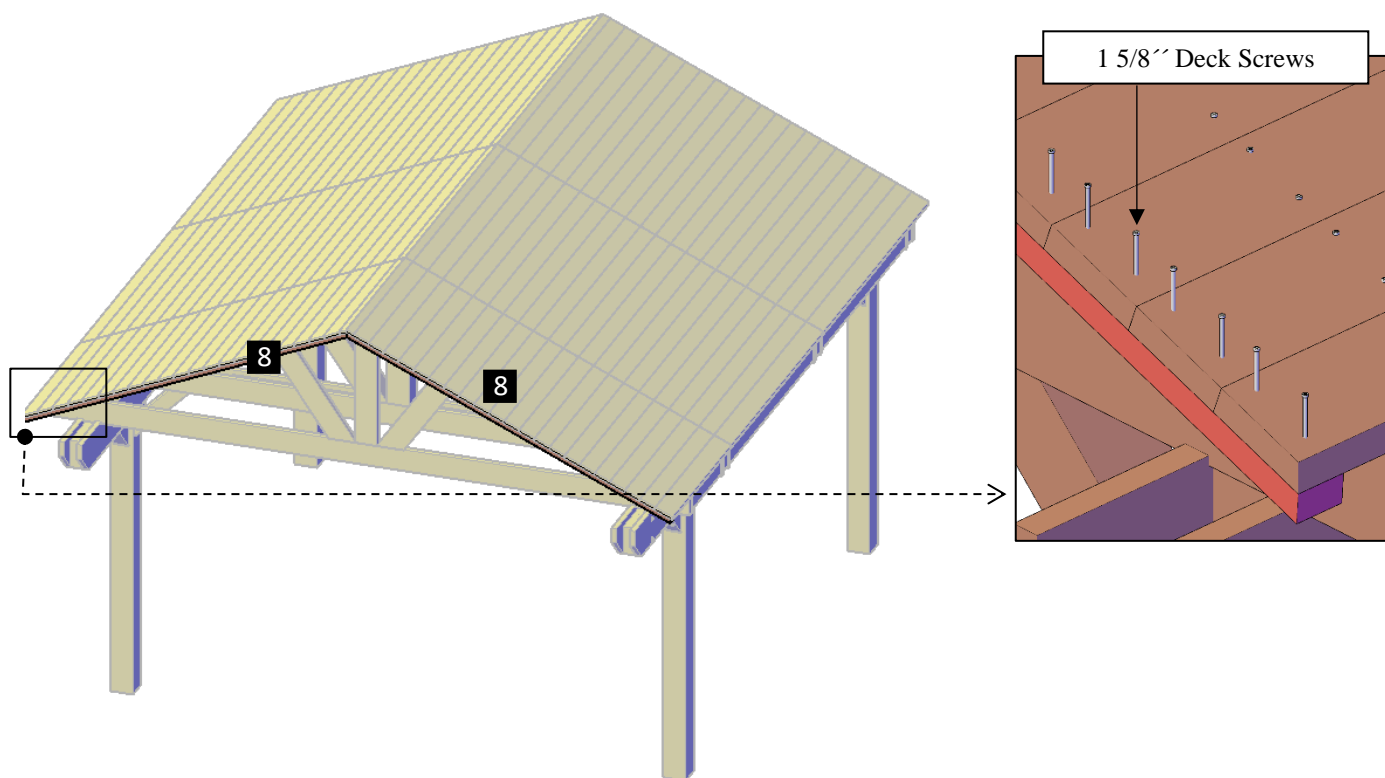
Step 9: First Use 3/8" x 9" bolts (I) to attach the roof panels (7) to the back triangle. Secondly use 3/8" x 10 1/2" bolts (J) to attach the roof panels and the central triangle. Finally use 3/8" x 3" bolts (K) to attach the single triangle.



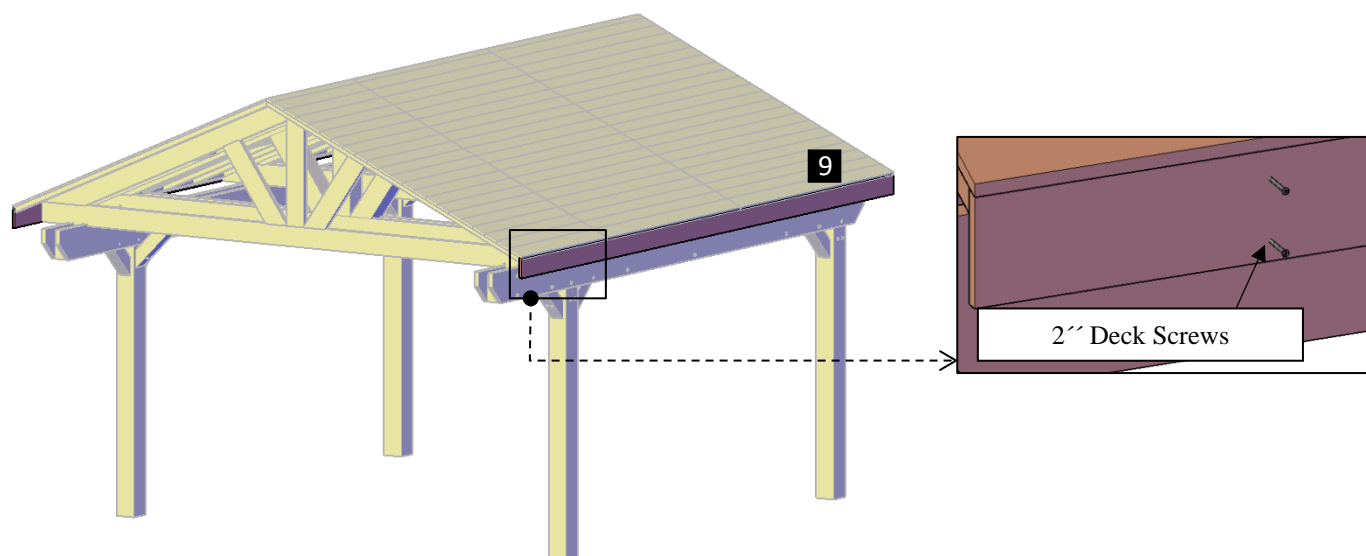
Step 10: Attach the roof panels (7) to the triangles with 1 5/8" deck screws (L). The roof panels will be attached together with 1 5/8" deck screws (D), as shown below.



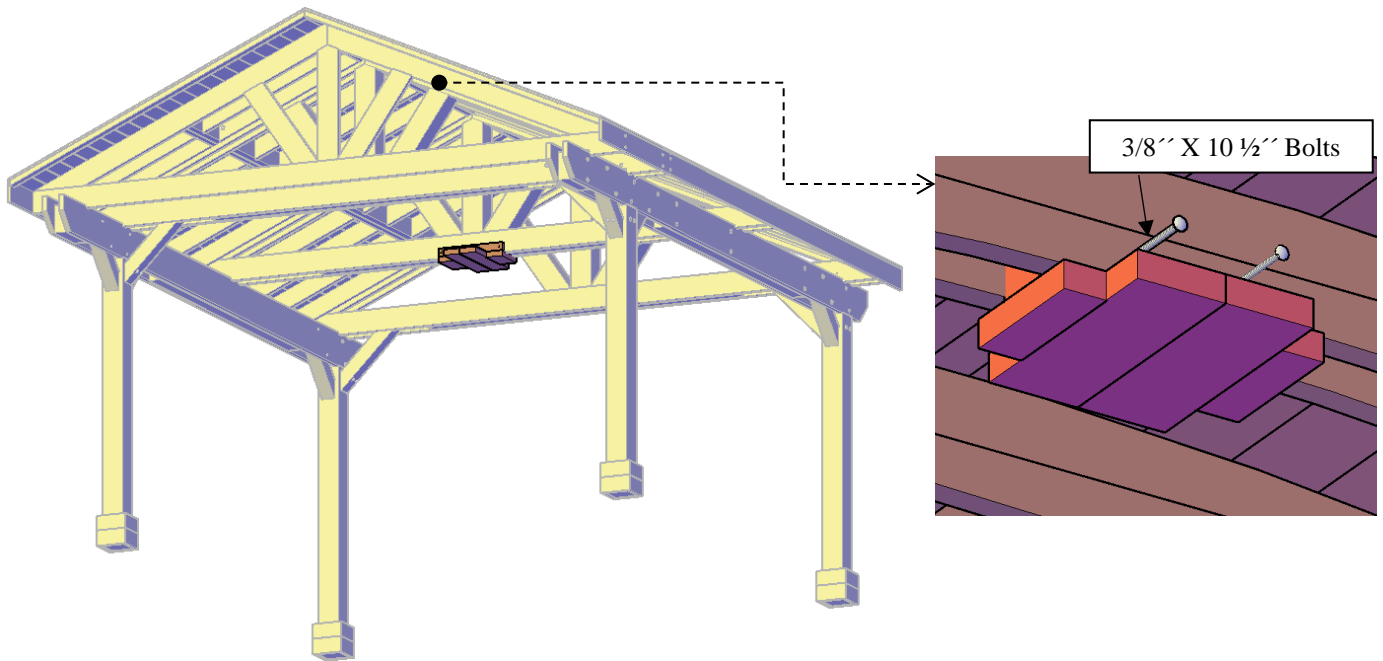
Step 11: Attach the overhang boards (8) to the roof panels with 1 5/8" deck screws (L). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



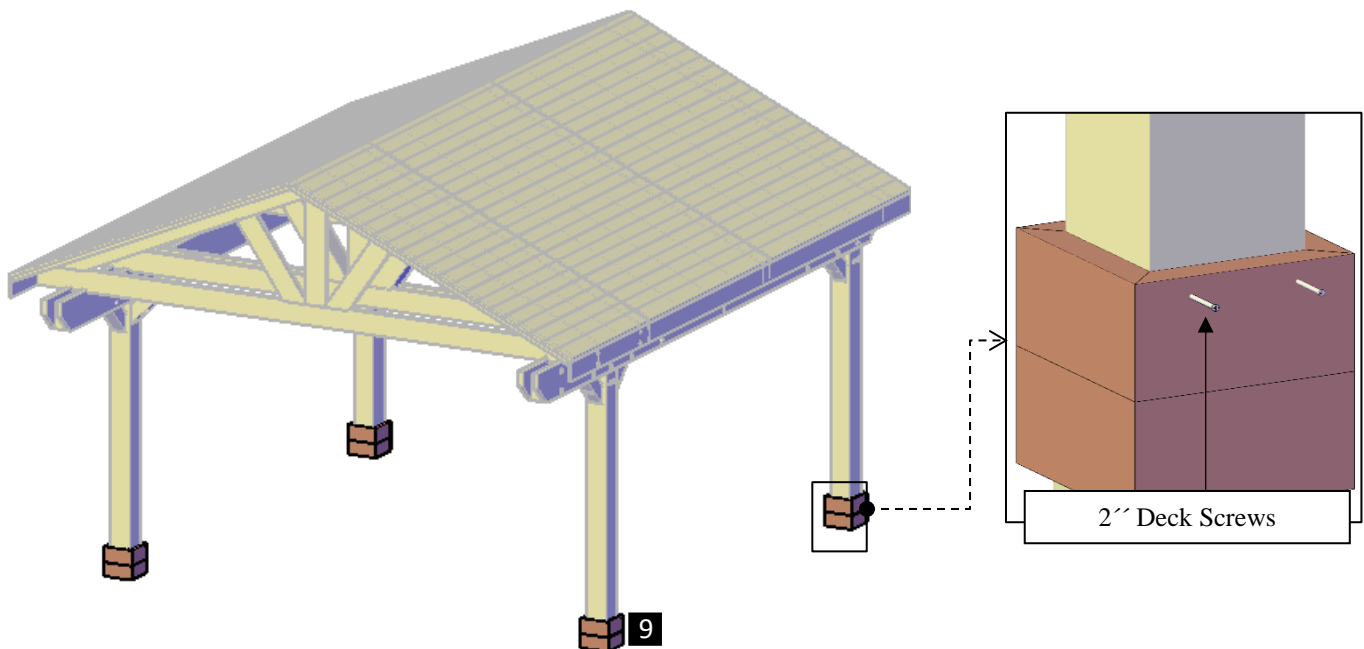
Step 11: Attach the fascia board (9) to the roof panels with 2" deck screws (D). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



Step 12: Use 3/8" X 10 1/2" bolts (J) to attach the ceiling fan base (10) to the triangle. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



Step 12: Finally, attach the boots (11) to each post with 2" deck screws (D).





This completes the Pavilion assembly. Hope you enjoy your set for many decades. If you ever have a problem or a question, don't hesitate to call us (866 332 2403) or email us. We are here to support you.