

# FOREVER REDWOOD

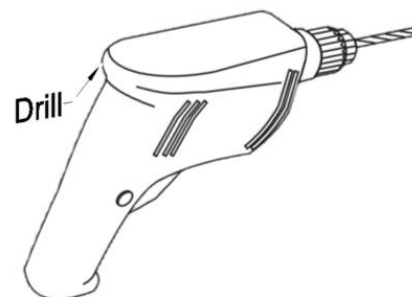
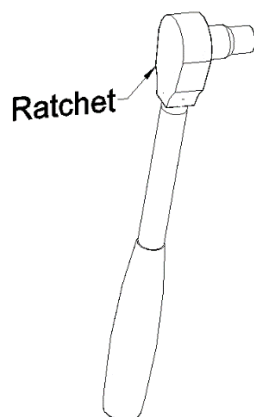
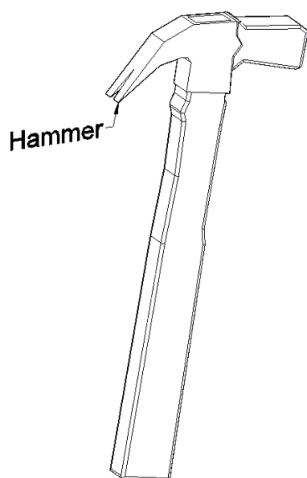
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866.332.2403 (TOLL FREE) (707) 640.29.05 (Option 4) Direct Line for the Design Department; 7am – 7pm Pacific Time, Monday-Saturday

## ASSEMBLY INSTRUCTIONS FOR THE THICK TIMBER TOLEDO WOOD PAVILIONS

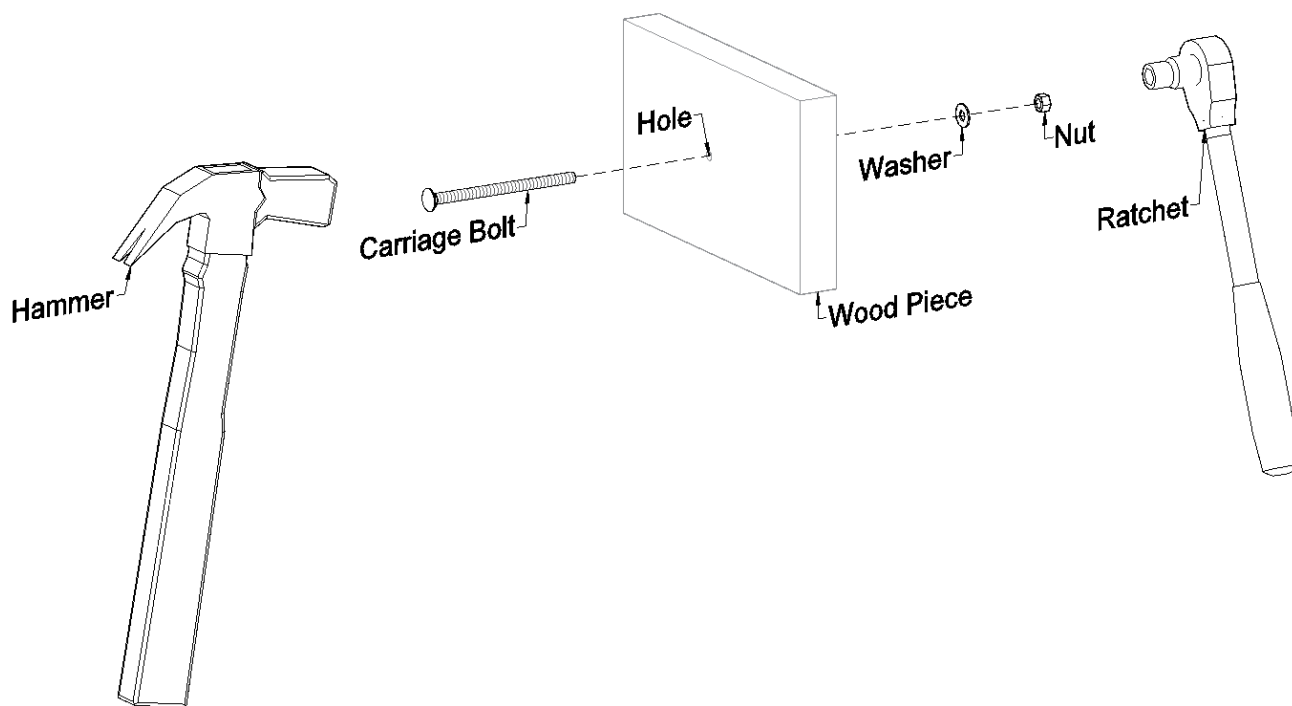


**NOTE:** Assembly is best done by two people. To assemble your product, you need a Hammer, a Ratch or a wrench and if required a Drill.



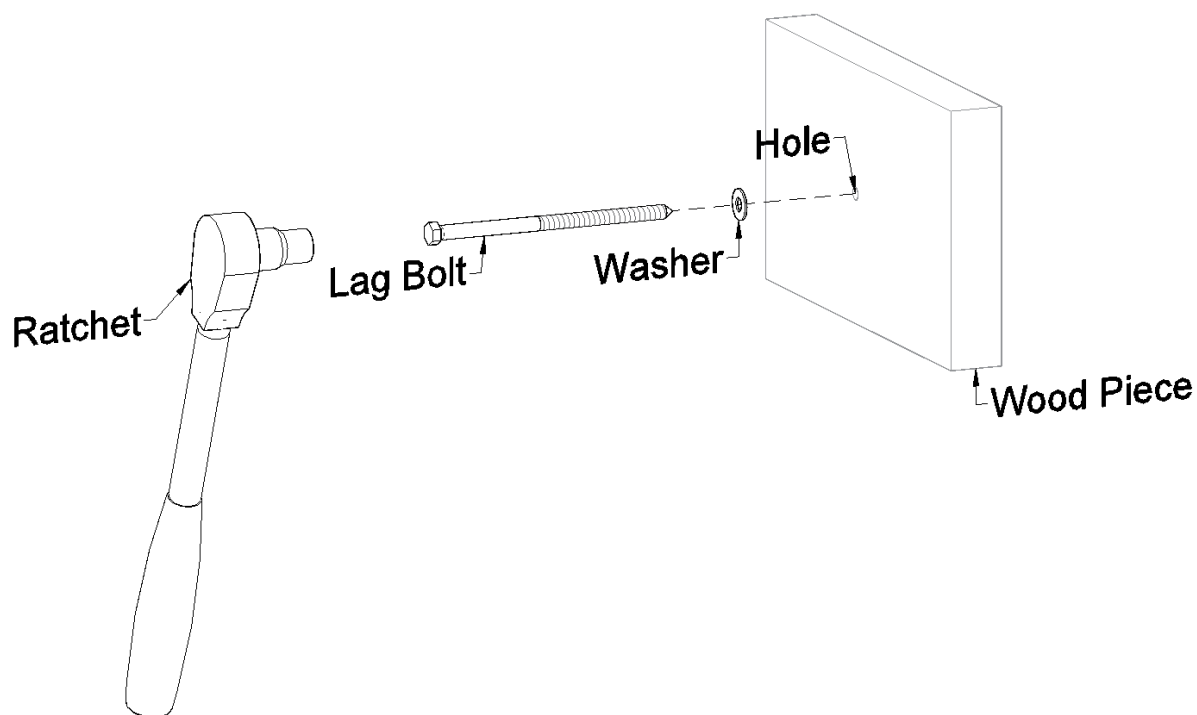
**Required Tools (Are not included in your hardware packing).**

**PROCESS TO INSTALL THE HARDWARE PROVIDED.**



**To install the bolts.**

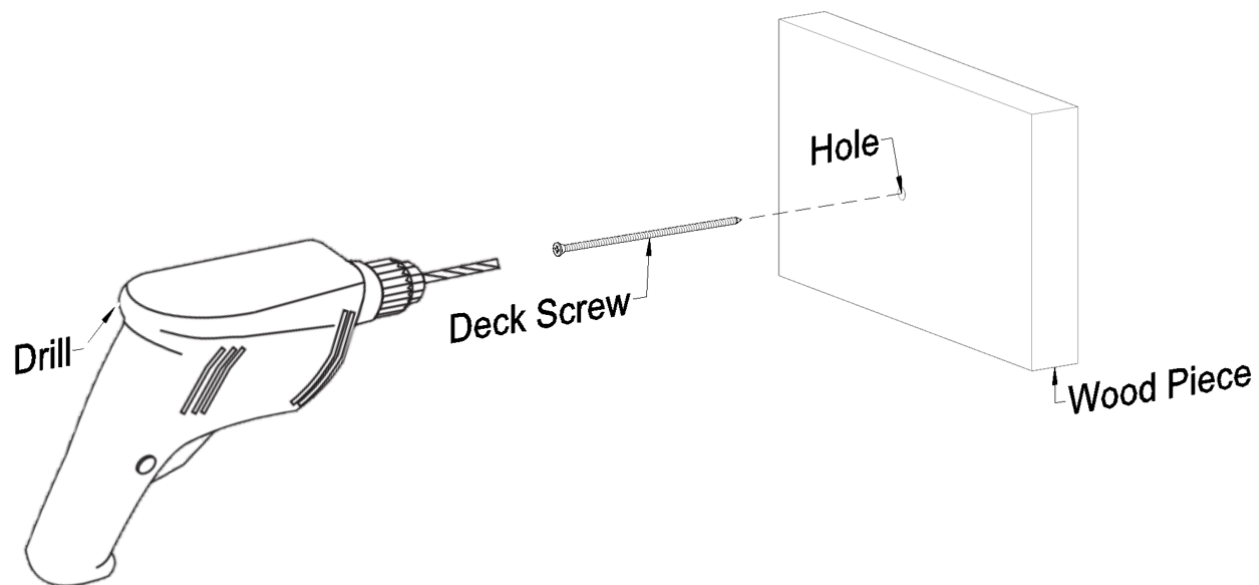
Insert the carriage bolts into the holes and lightly tap with a hammer until the square neck fit in the wood piece and the bolt head must flush with the wood piece. Finally, place the washer and the nut and carefully tighten it using a ratch with the necessary socket or a wrench.



**To install the lag bolts.**



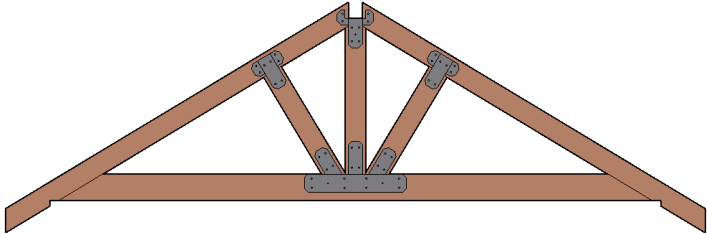











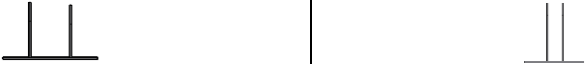


Place the washers in their lag bolts. After that, insert the lag bolts into the holes and carefully tighten it using a **ratch** with the necessary **socket**.

**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		
Description	Drawing	No.
Posts		1
Supports		2
Roof trusses (They are unarmed)		3
T-Support for the roof trusses		4
T-Support for the Beam		5
Ridge Beam		6
Main Knee Braces		7
Secondary Knee Braces		8
Rafters		9
Roof Boards		10
Roof trims		11
Fascias		12
T-Supports		13
L-plaques		14
Metal Bases-A/B		15
High wind anchor bases		16
Boots		17

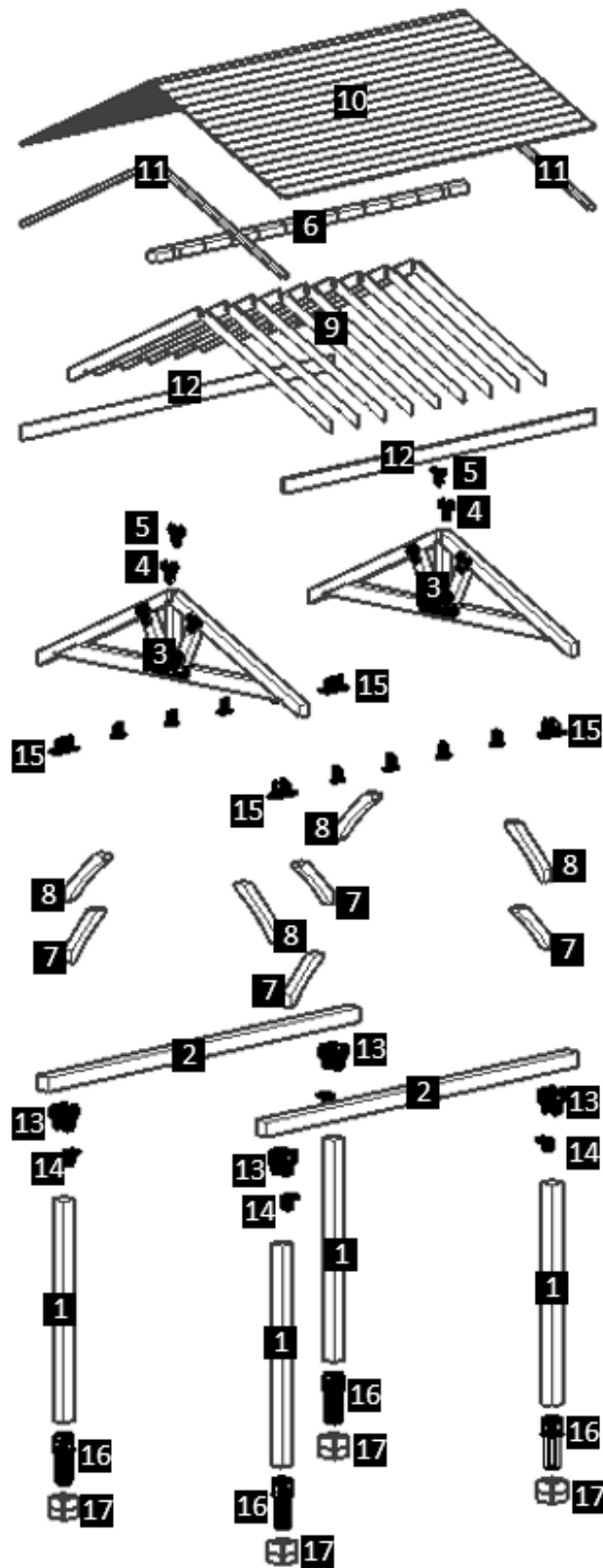
**Note:** Part numbers in the Content of Boxes Table are for reference only. These do not match to the numbers marked on the parts sent.

HARDWARE LIST		
Description	Drawing	No.
5/16" x 3" Lag Bolts		LB1
3/8" X 3" Lag Bolts		LB2
3/8" x 6" Lag bolts		LB3
3/8" x 2 1/2" lag bolts		LB4
3/8" x 4" Lag Bolts		LB5
3/8" X 8" bolts		BL1
3/8" x 6 1/2" Bolts		BL2
3/8" x 11" bolts		BL3
3/8" x 12" bolts		BL4
5/16" X 2 1/2" Bolts		BL5
2 1/2" deck screws		DS1
1 5/8" deck screws		DS2

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



<b>DESCRIPCION</b>	<b>No.</b>
Posts	1
Supports	2
Roof trusses	3
T-Support for the roof trusses	4
T-Support for the Beam	5
Ridge Beam	6
Main Knee Braces	7
Secondary Knee Braces	8
Rafters	9
Roof Boards	10
Roof trims	11
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L-plaques	14
Metal Bases-A/B	15
High wind anchor bases	16
Boots	17

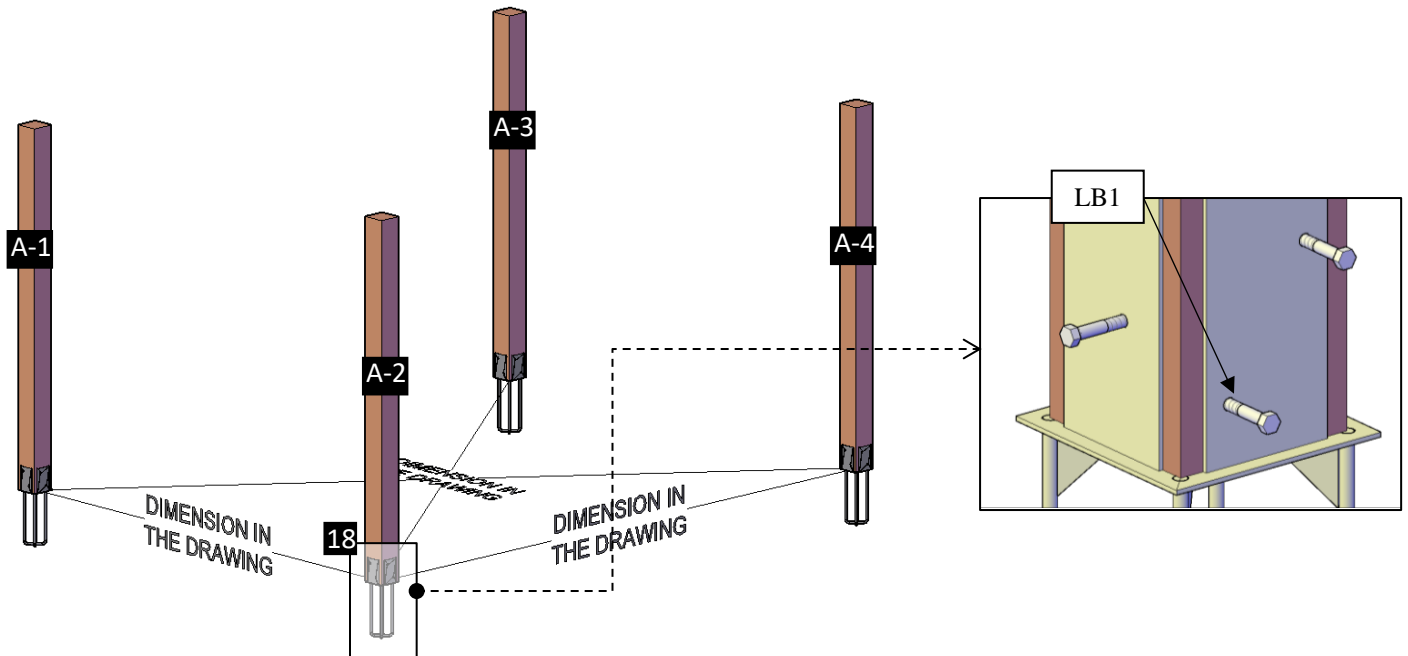


*Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on the parts sent.*

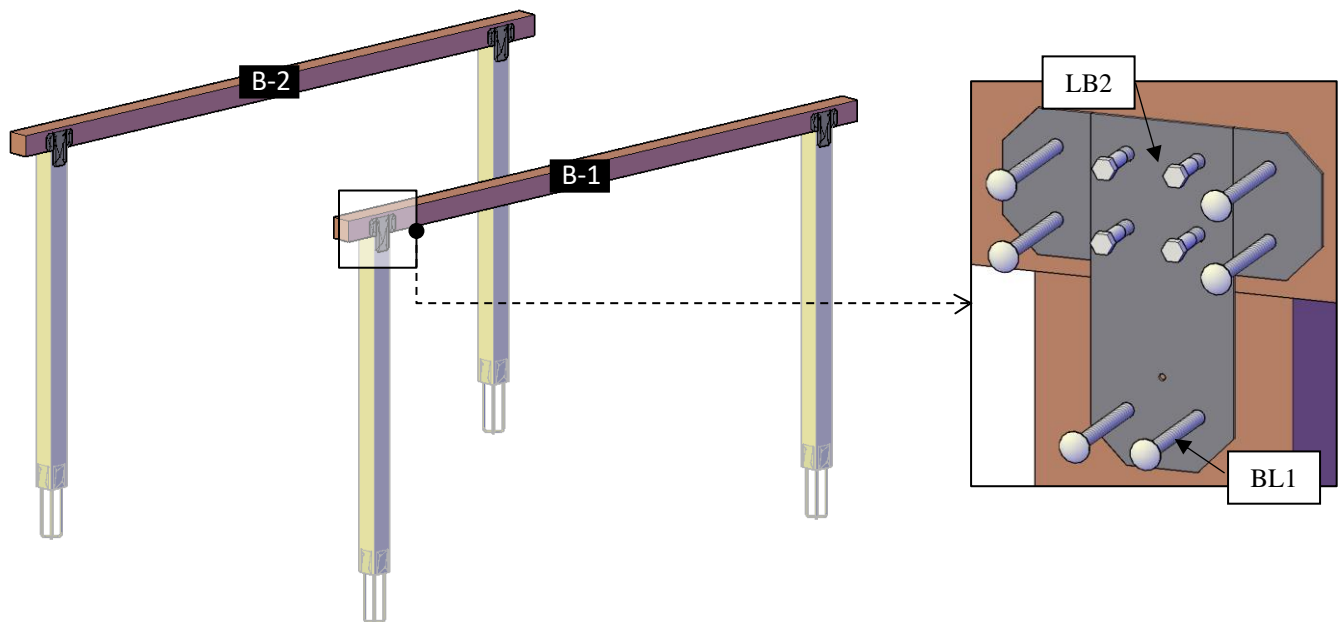
**NOTE:** In order to know where the post needs to be placed, check the numbers on them. If the post is not marked, then place the single Supports on the ground to locate the markings for each post position and clearly set your bearings. (“Don’t attach yet, only place them on the ground to begin with”).

**Note:** Before install the anchor bases make sure that the ground is level using a carpenter's level or hydro-level (water level).

**Step 1:** Install the high wind anchor bases (18). Please see the “How to anchor your pergola document” for all details. Set your post (1) in the saddle of the anchor bases. Drill a  $\phi \frac{1}{4}$ ” hole in the post prior to anchoring to facilitate the ratcheting of the hardware. After that, use 5/16” x 3” Lag Bolts (LB1) to attach each post to its respective anchor base.

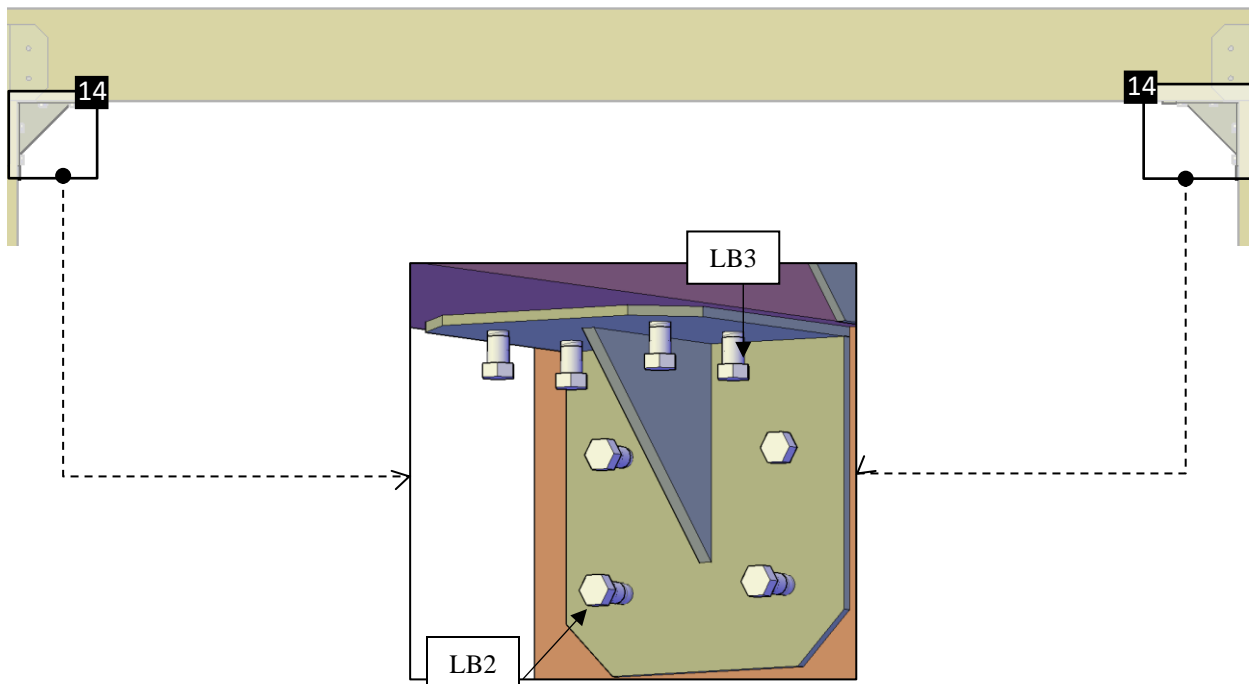


**Step 2:** Use the T-Supports (13), 3/8” X 8” bolts (BL1) and 3/8” X 3” Lag Bolts (LB2) to attach the Supports-A (2) to the posts. Check the marked on each support and place as drawings shown.

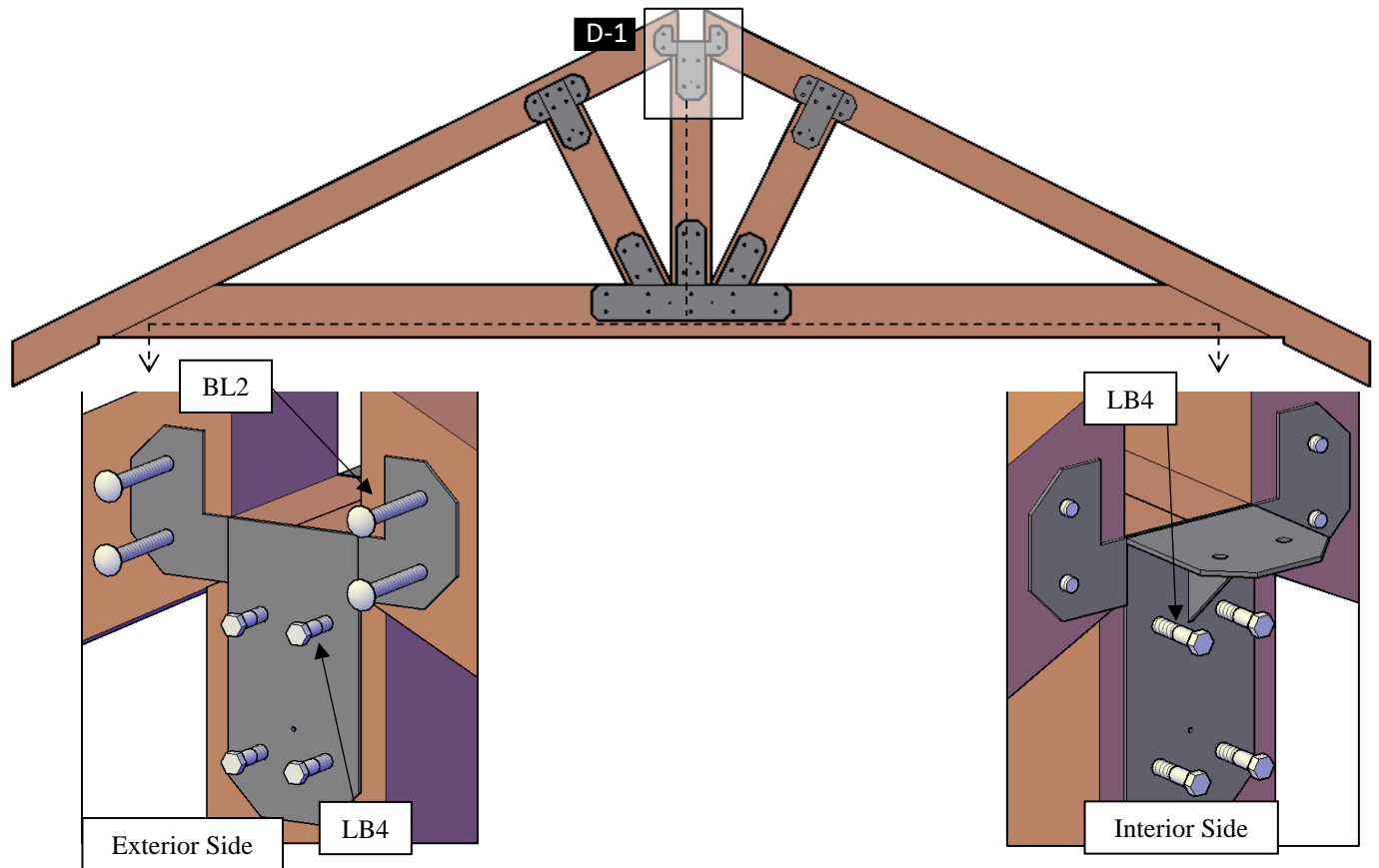




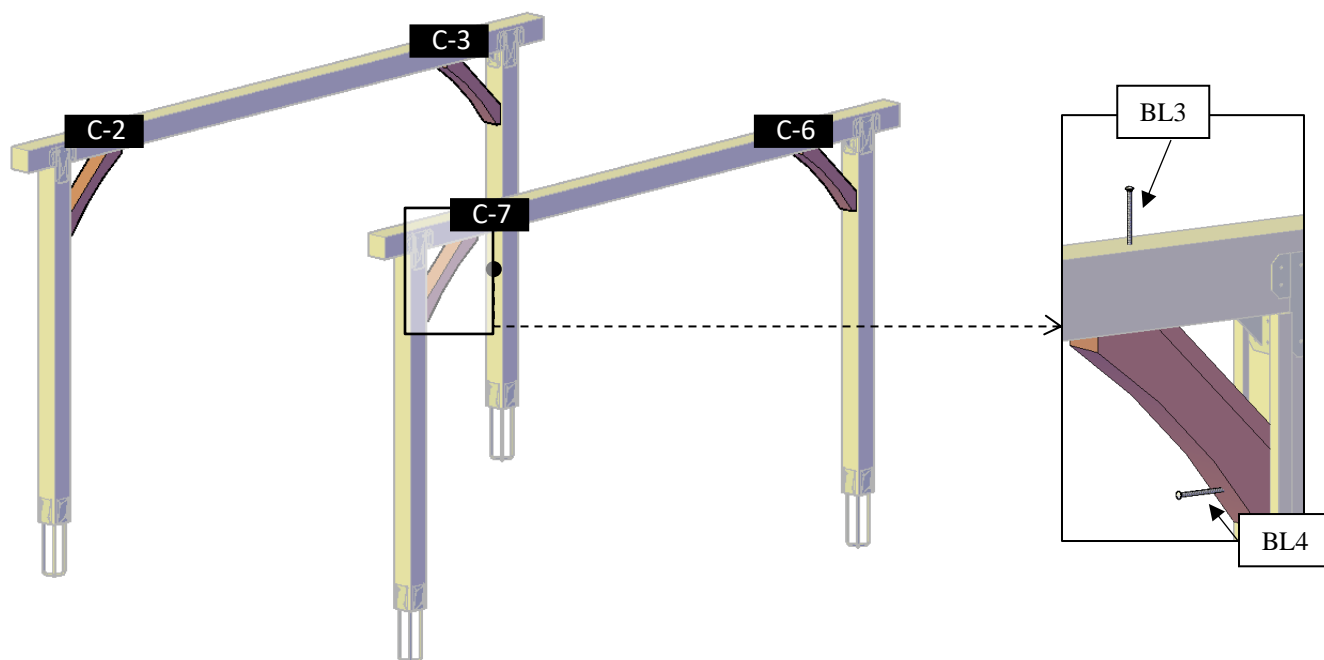
**Step 3:** Attach the L-Plaques (14) to the posts and to the Supports-A (2) with 3/8" x 6" Lag bolts (LB3) and 3/8" x 3" Lag bolts (LB2).



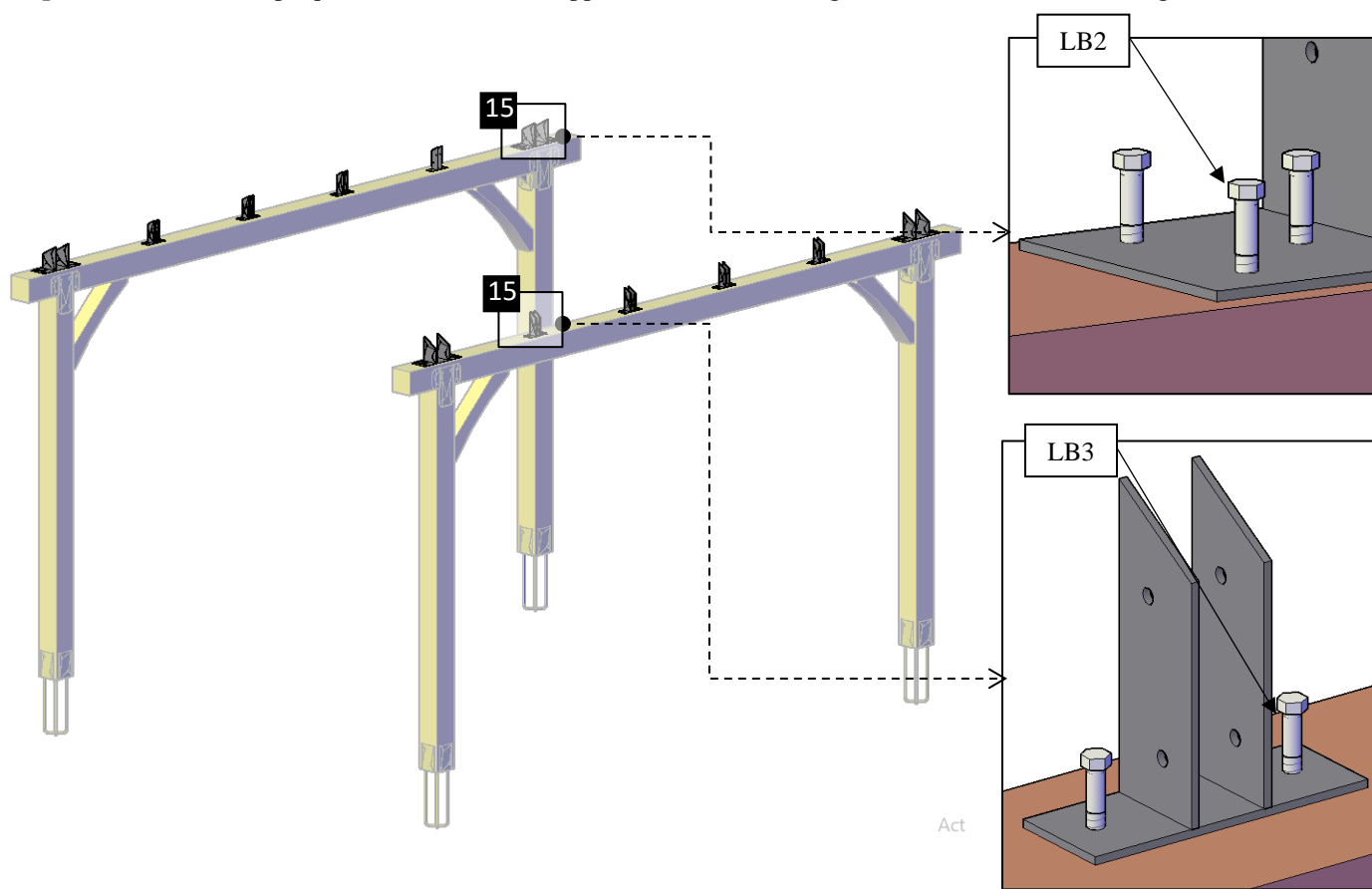
**Step 4:** Attach the Exterior T-Supports for the roof trusses (4) and T-Supports for the beam (5) to the king post and to the tie beam with 3/8" x 6 1/2" Bolts (BL2) and 3/8" x 2 1/2" lag bolts (LB4).



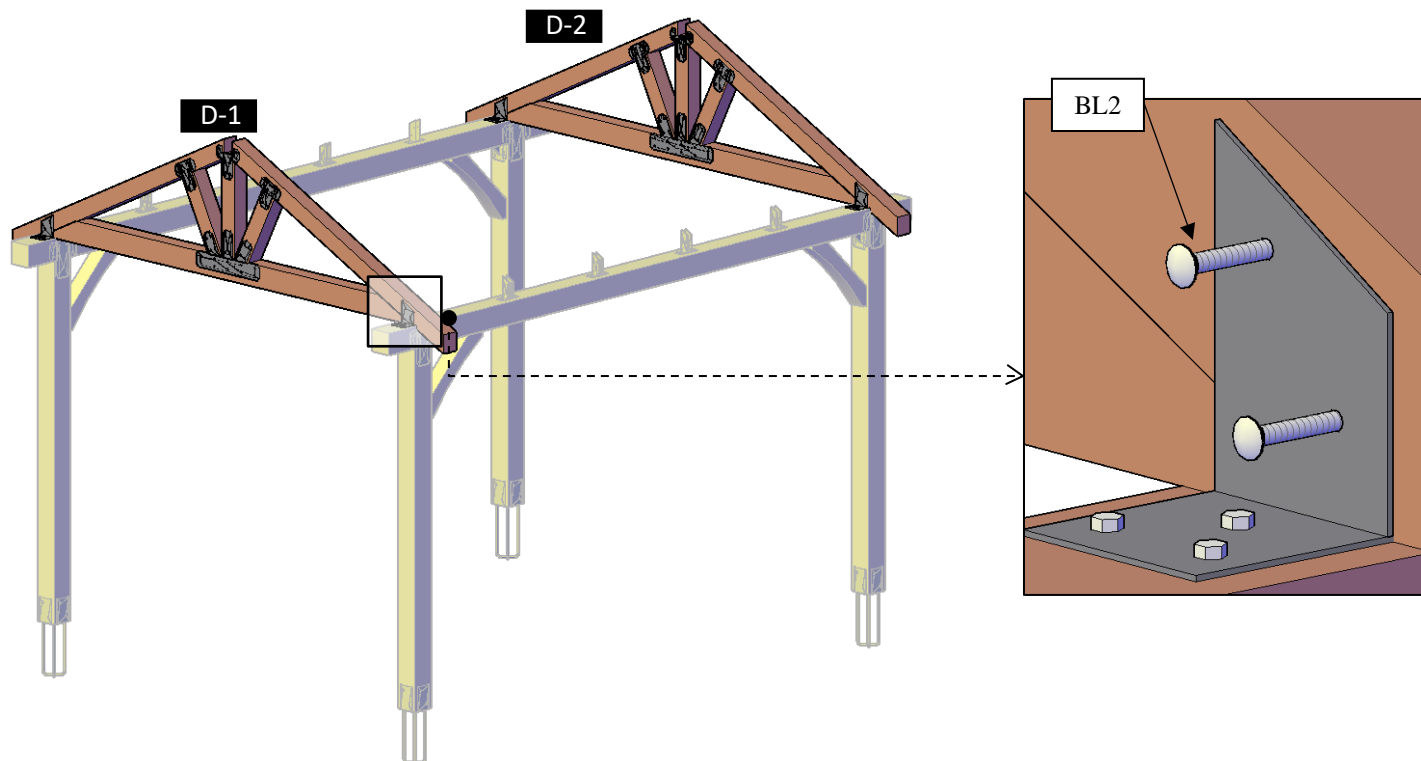
**Step 5:** Attach the main knee braces (7) to the supports with 3/8" x 11" bolts (BL3) and to the posts with 3/8" x 12" bolts (BL4). Check the marked on each main knee braces and place as drawings shown.



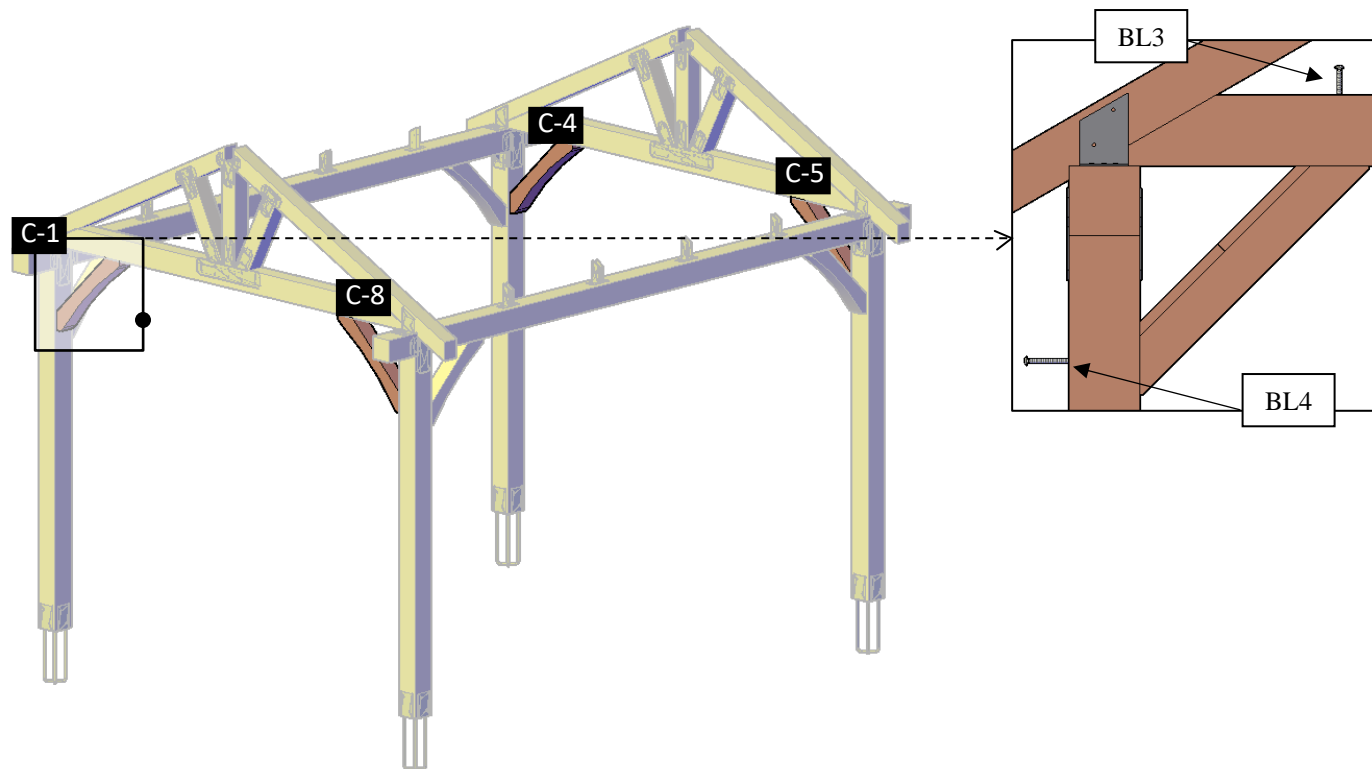
**Step 6:** Attach the metal plaques-A&B (15) to the supports with 3/8" x 6" Lag bolts (LB3) and 3/8" x 3" Lag bolts (LB2).



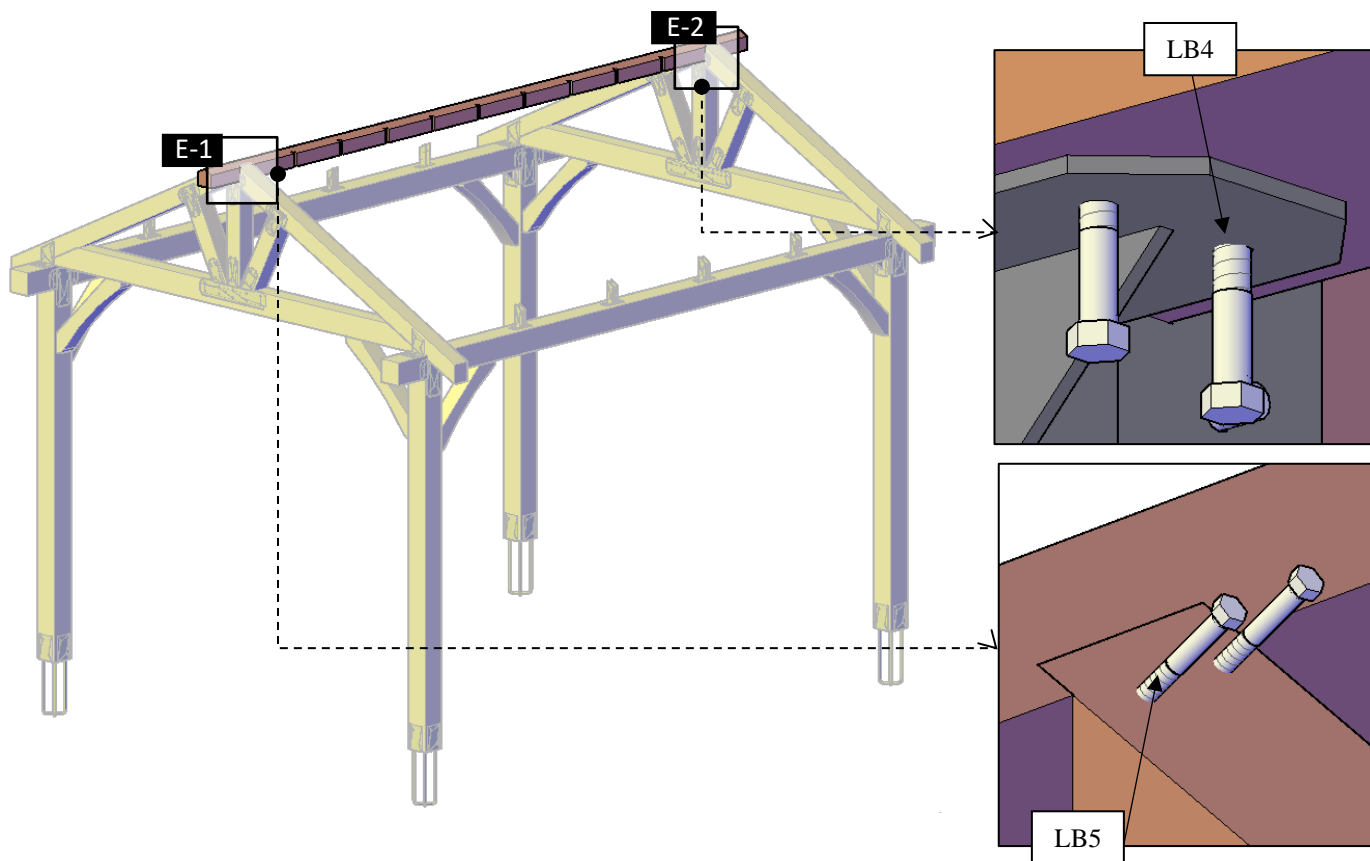
**Step 7:** Attach the Metal Base-A (15) to the central roof trusses with 3/8" x 6 1/2" Bolts (BL2). Check the marked on each roof trusses and place as drawings shown.



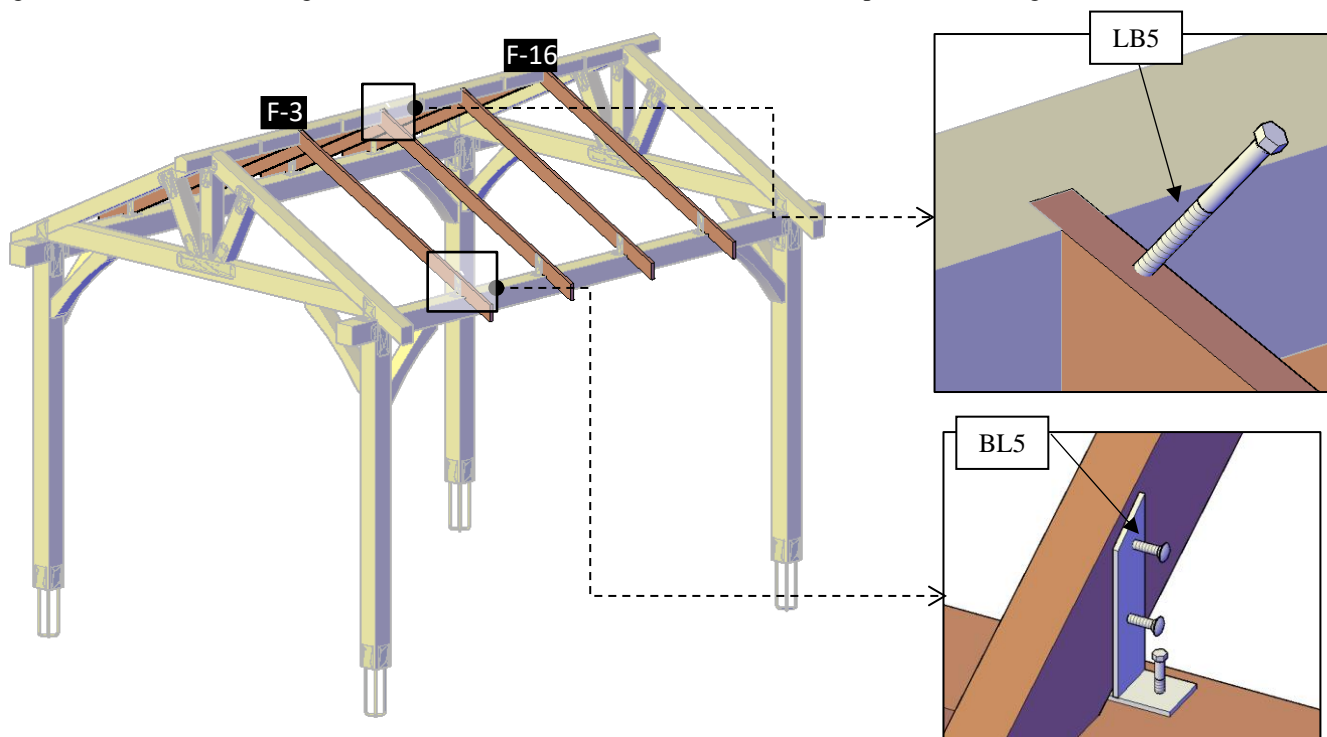
**Step 8:** Attach the secondary knee braces (8) to the roof trusses with 3/8" x 11" bolts (BL3) and to the posts with 3/8" x 12" bolts (BL4). Check the marked on each secondary knee braces and place as drawings shown.



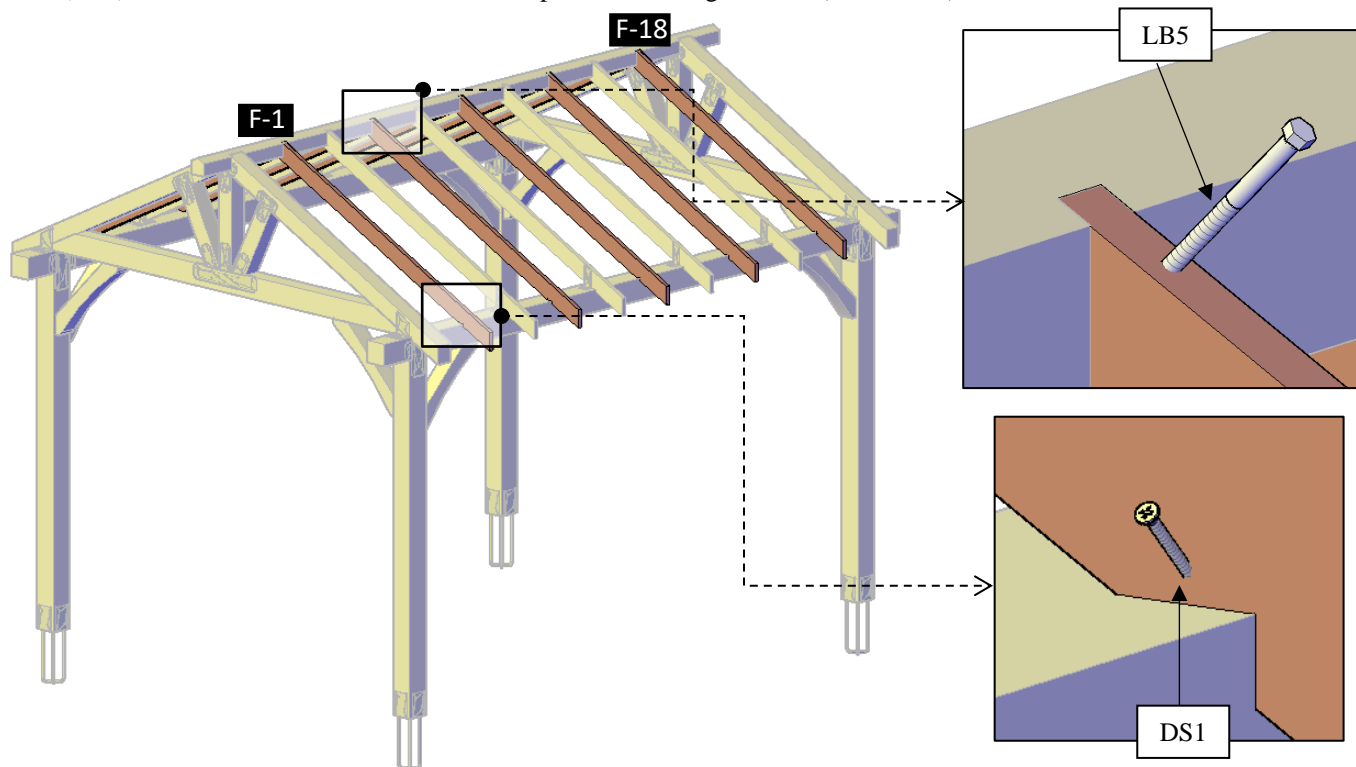
**Step 9:** Attach the ridge beam (6) to the roof trusses with 3/8" x 4" Lag Bolts (LB5) and to the T-Supports for the beam (5) with 3/8" x 2 1/2" lag bolts (LB4). Check the marked on each ridge beam and place as drawings shown.



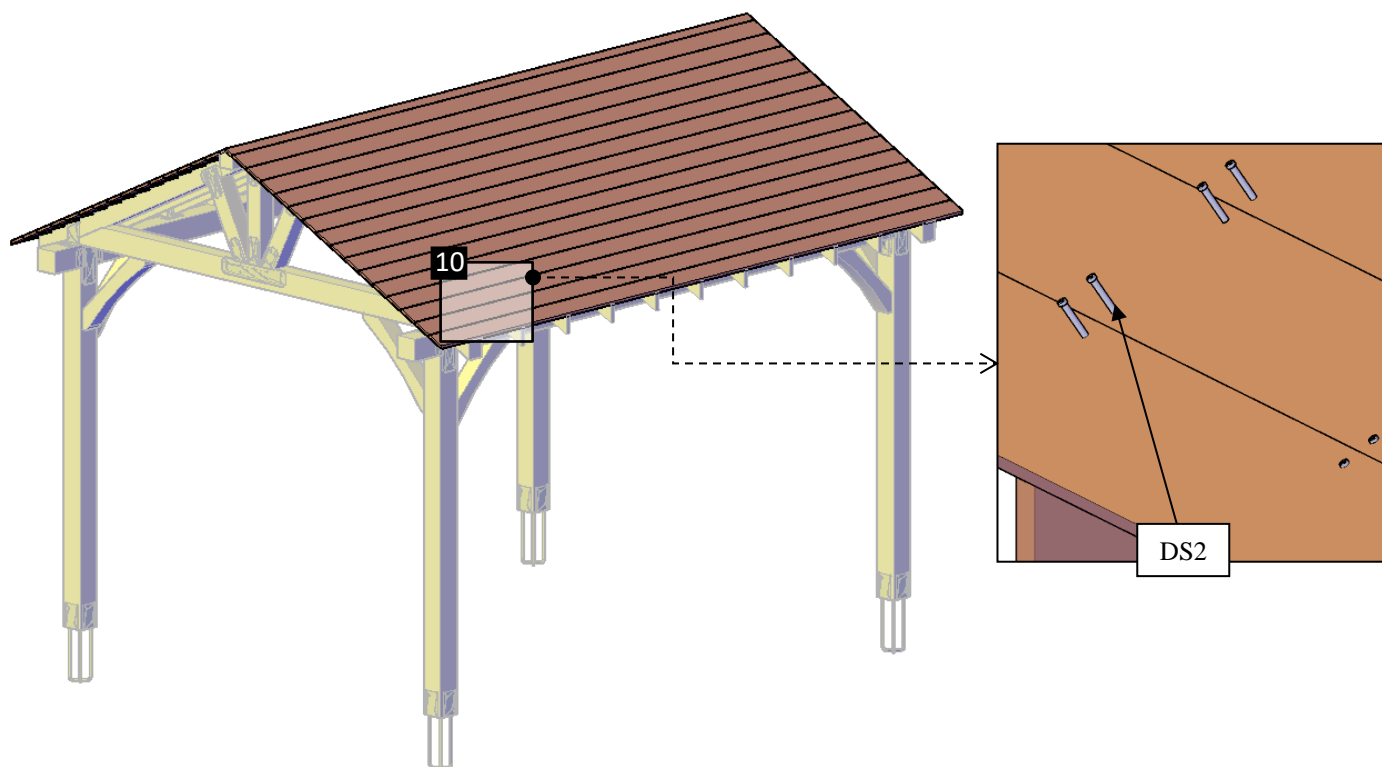
**Step 10:** Use 5/16" X 2 1/2" Bolts (BL5) to attach the rafters (9) to the Metal Base-B (15). After that, attach the rafters to the ridge beam with 3/8" x 4" Lag Bolts (LB5). Check the marked on each rafter and place as drawings shown (F-3 at F-16).



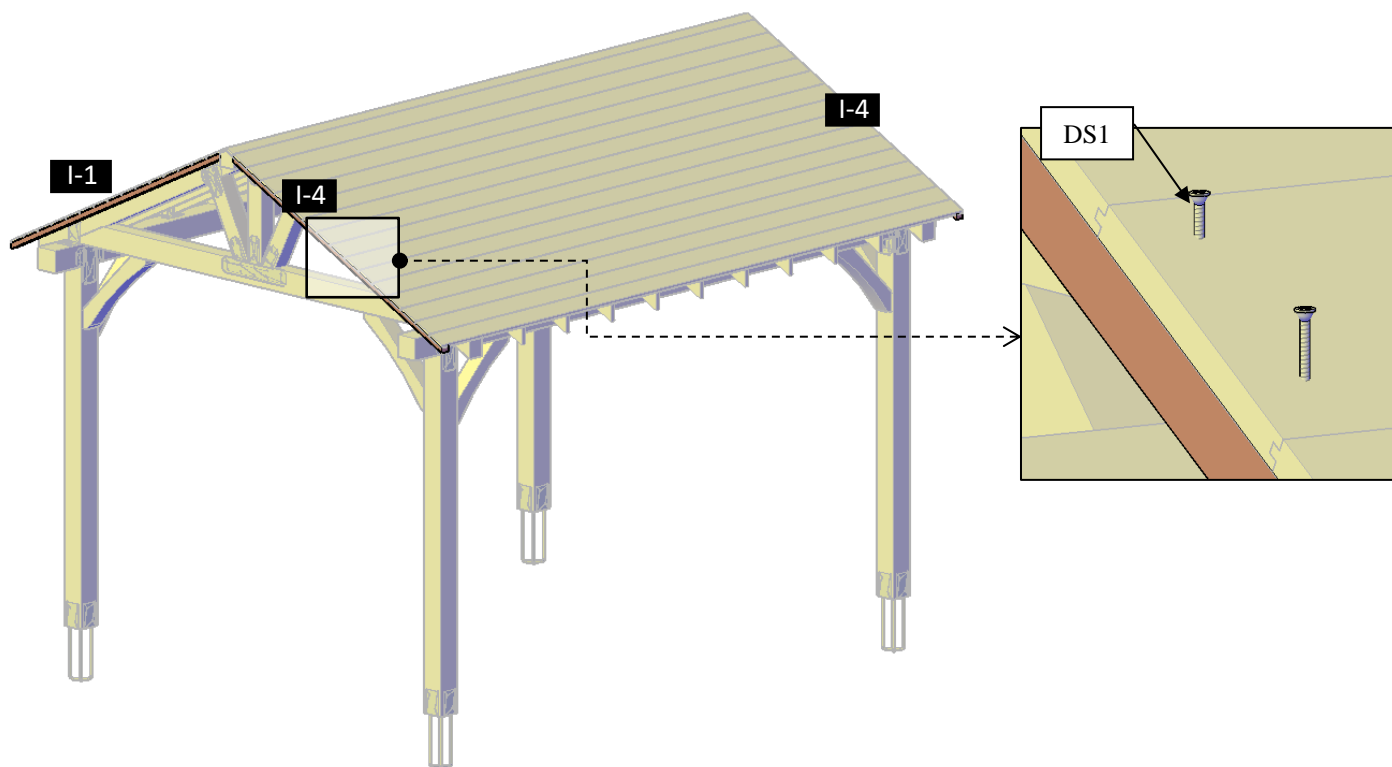
**Step 11:** Use 3/8" x 4" Lag Bolts (**LB5**) to attach the rafters (**9**) to the ridge beam (**6**) and to the supports with 2 1/2" deck screws (**DS1**). Check the marked on each rafter and place as drawings shown. (F-1 at F-18).



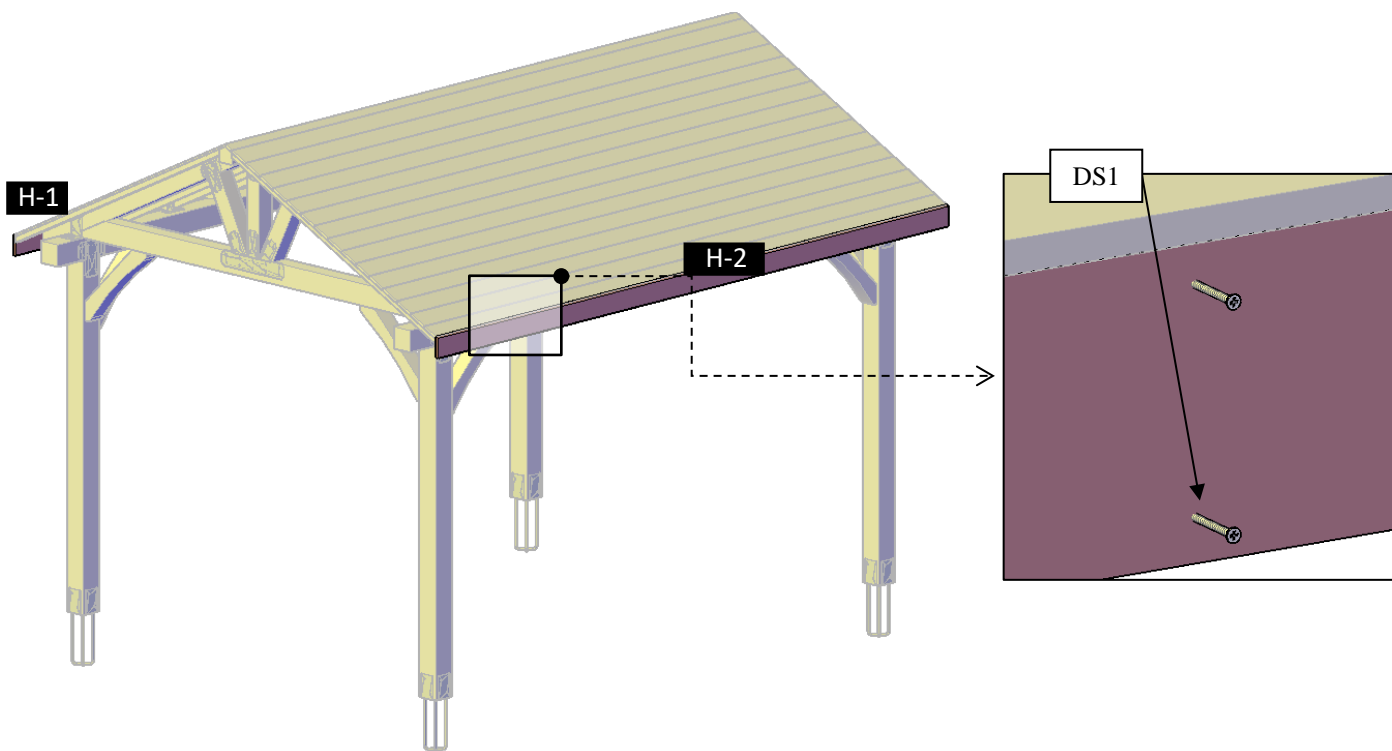
**Step 12:** Use 1 5/8" deck screws (**DS2**) to attach the roof boards (**10**) to the rafters and to the roof trusses. Put the boards from the bottom to the top. Check the marked on each roof board and place as drawings shown.



**Step 13:** Use 2 ½" deck screws (**DS1**) to attach the roof trims (**11**) to the roof boards. Check the marked on each roof trim and place as drawings shown.

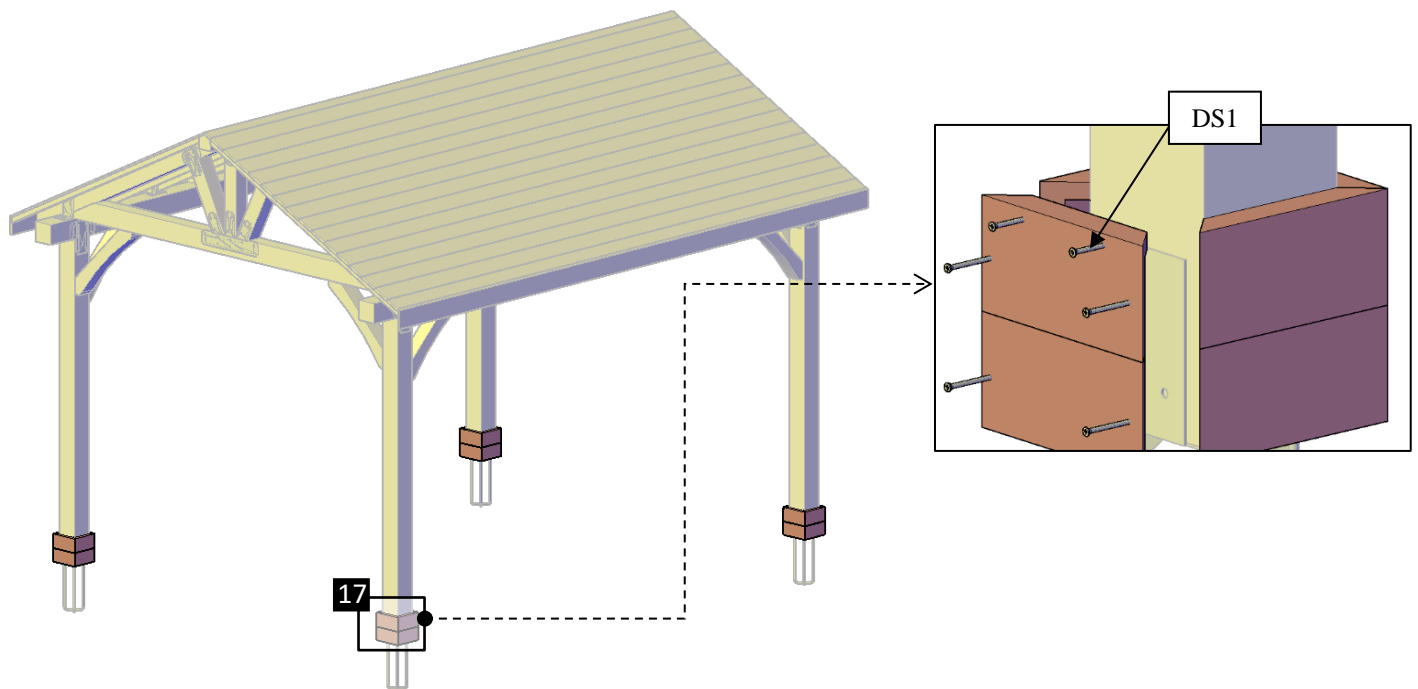


**Step 14:** Use 2 ½" deck screws (**DS1**) to attach the fascias (**12**) to the rafters. Check the marked on each fascias and place as drawings shown.





**Step 15:** Finally, attach the boots (17) to the post with 2 ½" deck screws (DS1).



*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.*