

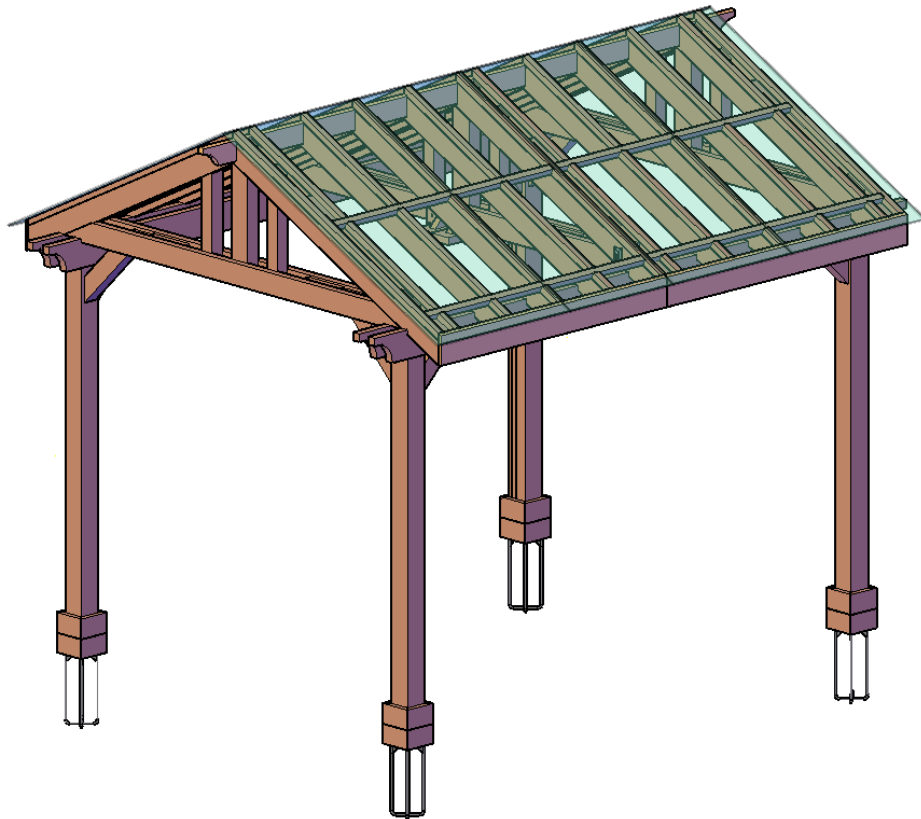


FOREVER REDWOOD


From the Forest, For the Forest since 1995

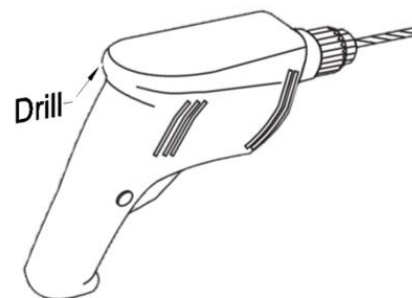
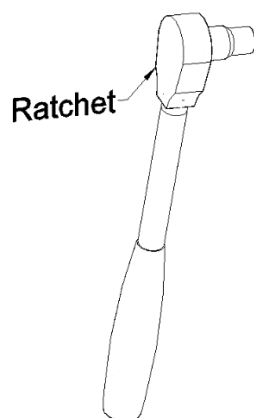
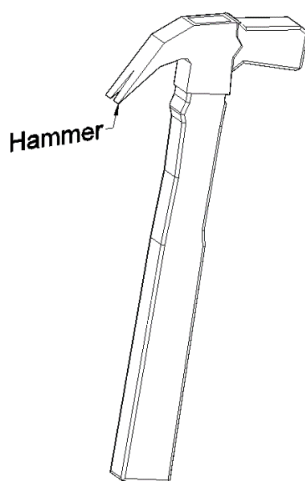
866.332.2403 (TOLL FREE) (707) 640.29.05 (Option 4) Direct Line for the Design Department; 7am – 7pm Pacific Time, Monday-Saturday

ASSEMBLY INSTRUCTIONS FOR THE THE ILLUMINATI PAVILION



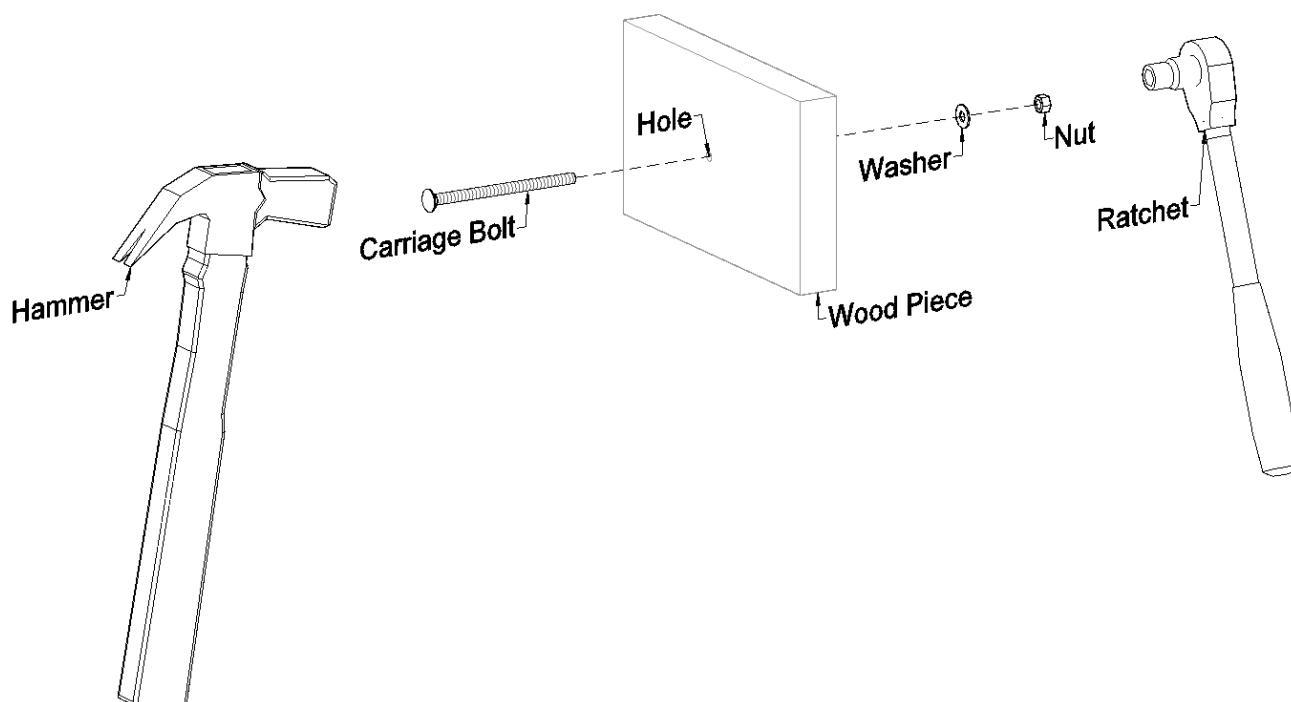
NOTE: Assembly is best done by two people. To assemble your product, you need a Hammer, a Ratch or a wrench and if required a Drill.





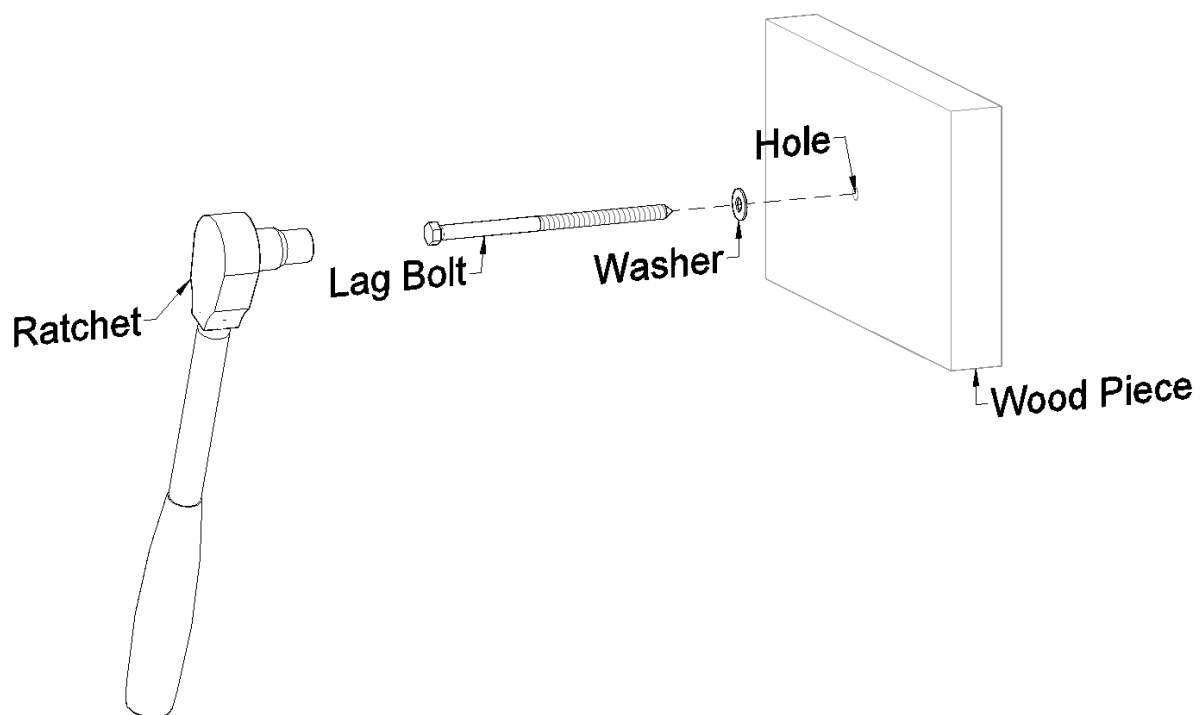
Required Tools (Are not included in your hardware packing).

PROCESS TO INSTALL THE HARDWARE PROVIDED.



To install the bolts.

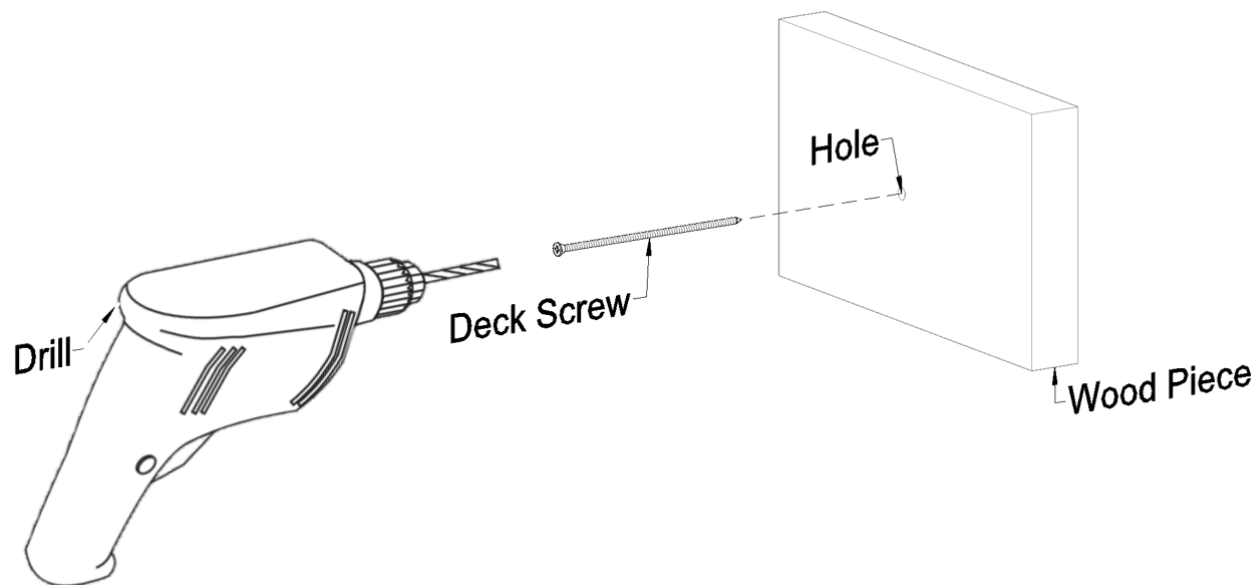
Insert the carriage bolts into the holes and lightly tap with a hammer until the square neck fit in the wood piece and the bolt head must flush with the wood piece. Finally, place the washer and the nut and carefully tighten it using a ratchet with the necessary socket or a wrench.



To install the lag bolts.




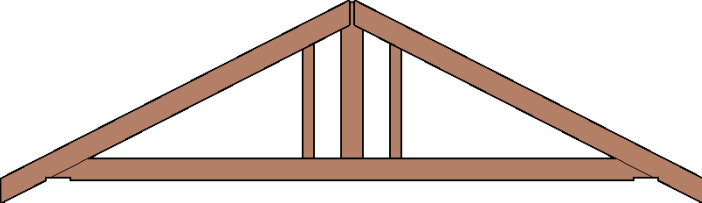






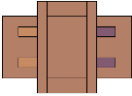
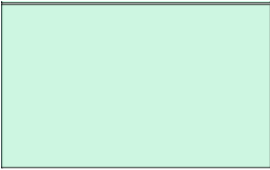





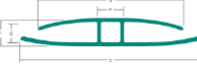
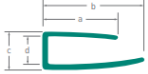
Place the washers in their lag bolts. After that, insert the lag bolts into the holes and carefully tighten it using a **ratchet** with the necessary **socket**.

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.

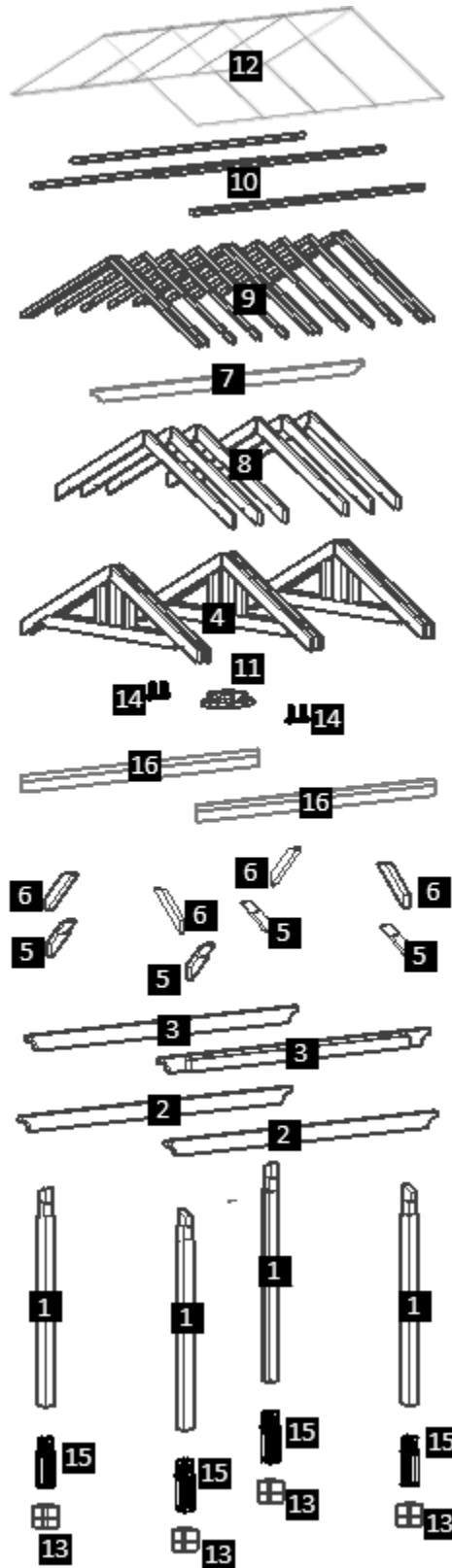
CONTENT OF BOXES			
Qty.	Description	Drawing	No.
4	Post		1
2	Support		2
2	Supports with in-between blocking		3
3	Roof trusses		4
4	Main knee braces		5
4	Secondary knee braces		6
1	Ridge beam		7
12	Rafters		8
24	Increase rafters		9
8	rafter reinforcement		10
1	Ceiling fan bases		11
2	polycarbonate		12
4	Boots		13
2	Metal plaques		14
4	High wind anchor bases		15
4	Fascias		16
1/1	Profile-H click		17
6	Profile-H		18
6	Profile-U		19

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.
24	5/16" X 3" lag bolts		LB1
12	3/8" x 3" lag bolts		LB2
12	5/16" x 6" lag bolts		LB3
24	3/8" X 7 1/2" bolts		BL1
8	3/8" x 9" bolts		BL2
2	3/8" X 11" bolts		BL3
185	3" deck screws		DS1
244	2" deck screws		DS2
200	Neoprene washers		NW

DESCRIPTION	No.
Post	1
Support	2
Supports with in-between blocking	3
Roof trusses	4
Main knee braces	5
Secondary knee braces	6
Ridge beam	7
Rafters	8
Increase rafters	9
rafter reinforcement	10
Ceiling fan bases	11
polycarbonate	12
Boots	13
Metal plaques	14
High wind anchor bases	15
Fascias	16
Profile-H click	17
Profile-H	18
Profile-U	19



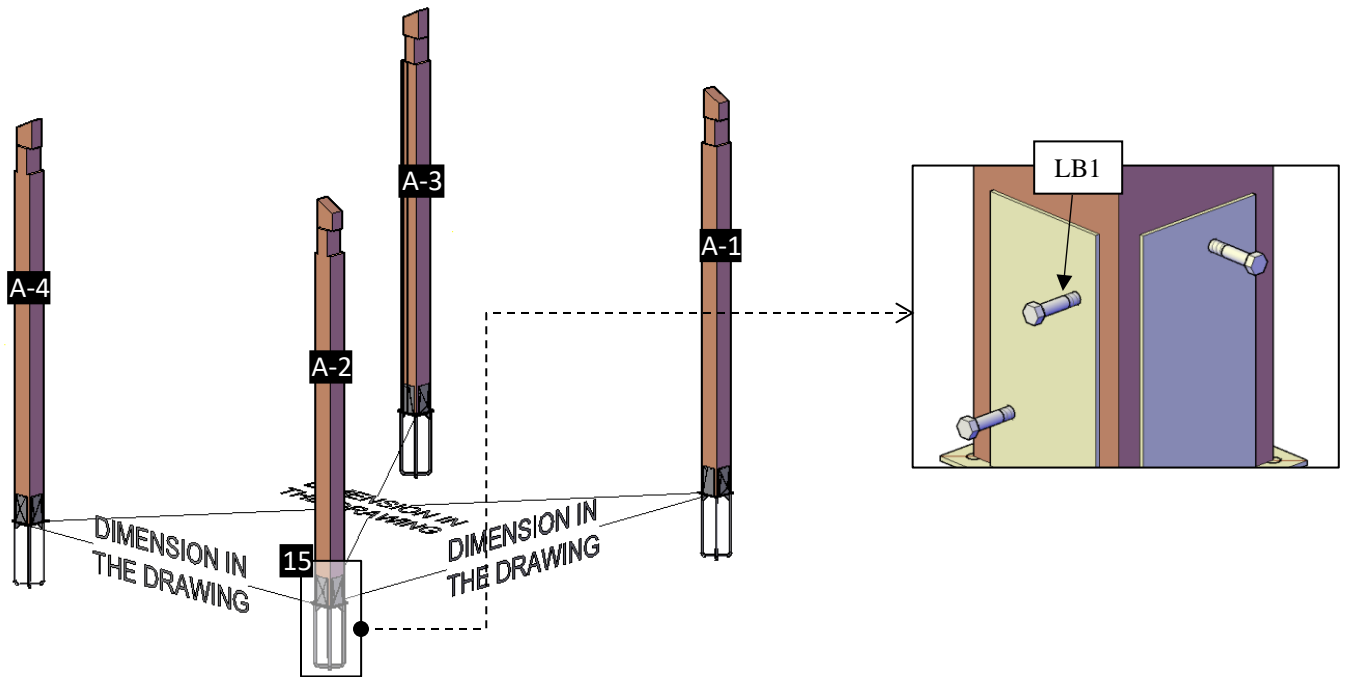


Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on the parts sent.

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”).

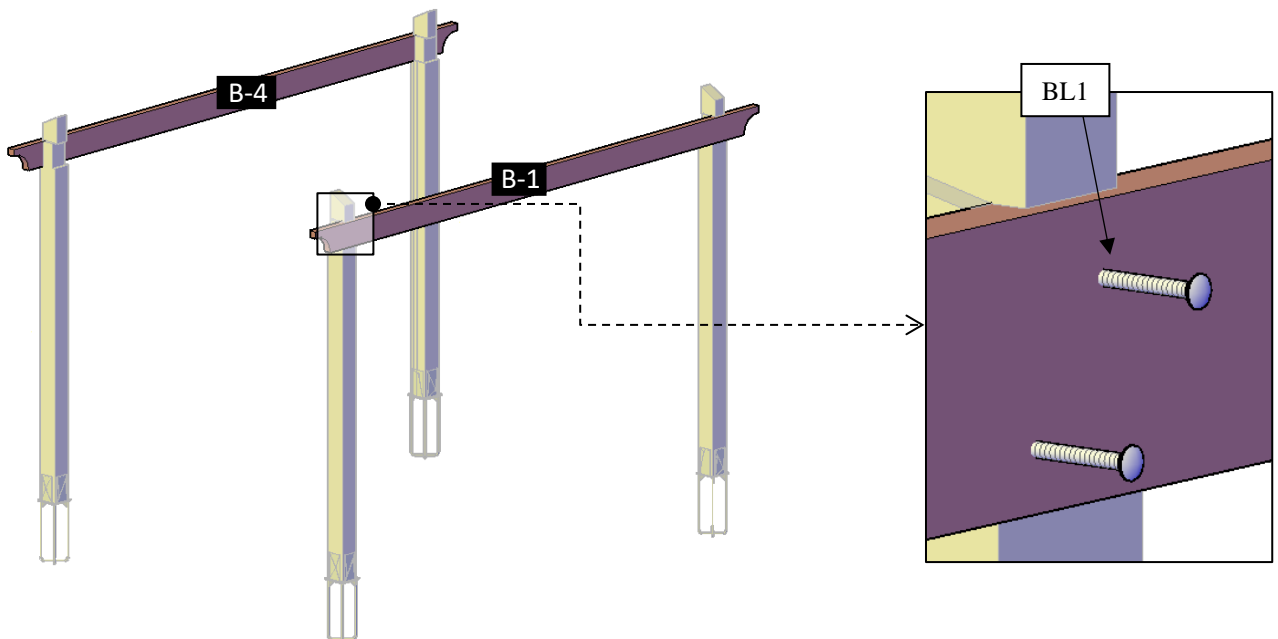
Note: Before install the anchor bases make sure that the ground is level using a carpenter's level or hydro-level (water level).

Step 1: Install the anchor bases (15). 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. (15).



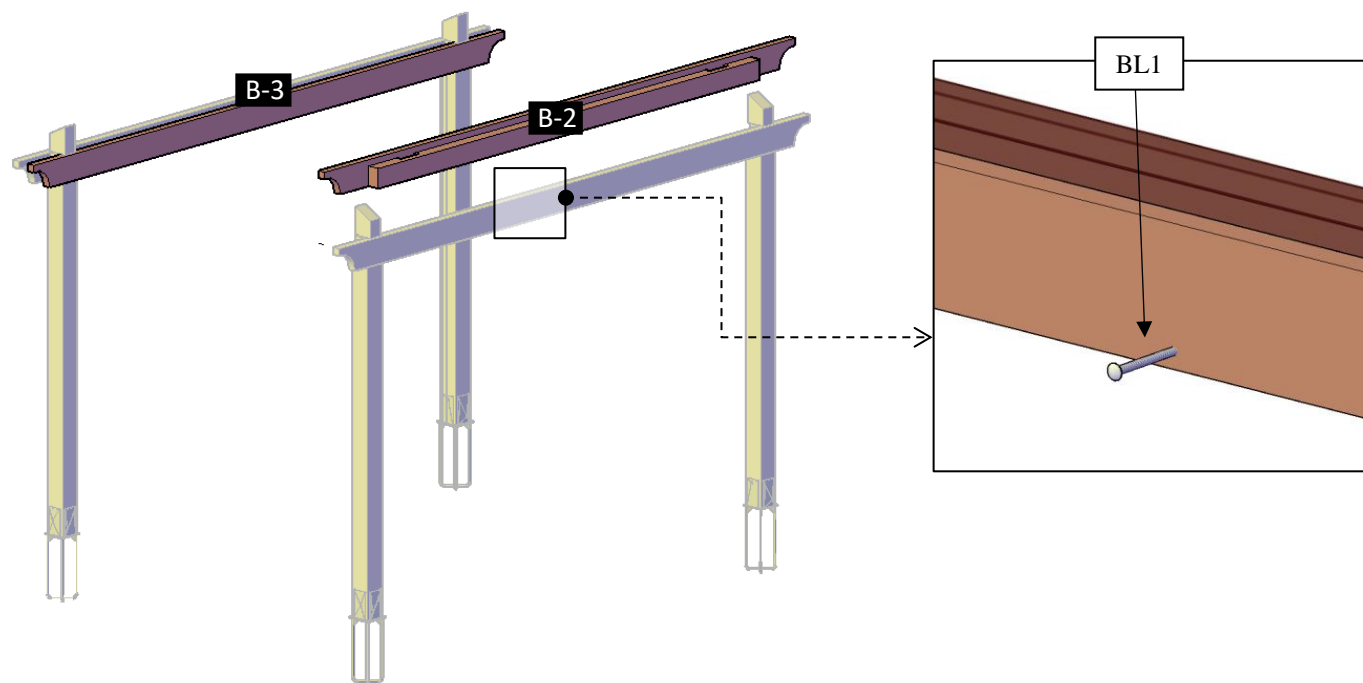
Step 2: Use 3/8” X 7 1/2” bolts (BL1) with washer and nuts to attach the single supports (2) to the posts. Check the marked on each support and place as drawings shown.

Note: Don’t completely tighten yet the bolts – you will need the install the supports with in between blocking first.

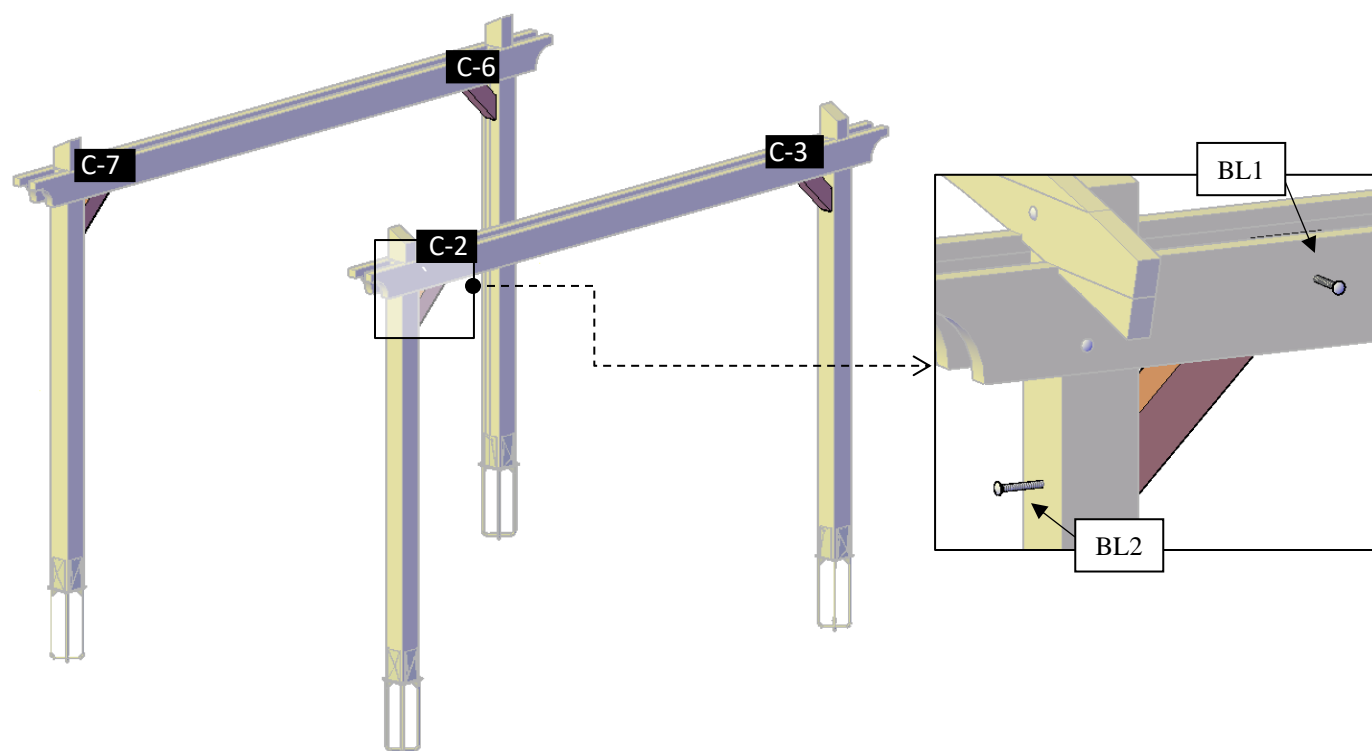


Step 3: Attach the single supports to the supports with in-between blocking (3), use 3/8" X 7 1/2" bolts (**BL1**) with washer and nuts. After that, return to the bolts described in the step 3 and tighten fully. Check the marked on each support with in-between blocking and place as drawings shown.

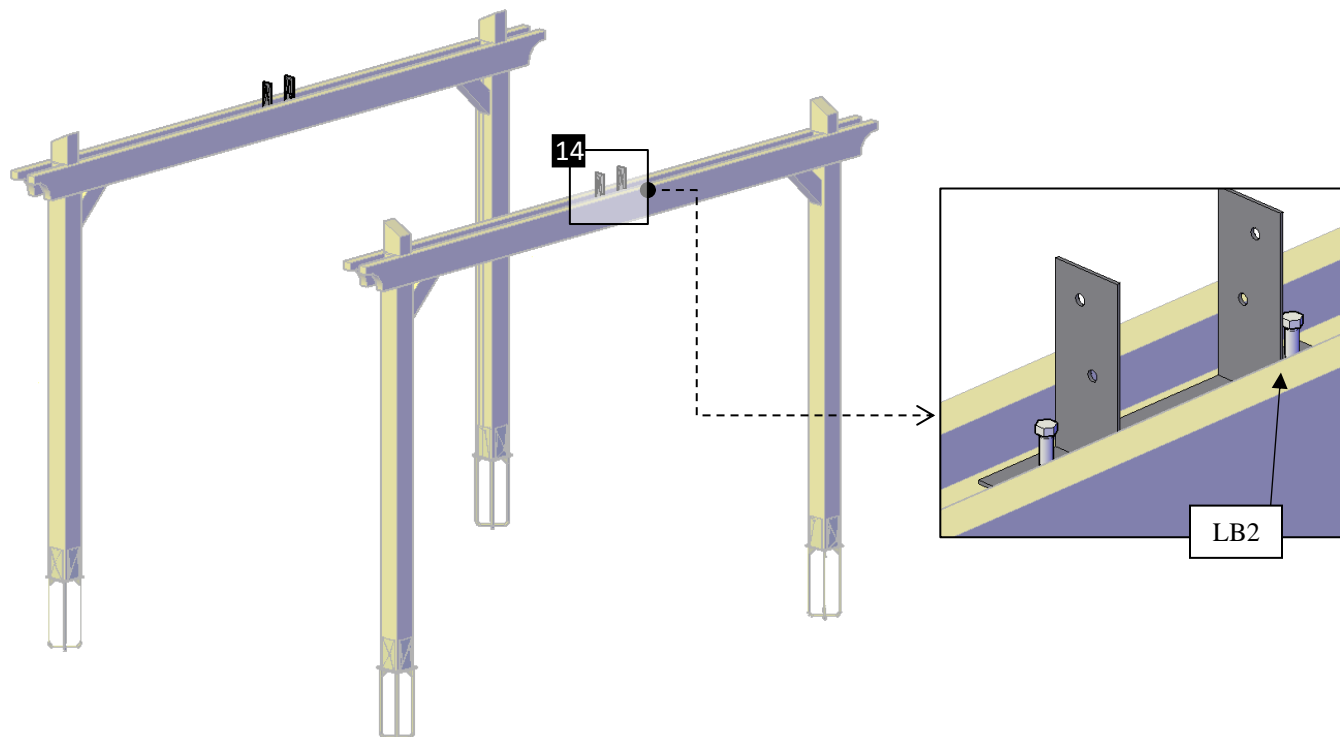
Note: put silicone in joints of the supports with in-between blocking.



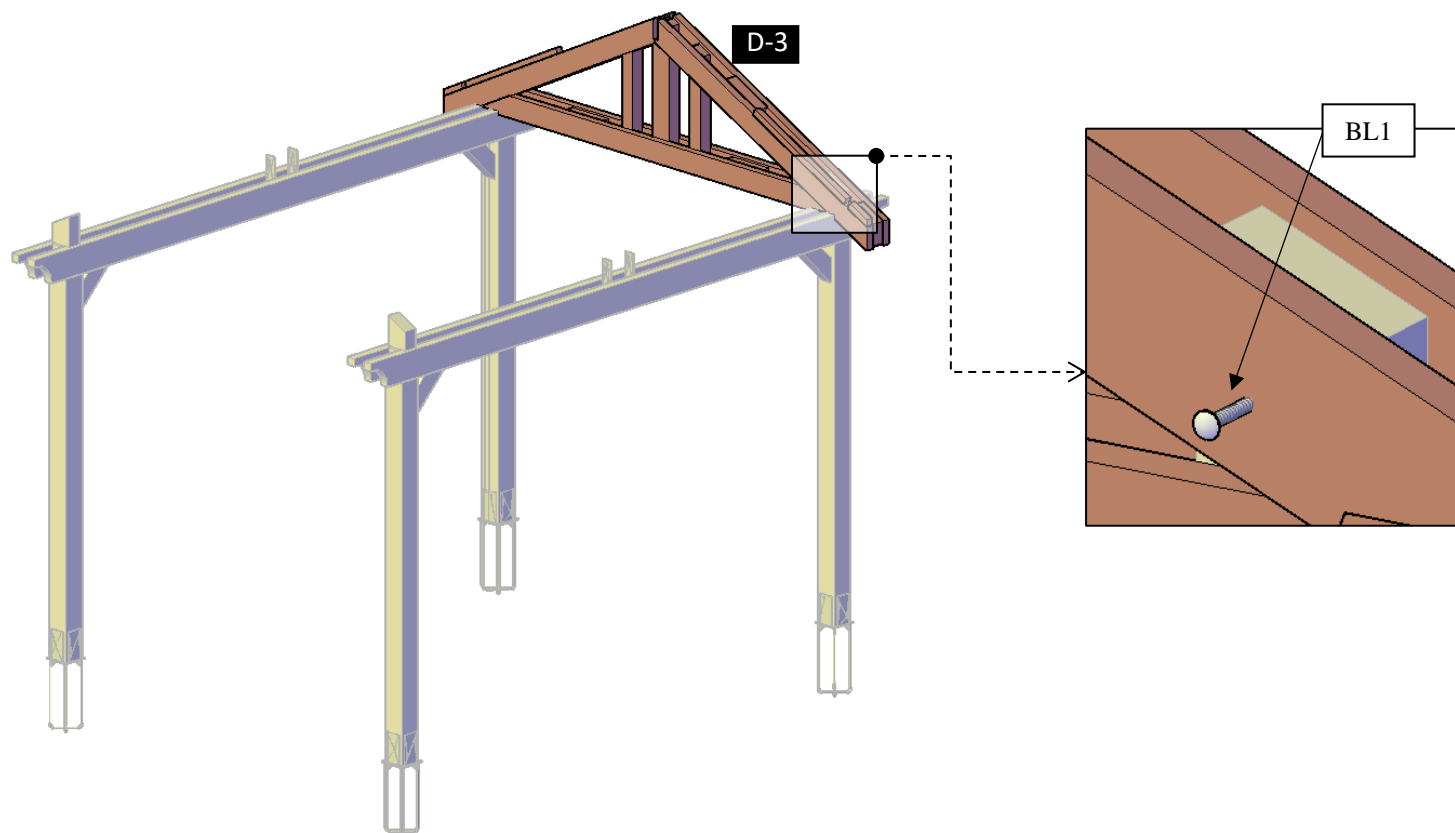
Step 4: Attach the main knee braces (5) to the supports with 3/8" X 7 1/2" bolts (**BL1**) with washer and nuts and to the posts with 3/8" x 9" bolts (**BL2**). Check the marked on each main knee brace and place as drawings shown.



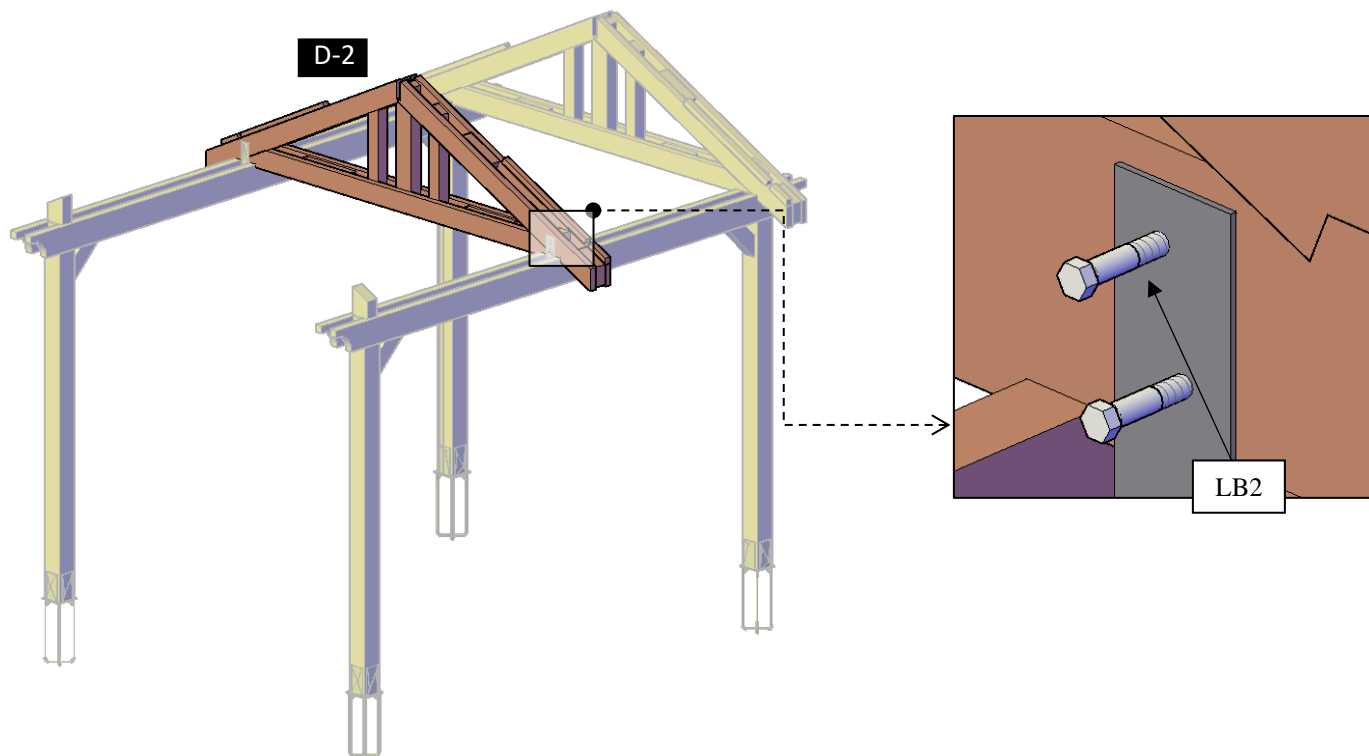
Step 5: Attach the metal plaques (14) to the supports with 3/8" x 3" lag bolts (LB2).



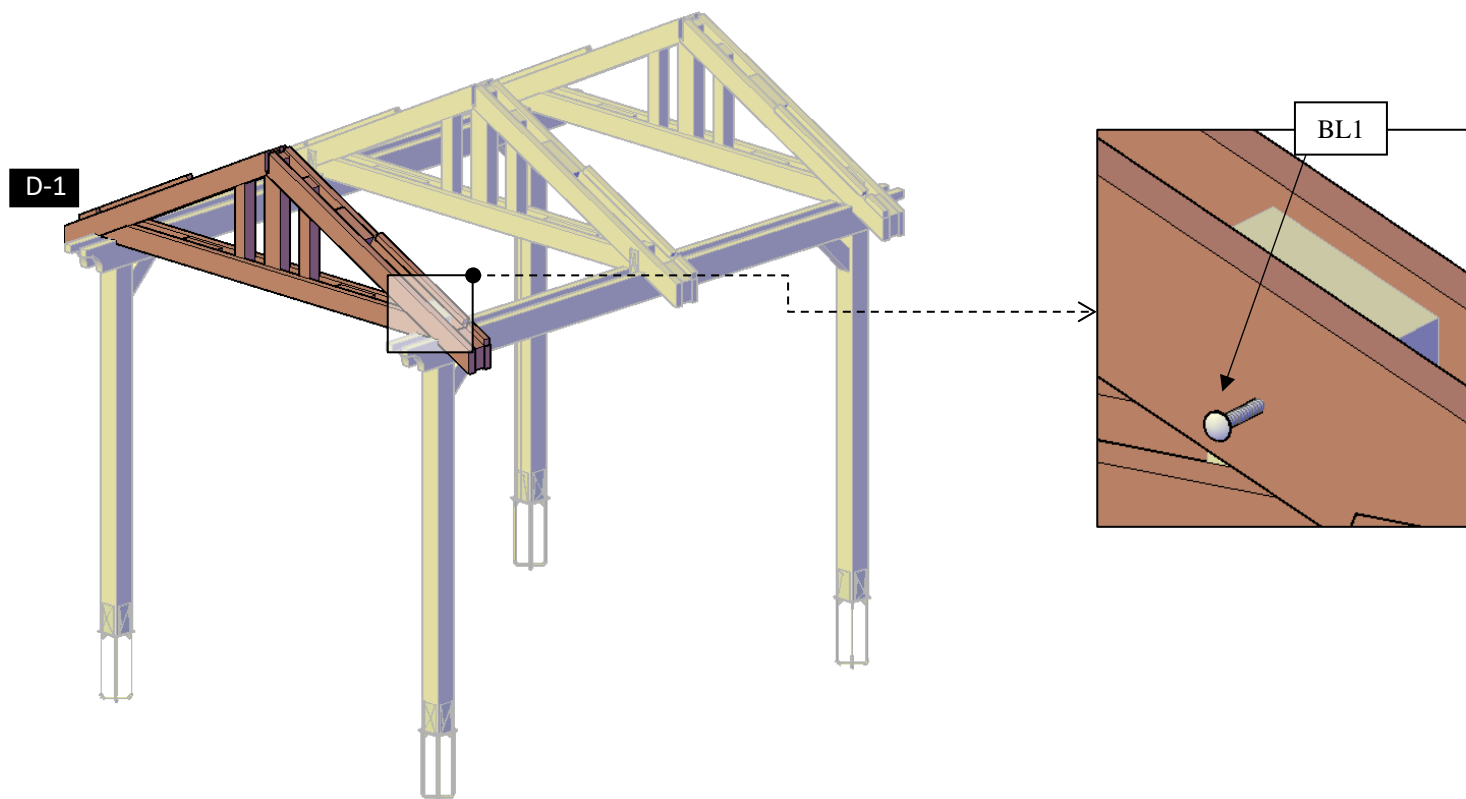
Step 6: Attach the perimeter Roof Trusses (4) to the posts with 3/8" X 7 1/2" bolts (BL1) with washer and nuts. Check the marked numbers on each roof truss and place as drawings shown.



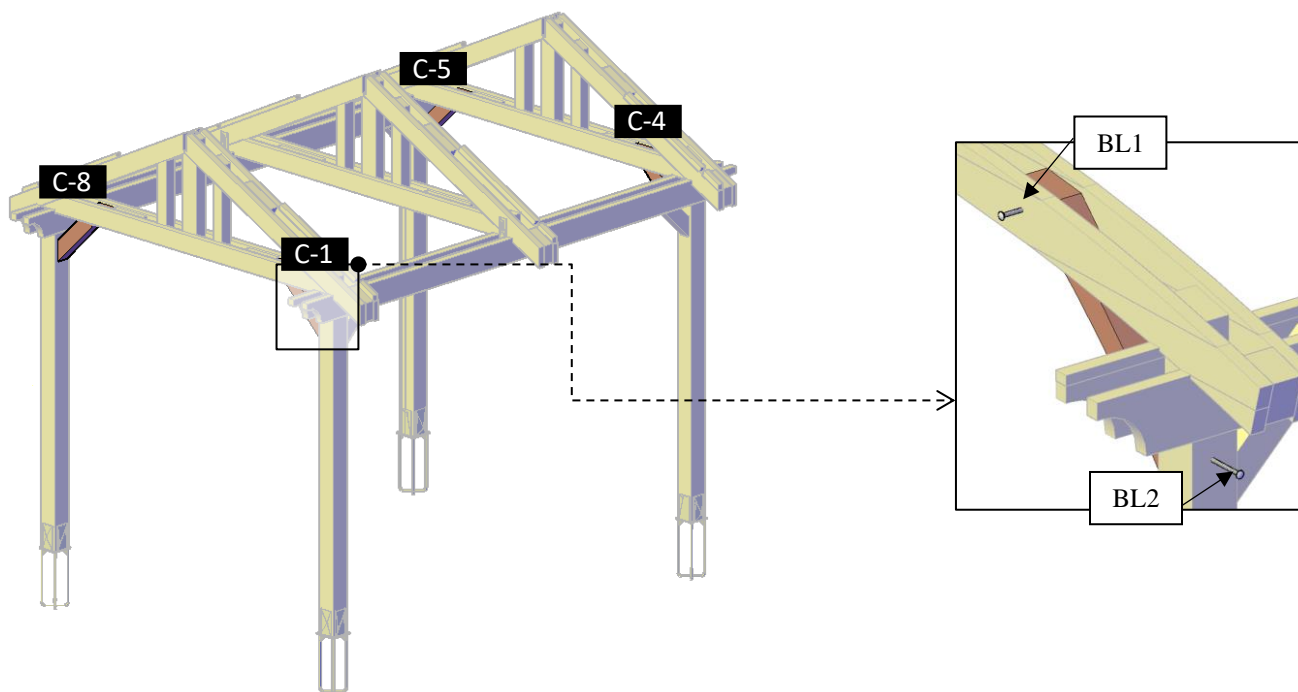
Step 7: Attach the roof trusses (4) to the metal plaques (15) with 3/8" x 3" lag bolts (LB2). Check the marked numbers on each roof truss and place as drawings shown.



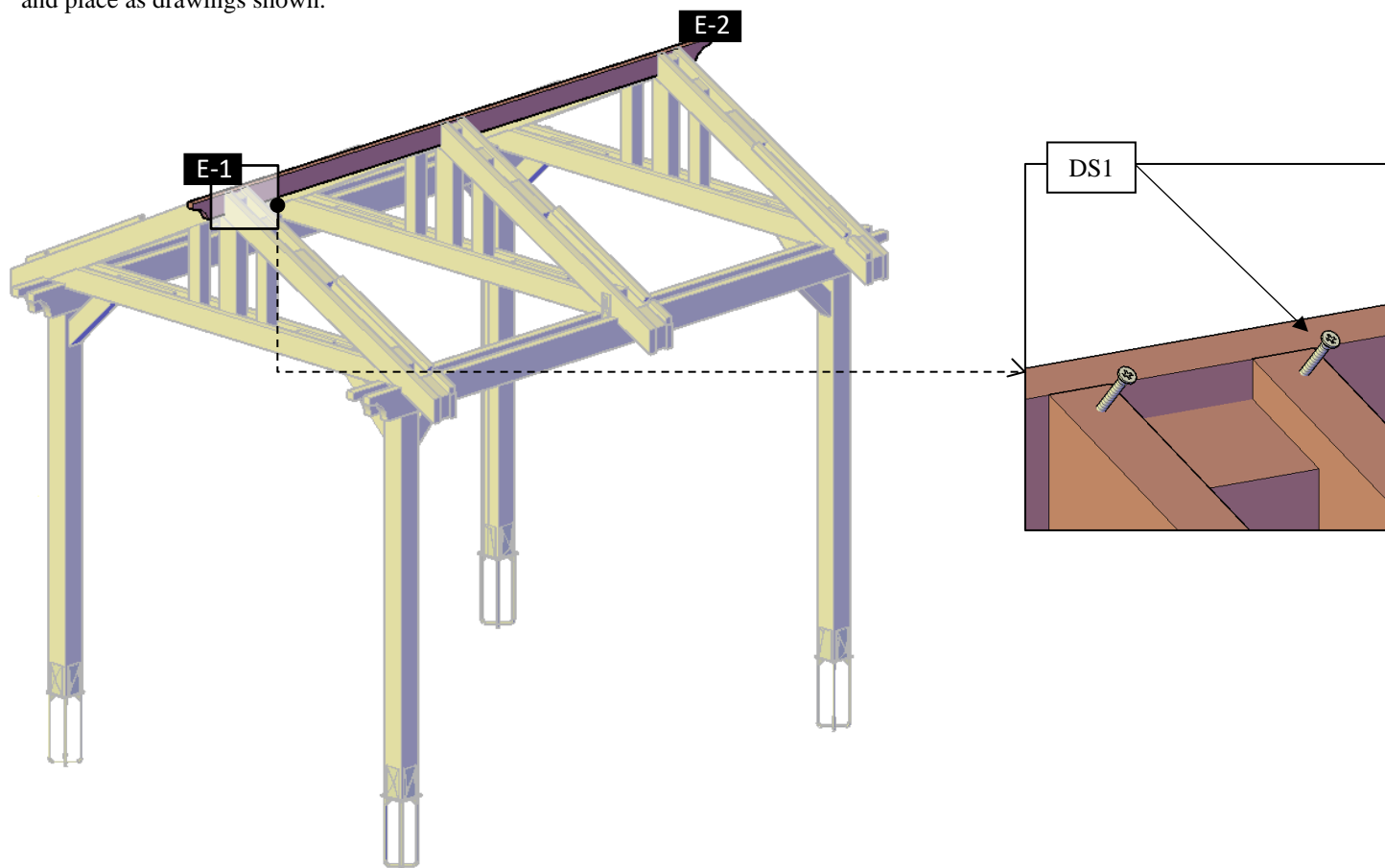
Step 8: Attach the perimeter Roof Trusses (4) to the posts with 3/8" X 7 1/2" bolts (BL1) with washer and nuts. Check the marked numbers on each roof truss and place as drawings shown.



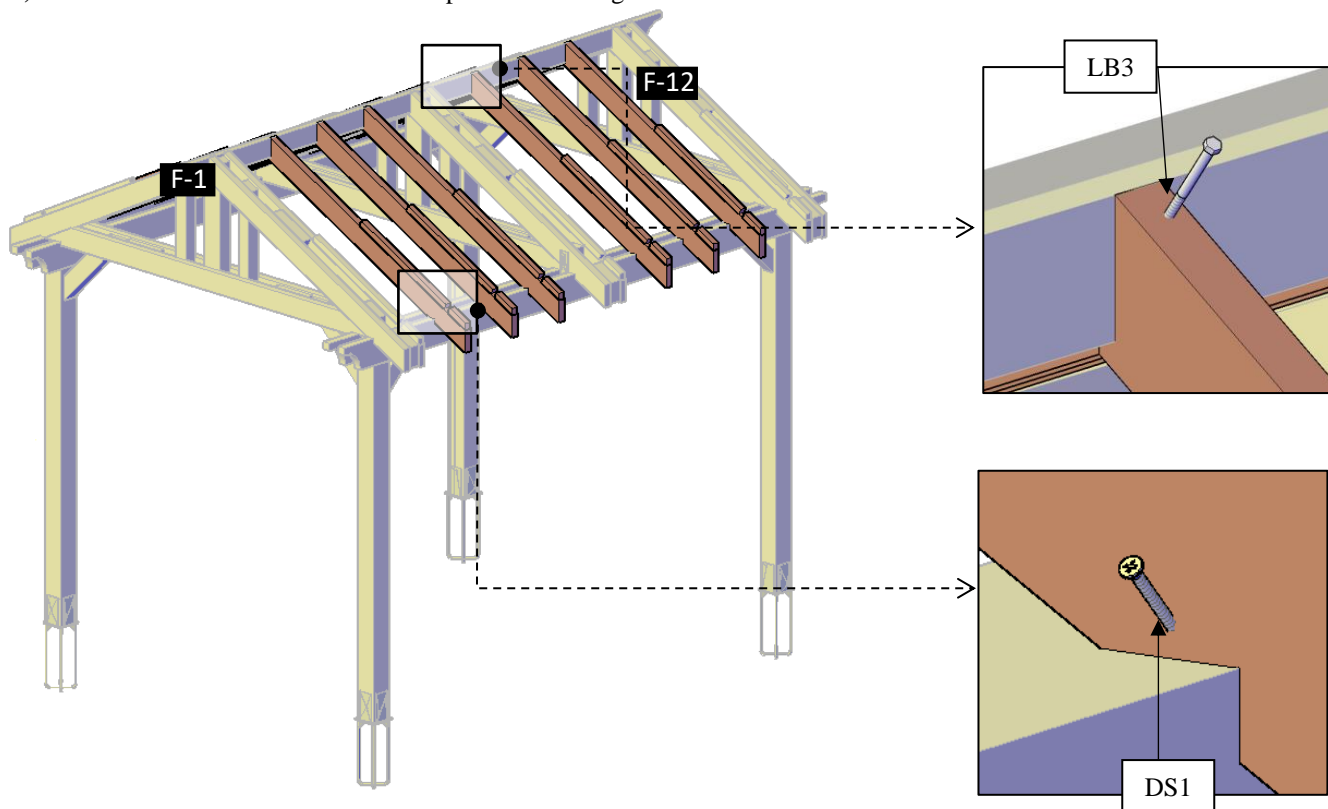
Step 9: Attach the Secondary knee braces (6) to the roof trusses (4) with 3/8" X 7 1/2" bolts (BL1) with washer and nuts and to the posts with 3/8" x 9" bolts (BL2). Check the marked on each secondary knee brace and place as drawings shown.



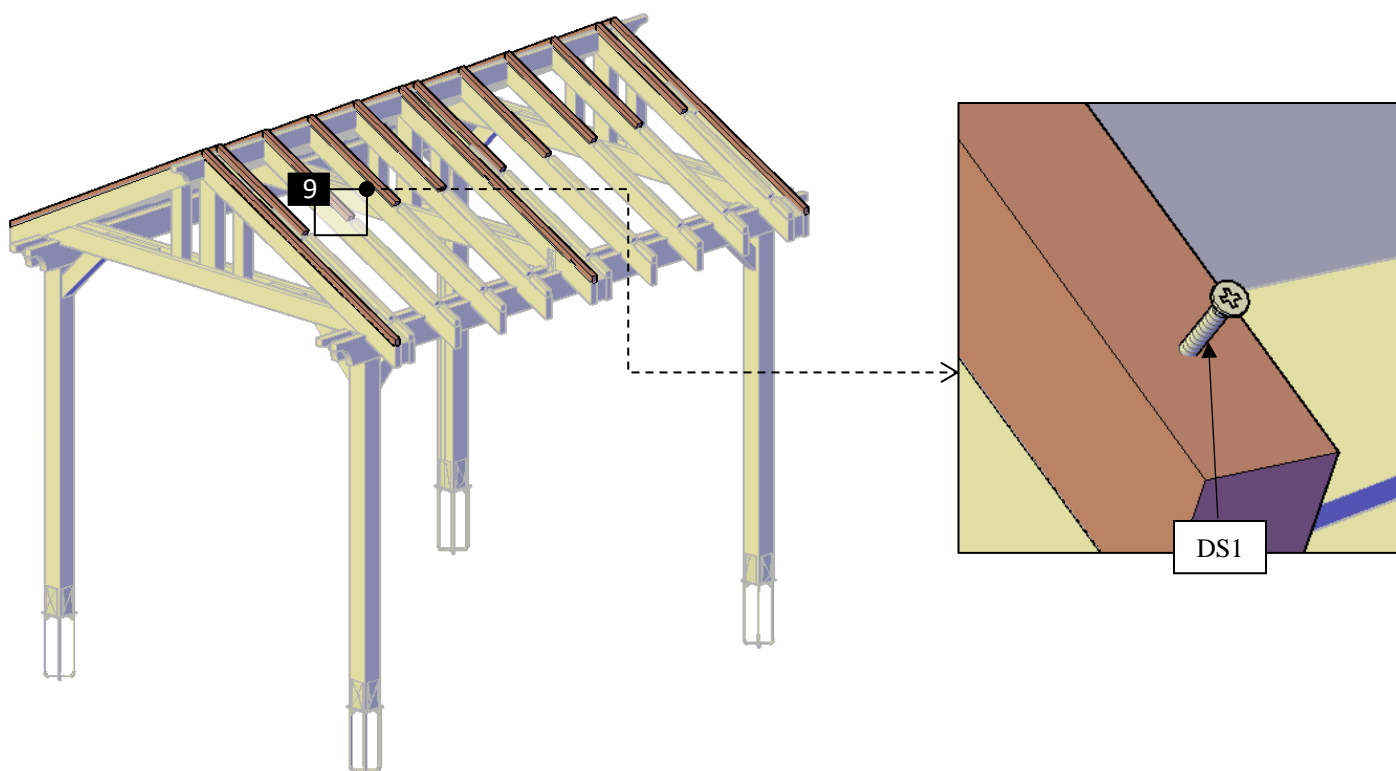
Step 10: Attach the ridge beam (7) to the roof trusses (4) with 3" deck screws (DS1). Check the marked on each ridge beam and place as drawings shown.



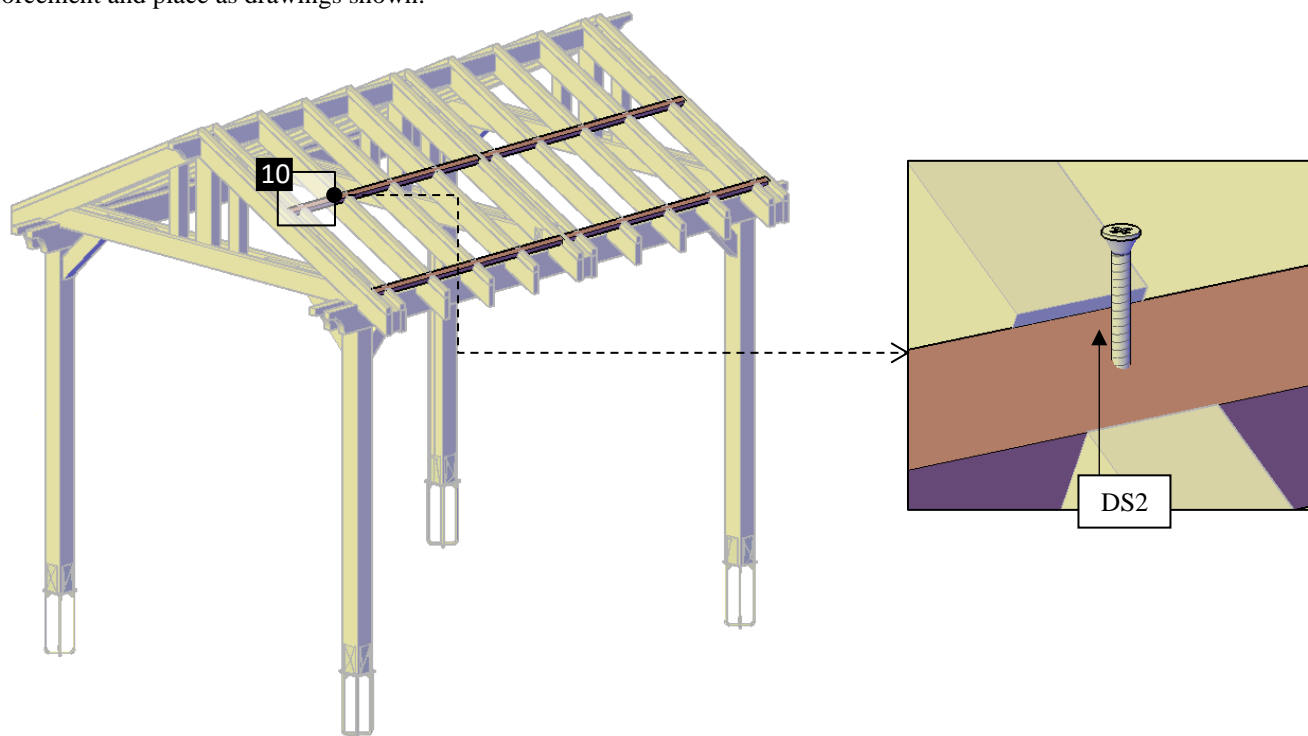
Step 11: Use 5/16" x 6" lag bolts (**LB3**) to attach the rafters (**8**) to the ridge beam (**7**) and to the supports with 3" deck screws (**DS2**). Check the marked on each rafter and place as drawings shown.



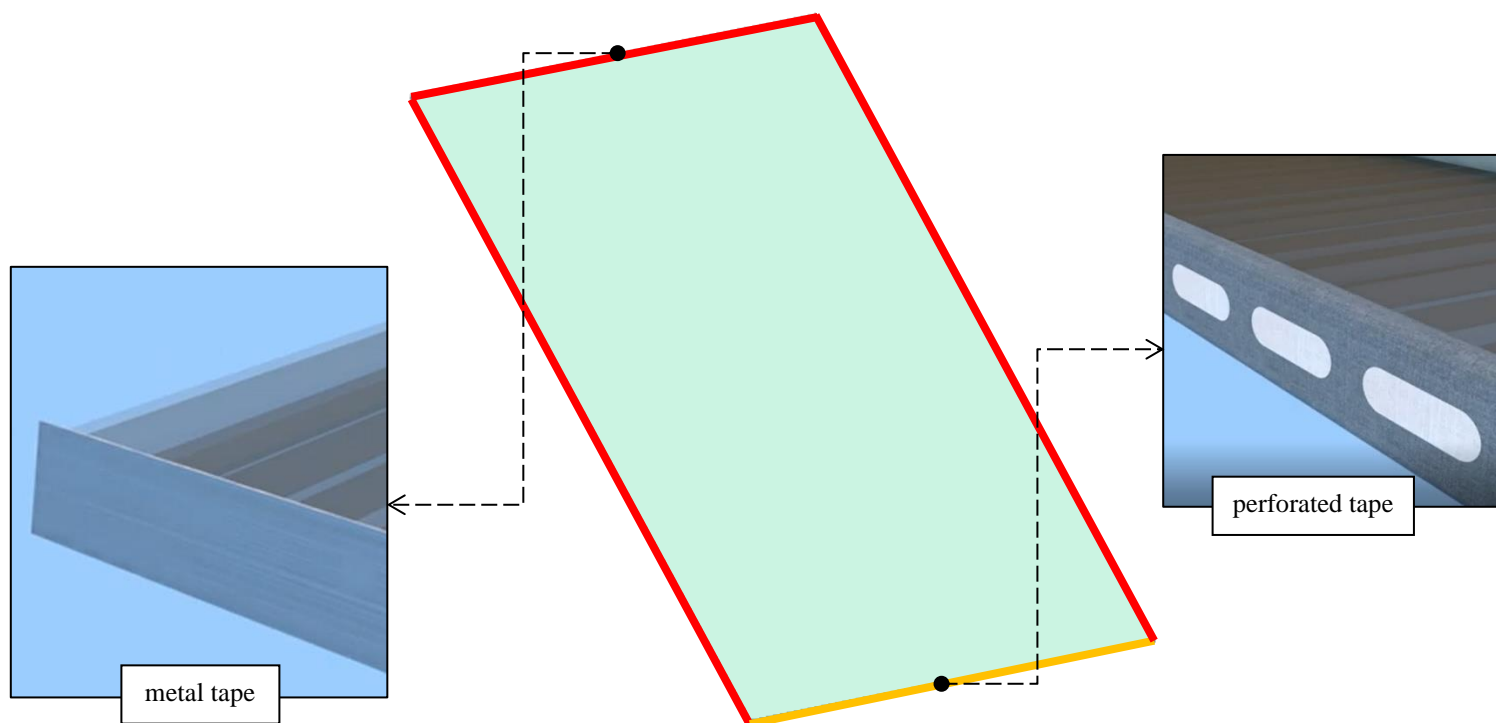
Step 12: Use 3" deck screws (**DS1**) to attach the increase rafter (**9**) to the rafter (**8**) and to the roof trusses (**4**). Check the marked on each increase rafter and place as drawings shown.



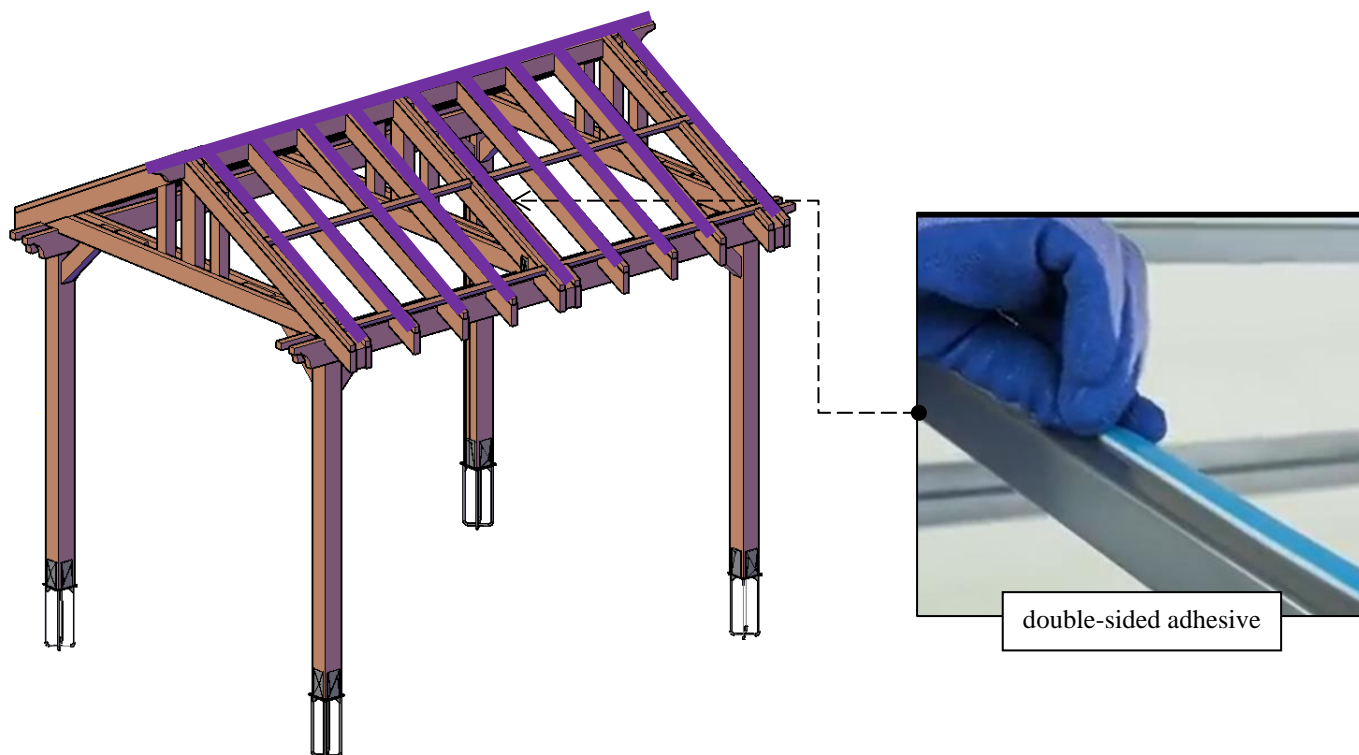
Step 13: Attach the rafter reinforcement (10) to the rafters (8) with 2" deck screws (DS2). Check the marked on each rafter reinforcement and place as drawings shown.



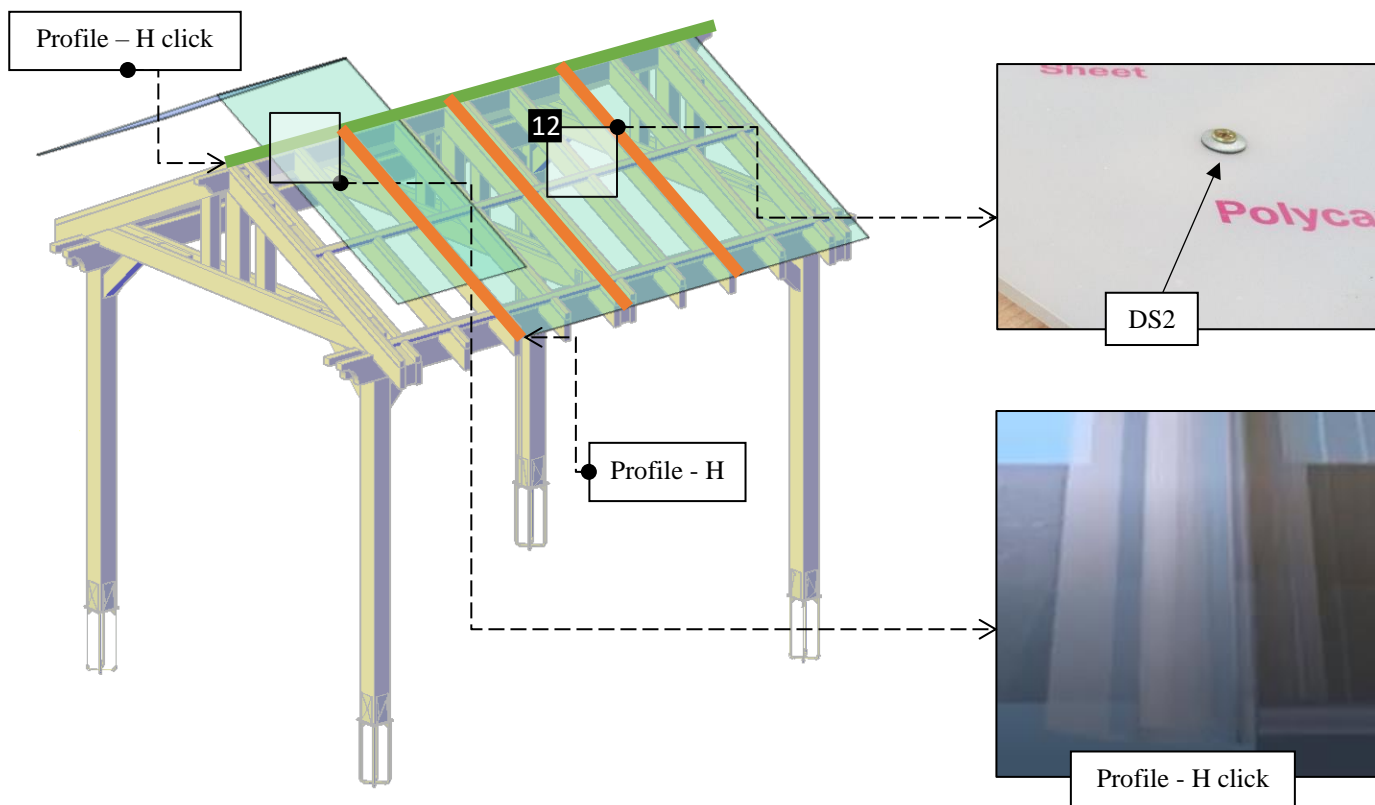
Step 14: Put metal tape 48mm x 50m on the polycarbonate exterior sides and the perforated tape on the interior side.



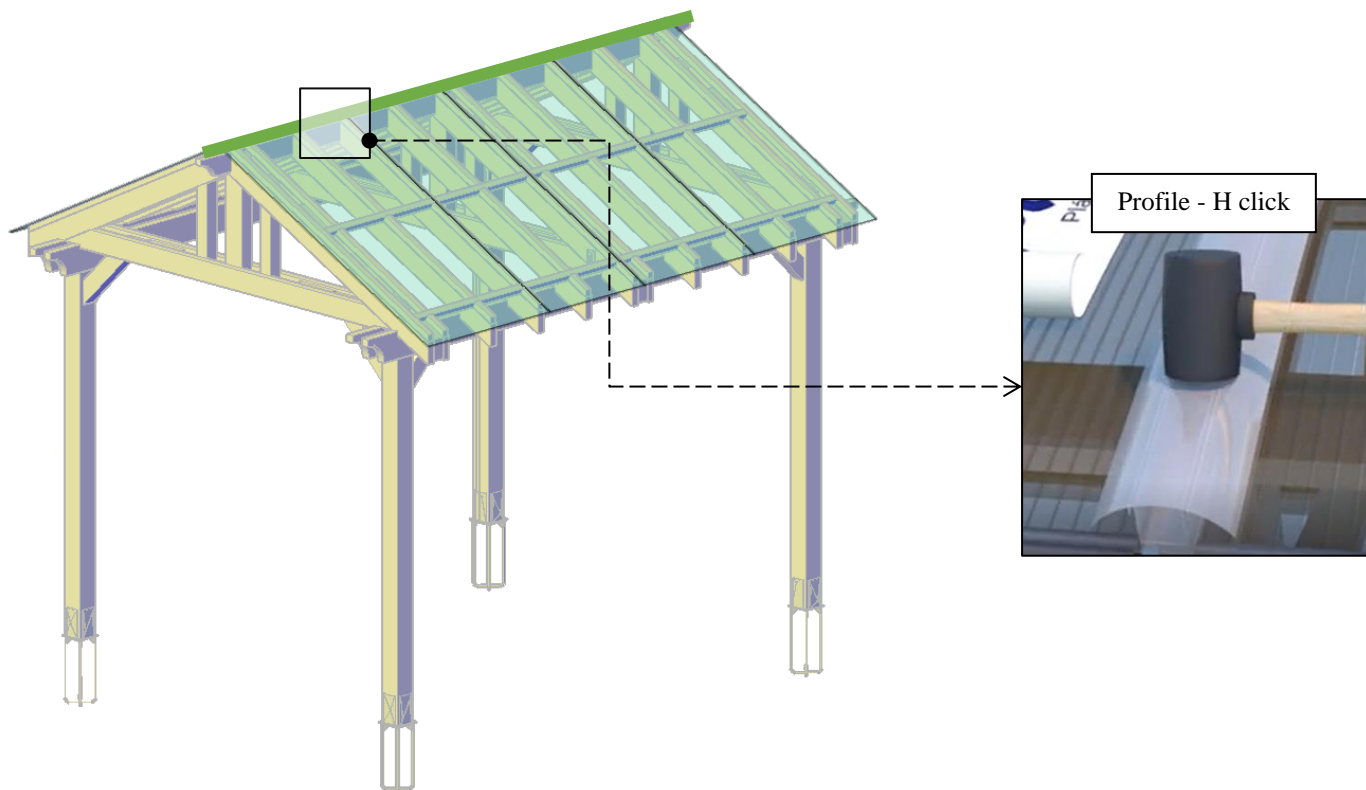
Step 15: Put double-sided adhesive tape on the top of the rafters and to the ridge beam.



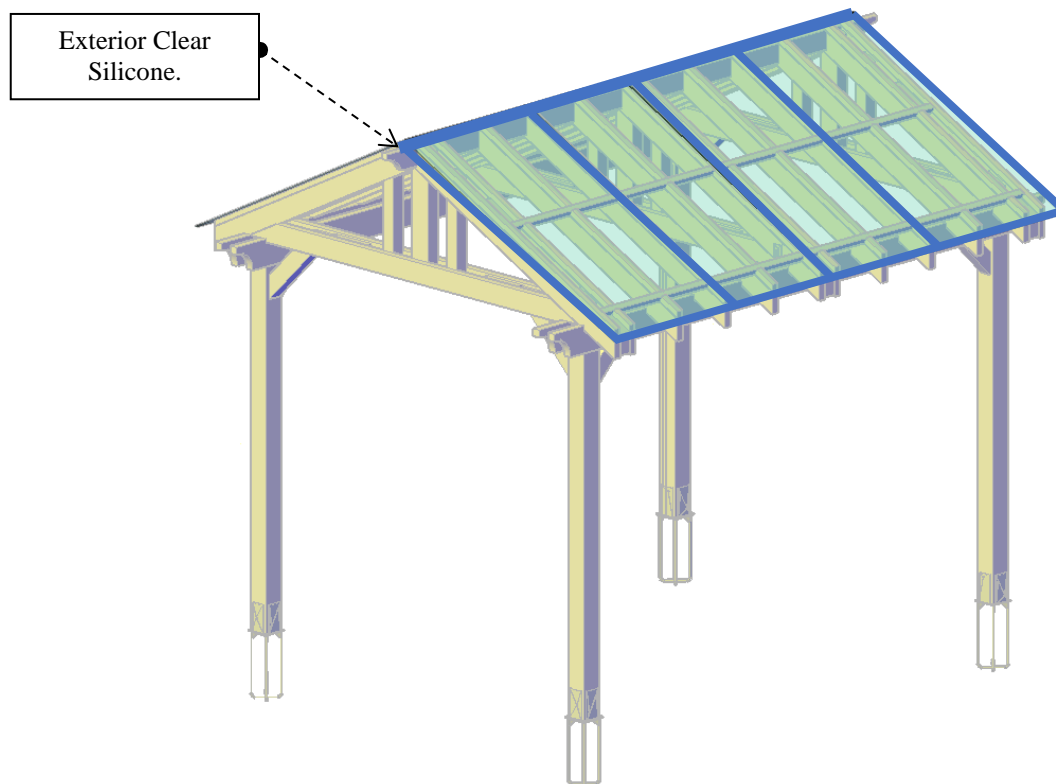
Step 16: use 2" deck screws (DS3) with neoprene washers to attach the polycarbonate (12) to the rafter. After that, attach the Profile-H and Profile - H click to the rafters and to the ridge beam (12) with 2" deck screws (DS3). Check the marked numbers on each polycarbonate and place as drawings shown.



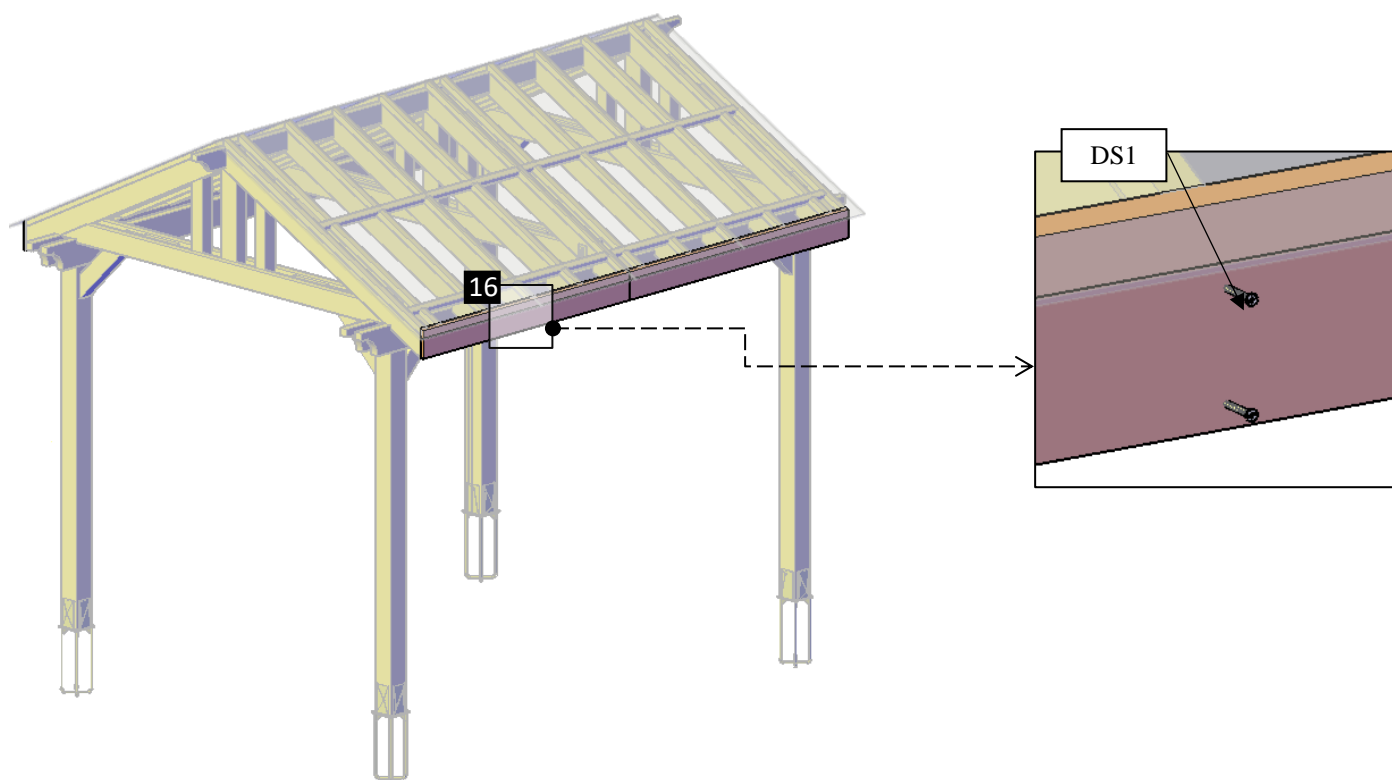
Step 17: use a rubber hammer to place the second part of the profile-H click.



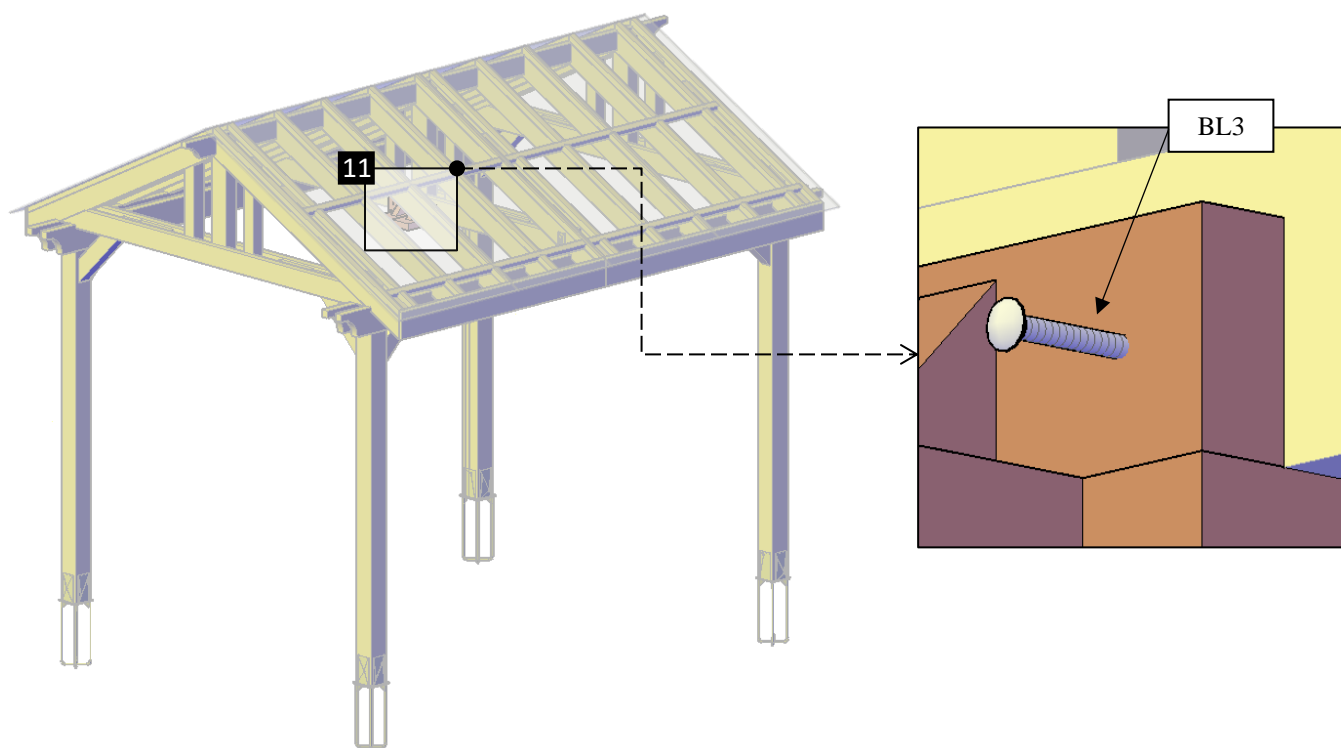
Step 18: Put exterior clear silicone on the polycarbonate joints.



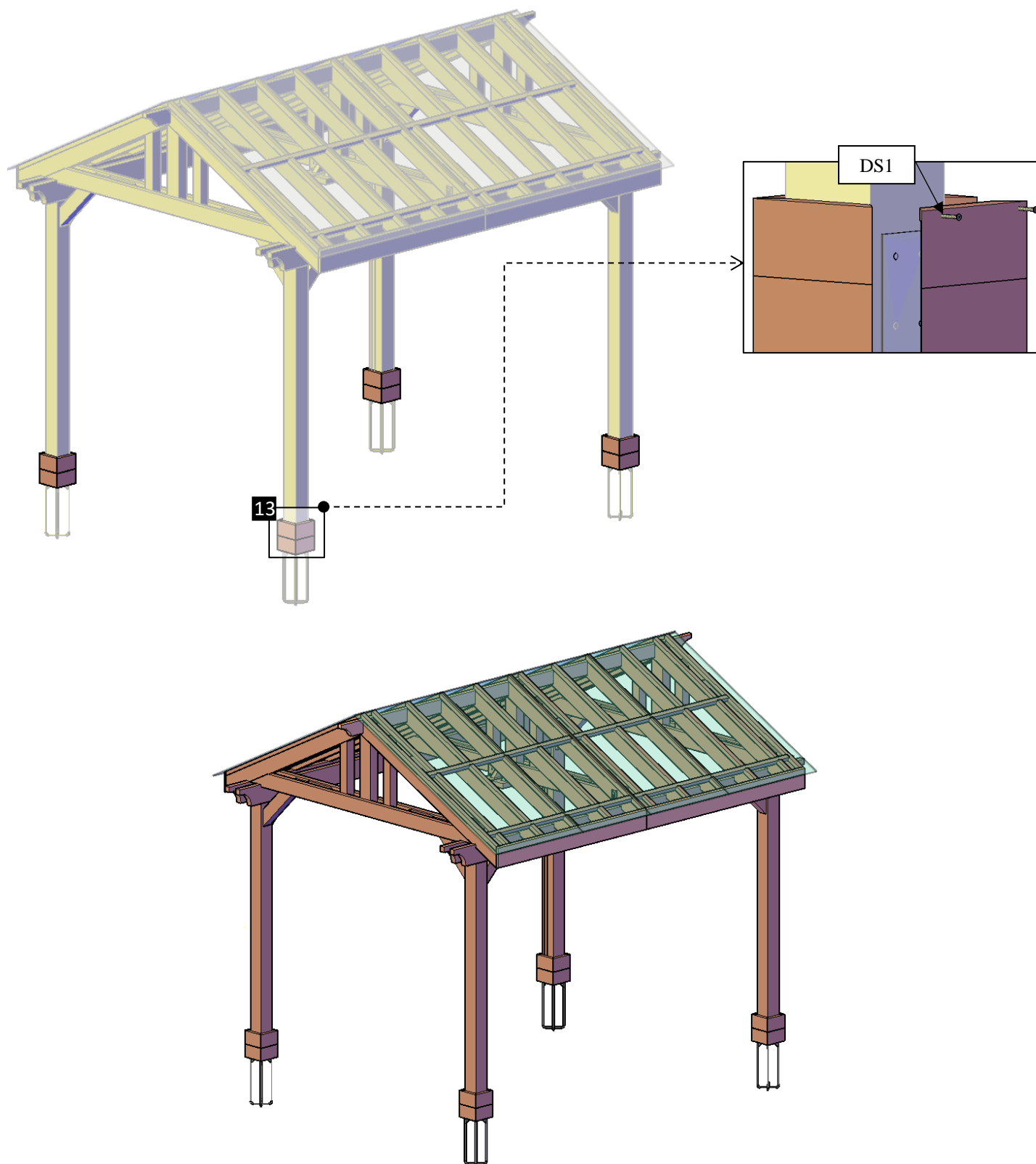
Step 19: Attach the fascias (16) to the rafters and roof trusses with 3" deck screws (DS1). Check the marked numbers on each fascia and place as drawings shown.



Step 20: Attach ceiling fan bases (11) to the roof trusses (4) with 3/8" X 11" bolts (BL3). Check the marked numbers on each ceiling fan and place as drawings shown.



Step 21: Finally, attach the boots (13) to the posts with 3" deck screws (DS1).



This completes the Pergola 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.