

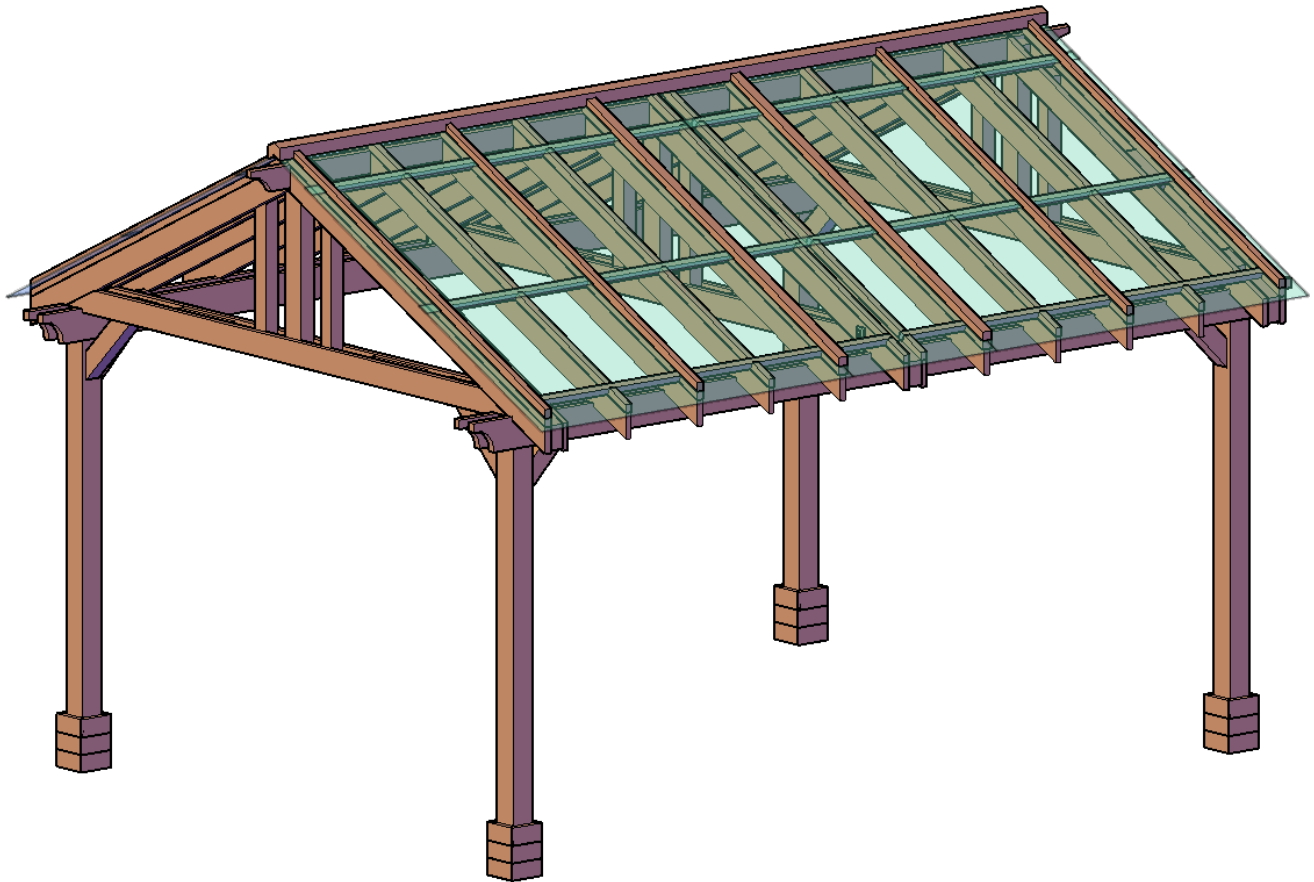





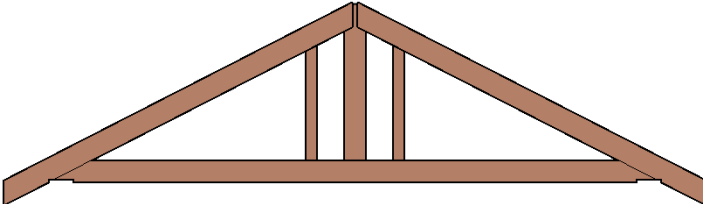








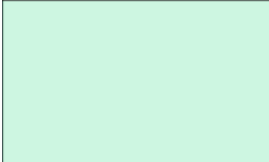


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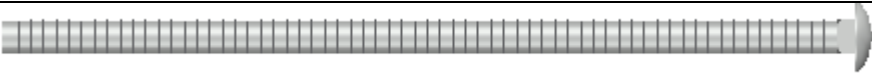





866.332.2403 (TOLL FREE) (707) 640.29.05 (Option 4) Direct Line for the Design Department; 7am – 7pm Pacific Time, Monday-Saturday

ASSEMBLY INSTRUCTIONS FOR THE ILLUMINATI PORCH PAVILION



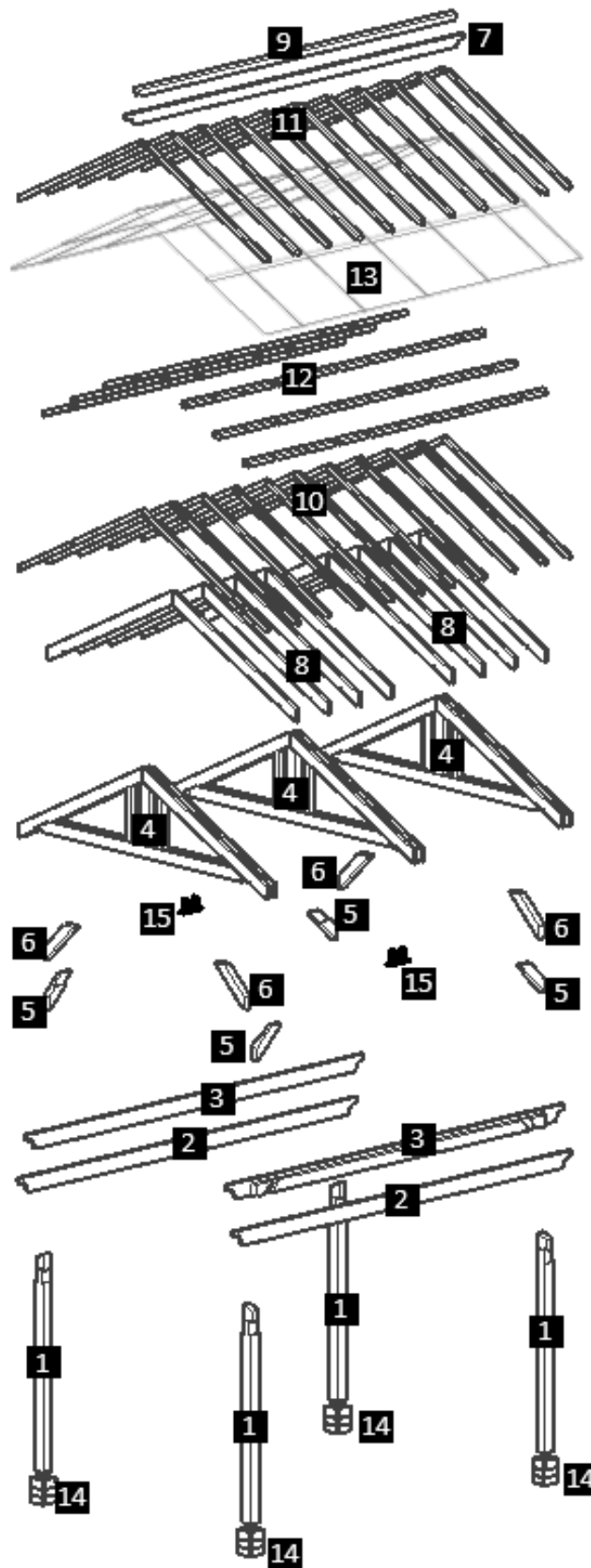
CONTENT OF BOXES		
Description	Drawing	No.
Post		1
Support		2
Supports with in-between blocking		3
Roof trusses		4
Main knee braces		5
Secondary knee braces		6
Ridge beam		7
Rafters		8
Ridge beam cover top		9
Canal		10
Canal cover top		11
rafter reinforcement		12
polycarbonate		13
Boots		14
Metal plaques		15
High wind anchor bases		16

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.
3/8" X 3" lag bolts		LB1
3/8" X 6 1/2" bolts		BL1
3/8" X 10" bolts		BL2
2 1/2" deck screws		DS1
3" deck screws		DS2
1 1/4" deck screws		DS3
6" deck screws		DS4
4" deck screws		DS5

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

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
Ridge beam cover top	9
Canal	10
Canal cover top	11
rafter reinforcement	12
polycarbonate	13
Boots	14
Metal plaques	15
High wind anchor bases	16

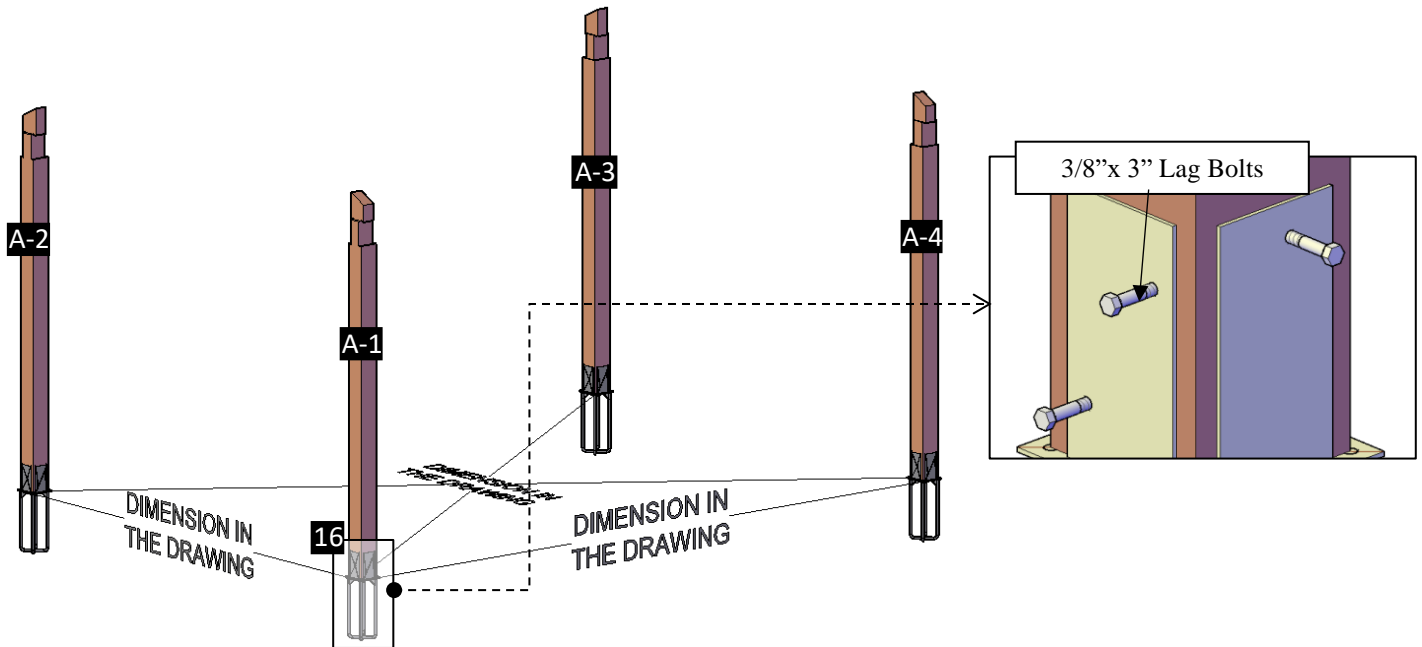


Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on the parts sent.

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”).

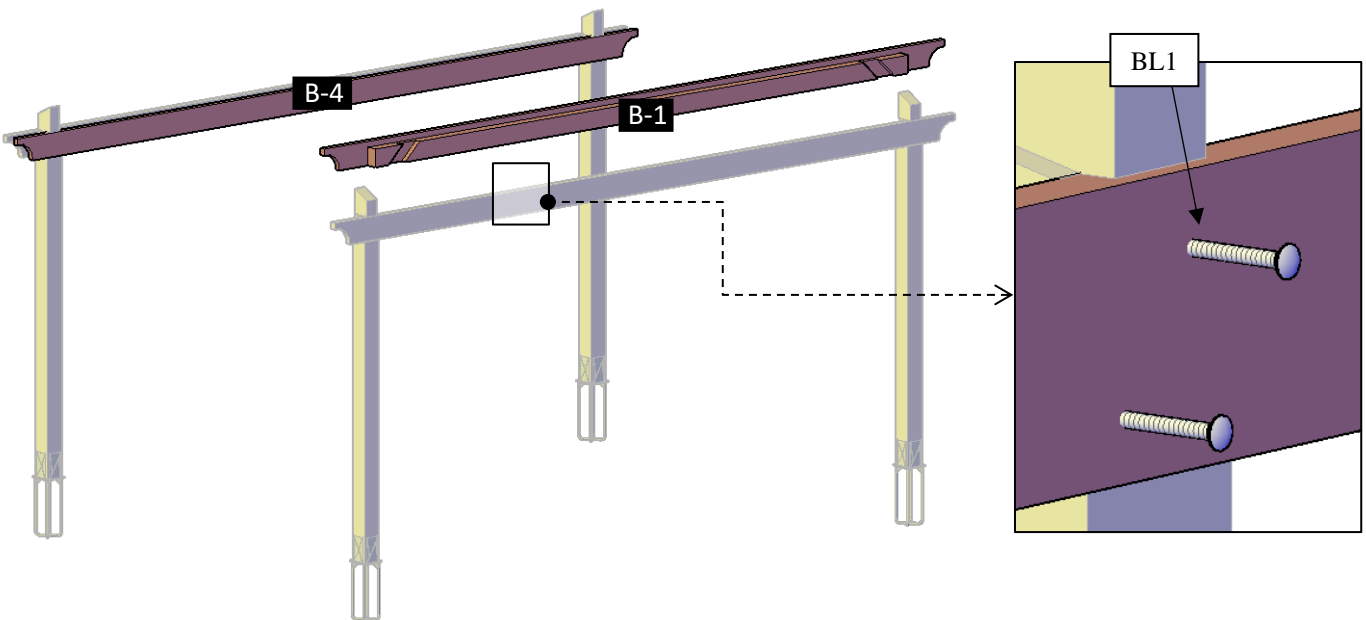
Note: Before install the anchor bases make sure that the ground is level using a carpenter's level or hydro-level (water level).

Step 1: Install the anchor bases (16). 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 $\frac{3}{8}$ ” X 3” lag bolts (LB1) to attach each post to its respective anchor base. (16).



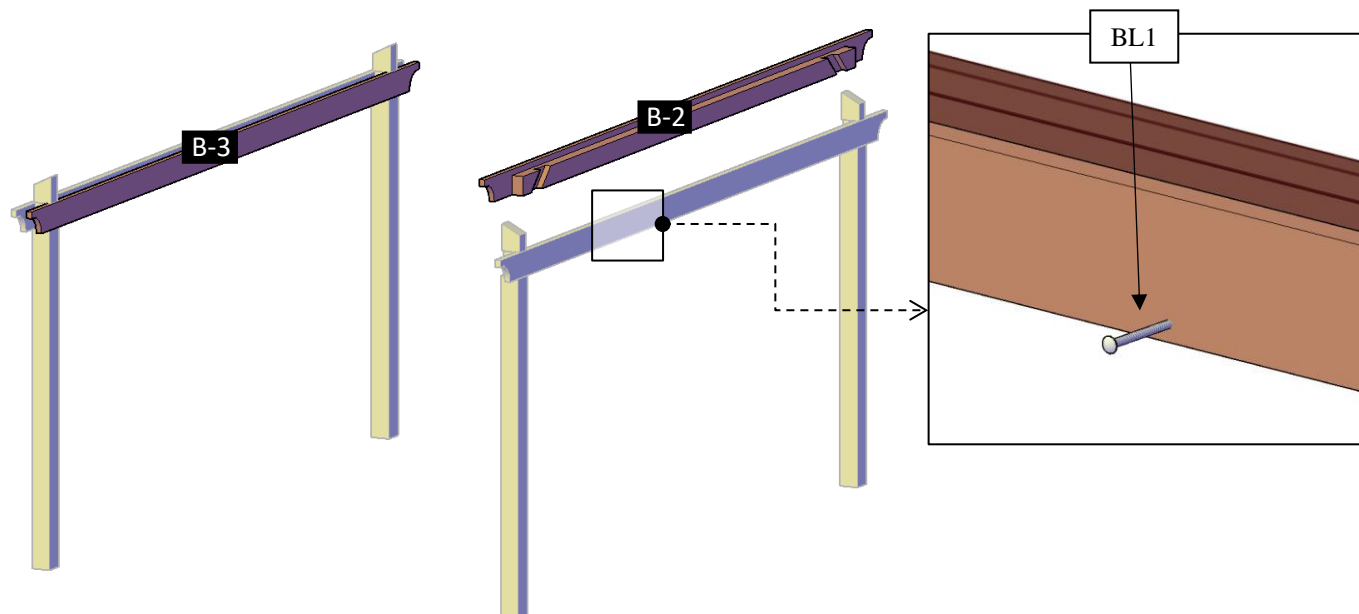
Step 2: Use $\frac{3}{8}$ ” X 6 $\frac{1}{2}$ ” bolts (BL1) with washer and nuts to attach the single supports (2) to the posts. Check the marked on each support and place as drawings shown.

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

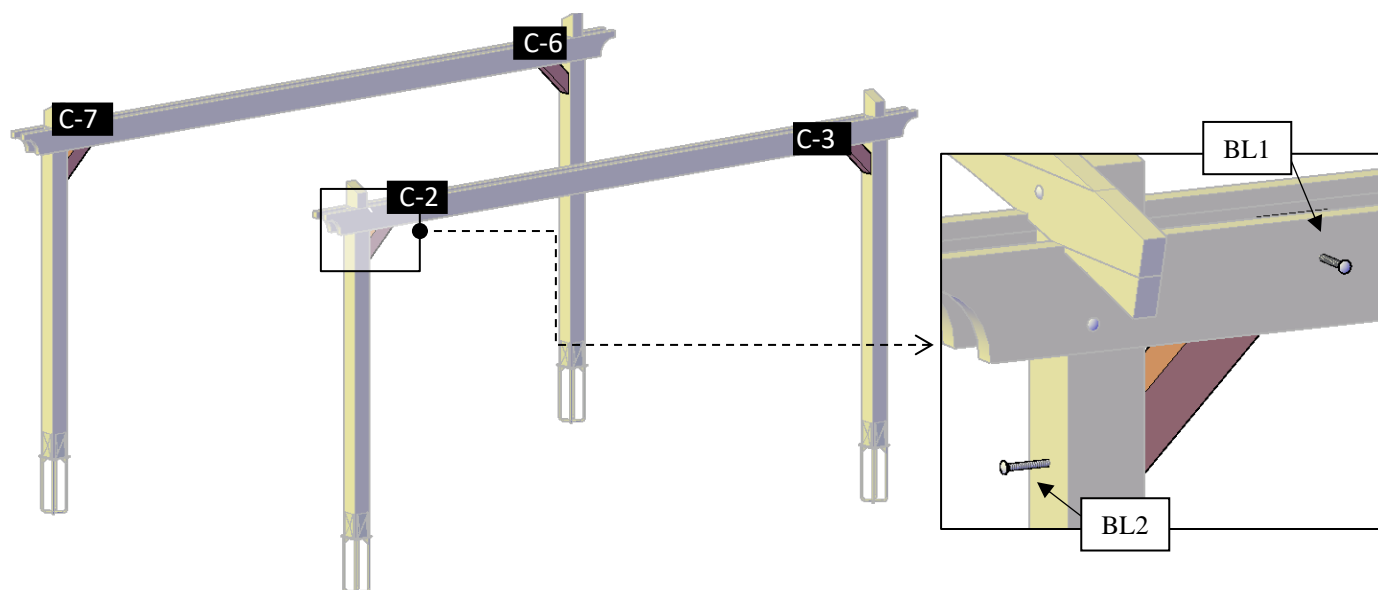


Step 3: Attach the single supports to the supports with in-between blocking (3), use 3/8" X 6 1/2" bolts (**BL1**) with washer and nuts. After that, return to the bolts described in the step 3 and tighten fully. Check the marked on each support with in-between blocking and place as drawings shown.

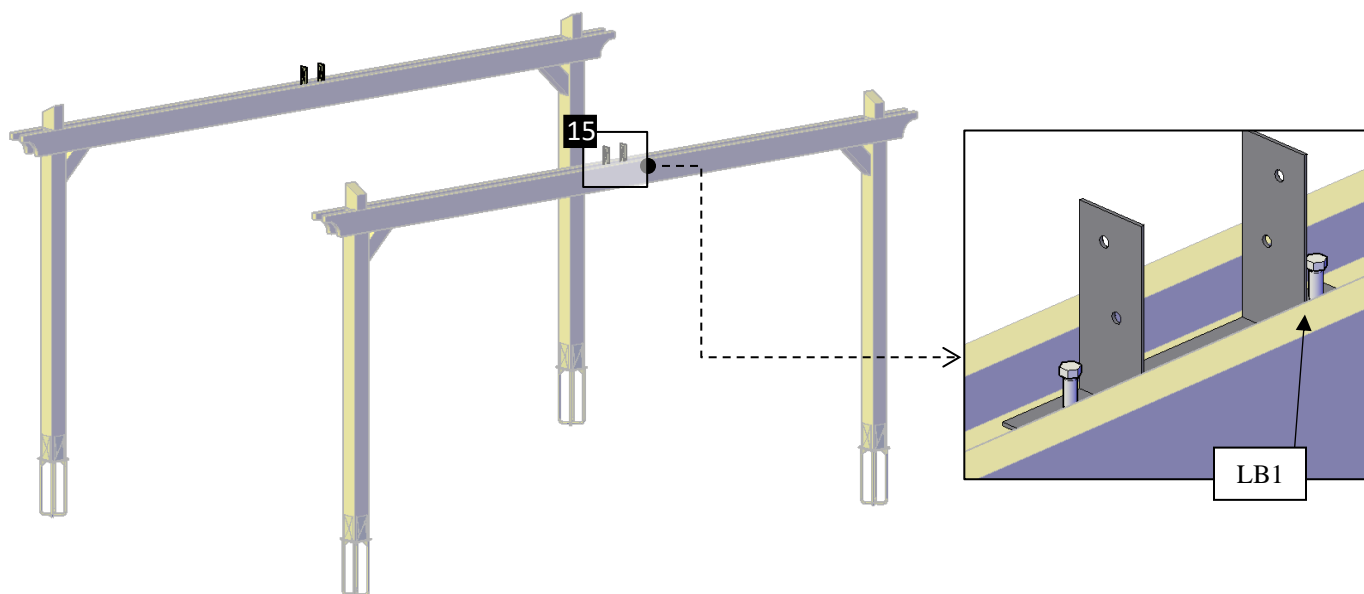
Note: put silicone in joints of the supports with in-between blocking.



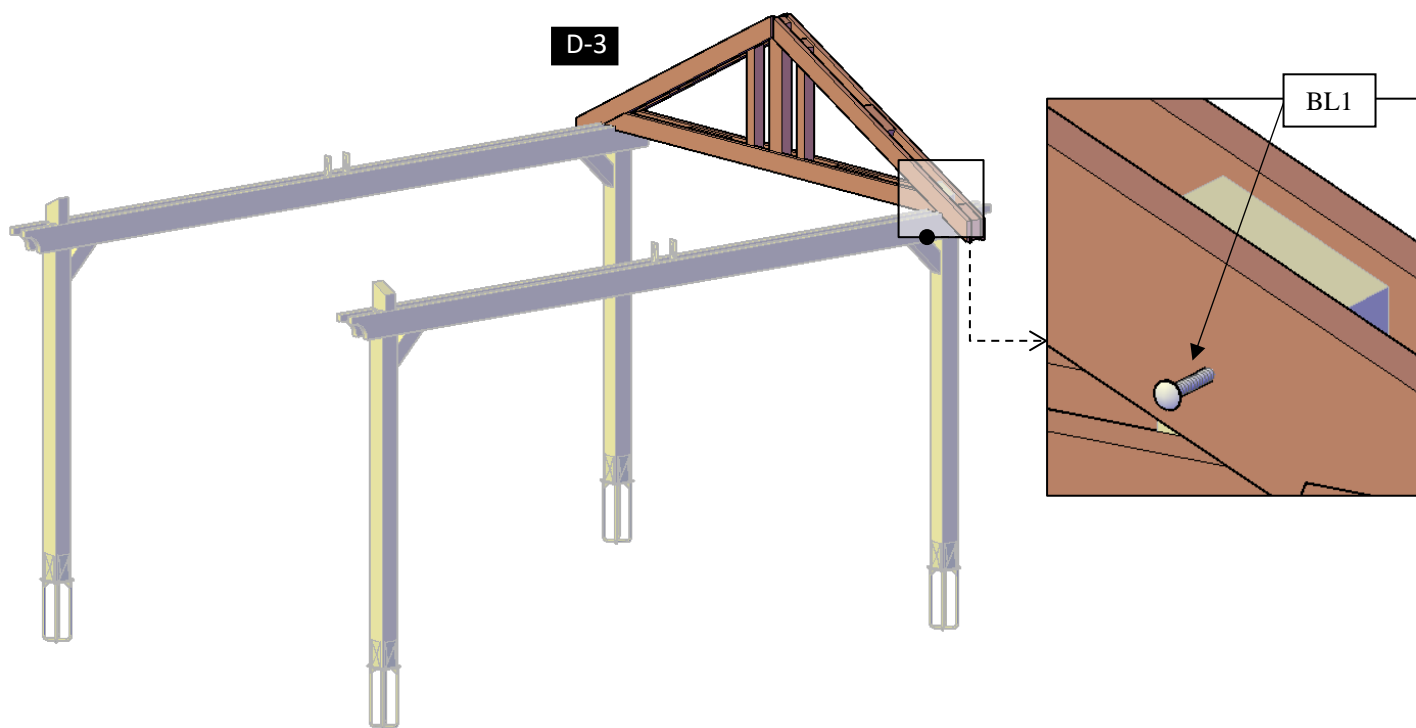
Step 4: Attach the main knee braces (5) to the supports with 3/8" X 6 1/2" bolts (**BL1**) with washer and nuts and to the posts with 3/8" x 10" bolts (**BL2**). Check the marked on each main knee brace and place as drawings shown.



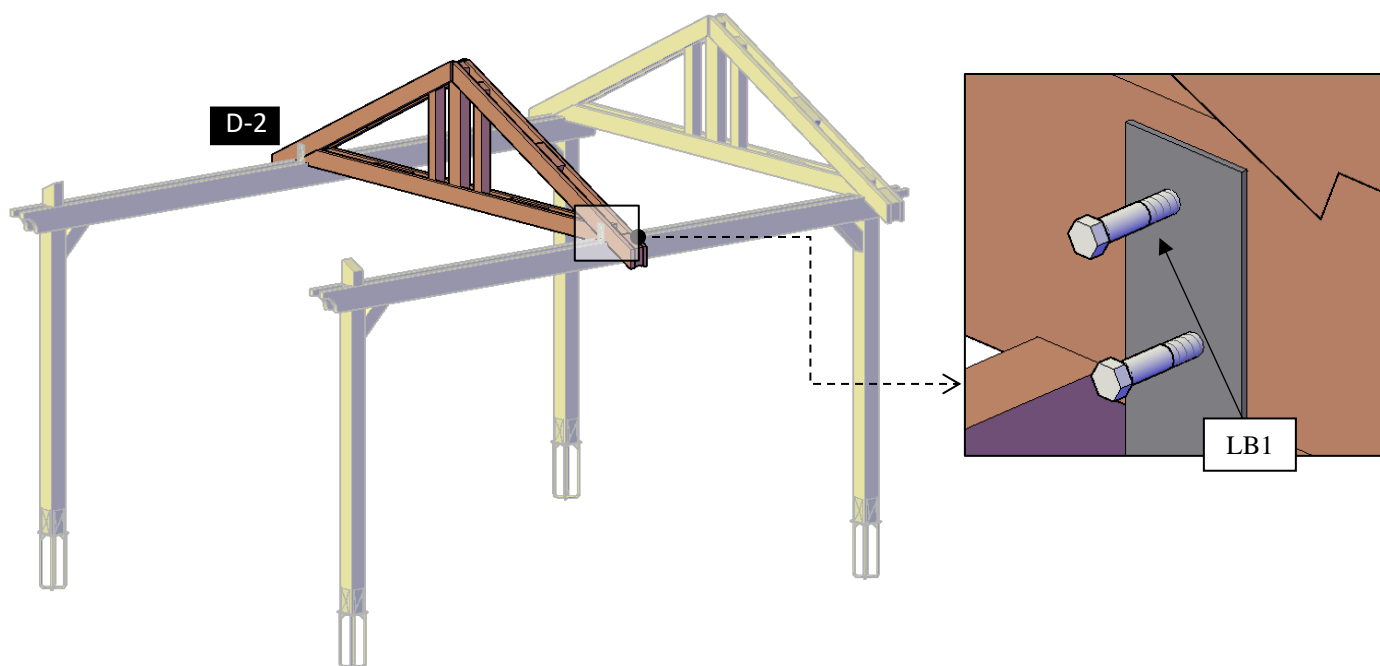
Step 5: Attach the metal plaques (15) to the supports with 3/8" x 3" lag bolts (LB1).



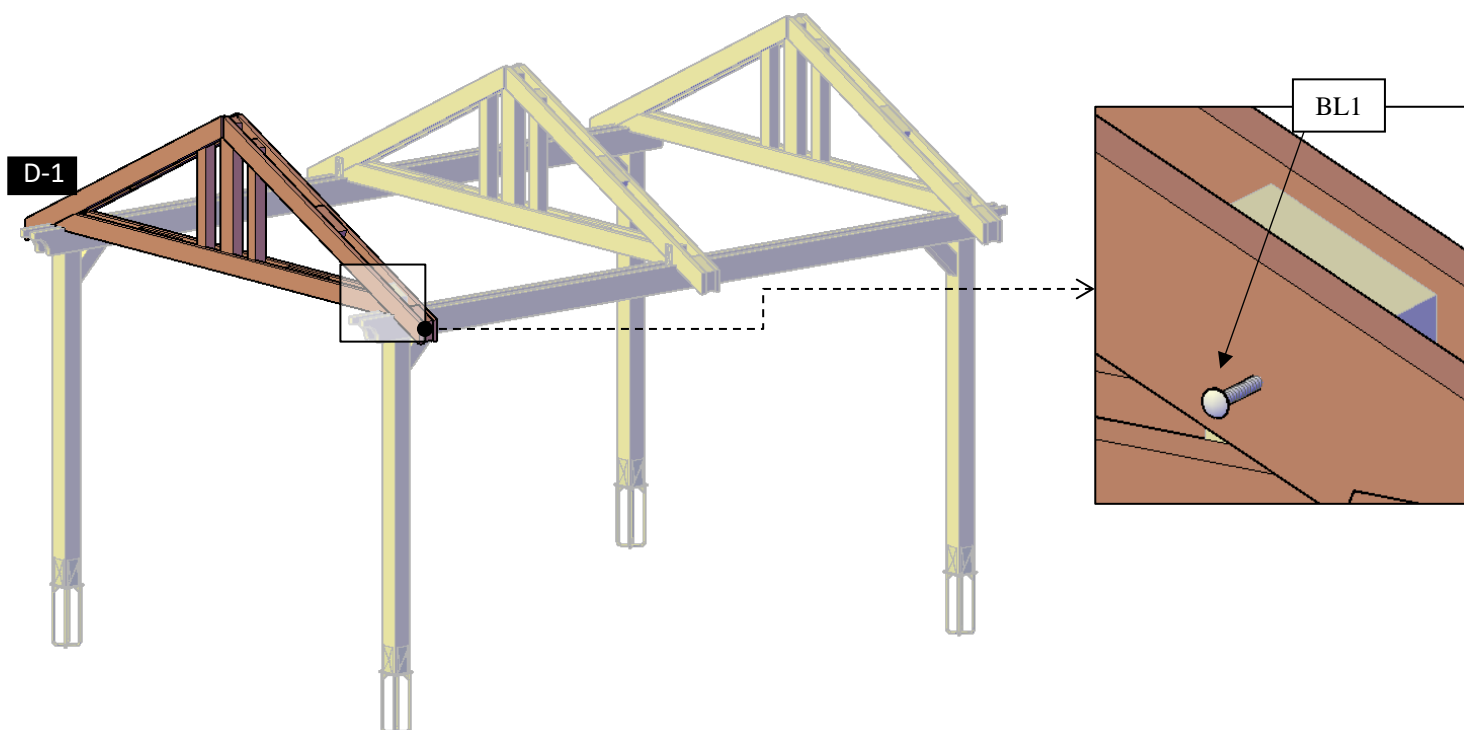
Step 6: Attach the perimeter Roof Trusses (4) to the posts with 3/8" x 6 1/2" bolts (BL1) with washer and nuts. Check the marked numbers on each roof truss and place as drawings shown.



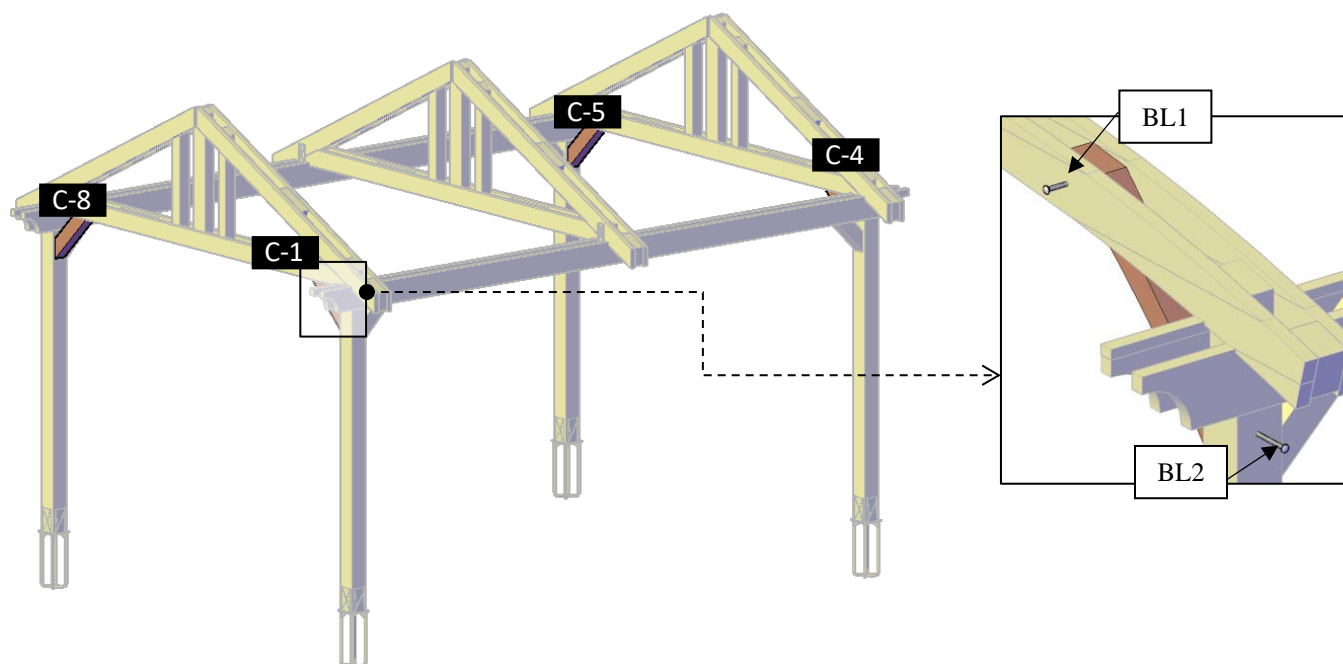
Step 7: Attach the roof trusses (4) to the metal plaques (15) with 3/8" x 3" lag bolts (LB1). Check the marked numbers on each roof truss and place as drawings shown.



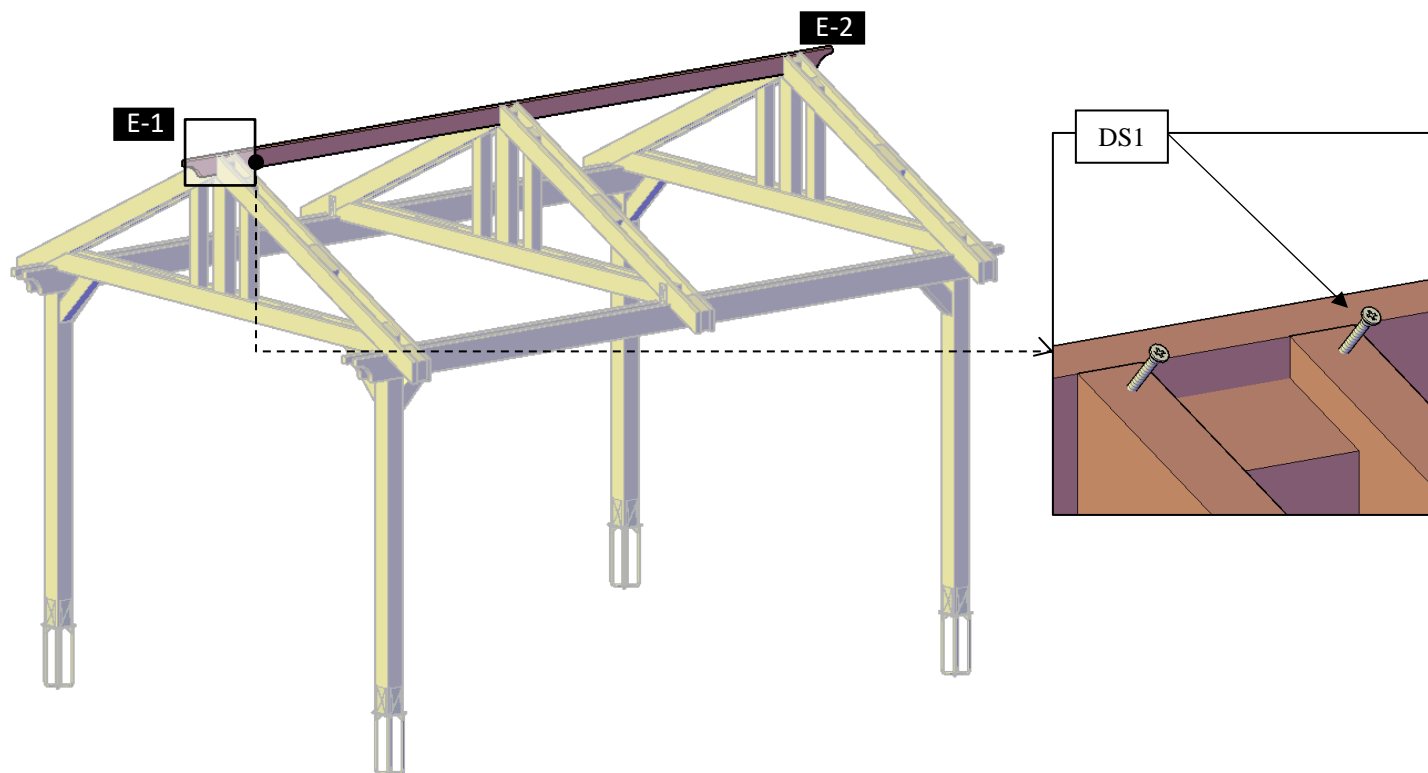
Step 8: Attach the perimeter Roof Trusses (4) to the posts with 3/8" x 6 1/2" bolts (BL1) with washer and nuts. Check the marked numbers on each roof truss and place as drawings shown.



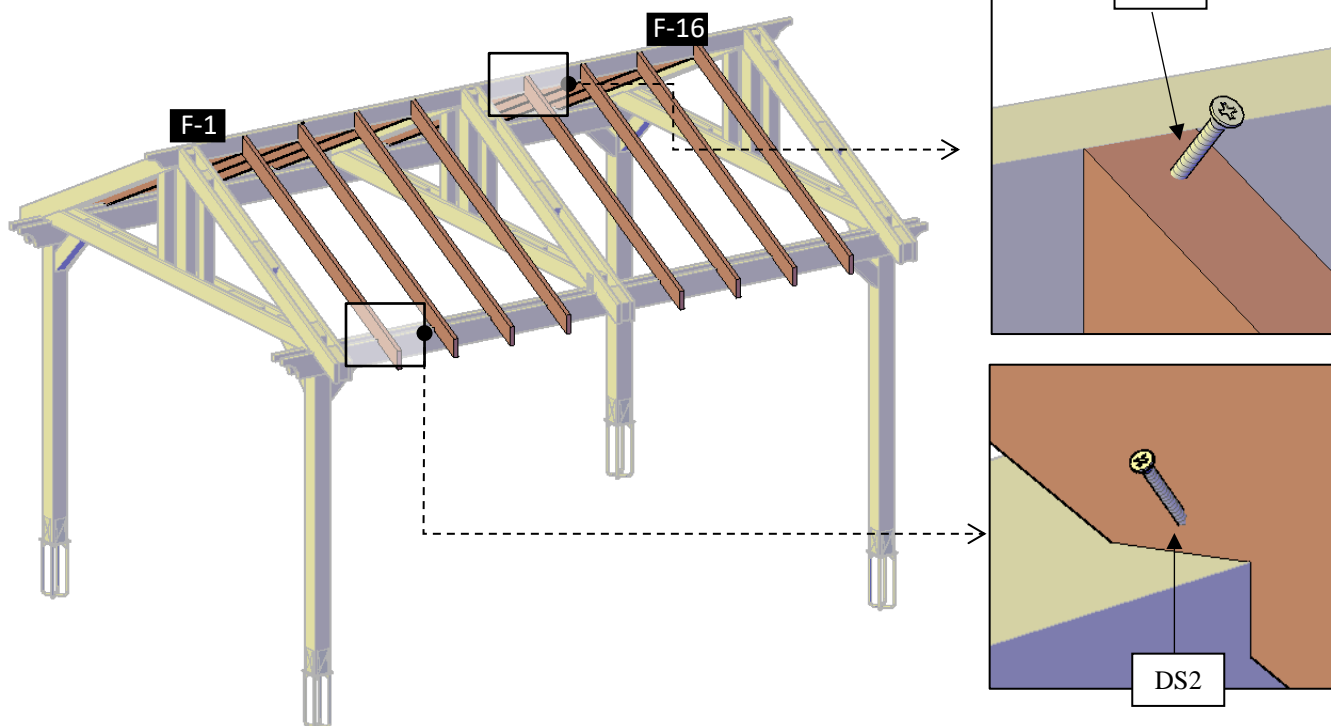
Step 9: Attach the Secondary knee braces (6) to the roof trusses (4) with 3/8" x 6 1/2" bolts (BL1) with washer and nuts and to the posts with 3/8" x 10" bolts (BL2). Check the marked on each secondary knee brace and place as drawings shown.



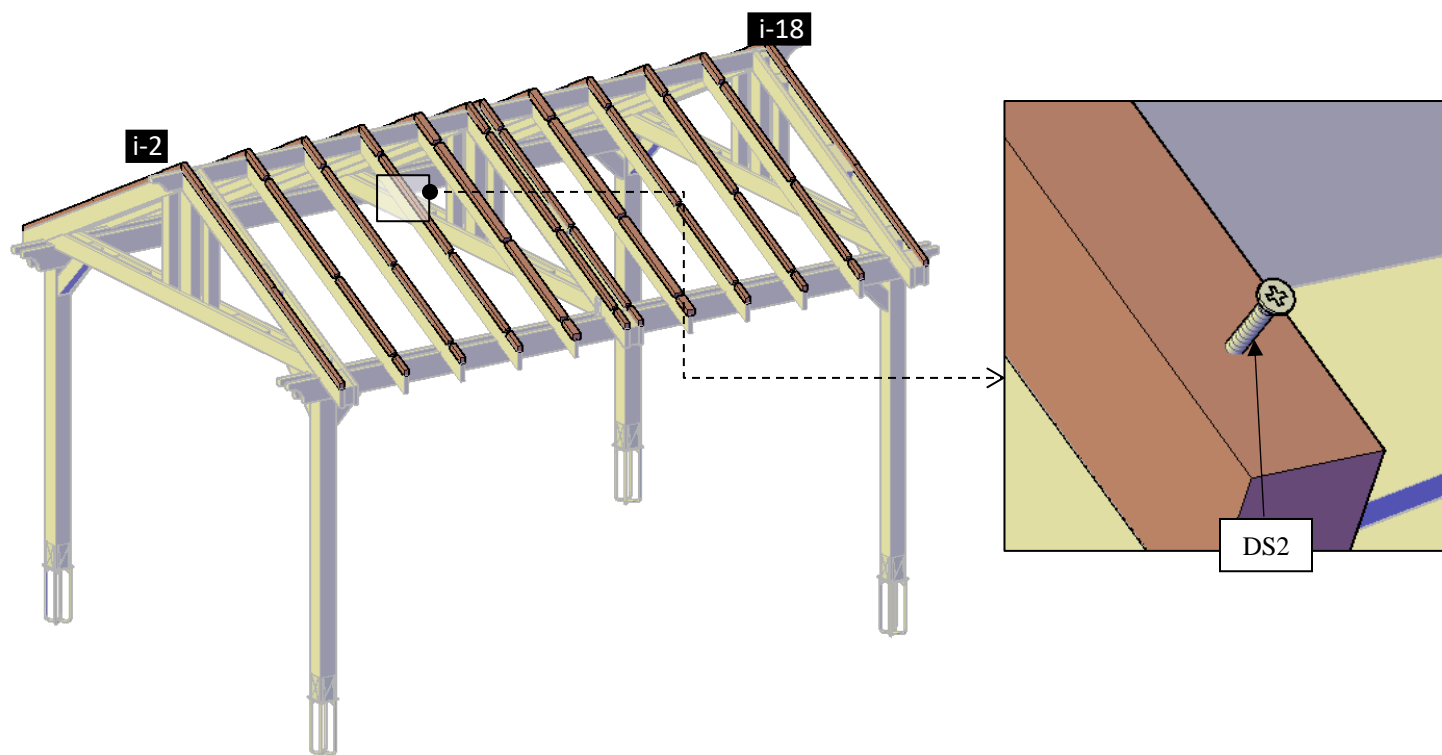
Step 10: Attach the ridge beam (7) to the roof trusses (4) with 2 1/2" deck screws (DS1). Check the marked on each ridge beam and place as drawings shown.



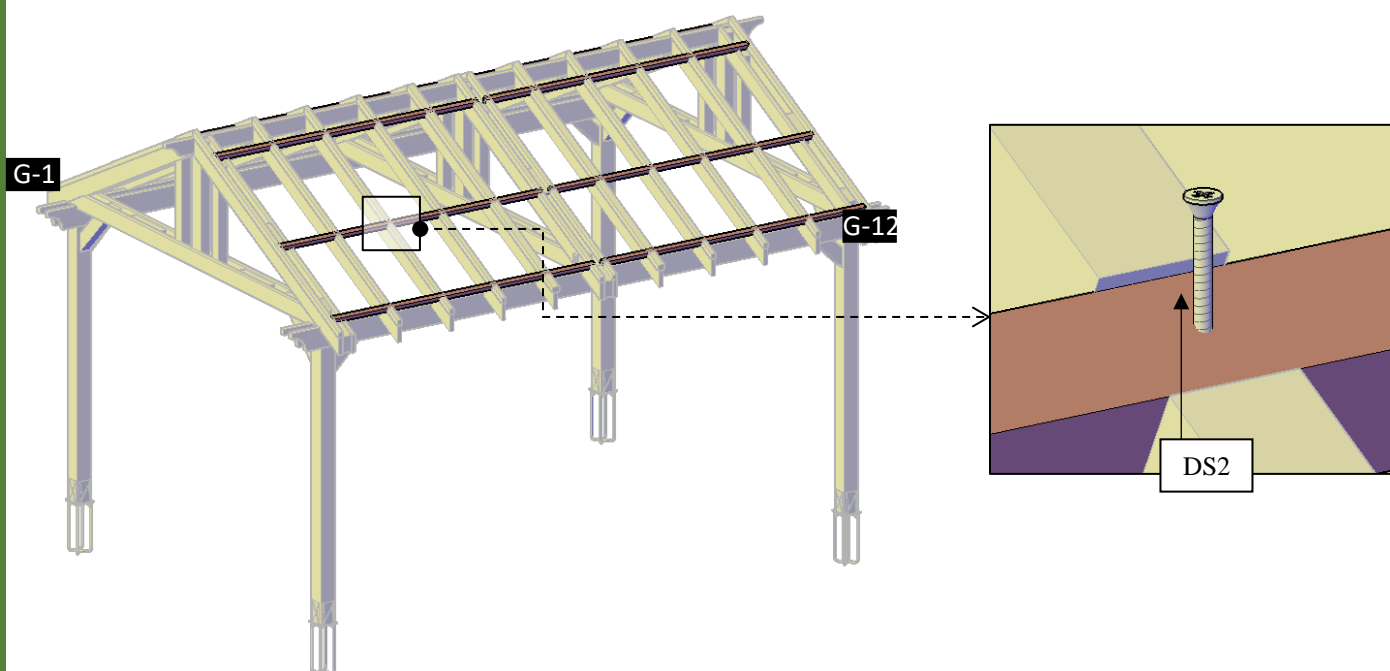
Step 11: Use 2 ½” deck screws (**DS1**) to attach the rafters (**8**) to the ridge beam (**7**) and to the supports with 3” deck screws (**DS2**). Check the marked on each rafter and place as drawings shown. (F-1 at F-16).



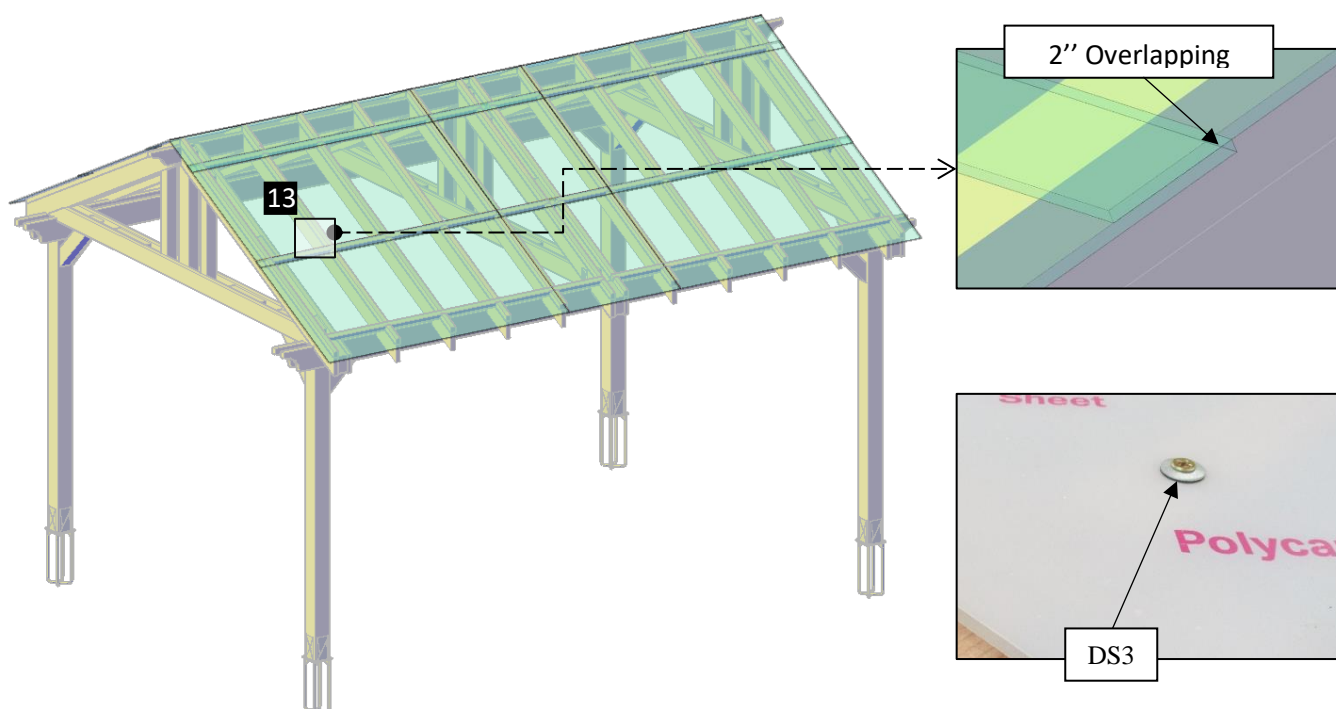
Step 12: Use 3” deck screws (**DS2**) to attach the canal (**10**) to the rafter (**8**) and to the roof trusses (**4**). Check the marked on each canal and place as drawings shown.



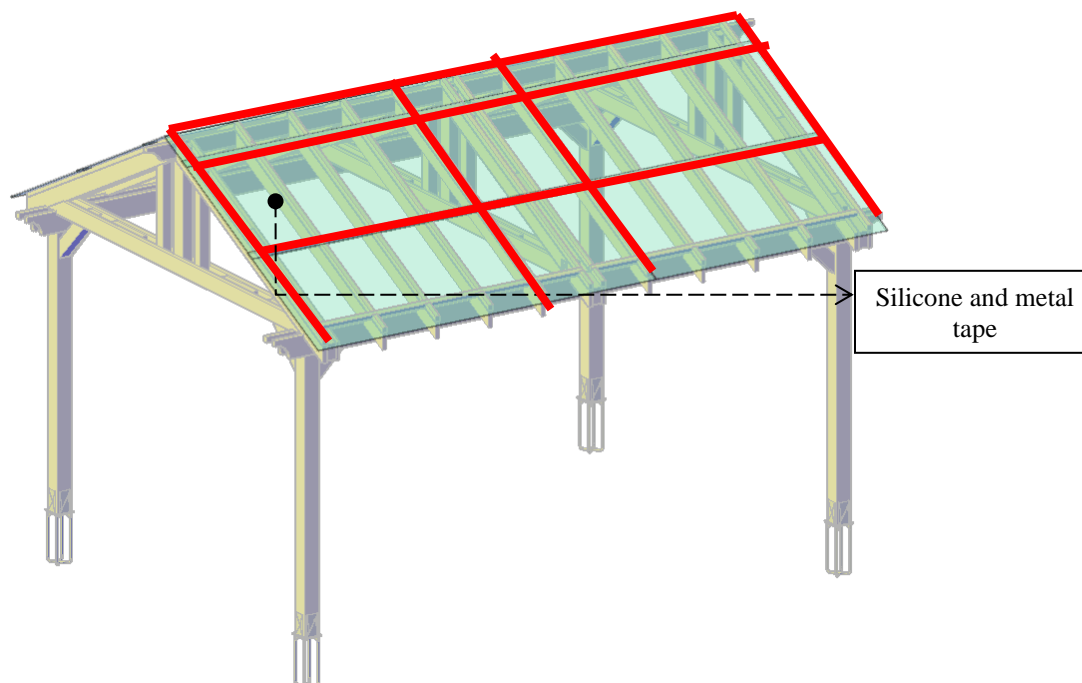
Step 13: Attach the rafter reinforcement (12) to the rafters (8) with 3" deck screws (DS2). Check the marked on each rafter reinforcement and place as drawings shown.



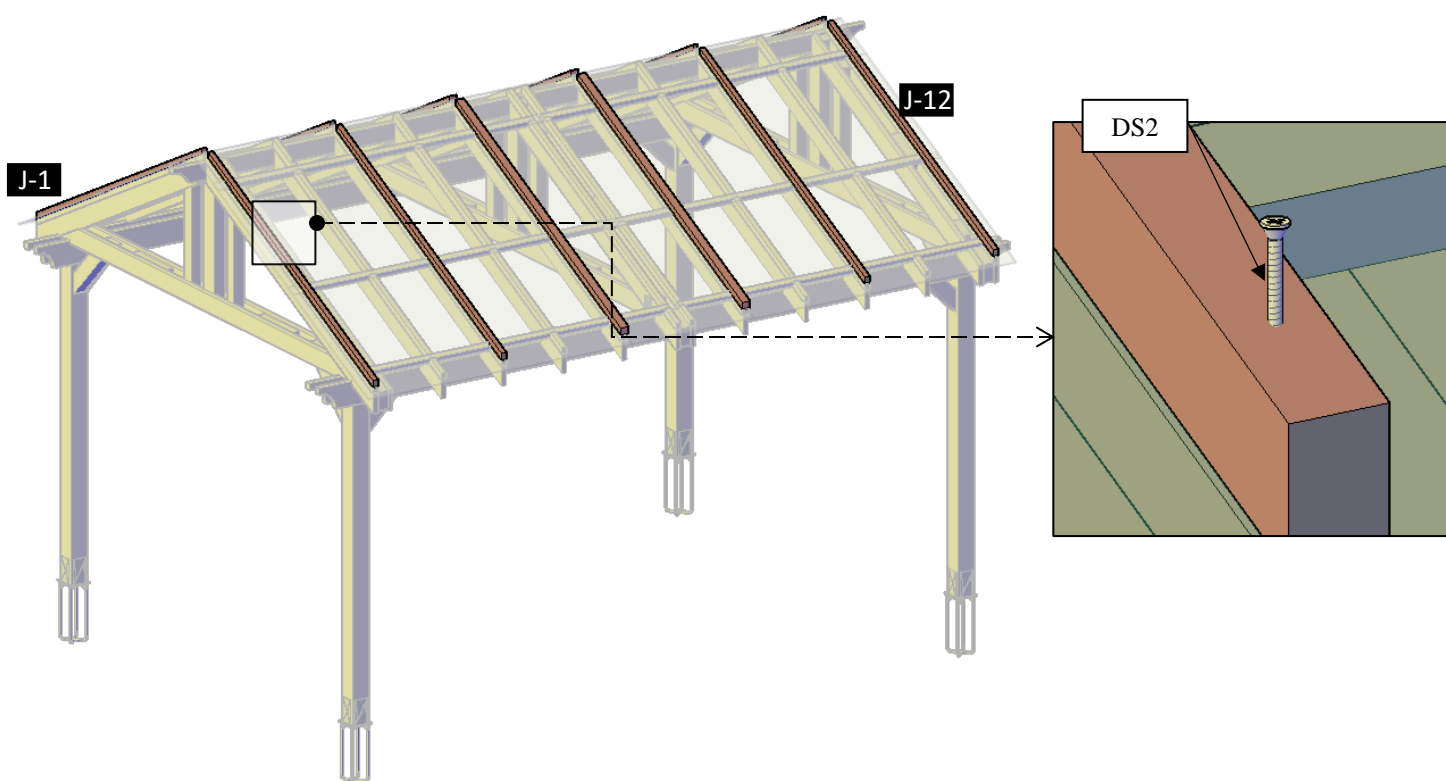
Step 14: Put the rain guard (13) from the bottom to the top, the overlapping between these it will be of 2". After that, use 1 1/4" deck screws (DS3) with neoprene washers to attach the polycarbonate (14) to the canal (12). Check the marked numbers on each polycarbonate and place as drawings shown.



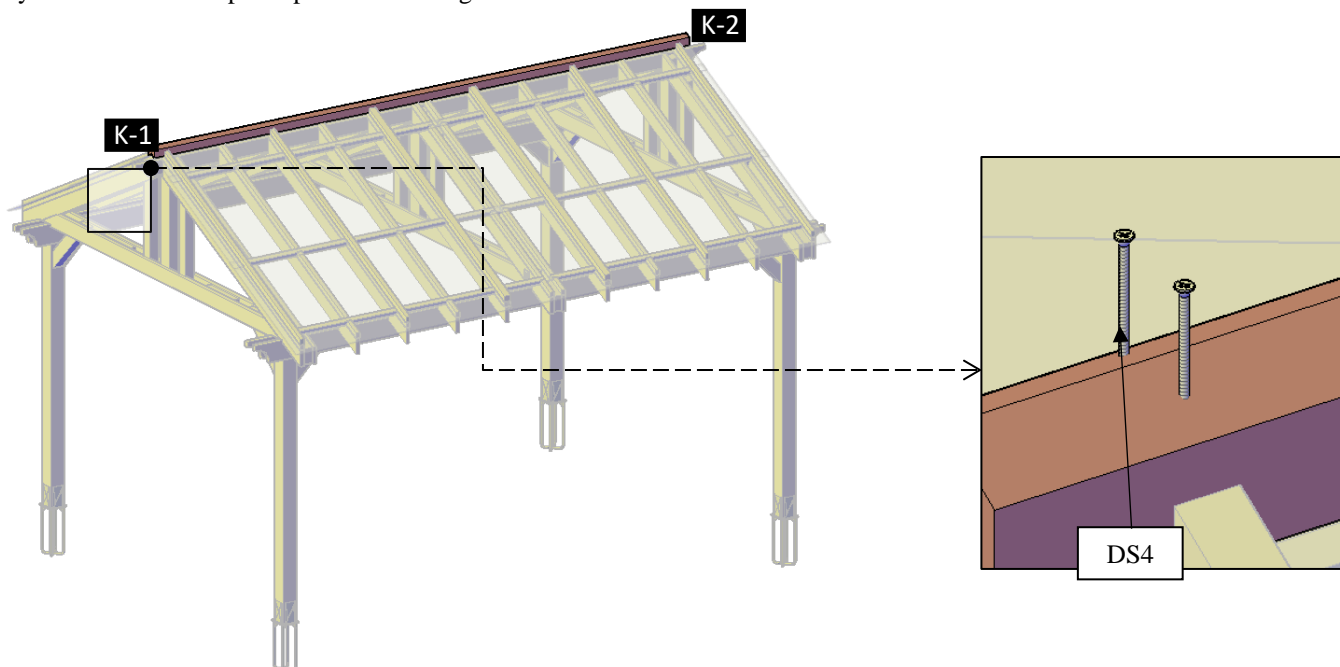
Step 15: Put exterior clear silicone on the polycarbonate joins and metal tape 48mm x 50m.



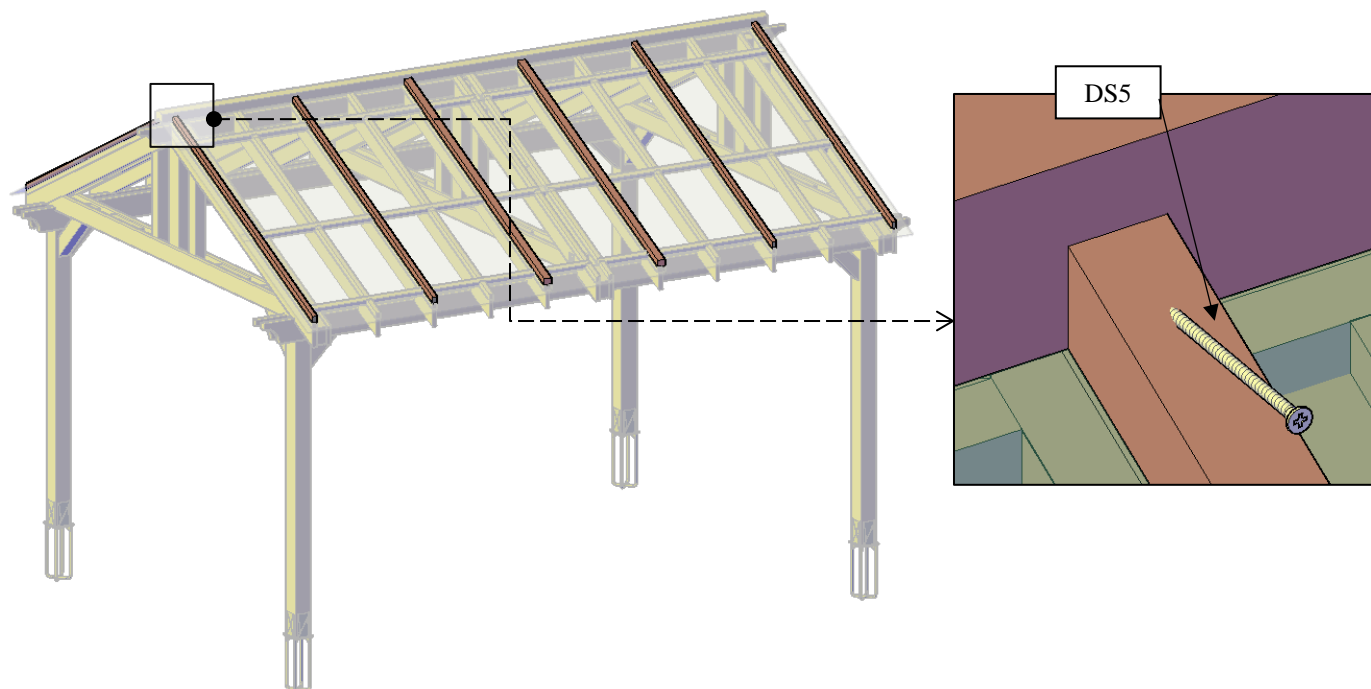
Step 16: Attach the canal cover top (11) to the canal (10) with 3" deck screws (DS2). Check the marked numbers on each polycarbonate cover top and place as drawings shown.



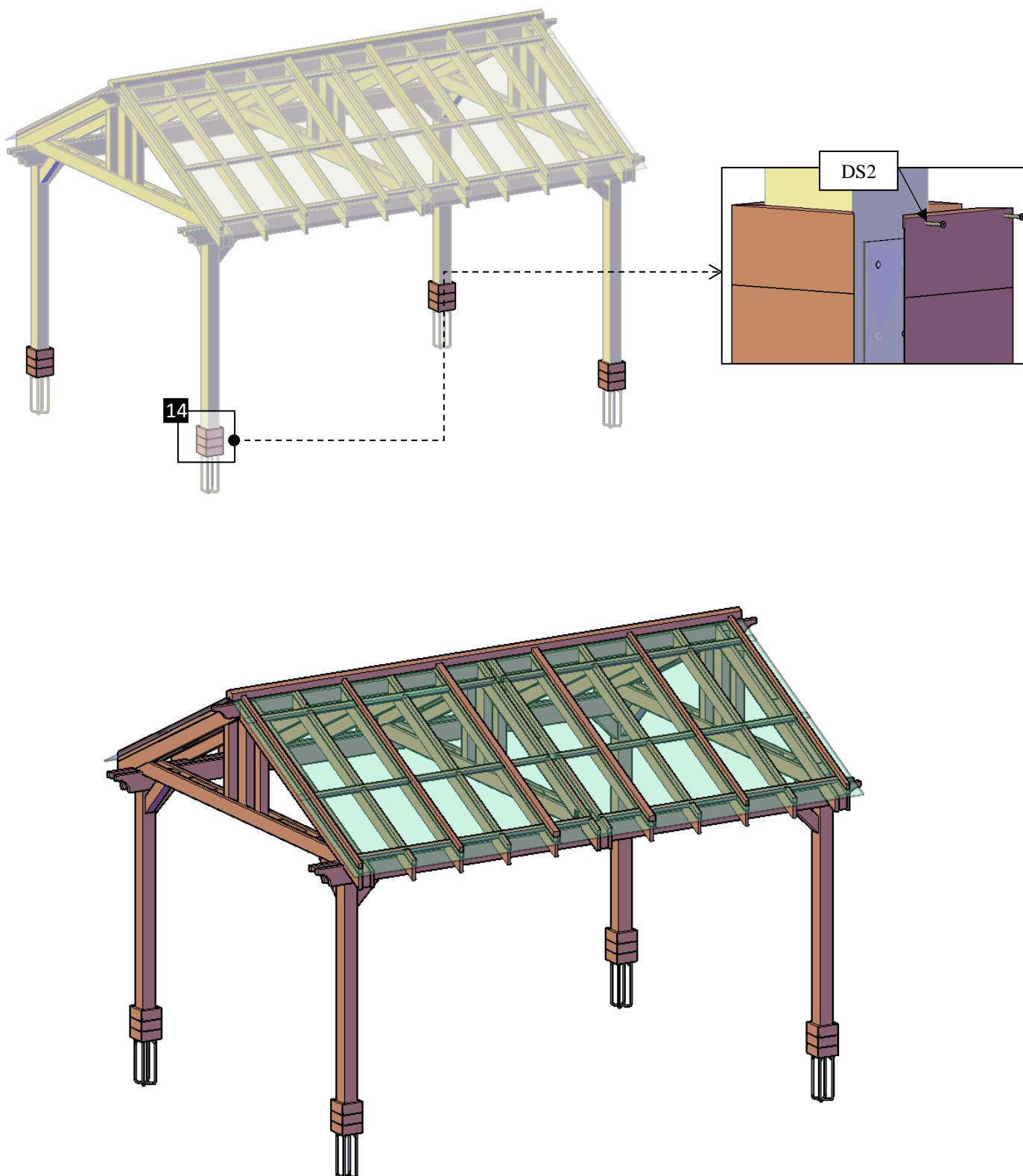
Step 17: Attach the ridge beam cover top (9) to the ridge beam (12) with 6" deck screws (DS4). Check the marked numbers on each polycarbonate cover top and place as drawings shown.



Step 18: Attach the canal cover top (11) to the ridge beam cover top (9) with 4" deck screws (DS5).



Step 19: Finally, attach the boots (14) to the posts with 3" deck screws (DS2).



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.