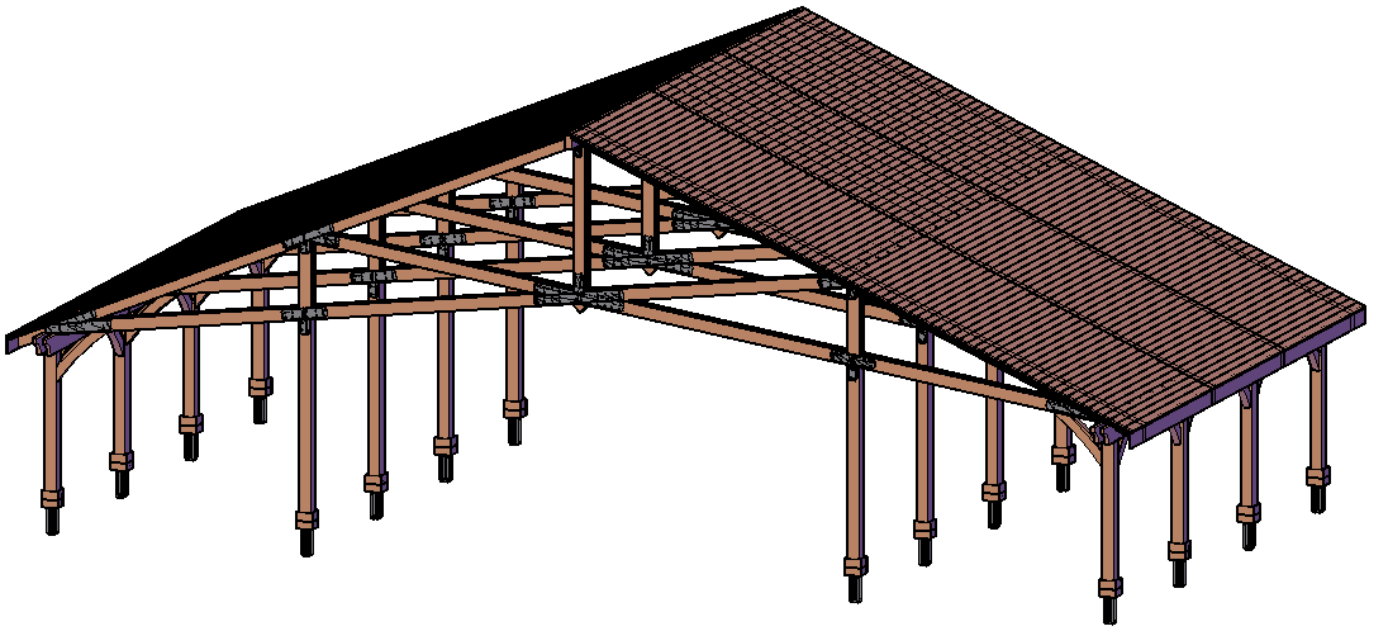
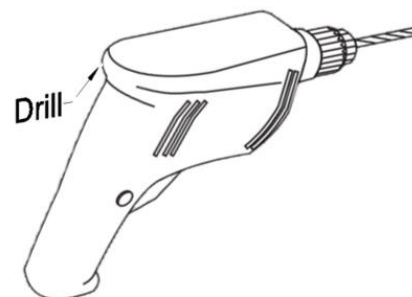
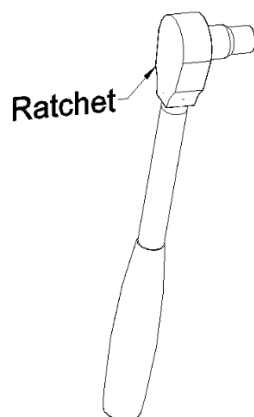
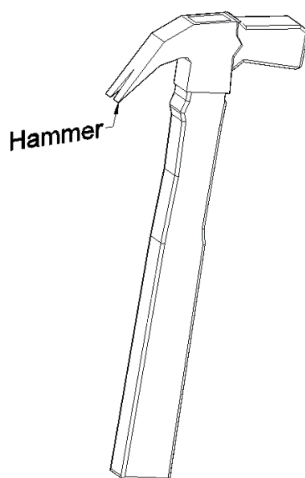


866.332.2403 (TOLL FREE) (707) 640.29.05 (Option 4) Direct Line for the Design Department; 7am – 7pm Pacific Time, Monday-Saturday

ASSEMBLY INSTRUCTIONS FOR THE CUSTOM SCISSOR TRUSS PAVILION

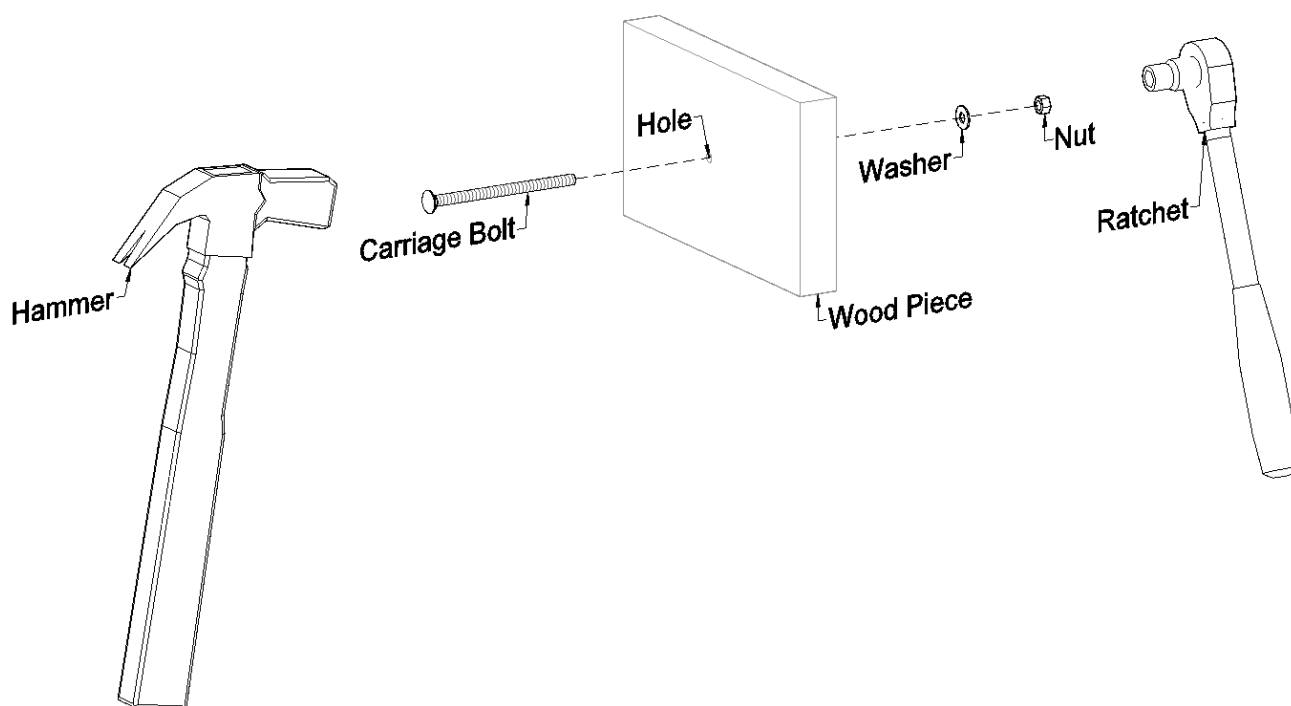


NOTE: Assembly is best done by two people. To assemble your product, you need a Hammer, a Ratch or a wrench and if required a Drill.



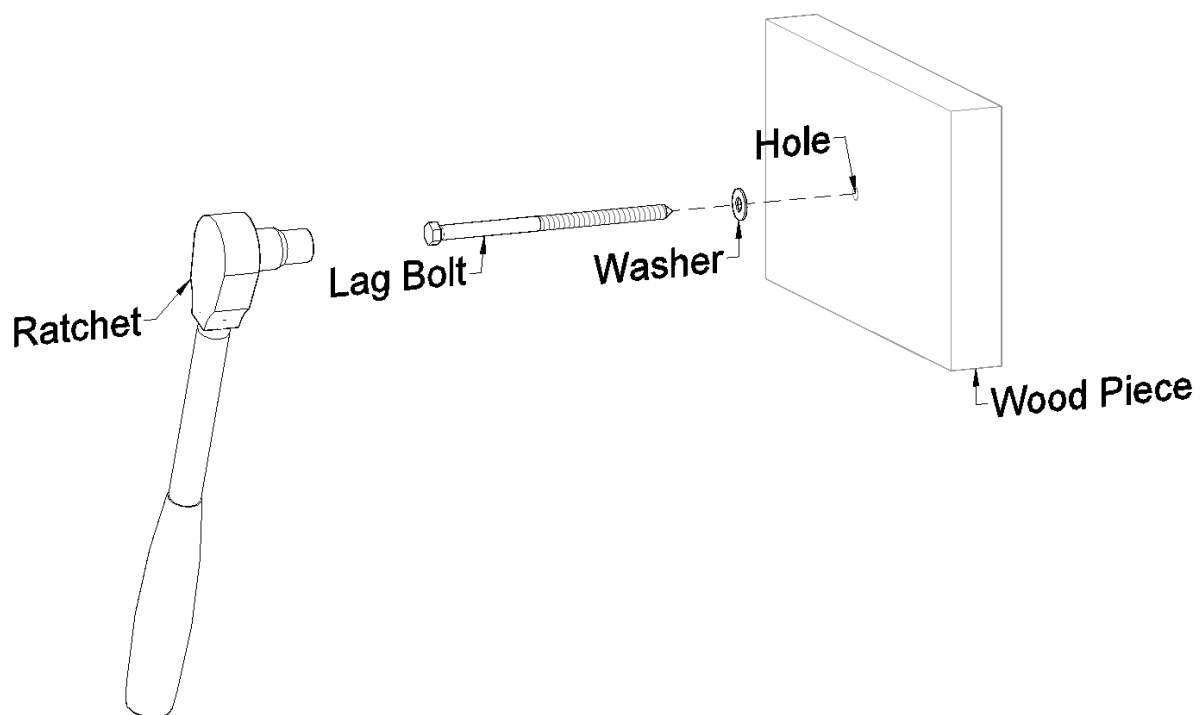
Required Tools (Are not included in your hardware packing).

PROCESS TO INSTALL THE HARDWARE PROVIDED.



To install the bolts.

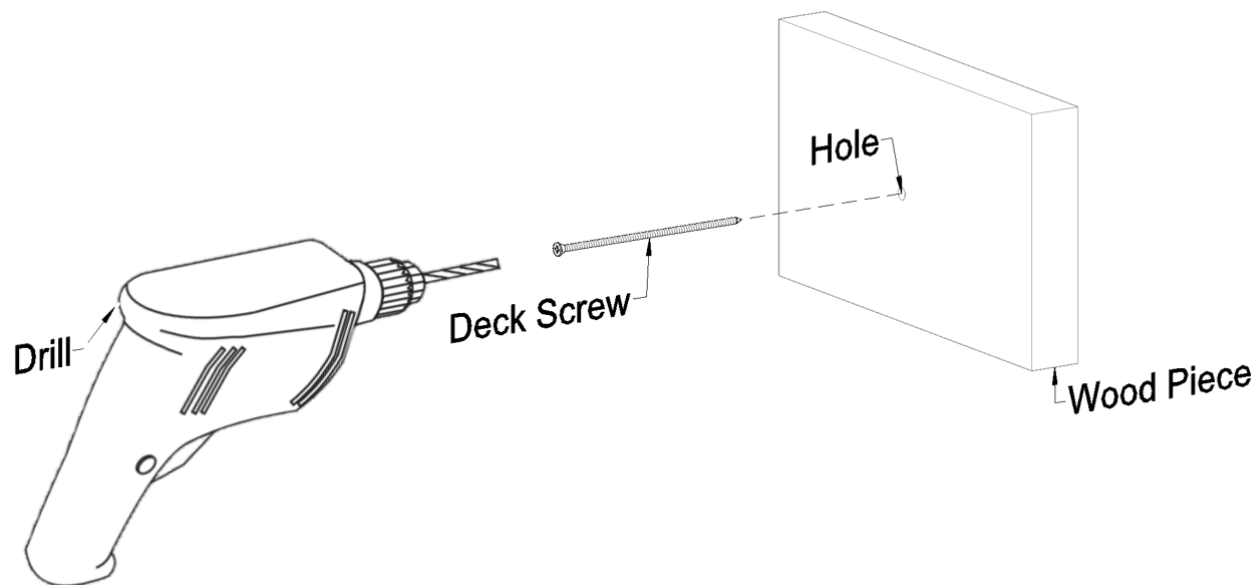
Insert the carriage bolts into the holes and lightly tap with a hammer until the square neck fit in the wood piece and the bolt head must flush with the wood piece. Finally, place the washer and the nut and carefully tighten it using a ratch with the necessary socket or a wrench.



To install the lag bolts.





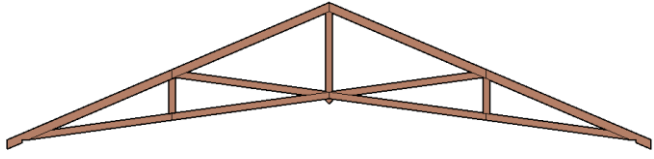


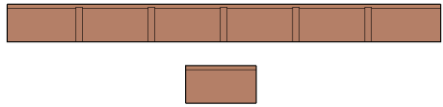








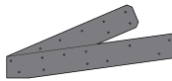
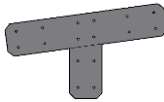
Place the washers in their lag bolts. After that, insert the lag bolts into the holes and carefully tighten it using a **ratch** with the necessary **socket**.

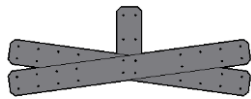
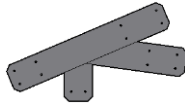


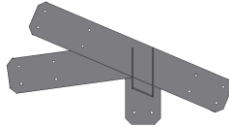


Use the washers only for the Wood Pieces.













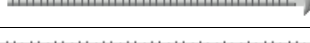

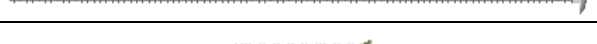




To install the deck screws.

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

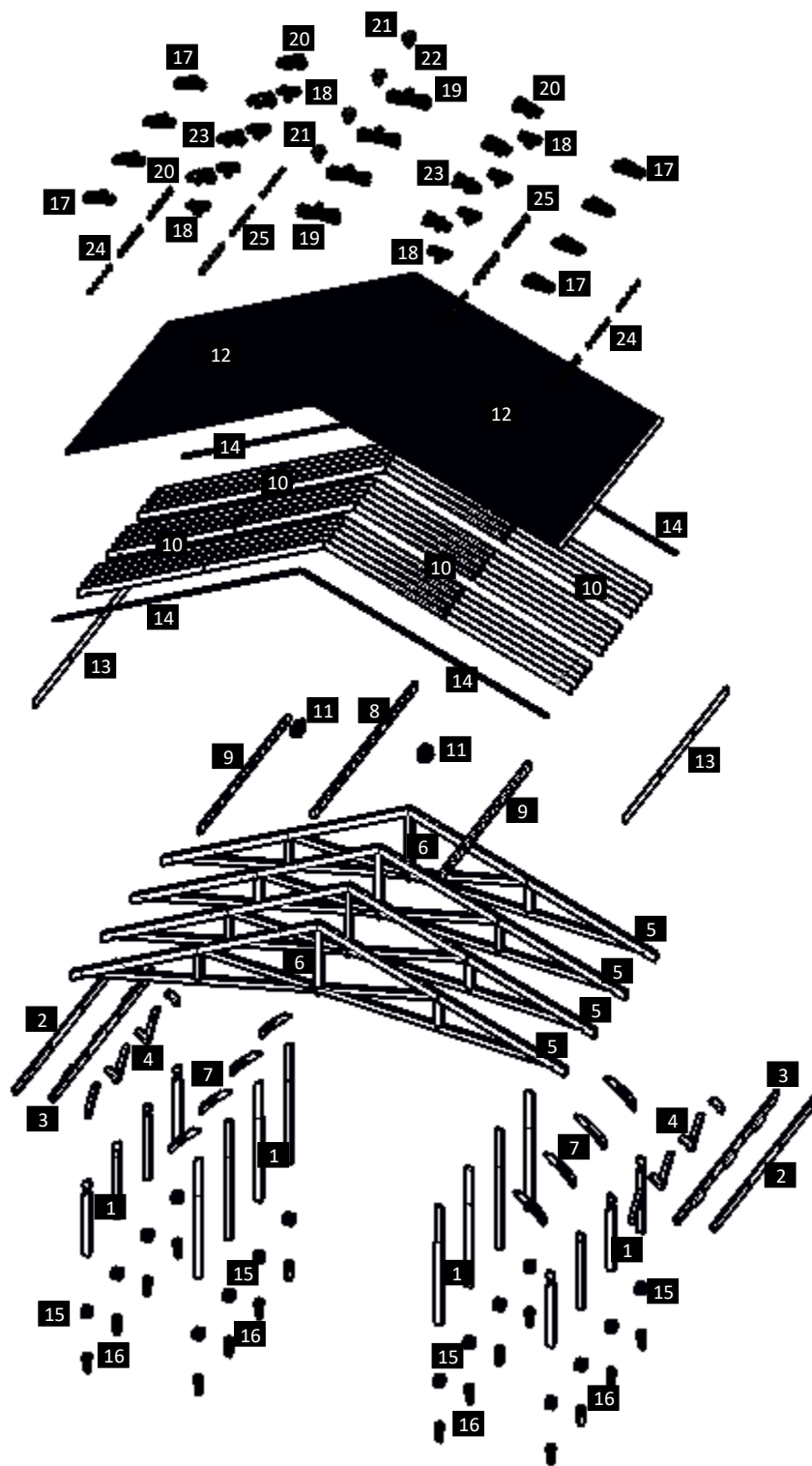
CONTENT OF BOXES			
Qty.	Description	Drawing	No.
16	Posts		1
12	Single Supports		2
6	In-Between Blocking		3
12	Main Knee Braces		4
4	Roof trusses (They are unarmed)		5
8	Cover Top		6
8	Secondary Knee Braces		7
5	Ridge Beams -A		8
6	Ridge Beams -B		9
60	Rafters		10
2	Ceiling Fan Bases		11
474	Roof Boards		12
6	Fascias		13
4	Roof Trims		14
16	Boots		15
16	Hight Wind Anchor Bases		16
16	Metal Plaques -A		17
16	Metal Plaques -B		18

CONTENT OF BOXES			
Qty.	Description	Drawings	No.
8	Metal Plaques -C		19
4	Metal Plaques -D		20
16	L -Plaques -A		21
8	L -Plaques -B		22
12	Metal Plaques -E		23
30	Metal Plaques -F		24
30	Metal Plaques -G		25

HARDWARE LIST

Qty.	Description	Drawing	No.
128	5/16" x 3" Lag Bolts		LB1
732	3/8" x 3 1/2" Lag bolts		LB2
60	3/8" x 2 1/2" lag bolts		LB3
120	3/8" x 2" lag bolts		LB4
30	3/8" x 4 1/2" Bolts		LB5
48	3/8" x 9" bolts		BL1
24	1/2" x 12" Bolts		BL2
8	1/2" x 16" bolts		BL3
16	3/8" x 4 1/4" bolts		BL4
60	3/8" x 2 3/4" bolts		BL5
8	5/16" x 3" Bolts		BL6
256	3/8" x 8 1/2" Bolts		BL7
32	3/8" x 7 1/2" Bolts		BL8
236	3" Deck screws		DS1
290	4" Deck screws		DS2
4900	2" Deck screws		DS3
100	6" Deck screws		DS4

DESCRIPCION	No.
Posts	1
Single Supports	2
In-Between Blocking	3
Main Knee Braces	4
Roof Trusses	5
Cover Top	6
Secondary Knee Braces	7
Ridge Beam -A	8
Ride Beam -B	9
Rafters	10
Ceiling Fan Bases	11
Roof Boards	12
Fascias	13
Roof Trims	14
Boots	15
High Anchor Bases	16
Metal Plaques -A	17
Metal Plaques -B	18
Metal Plaques -C	19
Metal Plaques -D	20
L -Plaques -A	21
L -Plaques -B	22
Metal Plaques -E	23
Metal Plaques -F	24
Metal Plaques -G	25



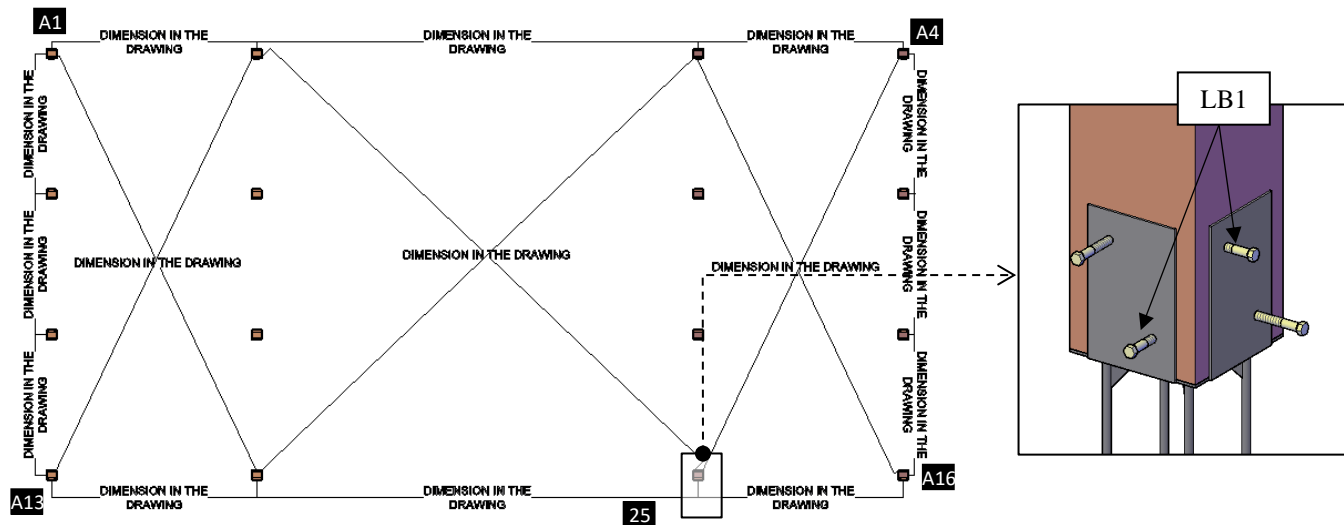
Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on the parts sent.

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).

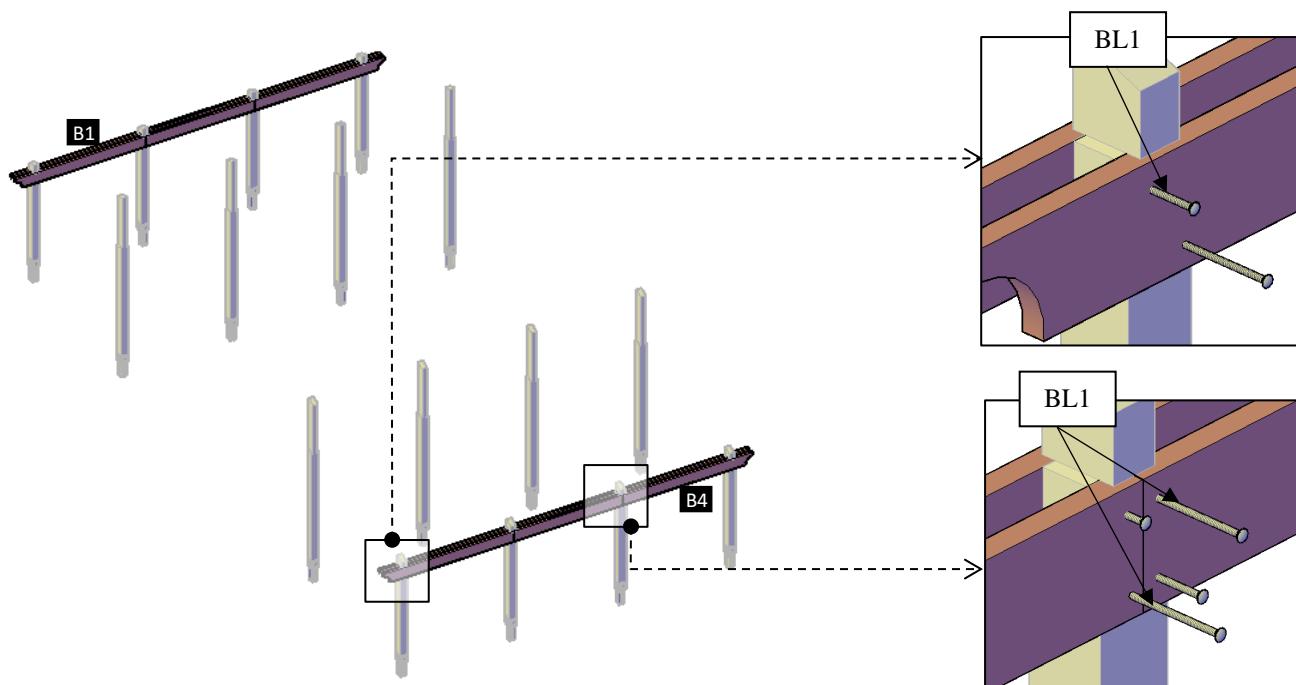
Note: The electric trim will be determined on site.

Step 1: Install the High wind 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 5/16” x 3” Lag Bolts (**LB1**) to attach each post to its respective anchor base.



Step 2: Attach the single supports (**2**) to the posts with 3/8” x 9” bolts (**BL1**) with washer and nuts. Check the marked numbers on each support and place as drawings shown.

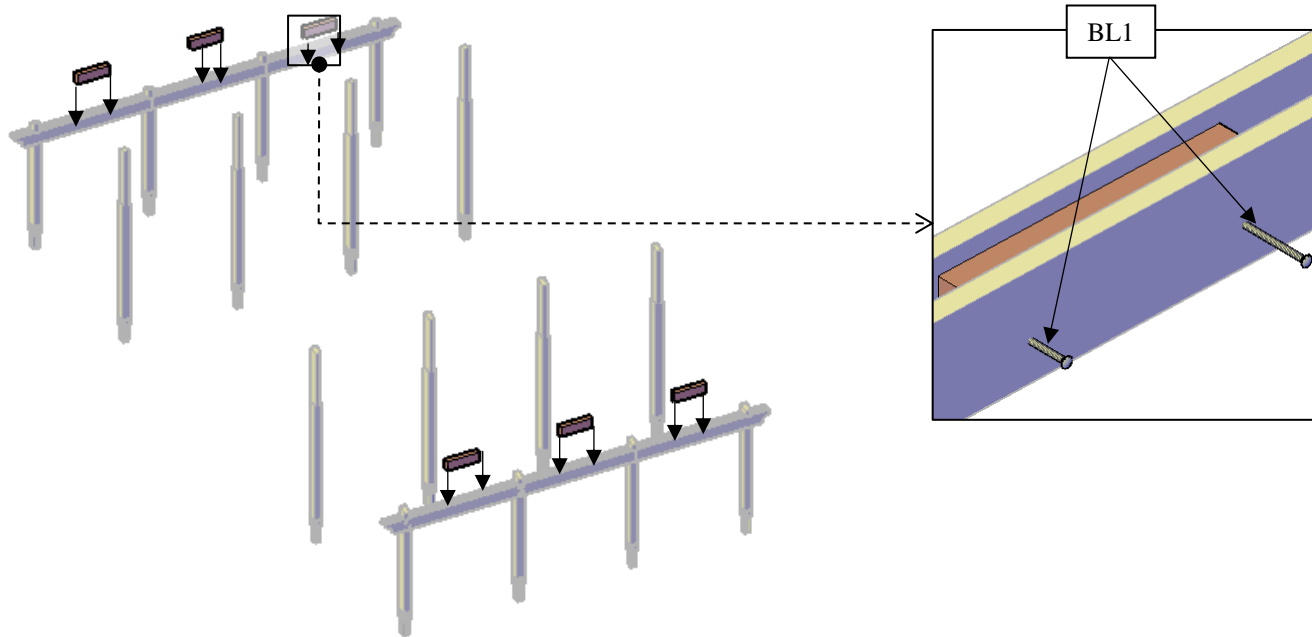
Note: Don’t completely tighten yet the bolts – you will need the install the supports with in between blocking first.



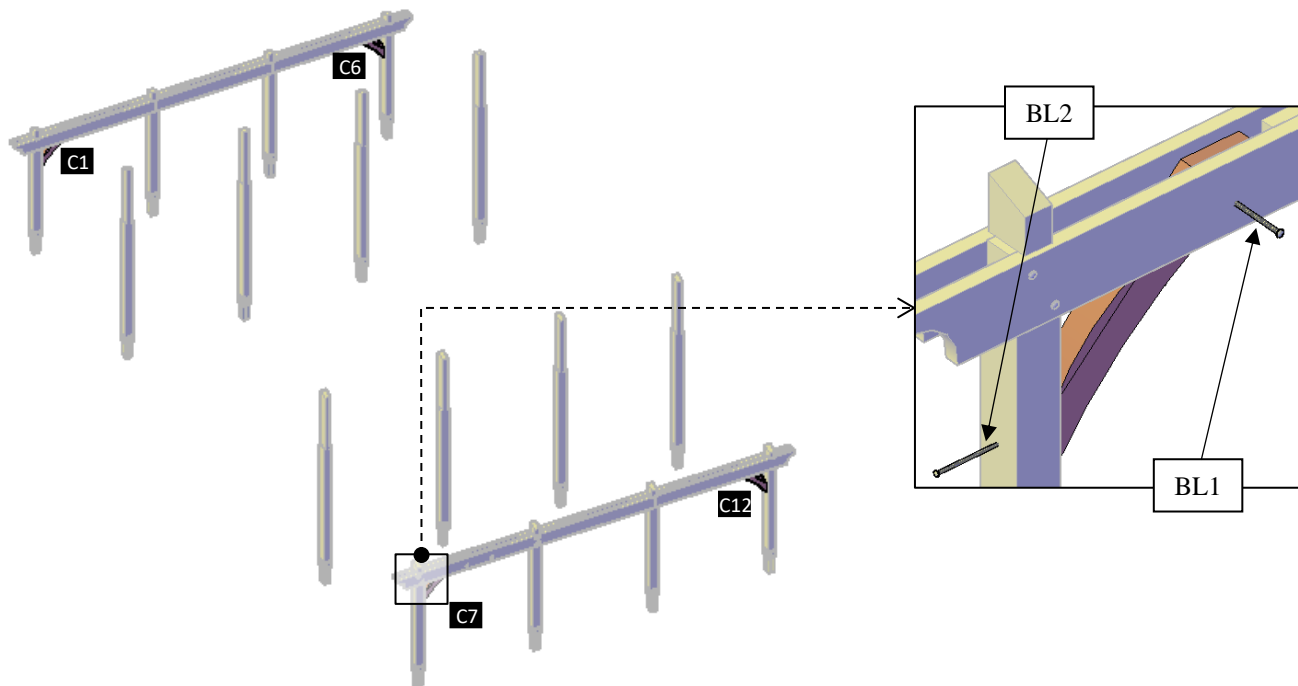
Step 3: Attach the in-between blocking (3) to the supports with 3/8" x 9" bolts (BL1) with washer and nuts. Check the marked numbers on each support with in-between blocking and place as drawings shown.

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

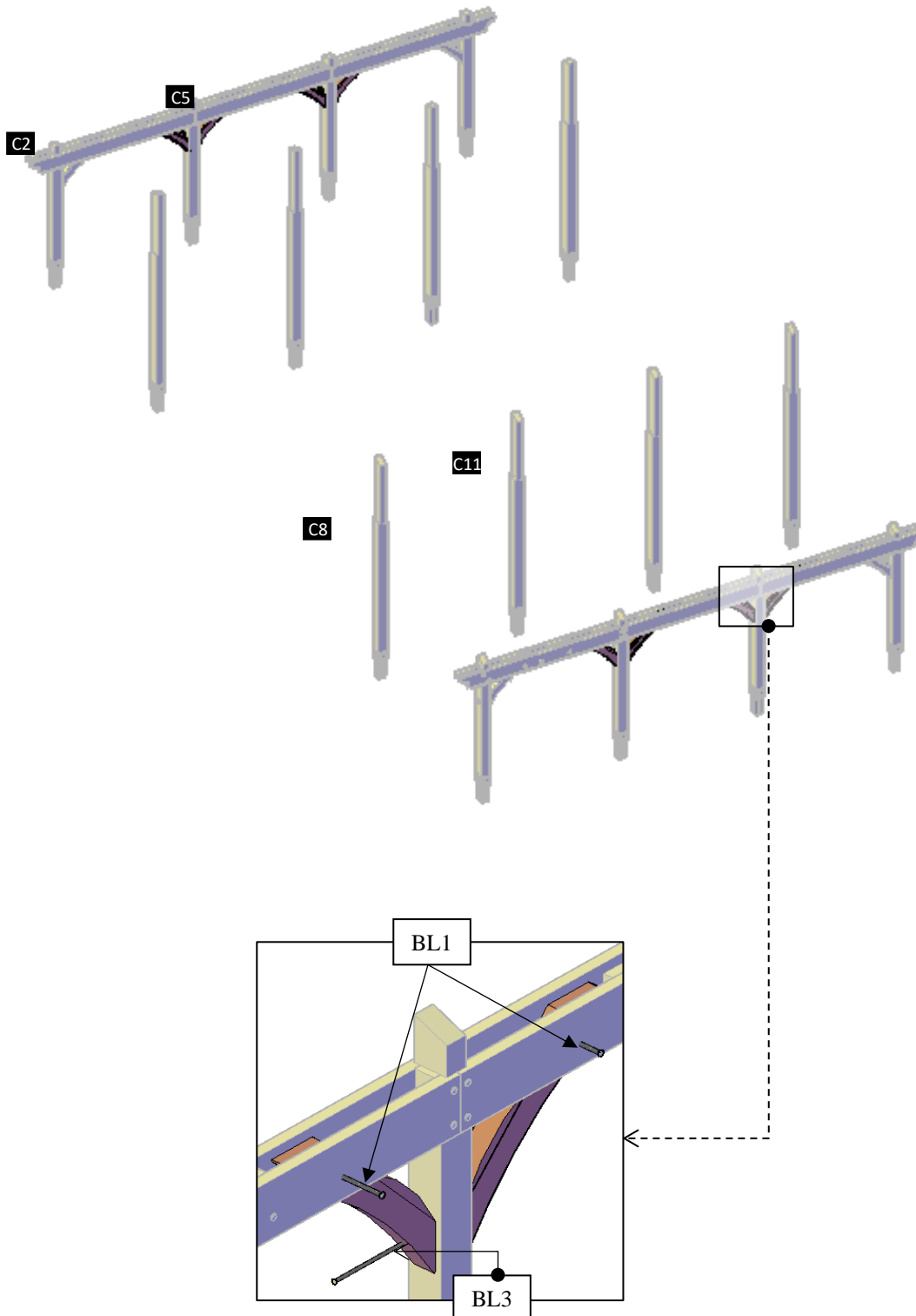
Note: return to the bolts described in the step 2 and tighten fully.



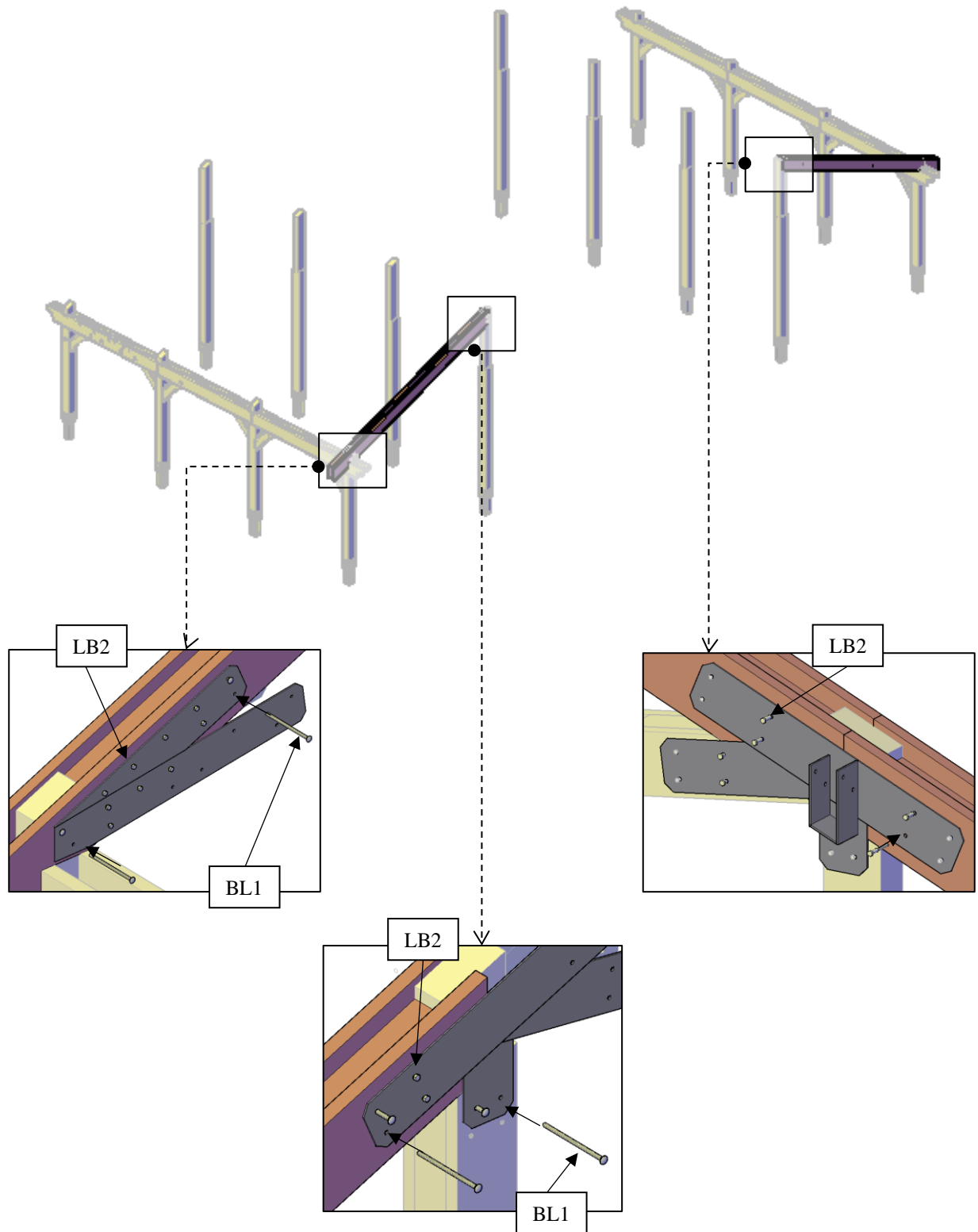
Step 4: Use 3/8" x 9" bolts (BL1) to attach the main knee brace (4) to the supports (2,3). After that use 1/2" x 12" bolts (BL2) to the posts (1). Check the marked numbers on each main knee brace and place as drawings shown.



Step 5: Attach the central main knee braces (4) to the posts (1) with $\frac{1}{2}$ " x 16" bolts (BL3). After that use $\frac{3}{8}$ " x 9" bolts (BL1) to the supports (2,3). Check the marked on each main knee brace and place as drawings shown.

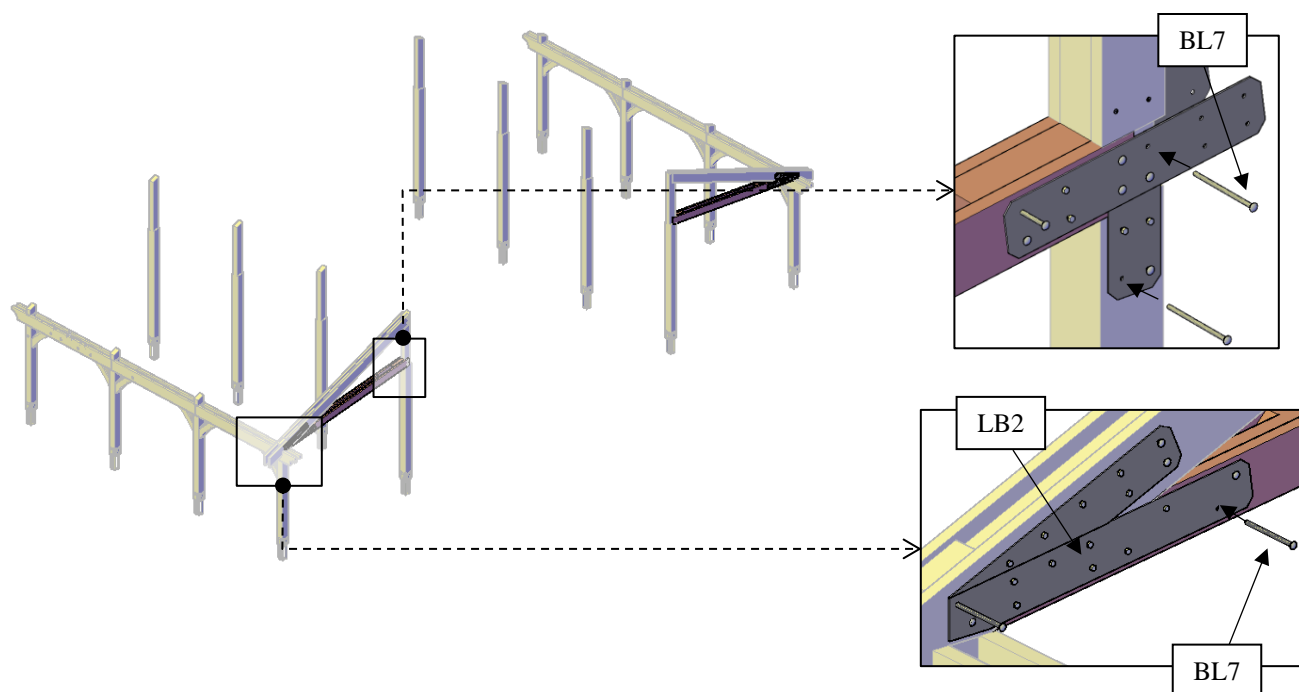


Step 6: Attach the section truss -A (5) to the posts (1) with metal plaque -A, D & E (17,20,23), 3/8" x 3 1/2" lag bolts (LB2) and 3/8" x 8 1/2" bolts (BL1). Check the marked on each section truss -A and place as drawings shown.

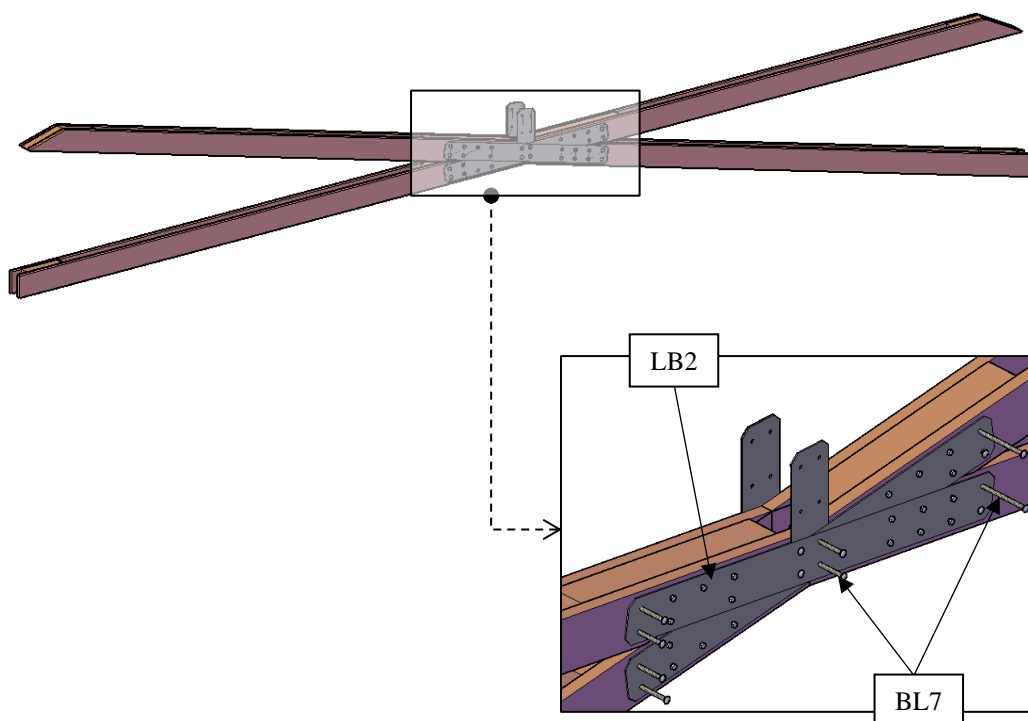


Step 7: Attach the section truss -B (5) to the large posts (1) with metal plaque -B & -A (18,17) and use 3/8" x 8 1/2" bolts (BL7) & 3/8" x 3 1/2" lag bolts (LB2). Check the marked on each section truss -B and place as drawings shown.

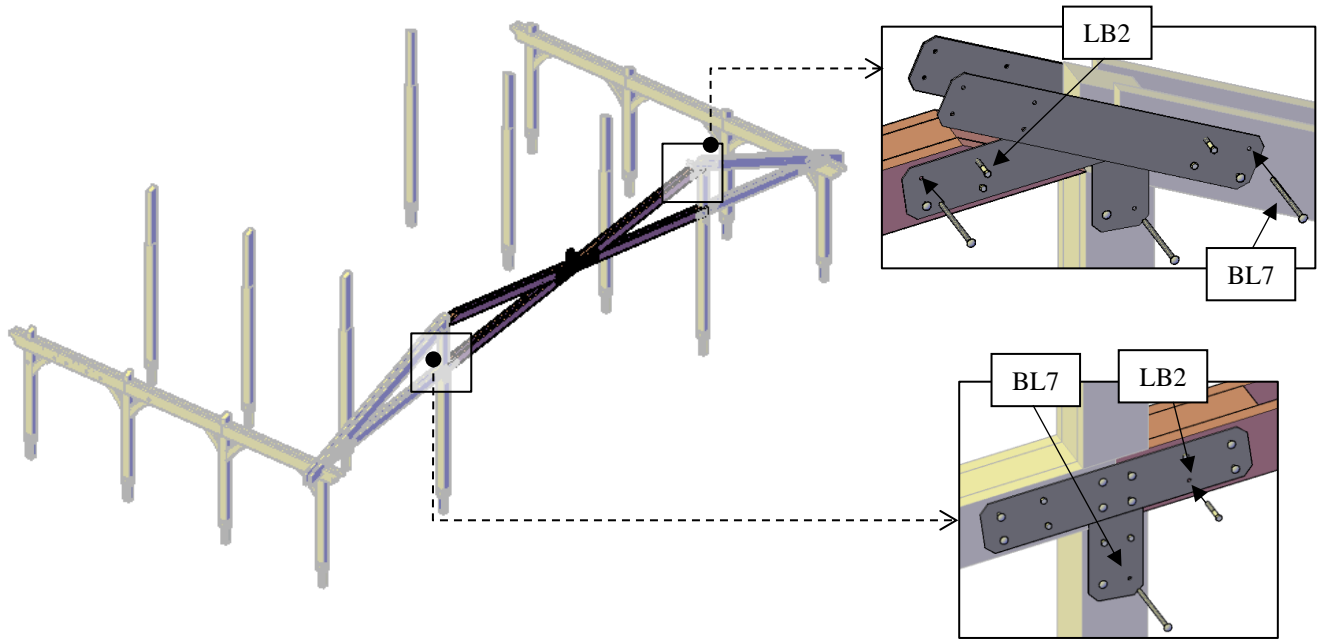
Note: to reinforce the pieces between them, deck screws will be used.



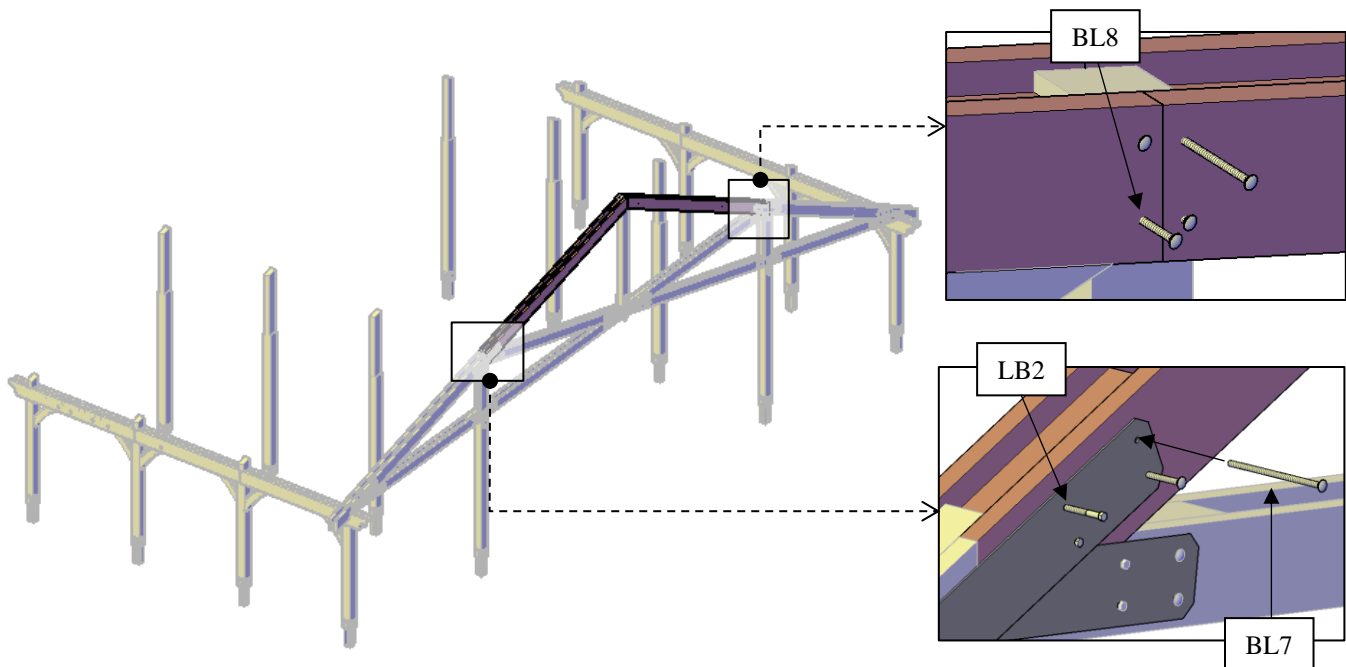
Step 8: Attach the section truss -C (5) between them with metal plaque -C (19) and 3/8" x 8 1/2" bolts (BL7) & 3/8" x 3 1/2" lag bolts (LB2). Check the marked on each section truss -C and place as drawings shown.



Step 9: Attach the section truss -D (5) to the posts (1) with metal plaque -B & -D (18,20) use 3/8" x 8 1/2" bolts (BL7) and 3/8" x 3 1/2" lag bolts (LB2). Check the marked on each section truss -D and place as drawings shown



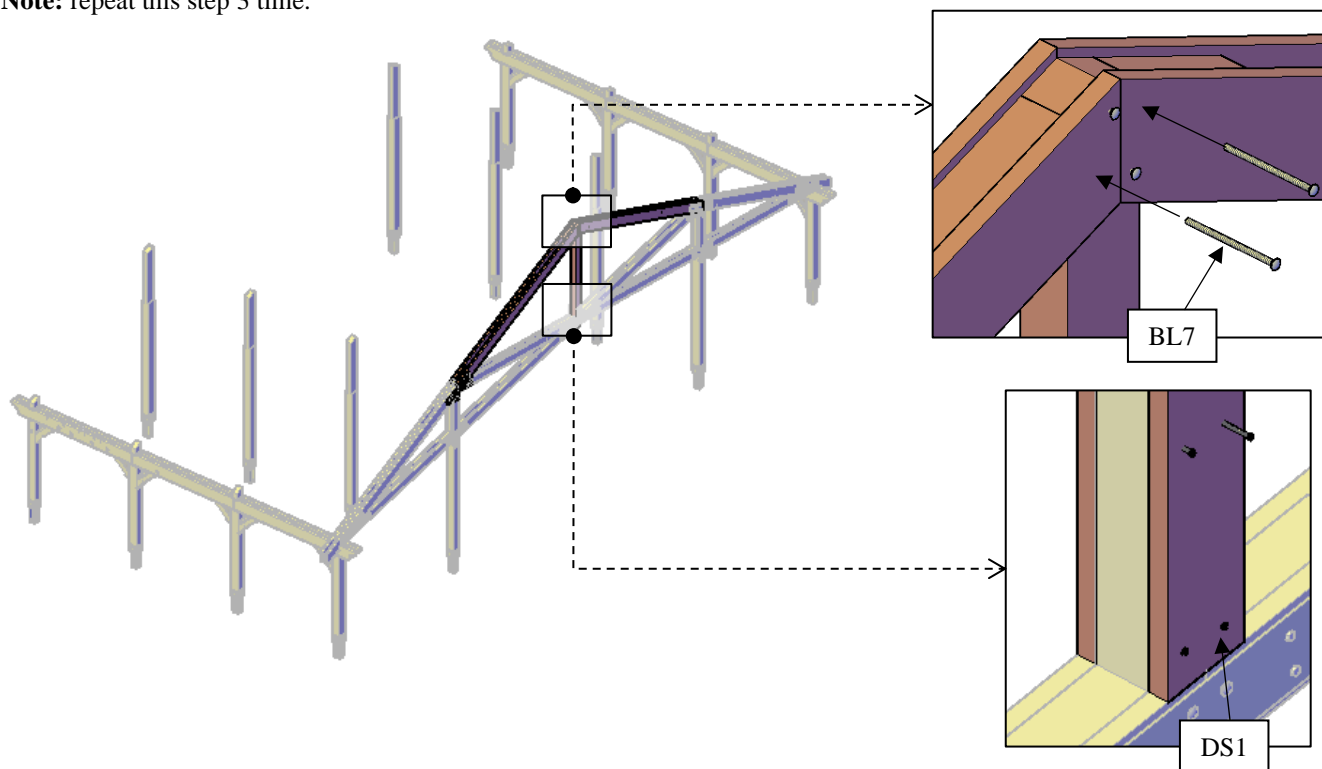
Step 10: Attach the section -D (5) to the posts (1) with metal plaque -D (20) use 3/8" x 8 1/2" bolts (BL7) and 3/8" x 3 1/2" lag bolts (LB2). After that use 3/8" x 7 1/2" bolts (BL8) to attach the roof truss (5) to the large posts (1). Check the marked on each section -D and place as drawings shown. **Note:** drilling will be completed on site. **Note:** to reinforce the pieces between them, deck screws will be used.



Step 11: Attach the section -D (5) to the king posts with 3/8" x 8 1/2" bolts (BL7). After that use 3" deck screws (DS1) to attach the cover top (6) to the king post. Check the marked on each section -D and place as drawings shown.

Note: return to the bolts described in the step 6 and tighten fully

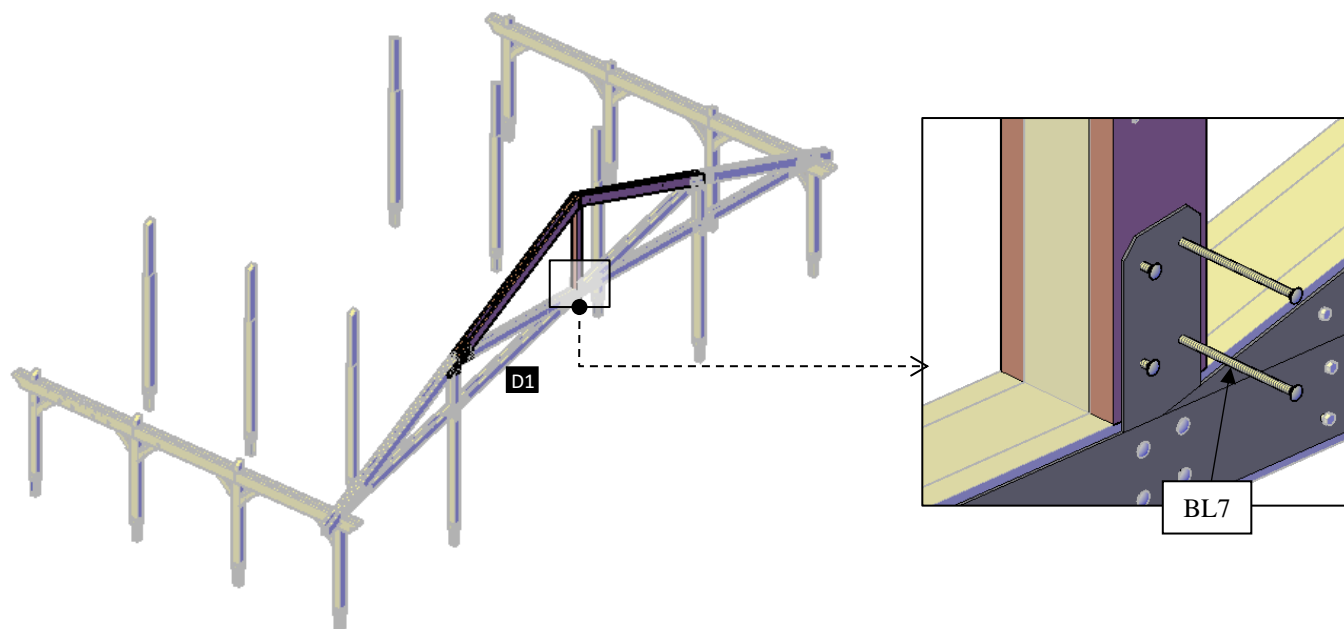
Note: repeat this step 3 time.



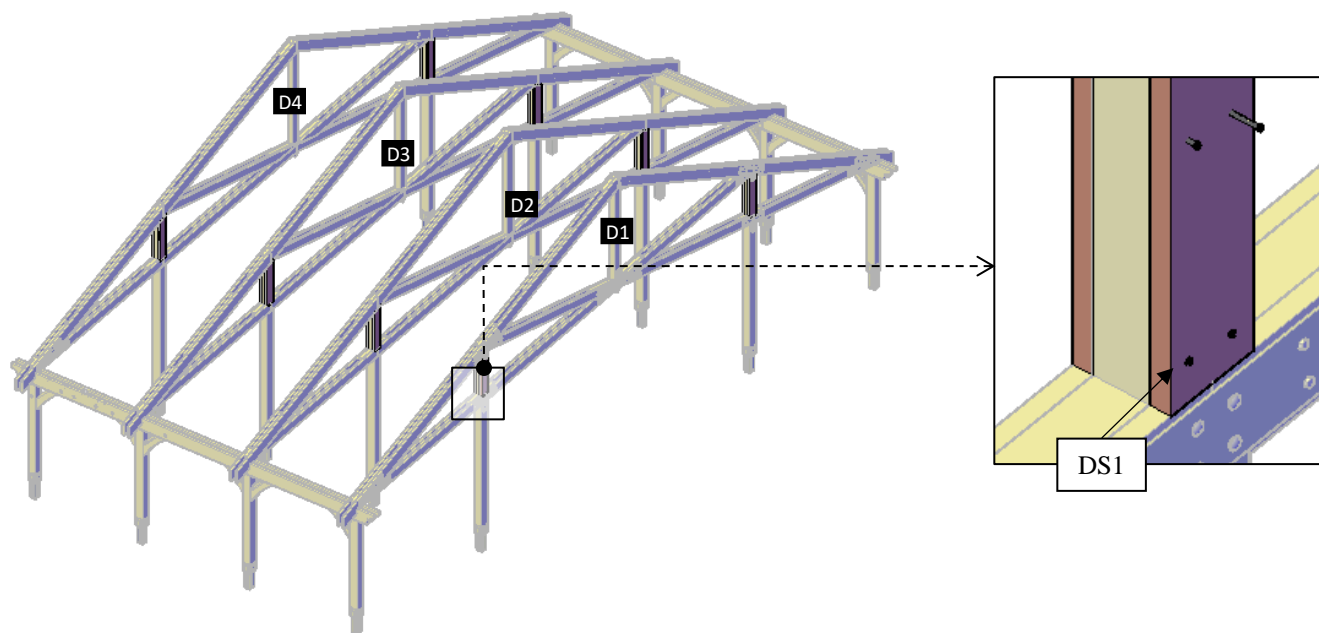
Step 12: Attach the section -C with 3/8" x 8 1/2" bolts (BL7) and metal plaque -C (19) to the king posts. Check the marked on each section -C and place as drawings shown.

Note: repeat this step 3 time.

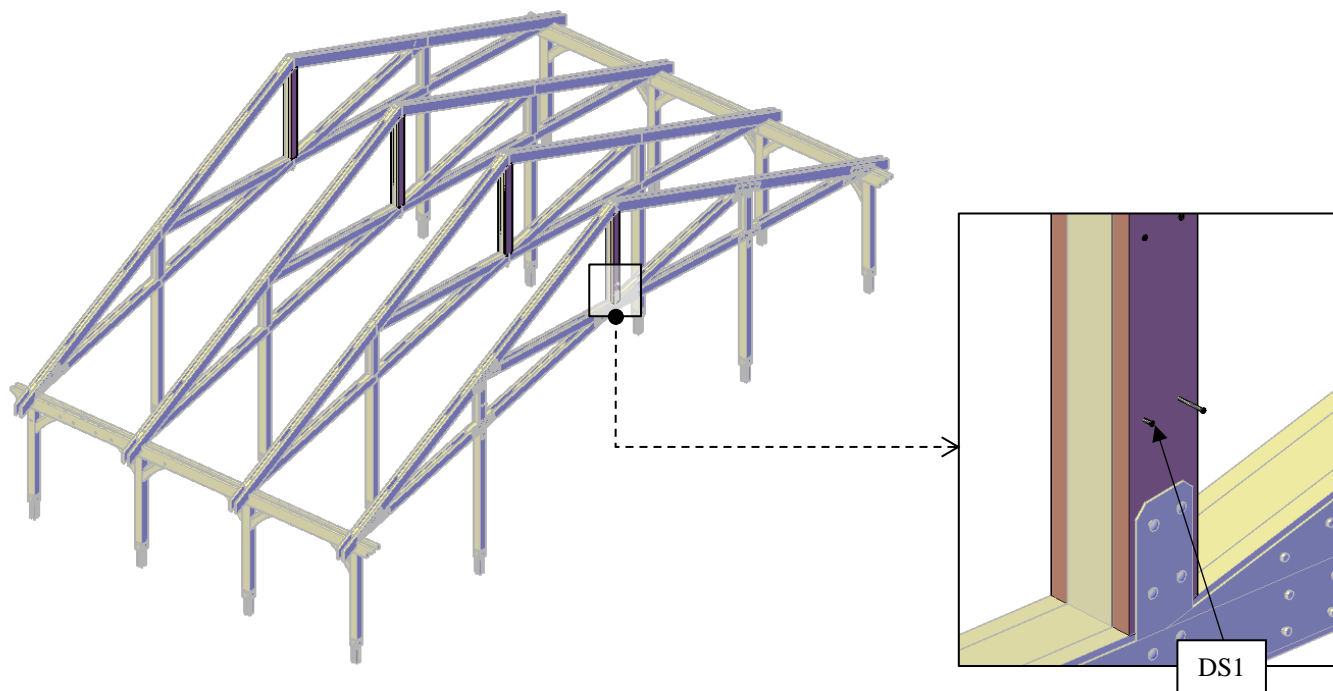
Note: to reinforce the pieces between them, deck screws will be used.



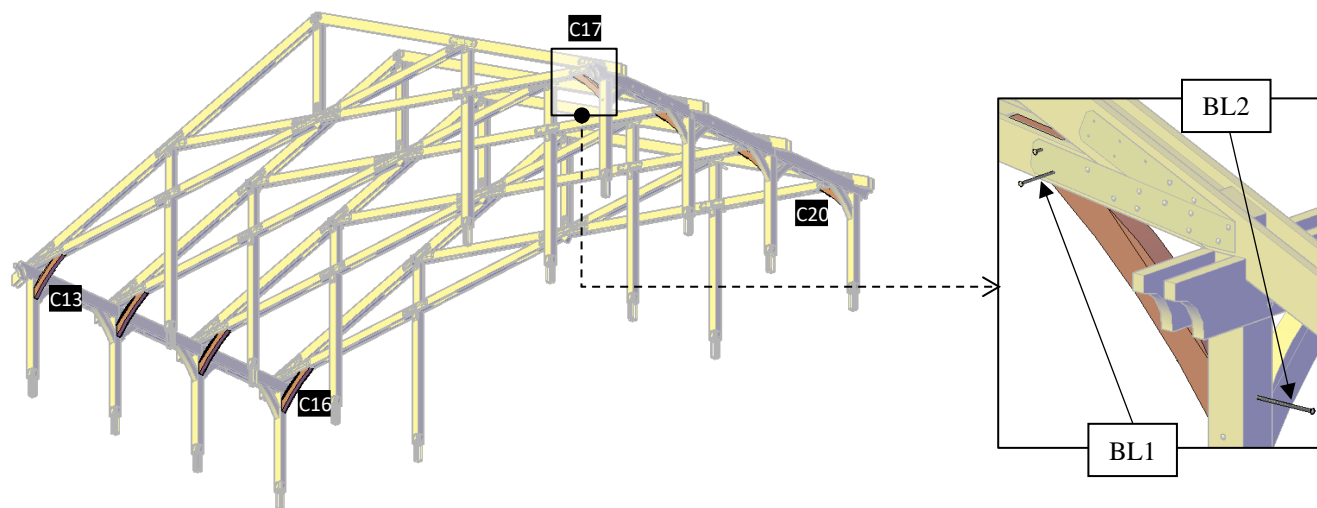
Step 13: Attach the cover top (6) to the large posts (1) with 3" deck screws (DS1). Check the marked on each cover top and place as drawings shown.



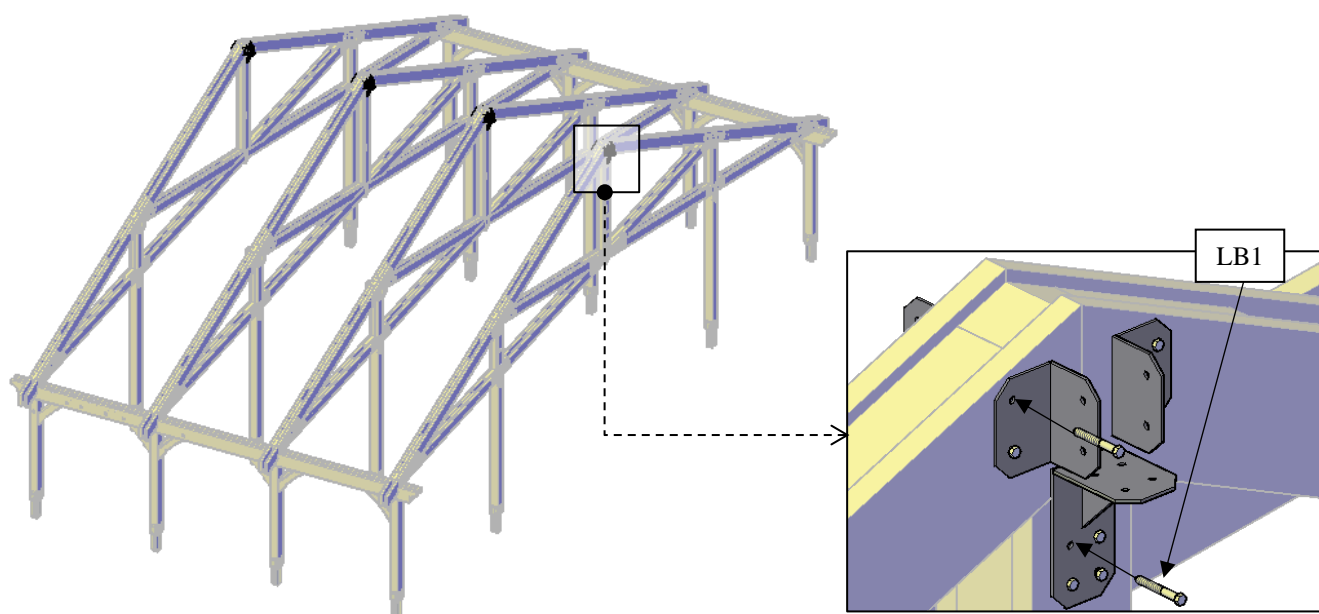
Step 14: Attach the cover top (6) to the king posts with 3" deck screws (DS1). Check the marked on each cover top and place as drawings shown.



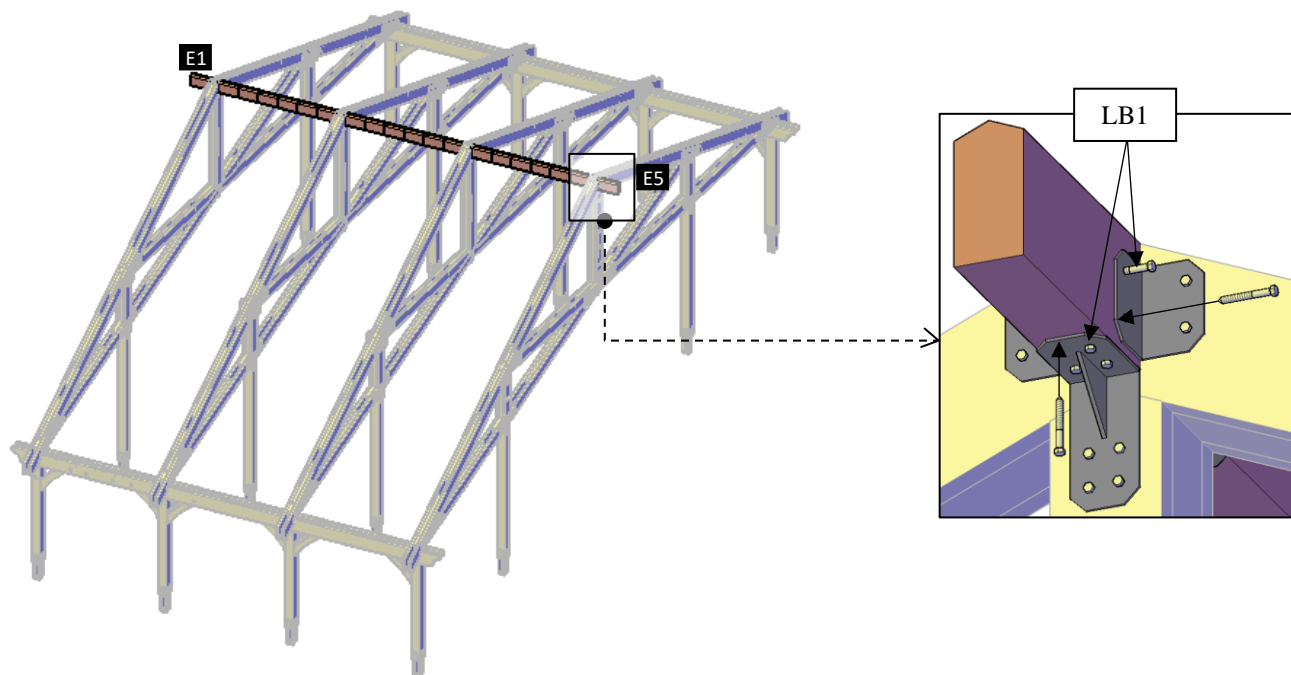
Step 15: Attach the secondary knee brace (7) to the roof trusses (5) with 3/8" x 9" bolts (BL1). After that use 1/2" x 12" (BL2) to the posts (1). Check the marked on each secondary knee brace and place as drawings shown.



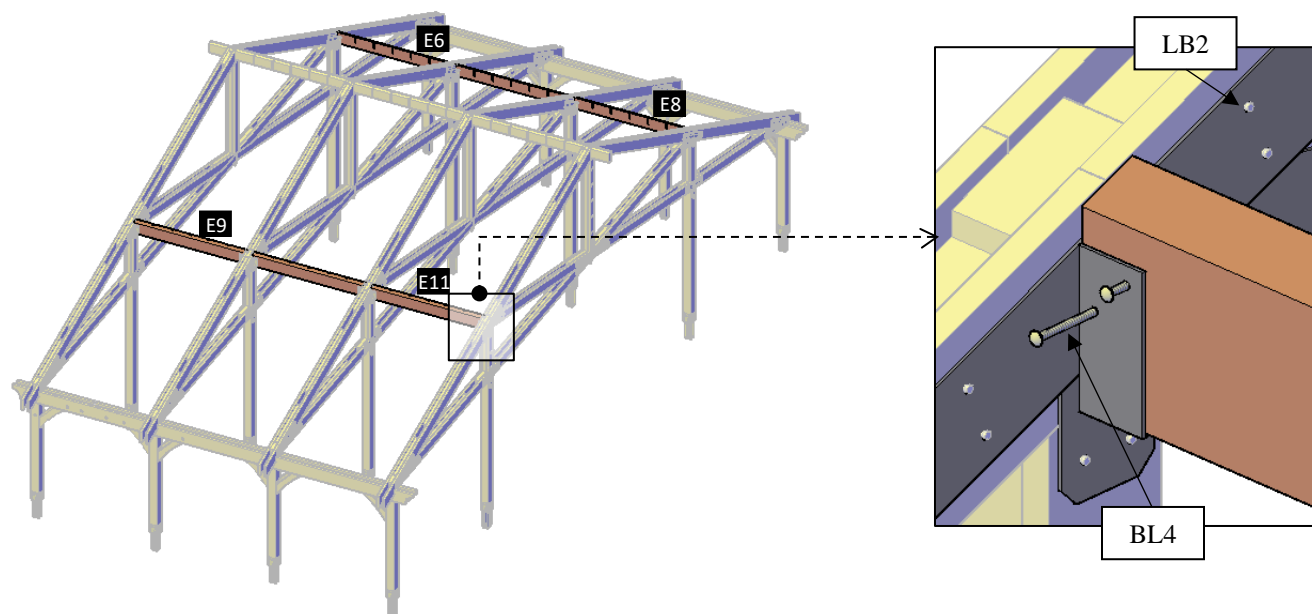
Step 16: Attach the L-plaques -A & B (21,22) and to the roof trusses (5) with 3/8" x 3 1/2" lag bolts (LB1). Check the marked on each ridge beam -A and place as drawings shown.



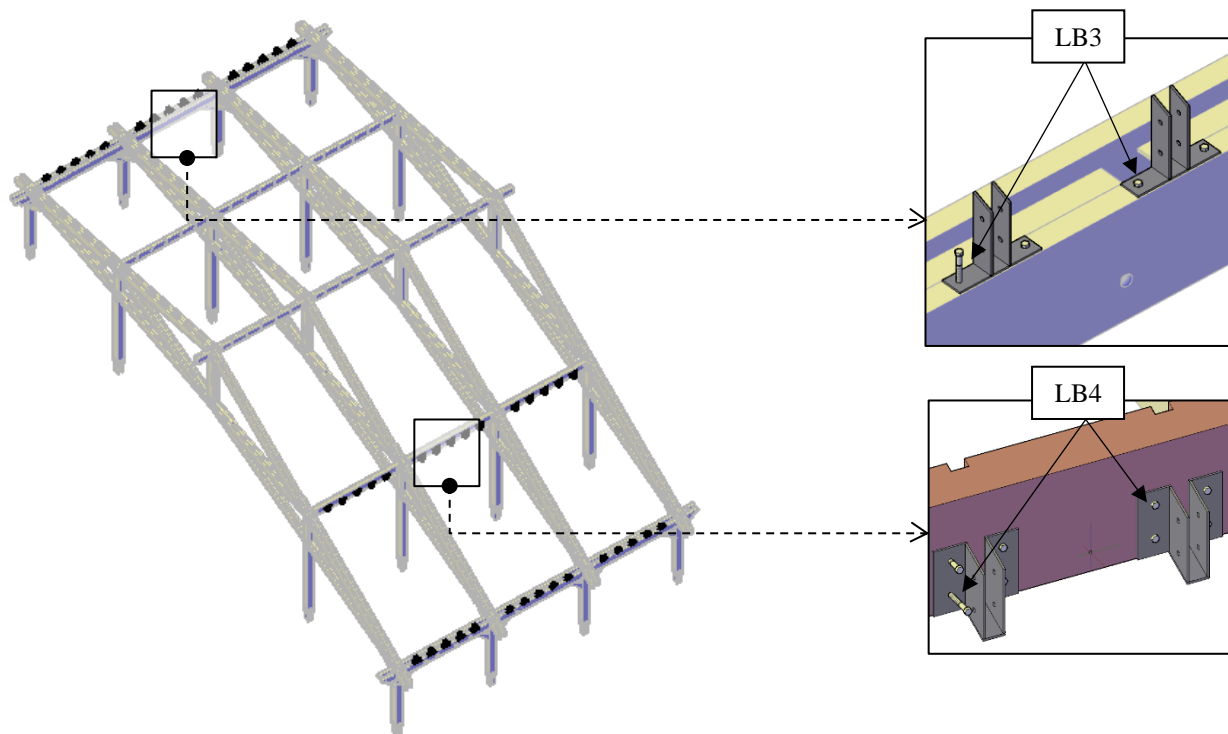
Step 17: Attach the ridge beam -A (8) to the L-plaques -A & B (21,22) and to the roof trusses (5) with 3/8" x 3 1/2" lag bolts (LB1). Check the marked on each ridge beam -A and place as drawings shown.



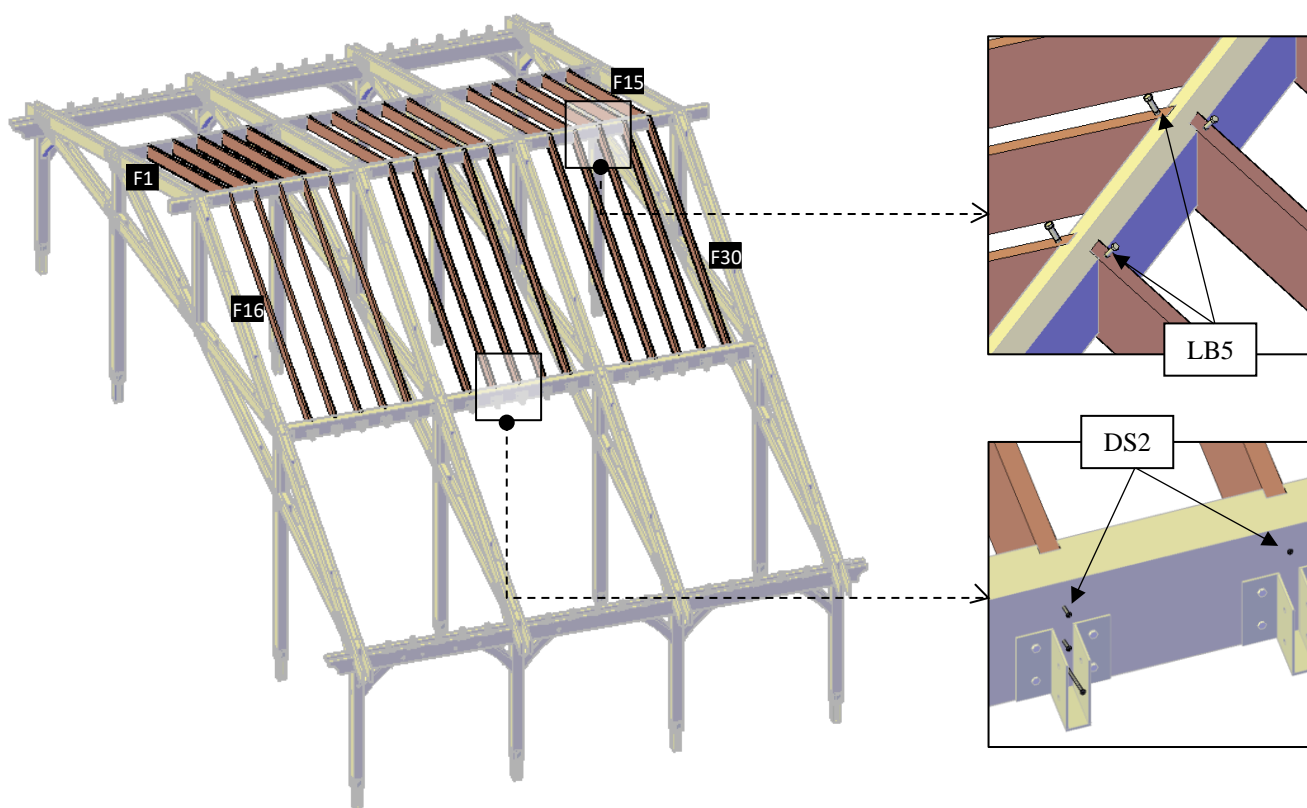
Step 18: Attach the metal plaque -E (23) to the ridge beam -B (9) with 3/8" x 4 1/4" bolts (BL4) and 3/8" x 3 1/2" lag bolts (LB2).



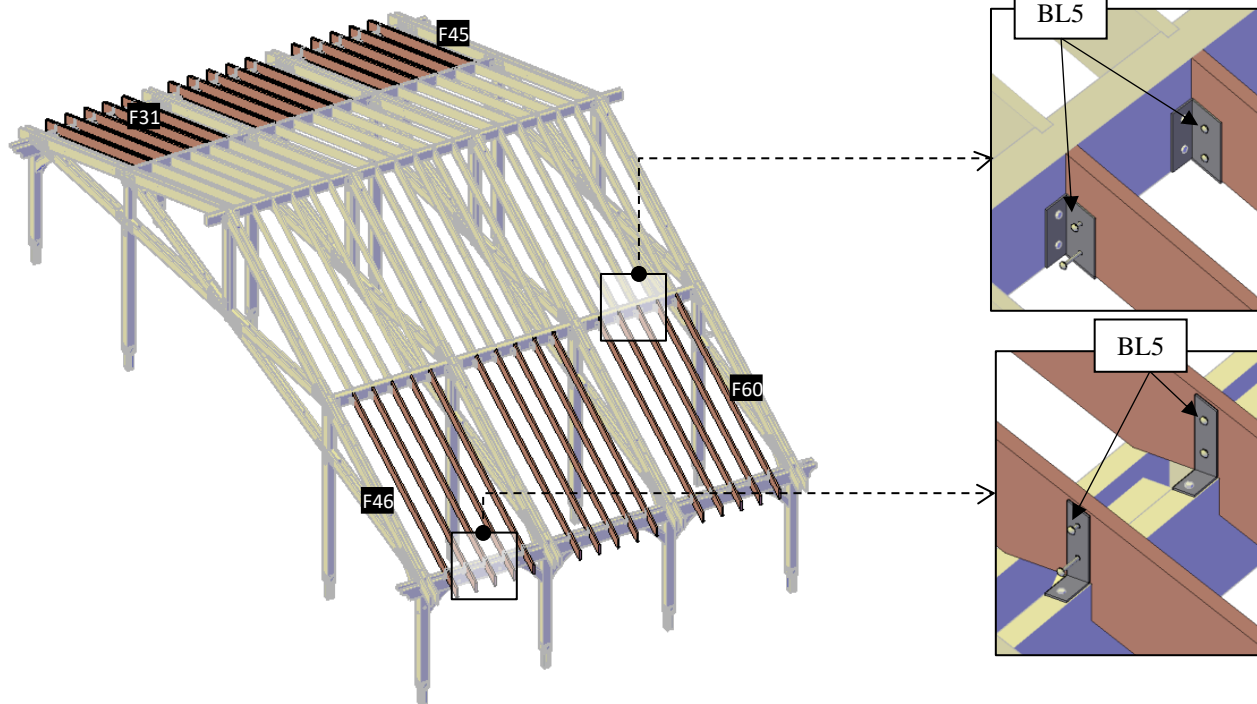
Step 19: Attach the metal plaque -F (24) to the supports (2) with 3/8" X 2 1/2" lag bolts (LB3). After that use 3/8" x 2" bolts (LB4) to attach the metal plaque -G (25) to the ridge beam -B (9).



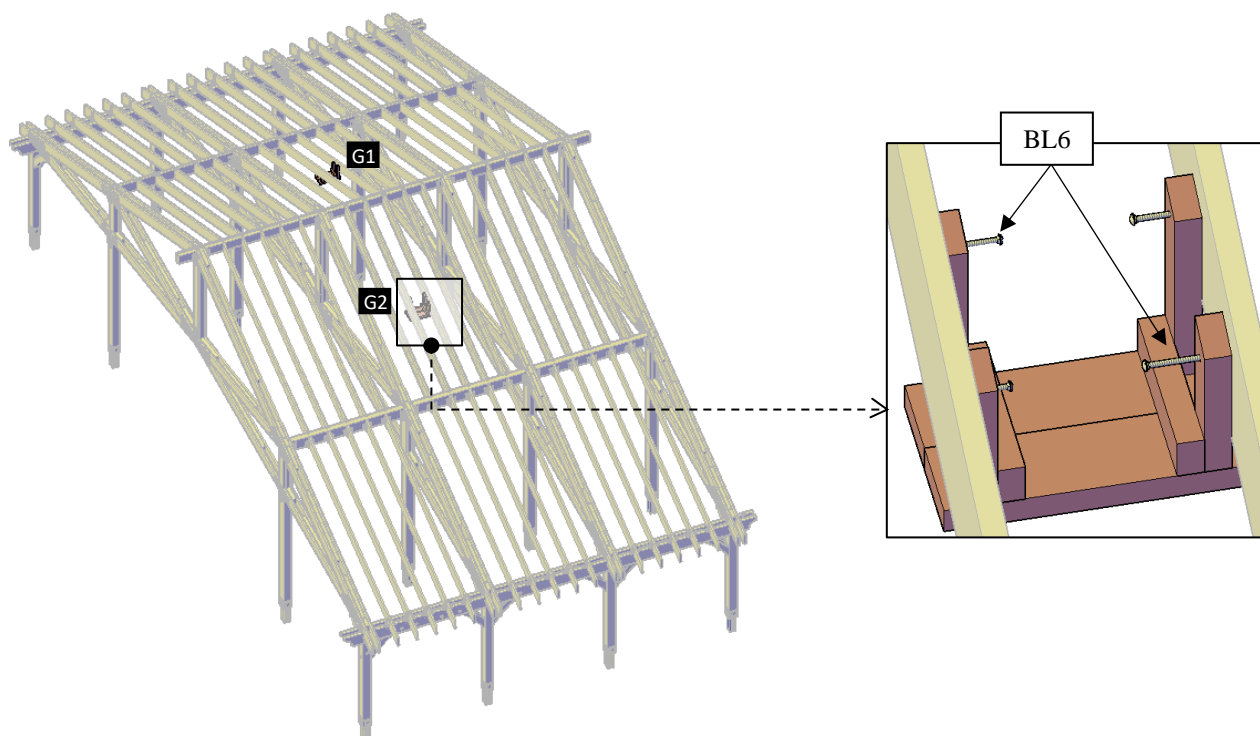
Step 20: Attach the rafter (10) to the ridge beam -A (8) with 3/8" x 4 1/2" lag bolts (LB5) and to the ridge beam -B (9) with 4" deck screws (DS2). Check the marked on each rafter and place as drawings shown.



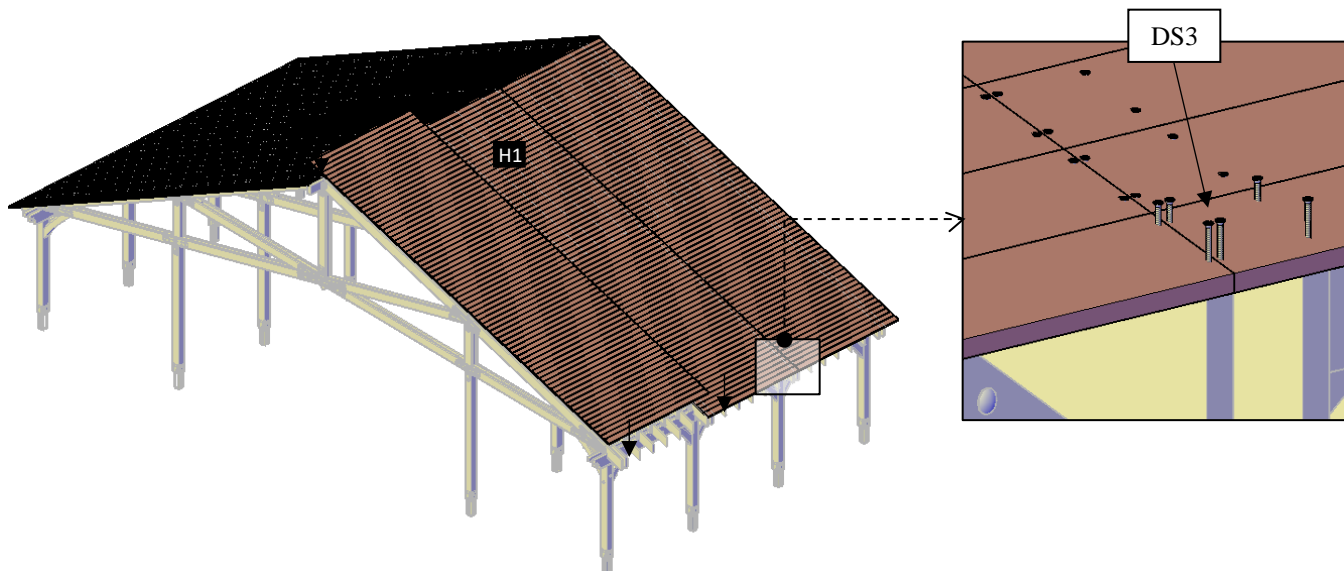
Step 21: Attach the rafter (10) to the metal plaque -F (24) and metal plaque -G (25) with 3/8" x 2 3/4" bolts (BL5). Check the marked on each rafter and place as drawings shown.



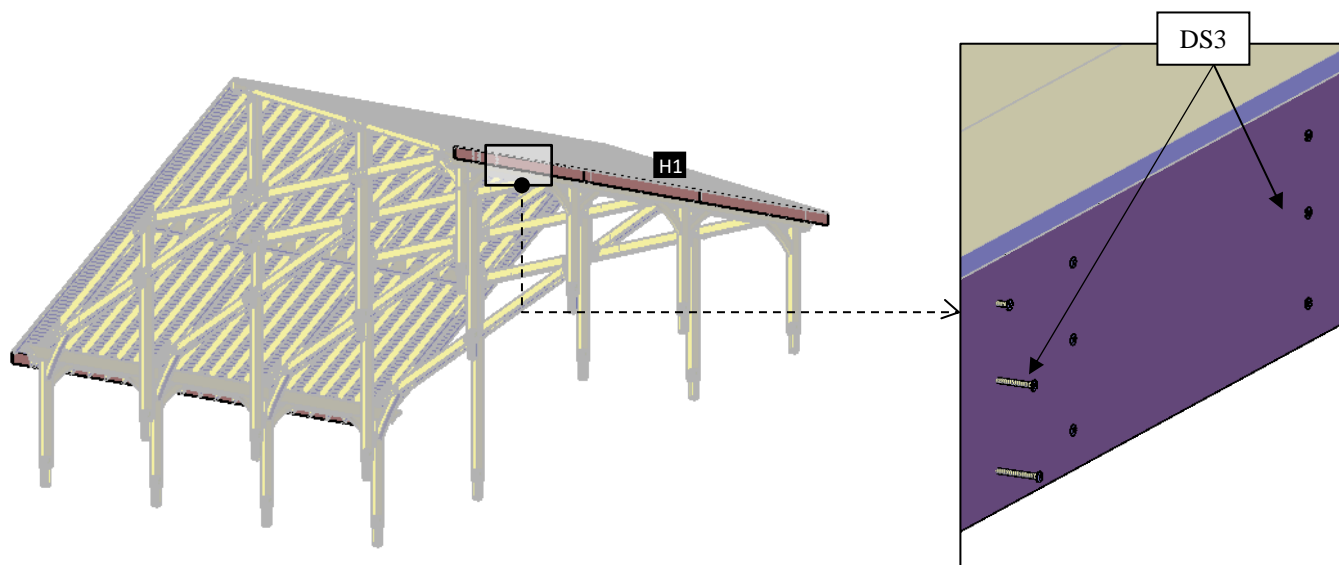
Step 22: Attach the ceiling fan base (11) to the rafters (10) with 5/16" x 3" bolts (BL6). Check the marked on each ceiling fan base and place as drawings shown.



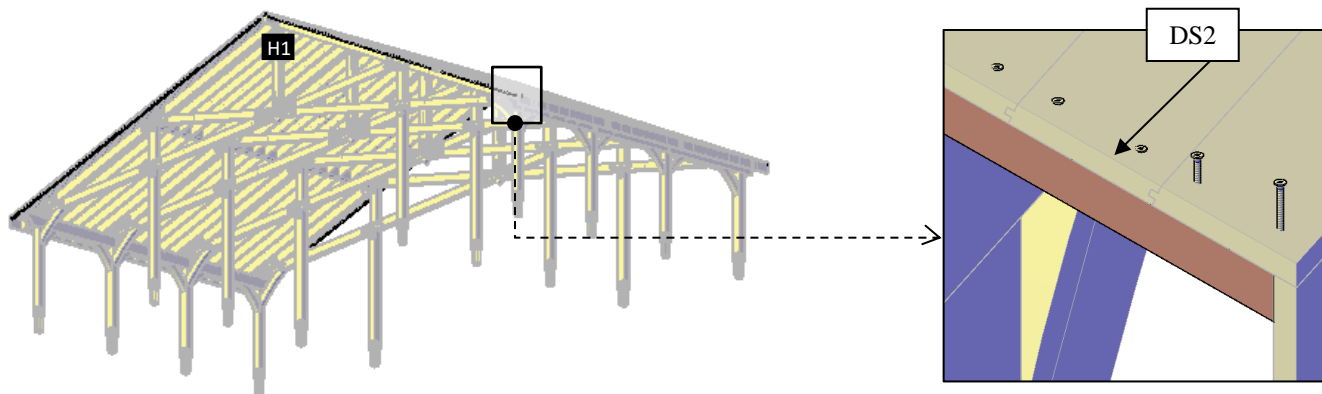
Step 23: Attach the roof board (12) to the rafters (10) and to the roof trusses (5) with 2" deck screws (DS3). Check the marked numbers on each roof board and place as drawings show.



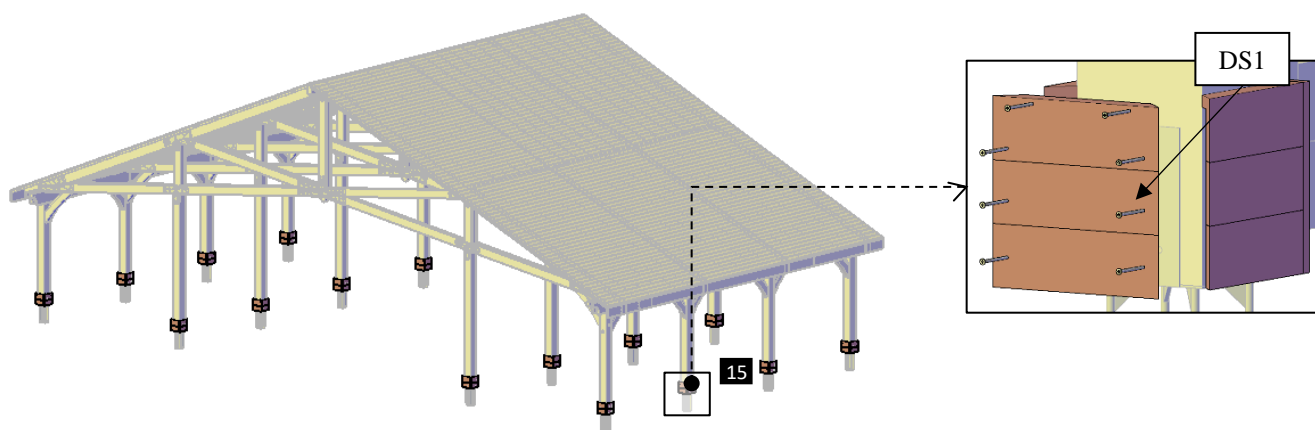
Step 24: Use 2" deck screws (DS3) to attach the fascia (13) to the roof trusses (5) and to the rafters (10). Check the marked on each fascia and place as drawings shown.

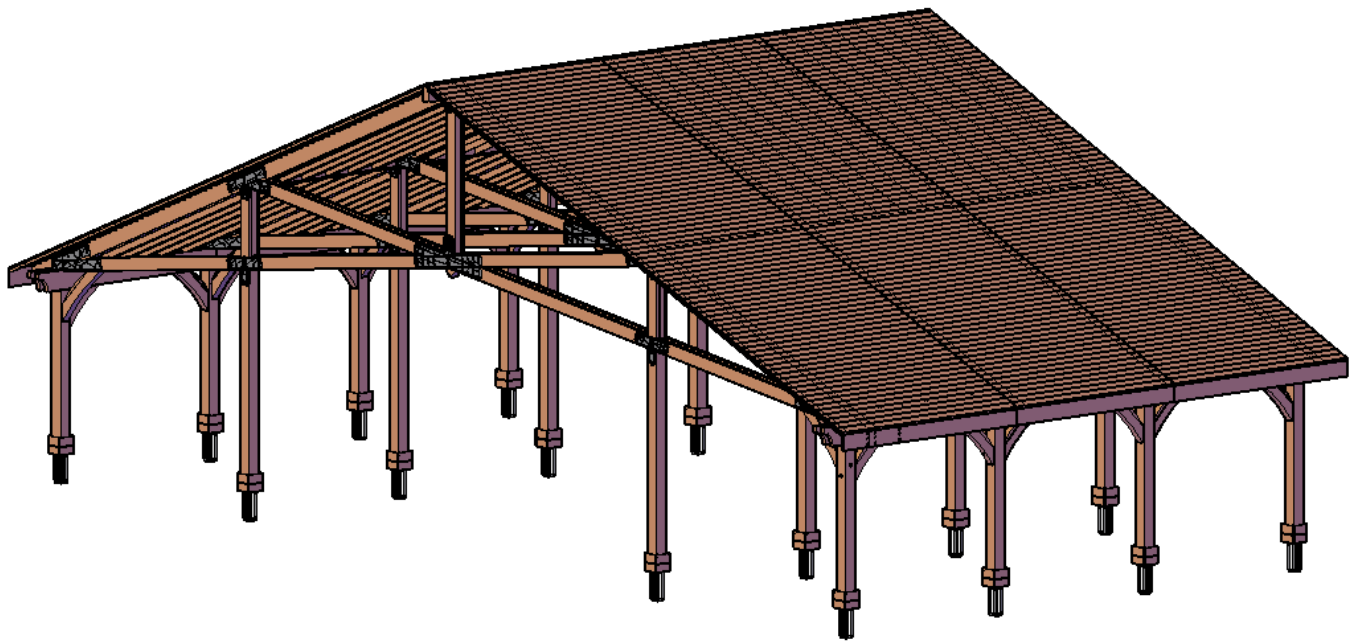


Step 25: Attach the overhang board (14) to the roof boards (12) with 4" deck screws (DS2). Check the marked on each overhang board and place as drawings shown.



Step 26: Finally, attach the boots (15) to each post with 3" 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.