



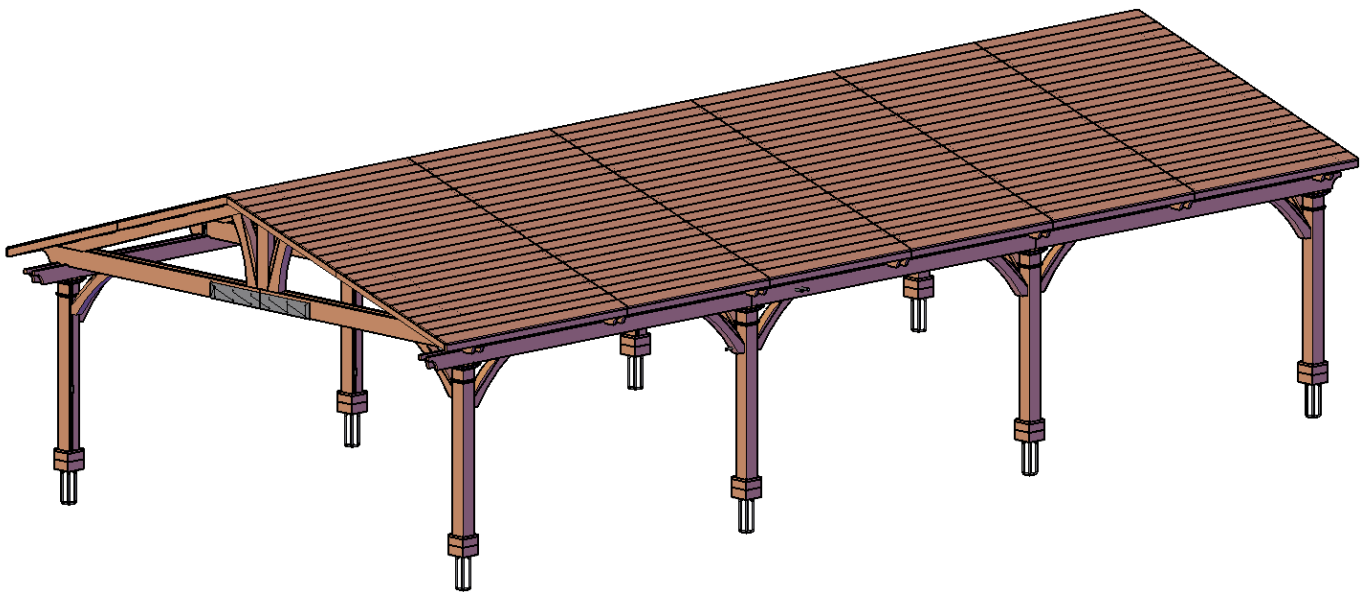
FOREVER REDWOOD

From the Forest, For the Forest since 1995

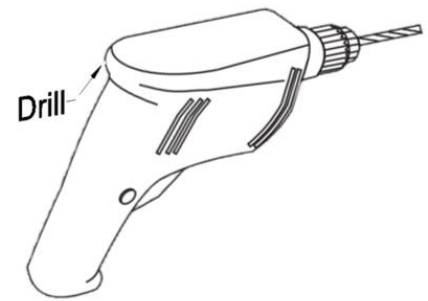
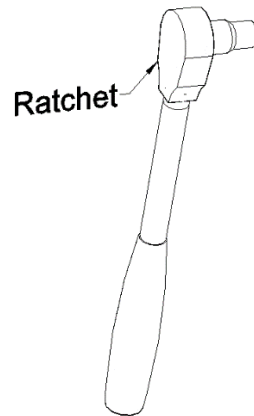
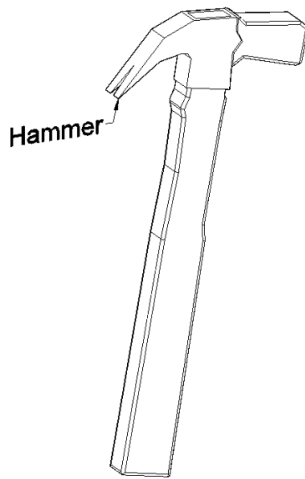
619-639-7503 or 619-677-1965 -Direct Lines for the Engineering Department

7am – 5pm Pacific Time, Monday - Friday

ASSEMBLY INSTRUCTIONS FOR THE EL PASO WEDDING PAVILION

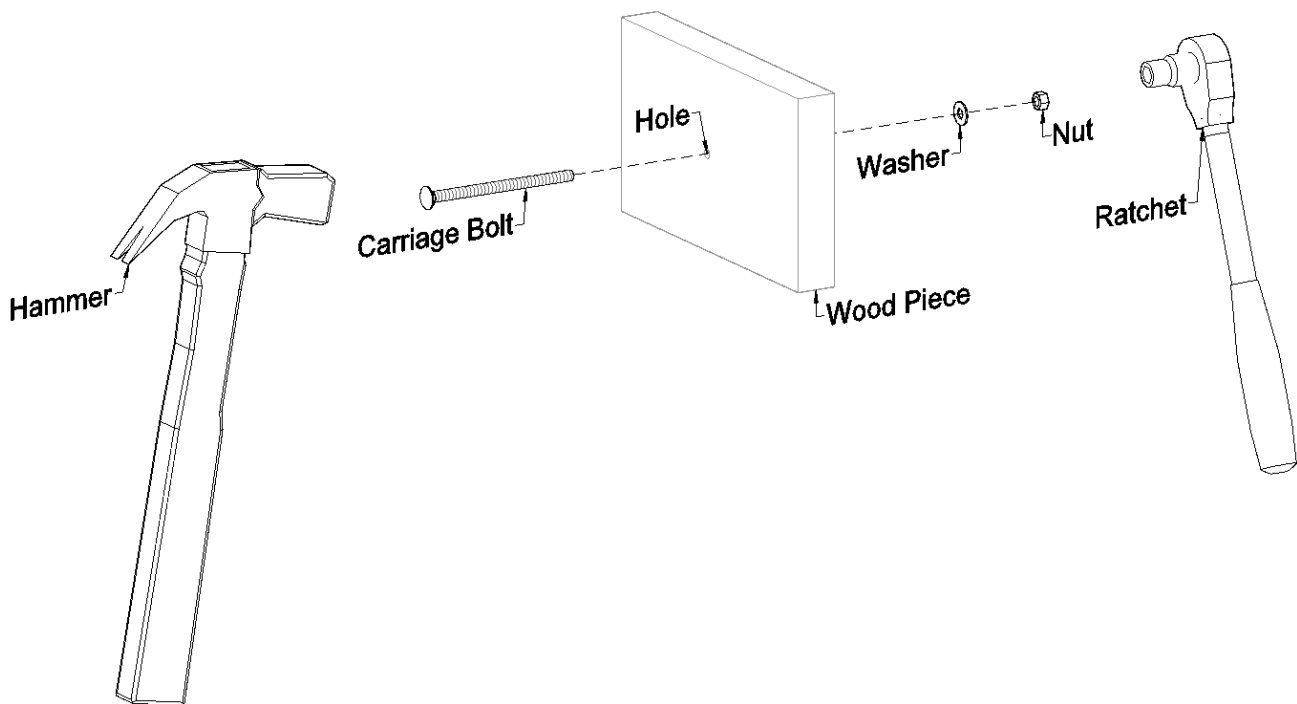


NOTE: To assemble your product, you need a Hammer, a Ratch, a Drill, and an impact drill. For bigger structures, a forklift may be needed too.



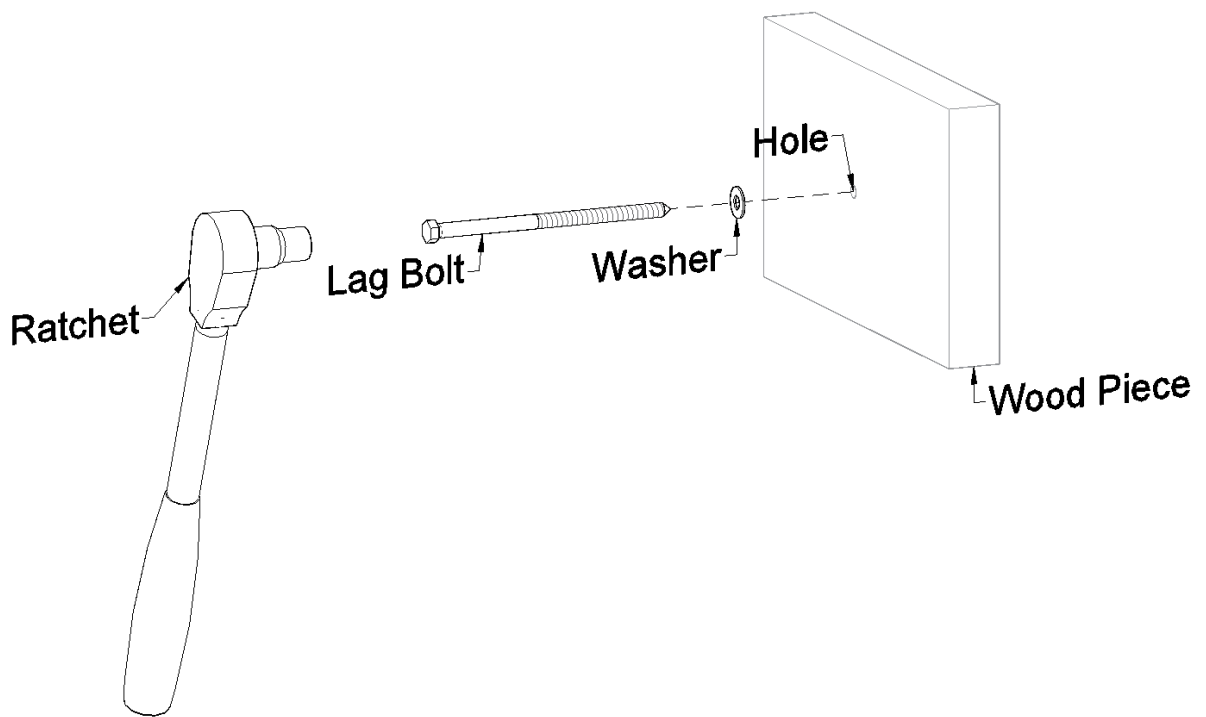
Required Tools (Are not included in your hardware packing).

PROCESS TO INSTALL THE HARDWARE PROVIDED.



To install the bolts.

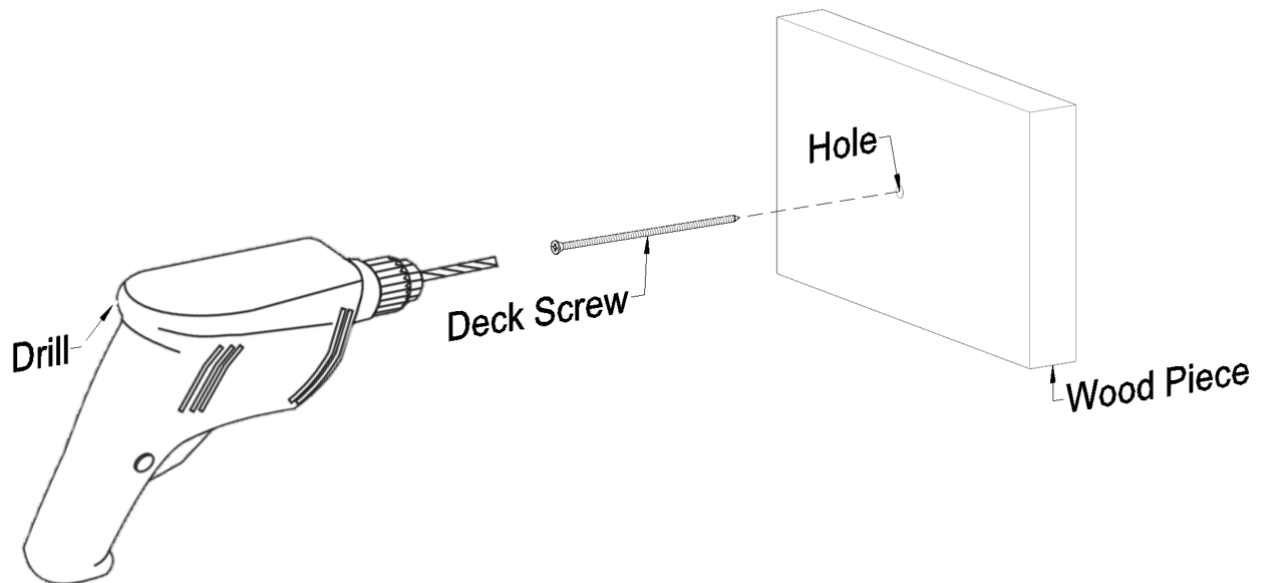
Insert the carriage bolts into the holes and lightly tap with a hammer until the square neck fit in the wood piece and the bolt head must flush with the wood piece. Finally, place the washer and the nut and carefully tighten it using a ratchet with the necessary socket or a wrench.



To install the lag bolts.


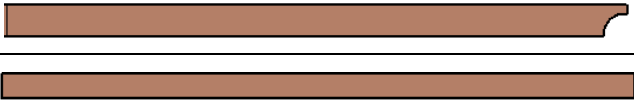

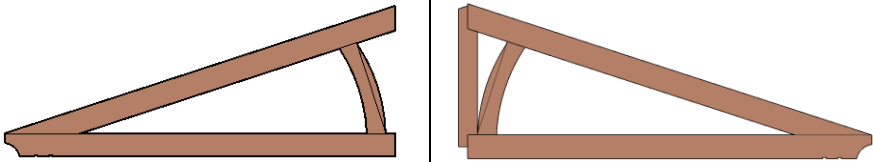

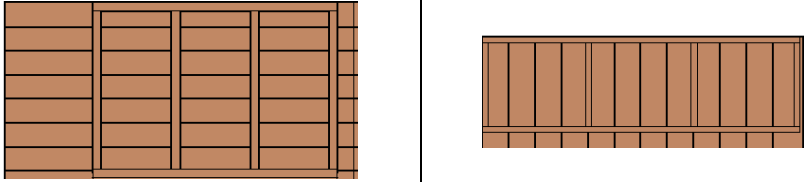

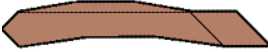



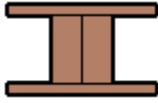
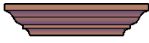



Place the washers in their lag bolts. After that, insert the lag bolts into the holes and carefully tighten it using a **ratch** with the necessary **socket**.

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.

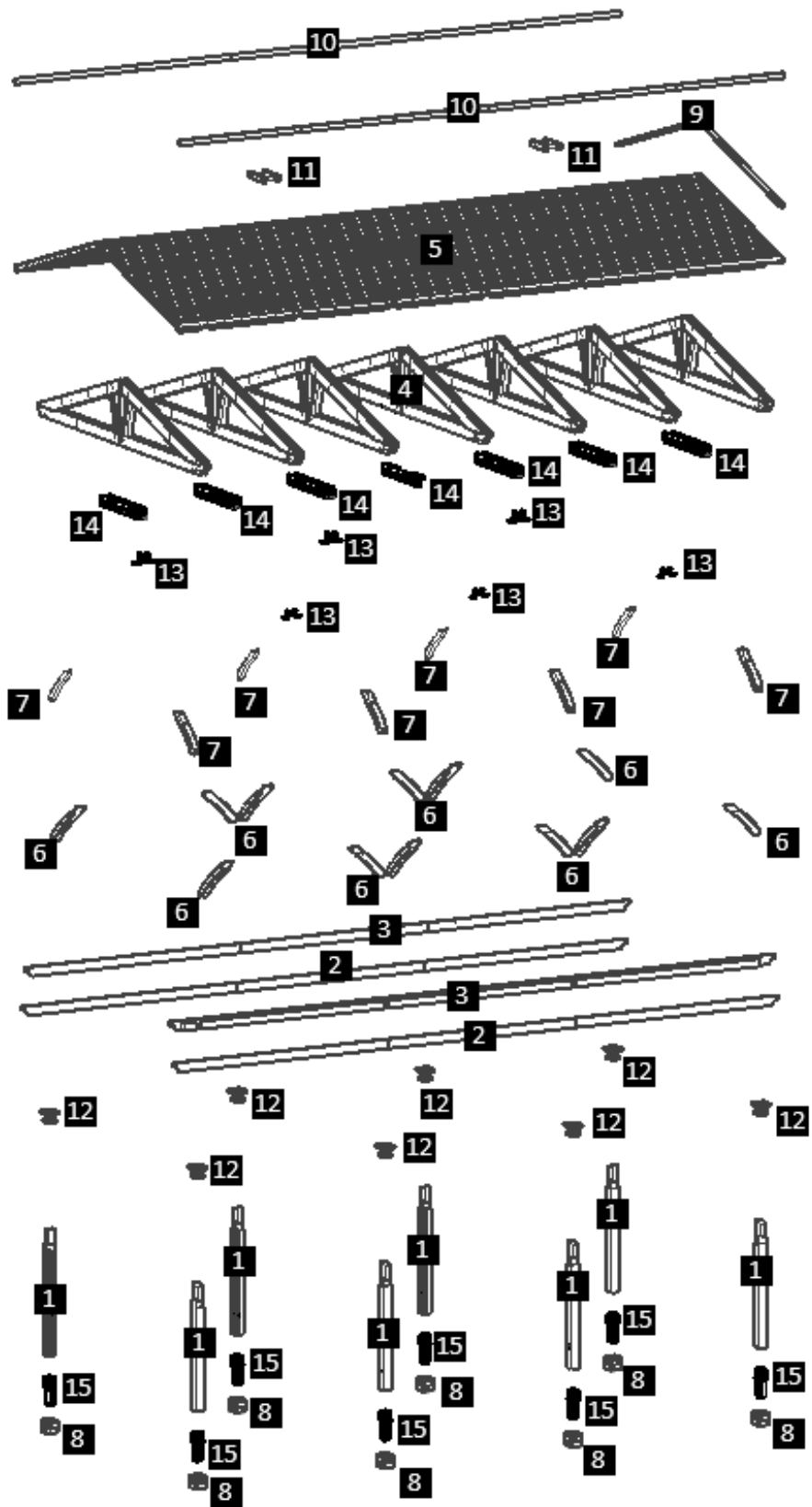
CONTENT OF BOXES			
Qty.	Description	Drawing	No.
8	Posts		1
4/2	Single Supports		2
4/2	Supports with Blocking		3
7/7	Roof Trusses		4
7	Tie beam		4.1
36/4	Roof panel		5
12	Main Knee Braces		6
8	Secondary Knee Braces		7
8	Boot		8
2	Roof trims		9
12	Fascias		10
2	Ceiling fan bases		11
16	Molding		12
12	L-plaques		13
7/7	Custom Metal plaque		14
8	High Wind Anchor Base		15

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.
144	3/8" x 3" Lag Bolts		LB1
178	3/8" x 7 1/2" bolts		BL1
70	3/8" x 7 3/4" bolts		BL2
12	3/8" X 13" Bolts		BL3
4	3/8" X 18" Bolts		BL4
68	3/8" x 8 1/2" bolts		BL5
12	3/8" x 9" bolts		BL6
72	3/8" x 10 1/2" bolts		BL7
75	5/16" x 3" bolts		BL8
8	3/8" x 3 1/2" bolts		BL9
560	3" deck screws		DS1
1200	1 5/8" deck screws		DS2
104	3/8" washers		WS
104	3/8" Nuts		NS

DESCRIPCION	No.
Posts	1
Single Supports	2
Supports with Blocking	3
Roof Trusses	4
Roof panel	5
Main Knee Braces	6
Secondary Knee Braces	7
Boot	8
Roof trims	9
Fascias	10
Ceiling fan bases	11
Molding	12
L-plaques	13
Custom Metal plaque	14
High Wind Anchor Base	15

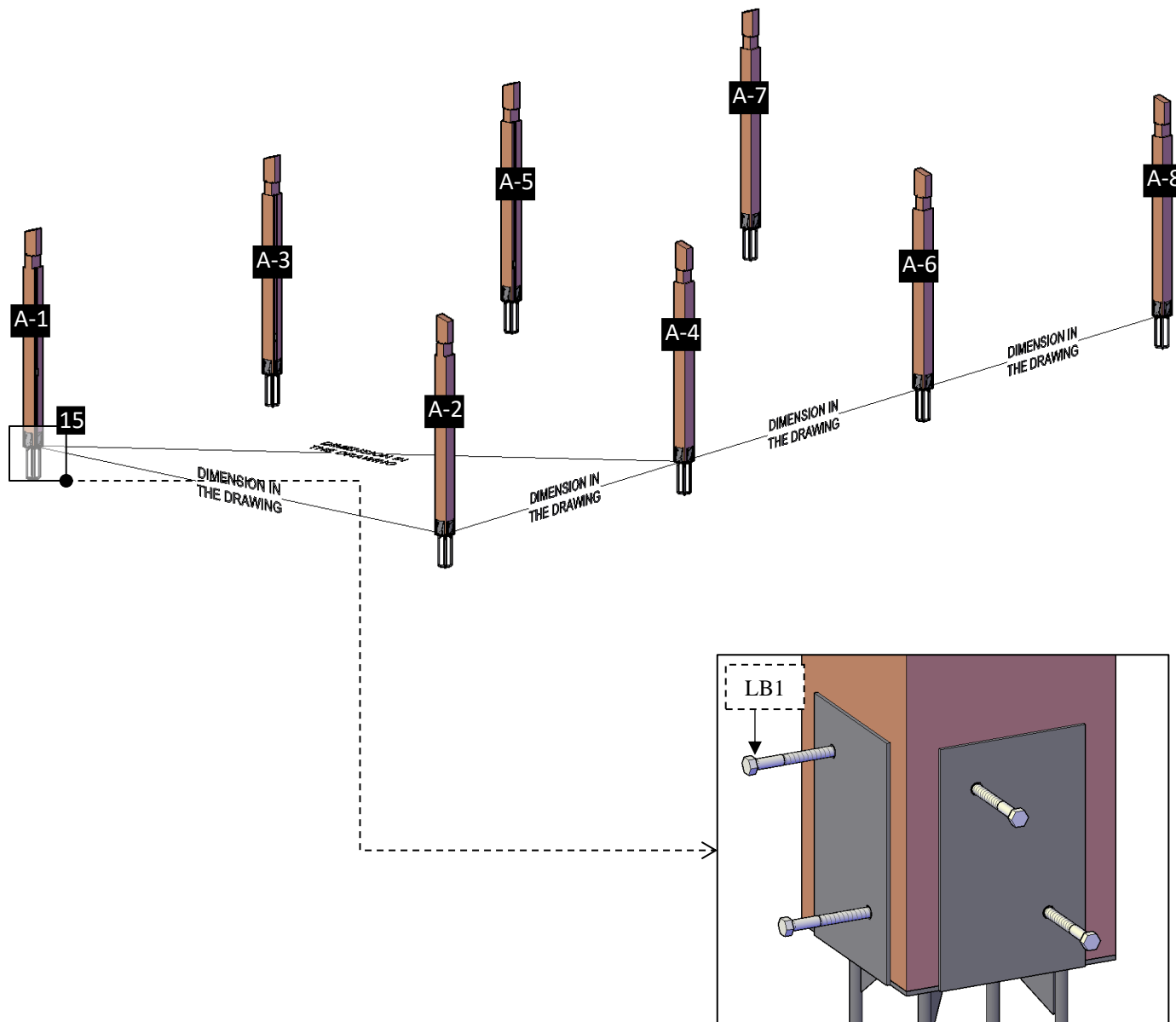



Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on the parts sent.

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).

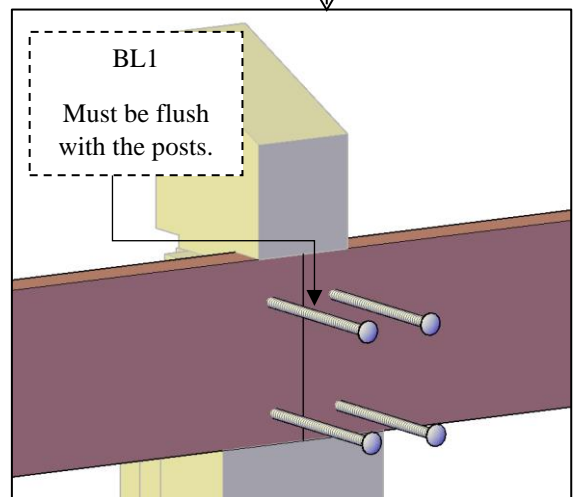
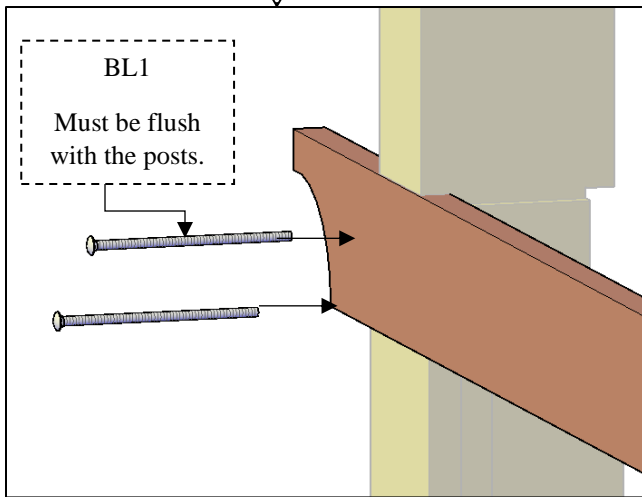
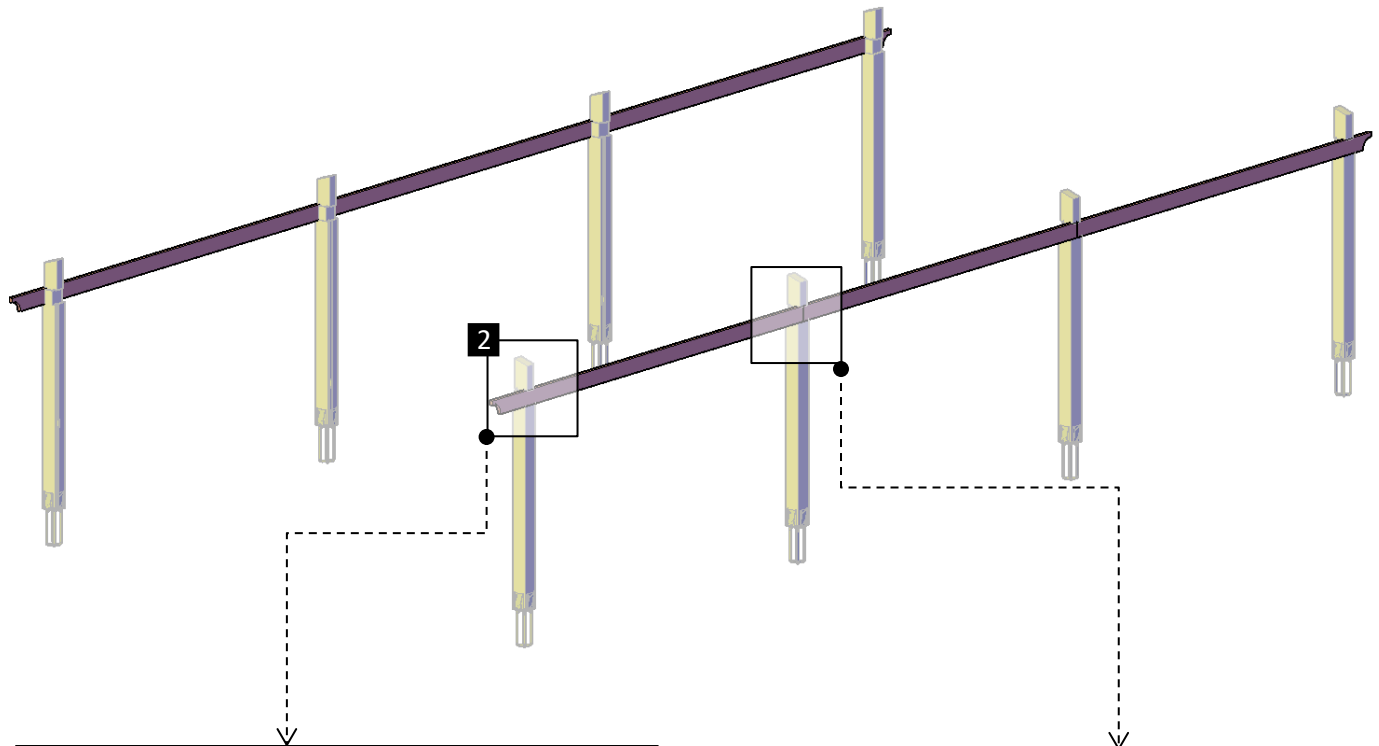
Step 1: Install the Anchor Bases (**15**). Please see the “How to anchor your pergola document” for all details. Set your post (**1**) in the saddle of the anchor bases. Drill a $\phi 1/4''$ hole in the post prior to anchoring to facilitate the ratcheting of the hardware. After that, use 3/8” x 3” Lag Bolts (**LB1**) to attach each post to its respective anchor base.






REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
64	3/8" X 3" lag bolts		LB1

Step 2: Attach the single supports (2) to the posts with 3/8" x 7 1/2" bolts (BL1) with washer and nuts. Check the marked numbers on each support and place as drawings shown.

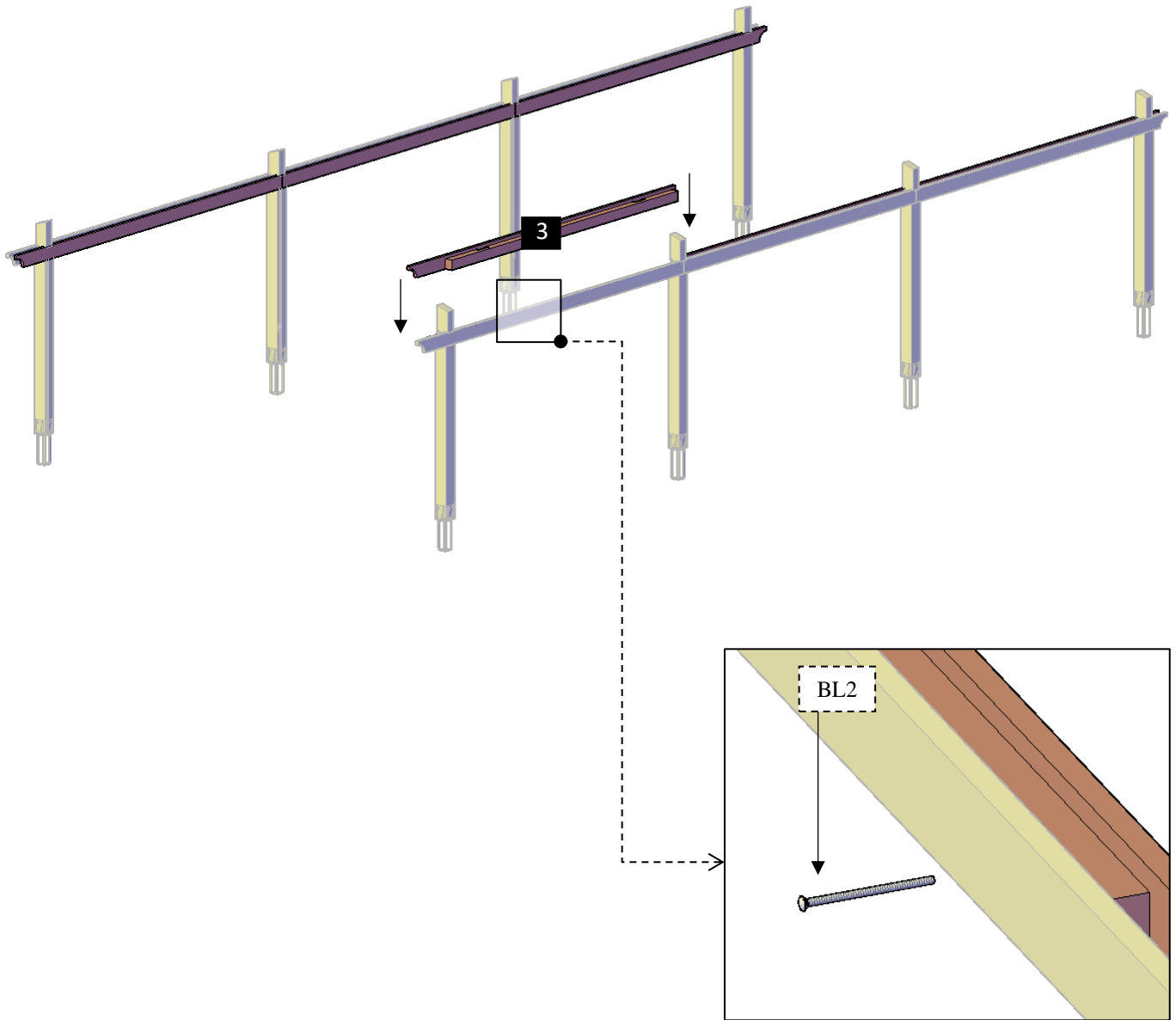
Note: Don't completely tighten yet the bolts – you will need the install the supports with blocking first.






REQUIRED HARDWARE

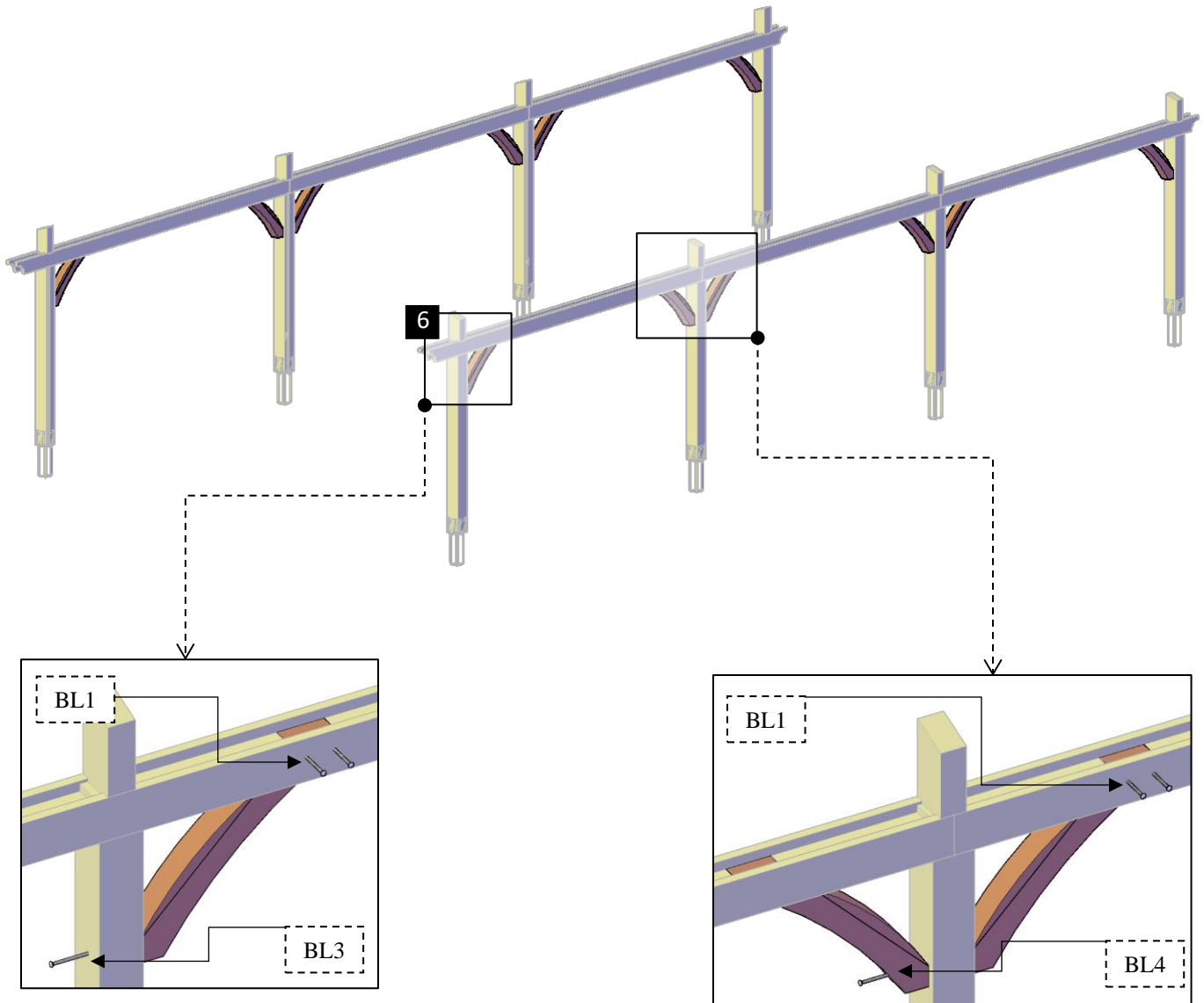
Qty.	Description	Drawing	No.
24	3/8" x 7 1/2" bolts		BL1
24	3/8" washers		WS
24	3/8" Nuts		NS






Step 3: Attach the single supports to the supports with blocking (3), use 3/8" x 7 3/4" bolts (BL2) with washer and nuts. After that, return to the bolts described in the step 2 and tighten fully. Check the marked numbers on each support with blocking and place as drawings shown.



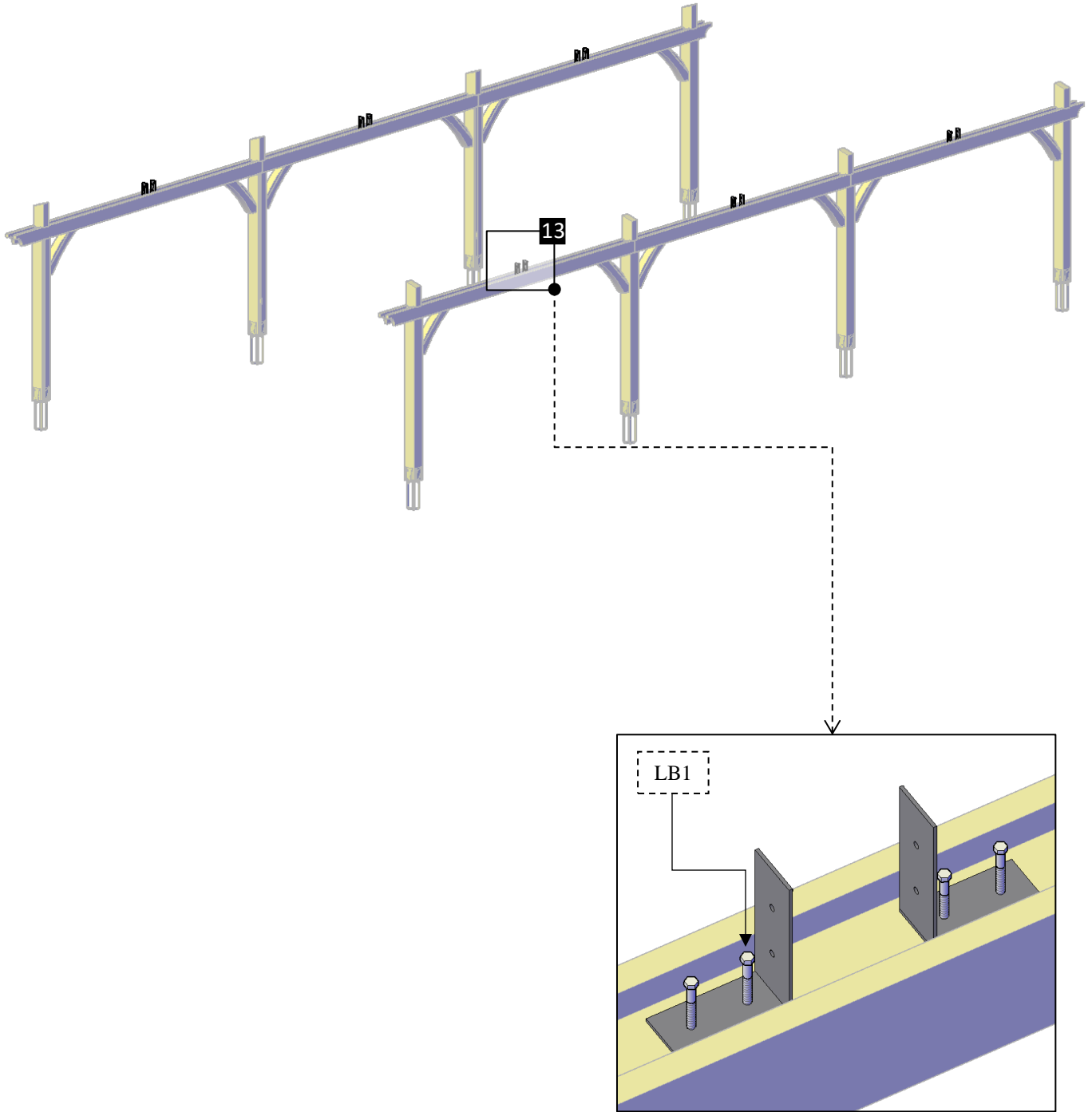
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
42	3/8" x 7 3/4" bolts		BL2
42	3/8" washers		WS
42	3/8" Nuts		NS


Step 4: Attach the main knee braces (6) to the supports with 3/8" x 7 1/2" bolts (BL1) and to the posts with 3/8" X 13" Bolts (BL3) and to the central post with 3/8" X 18" Bolts (BL4) with washer and nuts. Check the marked numbers on each main knee brace and place as drawings shown.



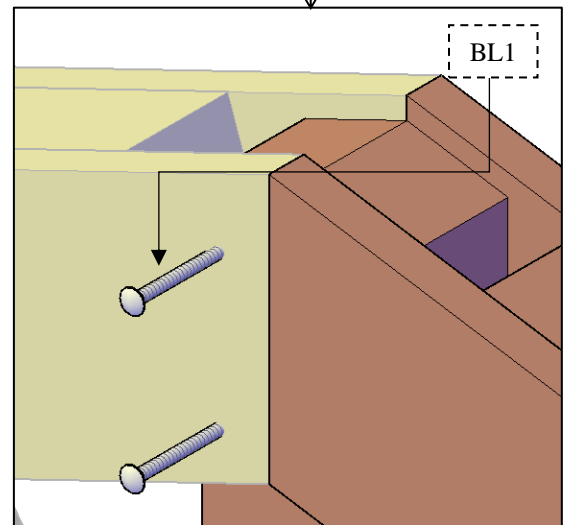
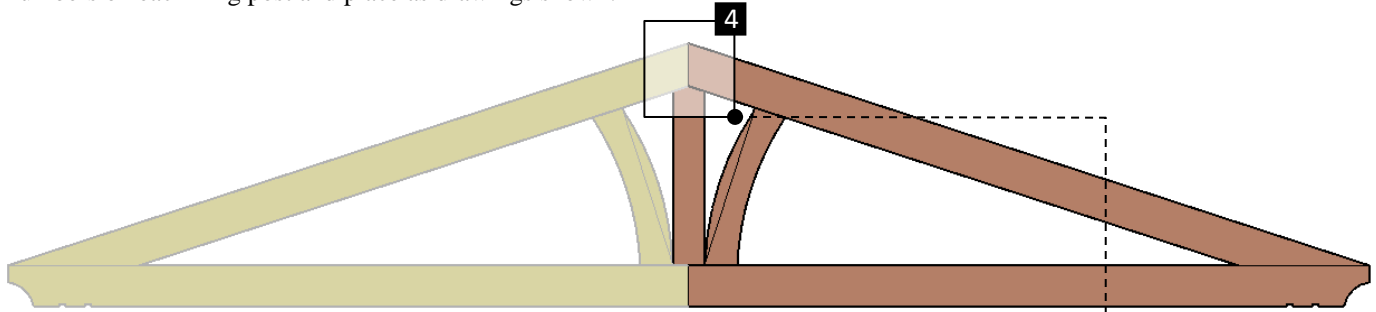
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
24	3/8" x 7 1/2" bolts		BL1
4	3/8" X 13" Bolts		BL3
4	3/8" X 18" Bolts		BL4
32	3/8" washers		WS
32	3/8" Nuts		NS

Step 5: Attach the L-plaques (13) to the supports with 3/8" x 3" Lag Bolts (LB1).






REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
24	3/8" x 3" Lag Bolts		LB1

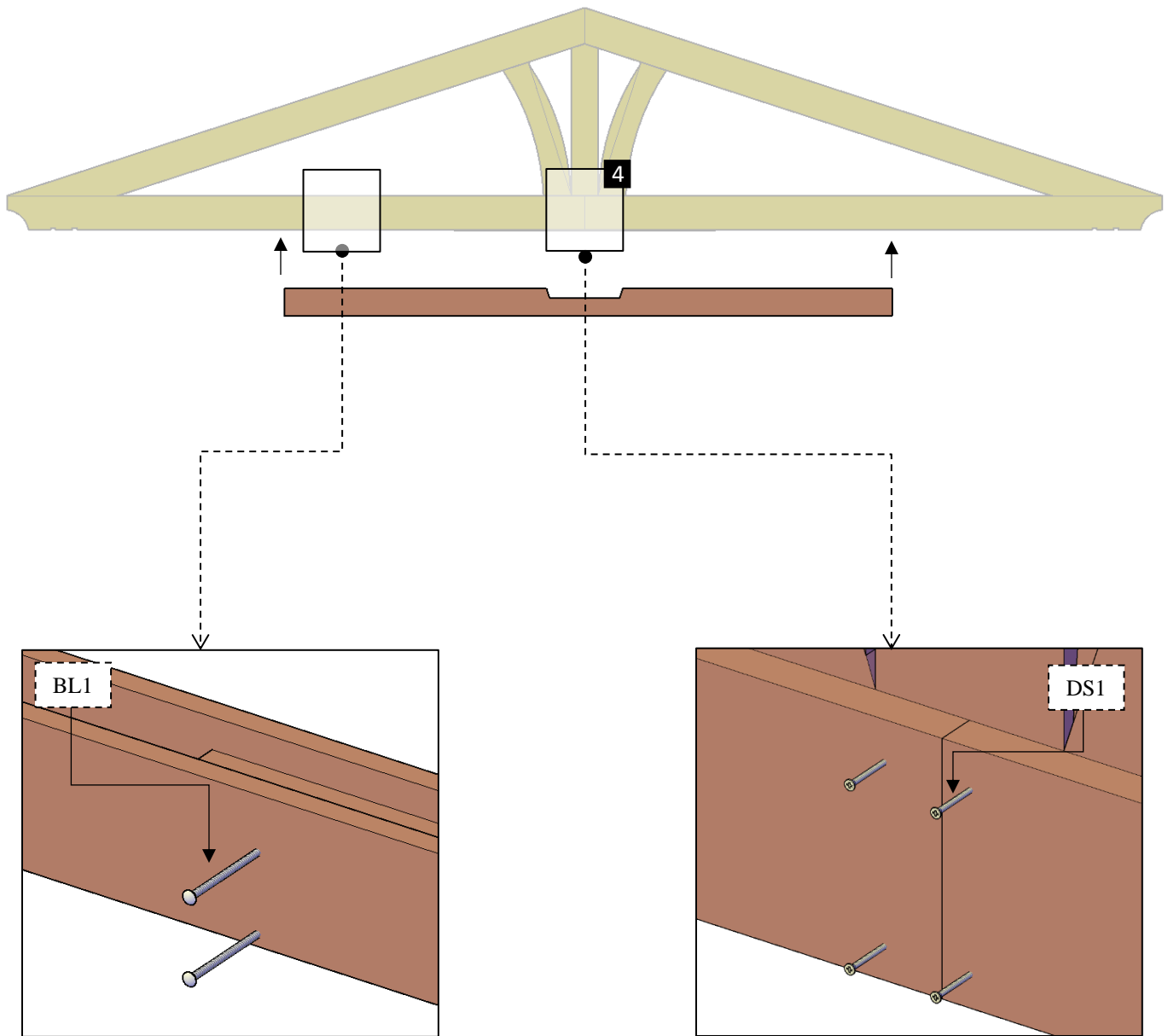
Step 6: Attach the roof trusses (4) to the king posts (5) with 3/8" x 7 1/2" bolts (BL1) with washer and nuts. Check the marked numbers on each king post and place as drawings shown.







REQUIRED HARDWARE PER TRUSS

Qty.	Description	Drawing	No.
2	3/8" x 7 1/2" bolts		BL1
2	3/8" washers		WS
2	3/8" Nuts		NS

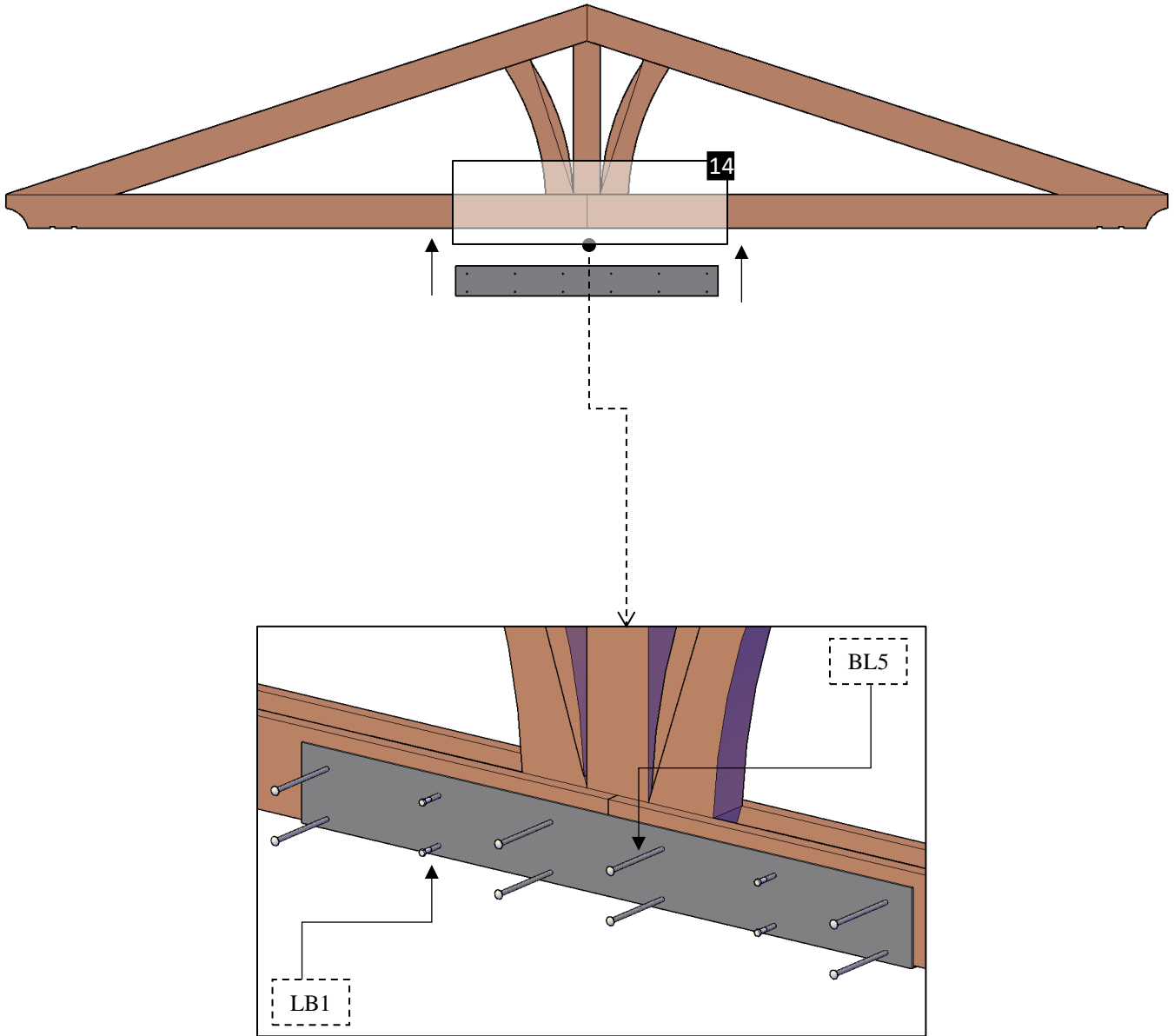
Step 7: Attach the roof trusses (4) to the tie beam (4.1) with 3/8" x 7 1/2" bolts (BL1) and 3" deck screws (DS1). Check the marked numbers on each tie beam and place as drawings shown.




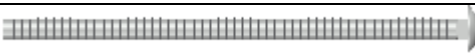


REQUIRED HARDWARE PER TRUSS

Qty.	Description	Drawing	No.
8	3" deck screws		DS1
12	3/8" x 8 1/2" bolts		BL1
12	3/8" washers		WS
12	3/8" Nuts		NS

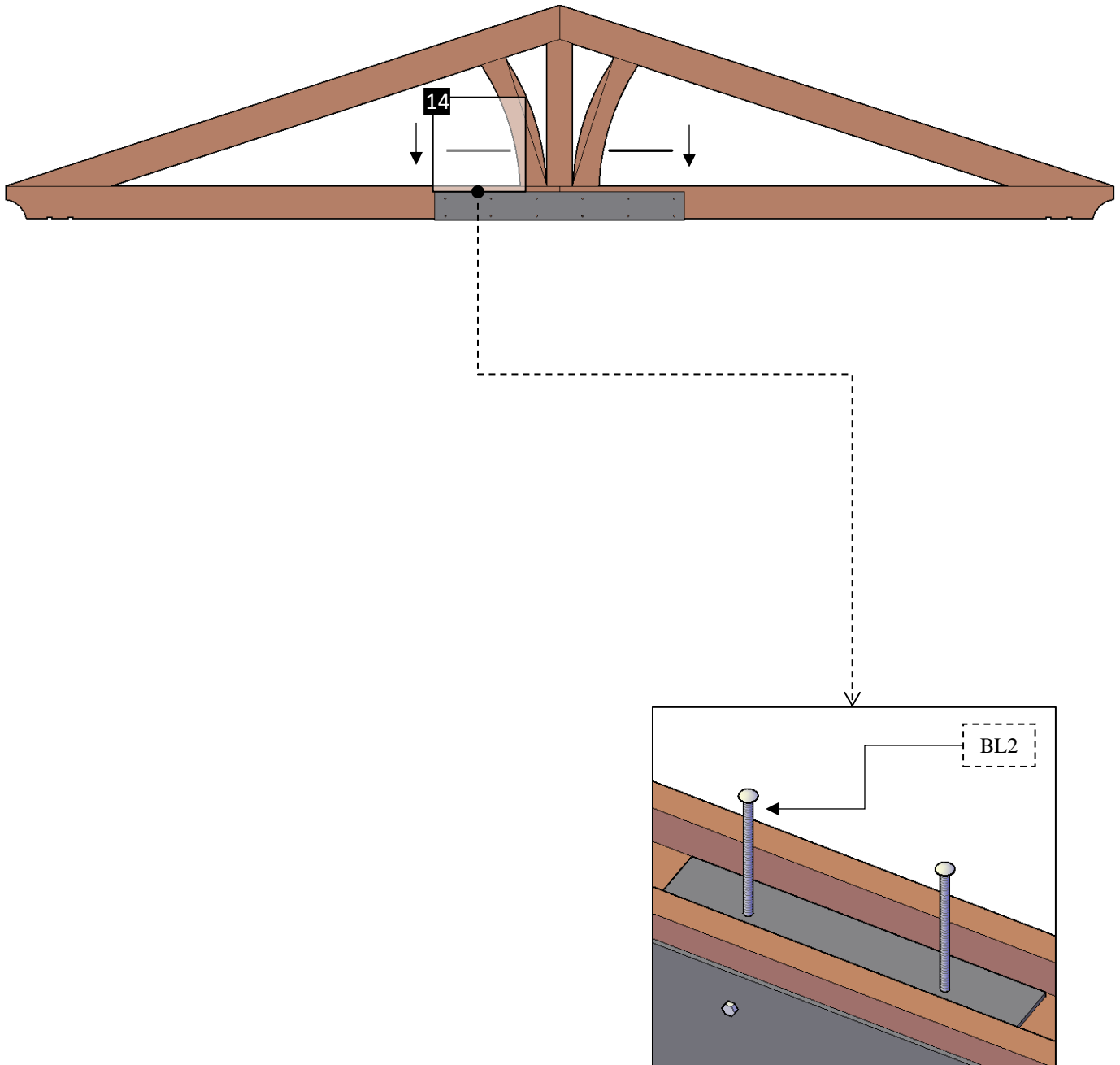
Step 8: Attach the roof trusses (4) to the tie beam (4.1) and to the custom metal plaques (14) with 3/8" x 8 1/2" bolts (BL5) and 3/8" x 3" Lag Bolts (LB1). Check the marked numbers on each tie beam and place as drawings shown.






REQUIRED HARDWARE PER TRUSS

Qty.	Description	Drawing	No.
8	3/8" x 3" Lag Bolts		LB1
8	3/8" x 8 1/2" bolts		BL5
8	3/8" washers		WS
8	3/8" Nuts		NS

Step 9: Attach the custom metal plaques (14) to the roof trusses and to the tie beam with 3/8" x 7 3/4" bolts (BL2).



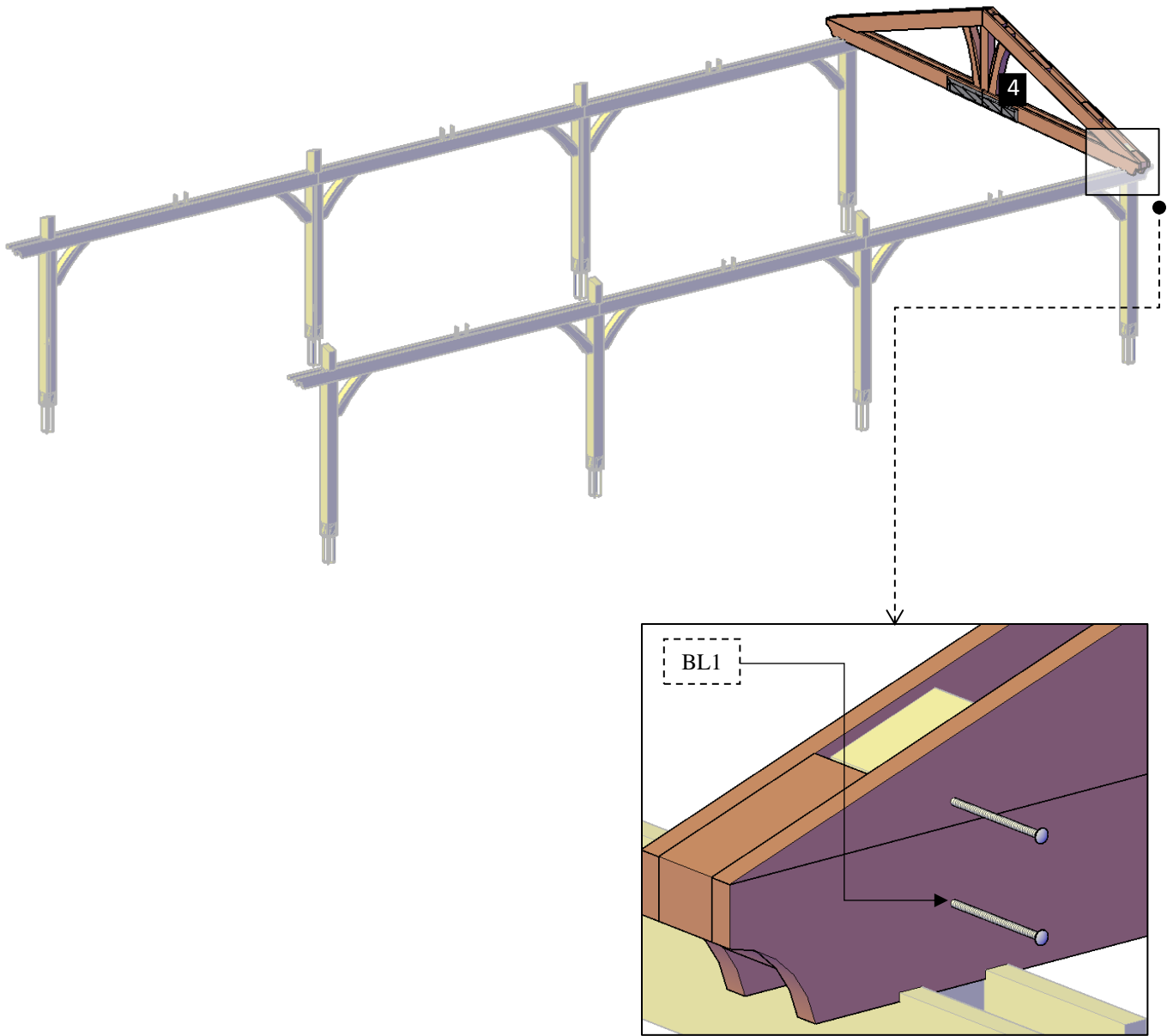
REQUIRED HARDWARE PER TRUSS




Qty.	Description	Drawing	No.
4	3/8" x 7 3/4" bolts		BL2
4	3/8" washers		WS
4	3/8" Nuts		NS

Step 10: 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.

Note: place the roof trusses from back to front.

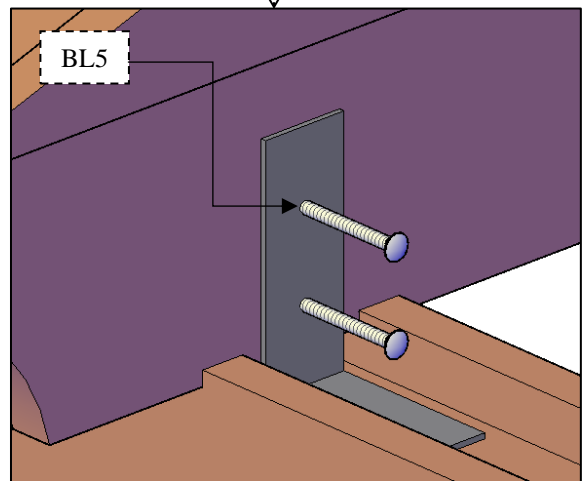
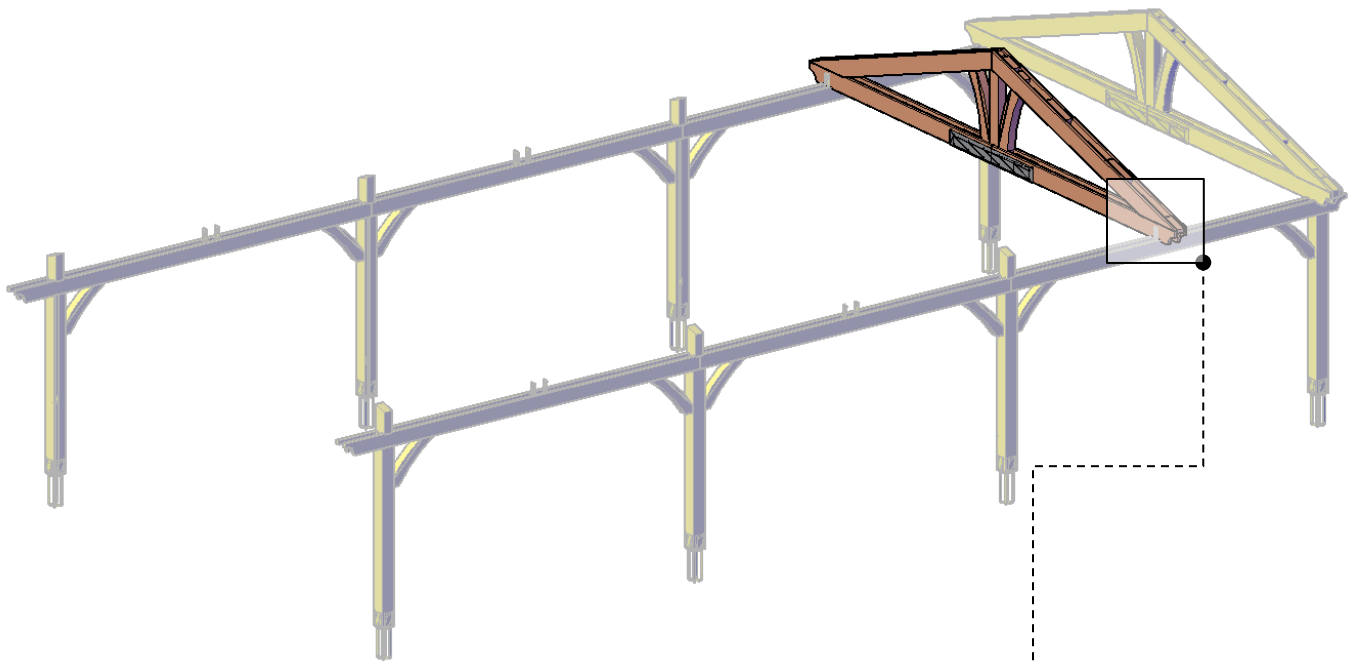
Note: repeat this step.

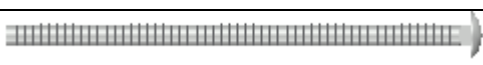




REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
16	3/8" x 7 1/2" bolts		BL1
16	3/8" washers		WS
16	3/8" Nuts		NS

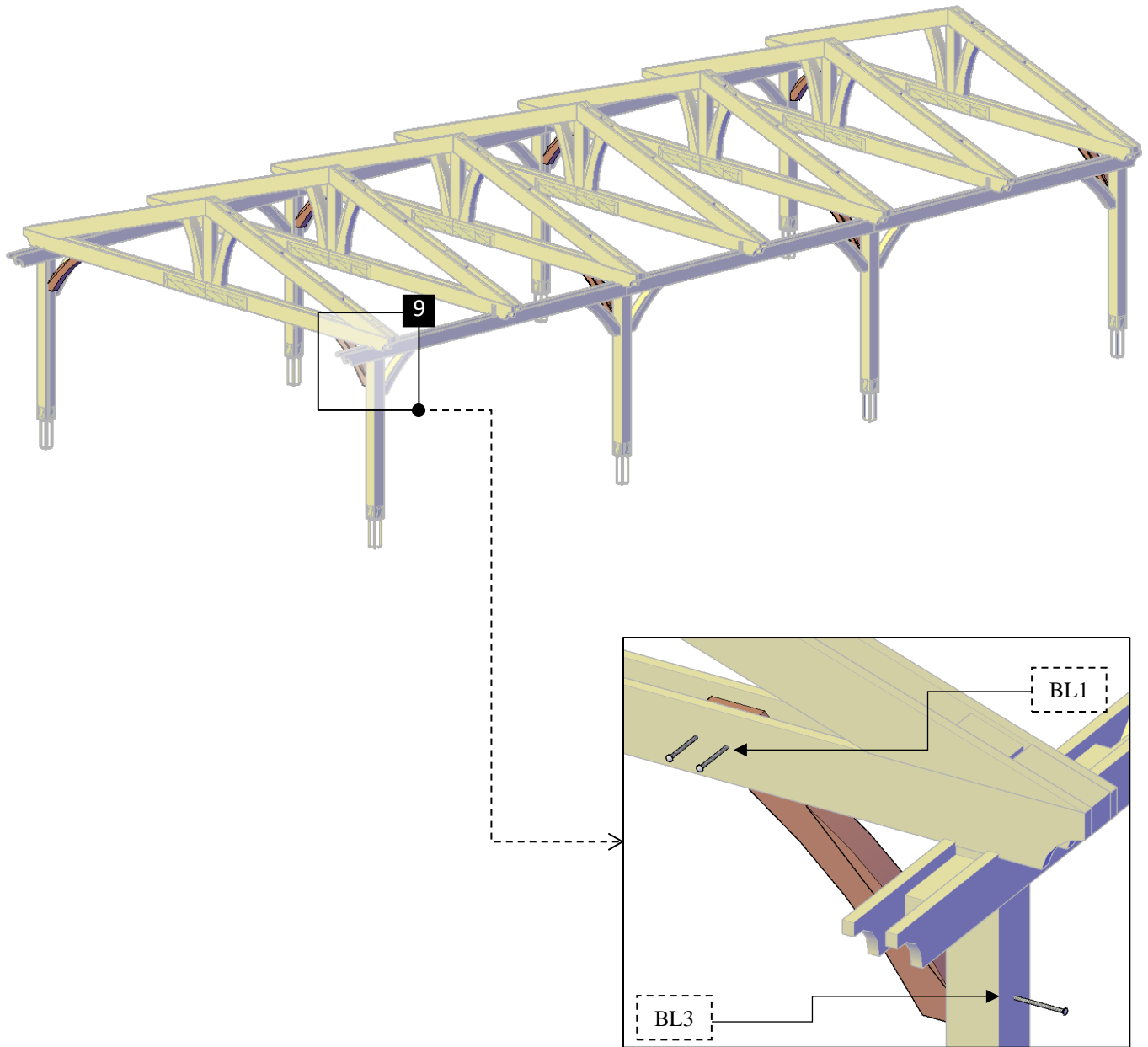
Step 11: Attach the roof trusses (4) to the metal plaques with 3/8" x 8 1/2" bolts (BL5). Check the marked numbers on each roof trusses and place as drawings shown.

Note: repeat this step.







REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
12	3/8" x 8 1/2" bolts		BL5
12	3/8" washers		WS
12	3/8" Nuts		NS

Step 12: Attach the secondary knee braces (9) to the Roof Trusses with 3/8" x 7 1/2" bolts (BL1) and to the posts with 3/8" X 13" Bolts (BL3) with washer and nuts. Check the marked numbers on each secondary knee brace and place as drawings shown.

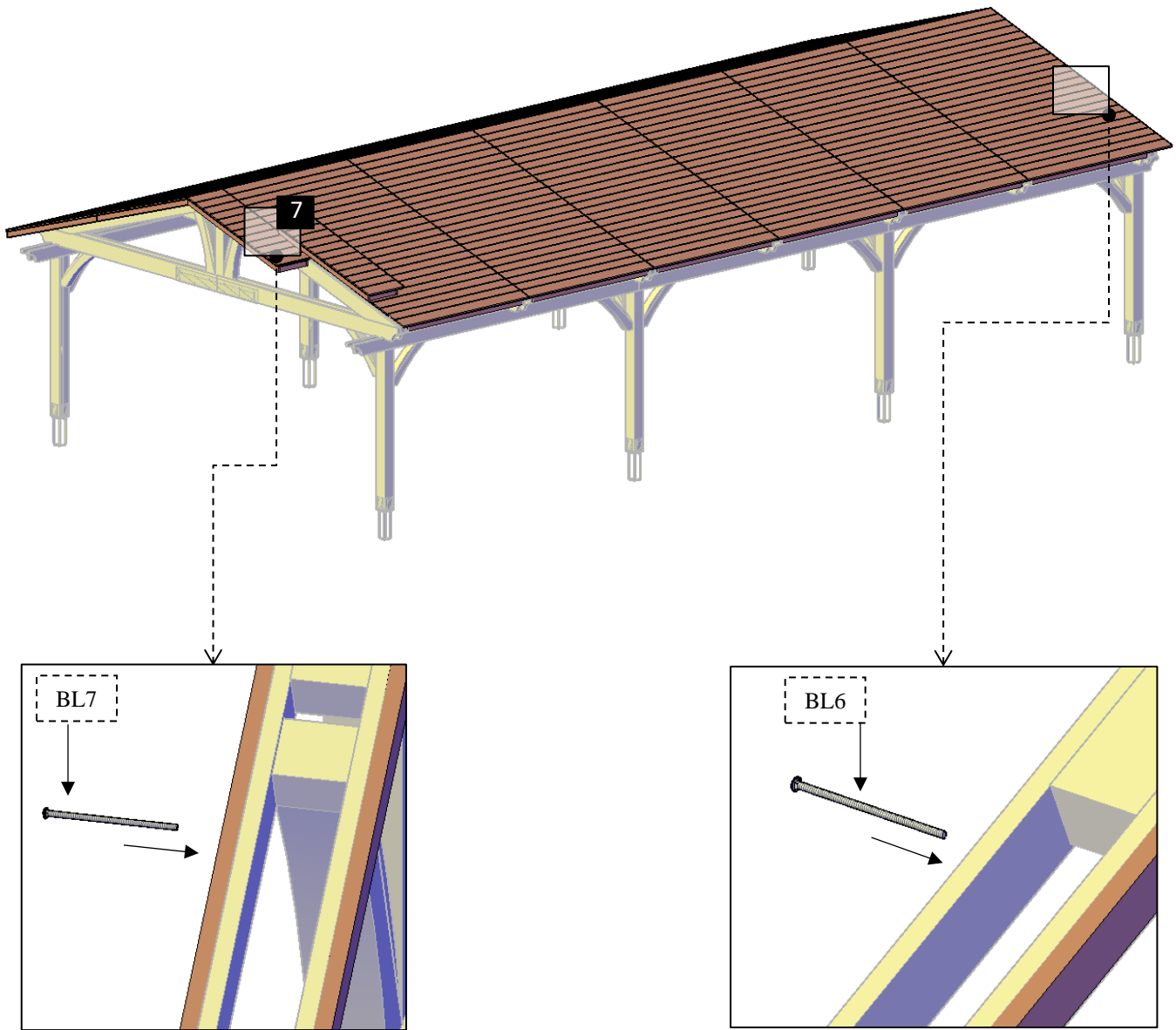






REQUIRED HARDWARE

Qty.	Description	Drawing	No.
16	3/8" x 7 1/2" bolts		BL1
8	3/8" X 13" Bolts		BL3
24	3/8" washers		WS
24	3/8" Nuts		NS

Step 13: Attach the roof panels (7) to the perimeter roof trusses with 3/8" x 9" bolts (BL6) and to the central roof trusses with 3/8" x 10 1/2" bolts (BL7). Check the marked numbers on each roof panels and place as drawings shown.

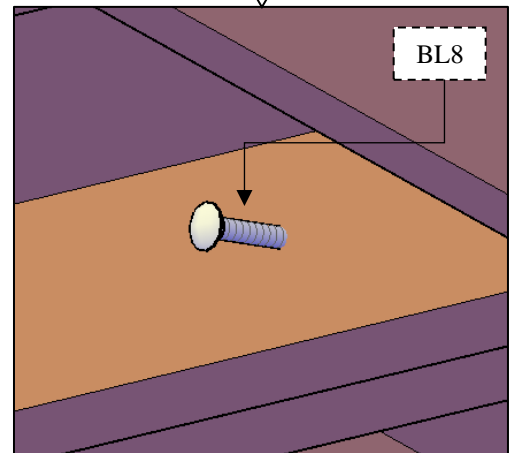
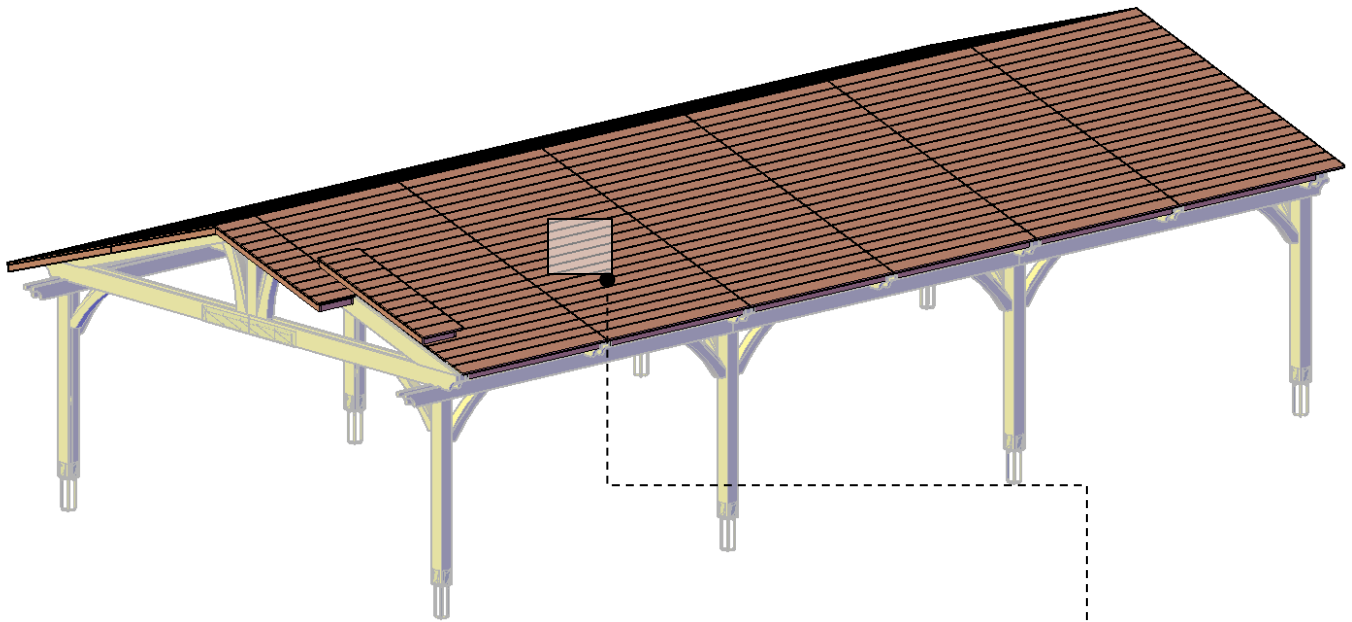
Note: will be drilled on site.






REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
12	3/8" x 9" bolts		BL6
72	3/8" x 10 1/2" bolts		BL7
84	3/8" washers		WS
84	3/8" Nuts		NS

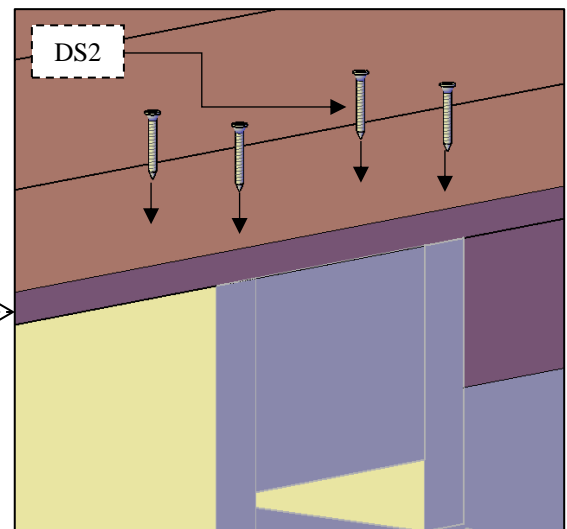
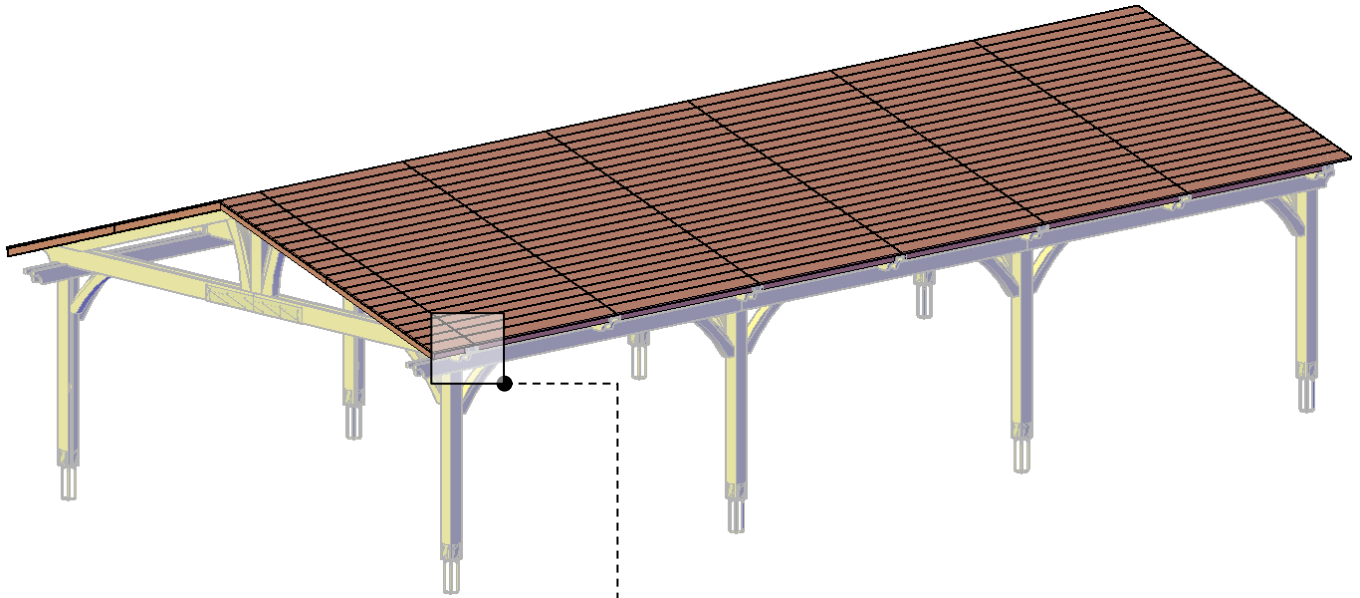
Step 14: Attach the roof panels (7) together with 5/16" x 3" bolts (BL8).


Note: will be drilled on site.



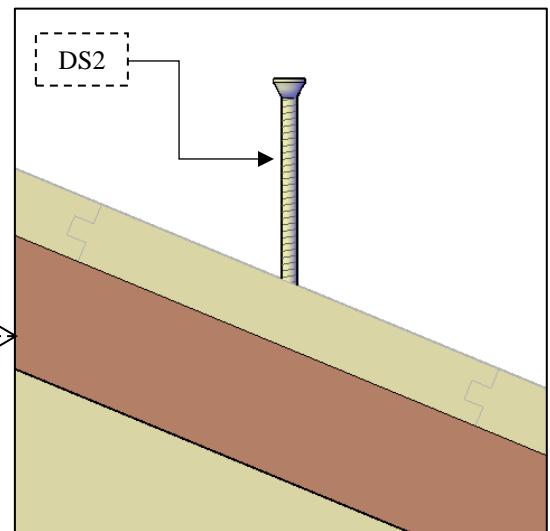
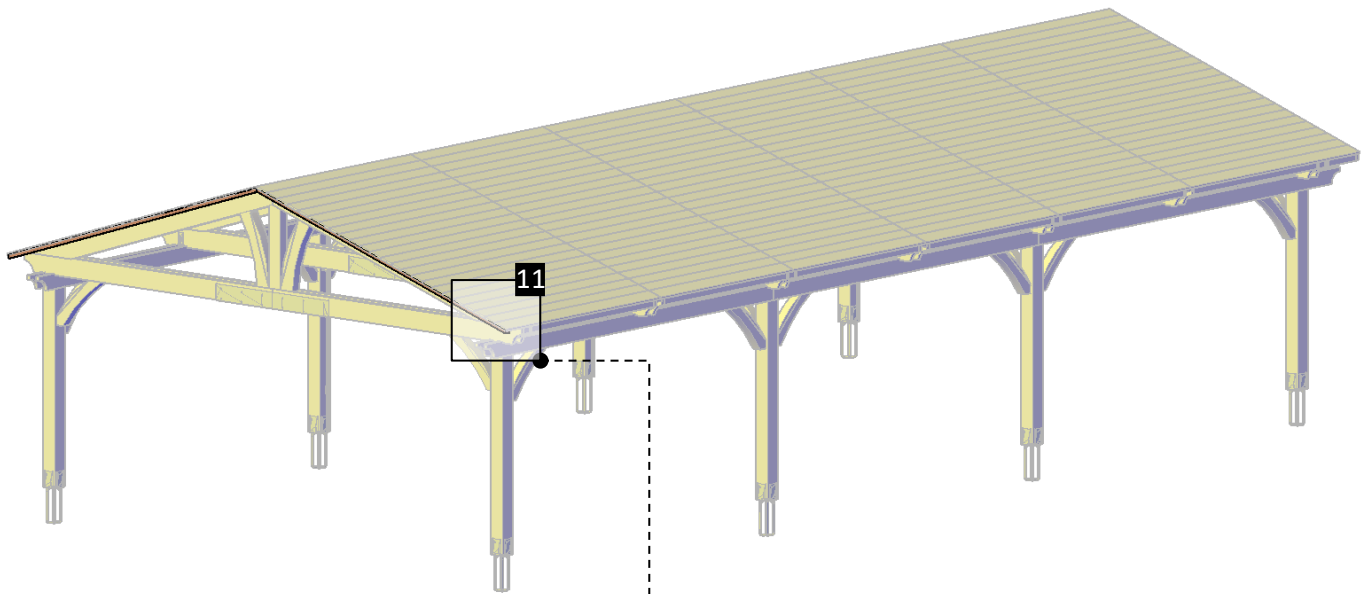
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
75	5/16" x 3" bolts		BL8
75	3/8" washers		WS
75	5/16" Nuts		NS


Step 15: Attach the roof boards to the Roof Trusses (5) with 1 5/8" deck screws (DS2).



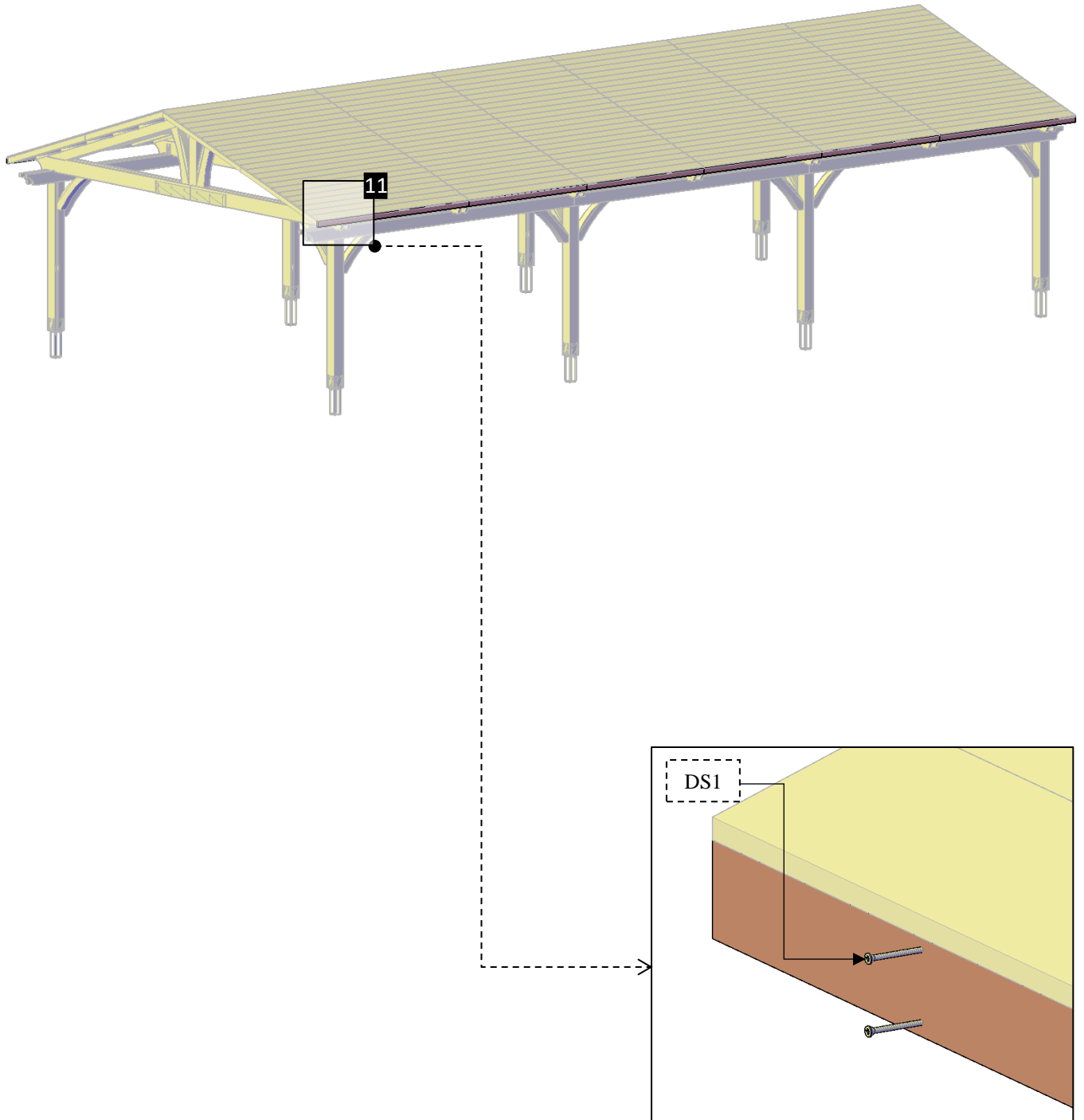
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
1100	1 5/8" deck screws		DS2


Step 16: Attach the roof trims (11) to the Roof boards with 1 5/8" deck screws (DS2). Check the marked numbers on each roof trims and place as drawings shown.



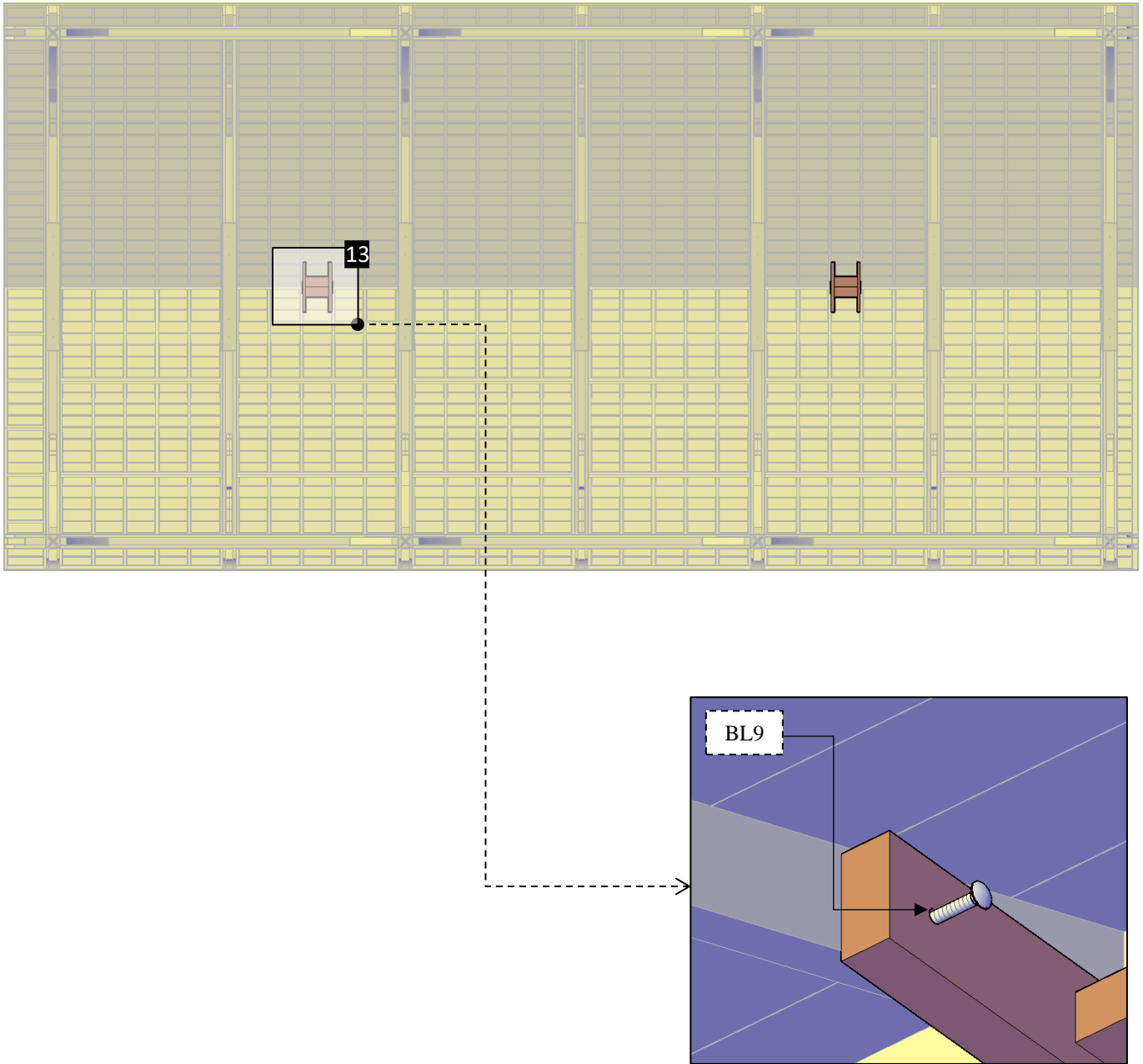
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
100	1 5/8" deck screws		DS2




Step 17: Attach the fascias (12) to the Roof trusses and to the roof panels with 3” deck screws (DS1). Check the marked numbers on each fascia and place as drawings shown.



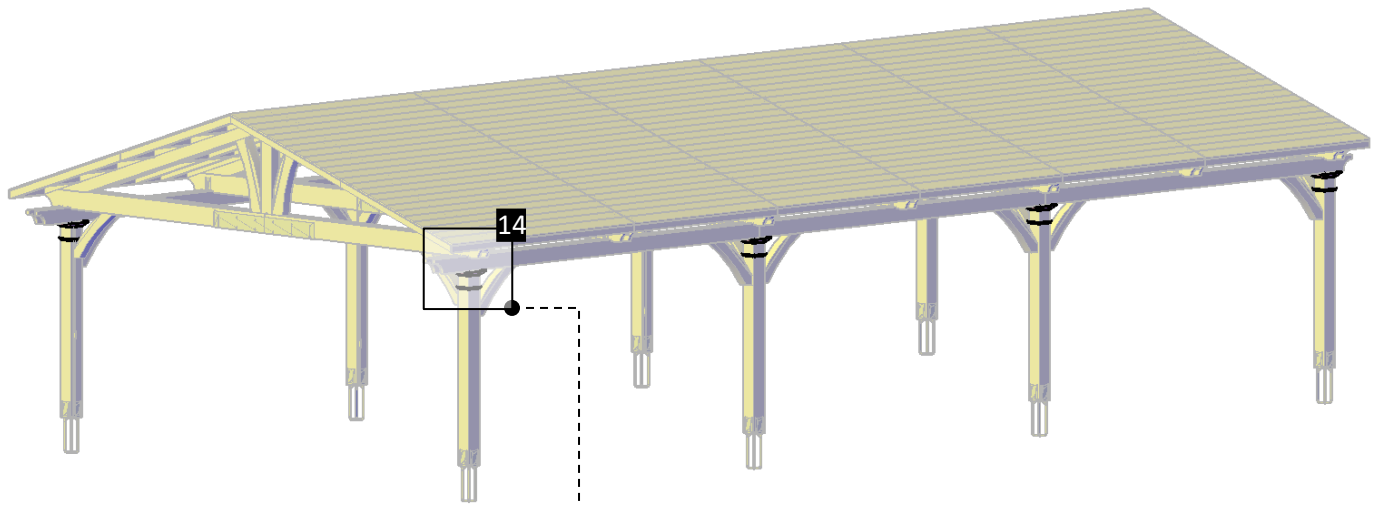
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
450	3” deck screws		DS1


Step 18: Attach the ceiling fan bases (13) to the roof panels with 3/8" x 3 1/2" bolts (BL9). Check the marked numbers on each ceiling fan and place as drawings shown.



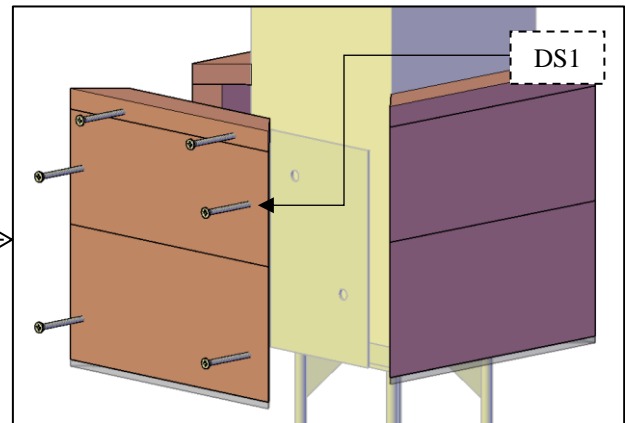
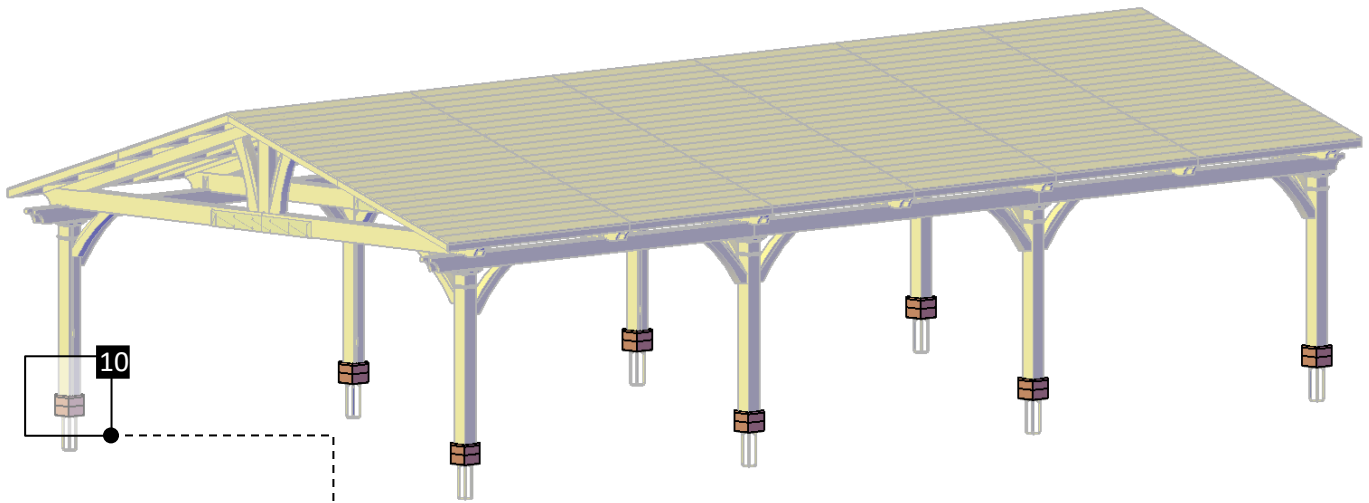
REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
8	3/8" x 3 1/2" bolts		BL9
8	3/8" washers		WS
8	3/8" Nuts		NS


Step 19: Attach the molding (14) to the post with 3” deck screws (DS1). Check the marked numbers on each molding and place as drawings shown.

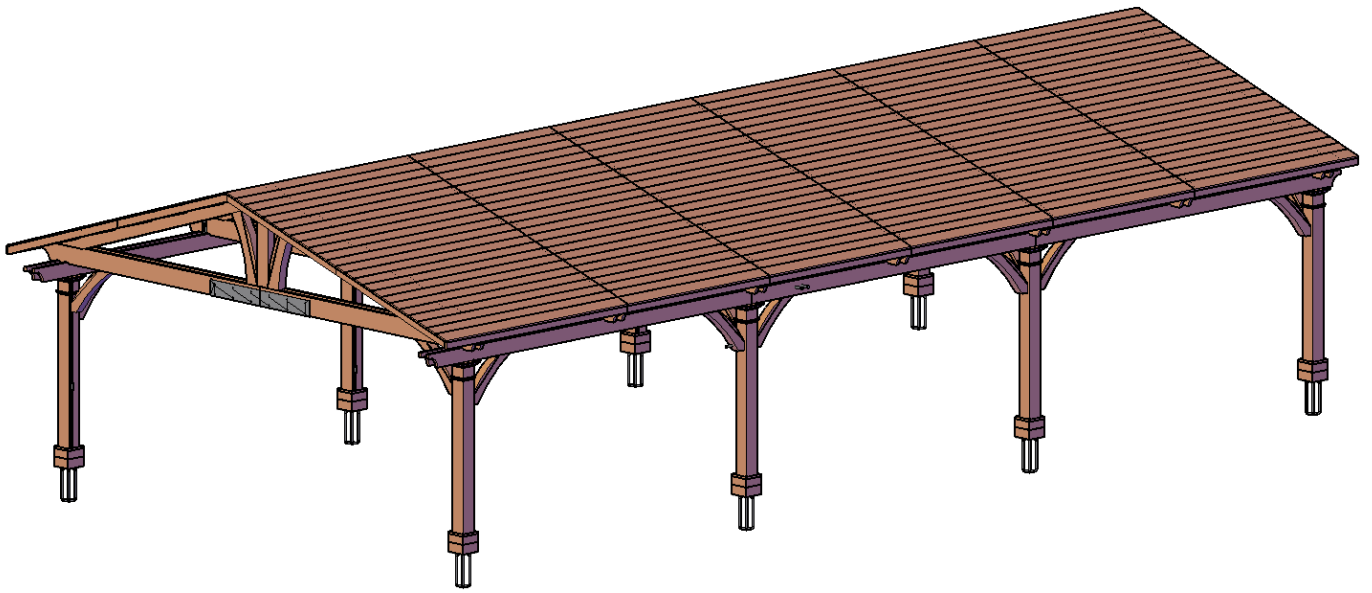


REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
50	3” deck screws		DS1

Step 20: Finally, attach the boots (10) to each post with 3” deck screws (DS1).



REQUIRED HARDWARE			
Qty.	Description	Drawing	No.
32	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 (619-639-7503 or 619-677-1965) or email us. We are here to support you.

