



FOREVER REDWOOD

From the Forest, For the Forest since 1995

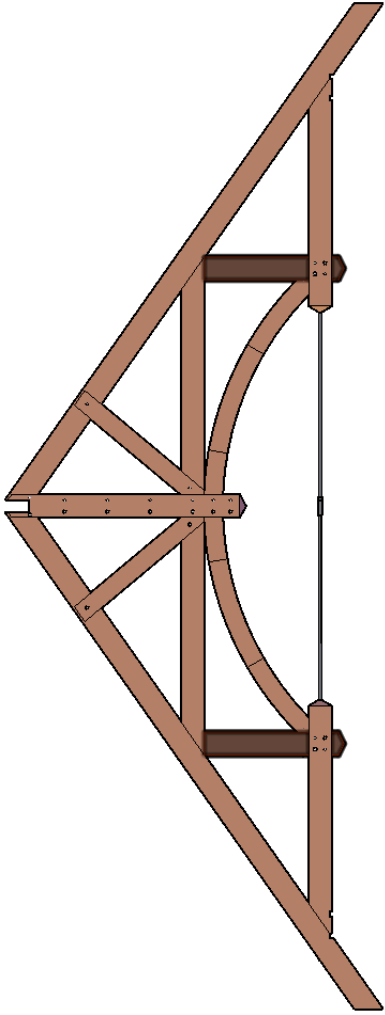






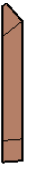

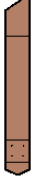

866.332.2403 (TOLL FREE); 7am – 7pm Pacific Time, Monday-Saturday

ASSEMBLY INSTRUCTIONS FOR THE CARDINAL'S NEST PAVILIONS









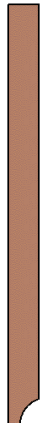


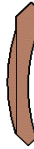
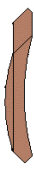
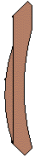
CONTENT OF BOXES

Qty.	Description	Drawing	No.
	Perimeter and Central Hammer Beam Roof Trusses		1
	Rafters		1.1
	Hammer Beams		1.2
Will vary	Hammer Beam Covers		1.3
	Hammer Beam Tips		1.4
	King Posts		1.5
	Collar Tie		1.6
	Struts		1.7
	Arches		1.8
	Hammer Posts Only for the Central Roof Trusses		1.9
	Tensor		1.10

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.









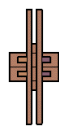




CONTENT OF BOXES

Qty.	Description	Drawing	No.
Will Vary	Posts-A		2
	Posts-B		3
	Moldings-A		4
	Moldings-B		5
	Supports-A		6
	Supports-B		7
	In-Between Blockings		8
	Main Knee Braces		9
	Secondary Knee Braces-A		10
	Secondary Knee Braces-B		11

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.



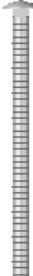

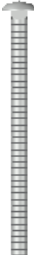


CONTENT OF BOXES

Qty.	Description	Drawing	No.
	Ridge Beams		12
	Rafters		13
	Roof Boards		14
	Roof Trims		15
	Roof Fascia's		16
	Boots		17
Will Vary	Ceiling Fan Bases If ordered.		18
	Standard, Gale Wind or Hurricane Anchors Bases. If ordered.		19
			
	Angles		20
	Metal Plaques		21




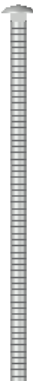

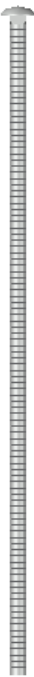

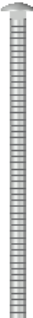
Note: Part numbers in the Content of Boxes Table are for reference only. These do not match to the numbers marked on the parts sent.

HARDWARE LIST

Description	Drawings – To assemble the ROOF TRUSSES	No.
<p style="text-align: center;">3/8" X 12" Lag Bolts (To attach the hammer beams, the king posts, the collar tie and the struts to the rafters. / To attach the hammer posts to the arches).</p>		A
<p style="text-align: center;">3/8" X 10" Lag Bolts (To attach the struts to the collar tie. / To attach the arches to the hammer-beams and to the hammer-beam covers).</p>		B
<p style="text-align: center;">3/8" X 6 1/2" Bolts (To attach the struts to the rafters and to the collar tie. / To attach the king posts to the arc, to the collar tie and to the king posts).</p>		C
<p style="text-align: center;">3" Deck Screws (To attach the hammer-beam covers to the hammer-beams. / To attach the hammer-beam tips to the hammer-beams and to the hammer-beam covers).</p>		D
<p style="text-align: center;">3/8" X 6" Bolts (To attach the tensors to the central hammer beams. / To attach the hammer posts to the rafters).</p>		E

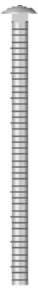





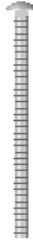
Note: Dimensions of your hardware will vary depending on size.

HARDWARE LIST

Description	Drawing	No.
2'' Deck Screws (To attach the moldings to the posts).		F
5/16'' X 3'' Lag Bolts (To attach the anchor bases to the posts).		G
3/8'' X 11'' Bolts (To attach the supports to the posts. / To attach the in-between blockings and the main knee braces to the supports)		H
3/8'' X 9'' Bolts (To attach the roof trusses to the posts).		I
3/8'' X 12'' Lag Bolts (To attach the perimeter roof trusses to the posts-B).		J
3/8'' X 16'' Bolts (To attach the main knee braces and the secondary knee braces A&B to the perimeter posts-A)		K
3/8'' X 24'' Bolts (To attach the main knee braces to the central posts-A)		L
3/8'' X 7 1/2'' Bolts (To attach the secondary knee braces-A to the perimeter roof trusses).		M

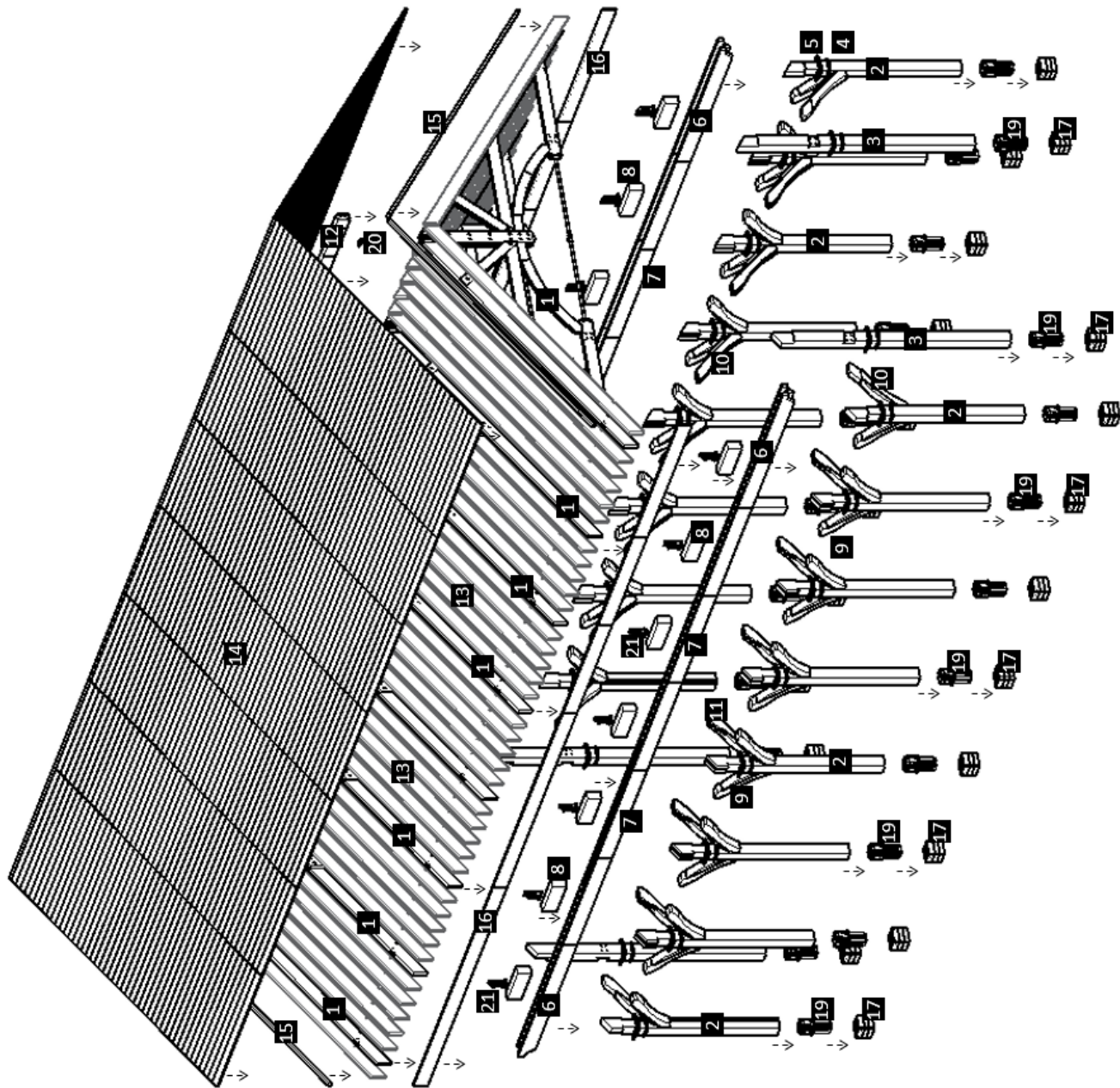
Note: Dimensions of your hardware will vary depending on size.

HARDWARE LIST

Description	Drawing	No.
<p>3/8'' X 6 1/2'' Bolts (To attach the secondary knee braces -B to the central roof trusses).</p>		N
<p>3/8'' X 6'' Lag Bolts (To attach the ridge beam to the roof trusses. / To attach the rafters to the ridge beams).</p>		O
<p>3/8'' X 3'' Lag Bolts (To attach the angles to the roof trusses and to the ridge beams. / To attach the metal plaques to the in-between blockings).</p>		P
<p>5/16'' X 3 1/2'' Bolts (To attach the rafters to the metal plaques).</p>		Q
<p>1 5/8'' Deck Screws (To attach the roof boards to the roof trusses and to the rafters. / To attach the roof trims to the roof boards).</p>		R
<p>3'' Deck Screws (To attach the roof fascia's to the roof trusses and to the rafters. / To attach the boots to the posts).</p>		S
<p>5/16'' X 5 1/2'' Bolts (To attach the ceiling fan bases to the rafters).</p>		T

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

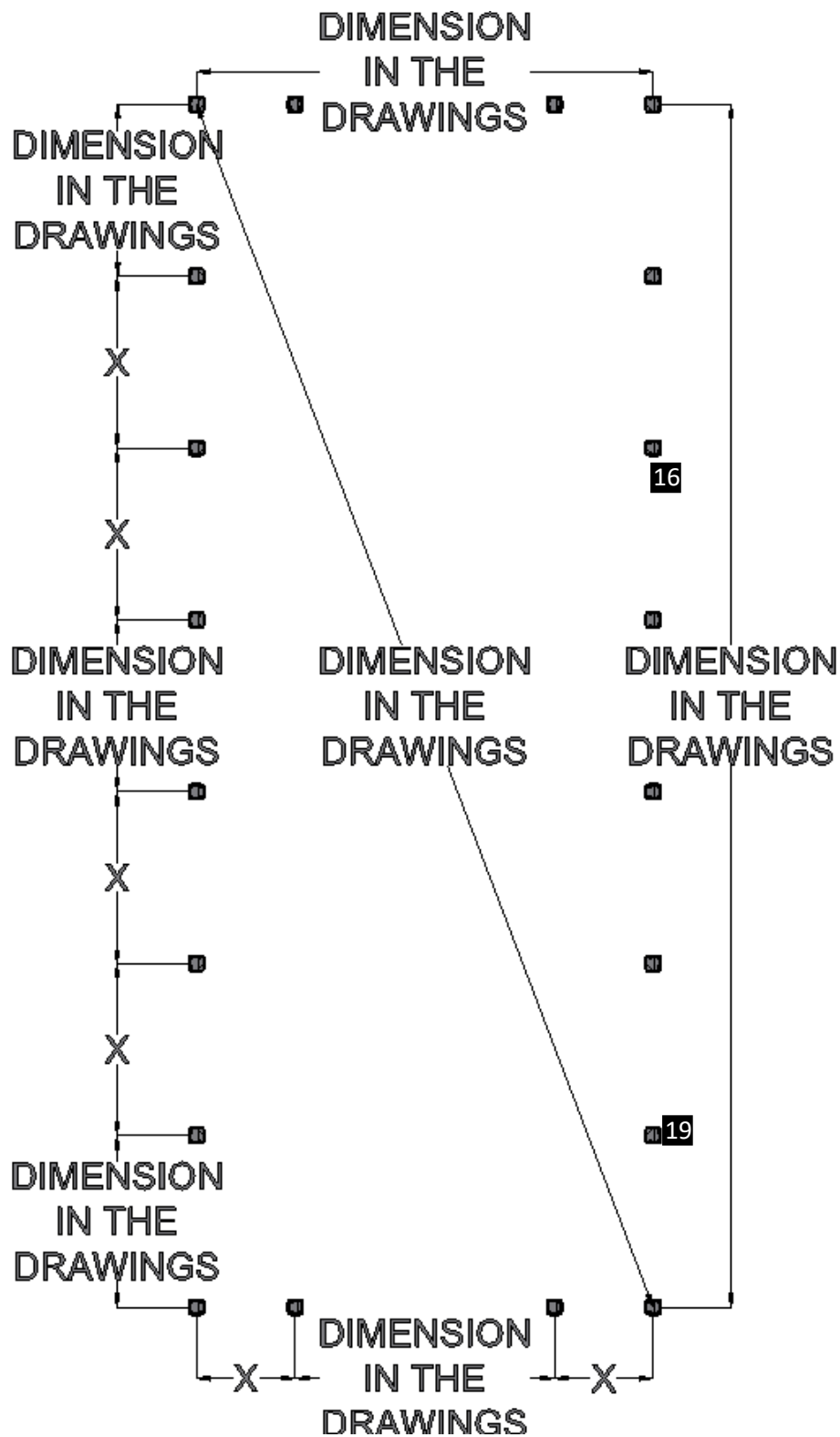
DESCRIPTION	No
Perimeter and Central Hammer Beam Roof Trusses	1
Posts-A	2
Posts-B	3
Moldings-A	4
Moldings-B	5
Supports-A	6
Supports-B	7
In-Between Blockings	8
Main Knee Braces	9
Secondary Knee Braces-A	10
Secondary Knee Braces-B	11
Ridge Beams	12
Rafters	13
Roof Boards	14
Roof Trims	15
Roof Fascia's	16
Boots	17
Ceiling Fan Bases	18
Anchor Bases	19
Angles	20
Metal Plaques	21



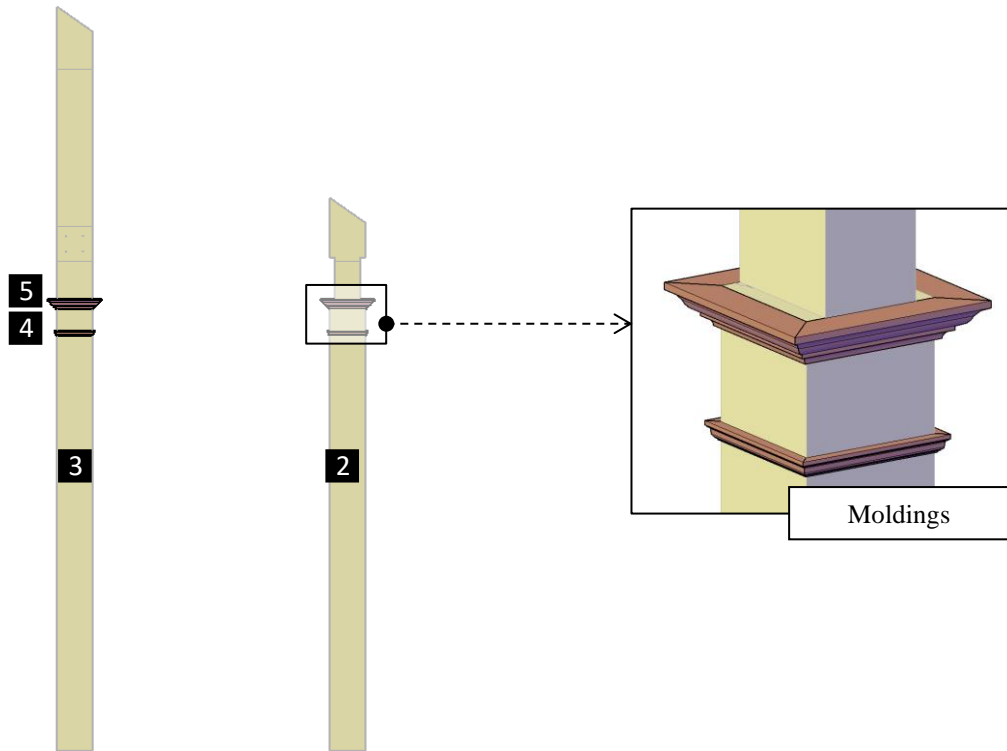
Note: Part numbers in the Drawing are for reference only. These do not match to the numbers marked on

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”).

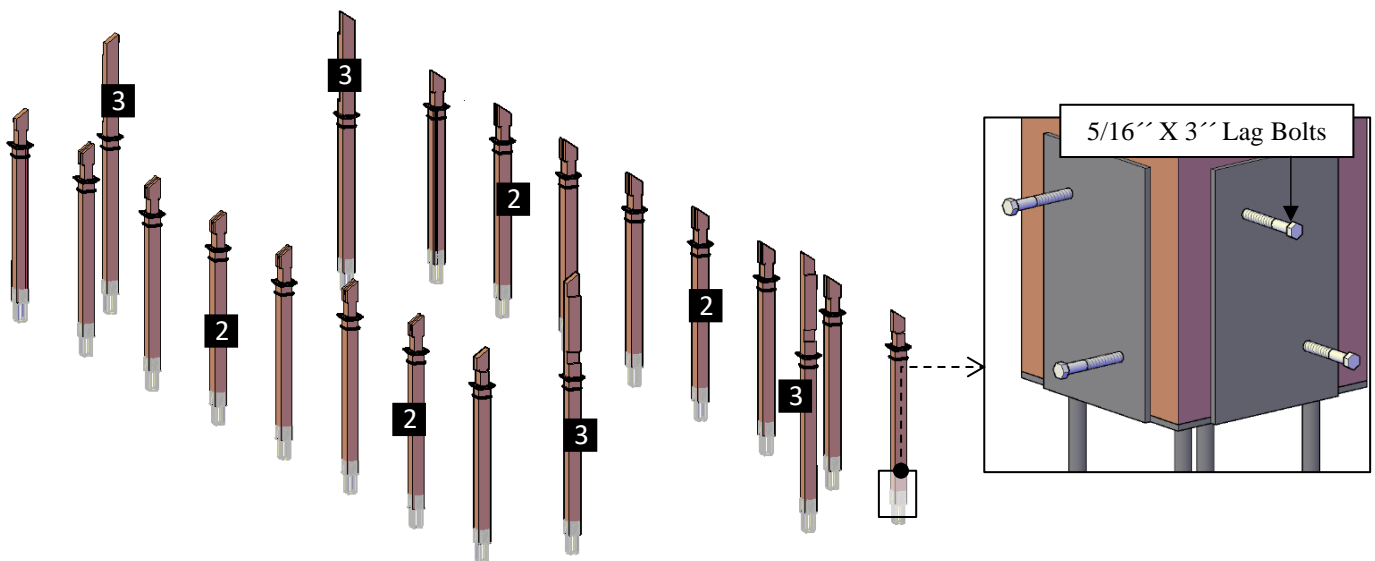
Step 1: Install the anchor bases (19). Please see the “How to anchor your pergola document” for all details.



Step 2: Attach the moldings A&B (4,5) to each post A&B (2,3) with 2" deck screws (F). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



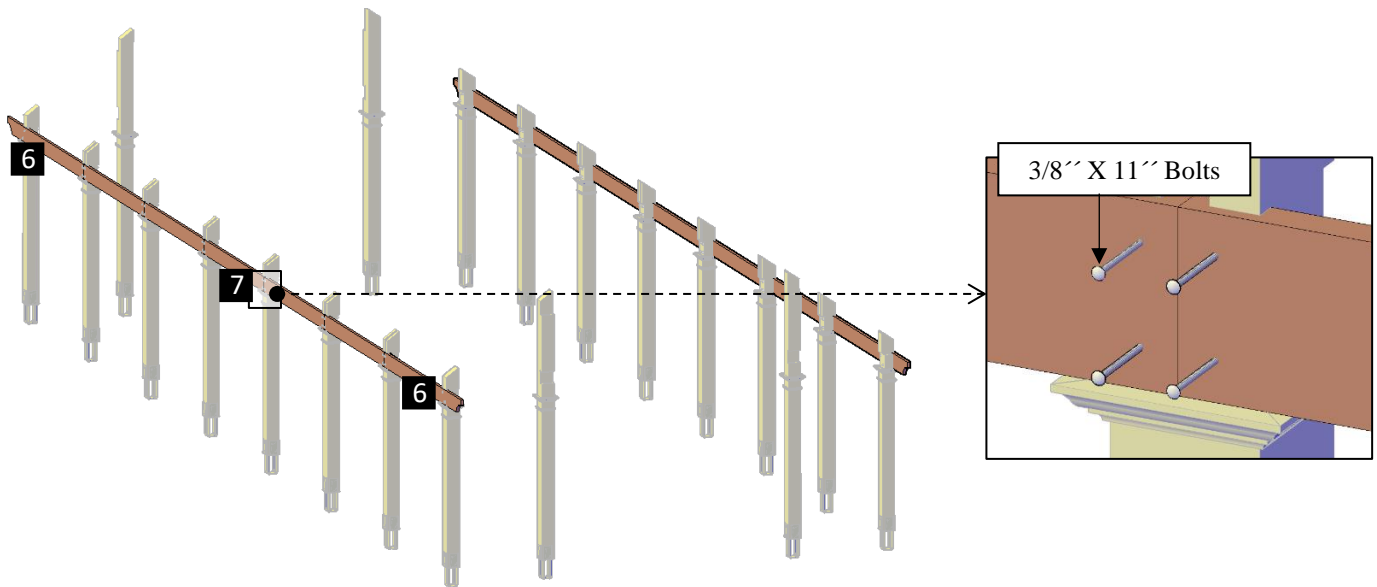
Step 3: Set your posts A&B (2,3) in the saddle of the anchor bases. Drill a ϕ 1/4" hole in the post prior to anchoring to facilitate the ratcheting of the hardware. After that, use a 5/16" x 3" lag bolts (G) to attach the anchor bases to the posts.



All options of posts (No posts decorative trim, vertical posts decorative trim and horizontal posts decorative trim) will be installed in the same way.

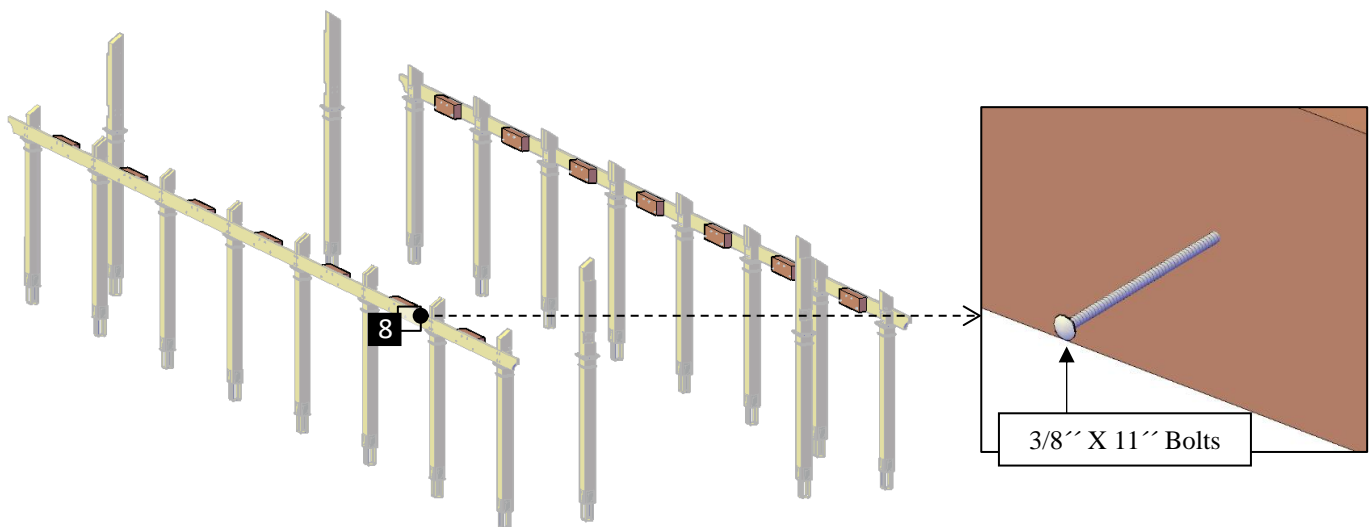
Step 4: Attach the external supports A&B (6,7) to the posts-A with 3/8" x 11" bolts (H). Each part has a series of numbers that indicate where to attach the part with the corresponding number.

Note: The bolts must be flush with the posts.



Step 5: Use 3/8" x 11" bolts (H) to attach the in-between blockings (8) to the external supports A&B. Each part has a series of numbers that indicate where to attach the part with the corresponding number.

Note: The bolts must be flush with the In-Between Blockings.

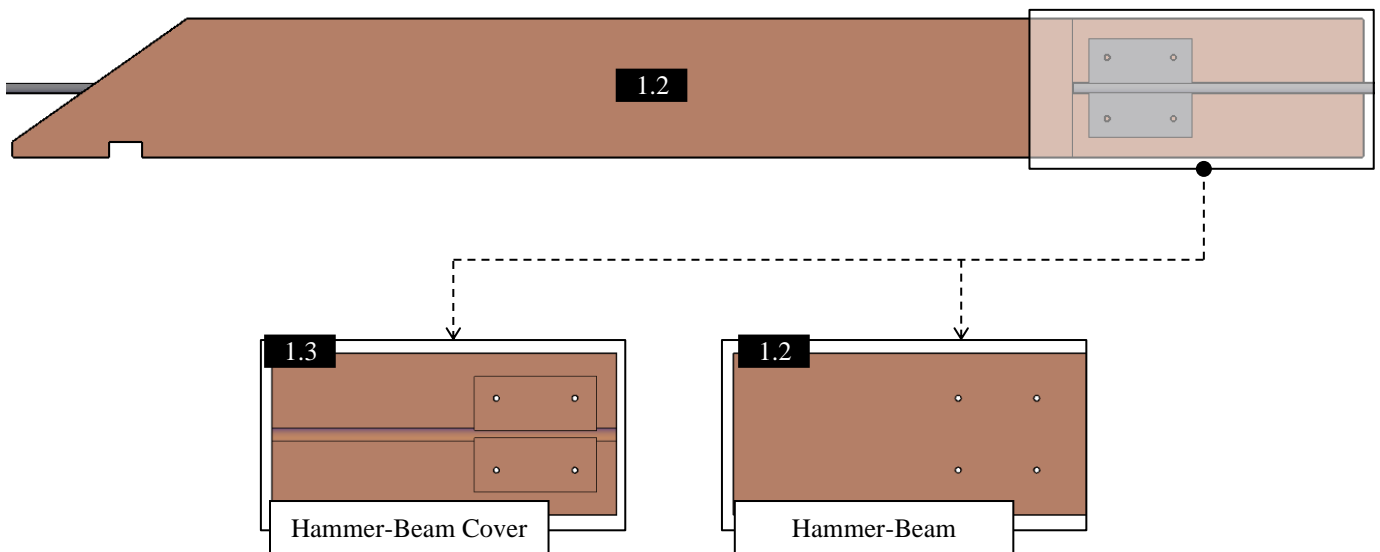


Step 6: Put up the internal supports A&B (6,7) into the post notches, as shown, and attach with the previously installed bolts. Each part has a series of numbers that indicate where to attach the part with the corresponding number.

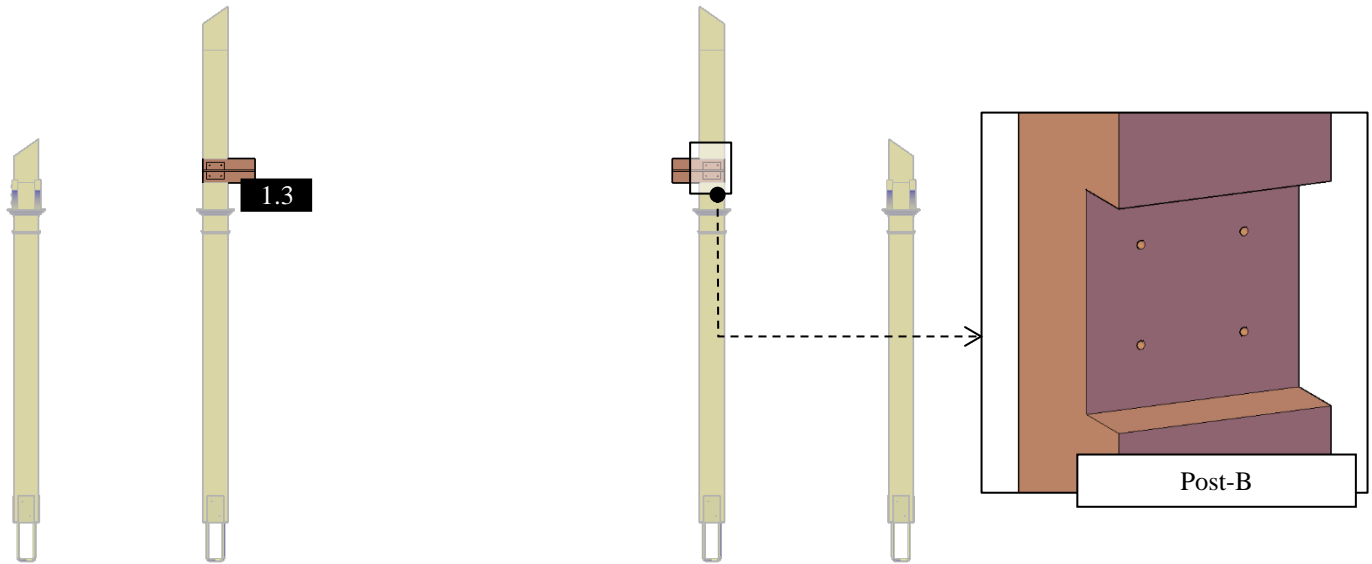


Assemble the **Perimeter Hammer-Beam Roof Trusses**

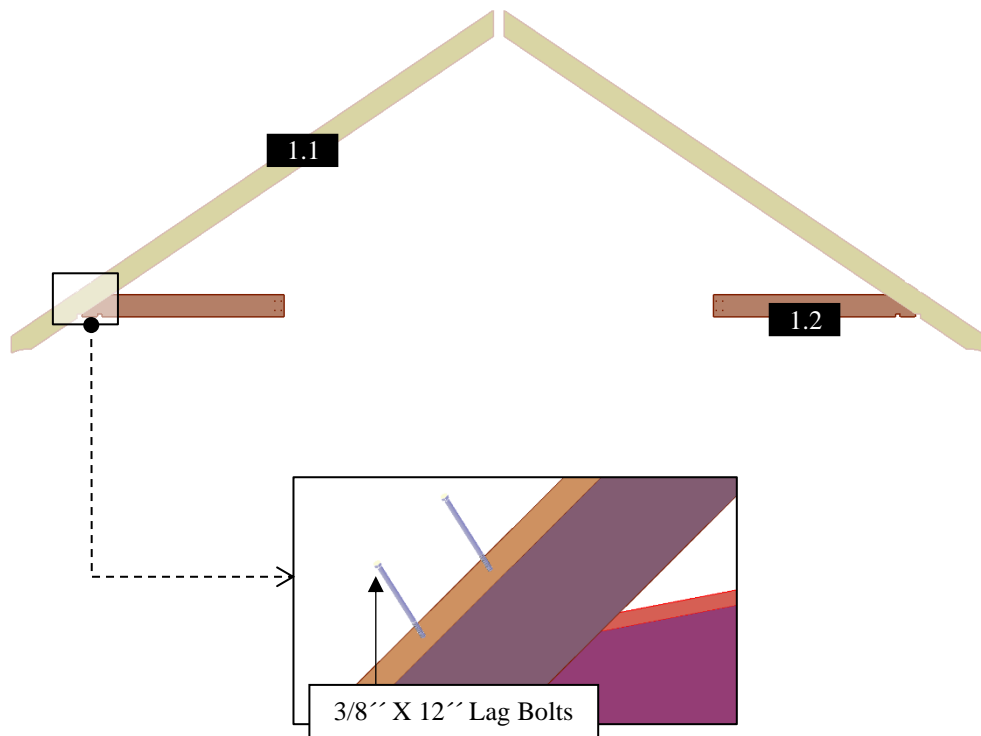
Step 7: Place the metal plaques in their place. After that, drill the hammer-beams (1.2) and the hammer-beam covers (1.3) with the 3/8'' drill bit.



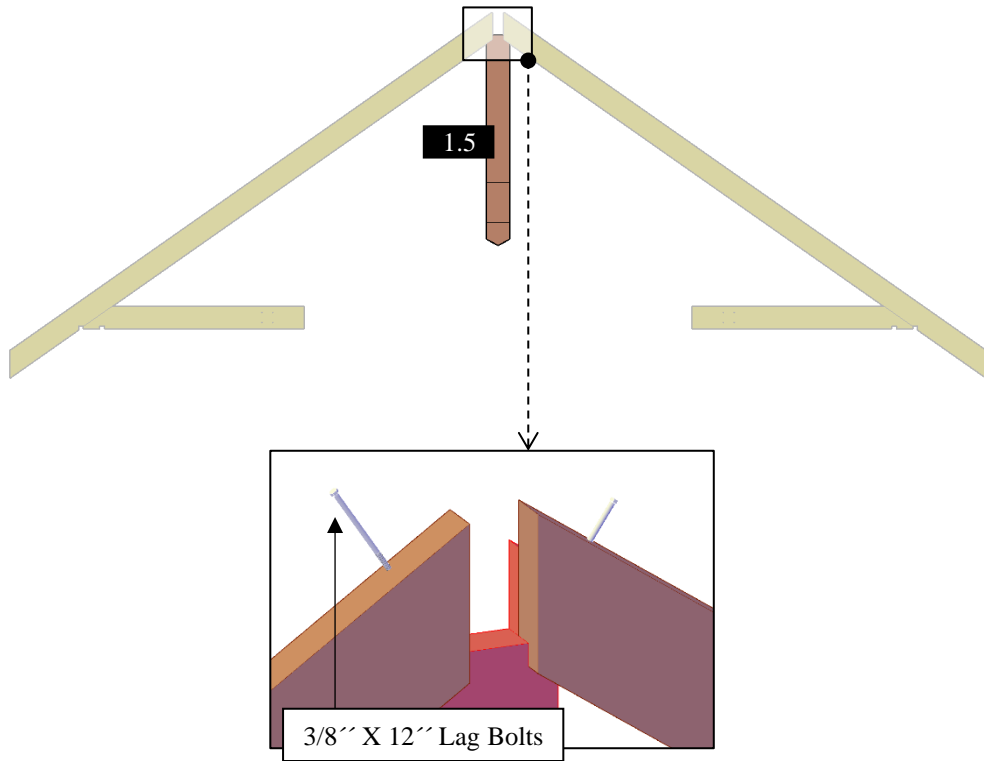
Step 8: Place the hammer beam-cover (1.3) into the post-B notch. After that, drill the posts-B with the 3/8'' drill bit. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



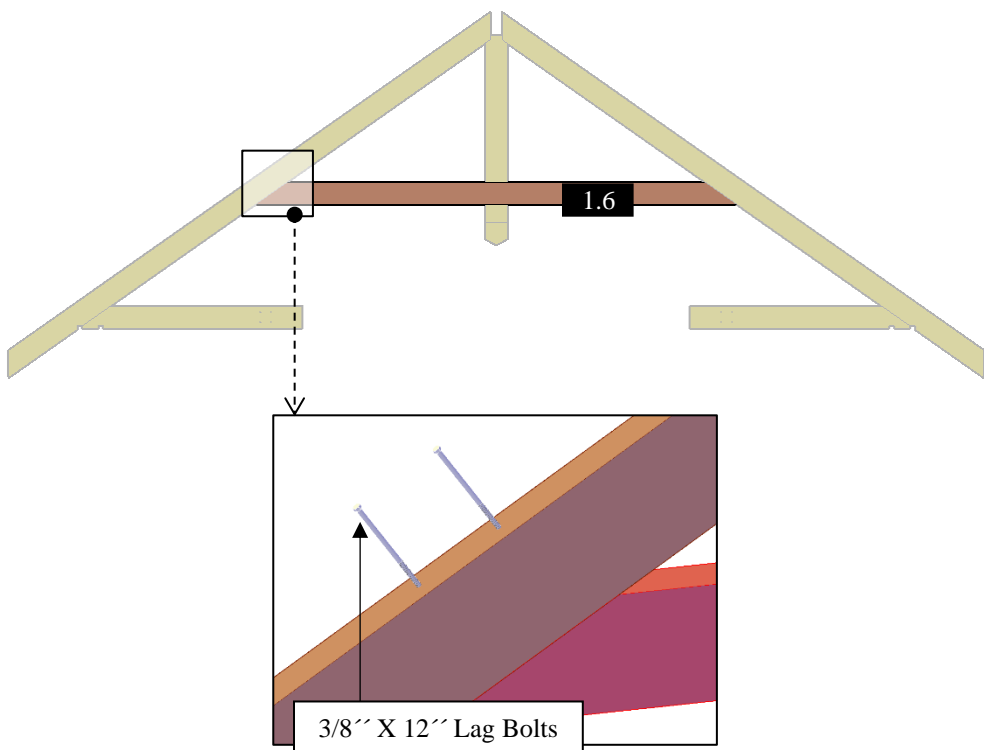
Step 9: Use 3/8'' x 12'' lag bolts (A) to attach the rafters (1.1) to the hammer-beams (1.2). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



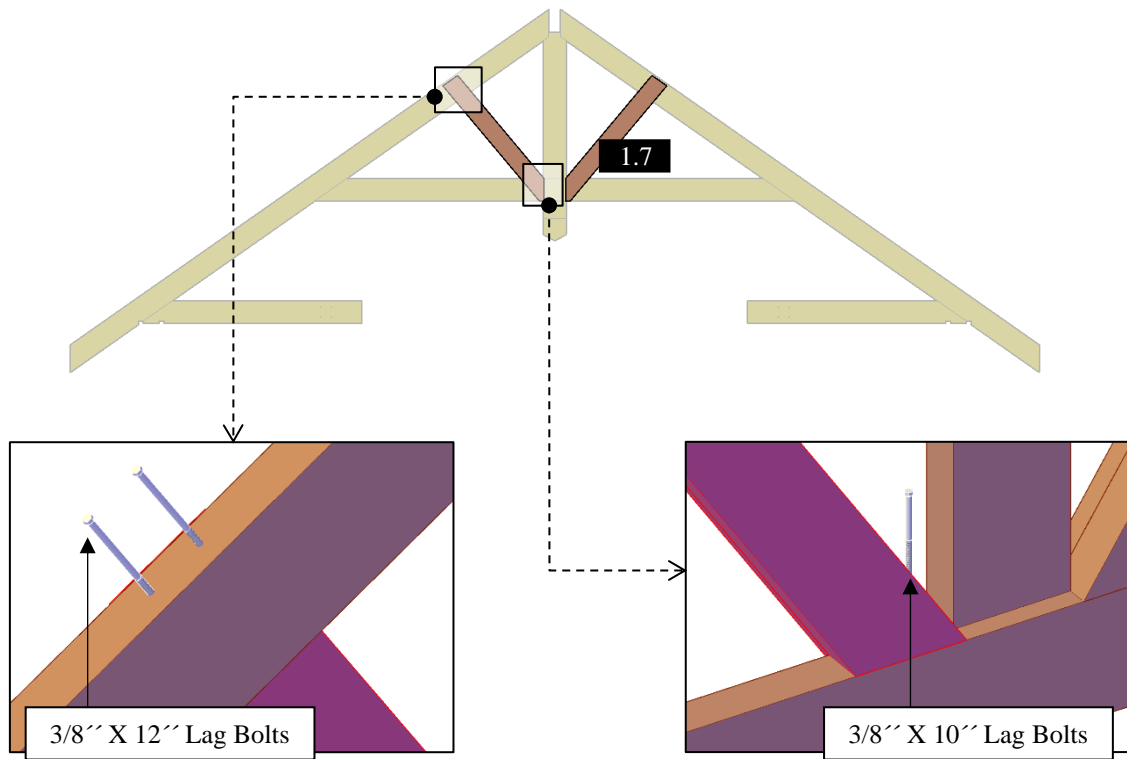
Step 10: Use 3/8" x 12" lag bolts (A) to attach the king post (1.5) to the rafters. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



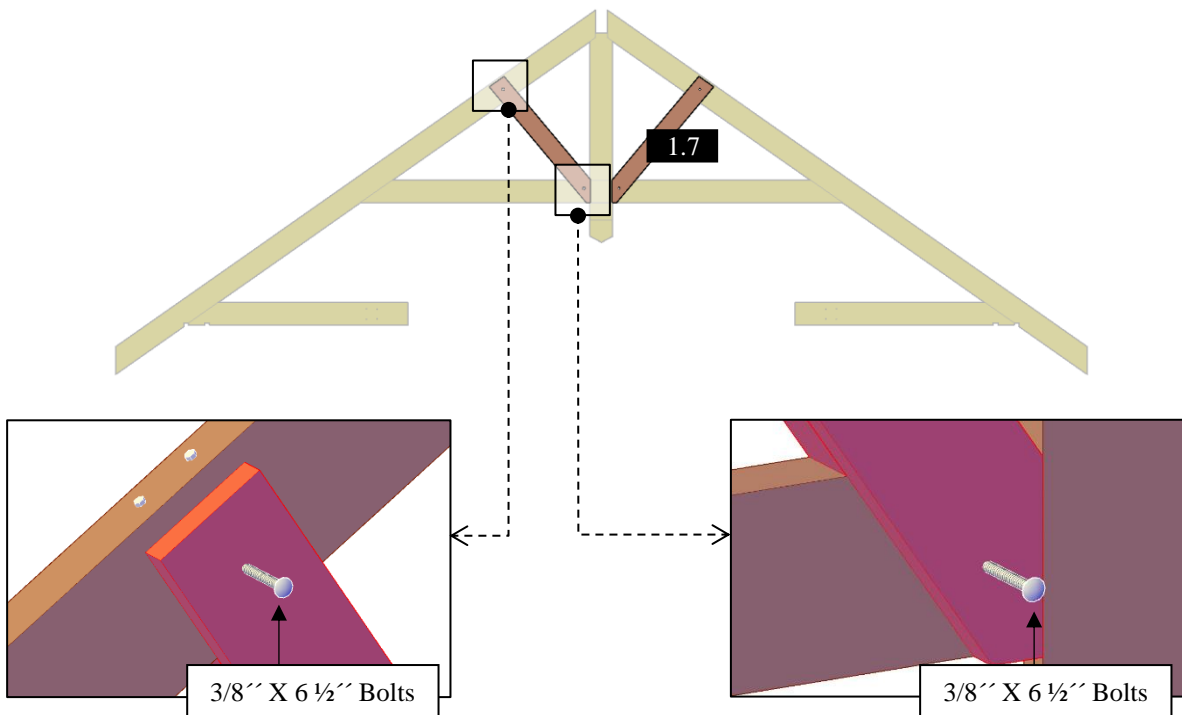
Step 11: Attach the collar tie (1.6) to the rafters with 3/8" x 12" lag bolts (A). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



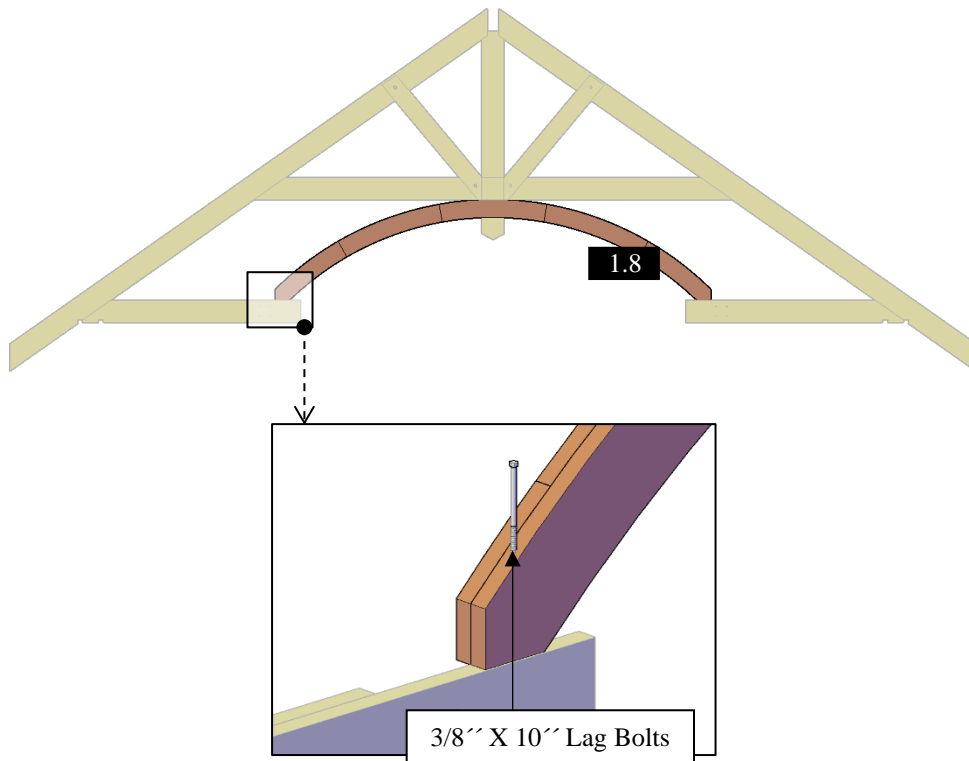
Step 12: Use 3/8" x 12" lag bolts (A) to attach the struts (1.7) to the rafters and 3/8" x 10" lag bolts (B) to attach to the collar tie. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



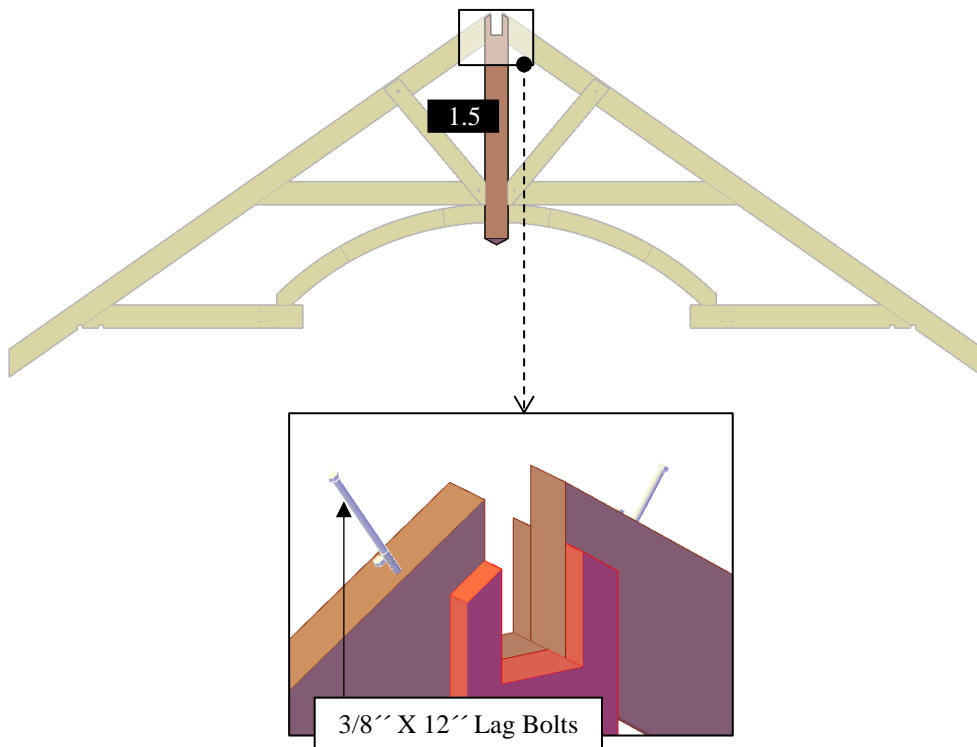
Step 13: Attach the struts (1.7) to the rafters and to the collar tie with 3/8" x 6 1/2" bolts (C). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



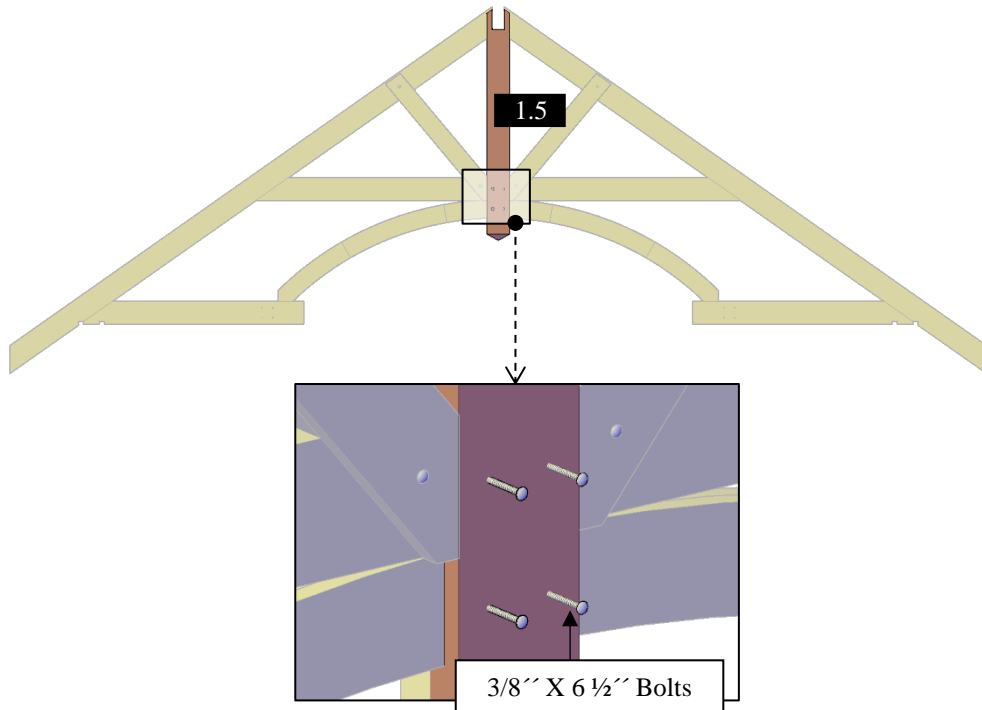
Step 14: Use 3/8" x 10" lag bolts (B) to attach the arches (1.8) to the hammer beams. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



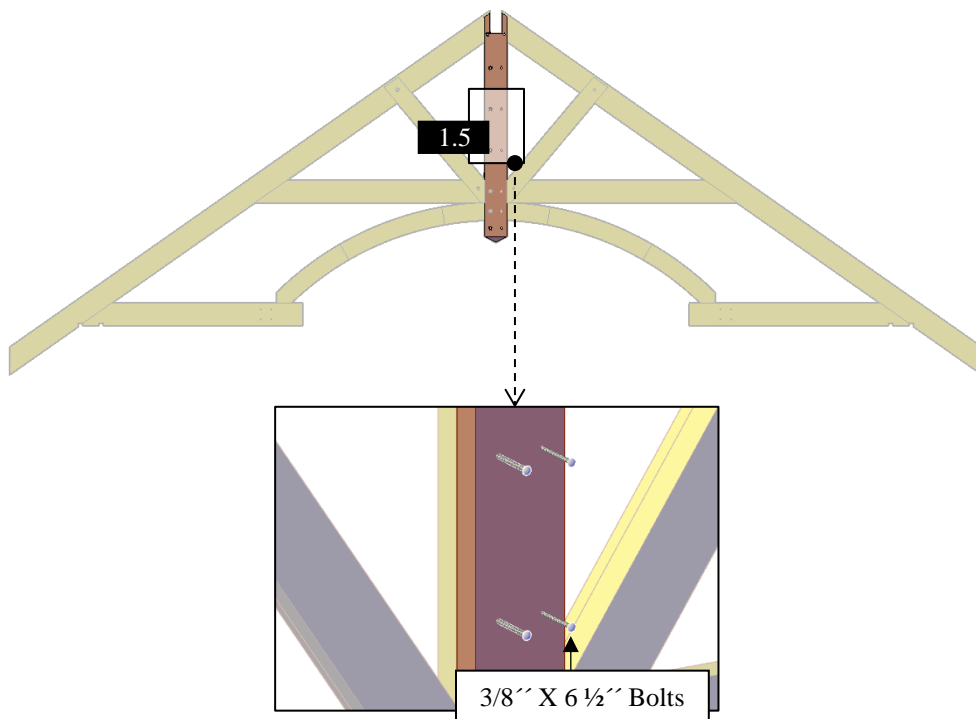
Step 15: Attach the king post (1.5) to the rafters with 3/8" x 12" lag bolts (A). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



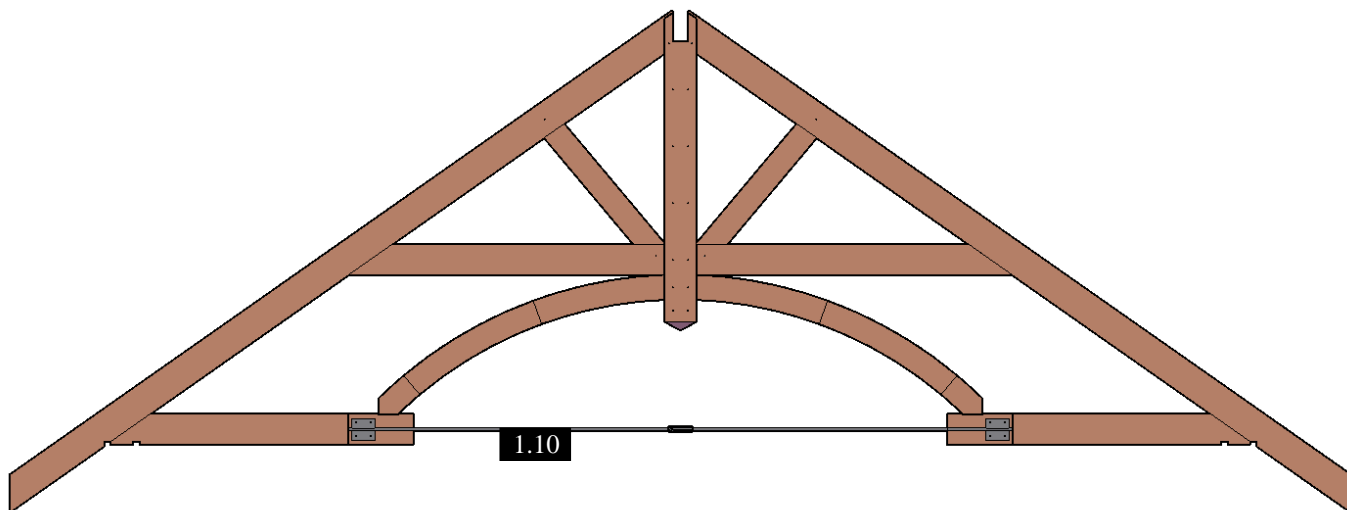
Step 16: Use 3/8" x 6 1/2" bolts (C) to attach the king post (1.5) to the arc and to the collar tie. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



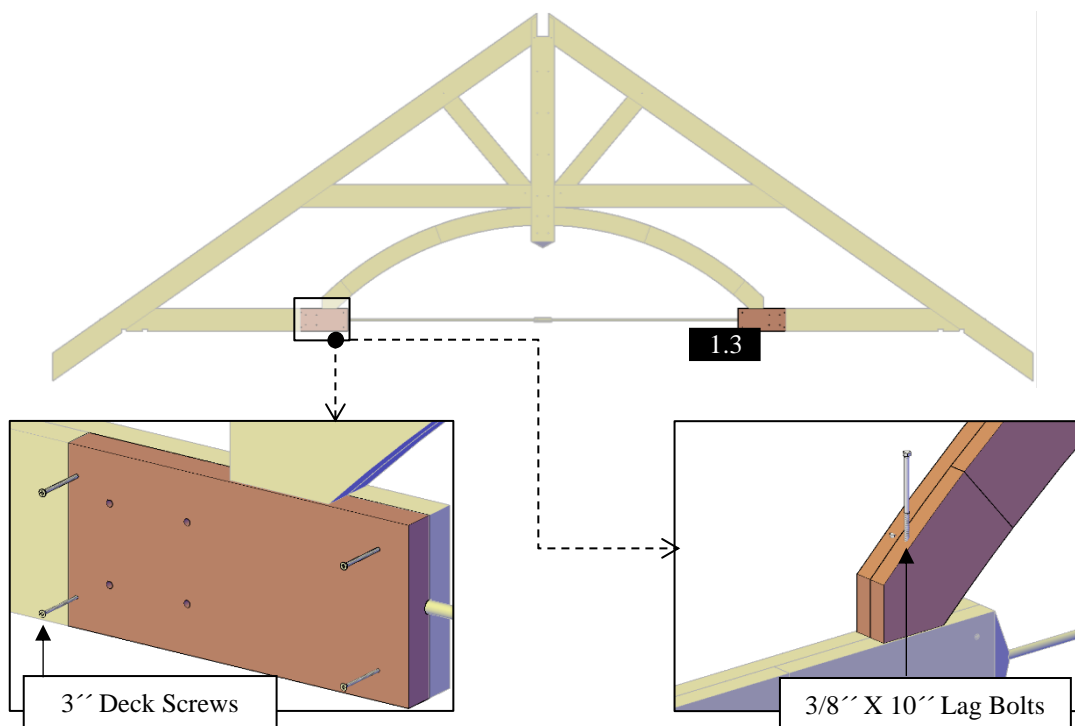
Step 17: Attach the king post (1.5) with 3/8" x 6 1/2" bolts (C). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



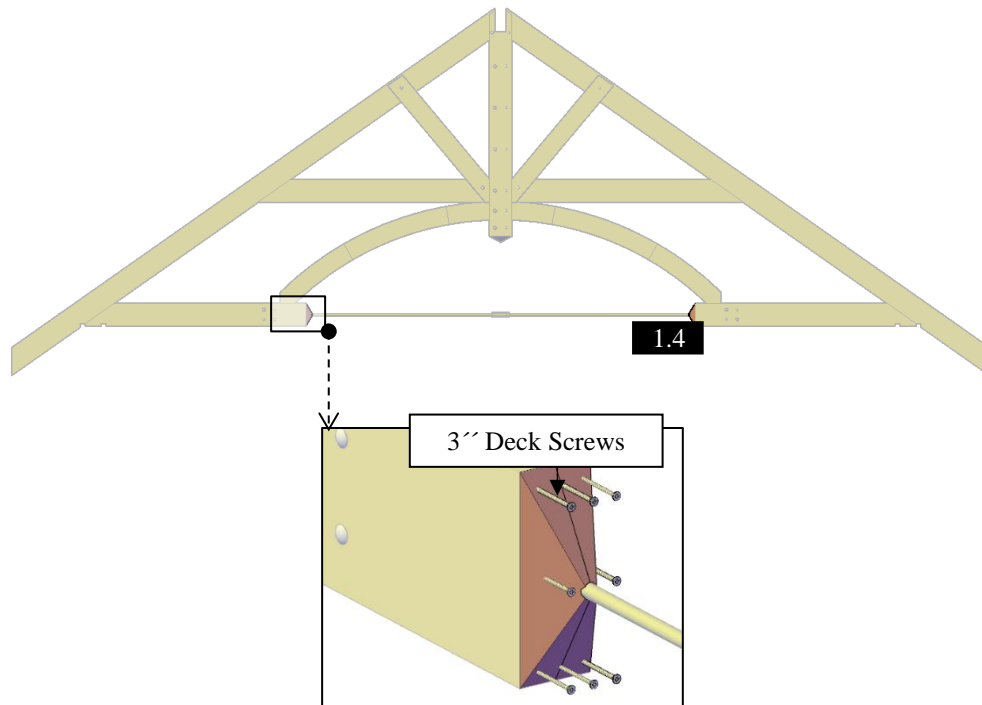
Step 18: Place the tensors (1.10) on the hammer-beams notches.



Step 19: Attach hammer-beam covers (1.3) to the hammer-beams with 3'' deck screws (D). After that, use 3/8'' x 10'' lag bolts (B) to attach the arches to the hammer-beam covers. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



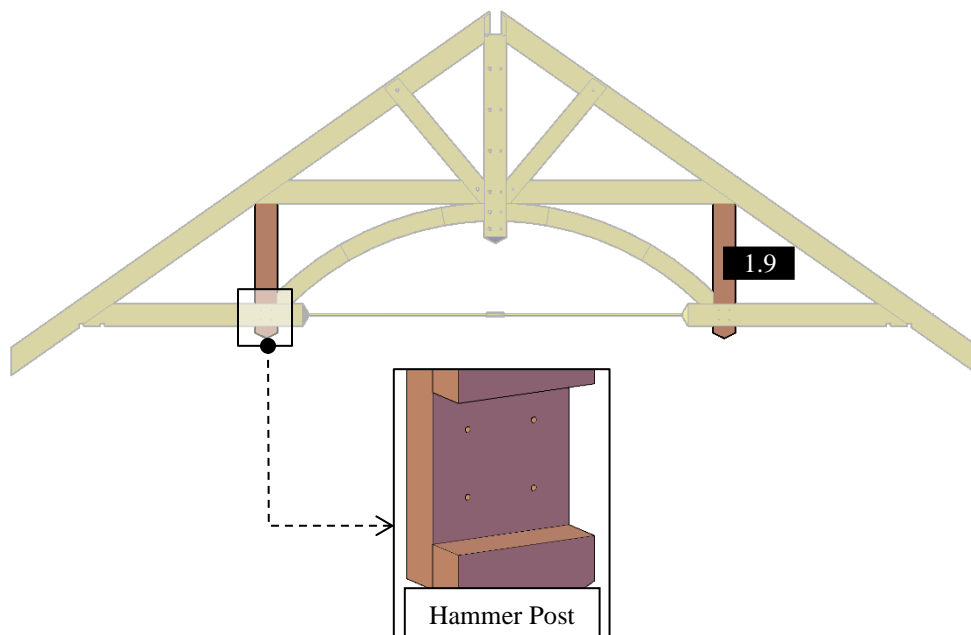
Step 20: Attach hammer-beam tips (1.4) to the hammer-beams and to the hammer beam-covers with 3'' Deck Screws (D). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



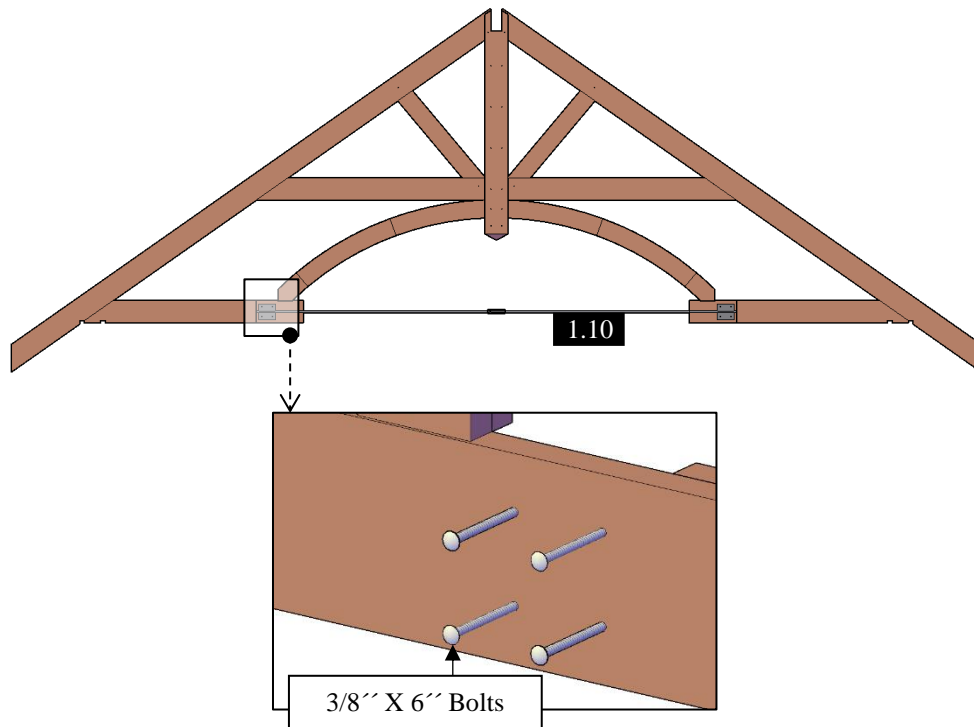
Assemble the **Central Hammer-Beam Roof Trusses**

Repeat the steps 7 to 17.

Step 21: Place the hammer posts (1.9) in their place. After that, drill the hammer posts with the 3/8'' drill bit. Each part has a series of numbers that indicate where to attach the part with the corresponding number.

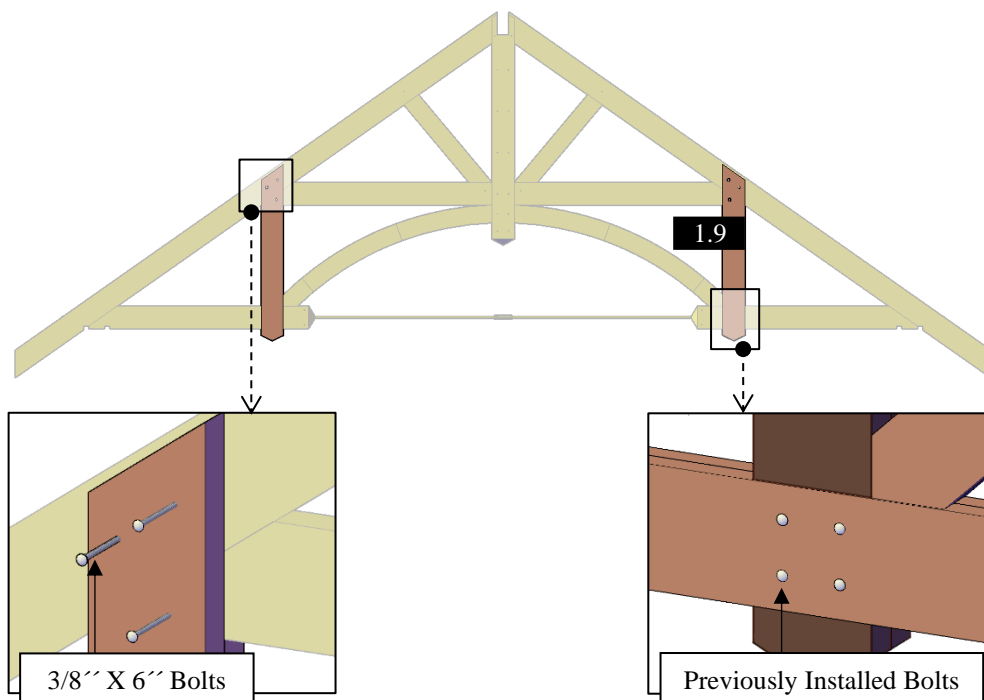


Step 22: Use 3/8" x 6" bolts (E) to attach to tensors (1.10) to the hammer-beams.
Note: The bolts must be flush with the tensor.

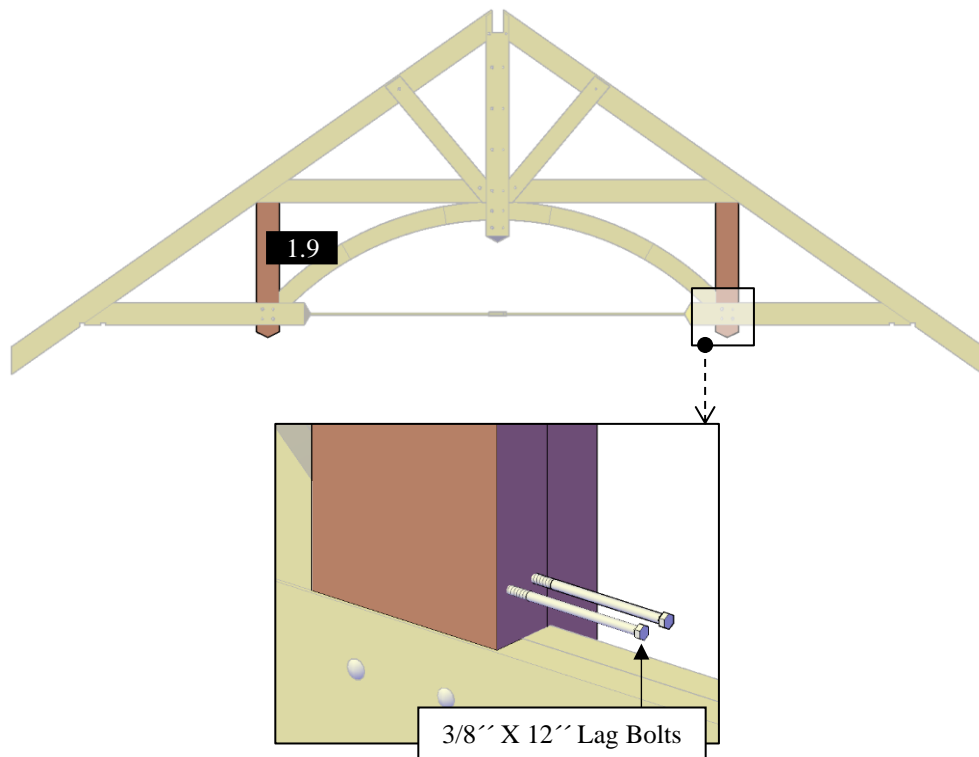


Repeat the steps 19 & 20.

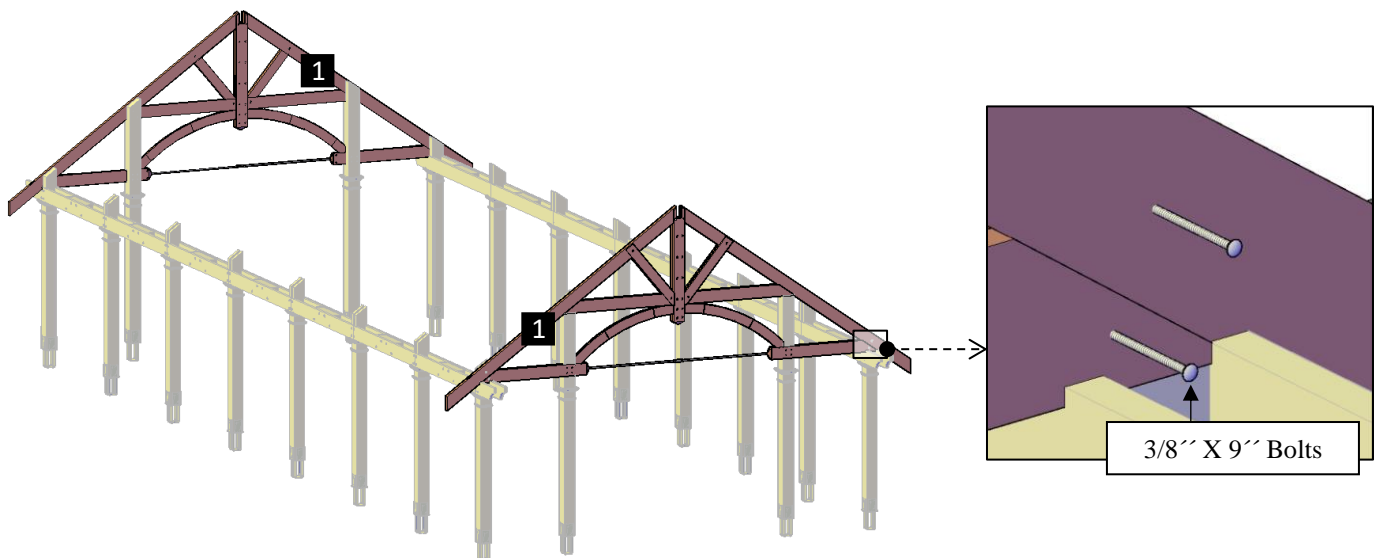
Step 23: Use 3/8" x 6" bolts (E) to attach the hammer posts (1.9) to the rafters, to the collar tie and to the hammer beams. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



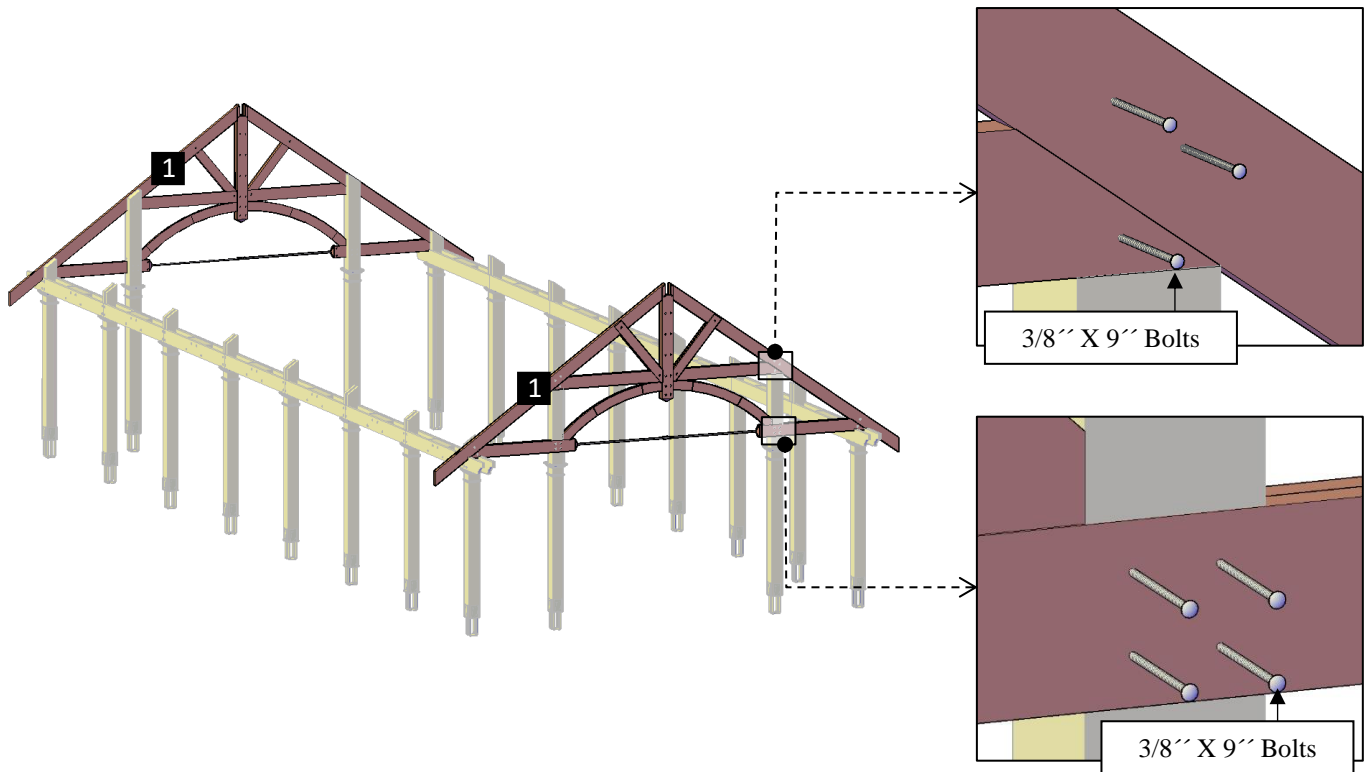
Step 24: Attach the hammer posts (1.9) to the arc with 3/8" x 12" lag bolts (A). After that repeat the Each part has a series of numbers that indicate where to attach the part with the corresponding number.



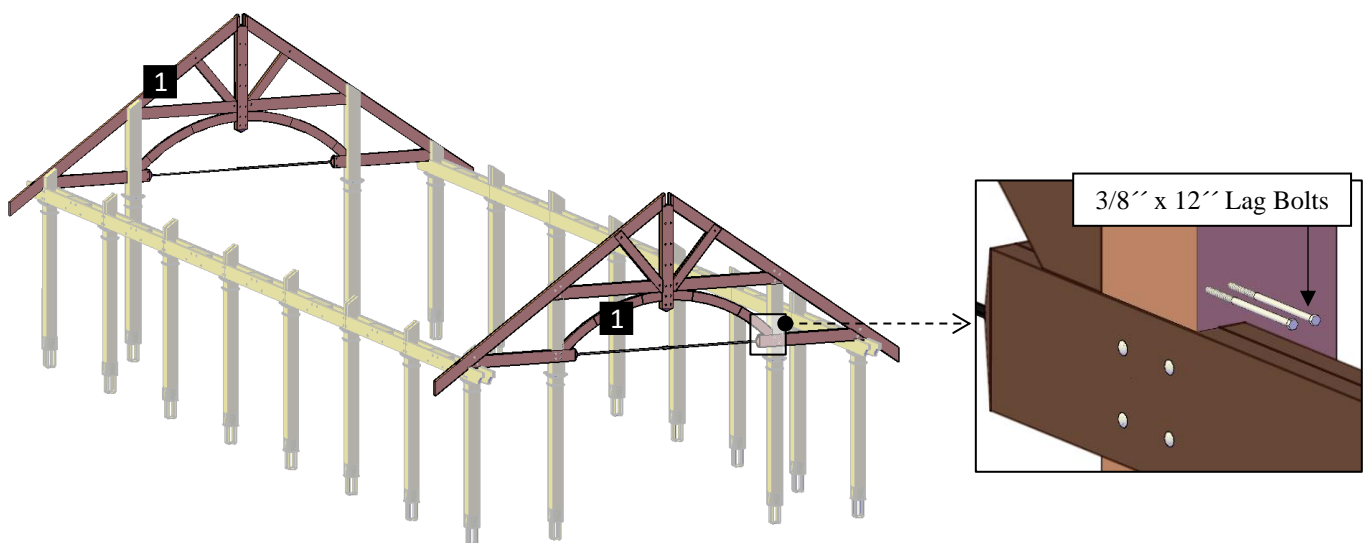
Step 25: Attach the perimeter roof trusses (1) to the posts-A with 3/8" x 9" bolts (I). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



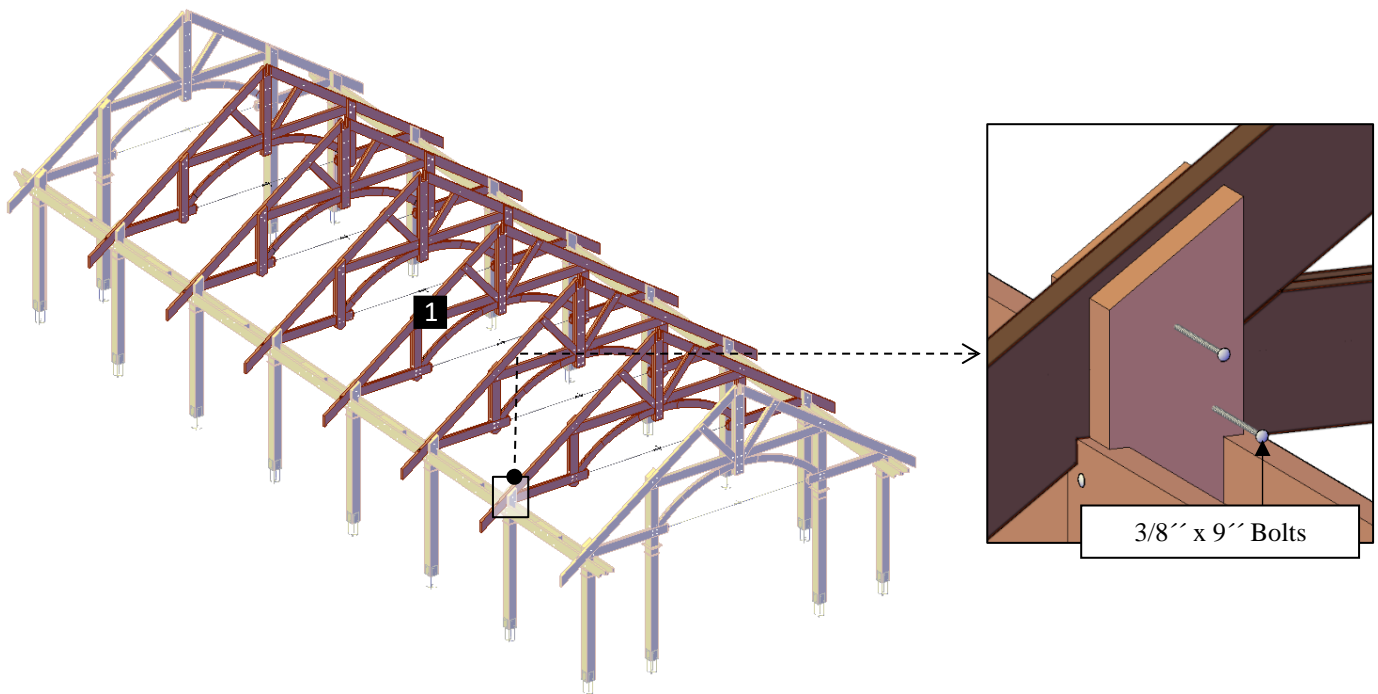
Step 26: Attach the perimeter roof trusses (1) to the posts-B with 3/8" x 9" bolts (I). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



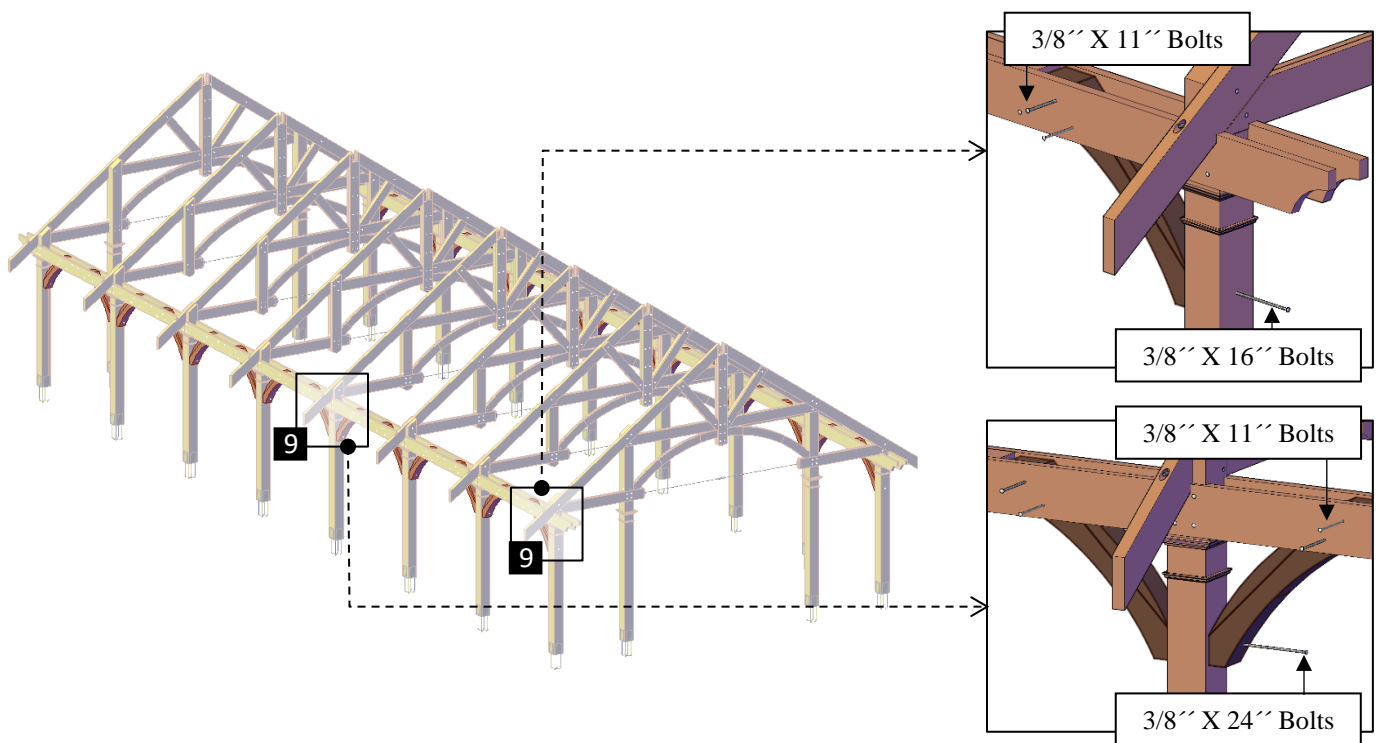
Step 27: Drill holes in the posts-B at the necessary distances. After that, use 3/8" x 12" lag bolts (J) to attach the posts-B to the perimeter roof trusses (1). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



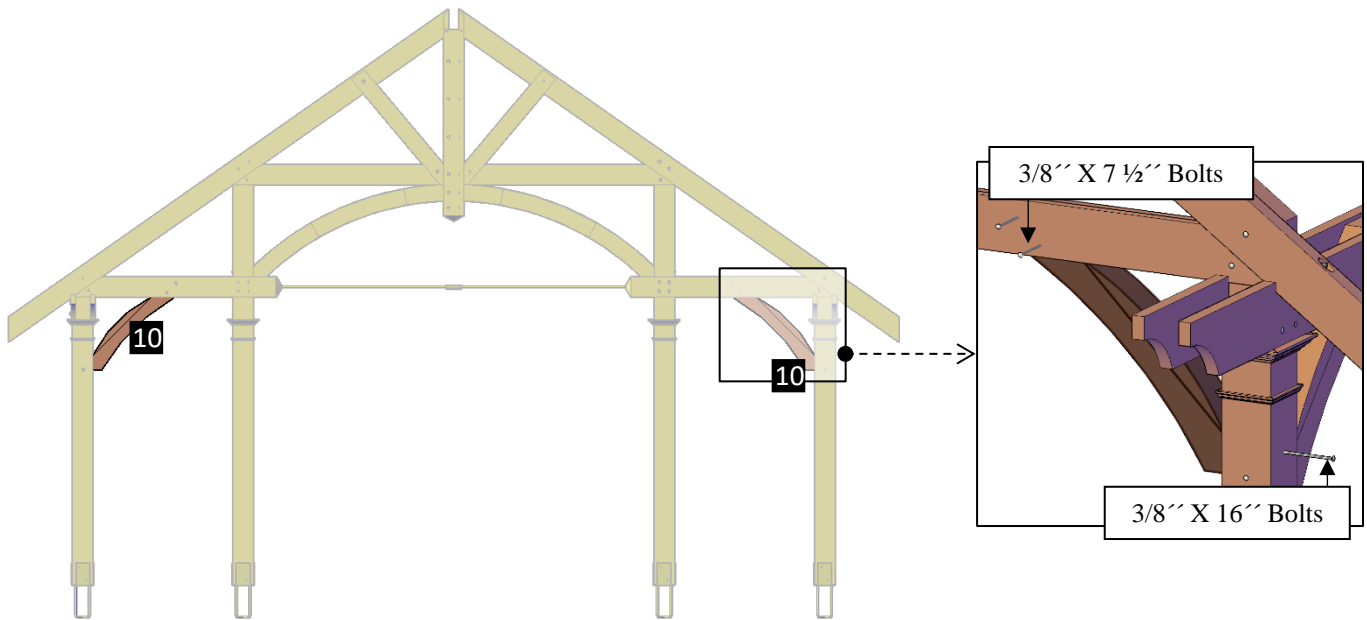
Step 28: Attach the central roof trusses (1) to the posts-A with 3/8" x 9" bolts (I). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



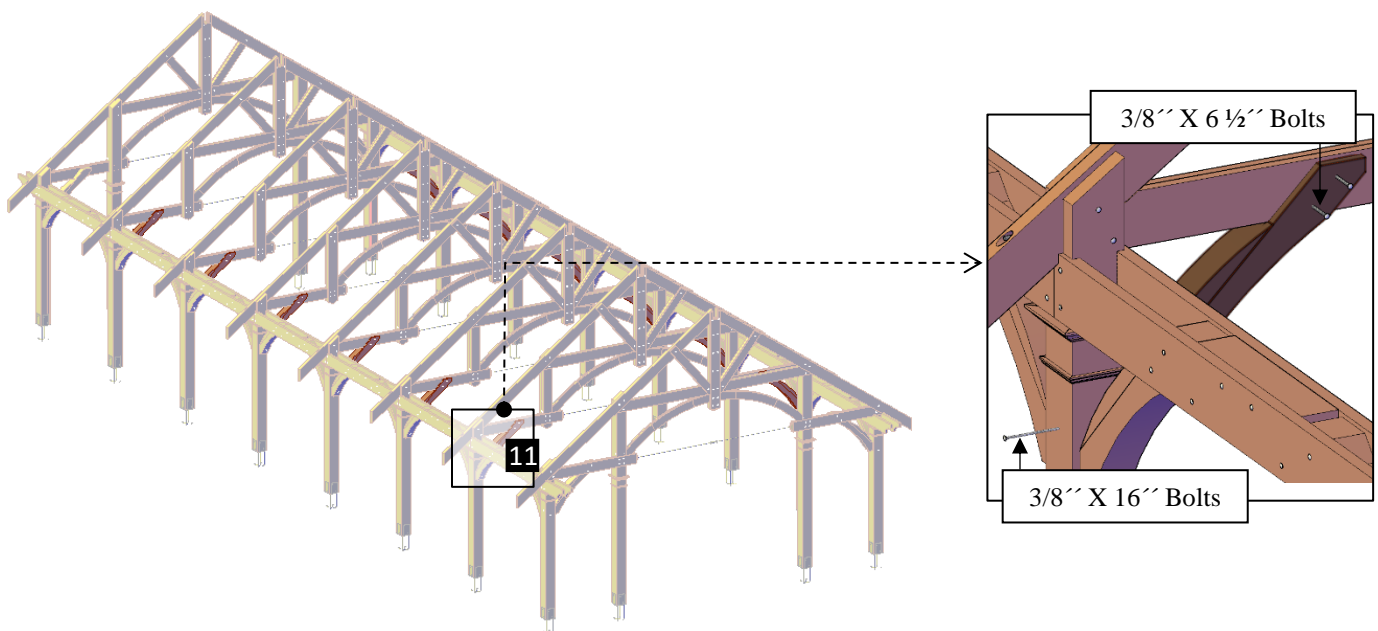
Step 29: A Use 3/8" x 11" bolts (H) to attach the main knee braces (9) to the supports. After that, attach to the perimeter posts-A with 3/8" x 16" bolts (K) and to the central posts-A with 3/8" x 24" bolts (L). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



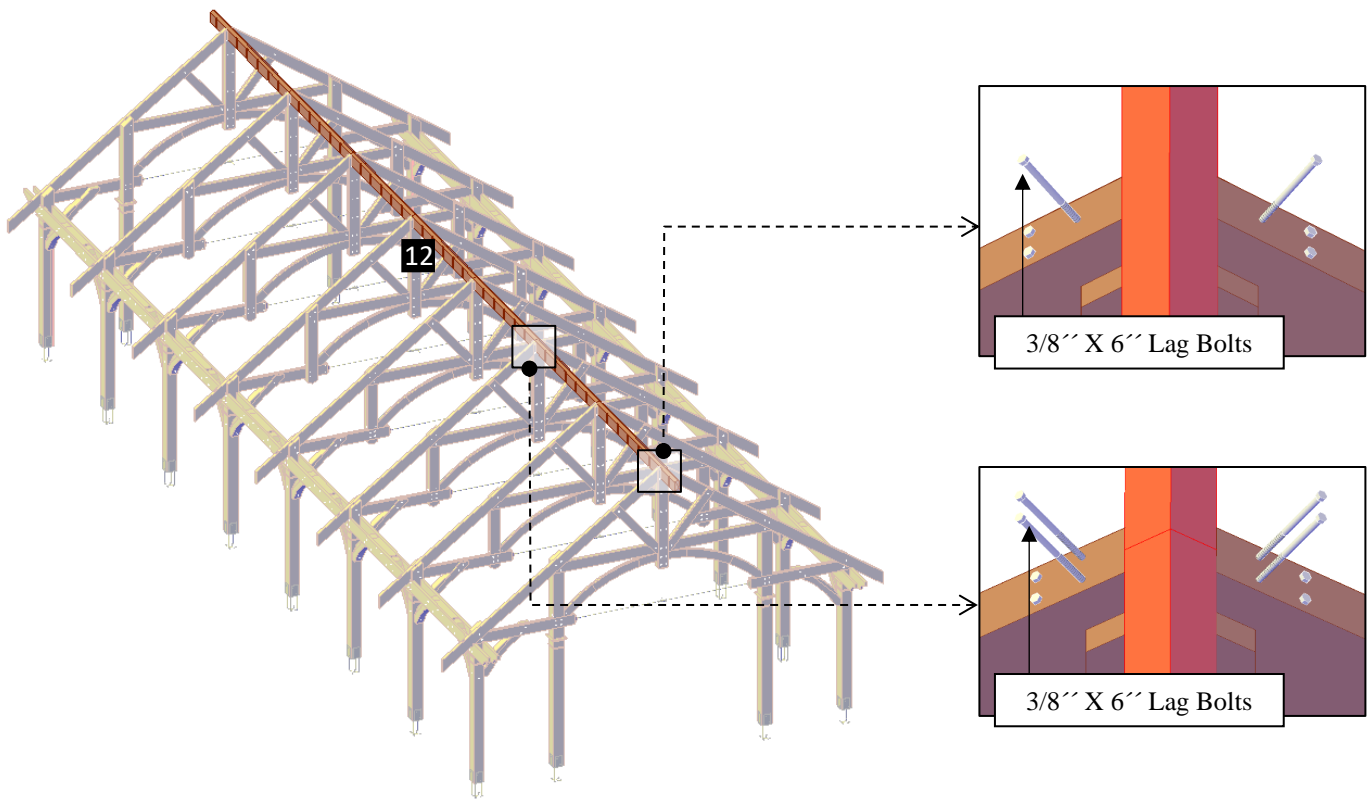
Step 30: Drill holes in the secondary knee braces-A (10) at the necessary distances. After that, use 3/8" x 7 1/2" bolts (M) to attach the secondary knee braces-A to the perimeter roof trusses and 3/8" x 16" bolts (K) to attach to the perimeter posts-A. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



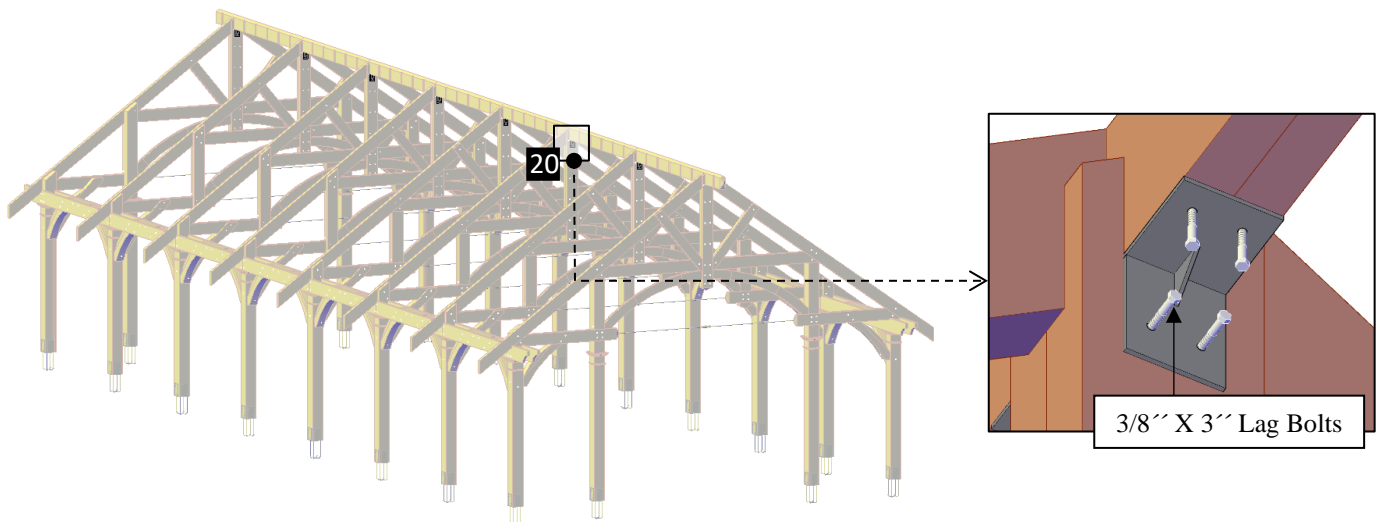
Step 31: Drill holes in the secondary knee braces-B (11) at the necessary distances. After that, use 3/8" x 6 1/2" bolts (N) to attach the secondary knee braces-B to the central roof trusses and 3/8" x 16" bolts (K) to attach to the perimeter posts-A. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



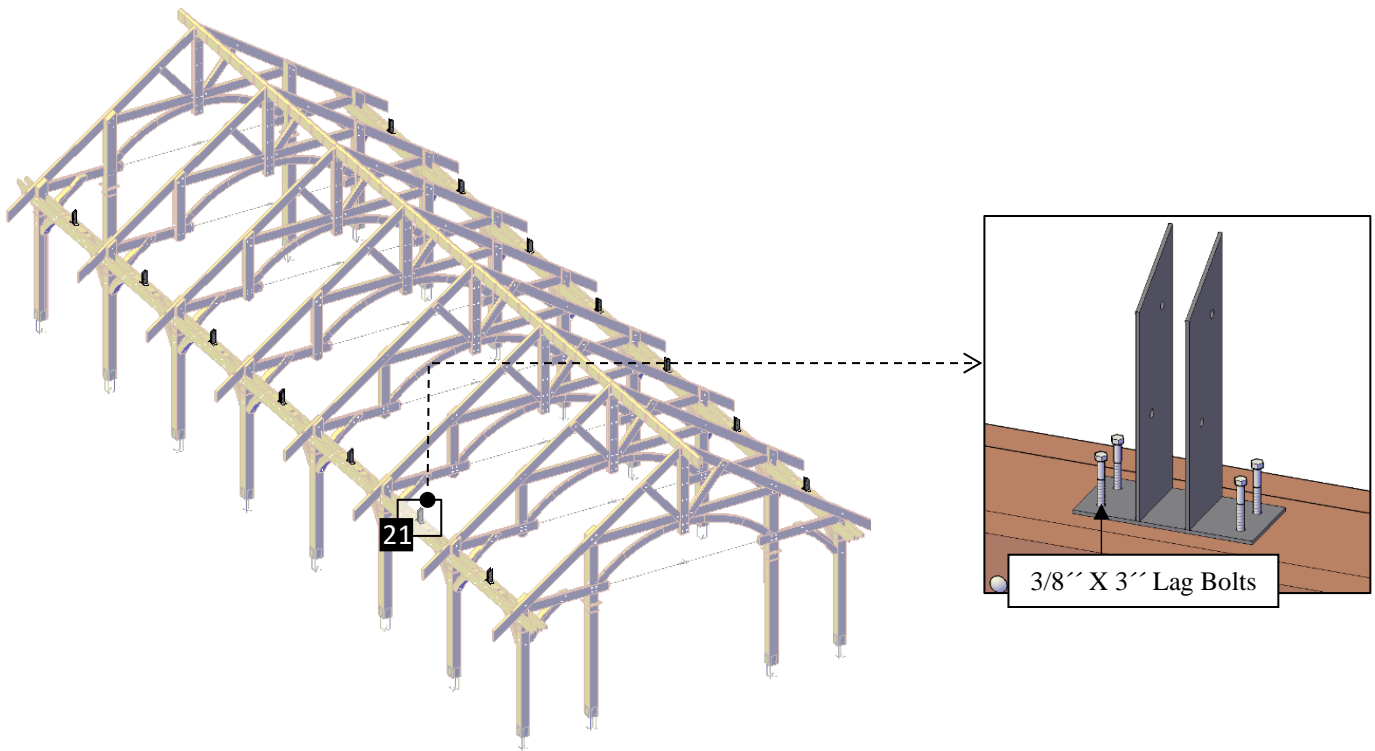
Step 32: Use 3/8" x 6" lag bolts (O) to attach the ridge beams (12) to the roof trusses. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



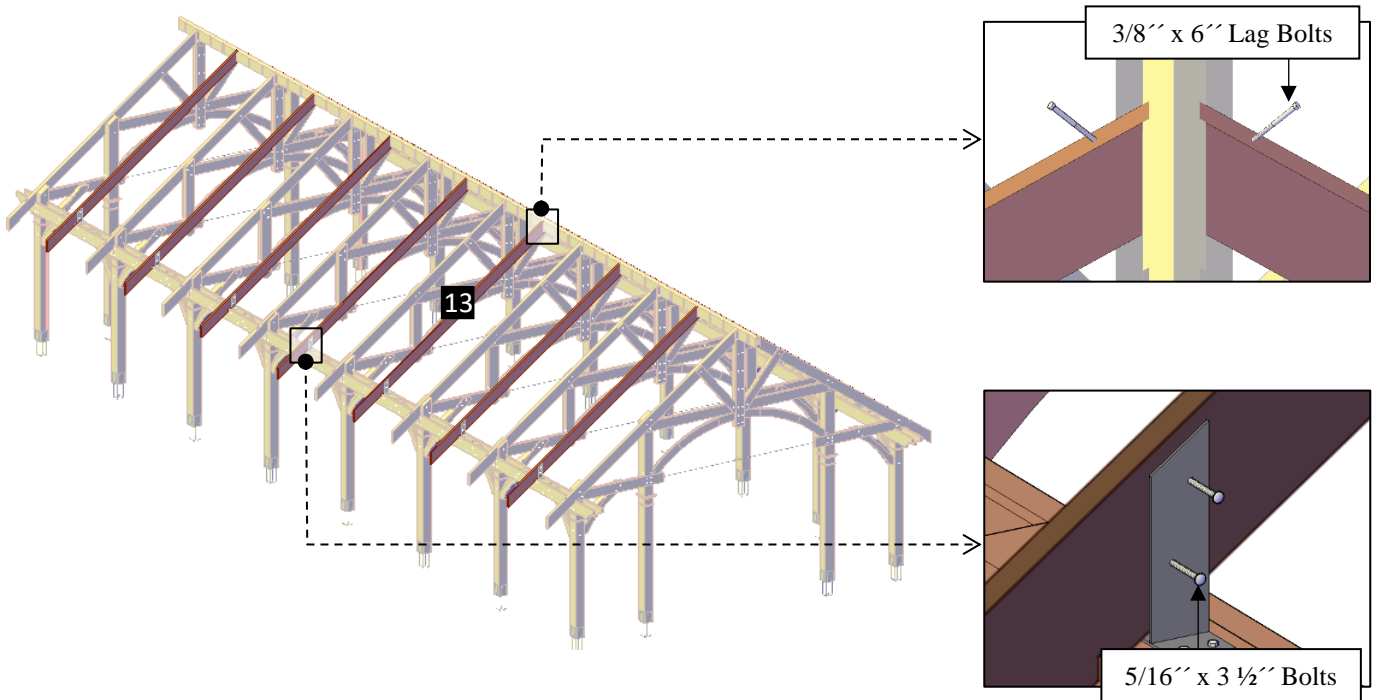
Step 33: Attach the Angles (20) to the ridge beams and to the roof trusses with 3/8" x 3" lag bolts (P). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



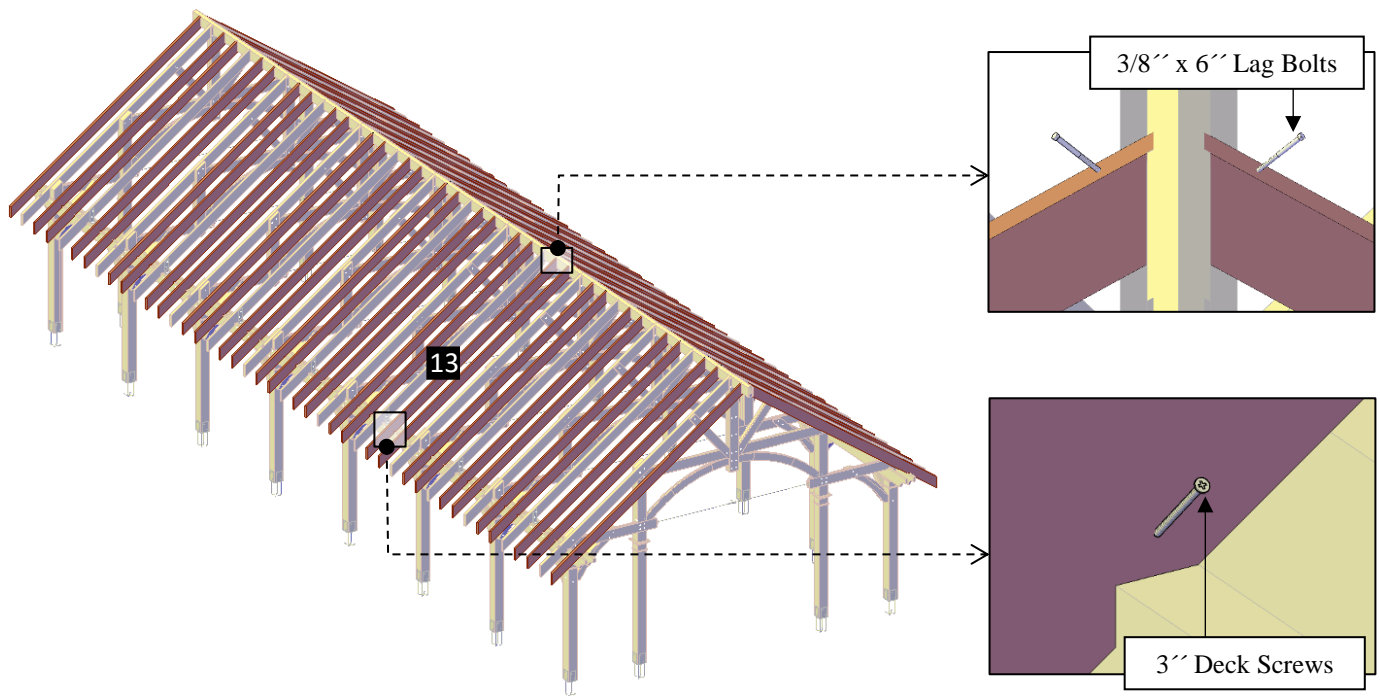
Step 34: Use 3/8" x 3" lag bolts (B) to attach the metal plaques (21) to the in-between blockings. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



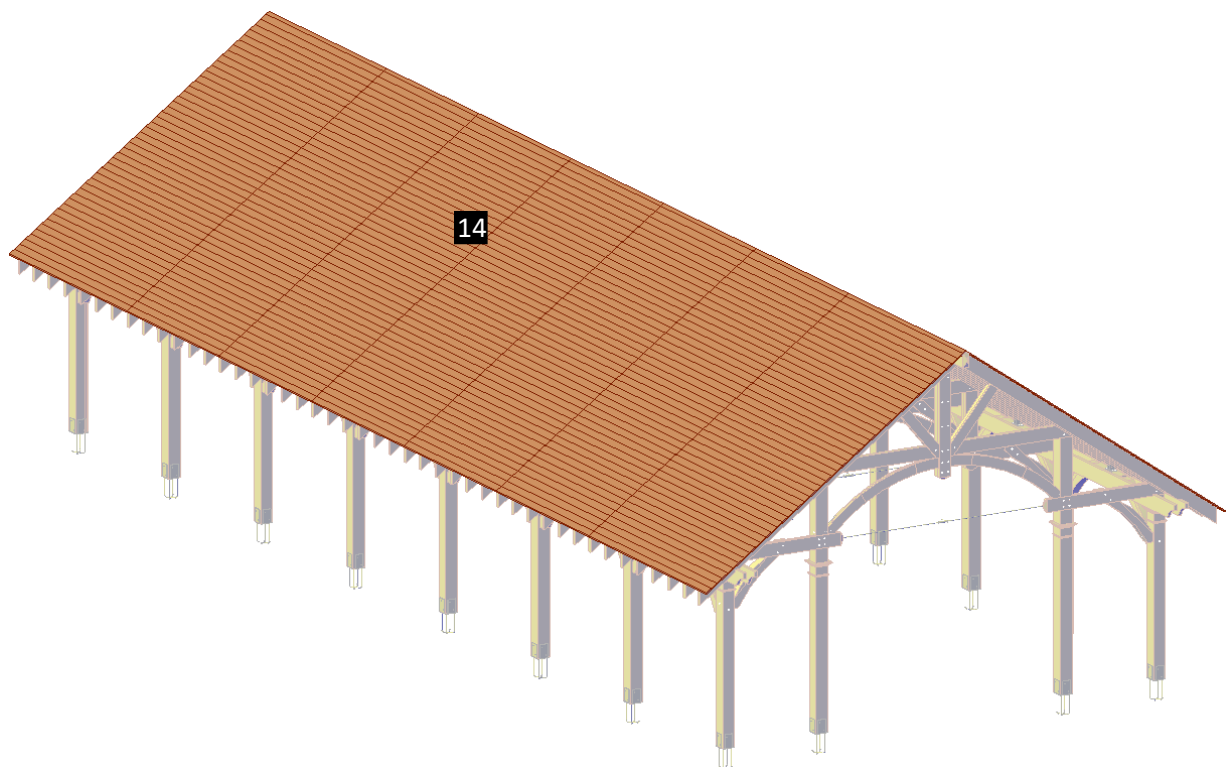
Step 35: Attach the rafters (13) to the metal plaques with 5/16" x 3 1/2" bolts (Q) and to the ridge beam with 3/8" x 6" lag bolts (O). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



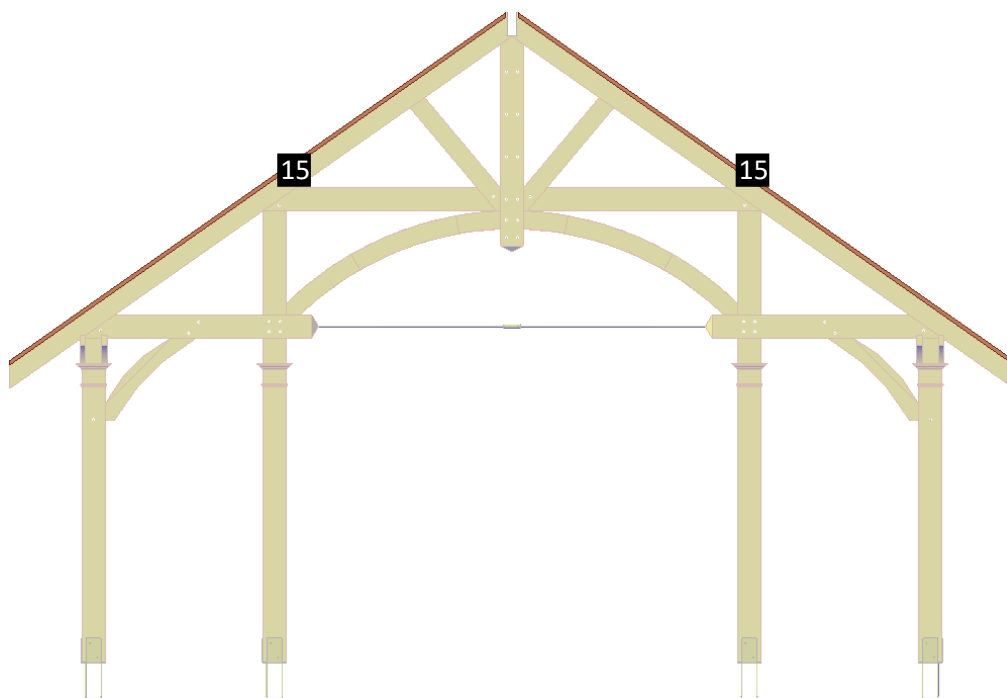
Step 36: Use 3'' deck screws (**Q**) to attach the rest of rafters (**13**) to the supports and 3/8'' x 6'' lag bolts (**O**) to attach to the ridge beams. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



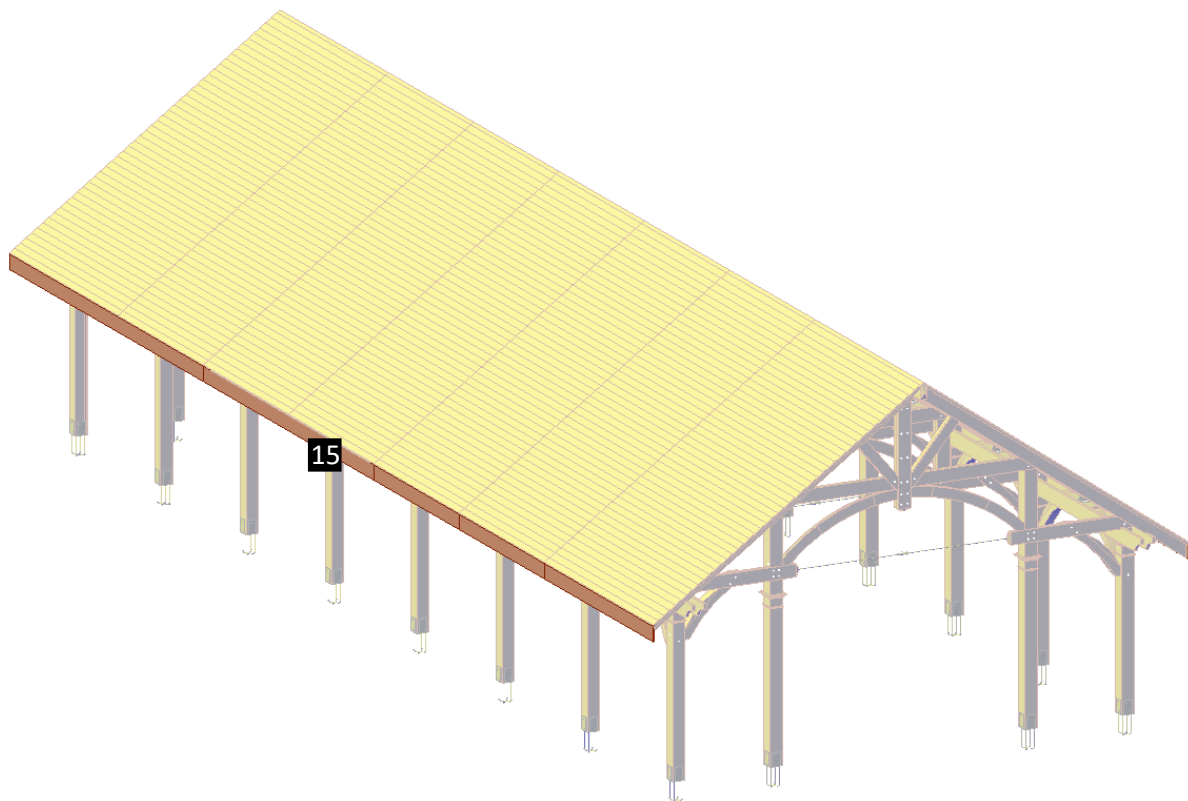
Step 37: Attach the roof boards (**14**) to the roof trusses and to the rafters with 1 5/8'' deck screws (**R**). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



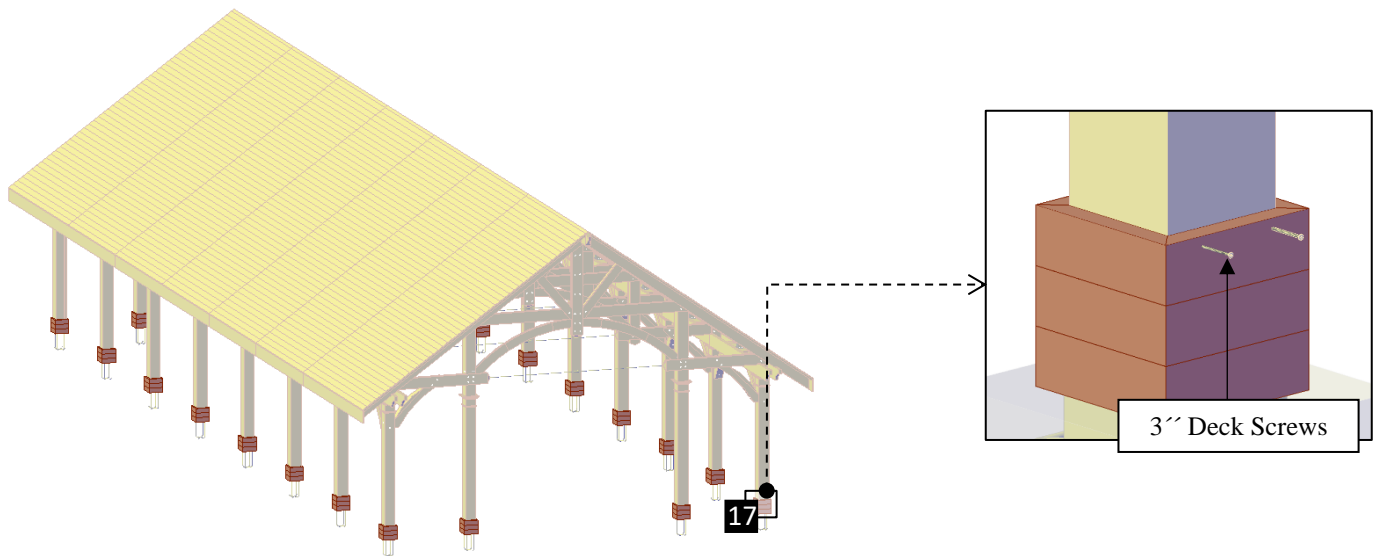
Step 38: Use 1 5/8" deck screws (**R**) to attach the roof trims (**15**) to the roof boards. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



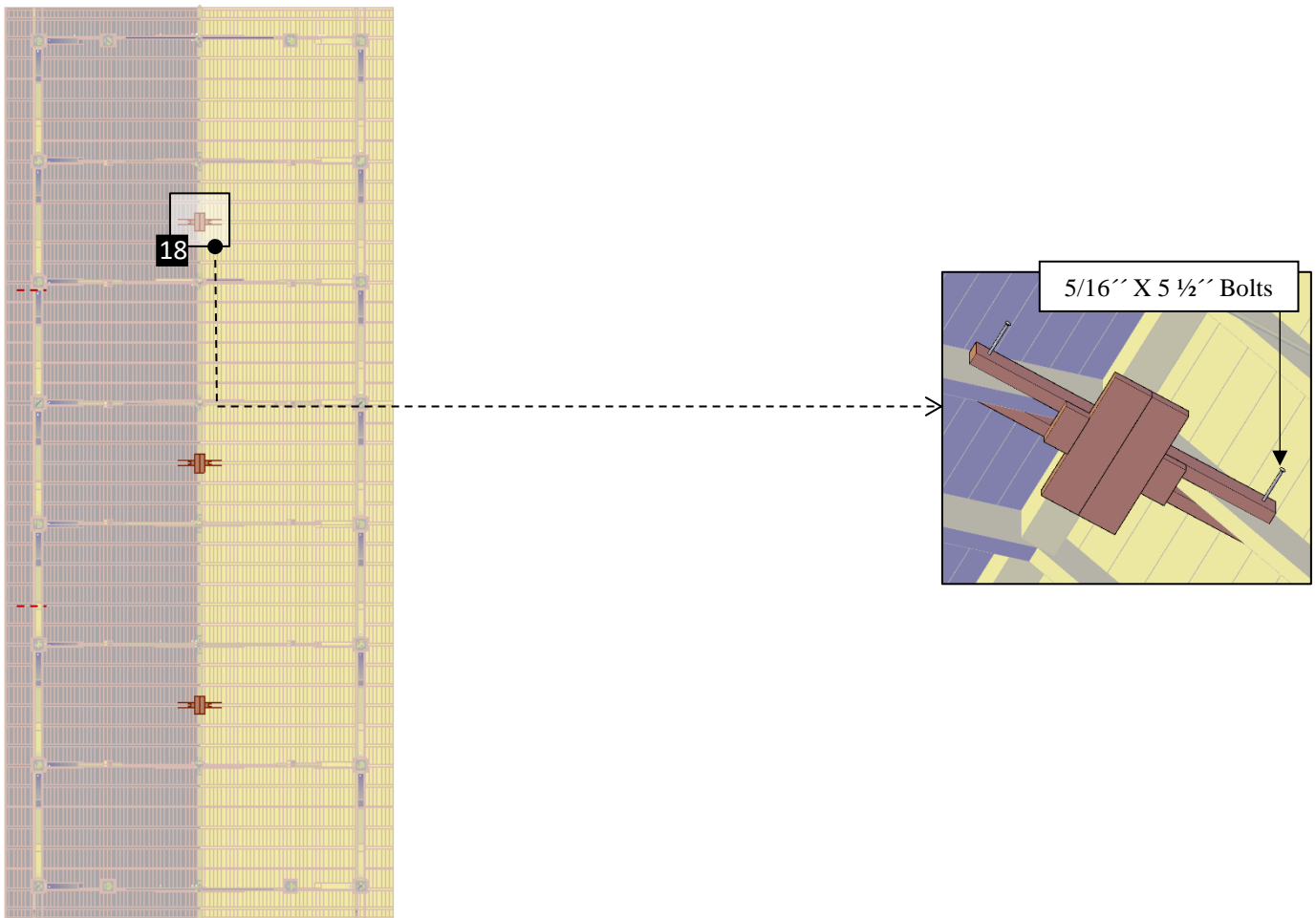
Step 39: Use 3" deck screws (**S**) to attach the roof fascia's (**16**) to roof trusses and to the rafters. Each part has a series of numbers that indicate where to attach the part with the corresponding number.



Step 40: Attach the boots (17) to the posts with 3'' deck screws (S). Each part has a series of numbers that indicate where to attach the part with the corresponding number.



Step 41: Finally, use 5/16'' x 5 1/2'' bolts (T) to attach the ceiling fan bases (18) to the rafters. Each part has a series of numbers that indicate where to attach the part with the corresponding number.





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.