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14' x 12' Gazebo with Hip Roof

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5 lbs

65 ft

1 Roll

220 sq. ft

10 lbs

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	Raw Materials Needed	
1	Gazebo Leg	6 x 6 Lumber x 8ft long	4	DESCRIPTION	QTY.
2	Front Stringer	2 x 12 Lumber x 162" Long	2	6 x 6 x 8ft Long	4 pcs
3	Side Stringer	2 x 12 Lumber x 138" Long	2	2 x 12 x 14ft Long	4 pcs
4	Front Inside Stringer	2 x 12 Lumber x 148" Long	2	2 x 12 x 12ft Long	4 pcs
5	Side Inside Stringer	2 x 12 Lumber x 127" Long	2	2 x 6 x 16ft Long	2 pcs
6	Brace 001	2 x 6 x 48" Long	8	C C	
7	Roof Stringer	2 x 8 Lumber x 72" Long	2	2 x 6 x 14ft Long	2 pcs
8	Rafter 01	2 x 6 Lumber x 87-3/16" Long	8	² x 6 x 12ft Long	1 pc
9	Side Rafter Support	2 x 4 Lumber x 7-1/4" Long	2	2 x 6 x 10ft Long	4 pcs
10	Rafter 02	2 x 6 Lumber x 64-3/8" Long	2	2 x 6 x 8ft Long	20 pcs
11	Rafter 03	2 x 6 Lumber x 99-3/4" Long	4	2 x 8 x 8ft Long	2 pcs
12	Rafter 04	2 x 6 Lumber x 46-13/16" Long	4	2 x 8 x 8ft Long	
13	Rafter 05	2 x 6 Lumber x 27-13/16" Long	4	3	1 pc
14	Rafter 06	2 x 6 Lumber x 48-7/16" Long	4	7/16"x4'x8' OSB Sheathing	8 Sheets
15	Front Roof Trim	2 x 6 Lumber x 175-5/8" Long	2	7/16"x4'x10' OSB Sheathing	1 Sheet
16	Side Roof Trim	2 x 6 Lumber x 157" Long	2	1/2" x 8" Carriage Bolts	16 pcs
17	RHSNBOLT 0.5-13x8x8-N	1/2" x 8" Carriage Bolt	16	1/2" Flat Washers	16 pcs
18	Regular FW 0.5	1/2" Hex Nut	16	1/2" Flange Nuts	16 pcs
19	HNUT 0.5-13-D-N	1/2" Hex Nut	16		-
	1	1	1	#9 x 3" Exterior Screws	15 lbs

Step 1 - Cut Gazebo Parts

- The 8' 6 x 6's do not need to be cut (Item #1)

- Cut two of the 14' 2 x 12's down to 162" (Item #2)
 Cut two of the 12' 2 x 12's down to 138" (Item #3)
 Cut two of the 14' 2 x 12's down to 148" (Item #4)
 Cut two of the 12' 2 x 12's down to 127" (Item #5)
 See detail #6 on Page 2 for instructions for cutting Item #6

- Cut the 12ft 2 x 8 into two pcs 72" Long (Item #7)
 See Details 8 & 9 on Page 2 for instructions on cutting Items #8 & 9
 See detail #10-12 on Page 3 for instructions for cutting Item #10-12
 See detail #13 & 14 on Page 4 for instructions for cutting Items #13 & 14
- Cut the two 16' 2 x 6's down to 175-5/8" (Item #15)
- Cut two of the 16' 2 x 6's down to 157" (Item #16)



#6 x 2" Exterior Screws

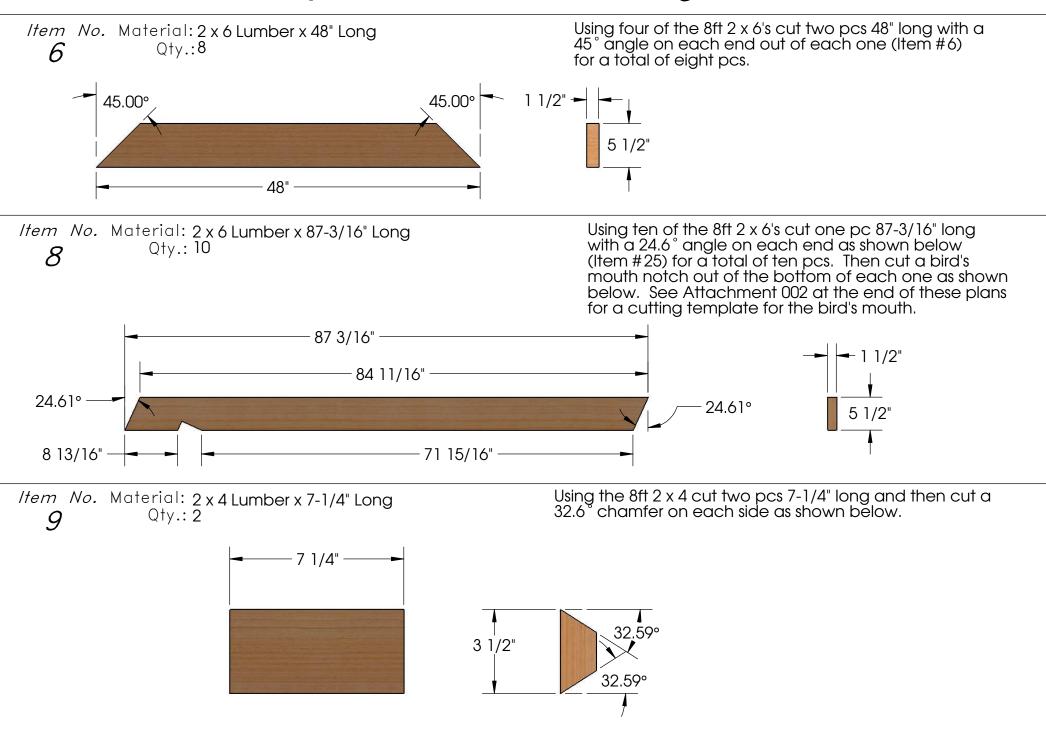
Roofing Underlayment

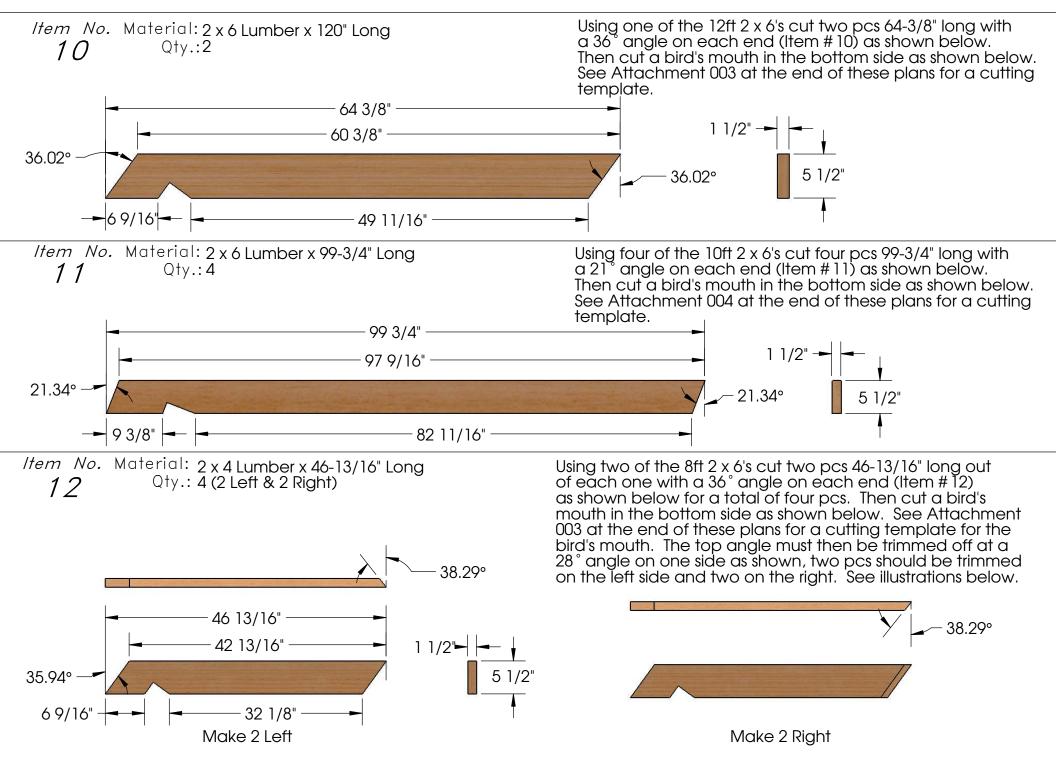
1-1/4" Roofing Nails

Drip Edge

Shingles

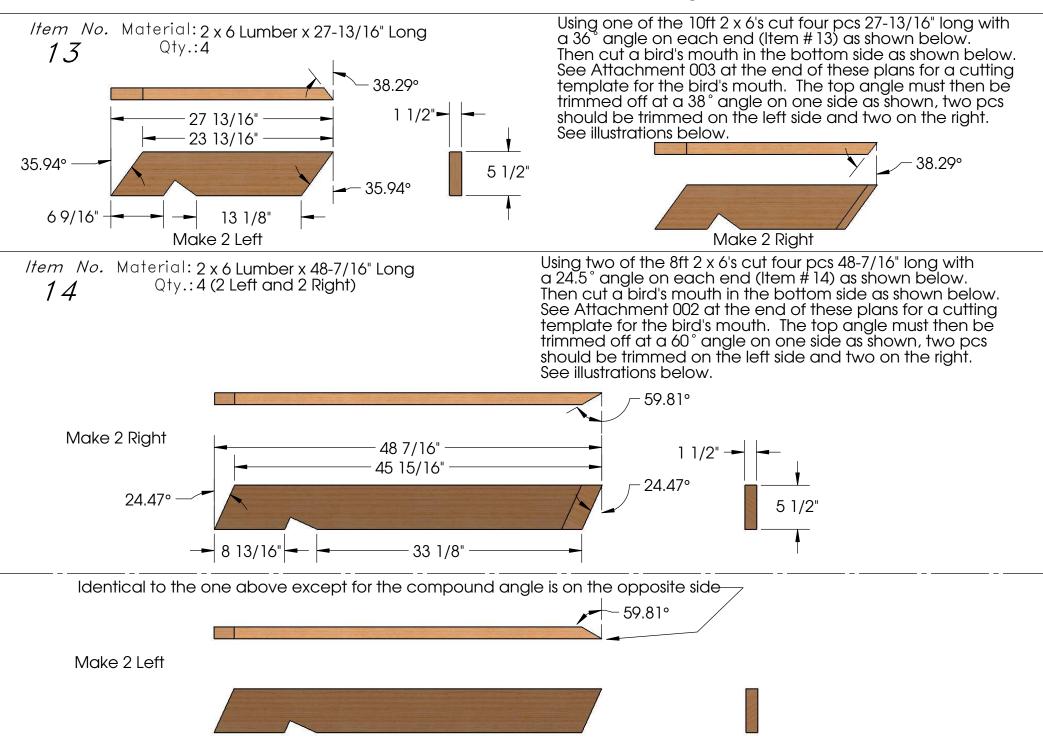
Step 1 cont. - Cut Boards to Length





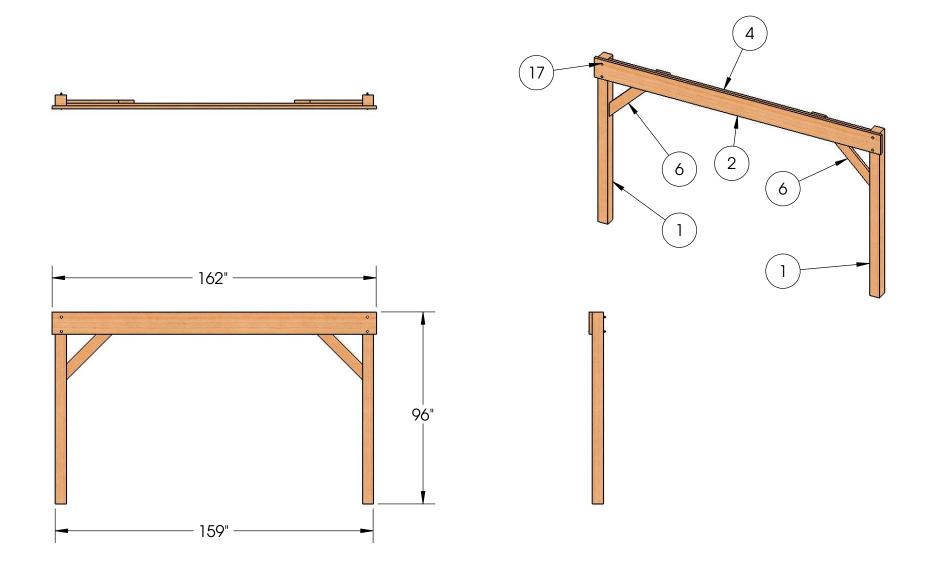
Step 1 cont. - Cut Boards to Length

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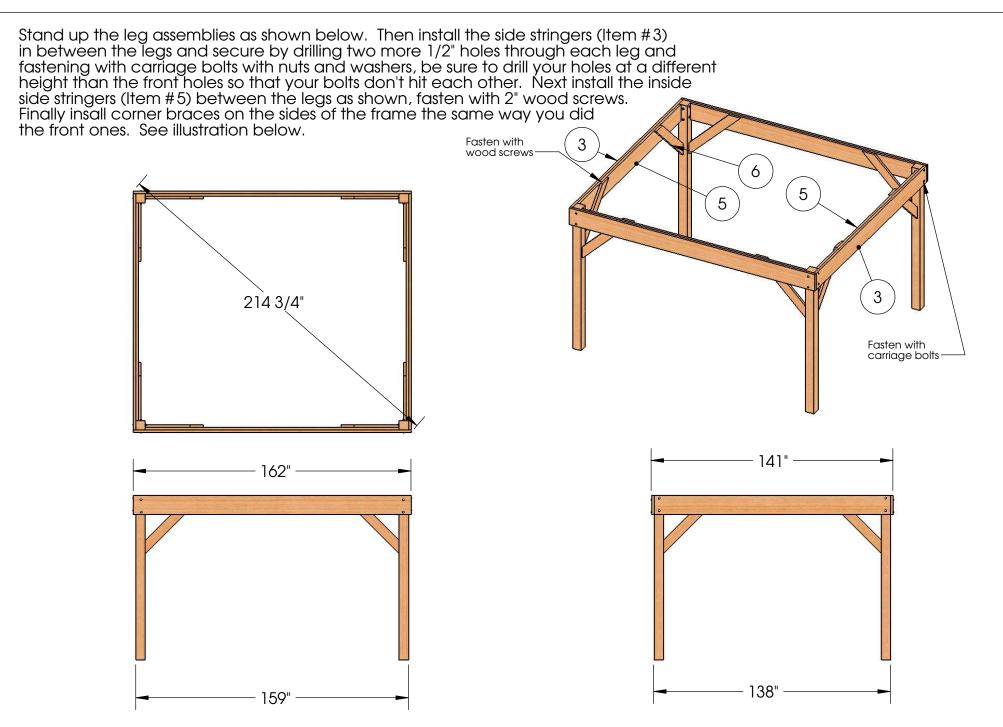


Step 2 - Assemble Gazebo Base

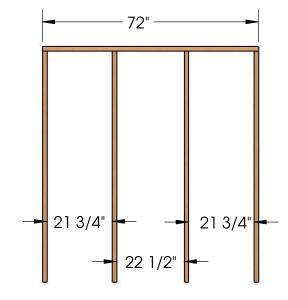
Lay out the Gazebo Base as shown below with the 162" 2 x 12 stringers (Item #2) on the front side and drill two 1/2" holes through the stringer and the leg at each end. Be sure that the legs are square and fastne with carriage bolts with nuts and washers. Then position the 148" 2 x 12 inside stringer (Item #4) in between the legs. Make sure that the boards are flush on the top and fasten together using 2" wood screws. Measure from corner to corner to be sure that the frame is square. Finally install the corner braces (Item #6) in each corner as shown. Secure using 3" wood screws. Build two of these.



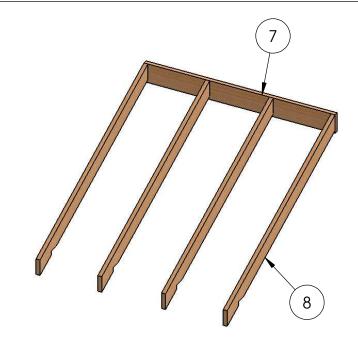
Step 2 cont. - Assemble Gazebo Base

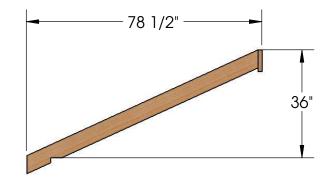


Fasten five of Rafter 001 (Item #8) to one of the roof stringers (Item #7) as shown below using 3" wood screws through the stringer into each rafter. Make two of these.

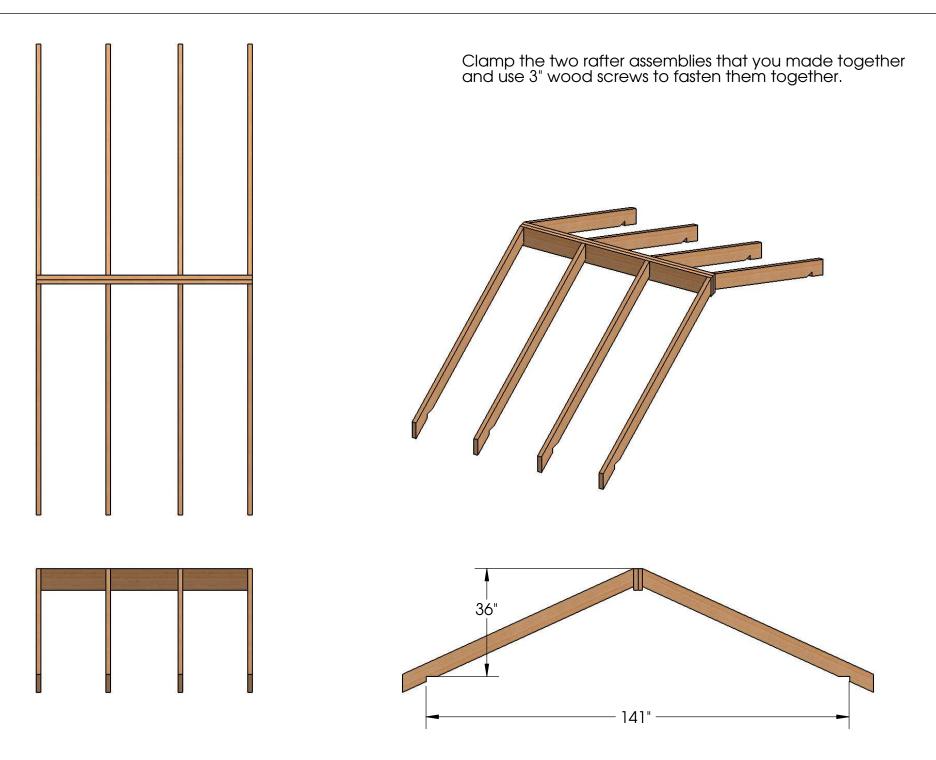








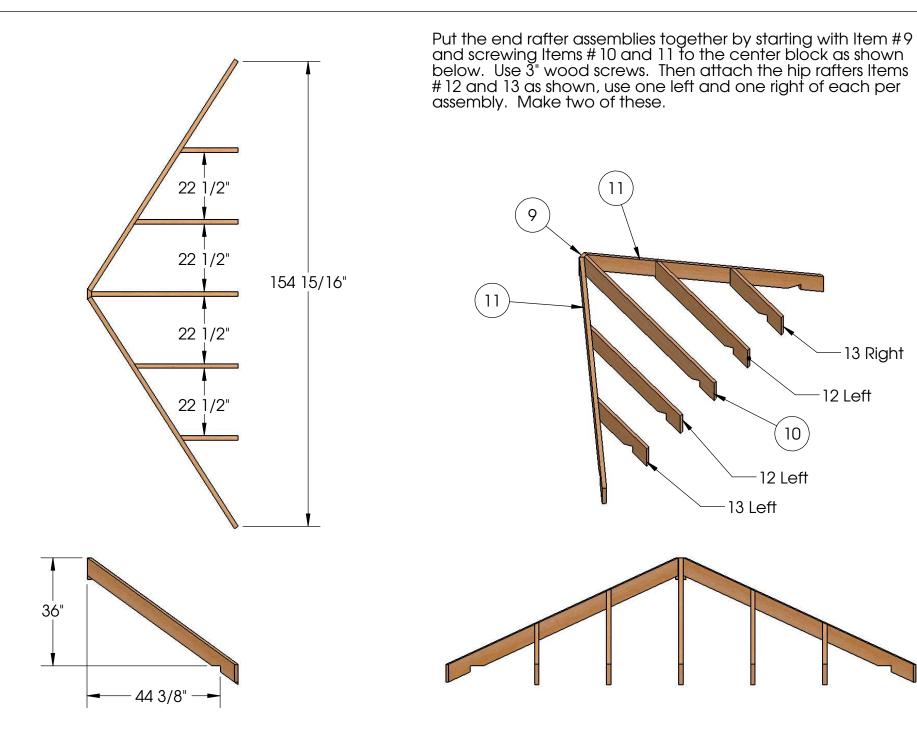
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13 Right

12 Left

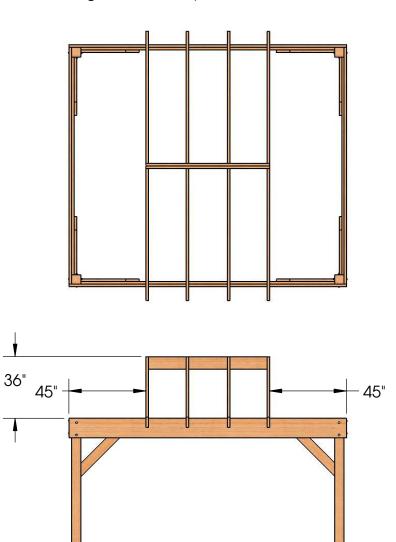
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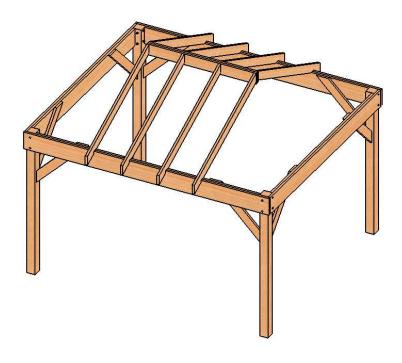


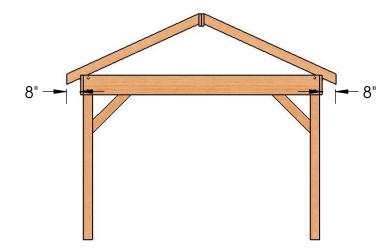
Step 5 - Install Center Rafter Assembly

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Have some helpers and lift the center rafter assembly onto the gazebo frame. Make sure that it is centered on the frame and the rafters are straight and fasten it to the frame by driving 3" wood screws through each rafter at an angle into the top of the frame.

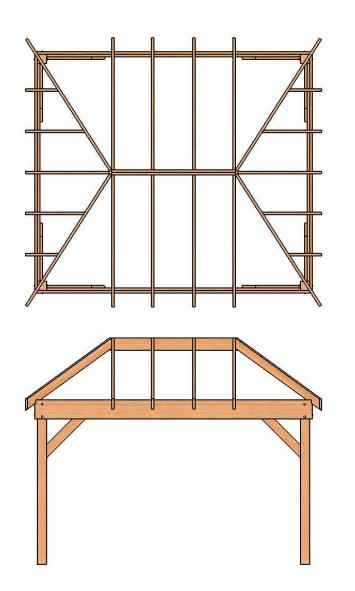


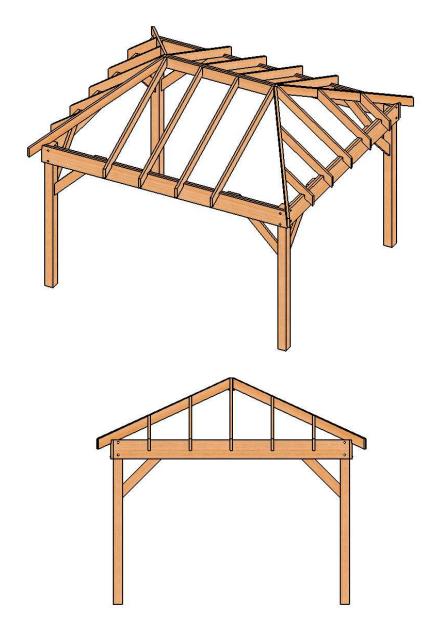




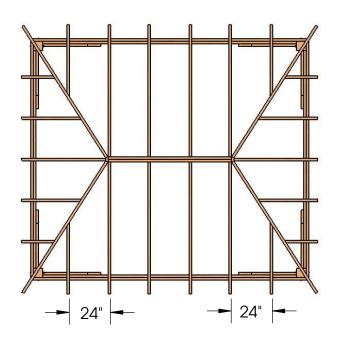
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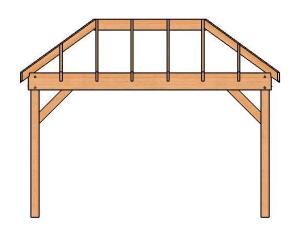
Have your helpers help lift the end rafter assemblies onto the top of the gazebo frame and fasten the same way as the center rafter assembly. Screw the end rafters to the center rafters at the top.

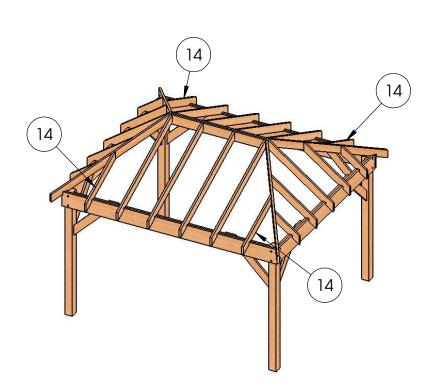


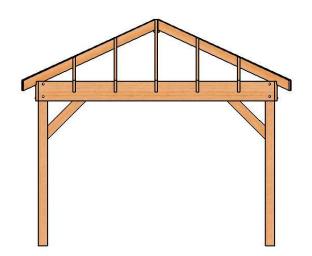


Install the last four hip rafters (Item # 14) on the front and rear of the gazebo frame as shown below. Fasten to the frame and end rafter assembly using 3" wood screws.

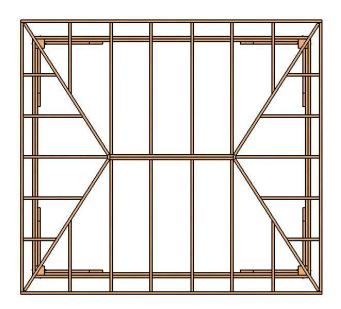


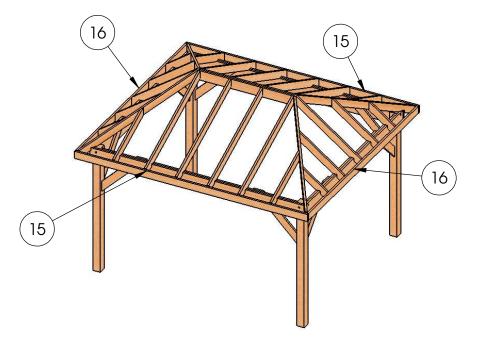


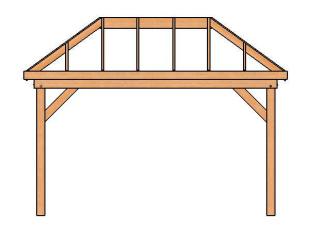


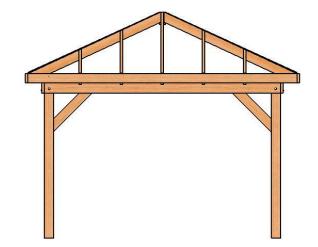


Install the roof trim boards (Items #32 & 33) as shown below by screwing them to the end of each rafter with 3" wood screws.

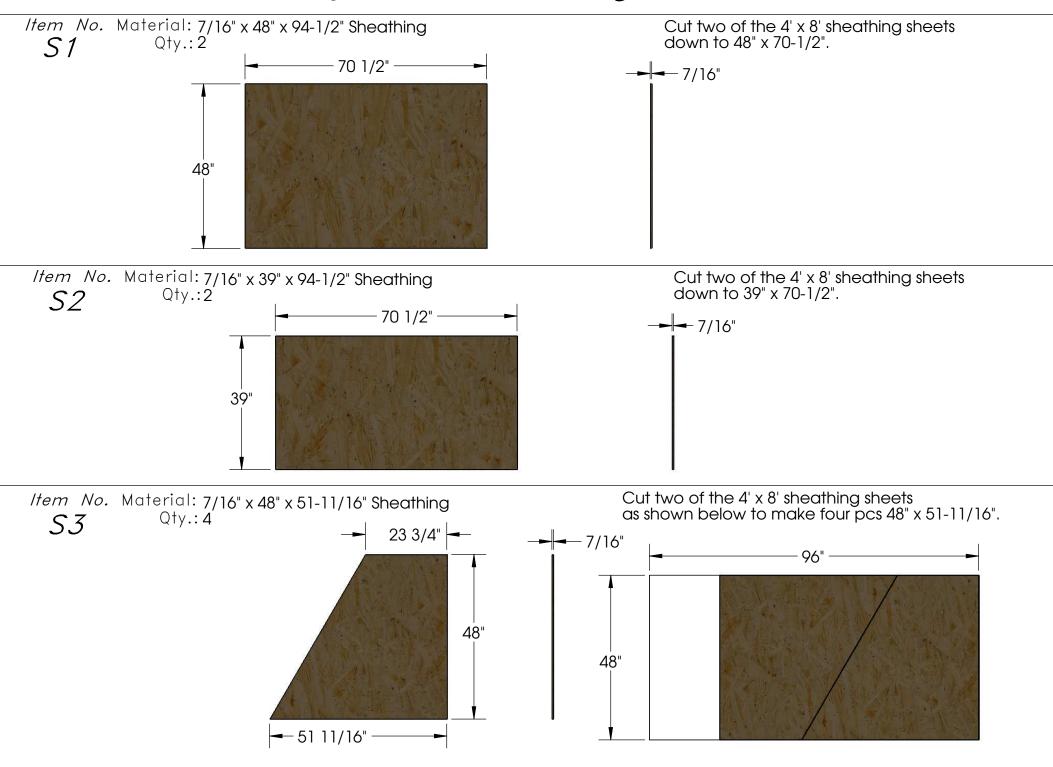






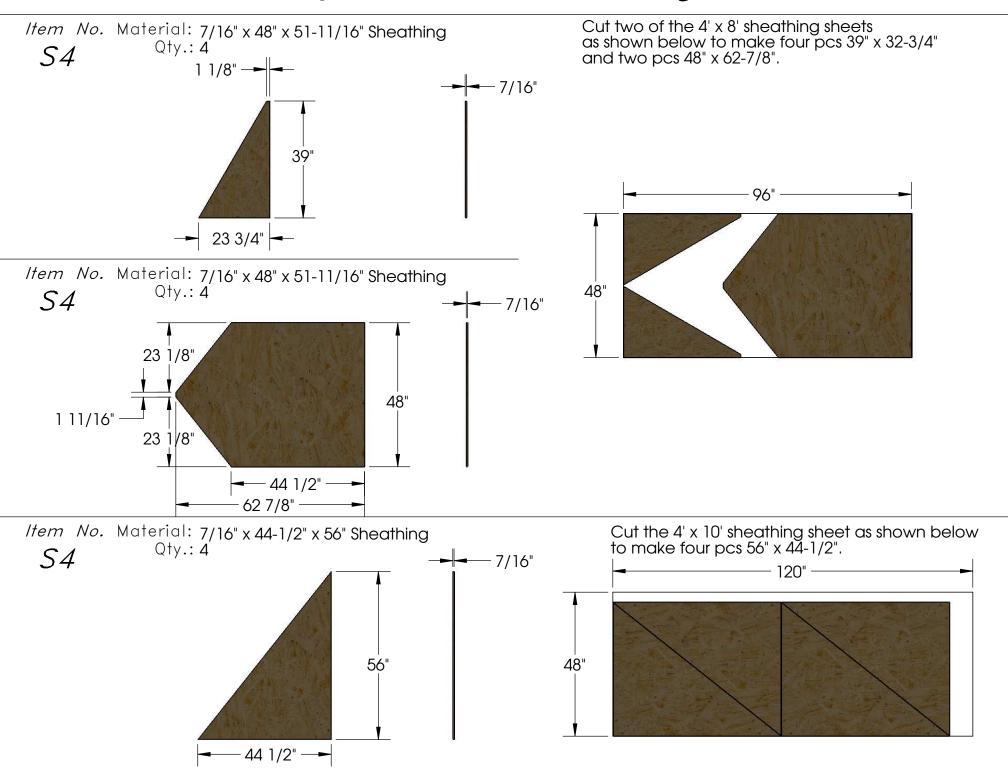


Step 9 - Cut Roof Sheeting



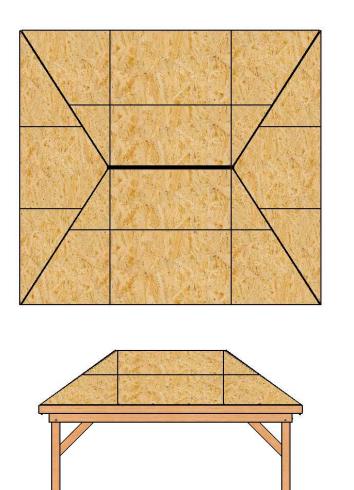
Step 9 cont. - Cut Roof Sheeting

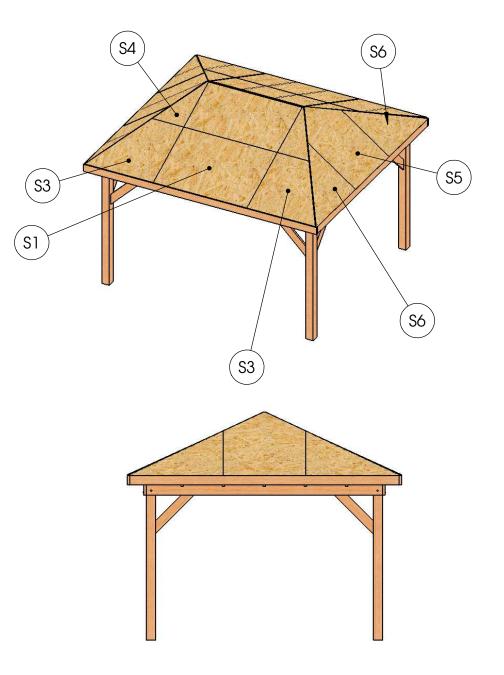
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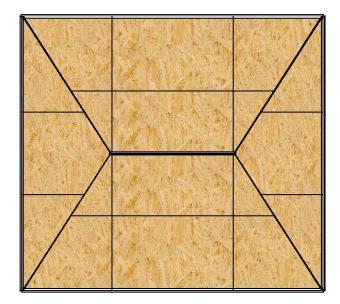
Install the roof sheeting as shown below making sure that each seam is centered on a rafter. Fasten to the rafters with 2" wood screws.

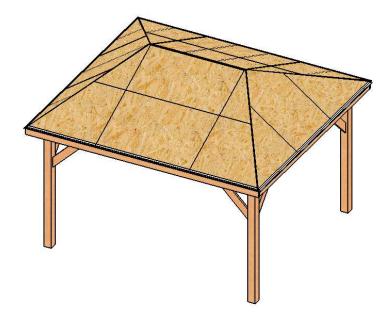
Step 10 - Install Roof Sheeting

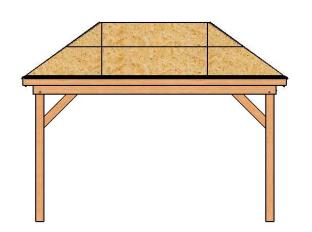


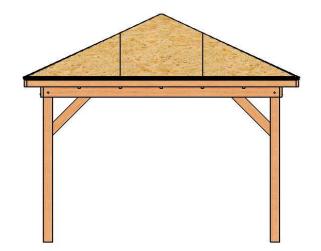


Install drip edge along the lower edge of the roof per manufacturers instructions.

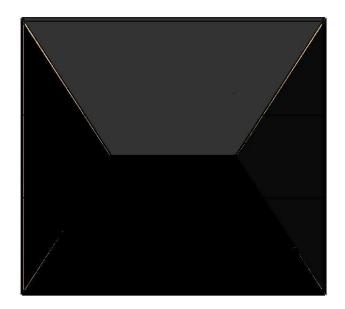


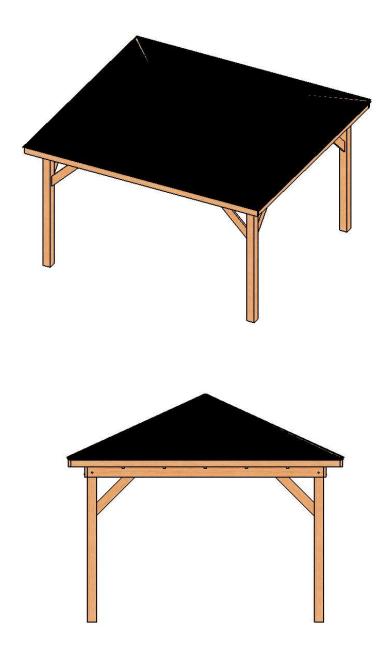




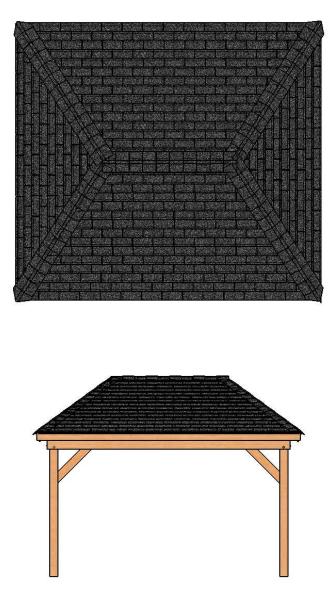


Cover the roof with roofing underlayment and fasten to roof with staples per manufacturers instructions.





Install shingles per manufacturers instructions.







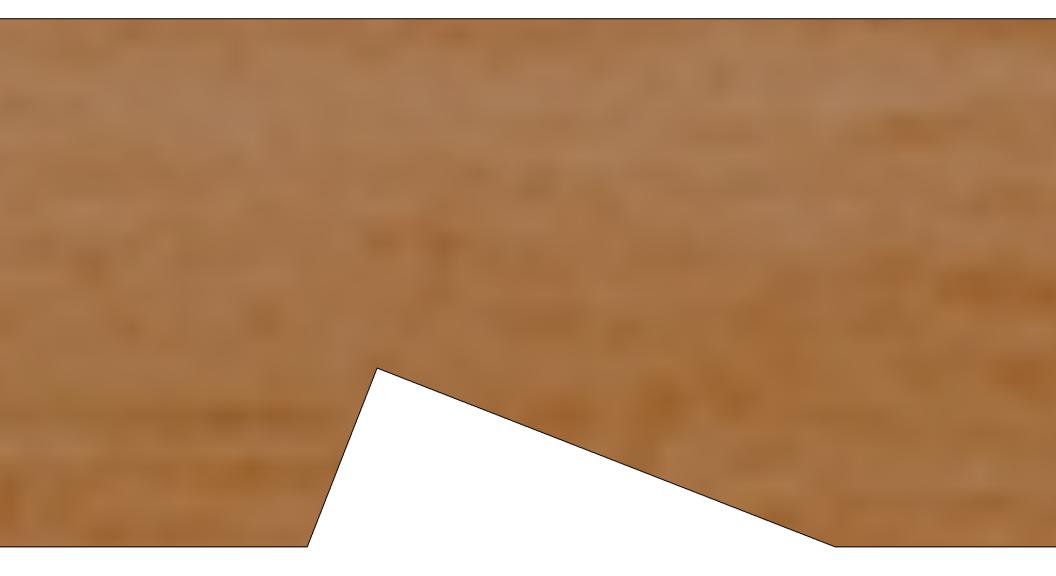
Item #25 & #31 Actual Size Use for bird's mouth

Attachment 002



Item #27, #29 & #30 Actual Size Use for bird's mouth

Attachment 003



Item # 28 Actual Size Use for bird's mouth

Attachment 004



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