



12'x20' Single-Car Modern Carport Plan

Free vs. Premium Plan: What's the Difference?

We offer both free and premium versions of our detailed shed plans, designed to fit your needs and budget. Check out the table below to see the key differences and choose the plan that's right for you:

Features	Free Plan	Premium Plan
Steps Count	10	20
Illustrations per Step	Limited	Every Step
Print Ready Format	X	✓
Step-by-Step Instructions	Basic	Comprehensive
Full Materials & Cutting List	X	✓
Additional Illustrations	X	✓
Additional Blueprints	X	✓
Tools List	X	✓
Fastening Elements List	X	✓
Technical Support	X	✓

Try Premium Risk-Free

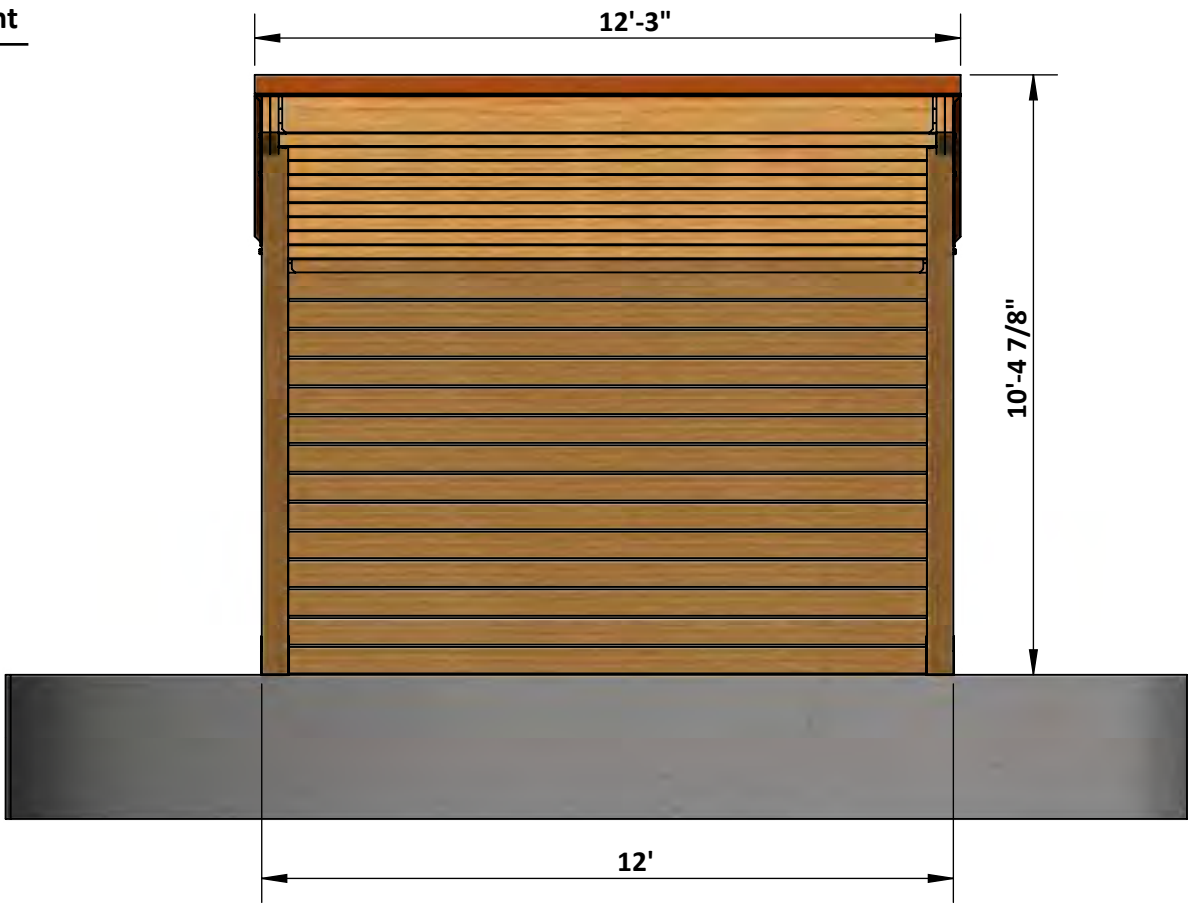
30-day refund policy with no questions asked.

12' x 20' Single-Car Modern Carport Shopping List

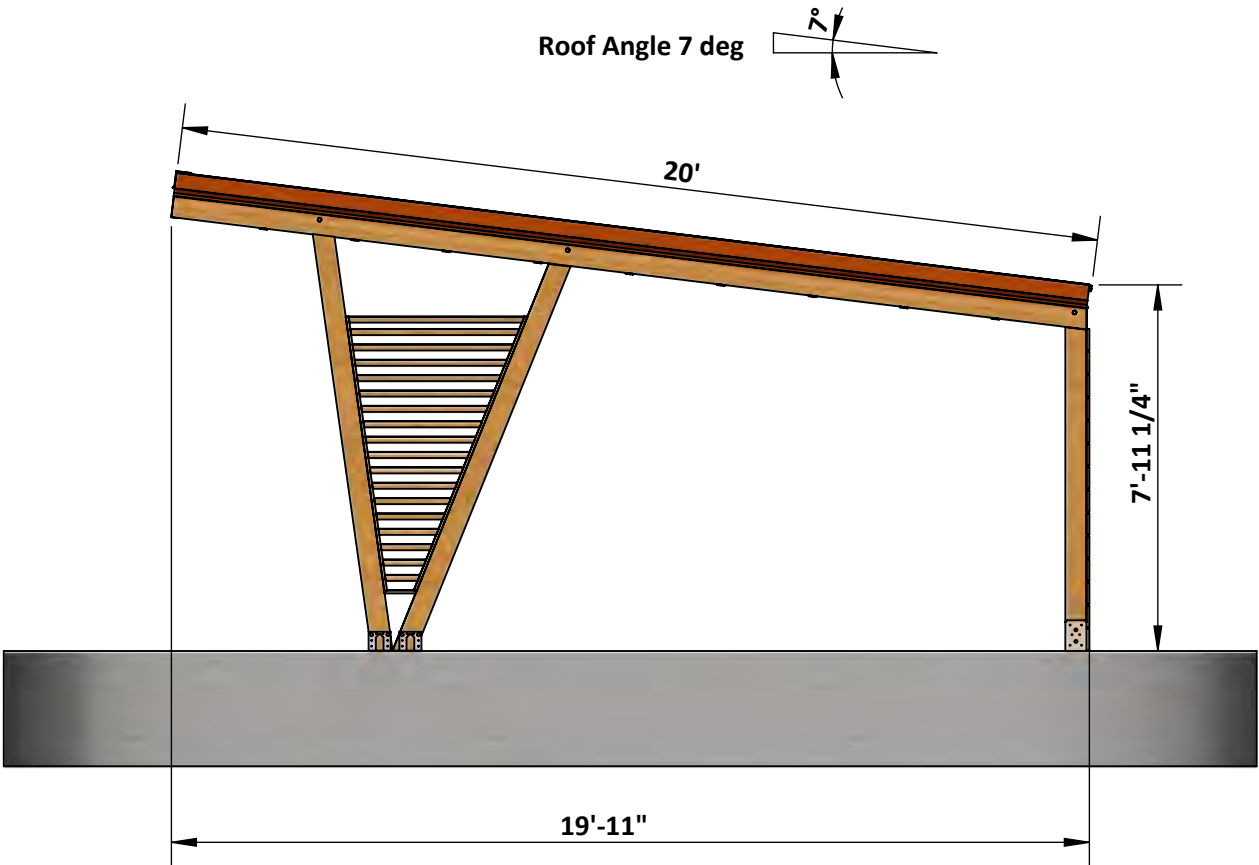
Lumber (6 x 6)	Pcs	4	10'
Lumber (6 x 6)	Pcs	2	8'
LVL (2 x10)	Pcs	4	20'
LVL (2 x10)	Pcs	11	12'
Lumber (1 x 6)	Pcs	14	12'
Lumber (1 x 2)	Pcs	10	8'
OSB 1/2"	Pcs	8	8' x 4'

Size & Dimensions

Front

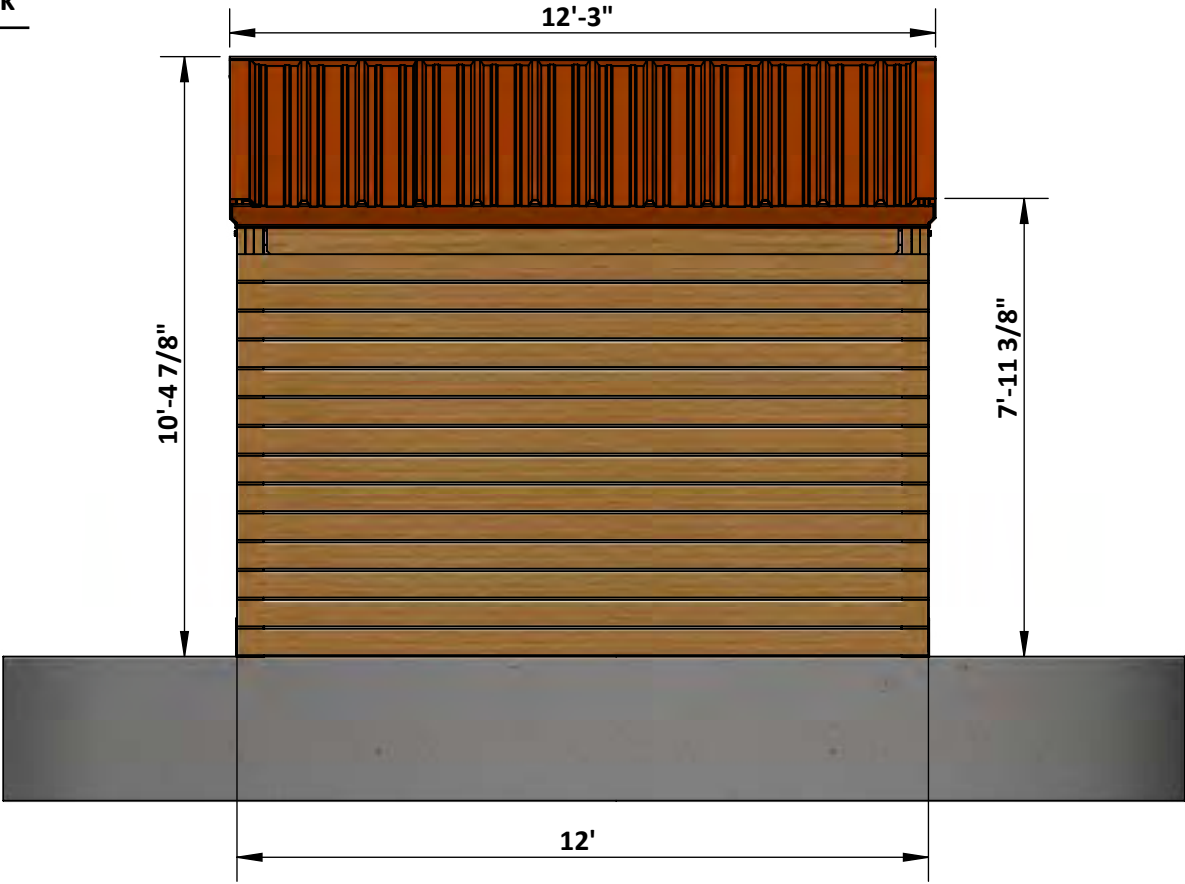


Right

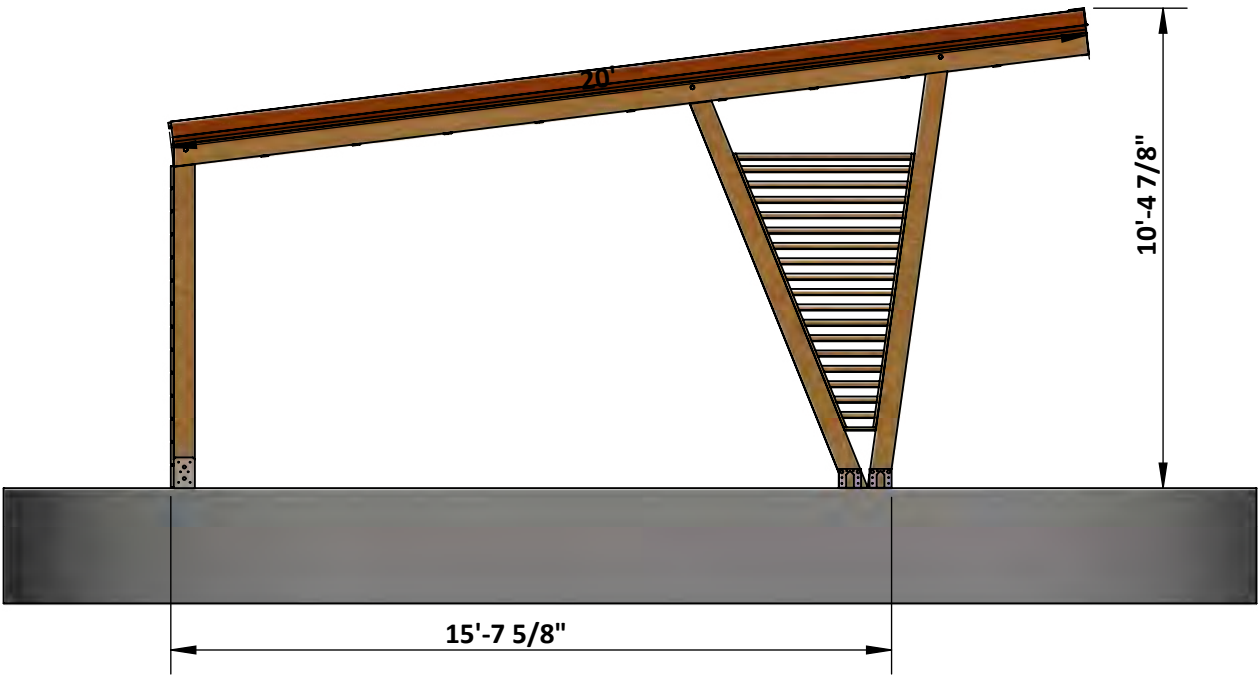


Size & Dimensions

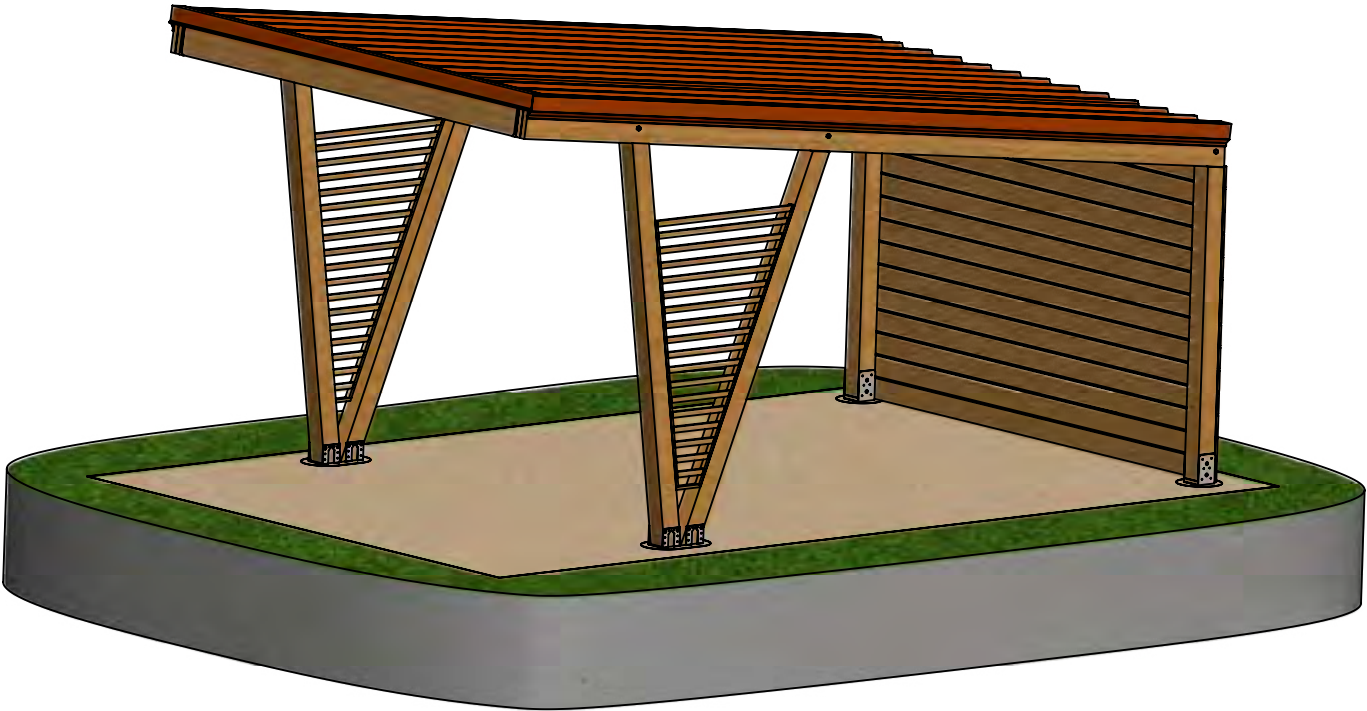
Back



Left



Model View



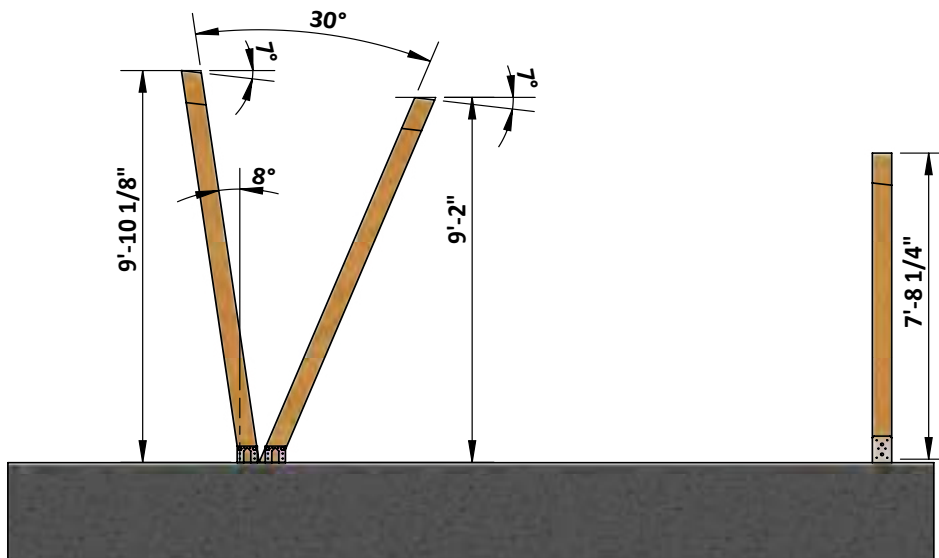
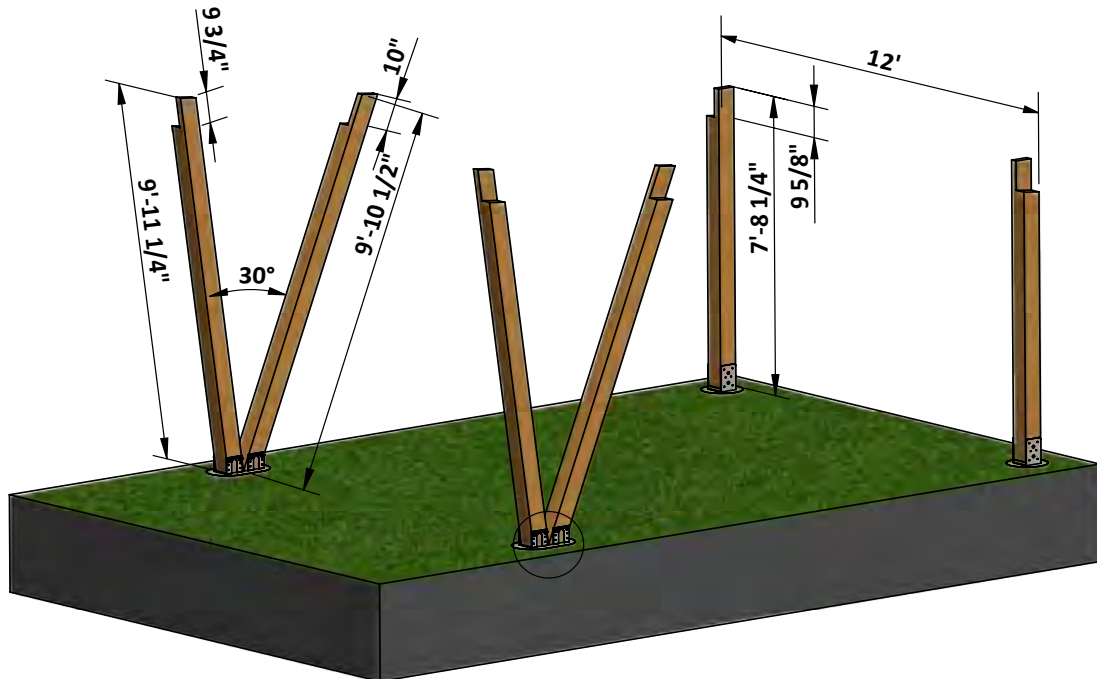
STEP 1

Front and Rear Post Installation

1.1 Install the front and rear posts using 6 x 6 lumber.

1.2 Secure the post with metal post base with 3" wood screws and Hexabolt

1-8x8x2.5,hexanut1-8,washer.



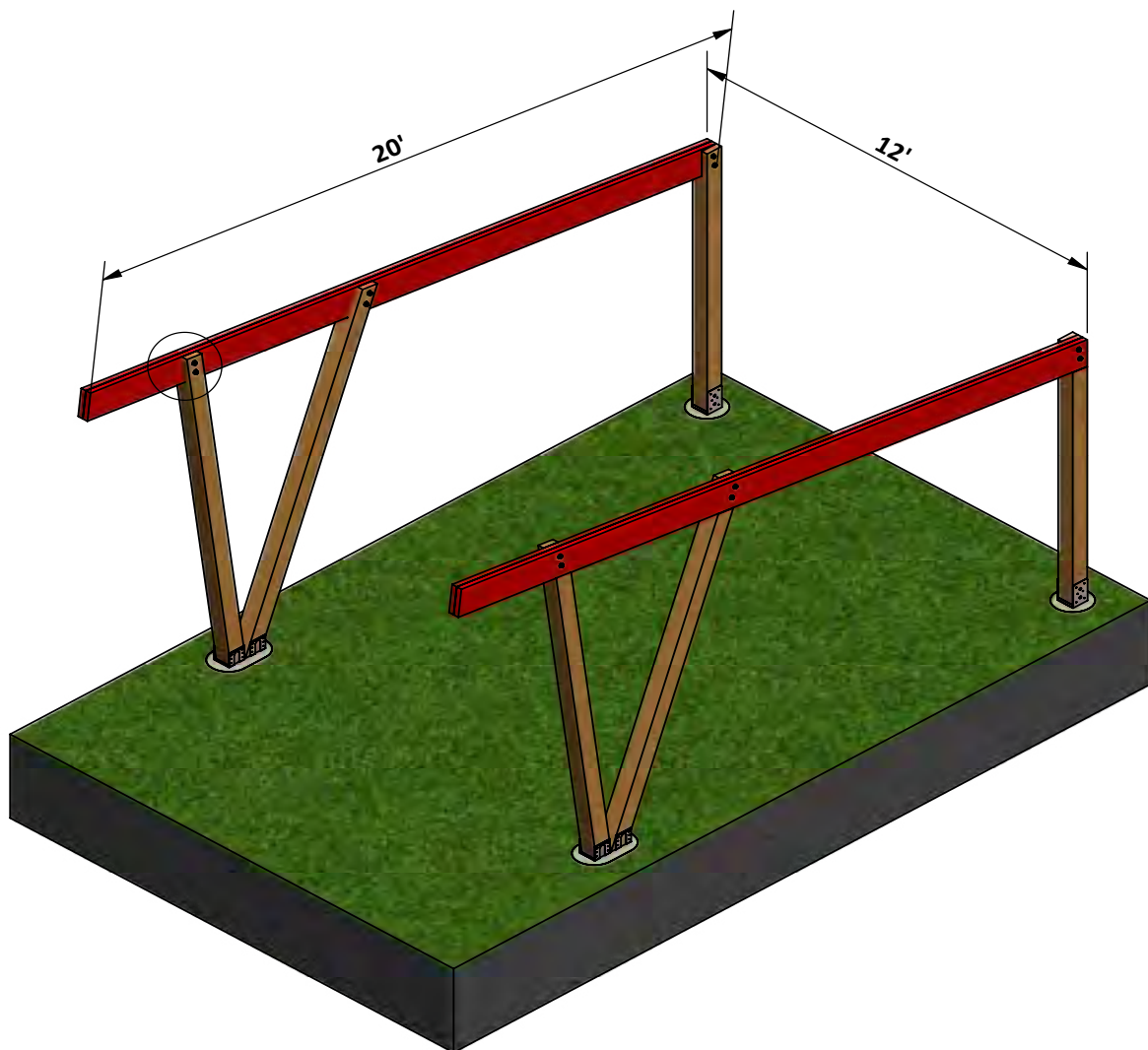
STEP 2

Headers assembly

2.1 Assemble the headers using 2 x 10 LVL secure with 3" screws

2.2 Secure both Headers with posts using Hexabolt

5/8-18x6.5x1.75,Hexanut5/8-18,washer5/8

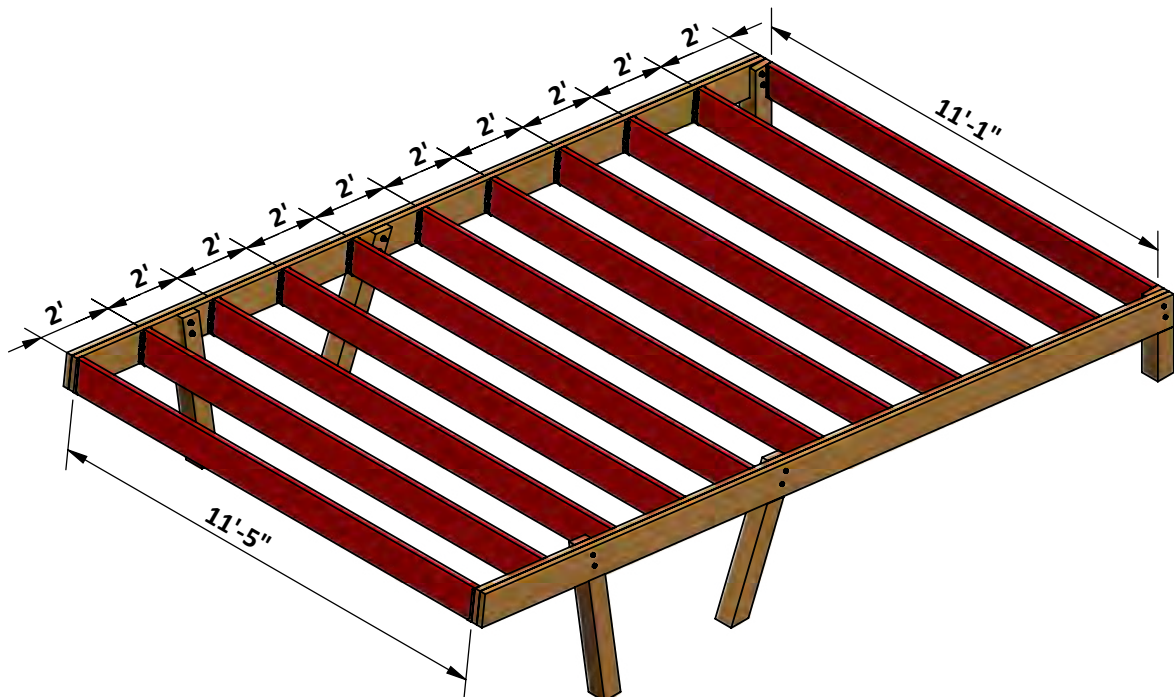


STEP 3

Roof Assembly

3.1 Assemble the rafters using 2 x 10 LVL.

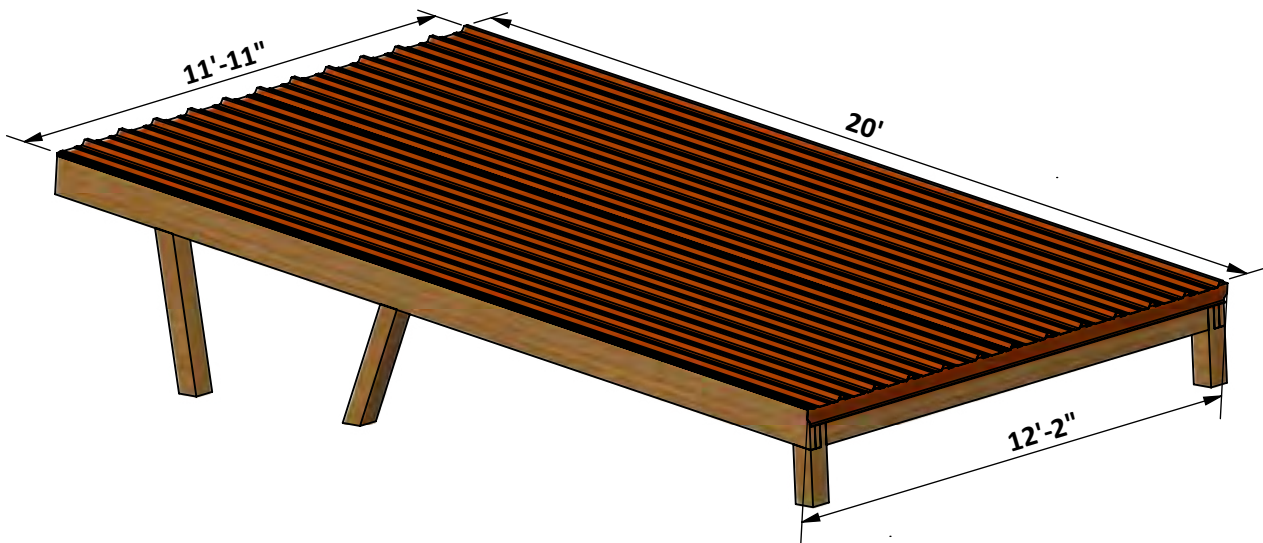
3.2 Secure all the rafters except two end rafters with joist hanger and the two end rafters with Face mount hanger with 1" wood screw.



STEP 4

Metal Roof Assembly

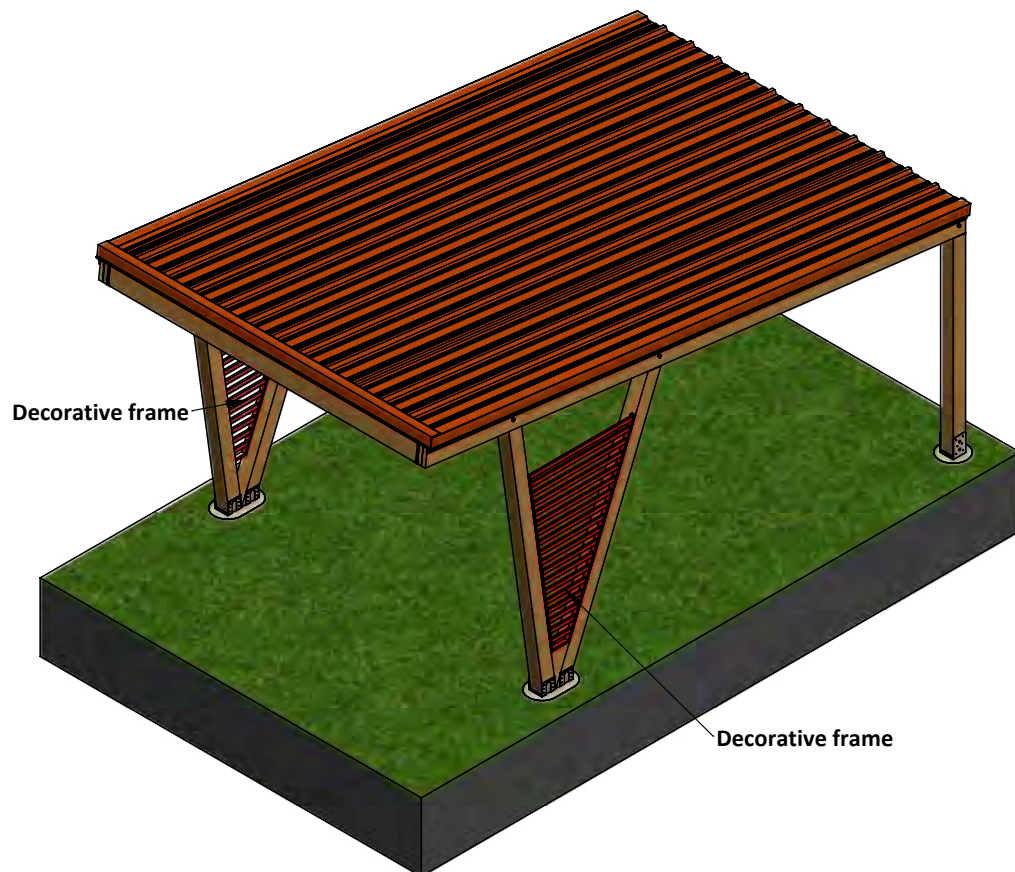
- 4.1 Assemble the PBR panels in 20' x 11'-11" roof area.
- 4.2 Assemble the eave flashing EF-3 according to node 1 below.
- 4.3 Assemble the gable rake GR-6 according to node 2 below.
- 4.4 Assemble the High side eave HS-2 according to node 3 below.
- 4.5 Secure the PBR panels, eave flashing, gable rake and high side eave with #9x1-1/2 screw



STEP 5

Decorative frame assembly

5.1 Assemble the decorative frame using 1 x 2 lumber secure with 1" screws according to the illustration below.

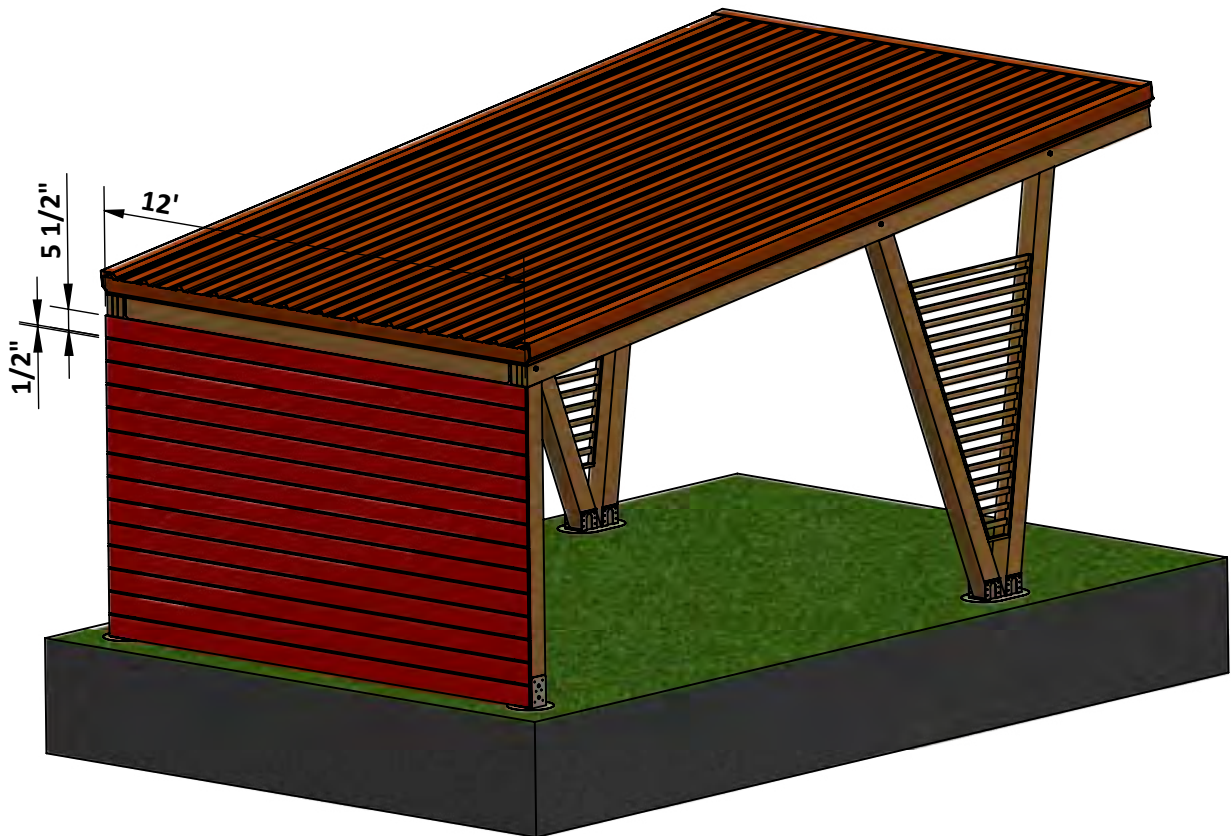


STEP 6

Rear wall sheathing

6.1 Assemble rear wall sheathing using 1 x 6 lumber and maintain 1/2" gap between two lumber.

6.2 Secure the lumbers with the post using 2" wood screws



STEP 7

Final Touches

Now that your carport is all done, you are ready to decorate it any way you want using your favorite paint, stain, or preservative.



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