Craftcamp

Free 8'x12' Storage Shed 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	16	29
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

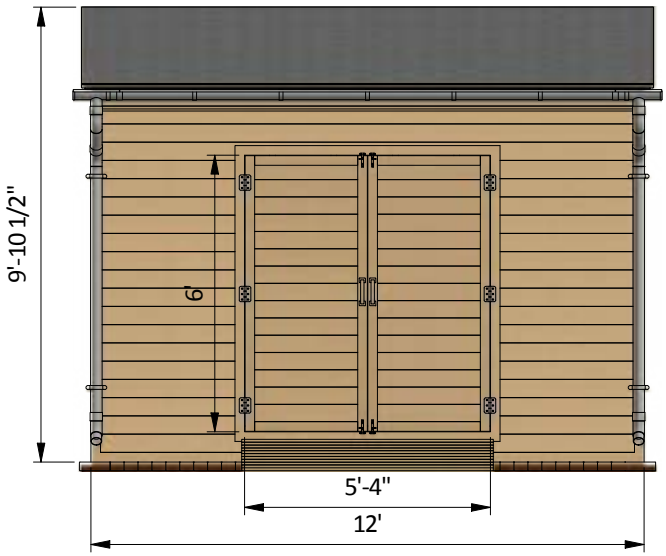
60-day refund policy with no questions asked.

8'x12' storage shed shopping list

Material	Unit	Qty	Size
Pressure-Treated Lumber 1"x2"	pcs	2	8'
Pressure-Treated Lumber 1"x2"	pcs	2	12'
Pressure-Treated Lumber 1"x3"	pcs	8	6'
Pressure-Treated Lumber 1"x3"	pcs	8	8'
Pressure-Treated Lumber 1"x3"	pcs	6	10'
Pressure-Treated Lumber 1"x3"	pcs	4	12'
Pressure-Treated Lumber 1"x4"	pcs	10	6'
Pressure-Treated Lumber 1"x6"	pcs	3	12'
Pressure-Treated Lumber 1"x6"	pcs	1	6'
Pressure-Treated Lumber 1"x8"	pcs	1	12'
Pressure-Treated Lumber 2"x4"	pcs	12	6'
Pressure-Treated Lumber 2"x4"	pcs	30	8'
Pressure-Treated Lumber 2"x4"	pcs	8	10'
Pressure-Treated Lumber 2"x4"	pcs	4	12'
Pressure-Treated Lumber 2"x6"	pcs	10	10'
Pressure-Treated Lumber 2"x8"	pcs	5	6'

Size & Dimensions

front



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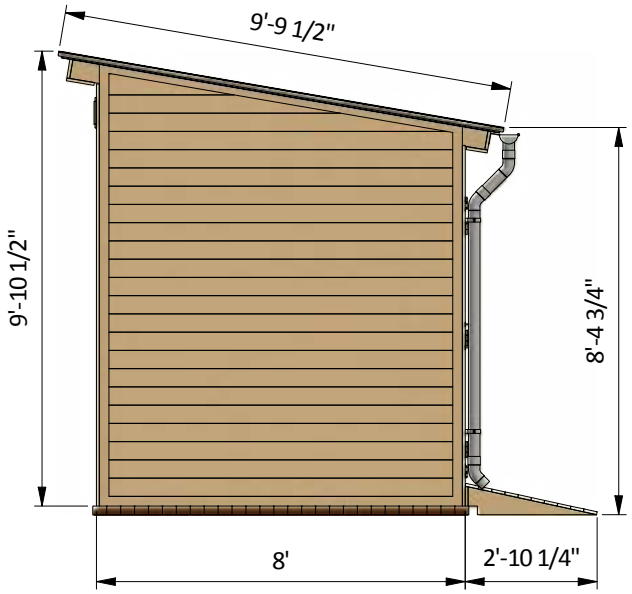
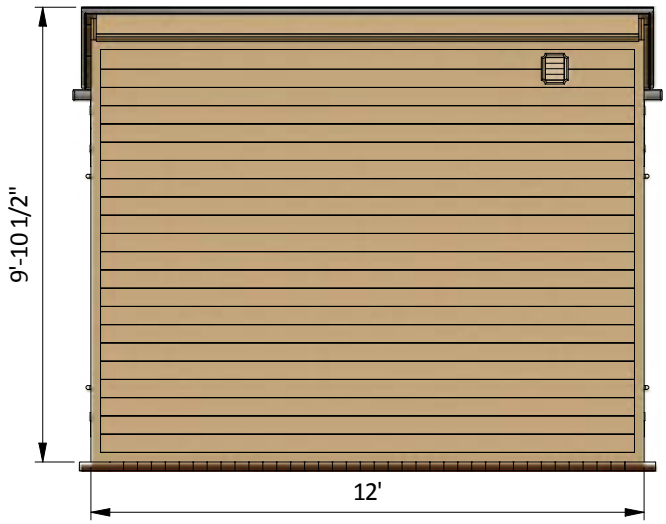


back



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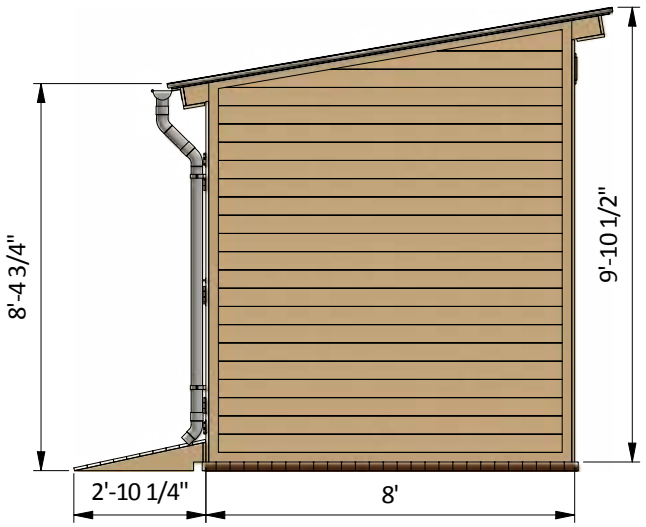
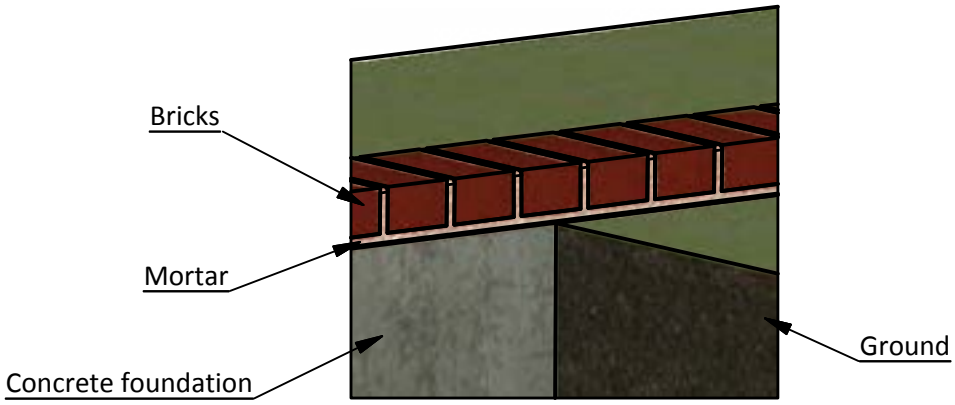


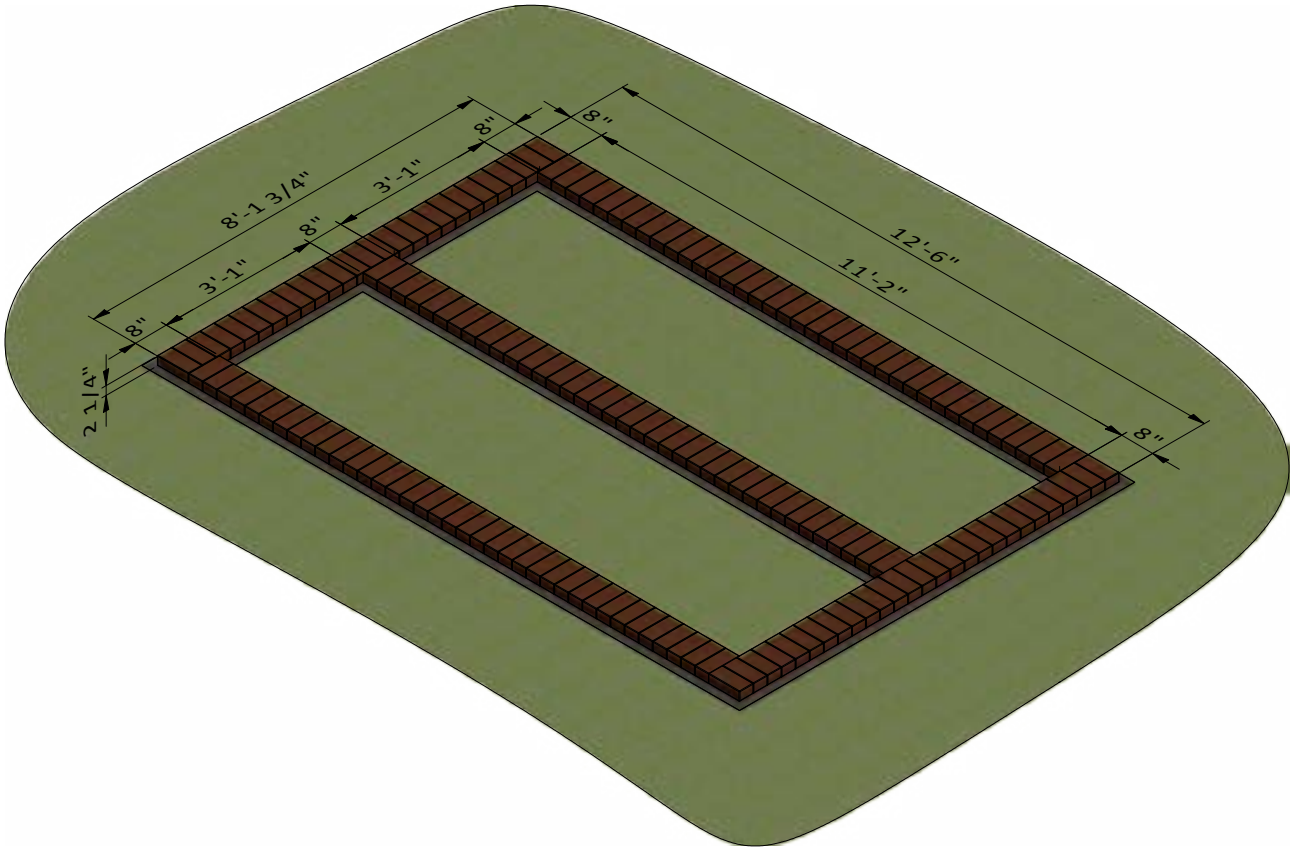
STEP 1

Foundation Preparation

1.1 Fill the trenches to ground level with concrete and let cure, or harden. Since curing times vary between brands, read the packaging for recommended curing times.

1.2 Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 165 bricks for this step.





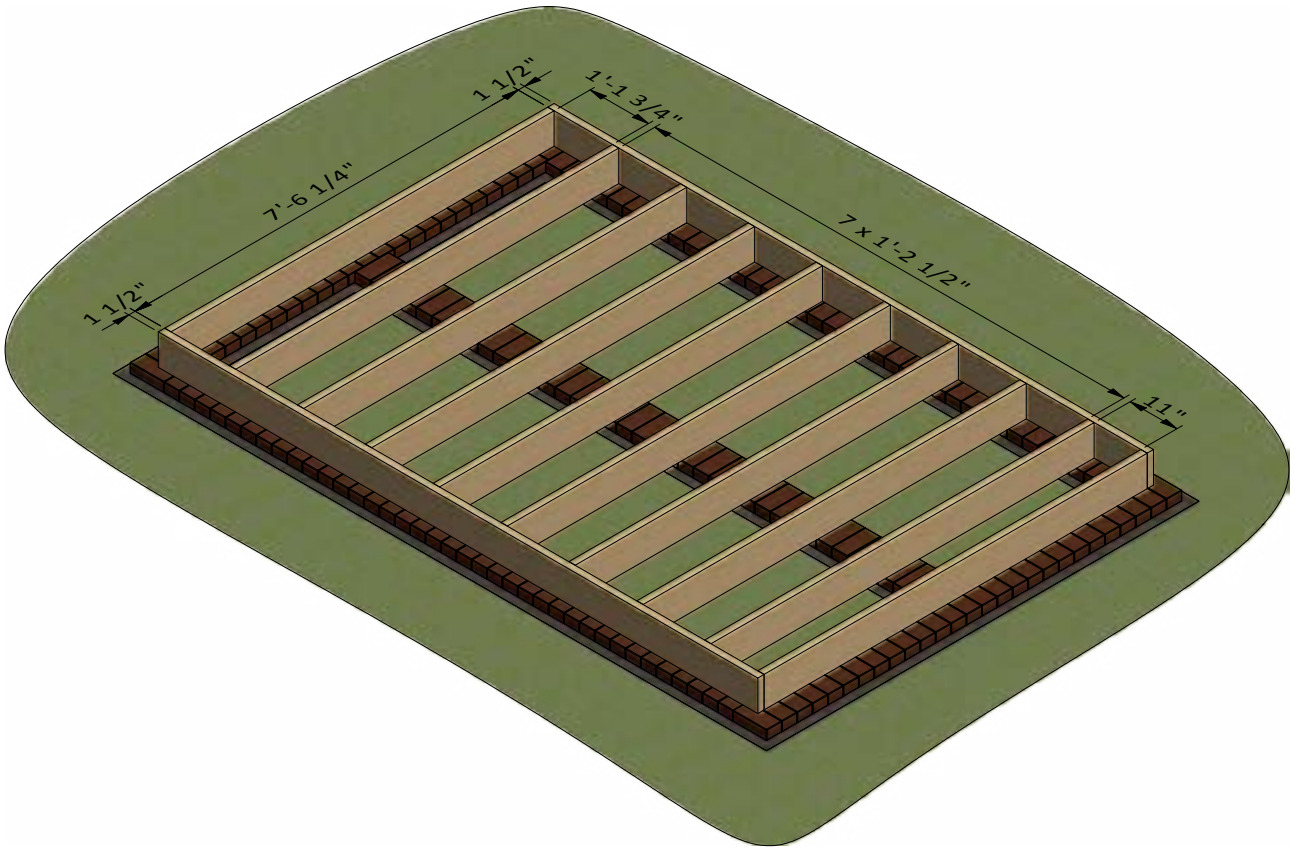
STEP 2

Framing the Floor

2.1 Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber.
You will need eight boards cut to 7'-6 1/4" that will be the joist.

2.2 Secure the beams with 8x3" wood screws.

2.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.

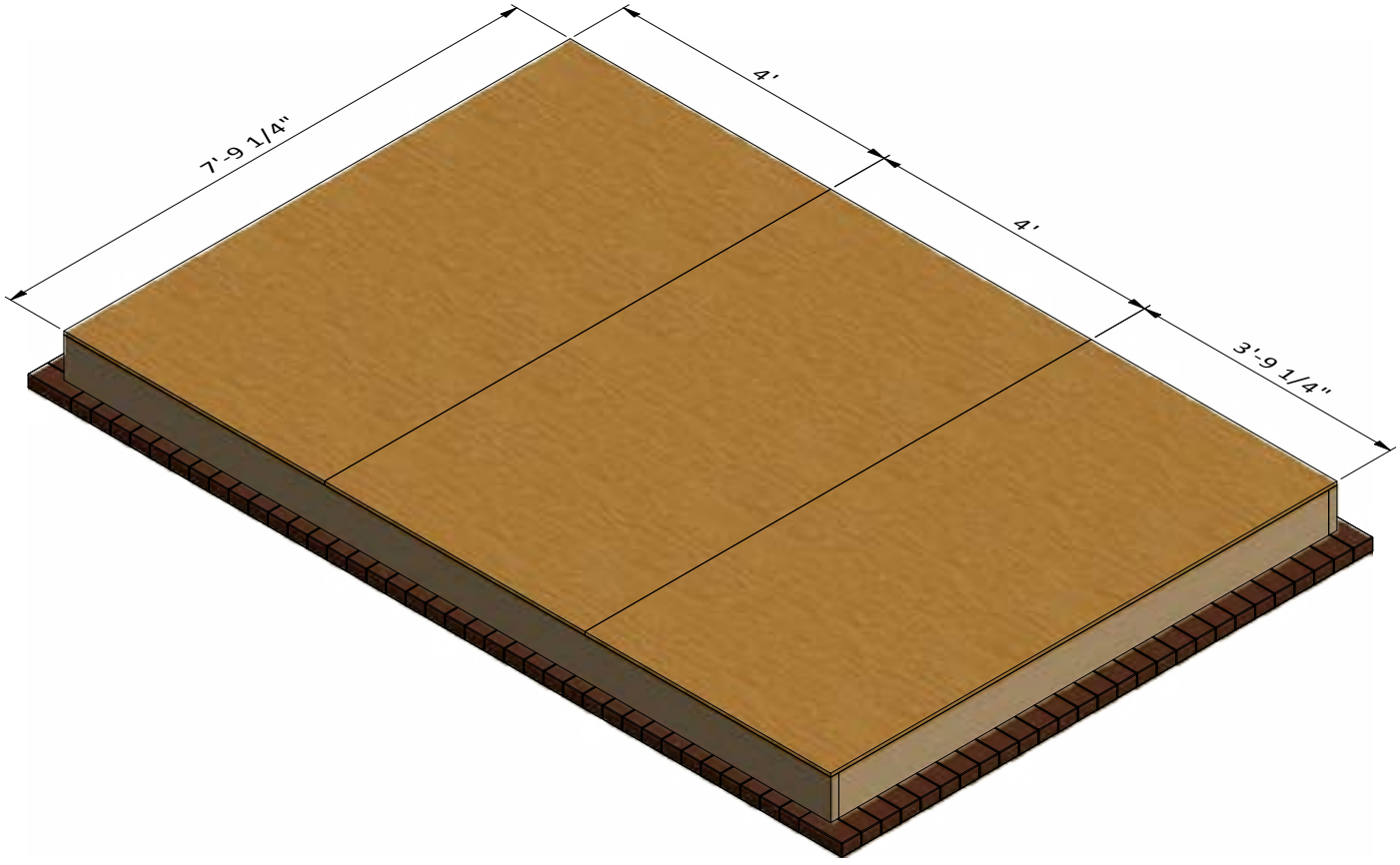


STEP 3

Install the Plywood Floor

3.1 Prepare the 5/8" plywood for the floor sheathing according to the drawing. You will need two 4' x 7'-9 1/4" and one 3'-9 1/4" x 7'-9 1/4" sheets.

3.2 Secure the plywood with 2" wood screws.



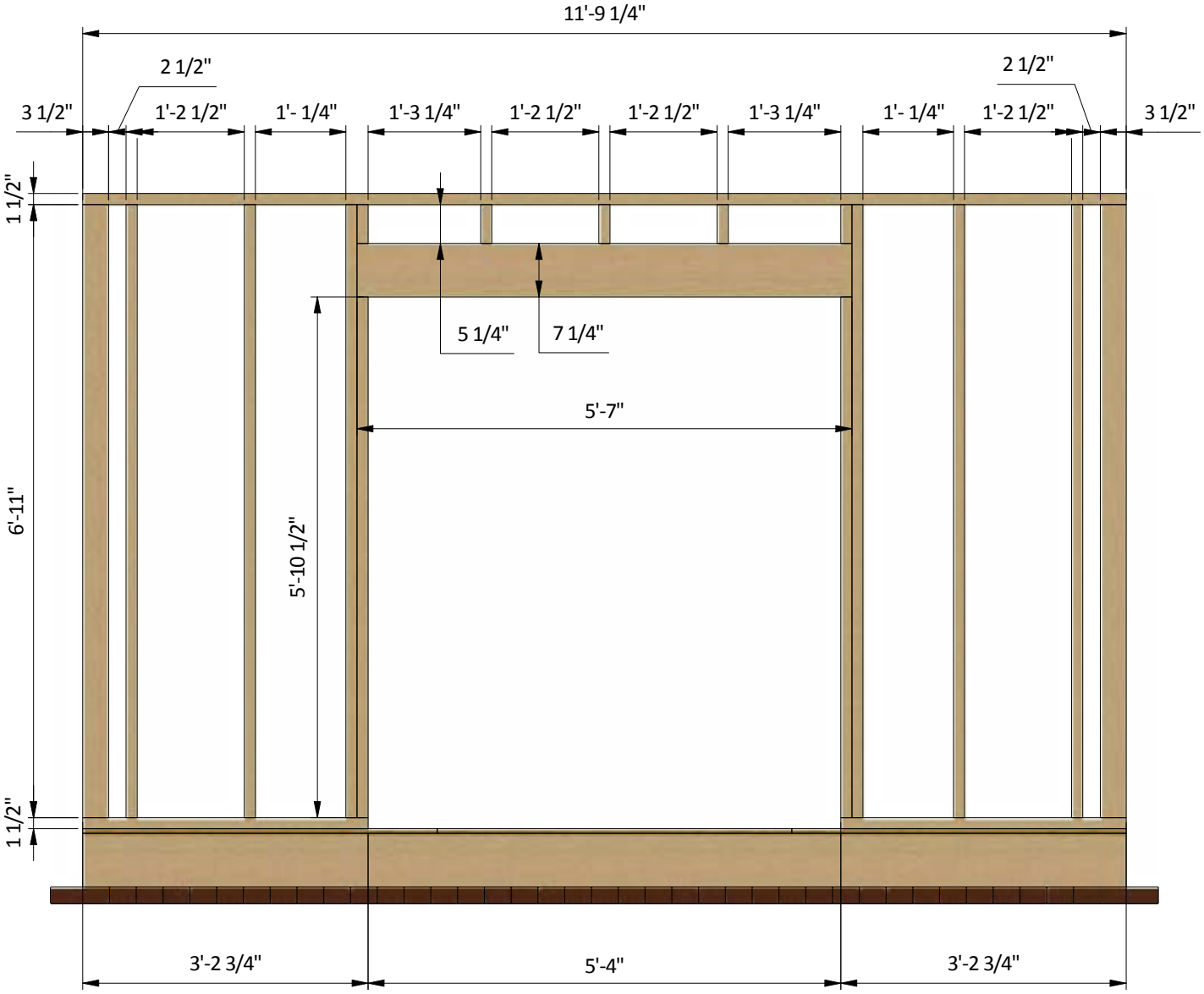
STEP 4

Assemble Front Wall Frame

4.1 Using 1 1/2" x 3 1/2", 1 1/2" x 7 1/4" and 3 1/2" x 3 1/2" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need eight boards cut to 6'-11", two boards cut to 5'-10 1/2" that will be studs, two boards cut to 3'-2 3/4" that will be the bottom plates, one board cut to 11'-9 1/4" that will be the top plate, two boards cut to 5'-7" that will be the door header and five boards cut to 5 1/4" that will be cripple studs.

4.2 Connect the beams with 2x3" and 2x5"wood screws.

4.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



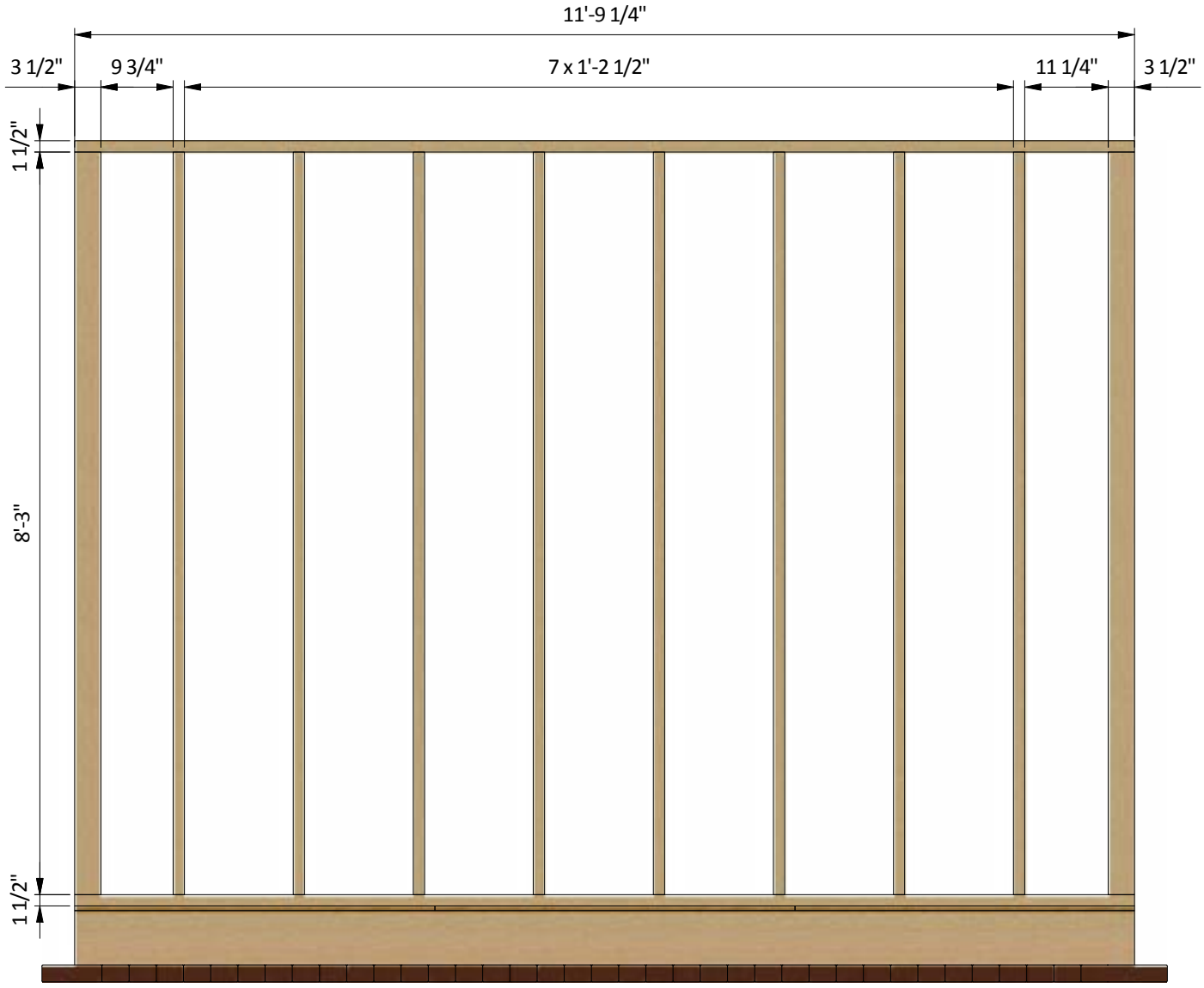
STEP 5

Assemble Back Wall Frame

5.1 Using 1 1/2" x 3 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct back wall frame using the drawing below as a reference. You will need ten boards cut to 8'-3" that will be the studs and two boards cut to 11'-9 1/4" that will be the top and bottom plates.

5.2 Connect the beams with 2x3" wood screws.

5.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



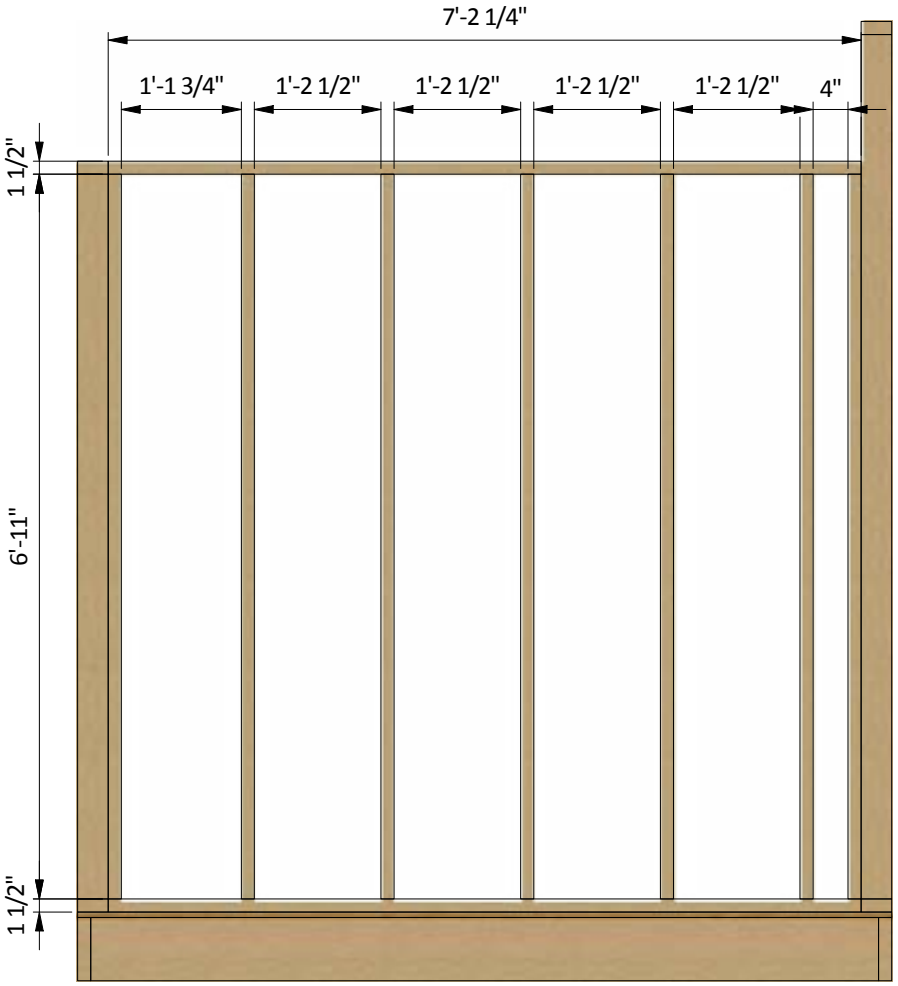
STEP 6

Assemble Side Wall Frames

6.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct side wall frames using the drawing below as a reference. You will need seven boards cut to 6'-11" and two boards cut to 7'-2 1/4" that will be the top and bottom plates.

6.2 Connect the beams with 2x3" wood screws.

6.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.

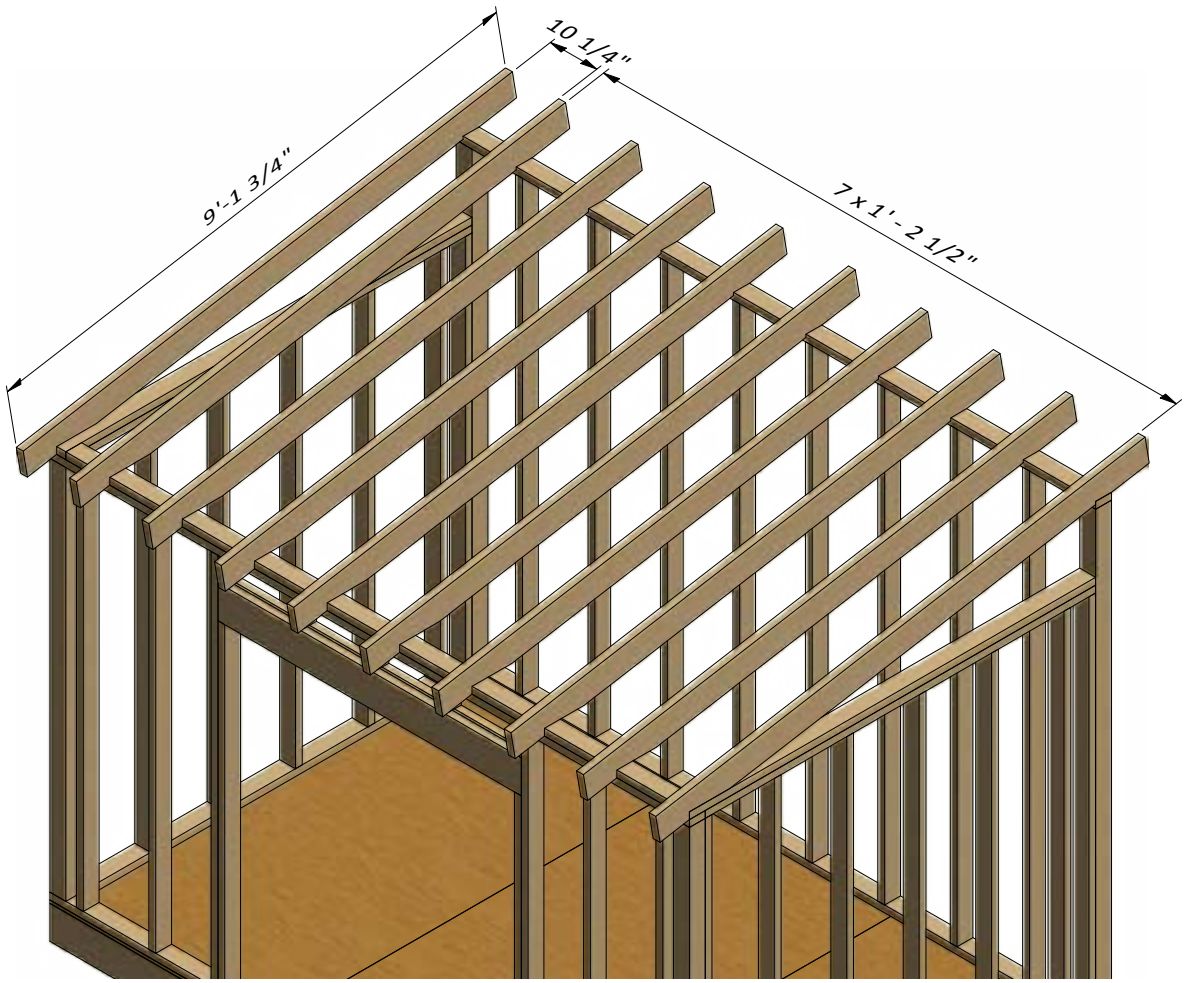


STEP 7

Assemble the Roof Frame

7.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut ten rafters 9'-1 3/4" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

7.2 Connect the beams with a top frame with the help of 5" wood screws.

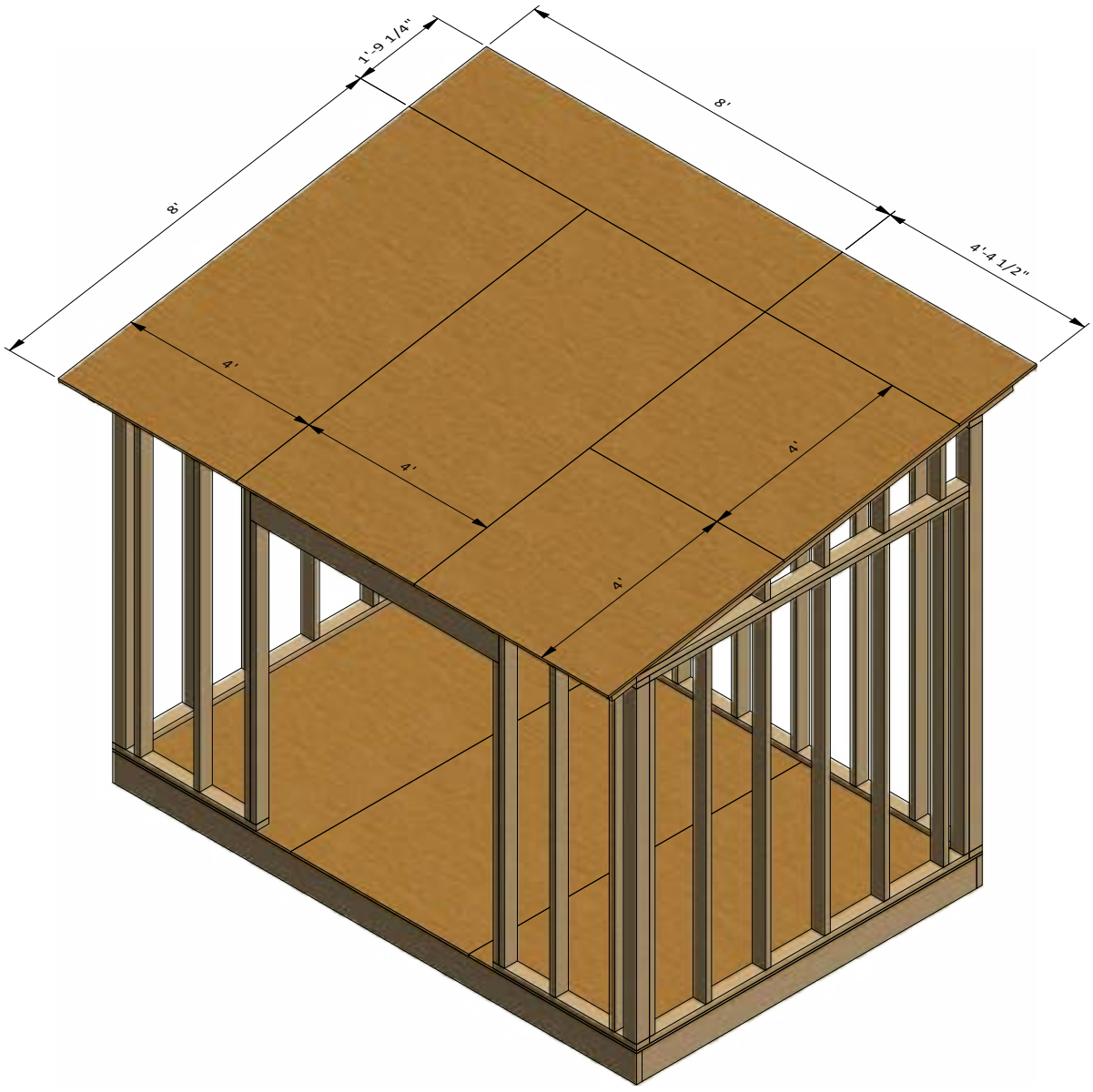


STEP 8

Install Plywood for the Roof

8.1 Cut sheets of 5/8" plywood for the roof sheathing using the drawing below as a guide. You will need two 4' x 8' sheets, two 4' x 4'-4 1/2" sheets, one 1'-9 1/4" x 4'-4 1/2" sheet and one 1'-9 1/4" x 8' sheet.

8.2 Secure the plywood with 2" wood screws.

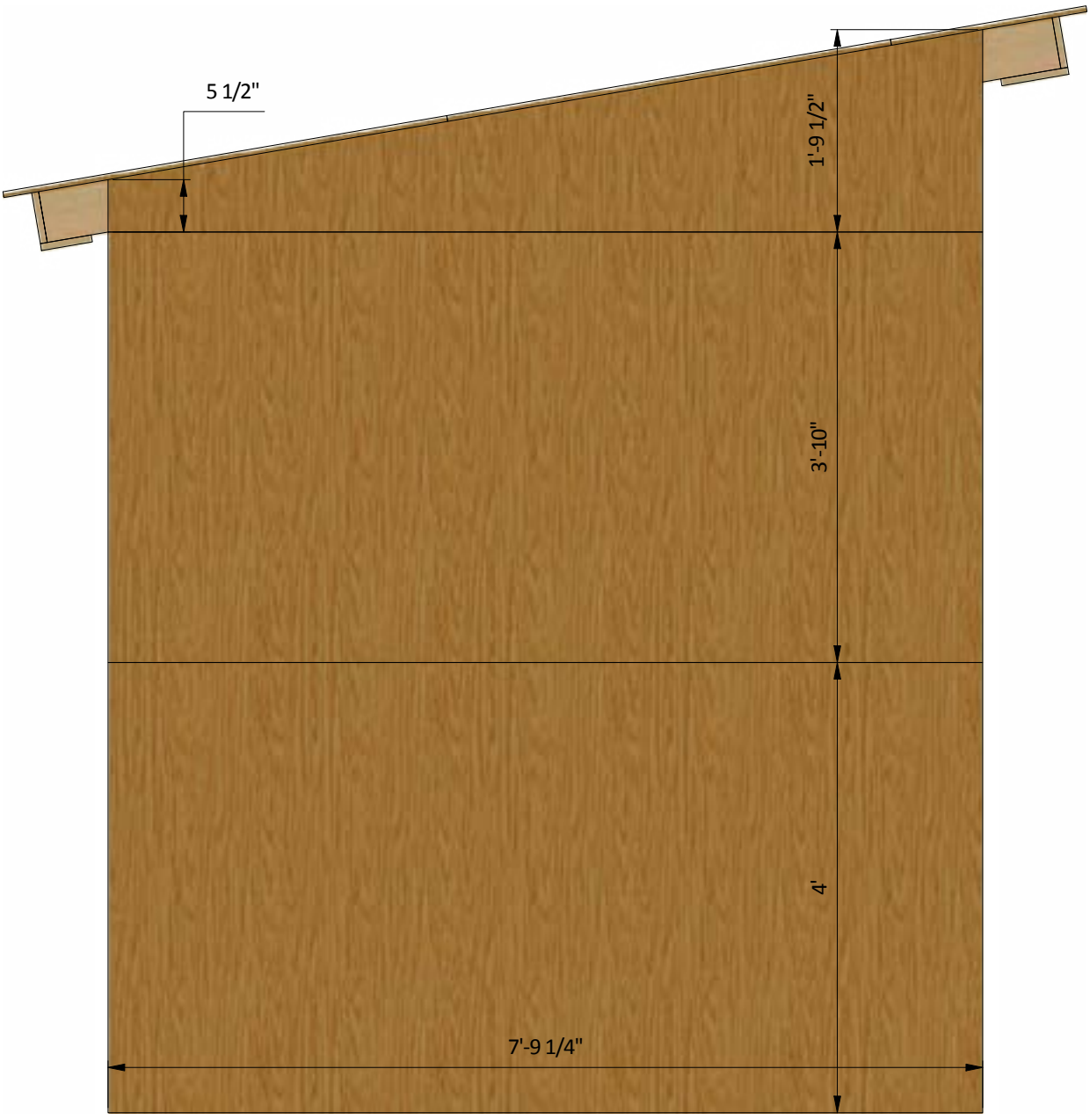


STEP 9

Install Plywood for the Side Walls

9.1 Cut sheets of 5/8" plywood for the left and right walls sheathing using the drawing below as a guide. For each wall you will need one 4' x 7-9 1/4" sheet, one 3'-10" x 7'-9 1/4" and one 1'-9 1/2" x 7'-9 1/4" sheet.

9.2 Secure the plywood with 2" wood screws.

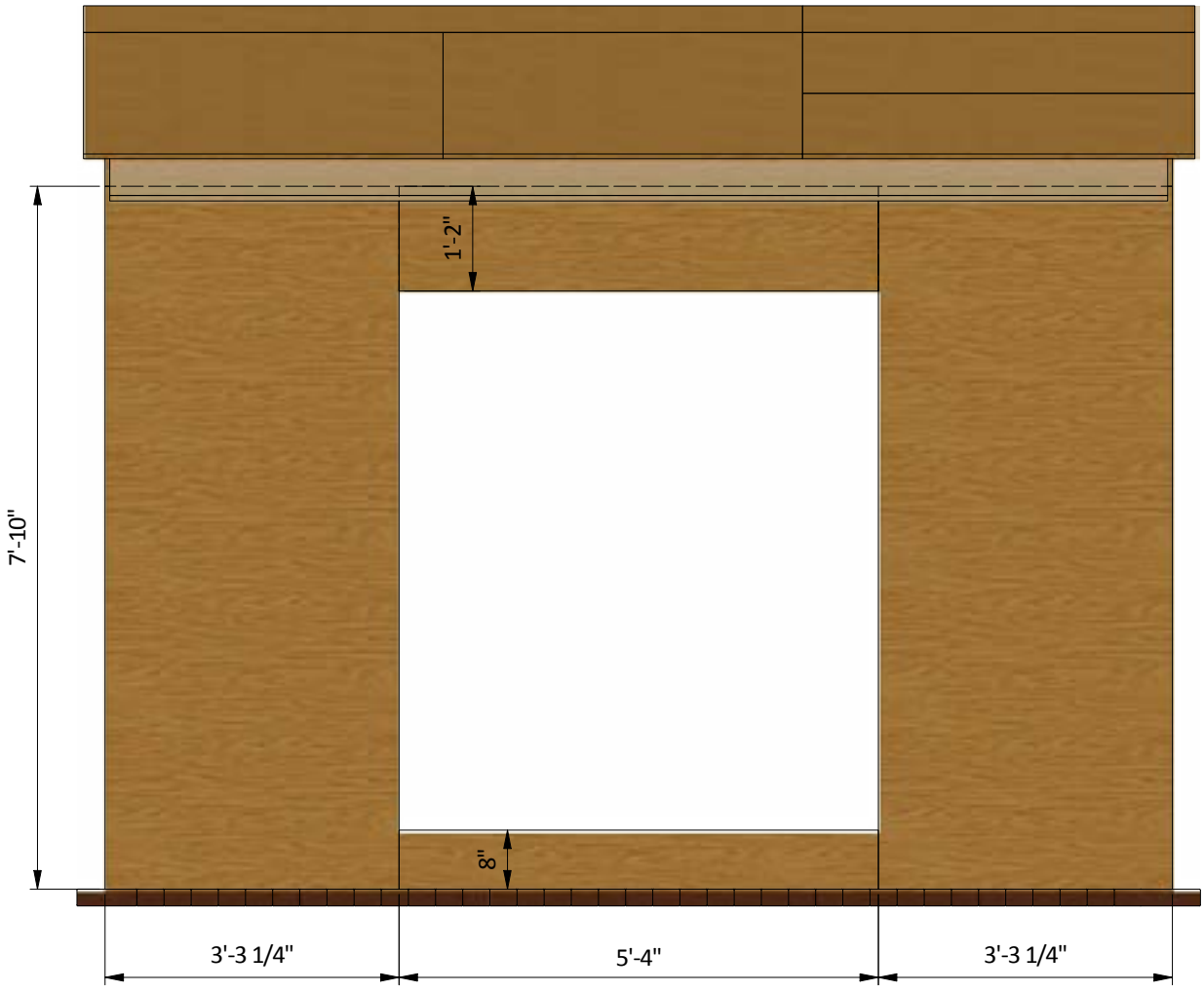


STEP 10

Install Plywood for the Front Wall

10.1 Cut sheets of 5/8" plywood for the front wall sheathing using the drawing below as a guide. You will need two 3'-3 1/4" x 7'-10" sheets, one 8" x 5'-4" sheet and one 1'-2" x 5'-4" sheet.

10.2 Secure the plywood with 2" wood screws.

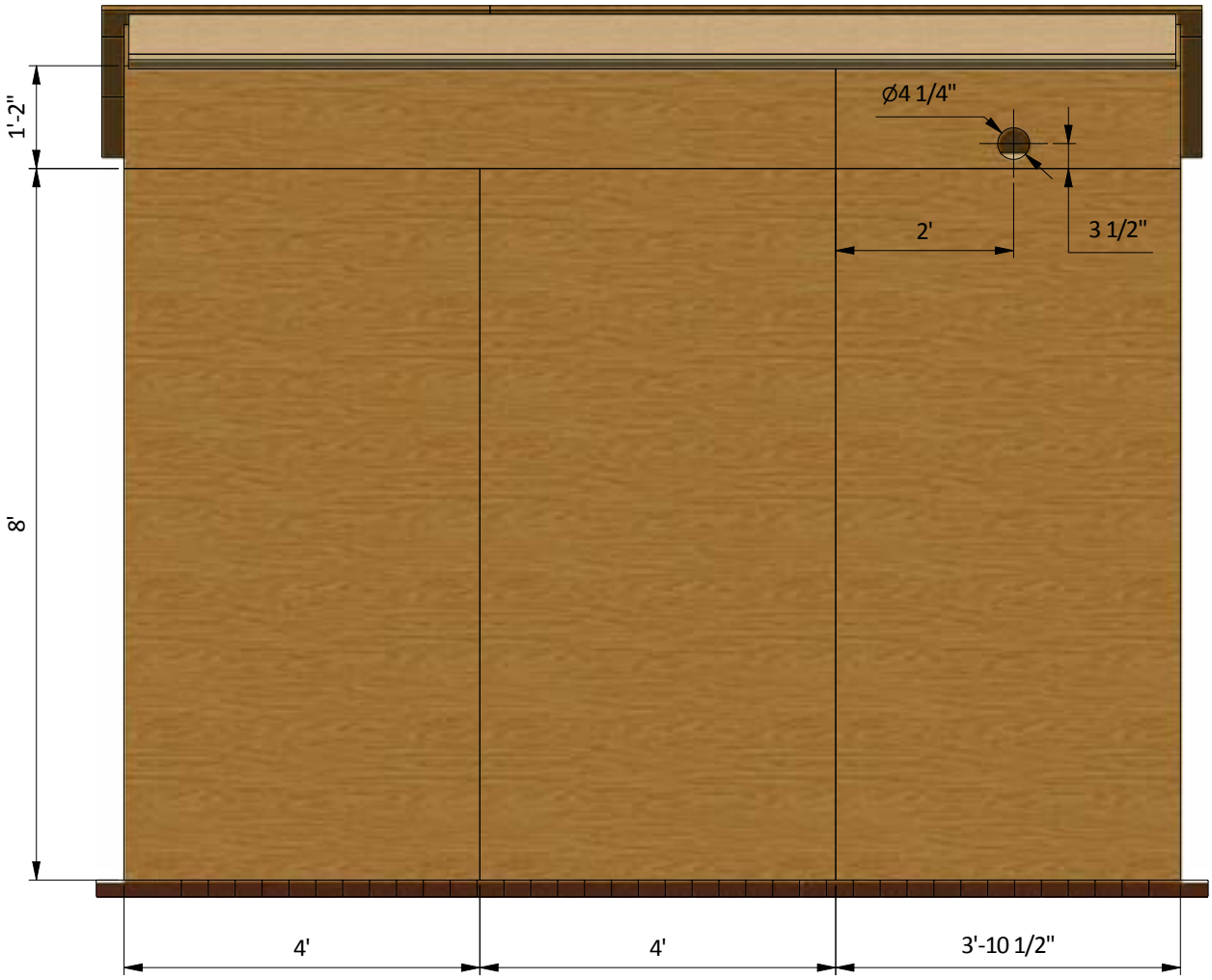


STEP 11

Install Plywood for the Back Wall

11.1 Cut sheets of 5/8" plywood for the back wall sheathing using the drawing below as a guide.
You will need two 4' x 8' sheets, one 3'-10 1/2" x 8' sheet, one 1'-2" x 8' and one 1'-2" x 3'-10 1/2" sheet.
Ensure to provide cutting for ventilation as shown in the illustration.

11.2 Secure the plywood with 2" wood screws.



STEP 12

Assemble and Install Shed Doors

12.1 Build the door frames for the shed using 1 1/2" x 3 1/2" pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to 5'-4 3/4" that will be the vertical girts, two boards cut to 2'-7 3/4" that will be the horizontal girts, two boards cut to 3'-3 1/4" that will be cross braces and one board cut to 2'-3/4 that will be middle girt.

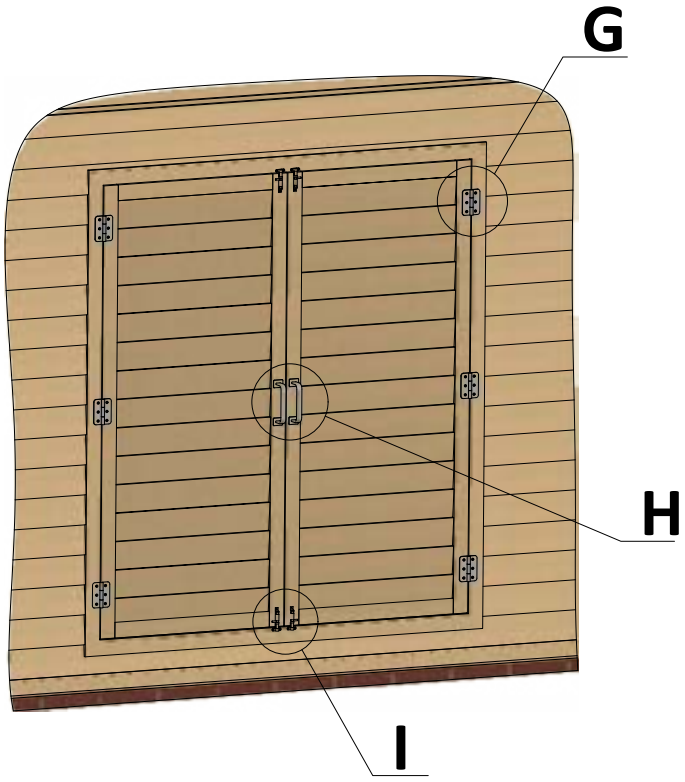
12.2 Prepare the 5/8" plywood sheet with dimensions 5'-11 3/4" x 2'-7 3/4" for the doors according to the drawing.

12.3 Use 3/4" x 2 1/2" pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 5'-11 3/4" and two boards cut to 2'-2 3/4".

12.4 Using 1/4" x 3/4" pressure-treated lumber, cut and install a starter course 2'-2 3/4" long.

12.5 For the exterior siding on the door, use 1/2" x 6" wood siding boards and the illustration below as a reference. Assemble siding shields with 2" galvanized nails.

12.6 Install three 4" door hinges using 6x1" wood screws. Finish the doors installation by attaching 4" surface bolts and 6" door pulls (see nodes E, F, G.



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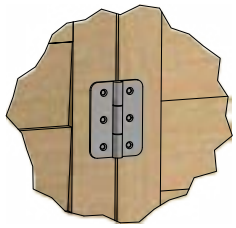

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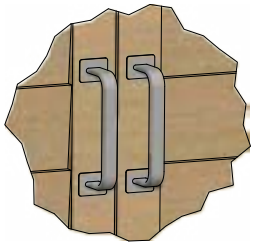

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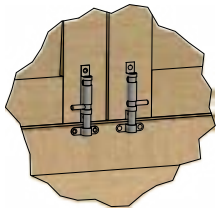


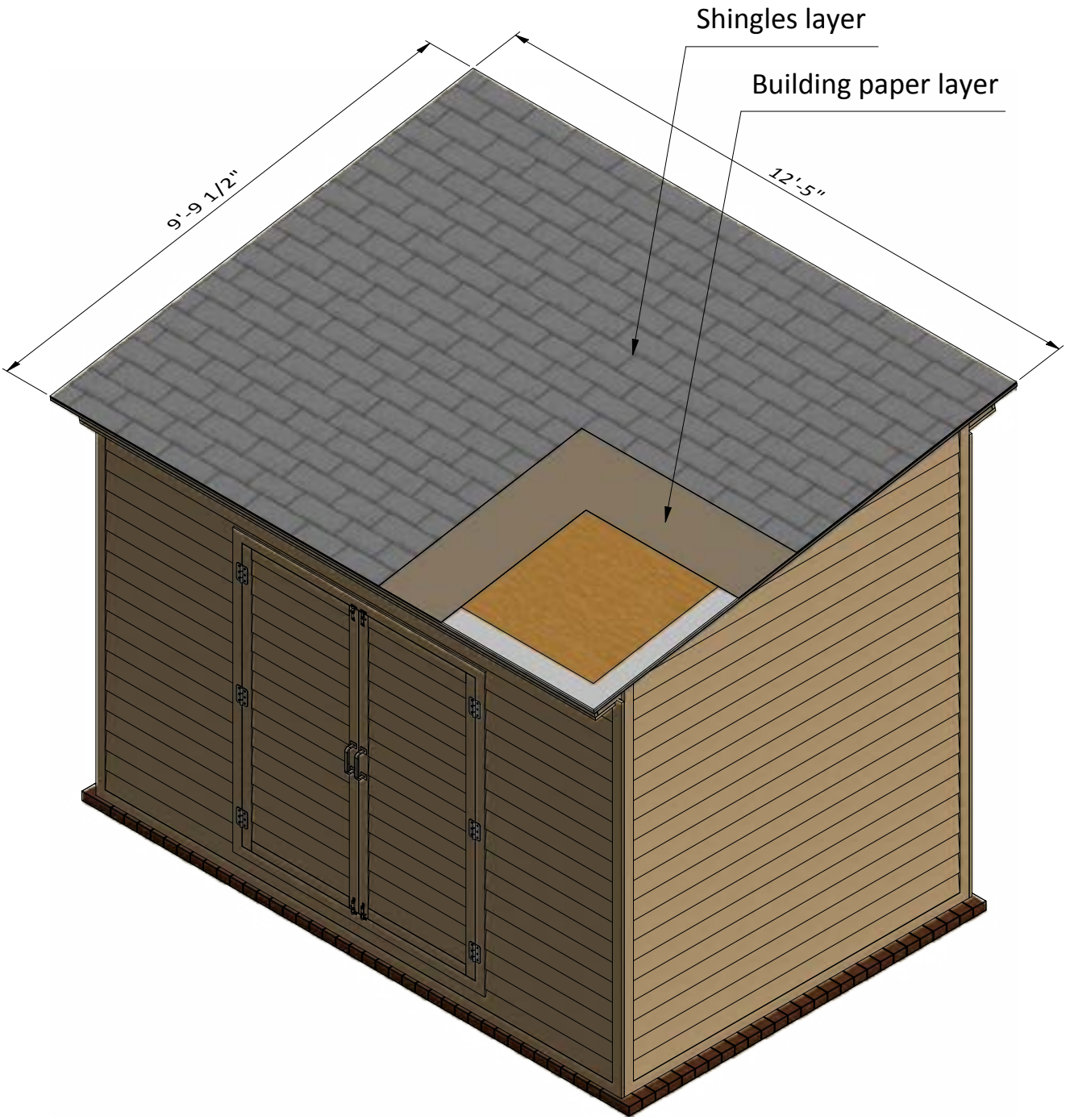
STEP 14

Roof Sheathing Installation

13.1 You will need 86 Sq Ft of building paper and asphalt shingle roofing.

13.2 Cover the plywood and drip edge with building paper. Try to install sheets with 1" overlapping. Use 2" nails to secure the sheets.

13.3 Install asphalt shingle roofing using an industrial stapler.

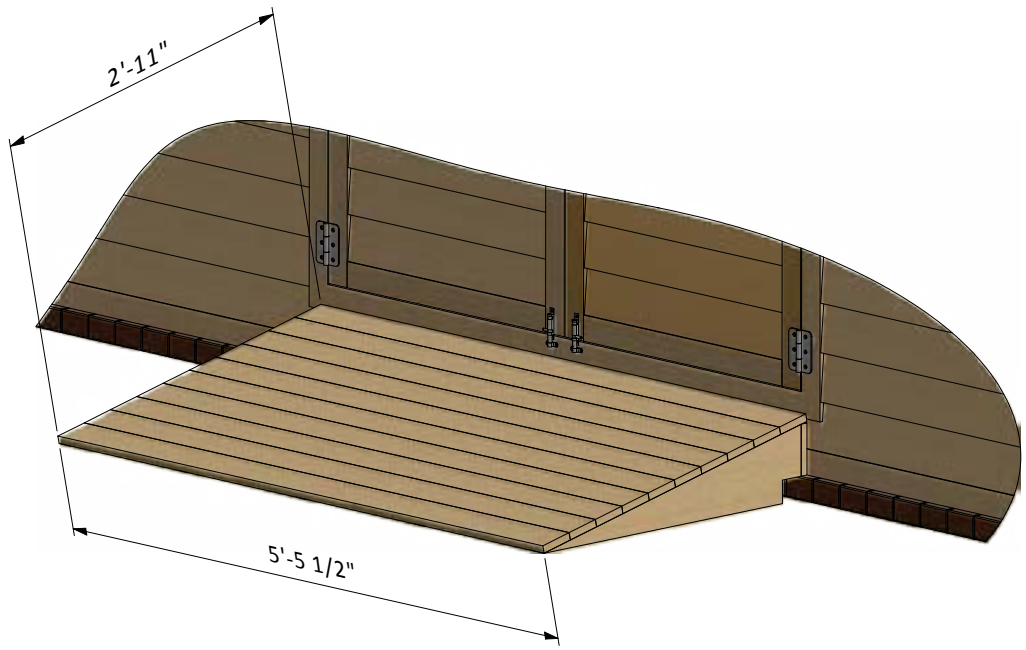


STEP 14

Assemble and Install Door Ramp

14.1 Using 3/4" x 3 1/2", 3/4" x 5", 1 1/2" x 3 1/2"and 1 1/2" x 7 1/4" pressure-treated lumber, construct door ramp using the drawing below as a reference. You will need five boards cut to 2'-9 1/2" that will be support girts, four boards cut to 1'-2 1/2" that will be joists (cut the top edge to fit the angle of support girts), one board cut to 5'-5 1/2" that will be rim joist and ten boards cut to 5'-5 1/2" that will be top sheathing.

14.2 Assemble siding shields with 2" and 3" galvanized nails.



STEP 15

Assemble and Install Roof Drainage System

15.1 Assemble roof drainage system on the front fascia board. You will need 5" half round gutter 10'-9" long, two end pieces with the outlet, six 45° elbows, two 3" pipe 6' long, two joint connectors and two end caps.

15.2 Fasten the round gutter to the fascia with the seven round hungers.

15.3 Fasten the vertical pipe section with the two wall fasteners for each side.

STEP 16

Shed decoration

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

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