



8'x10' Garden Shed Plan



Compare our Free vs. Premium plan

This perfectly designed plan will guide you through the entire process of building your very own shed for any backyard or garden.



Check out the benefits you would get with our **premium edition**:

Features	Free plan	Premium edition
Steps count	17	33
Illustrations for Each Step	✓	✓
Print Ready	✓	✓
Step By Step Instructions	✓	✓
Full Materials and Cuttings List	✗	✓
Additional Illustrations	✗	✓
Additional Blueprints	✗	✓
Tools List	✗	✓
Fastening Elements List	✗	✓
Technical Support	✗	✓

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8'x10' Garden Shed Material List

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Pressure-Treated Lumber
- Plywood

Wall Frames

- Pressure-Treated Lumber

Shed's Roof

- Pressure-Treated Lumber
- Pressure-Treated Board
- Plywood
- Building paper
- Asphalt shingles
- Metal drip edge

Shed's Door

- Pressure-Treated Lumber
- Wood siding boards
- Plywood

Fasteners & Hardware

- Door hinges
- Door pulls
- Surface bolt
- Window lock
- Wood square louver gable vent
- Galvanized nails
- Wood screws

Shed's Window

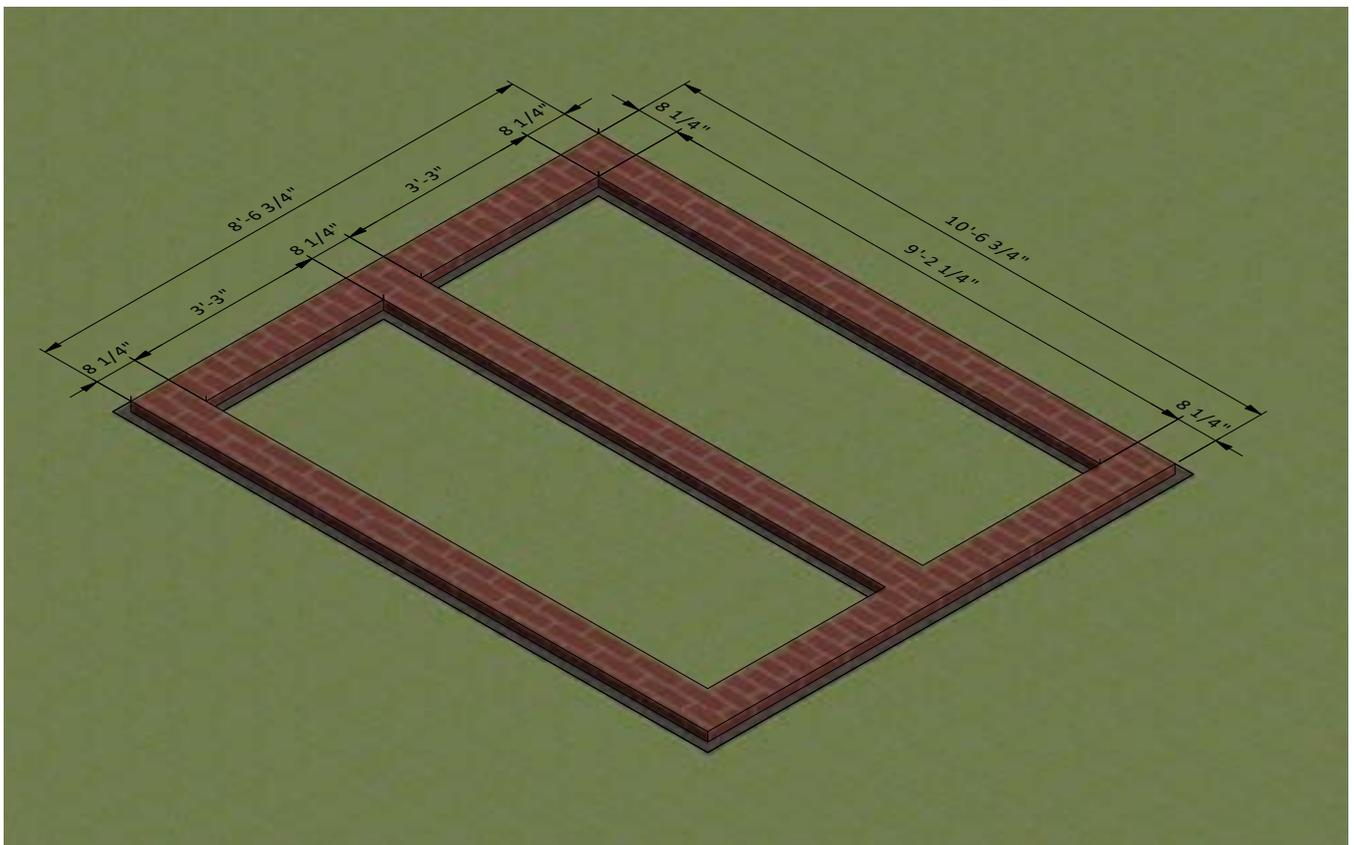
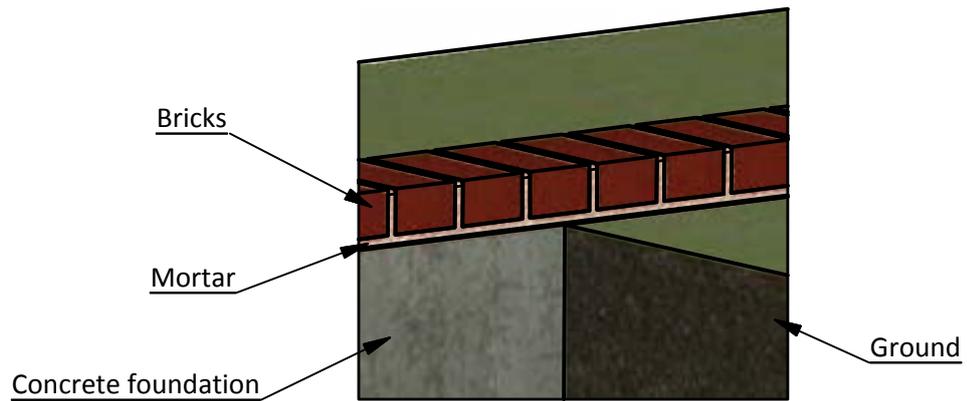
- Pressure-Treated Lumber
- Window beading
- Glass

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 120 bricks for this step.



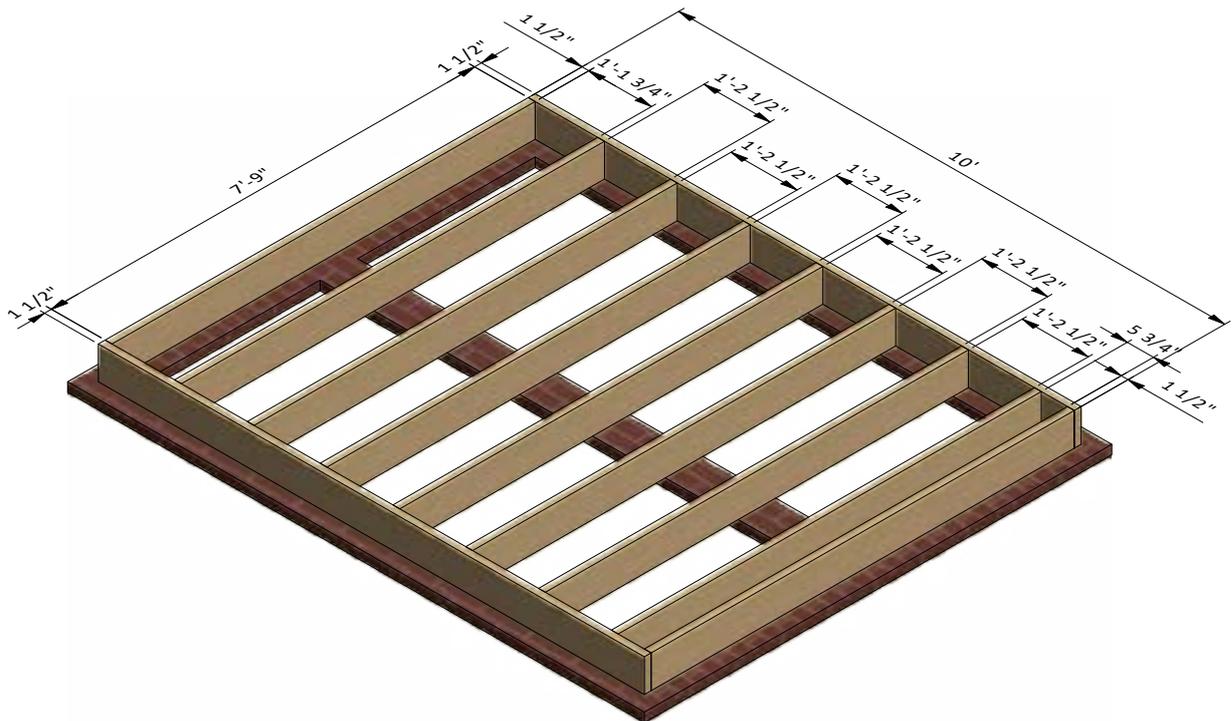
STEP 2

Framing the Floor

2.1 Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber. You will need seven boards cut to 7'-9" that will be the joist.

2.2 Secure the beams with 8x5" wood screws.

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

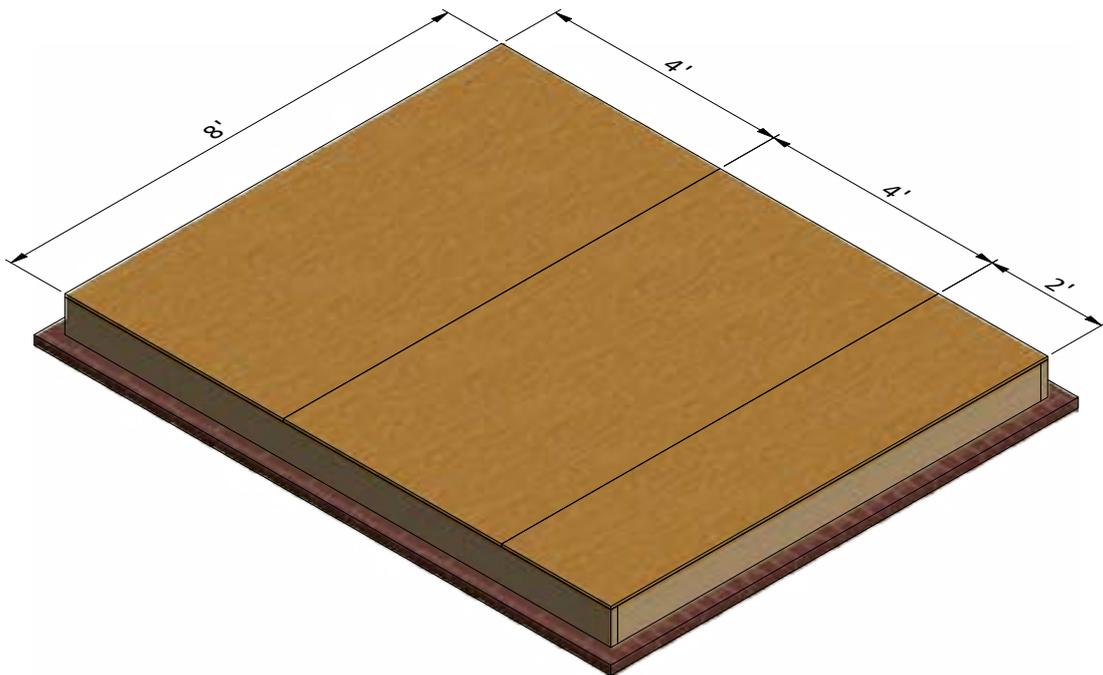


STEP 3

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 8' sheets and one 2' x 8' sheet.

3.2 Secure the plywood with 2" wood screws.



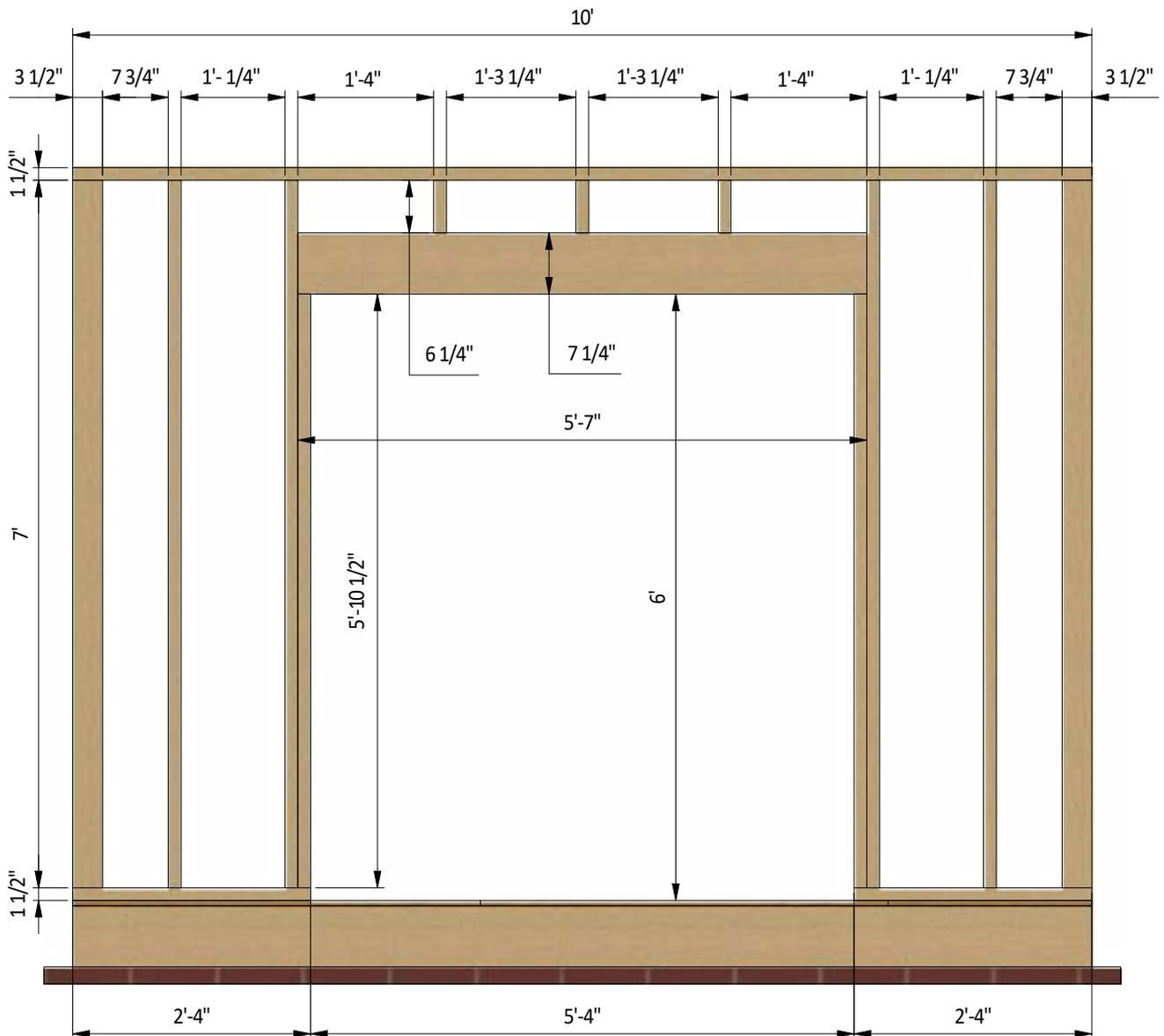
STEP 4

Assemble Front Wall Frame

4.1 Using 1 1/2" x 3 1/2", 3 1/2" x 3 1/2" and 1 1/2" x 7 1/4" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need six boards cut to 7', two boards cut to 5'-10 1/2" that will be studs, two boards cut to 2'-4" that will be the bottom beams, one board cut to 10' that will be the top beam, two boards cut to 5'-7" and one sheet of 5/8" plywood cut to 7 1/4" x 5'-7" that will be the door header and three boards cut to 6 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°.



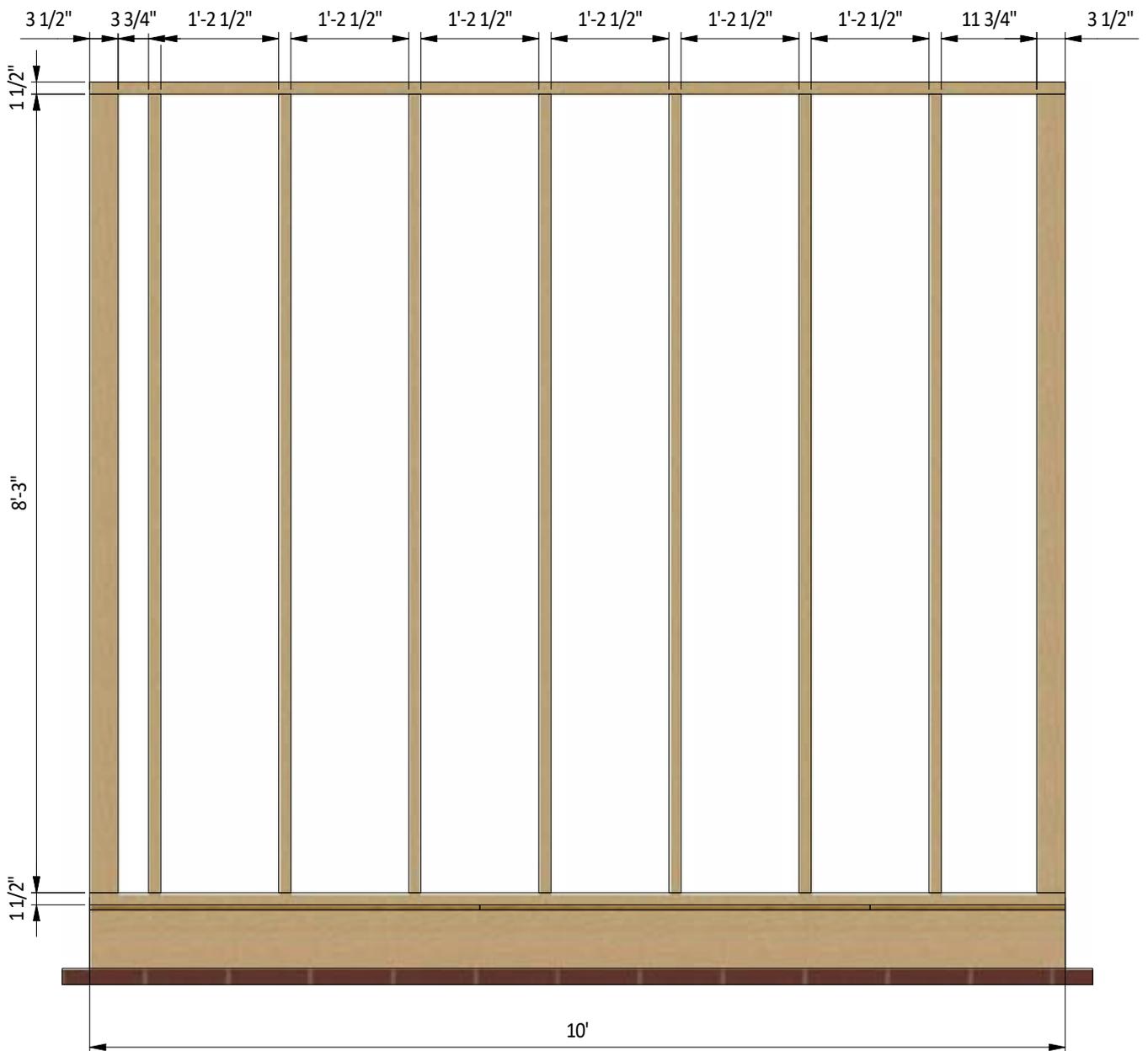
STEP 5

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 nine boards cut to 8'-3" that will be the studs and two boards cut to 10' 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°.

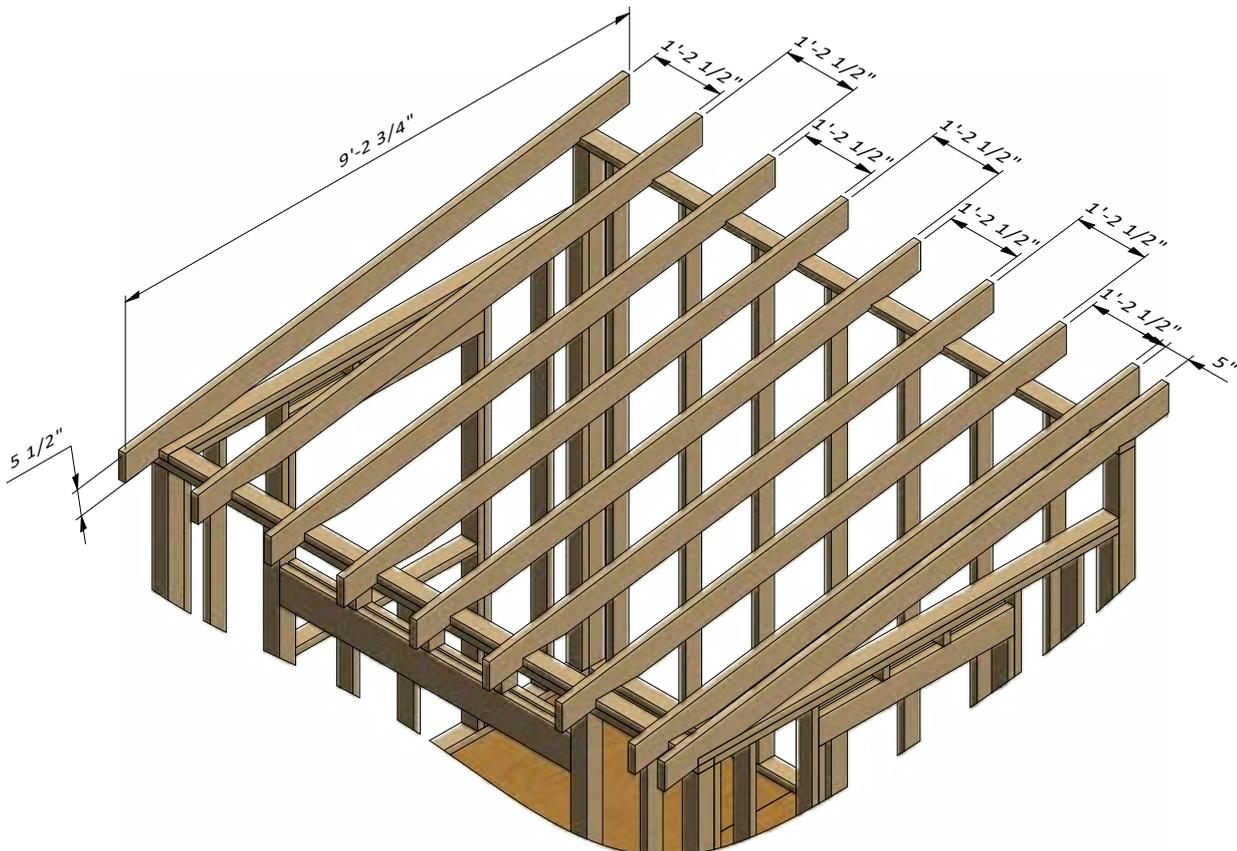
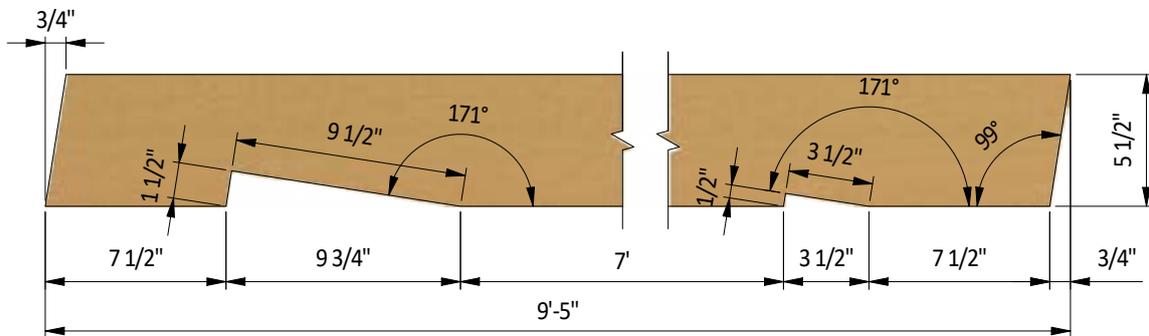


STEP 7

Assemble the Roof Frame

7.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut nine rafters 9'-5" 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.

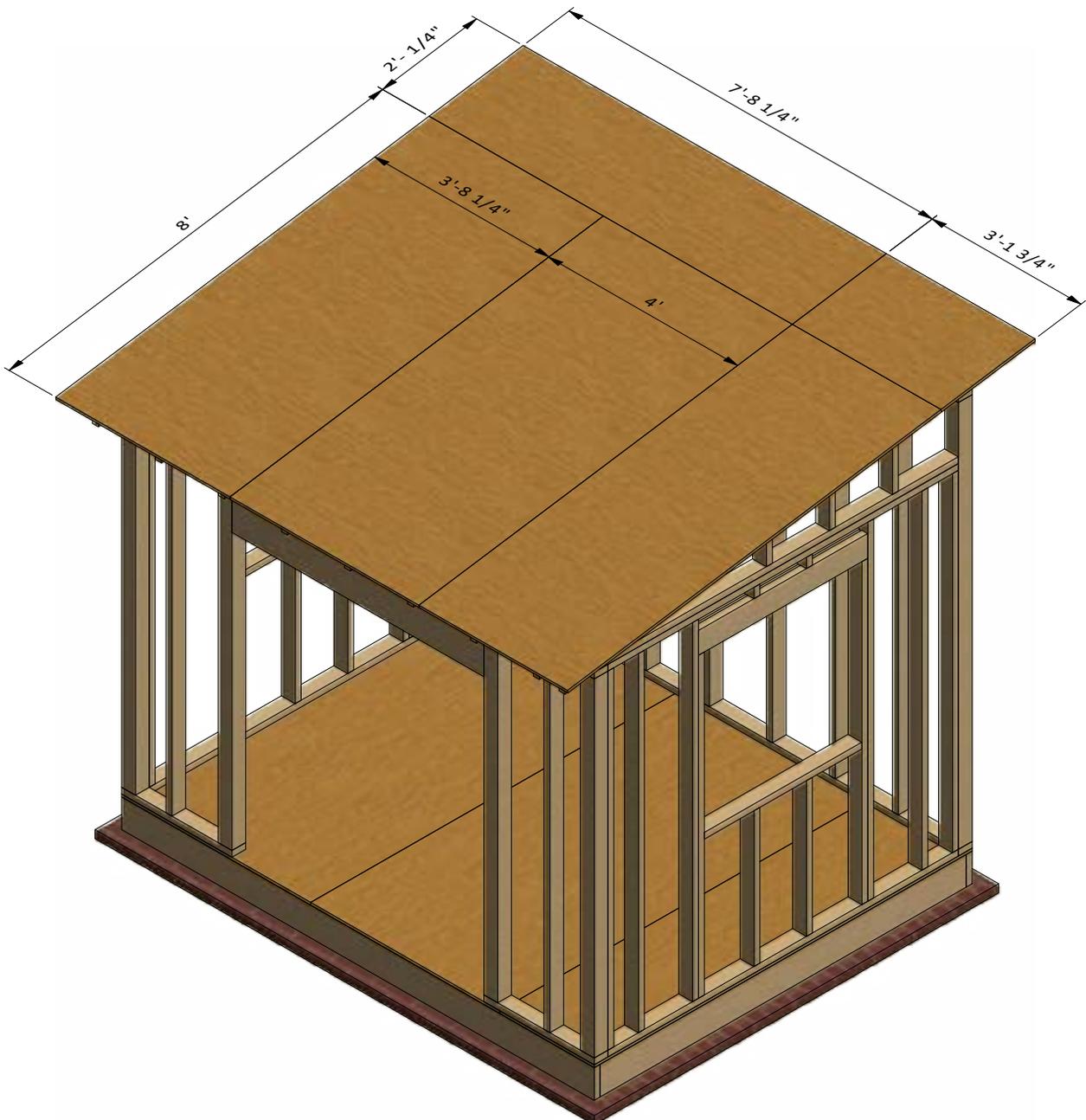


STEP 8

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 one 3'-1 3/4" x 2'-1 3/4" sheet, one 3'-1 3/4" x 8' sheet, one 2'-1 3/4" x 7'-8 1/4" sheet, one 4' x 8' sheet and one 3'-8 1/4" x 8' sheet.

8.2 Secure the plywood with 2" wood screws.



STEP 9

Installing the Exterior Siding to the Side Walls

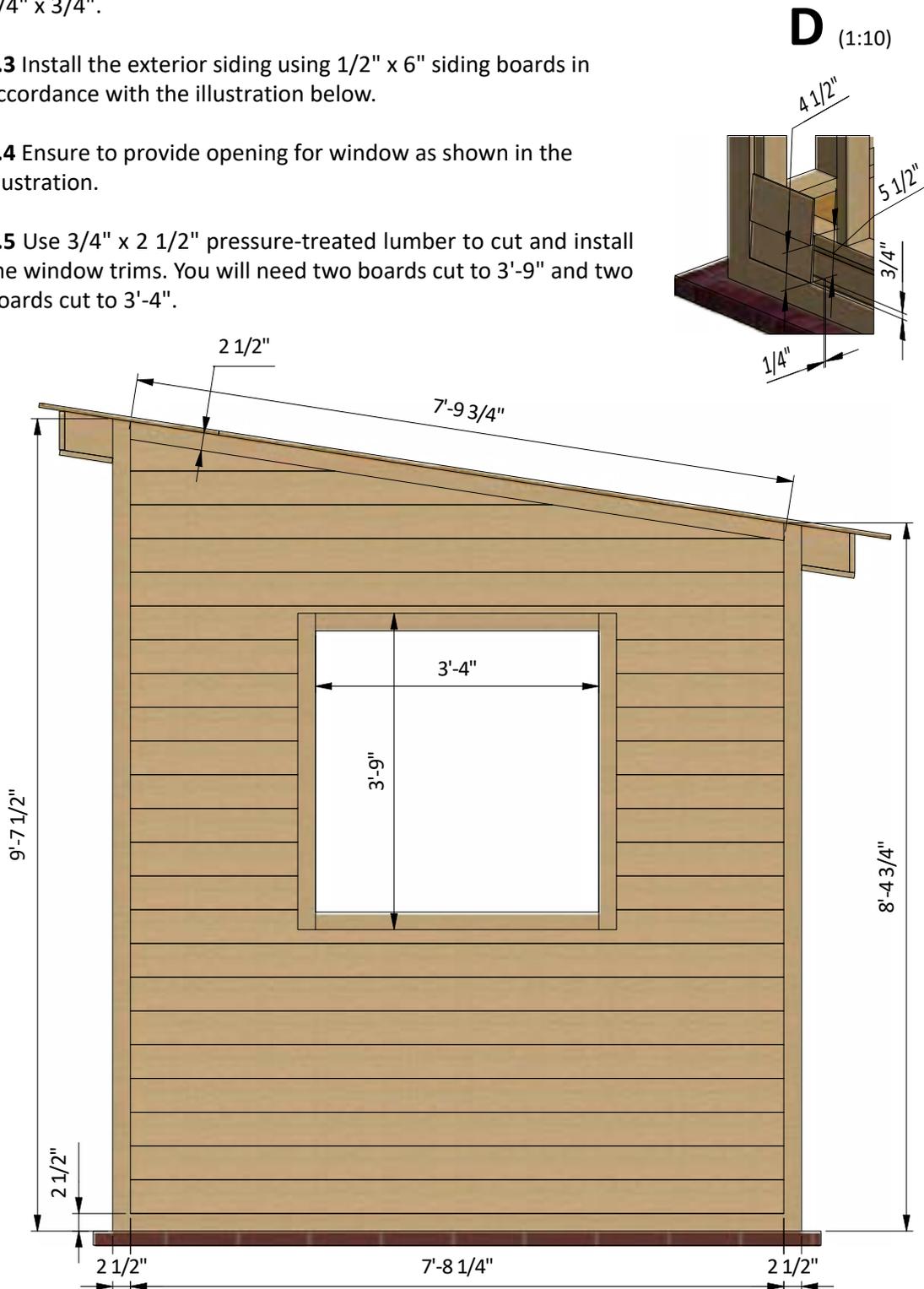
9.1 Use 3/4" x 2 1/2" pressure-treated lumber to cut and install the wall trims. Use the illustration below as a reference for both side walls. For each wall you will need one board cut to 7'-8 1/4", one board cut to 9'-7 1/2", one board cut to 7'-9 3/4" and one board cut to 8'-4 3/4".

9.2 Prepare and install starter course 7'-8 1/4" long from the pressure-treated lumber with cross section 1/4" x 3/4".

9.3 Install the exterior siding using 1/2" x 6" siding boards in accordance with the illustration below.

9.4 Ensure to provide opening for window as shown in the illustration.

9.5 Use 3/4" x 2 1/2" pressure-treated lumber to cut and install the window trims. You will need two boards cut to 3'-9" and two boards cut to 3'-4".



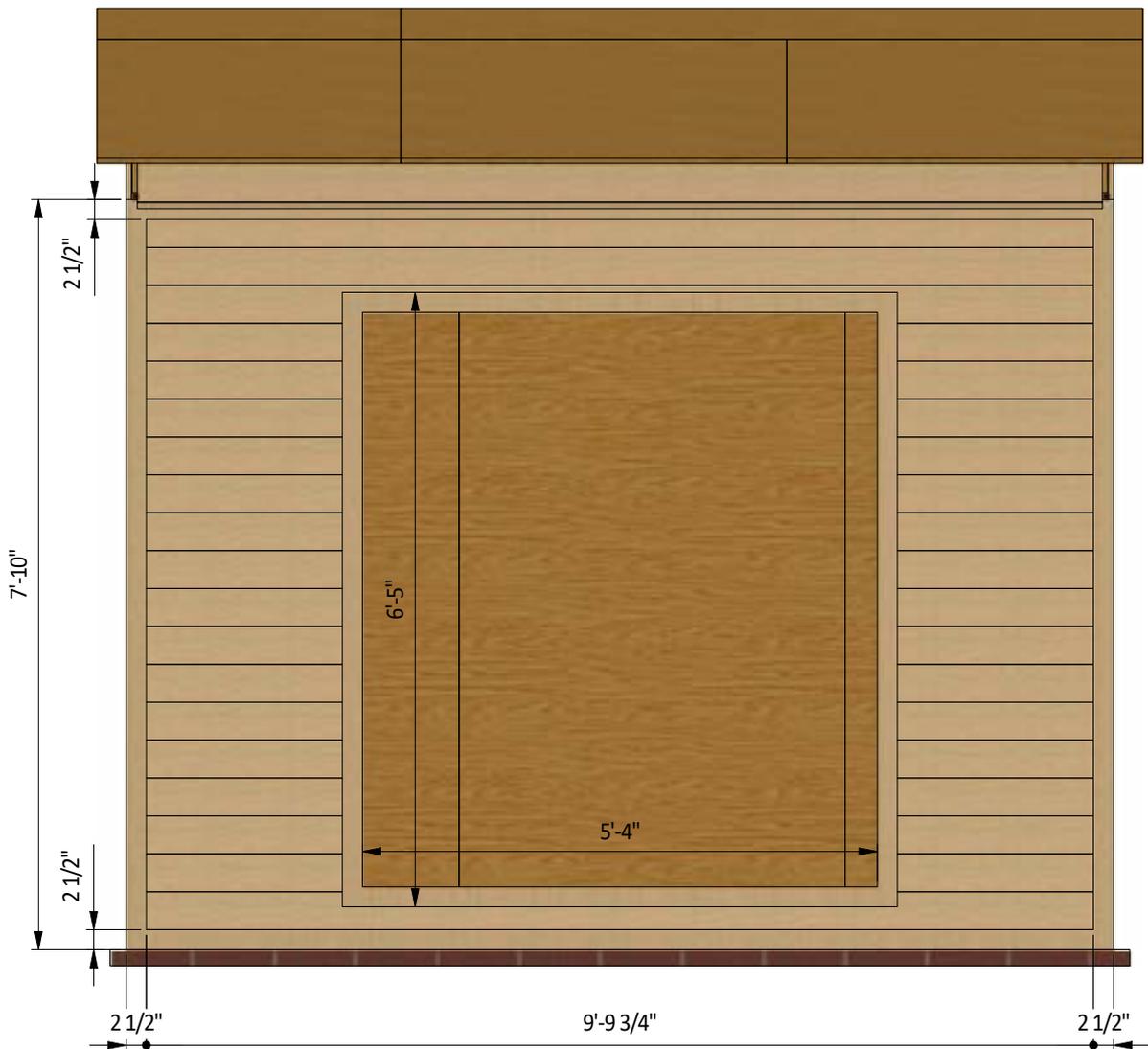
STEP 10

Installing the Exterior Siding to the Front Wall

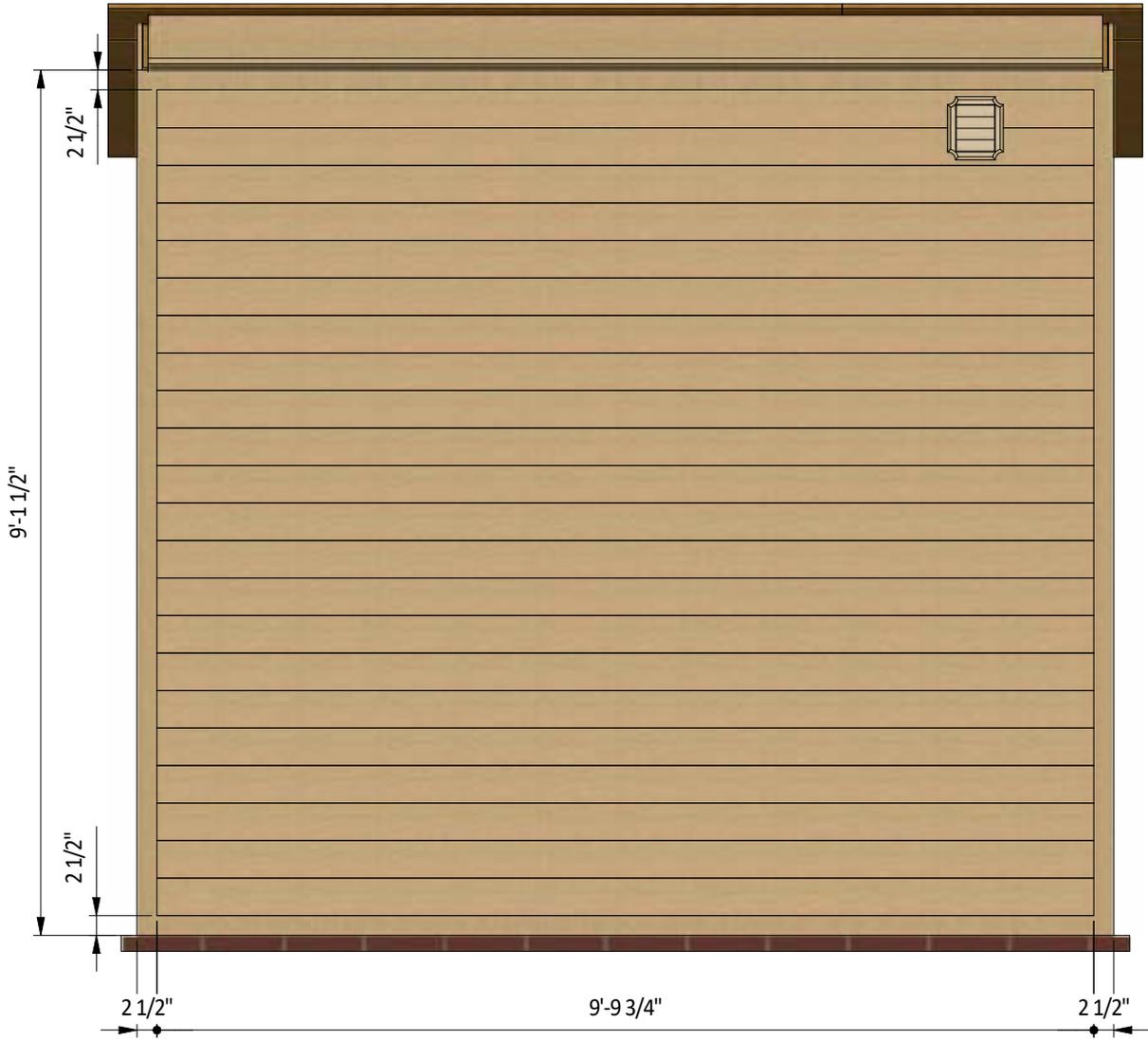
10.1 Use 3/4" x 2 1/2" pressure-treated lumber to cut and install the door and wall trims. Use the illustration below as a reference. You will need two boards cut to 9'-9 3/4", two boards cut to 7'-10", two boards cut to 5'-4" and two boards cut to 6'-5".

10.2 Prepare and install starter course 9'-9 3/4" long from the pressure-treated lumber with cross section 1/4" x 3/4" .

10.3 Install the exterior siding using 1/2" x 6" siding boards in accordance with the illustration below.



STEP 11



STEP 12

Assemble and Install Window Shutters

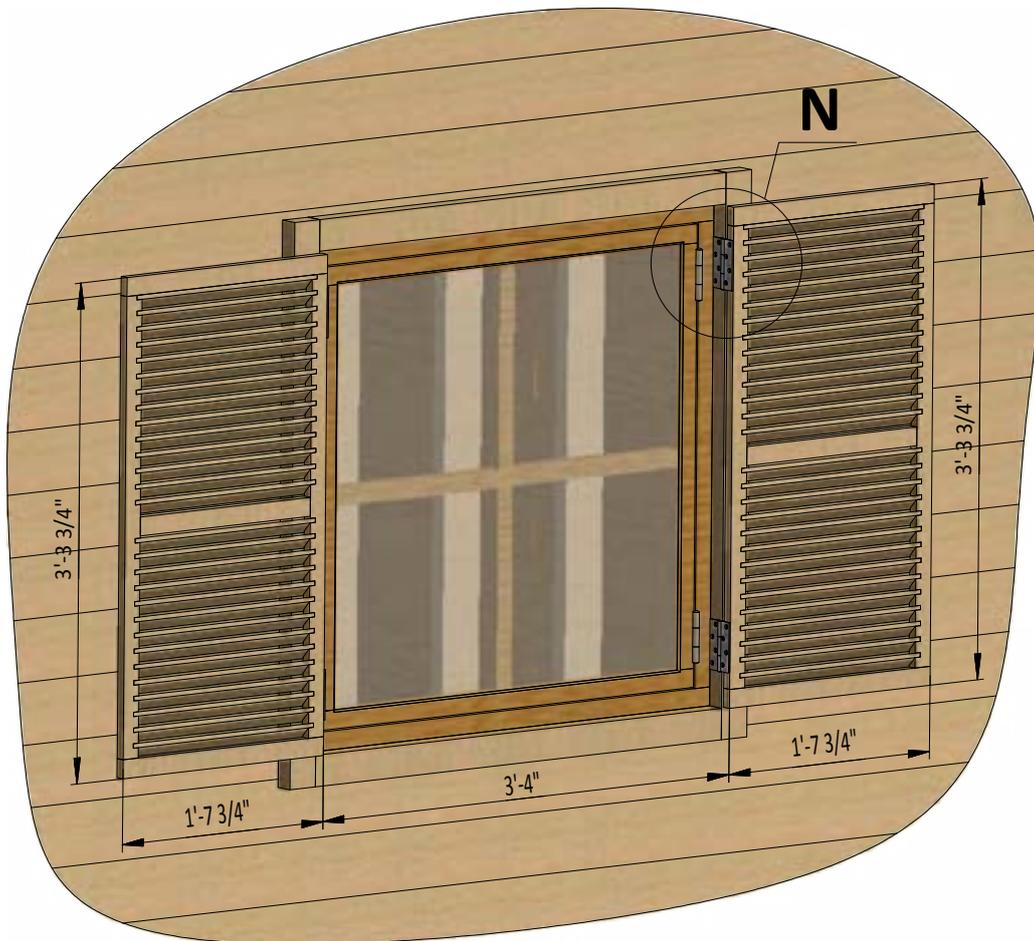
It is necessary to prepare 4 window shutters.

12.1 Assemble frames using $\frac{3}{4}$ " x $1\frac{1}{2}$ " pressure-treated lumber and secure with 3" wood screws. You will need one board cut to $1'-4\frac{3}{4}$ " that will be middle girt, two boards cut to $3'-\frac{3}{4}$ " that will be the vertical girts and two boards cut to $1'-7\frac{3}{4}$ " that will be the horizontal girts.

12.2 Mill a recess along the vertical girts for the jalousies.

12.3 Use $\frac{1}{4}$ " x $1\frac{1}{2}$ " pressure-treated lumber for the jalousies. You will need twenty eight boards cut to $1'-5\frac{3}{4}$ ".

12.4 Install two 3" door hinges using 6×1 " wood screws.



STEP 13

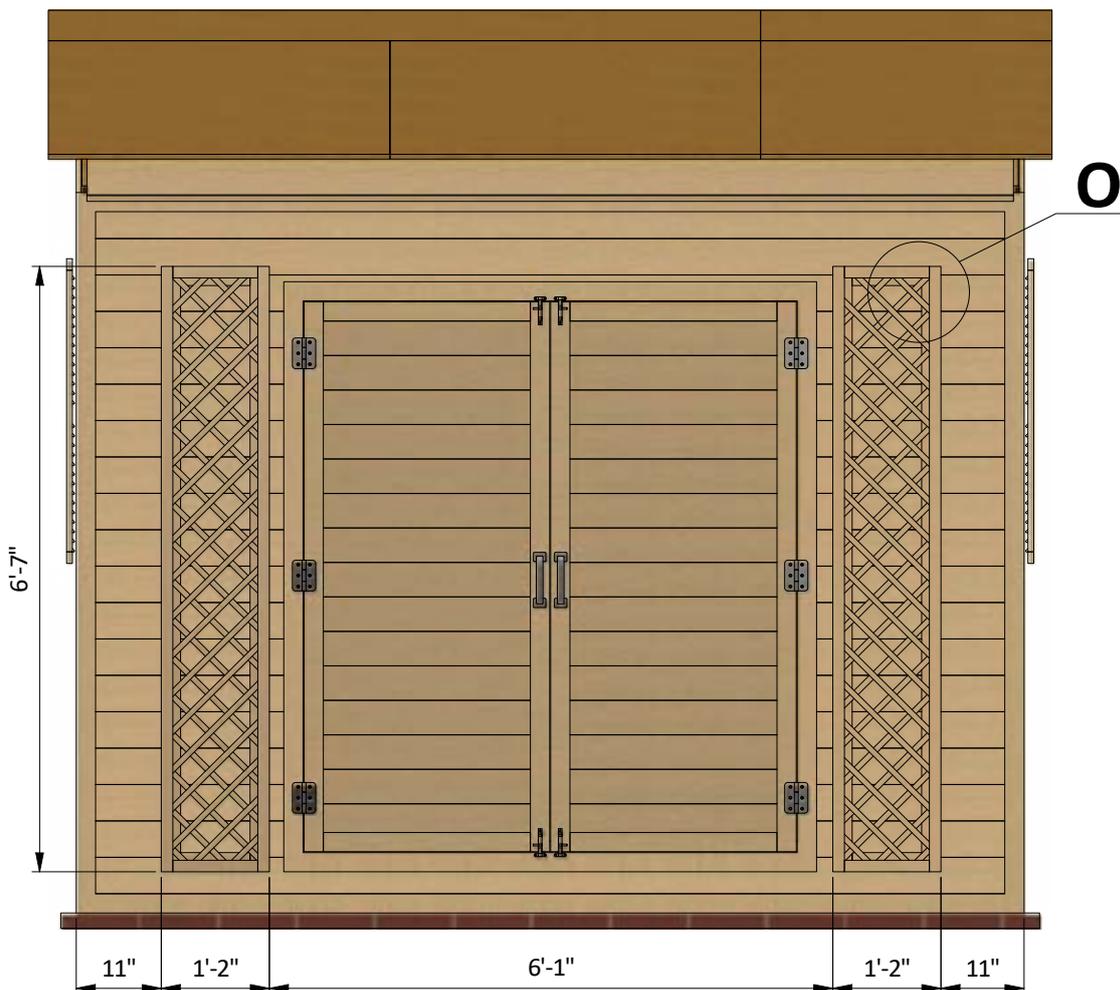
Assemble and Install Pergolas

It is necessary to prepare two pergolas.

13.1 Assemble front frame using 1 1/2" x 1 1/2" pressure-treated lumber and secure with 3" wood screws. You will need two boards cut to 6'-7" that will be the vertical girts and two boards cut to 11" that will be the horizontal girts.

13.2 Assemble back frame using 3/4" x 2 1/2" pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to 6'-7" that will be the vertical girts and two boards cut to 9" that will be the horizontal girts.

13.3 Use 3/4" x 3/4" pressure-treated lumber for the lattice. You will need thirty four boards cut to 1'-3 1/2" . Assemble according to the drawing.



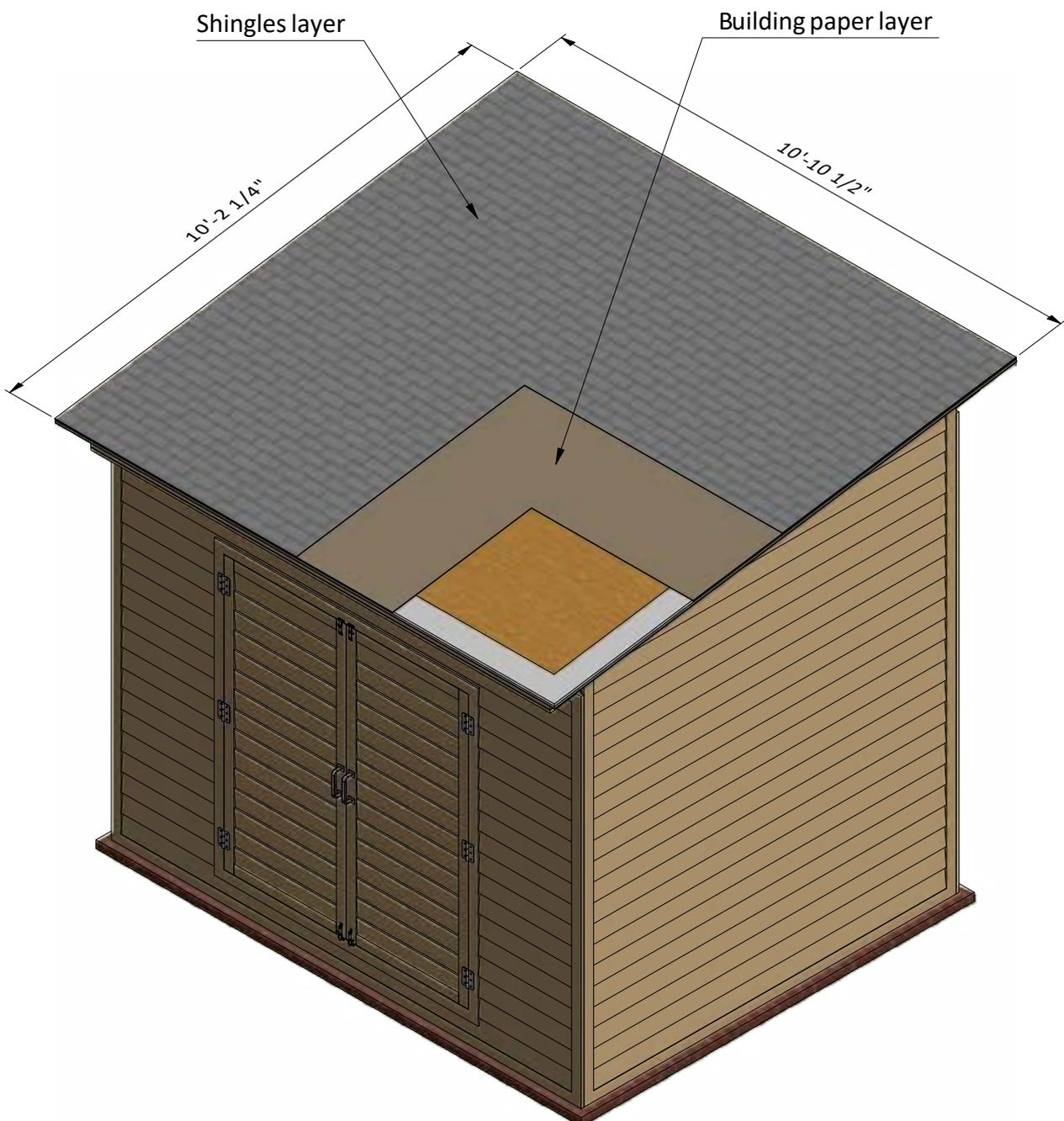
STEP 14

Roof Sheathing Installation

14.1 You will need 112 Sq Ft of building paper and asphalt shingle roofing.

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

14.3 Install asphalt shingle roofing using an industrial stapler.



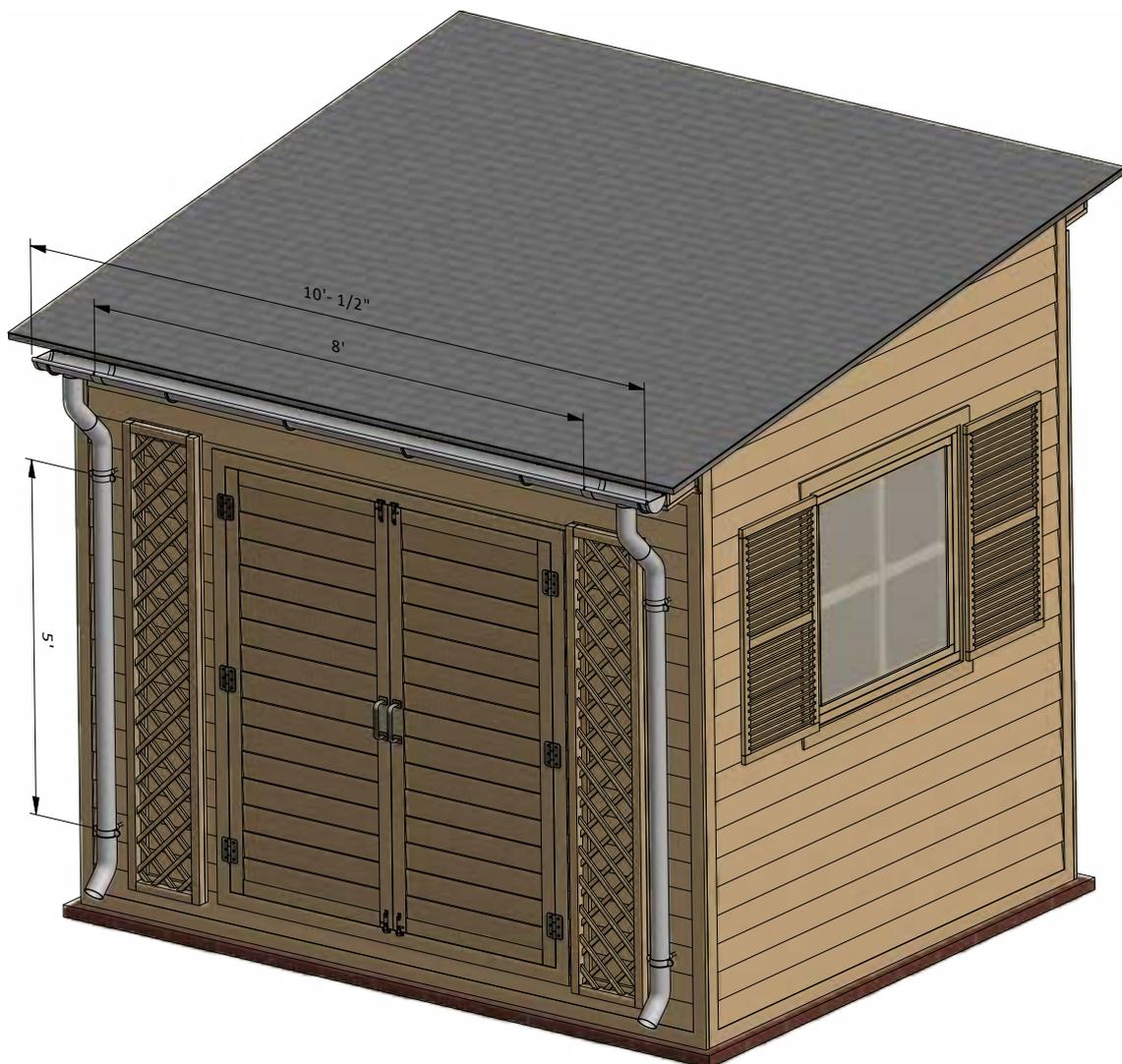
STEP 15

Assemble and Install Roof Drainage System

15.1 Assemble roof drainage system on the front fascia board. You will need 5" half round gutter 8' long, two end pieces with the outlet, six 45° elbows, two 3" pipes 6' long, two joint connectors and two end caps.

15.2 Fasten the round gutter to the fascia with the six round hangers.

15.3 Fasten the vertical pipe section with the four wall fasteners.



STEP 16

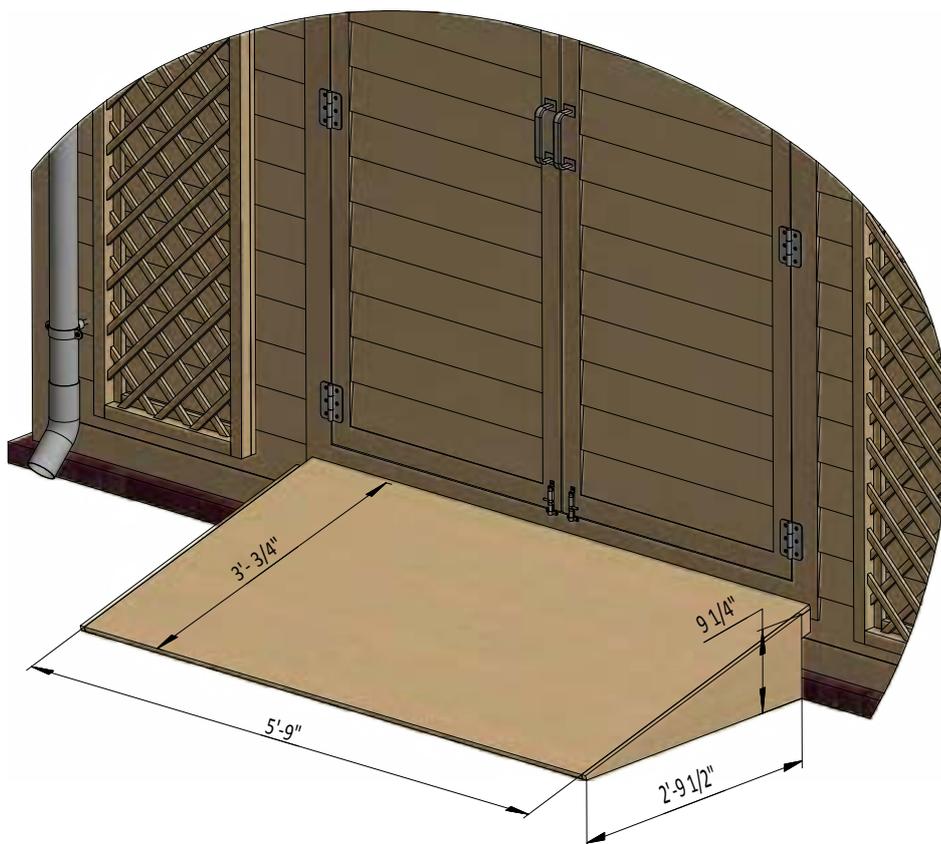
Assemble and Install Door Ramp

16.1 Assemble the five door ramp frames from pressure-treated lumber and secure with 3" and 5" wood screws. For each frame you will need one 1 1/2" x 1 1/2" board cut to 1'-8"; one 1 1/2" x 2 1/2" board cut to 3'-3/4" and one 1 1/2" x 3 1/2" board cut to 6 1/4".

16.2 Connect and secure all frames using one 1 1/2" x 2 1/2" board 5'-9" long and 3" wood screws.

16.3 Cut the 5/8" plywood sheet with dimensions 3'-3/4" x 5'-9" for the top plane and two sheets with dimensions 9 1/4" x 2'-9 1/2" for the sides.

16.4 Assemble siding shields with 2" galvanized nails.



STEP 17

Finishing

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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This perfectly designed plan will guide you through the entire process of building your very own shed for any backyard or garden.



Check out the benefits you would get with our **premium edition**:

Features	Free plan	Premium edition
Steps count	17	33
Illustrations for Each Step	✓	✓
Print Ready	✓	✓
Step By Step Instructions	✓	✓
Full Materials and Cuttings List	✗	✓
Additional Illustrations	✗	✓
Additional Blueprints	✗	✓
Tools List	✗	✓
Fastening Elements List	✗	✓
Technical Support	✗	✓

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