



Free 10'x10' Garden 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	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	✓

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10'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

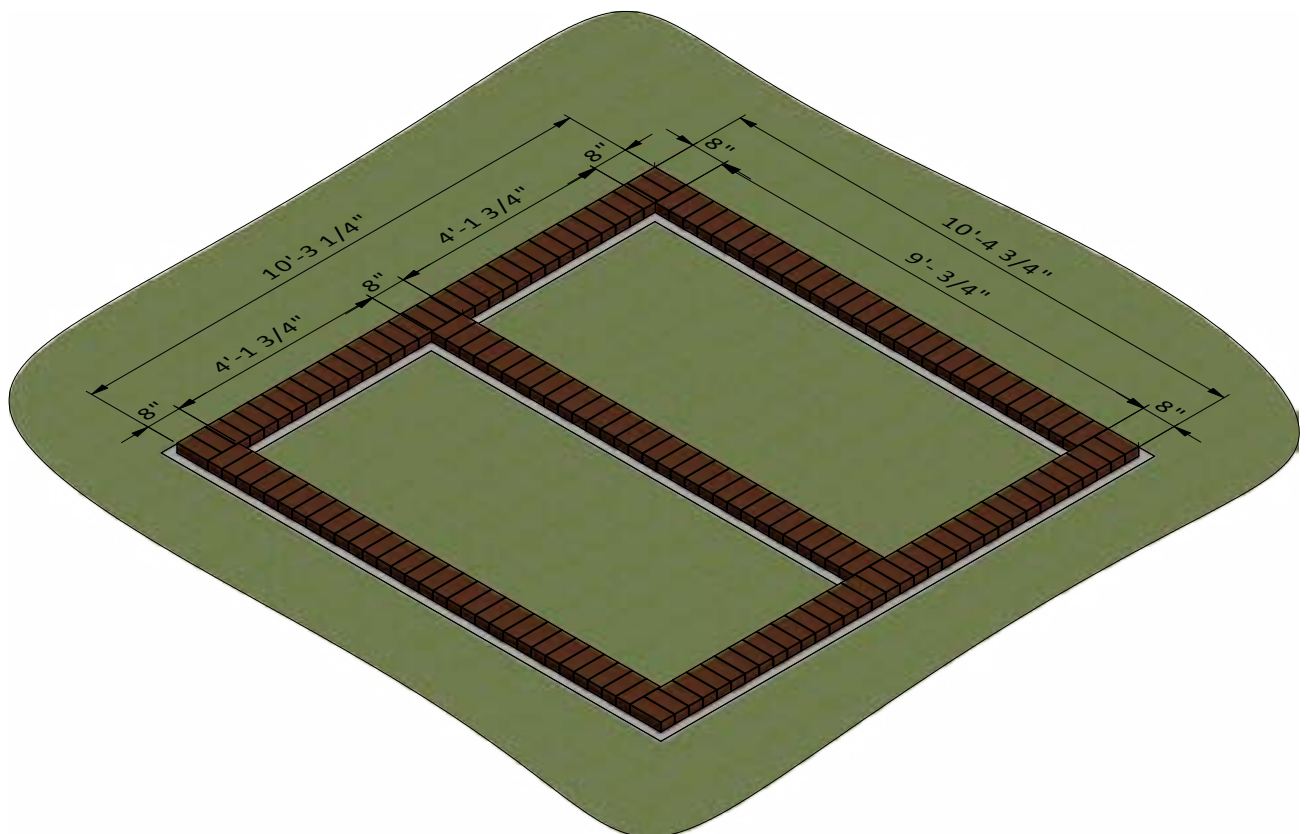
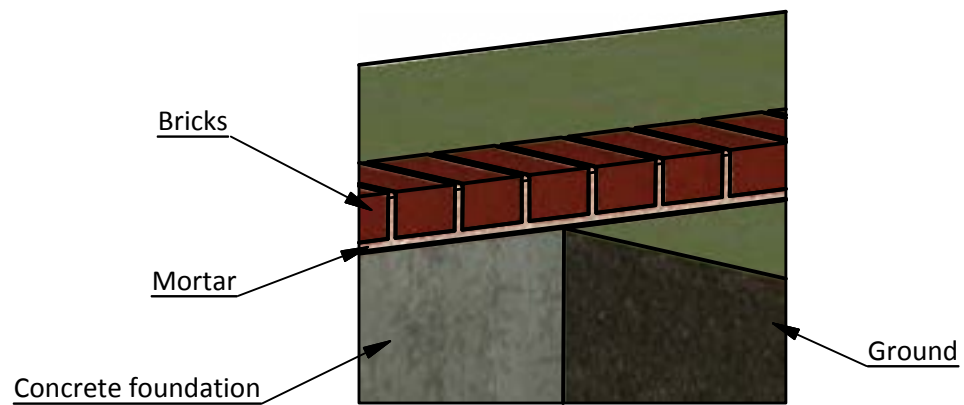
- Pressure-Treated Lumber
- Window beading
- Glass

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 158 bricks for this step.



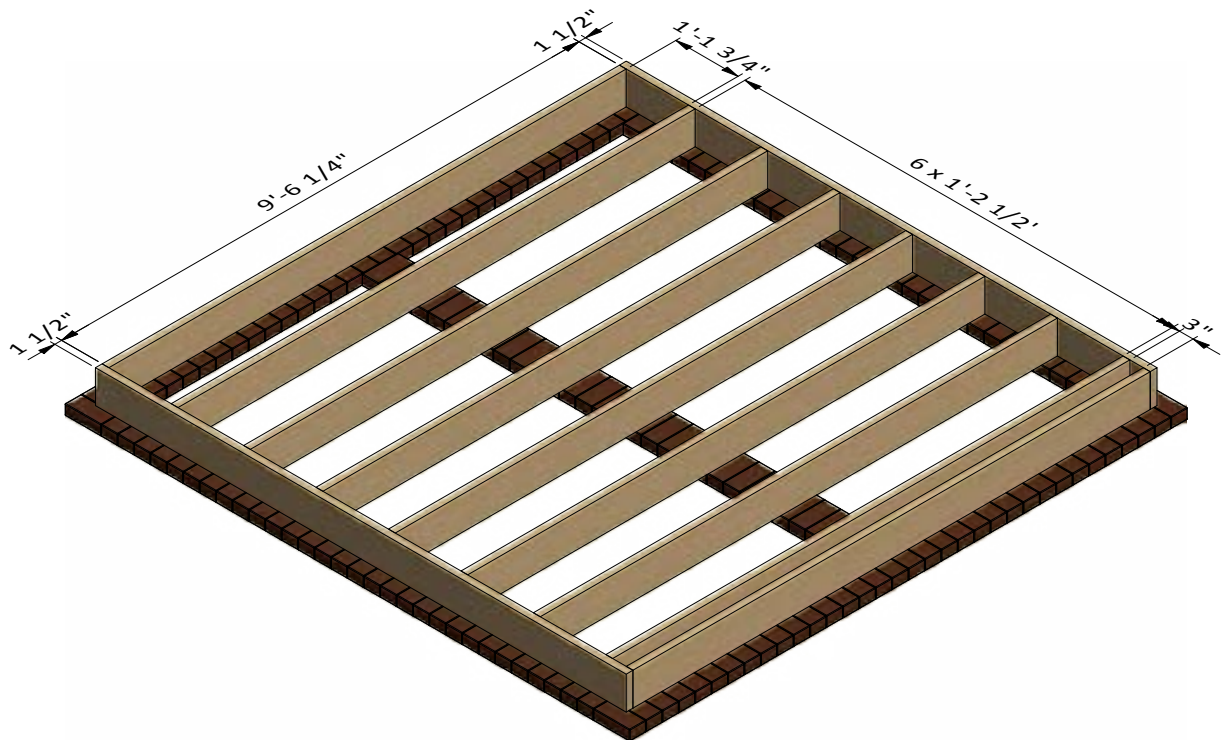
STEP 2

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 9'-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°.

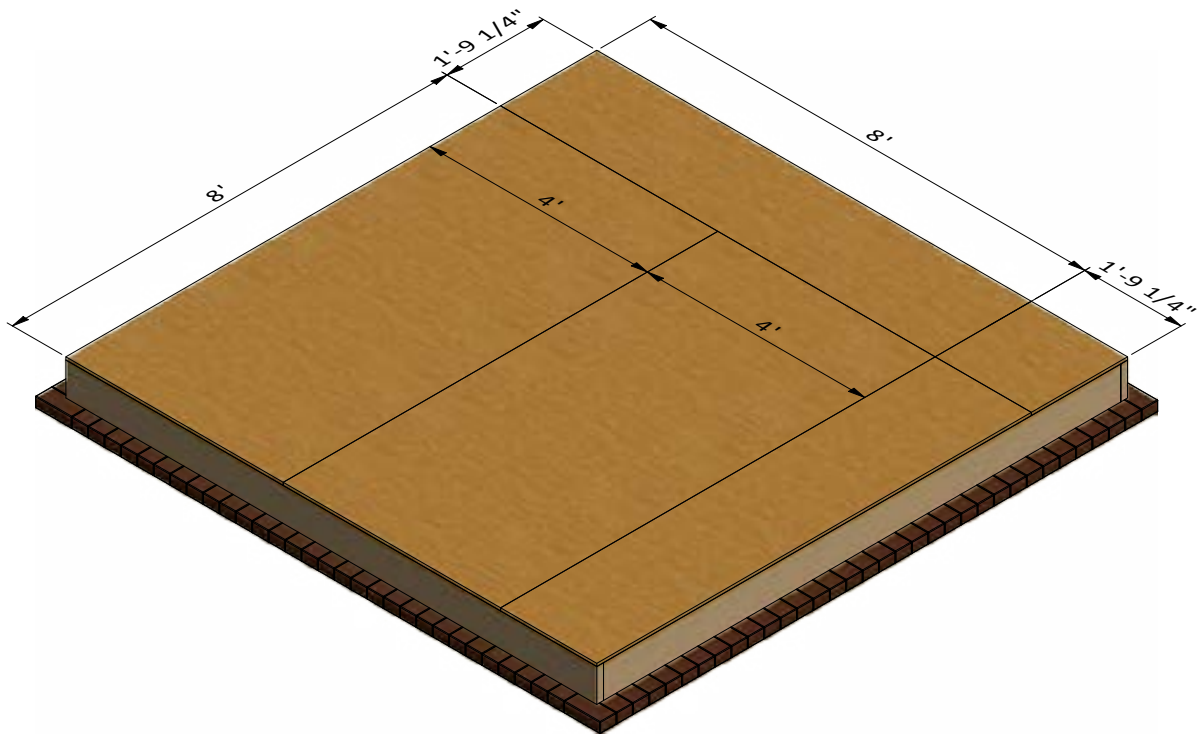


STEP 3

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 8' sheets, two 1'-9 1/4" x 8' sheets and one 1'-9 1/4" x 1'-9 1/4" sheet.

3.2 Secure the plywood with 2" wood screws.



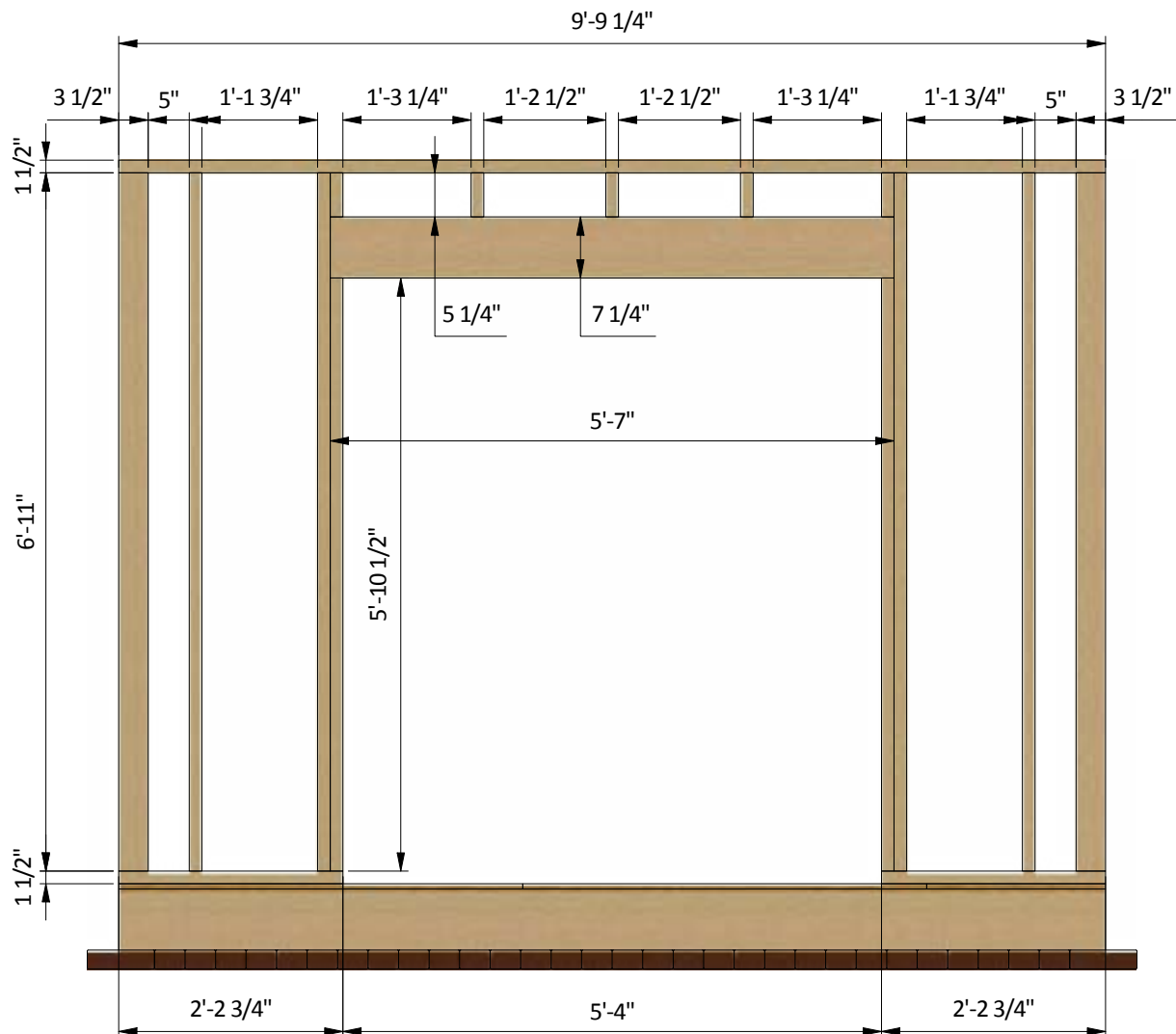
STEP 4

Assemble Front Wall Frame

4.1 Using 1 1/2" x 3 1/2", 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 six boards cut to 6'-11", two boards cut to 5'-10 1/2" that will be studs, two boards cut to 2'-2 3/4" that will be the bottom plates, one board cut to 9'-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°.



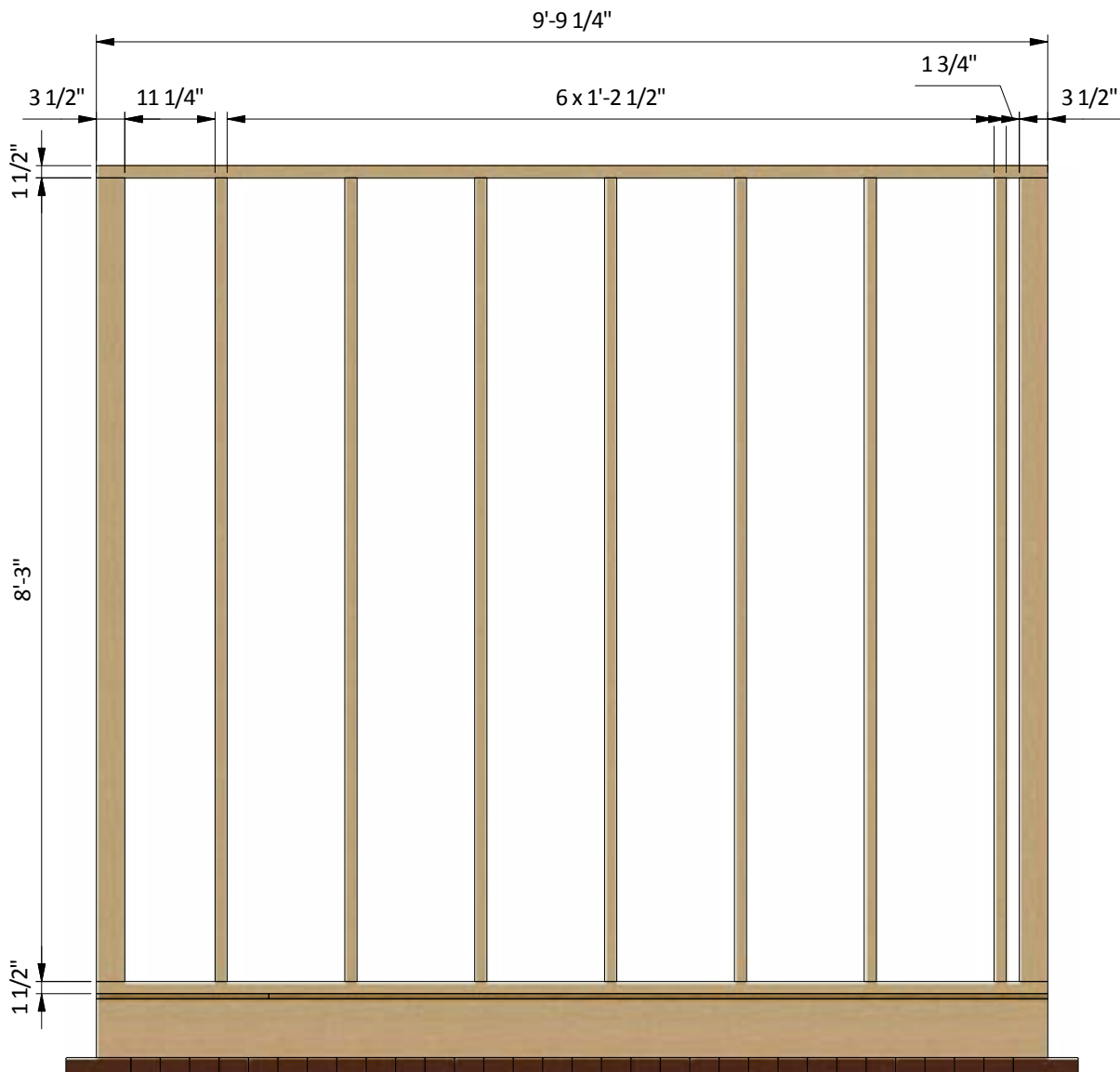
STEP 5

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 nine boards cut to 8'-3" that will be the studs and two boards cut to 9'-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°.



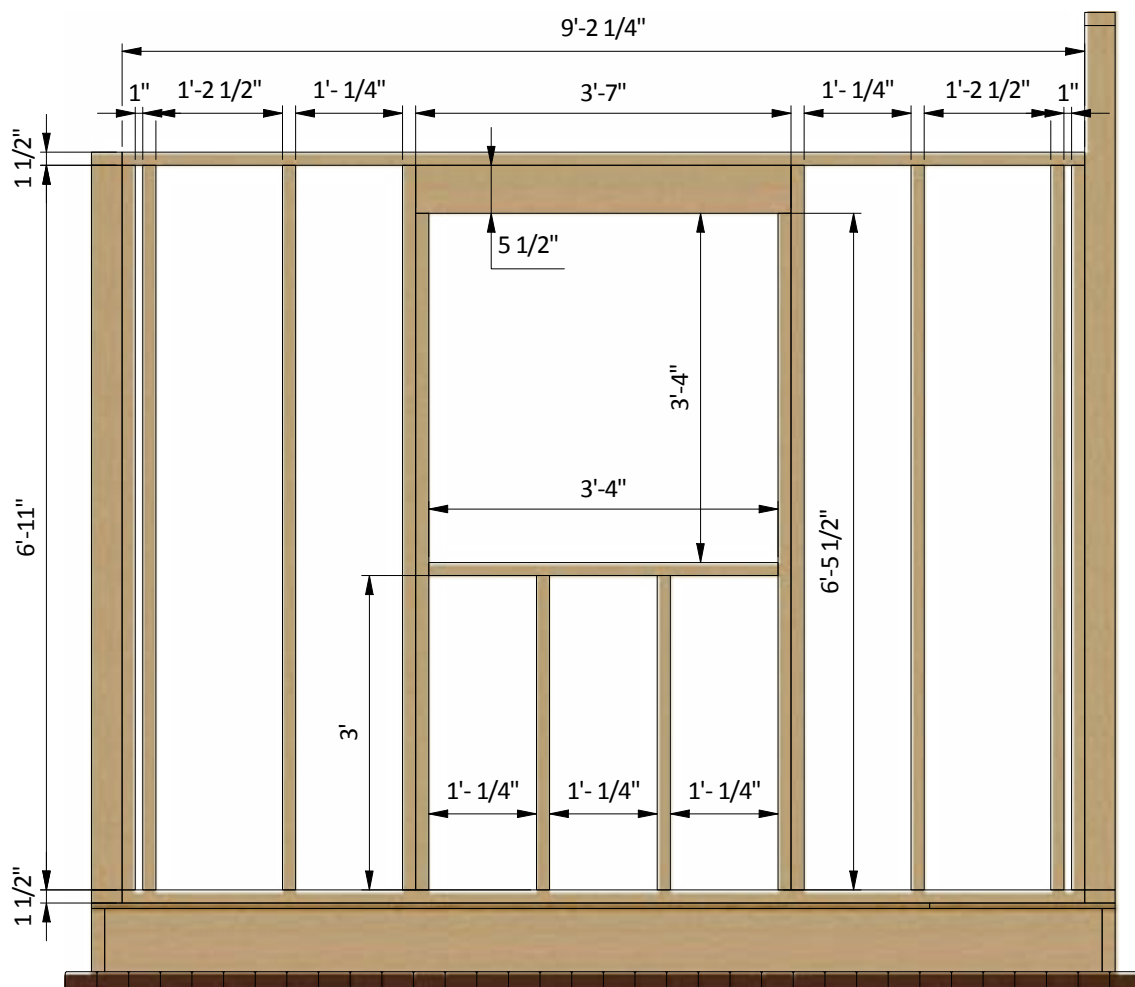
STEP 6

Assemble Side Wall Frames

6.1 Using 1 1/2" x 3 1/2" and 1 1/2" x 5 1/2" pressure-treated lumber, construct side wall frames using the drawing below as a reference. For each side wall you will need two boards cut to 3'-7" that will be the window header, one board cut to 3'-4" that will be rough sill, eight boards cut to 6'-11", two boards cut to 6'-5 1/2" and two boards cut to 3' that will be the studs and two boards cut to 9'-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°.

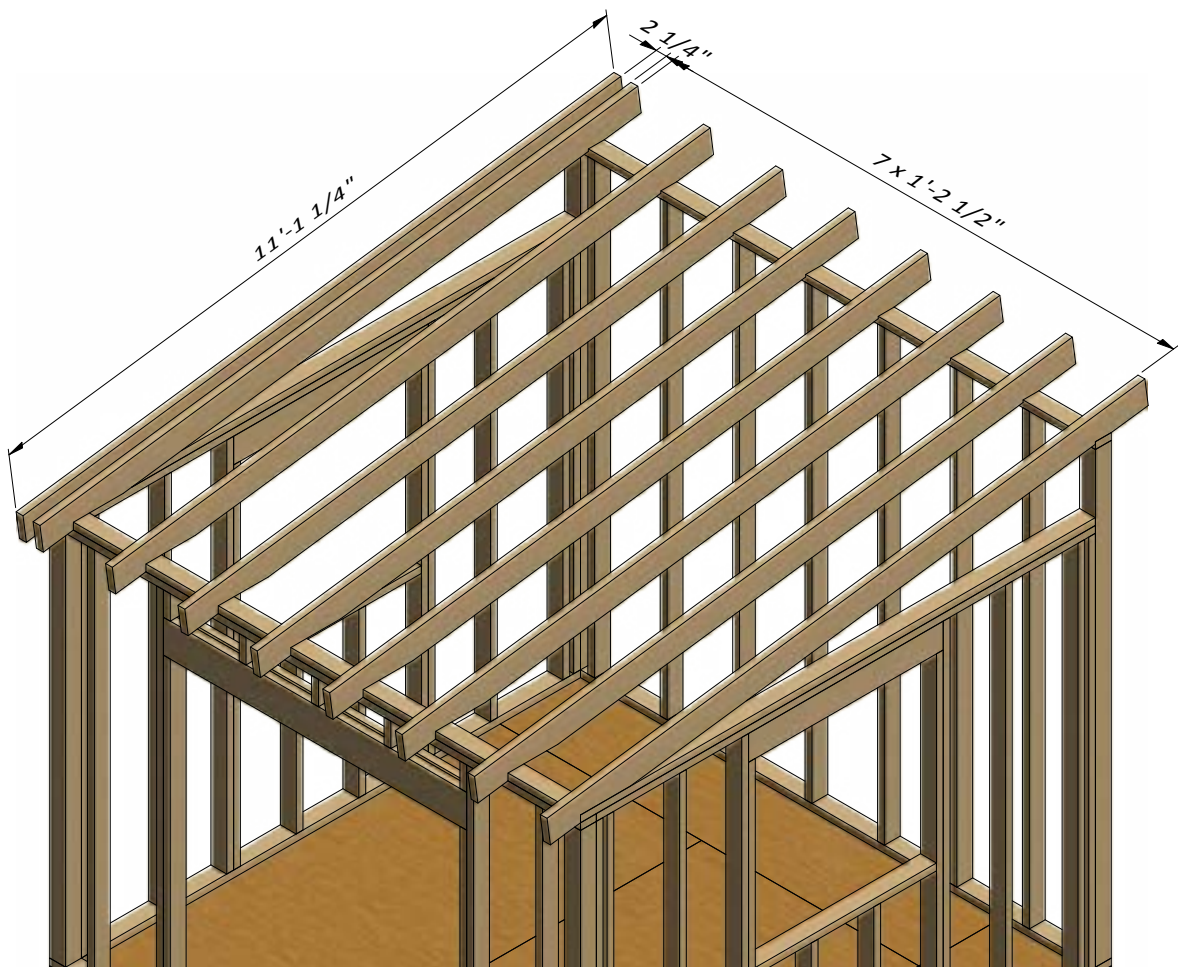


STEP 7

Assemble the Roof Frame

7.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut nine rafters 11'-1 1/4" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

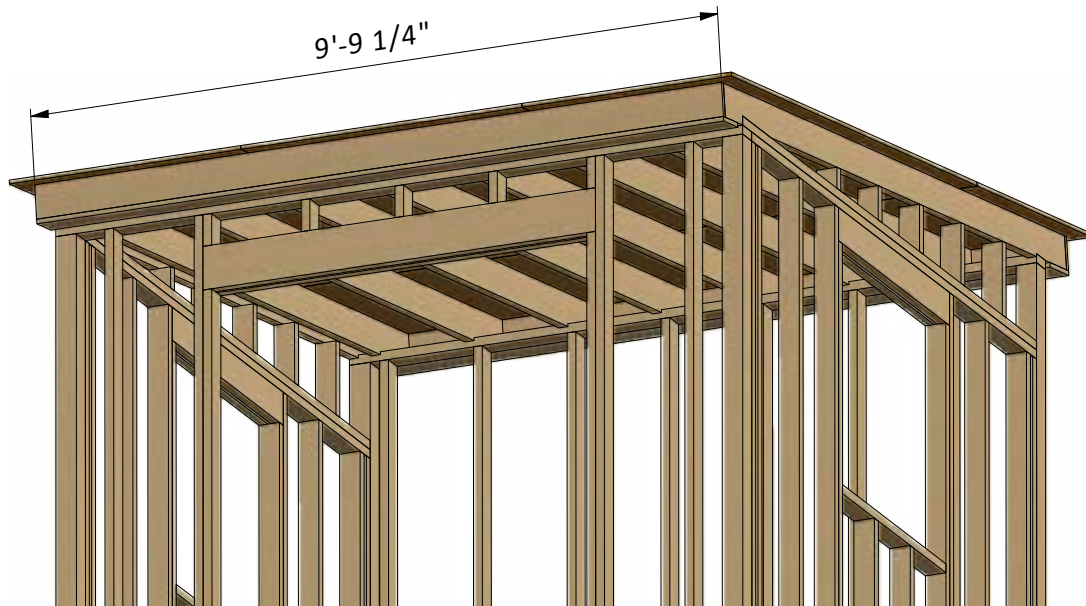
7.2 Connect the beams with a top frame with the help of 5" wood screws.



STEP 8

Assemble the Shed's Roof Fascias

8.1 Using 3/4" x 5 1/2" and 3/4" x 7 1/4" pressure-treated lumber, prepare four roof fascias 9'-9 1/4" long and install with 2" wood screws to the rafters from the front wall and back wall.



STEP 9

Assemble and Install Shed Doors

9.1 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.

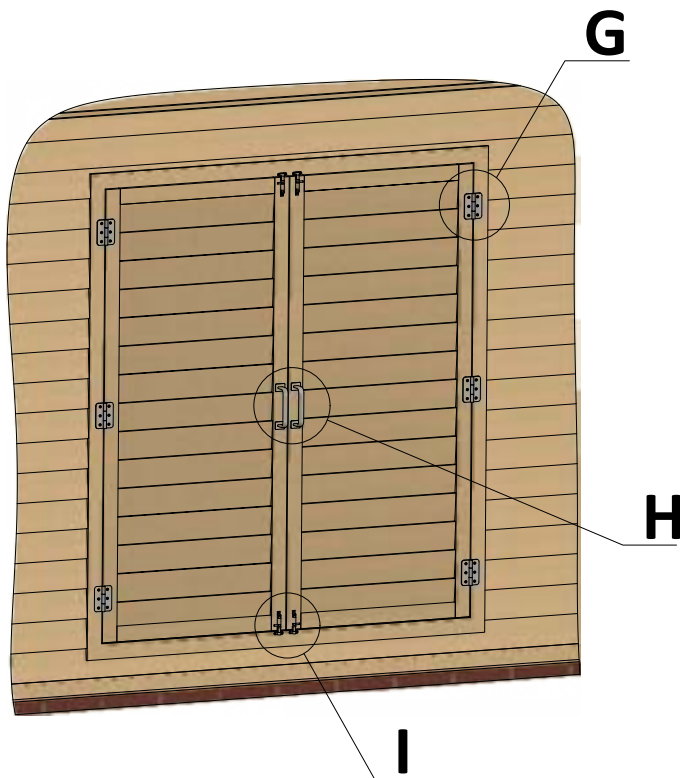
9.2 Prepare the 5/8" plywood sheet with dimensions 5'-11 3/4" x 2'-7 3/4" for the doors according to the drawing.

9.3 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".

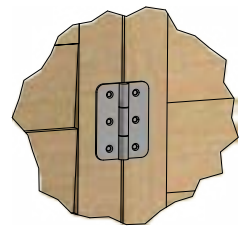
9.4 Using 1/4" x 3/4" pressure-treated lumber, cut and install a starter course 2'-2 3/4" long.

9.5 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.

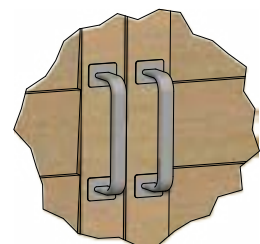
9.6 Install three 4" door hinges using 6x1" wood screws. Finish the doors installation by attaching 4" surface bolts and 6" door pulls (see nodes E, F, G).



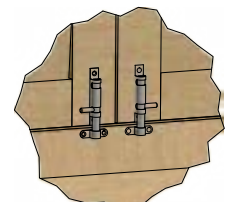
G (1 : 10)



H (1 : 10)



I (1 : 10)



STEP 10

Window Installation for the Left and Right Walls

It is necessary to prepare 2 windows.

10.1 Using 1 1/2" x 2 1/2" pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. You will need four boards cut to 3'-3 1/2" that will be the vertical and horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

10.2 Prepare and install 2'-11 1/4" x 2'-11 1/4" glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

10.3 Insert window into side wall openings and connect them with 8x2" wood screws to the wall beams.



STEP 11

Assemble and Install Window Shutters

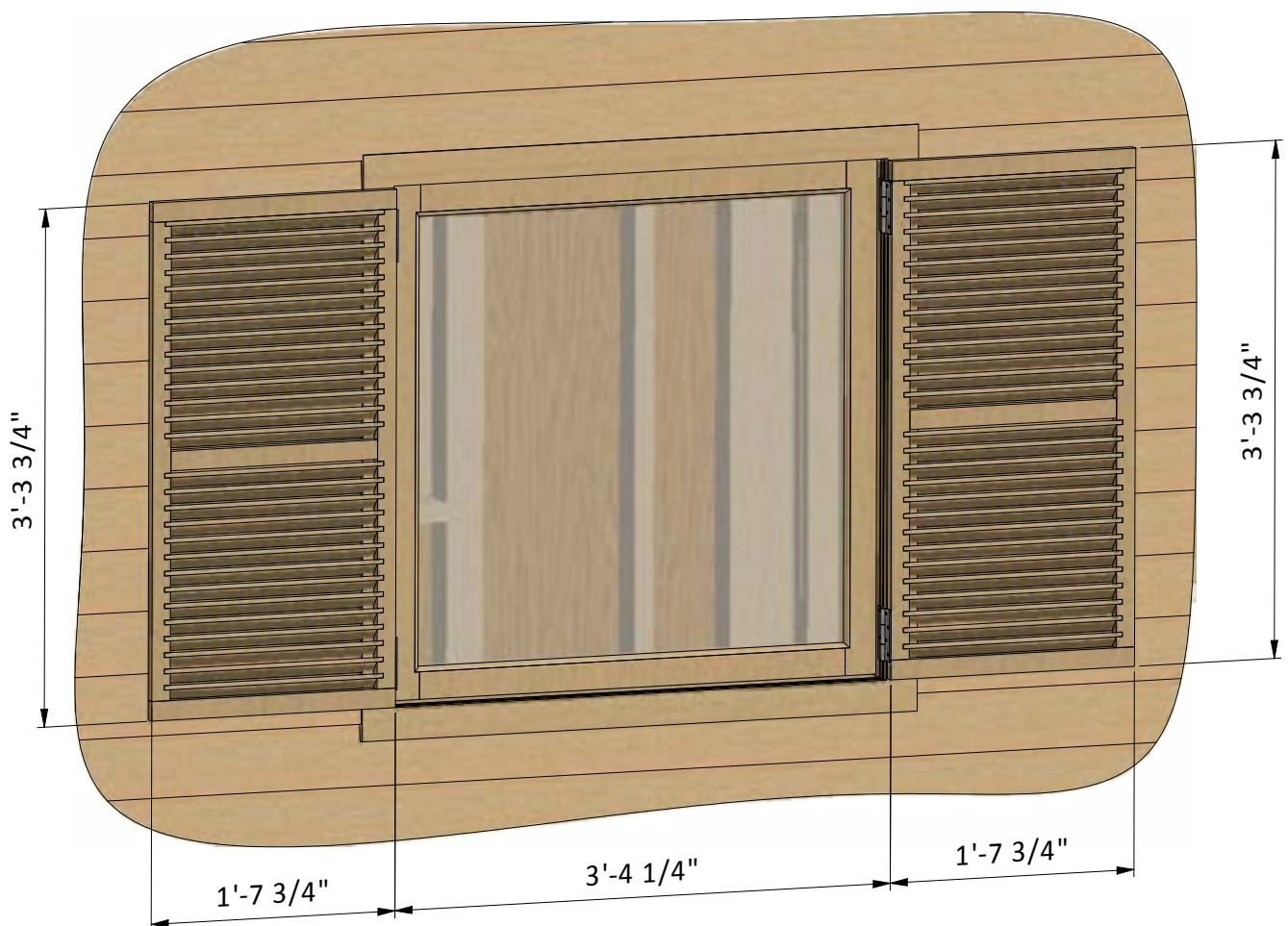
It is necessary to prepare 4 windows shutters.

11.1 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 $3'-3\frac{3}{4}"$ that will be the vertical girts and two boards cut to $1'-7\frac{3}{4}"$ that will be the horizontal girts.

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

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

11.4 Install two 3" door hinges using 6x1" wood screws.



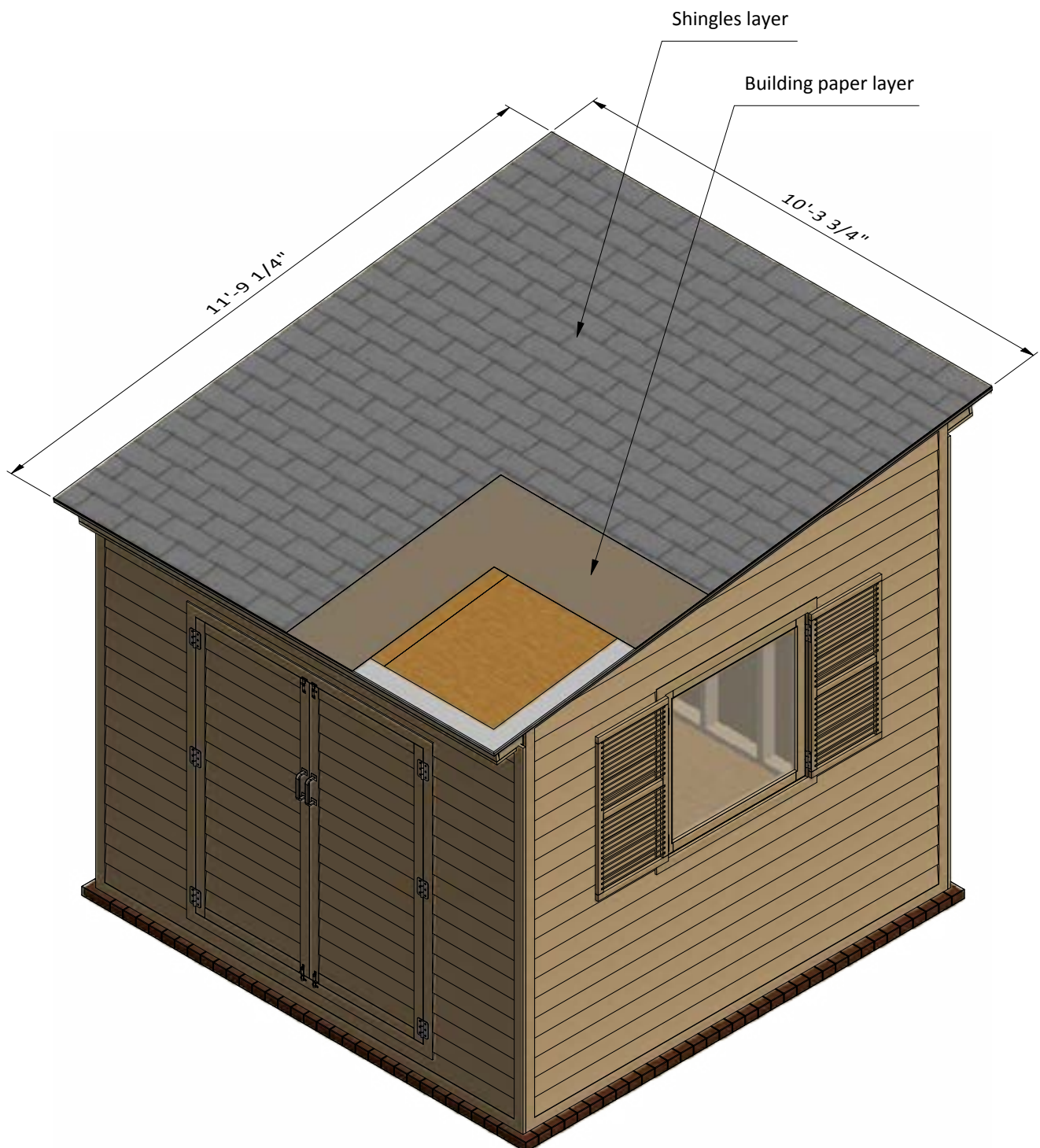
STEP 12

Roof Sheathing Installation

12.1 You will need 122 Sq Ft of building paper and asphalt shingle roofing.

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

12.3 Install asphalt shingle roofing using an industrial stapler.

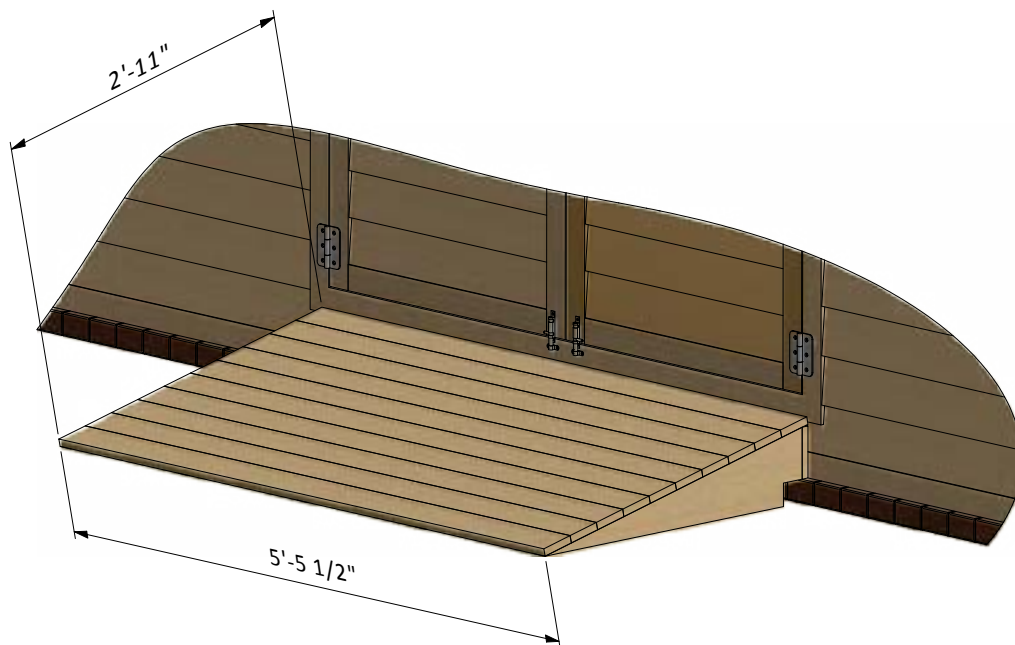


STEP 13

Assemble and Install Door Ramp

13.1 Using $3/4" \times 3\ 1/2"$, $3/4" \times 5"$, $1\ 1/2" \times 3\ 1/2'$ and $1\ 1/2" \times 7\ 1/4"$ 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.

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



STEP 14

Assemble and Install Decorative Door Shutters

It is necessary to prepare two shutters.

14.1 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 1'-5 1/2" that will be the horizontal girts.

14.2 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 1'-3 1/2" that will be the horizontal girts.

14.3 Use 3/4" x 3/4" pressure-treated lumber for the lattice. You will need twenty four boards cut to 2'-1 1/2", four boards cut to 1'-7", four boards cut to 1' and four boards cut to 4'-3/4". Assemble according to the drawing.



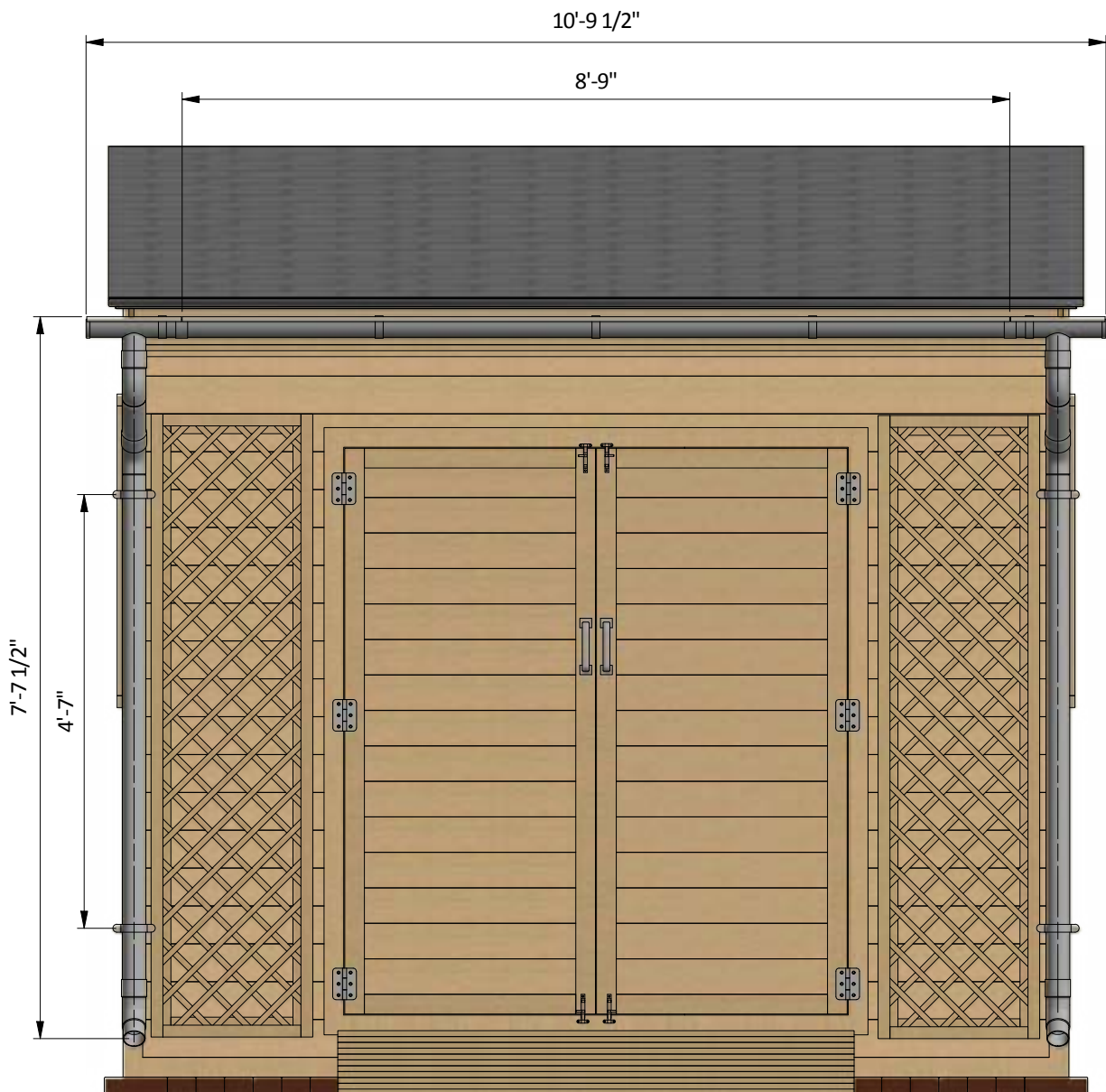
STEP 15

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'-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 hangers.

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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