ShedPlans®
.org

10'x14' 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	12	28
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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10'x14' 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 Window Shutter

- Pressure-Treated Lumber

Shed's Pergola

- Pressure-Treated Lumber

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Wood square louver gable vent
- Galvanized nails
- Wood screws

Drainage System

- Half round gutter
- End pieces with outlet
- 45° elbow
- Drainage pipe
- Joint connector
- End cap
- Round hunger
- Wall fastener

Door Ramp

- Pressure-Treated Lumber
- Plywood

STEP 1

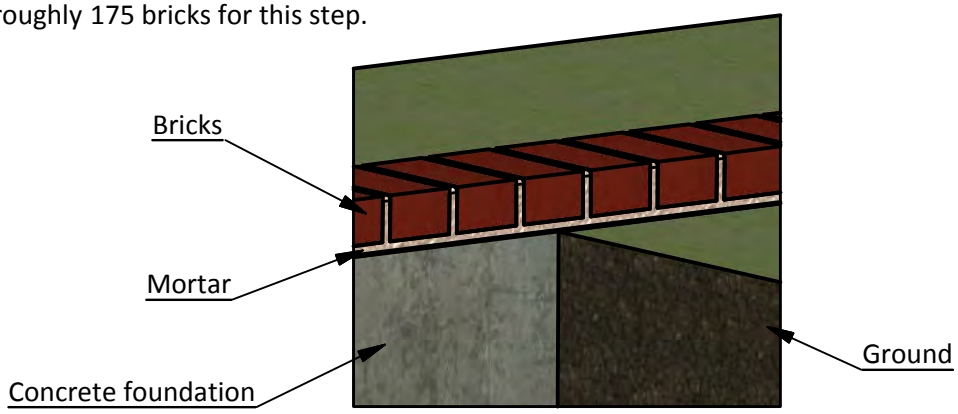
Foundation Preparation

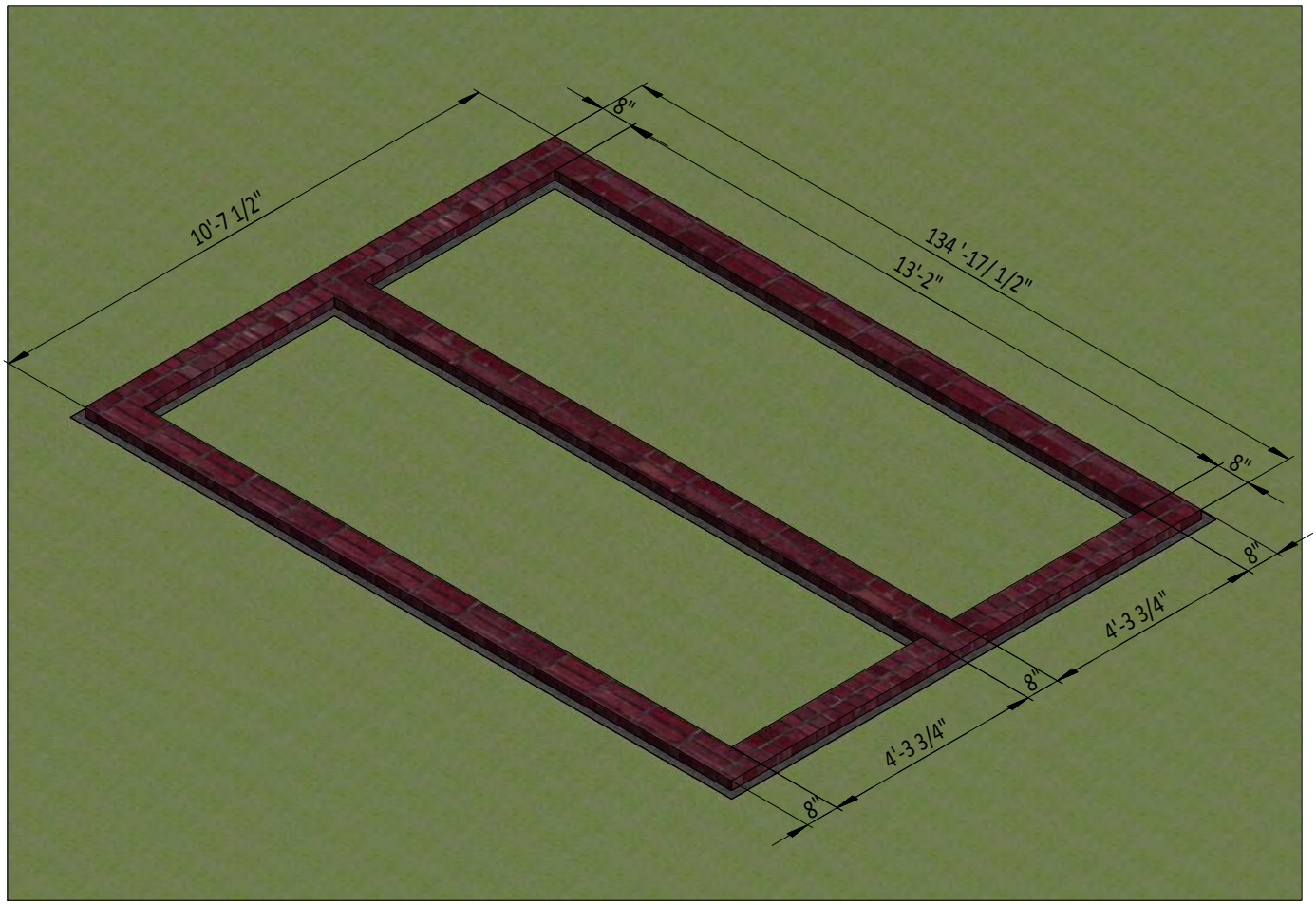
1.1 Clear the area where you want to build the shed and layout for the foundation. Use the below illustration as a guide.

1.2 For the foundation, dig the trenches at least 1' wide and 1' deep.

1.3 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.

1.4 Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 175 bricks for this step.





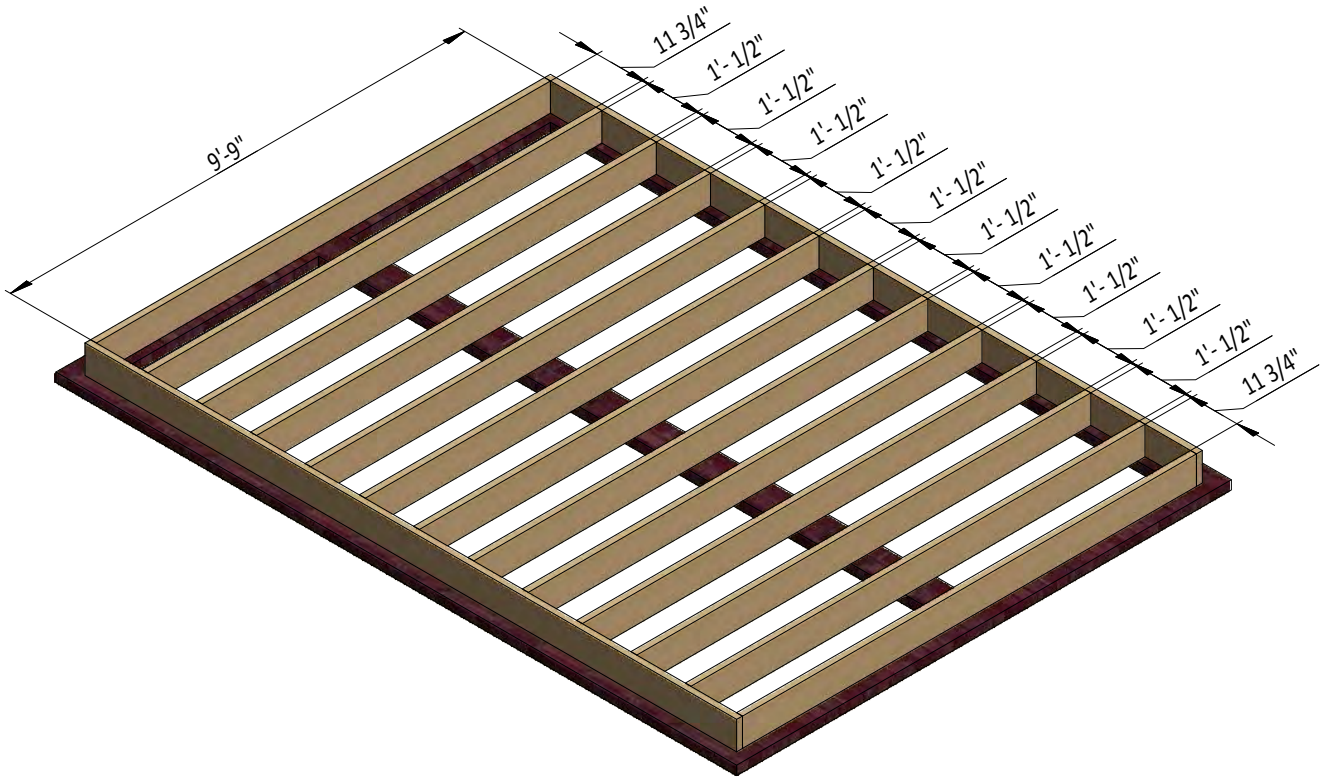
STEP 2

Framing the Floor

2.1 Use 1 1/2” x 7 1/4” pressure-treated lumber to make the frame for the floor. You will need 11 boards cut to 9'-9” for the floor joists.

2.2 Use 8x5" wood screws to fasten the joists to the frame.

2.3 Be sure to check the corners to make sure they are 90° after you've attached the joists.



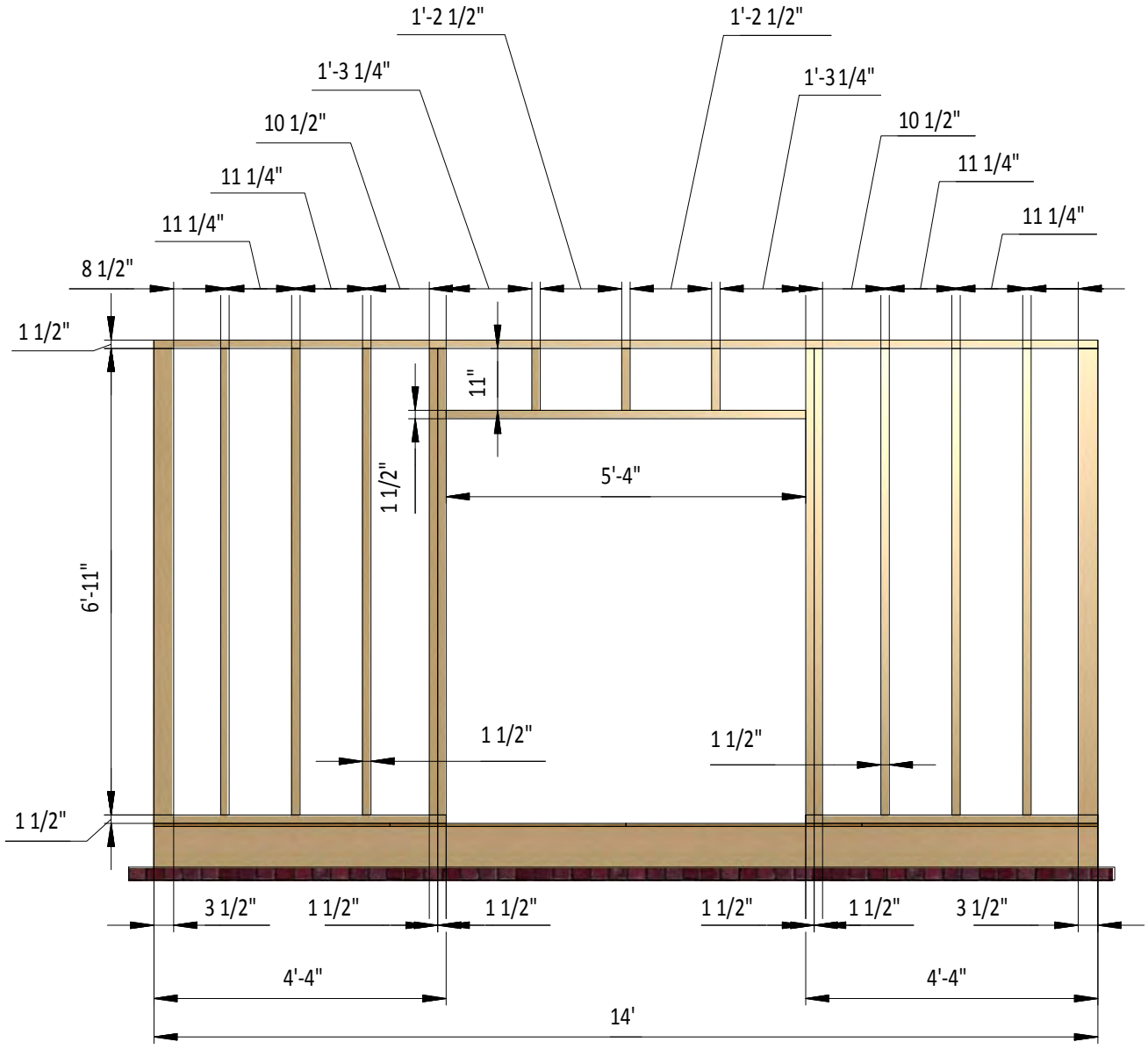
STEP 3

Assemble Front Wall Frame

3.1 Build the front wall frame using 1 1/2“ x 3 1/2“ and 3 1/2“ x 3 1/2“ treated lumber, using the drawing below as a reference. You will need three boards cut to 11" for the cripple studs; one board cut to 5'-4" for the door header; twelve boards cut to 6'-11" for the wall studs; two boards cut to 4'-4" to use as the bottom plates; and one board cut to 14' that will be the top plate.

3.2 Connect the beams with 2x4" Phillips flat head wood screws.

3.3 Check every corner to make sure each is 90°.



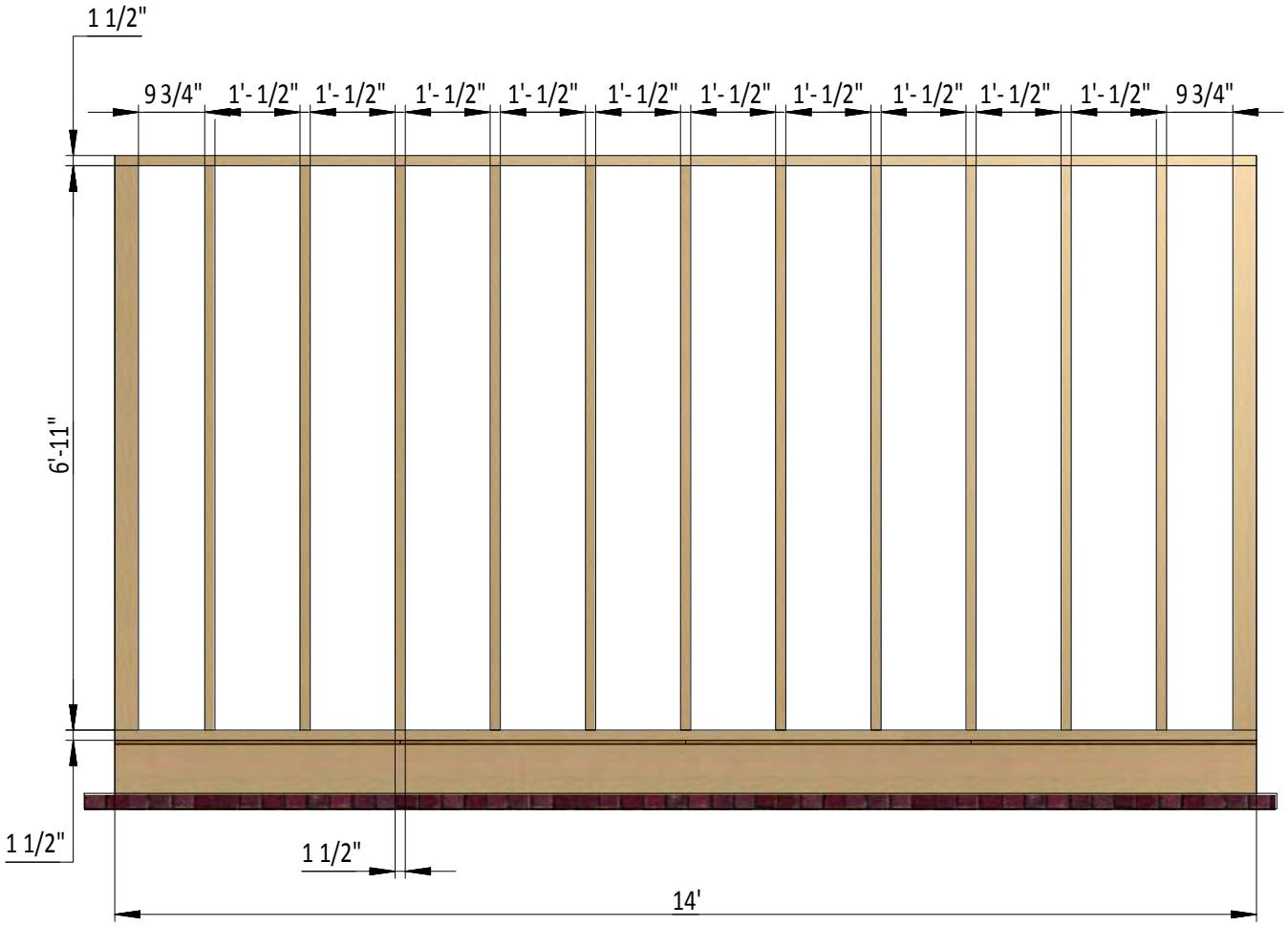
STEP 4

Assemble Back Wall Frame

4.1 Construct the back wall frame using 1 1/2“ x 3 1/2“ and 3 1/2“ x 3 1/2“ treated lumber using the drawing below as a reference. You will need 11 boards cut to 6'-11" that to use as the wall studs and two boards cut to 14' that for the top and bottom plates.

4.2 Join all the beams with 2x4" Phillips flat head wood screws.

4.3 Use a square of your choice to check the corners to make sure they are 90°.



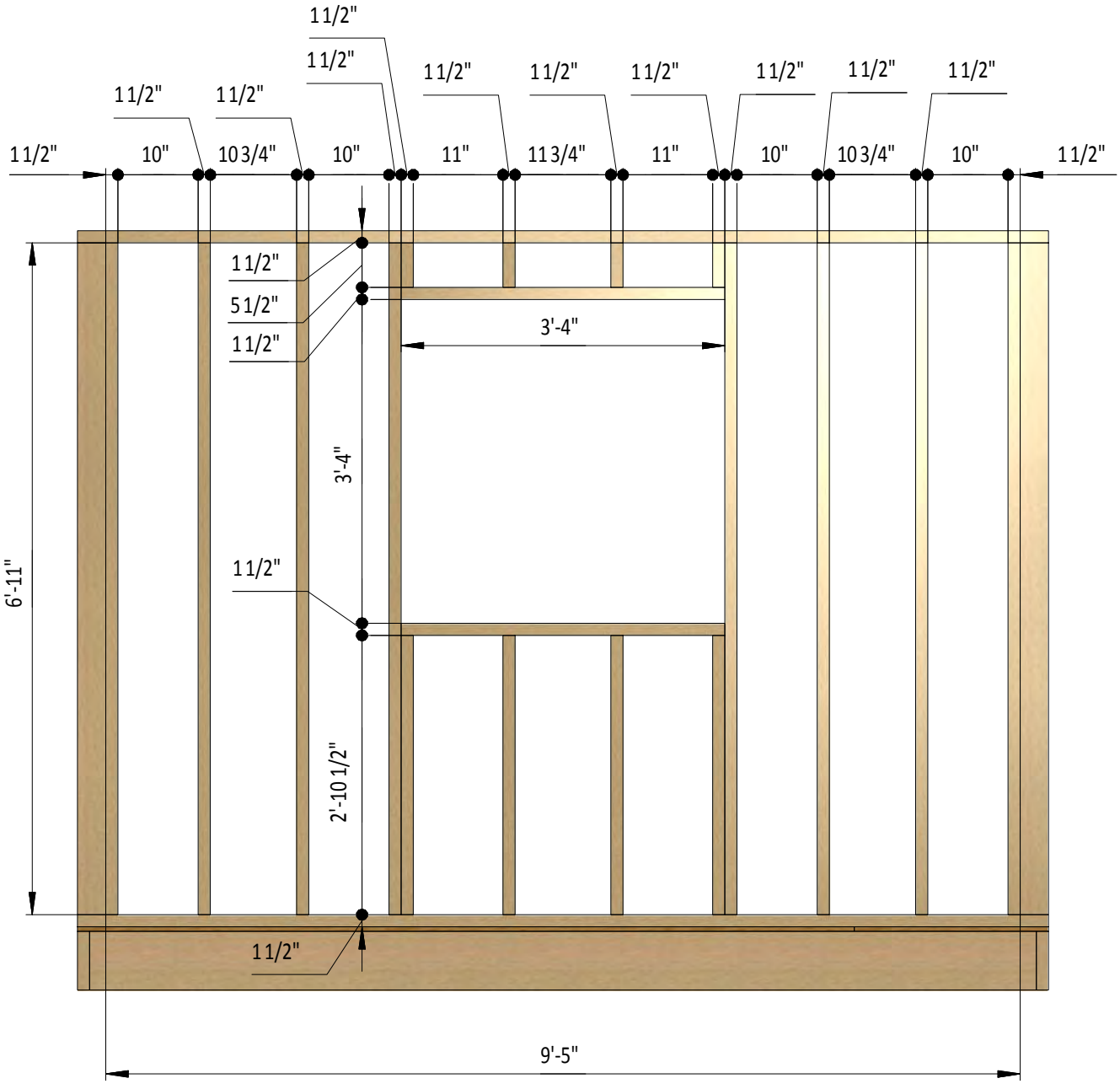
STEP 5

Assemble Left and Right Wall Frames

5.1 Using 1 1/2“ x 3 1/2“ pressure-treated lumber, make the side wall frames using the drawing below as a guide. Cut four boards to 5 1/2" to use as the cripple studs; cut four boards cut to 2'-10 1/2" for the wall studs; cut two boards cut to 3'-4" for the window header and rough sill; eight boards cut to 6'-11" for the wall studs and two boards cut to 9'-5" to use as the top and bottom plates.

5.2 Assemble the parts with 2x4" Phillips flat head wood screws.

5.3 Check the corners to make sure they are 90° using the square of your choice.



STEP 6

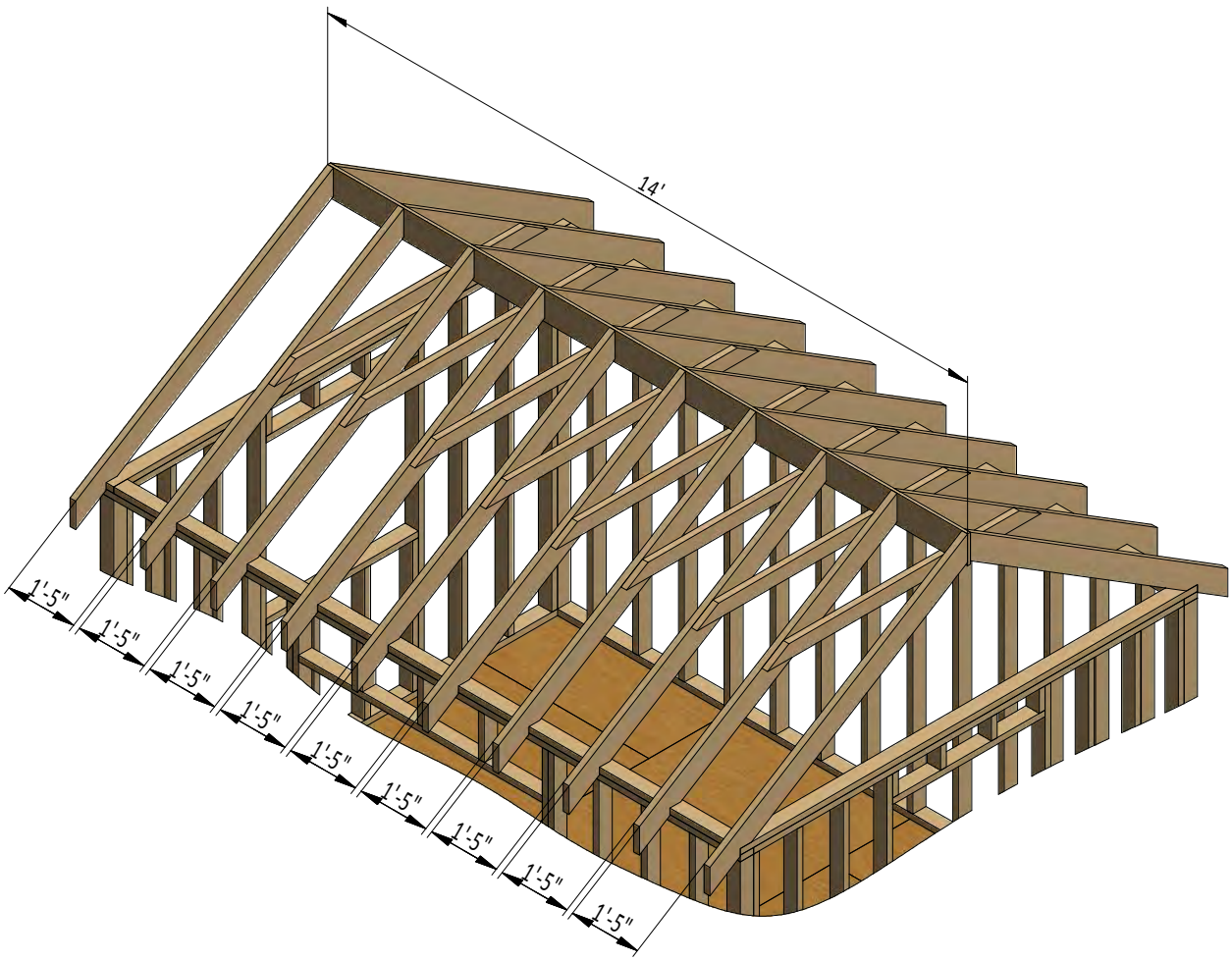
Assemble the Roof Frame

6.1 Cut twenty rafters 6'-11" long with 1 1/2 “ x 5 1/2 “ pressure-treated lumber, according to the dimensions.

6.2 Using 1 1/2 “ x 3 1/2 “ treated lumber, cut eight collar ties 5'-11 3/4" long based on the dimensions.

6.3 Cut the ridge board to 14' long using 3/4 “ x 7 1/4 “ pressure-treated board as shown in the illustration below.

6.4 Fasten the beams together with 2x3" flat head Phillips wood screws.



STEP 7

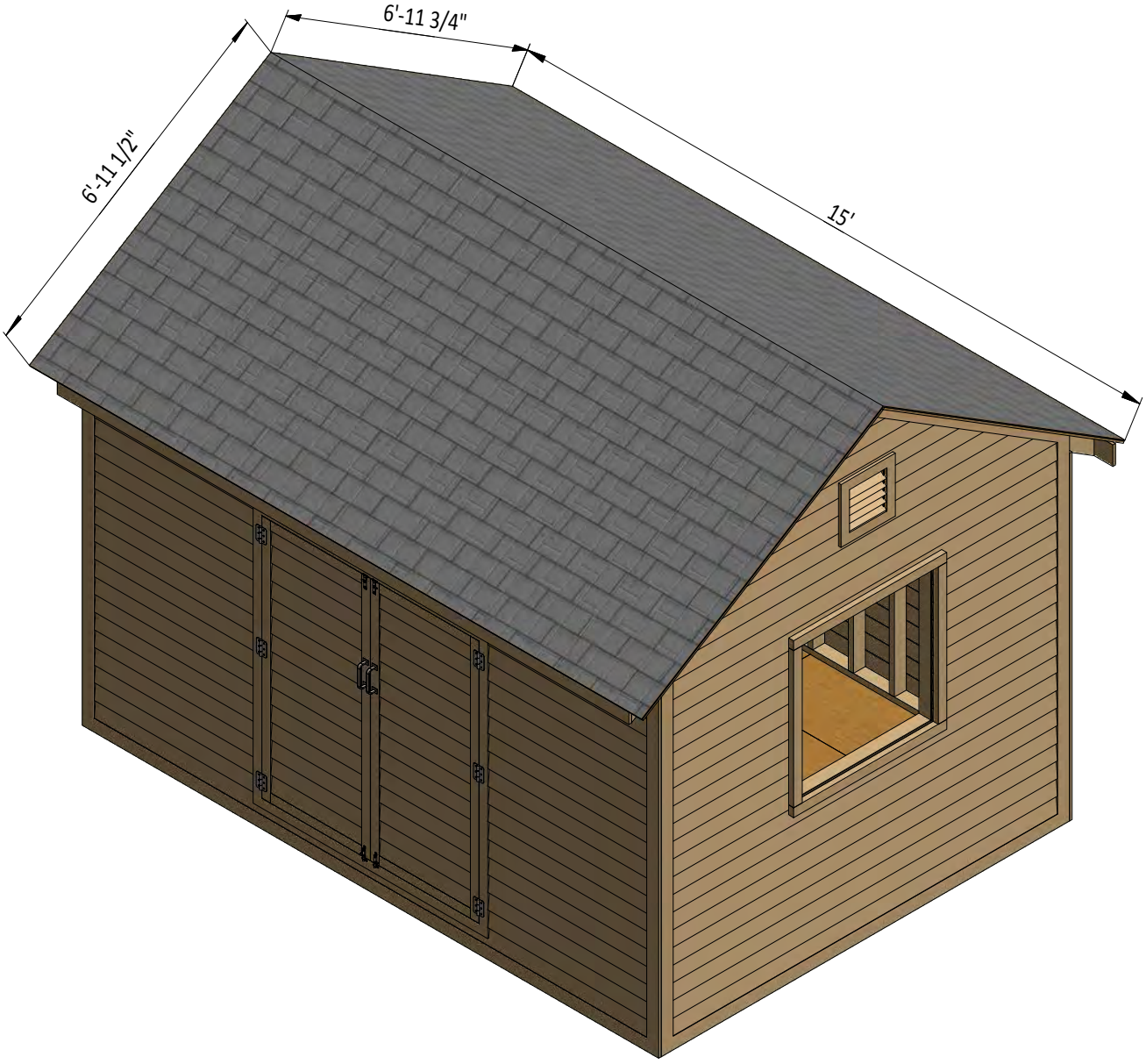
Roof Sheathing Installation

7.1 You will need 210 square feet of asphalt shingle roofing.

7.2 Add the metal drip edges to the fascias.

7.3 Cover the plywood with roofing felt, paper or building paper.

7.4 Use a heavy duty stapler or hammer and roofing nails to install the shingles.



STEP 8

Assemble and Install Window Shutters

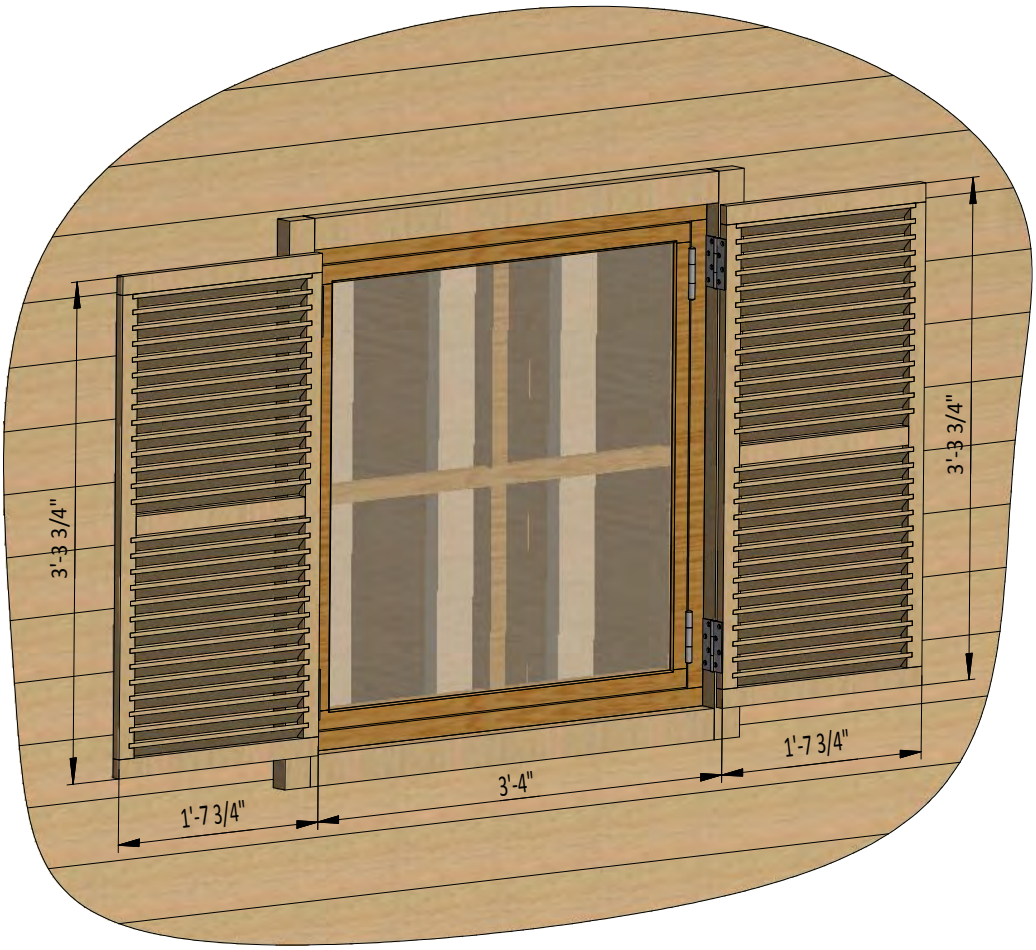
This pan uses four shutters to frame the two windows.

8**.1** Make the shutter frames using 3/4 " x 1 1/2 " treated lumber and secure with 3" Phillips wood screws. You will need one board cut to 1'-4 3/4" two boards cut to 3'-3/4" for the vertical girts and two boards cut to 1'-7 3/4" for the horizontal girts.

8.2 Mill a recess along the vertical girts for the slats.

8.3 Use 1/4 " x 1 1/2 " treated lumber for the 22 slats cut to 1'-5 3/4".

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



STEP 9

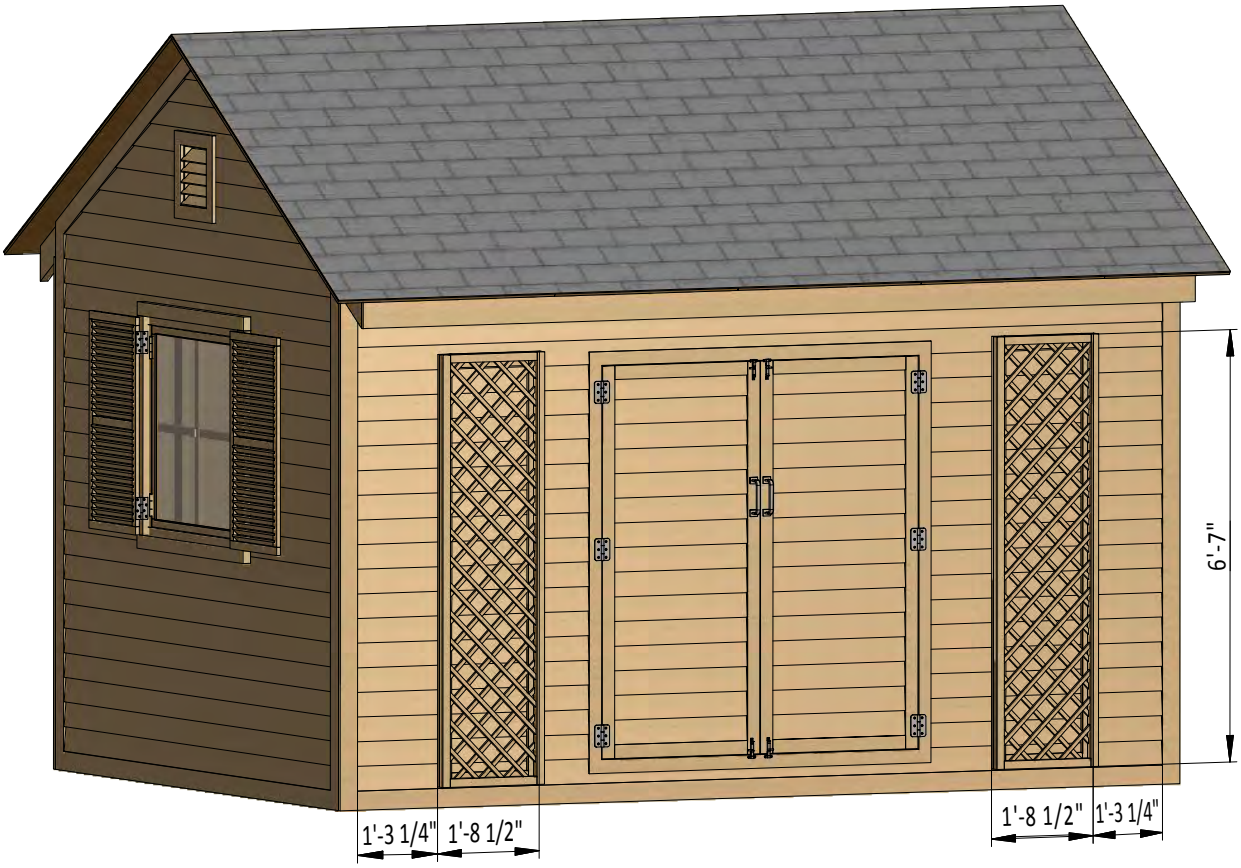
Assemble and Install Pergolas

This plan uses prepare pergola-style shutters that hang on each side of the door.

9.1 Assemble front frame using 1 1/2 " x 1 1/2 " treated lumber and attach with 3" Phillips wood screws. You will need two boards cut to 6'-7" for the vertical girts and two boards cut to 1'-5 1/2" to use as the horizontal girts.

9.2 Assemble back frame using 3/4" x 2 1/2 " treated lumber and secure with 5" Phillips wood screws. You will need two boards cut to 6'-7" to use as the vertical girts and two boards cut to 1'-3 1/2" for the horizontal girts.

9.3 Use 3/4 " x 3/4 " pressure-treated lumber for the lattice. You will need 36 boards cut to 2'-3/4". Assemble according to the drawing.



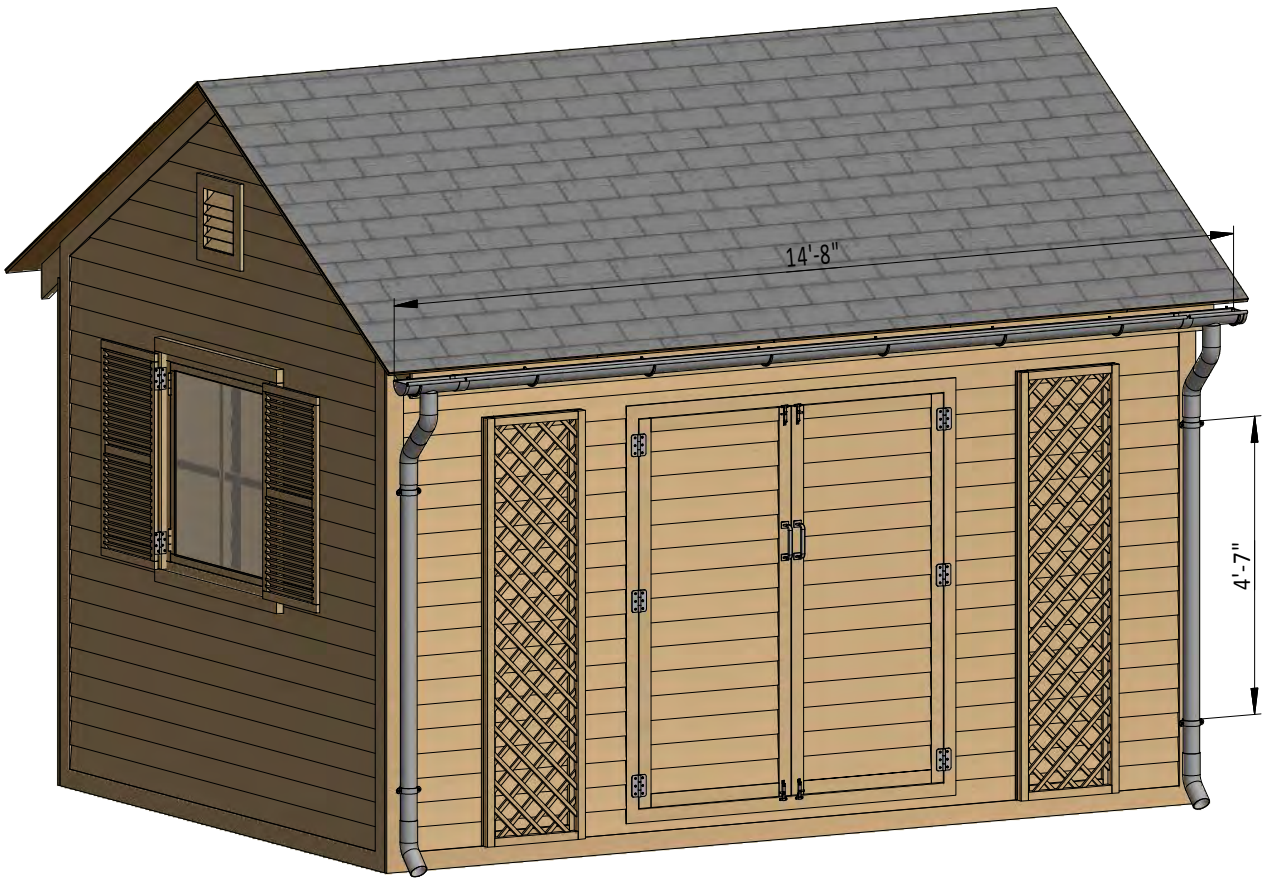
STEP 10

Assemble and Install Roof Drainage System

10.1 Assemble the gutter drainage system on the front fascia board.
You will need 5" half round gutter 12'-7" long; two end pieces with the outlet; six 45° elbows, two 3" pipes 6' long; two joint connectors and two end caps.

10.2 Fasten the round gutter to the fascia with the round hangers.

10.3 Fasten the vertical pipe sections with the four wall fasteners at even intervals.



STEP 11

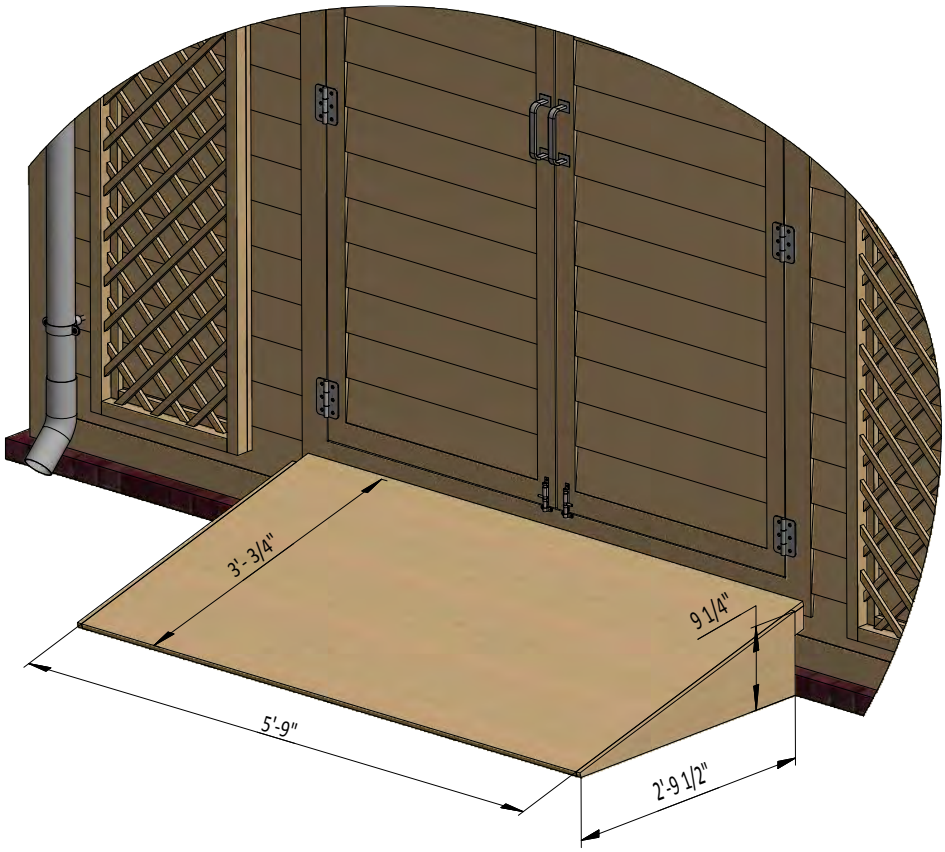
Assemble and Install Door Ramp

11.1 Make the five door ramp frames from treated lumber and secure with 3x5” flat head Phillips 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".

11.2 Secure all the frames using one 1 1/2" x 2 1/2" board 5'-9" long and 3” Phillips wood screws.

11.3 Cut the 9/16" plywood sheet to 3'-3/4" x 5'-9" for the top plane and two sheets to 9 1/4" x 2'-9 1/2" for the sides.

11.4 Assemble siding shields with 2" galvanized nails.



STEP 12

Shed Decoration

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

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