ShedPlans®
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8'x10' Storage 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	9	20
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' Storage 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

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Door hinges
- Door pulls
- Surface bolt
- Galvanized nails
- Wood screws

STEP 1

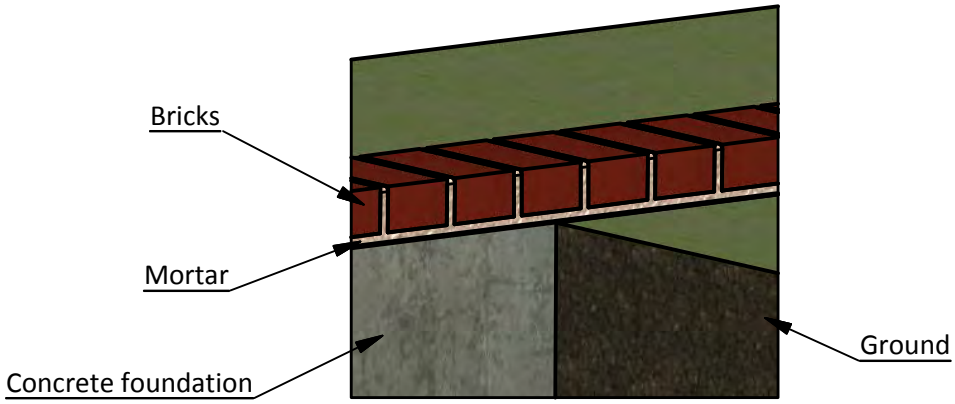
Foundation Preparation

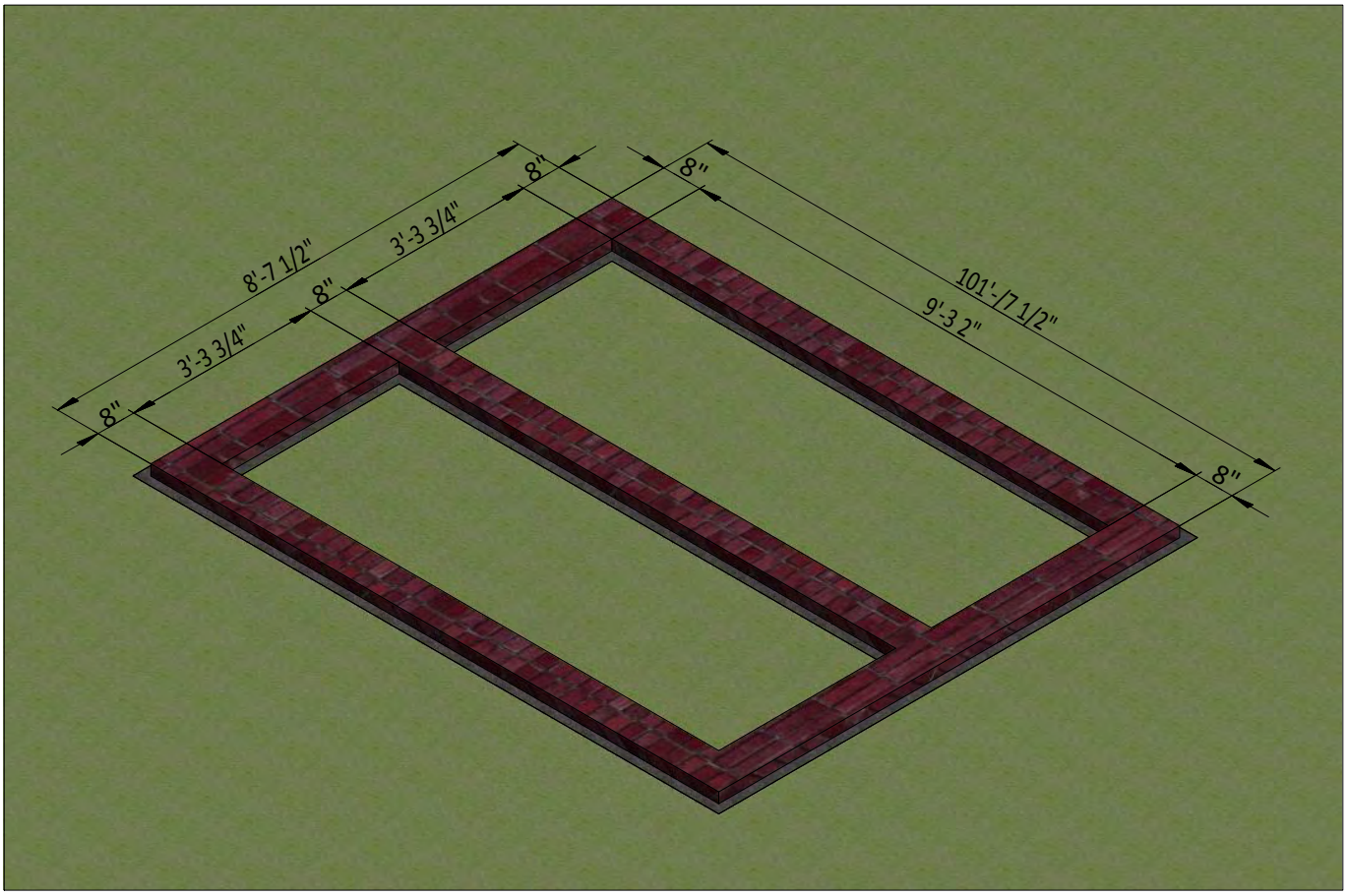
1.1 Clear the area where you want to build the shed and layout for the foundation. Use the below illustration as a guide.

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 120 bricks for this step.





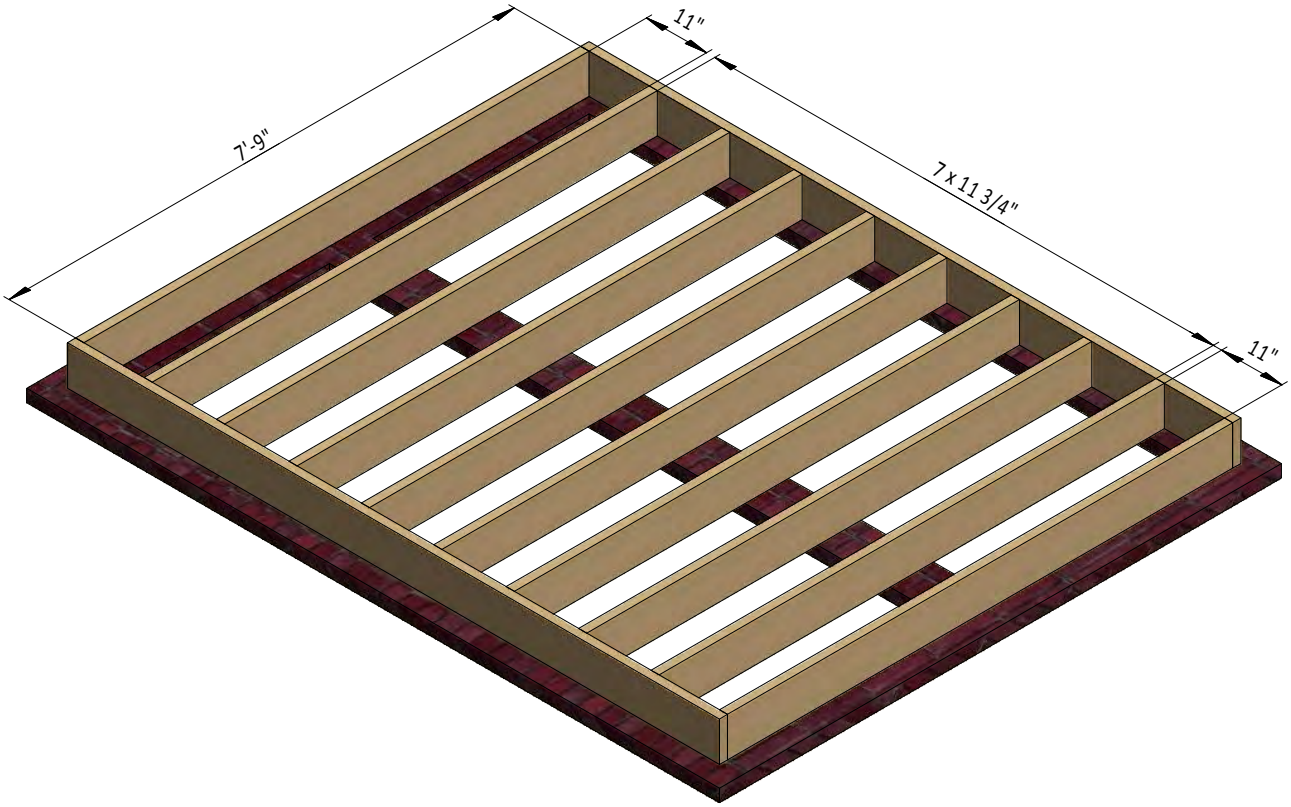
STEP 2

Framing the Floor

2.1 Make the frame with 1 1/2” x 7 1/4” pressure-treated lumber. You will need eight boards cut to 7'-9" for the floor joists.

2.2 Attach the beams with 8x5" Phillips flat head wood screws.

2.3 Using the square of your choice, check the corners to make sure they are 90°.



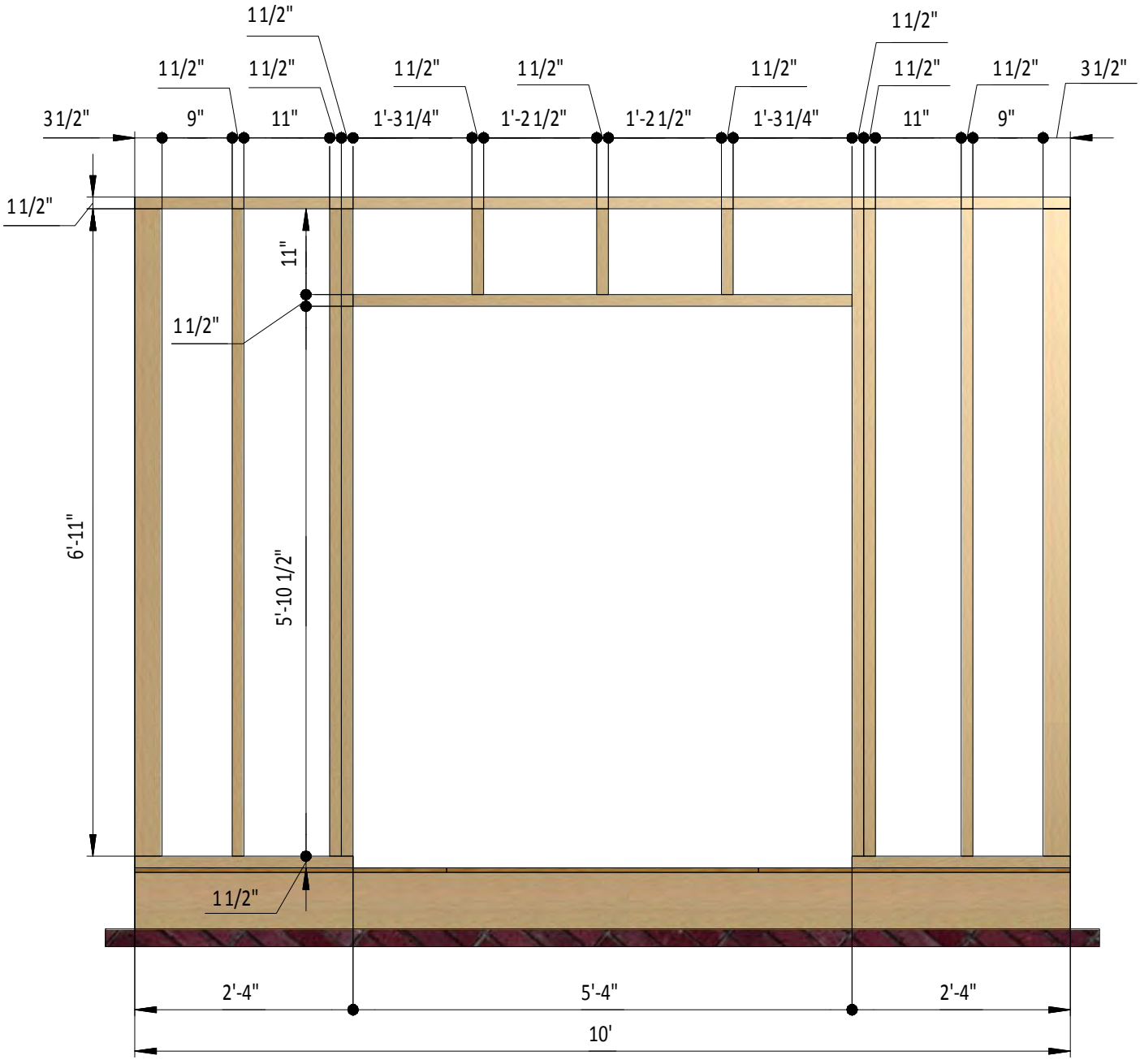
STEP 3

Assemble Front Wall Frame

3.1 Use 1 1/2“ x 3 1/2“ and 3 1/2“ x 3 1/2“ treated lumber to construct front wall frame using the diagram as a reference. You will need three boards cut to 11" to use as the cripple studs, one board cut to 5'-4" for the door header, eight boards cut to 6'-11" for the studs, two boards cut to 2'-4" for the bottom plates and one board cut to 10' to use as the top plate.

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

3.3 Be sure that each corner is exactly 90°.



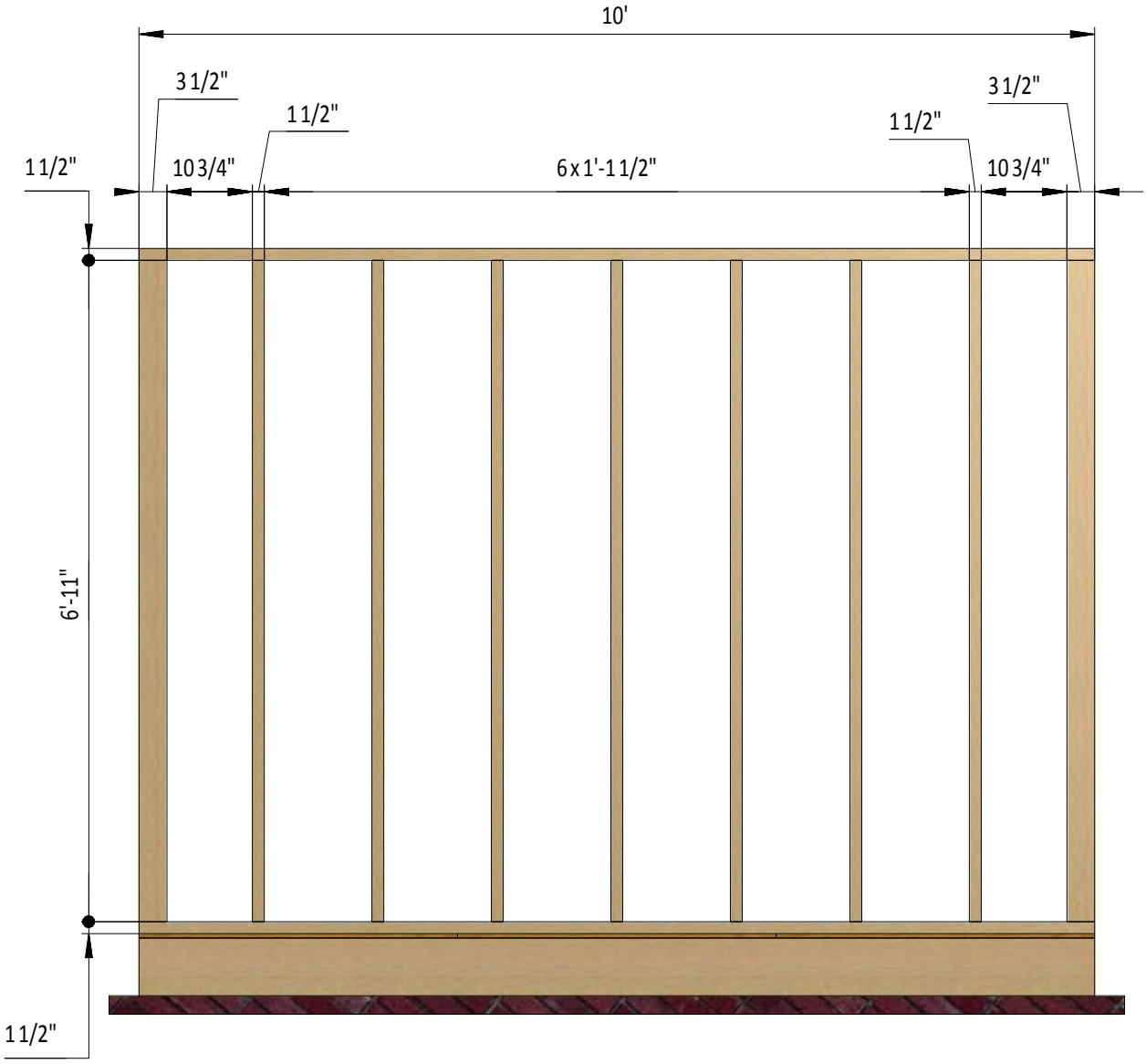
STEP 4

Assemble Back Wall Frame

4.1 Build 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 as a reference. You will need nine boards cut to 6'-11" for the studs and two boards cut to 10' for the top and bottom plates.

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

4.3 Check the corners to make sure they are 90° to keep the building square.



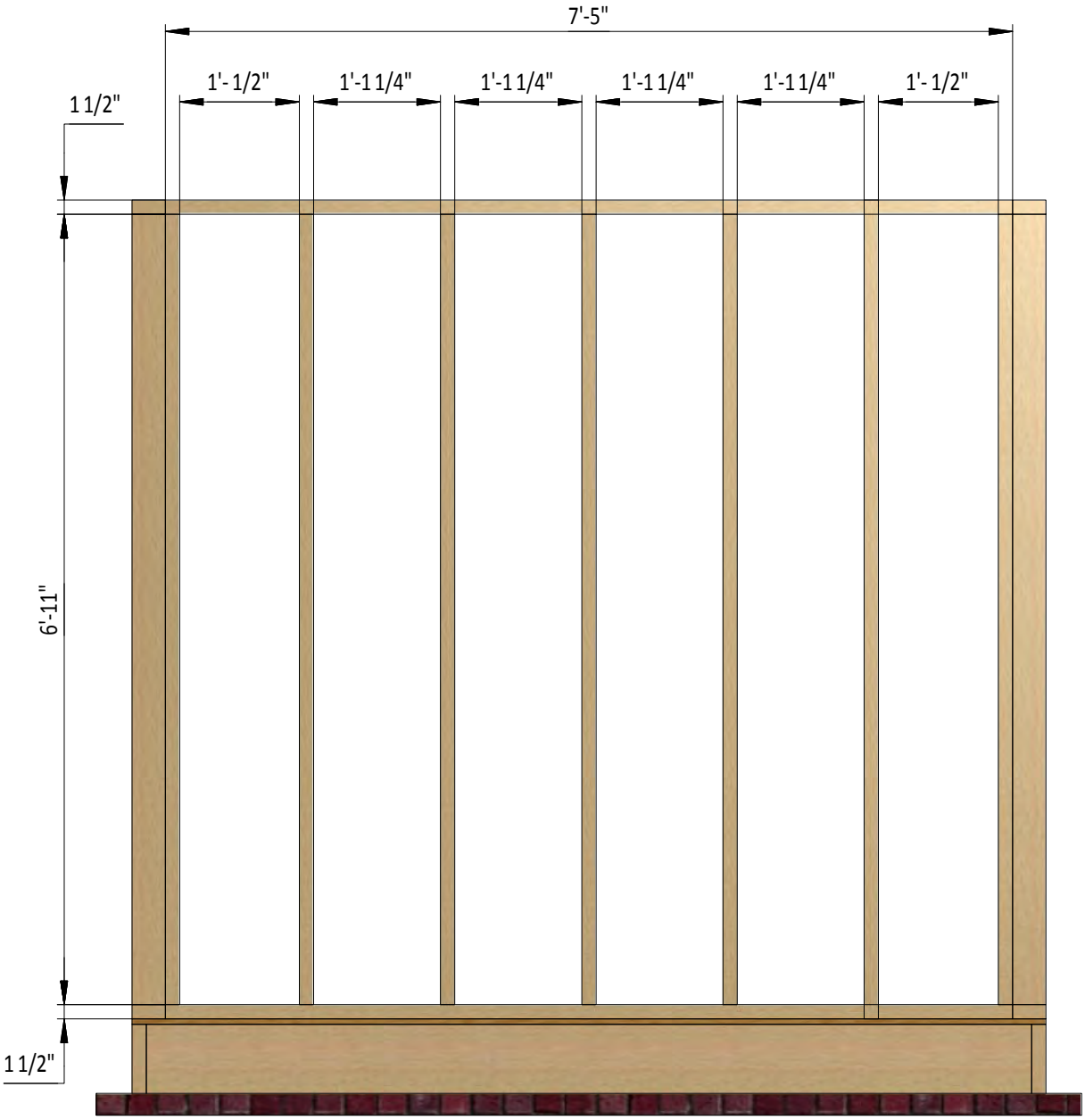
STEP 5

Assemble Left and Right Wall Frames

5.1 Construct the wall frames using 1 1/2“ x 3 1/2“ treated lumber and the drawing below as a reference. You will need seven boards cut to 6'-11" for the studs and two boards cut to 7'-5" to use as the top and bottom plates.

5.2 Screw the beams together with 2x4" flat head Phillips wood screws.

5.3 Using the square of your choice, check the corners to make sure they are 90°.



STEP 6

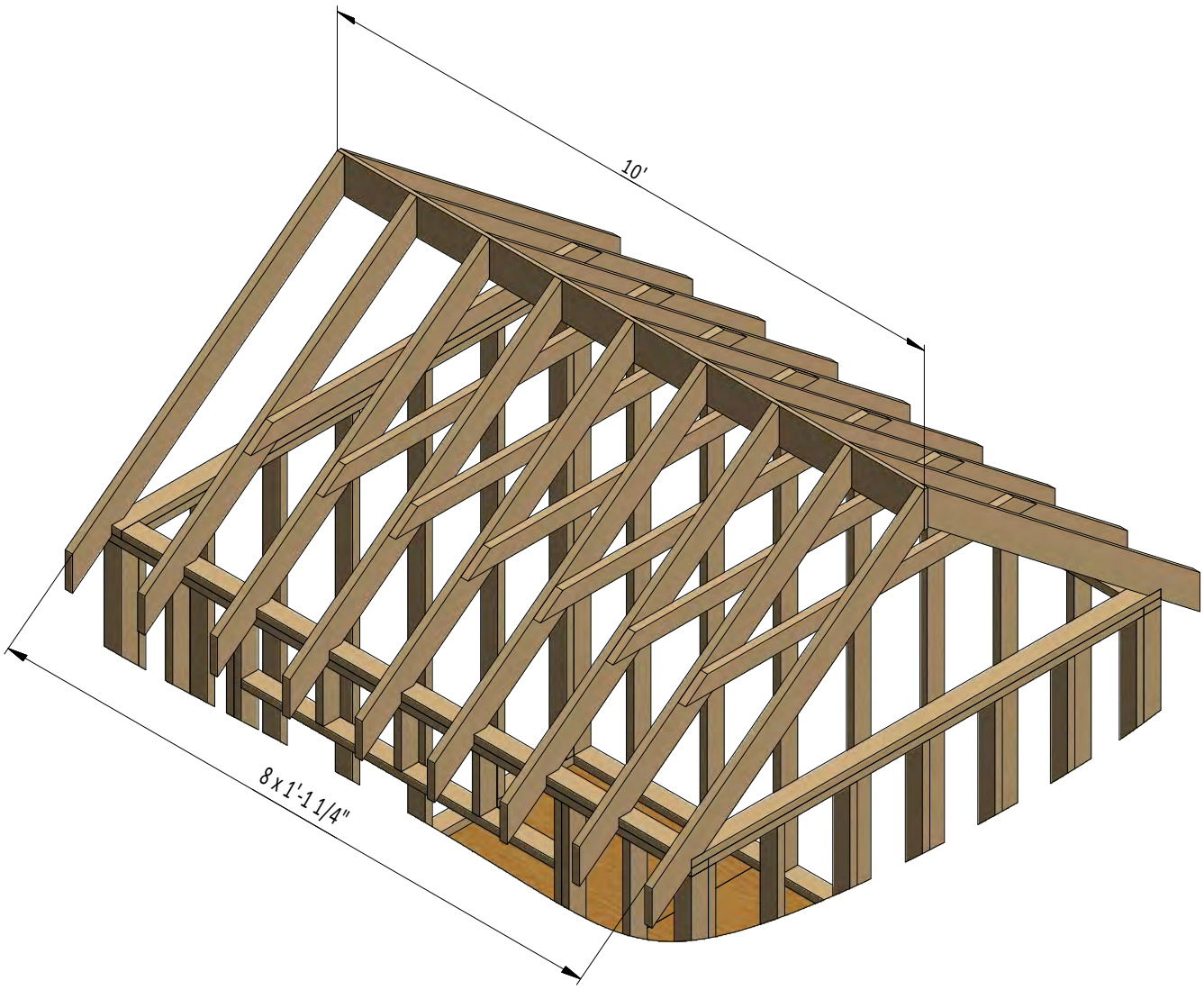
Assemble the Roof Frame

6.1 Using 1 1/2 “ x 5 1/2 “ treated lumber, cut 18 rafters 5'-10 1/4" long according to the dimensions.

6.2 Using 1 1/2 “ x 3 1/2 “ pressure-treated lumber, cut seven collar ties 5'-11 3/4" long according to the dimensions.

6.3 Using 3/4 “ x 7 1/4 “ pressure-treated board, cut the ridge board 10' long according to the illustration below.

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



STEP 7

Assemble and Install Shed Doors

7.1 Build the door frames for the shed using 1 1/2 " x 3 1/2 " treated lumber and secure with 5" flat head wood screws. You will need two boards cut to 5'-11 3/4" for the vertical girts and two boards cut to 2'-3/4" to use as the horizontal girts.

7.2 Cut a 9/16" plywood sheet into two pieces for the doors that measure 2'-7 3/4" x 5'-11 3/4" The layout is shown in the drawing below.

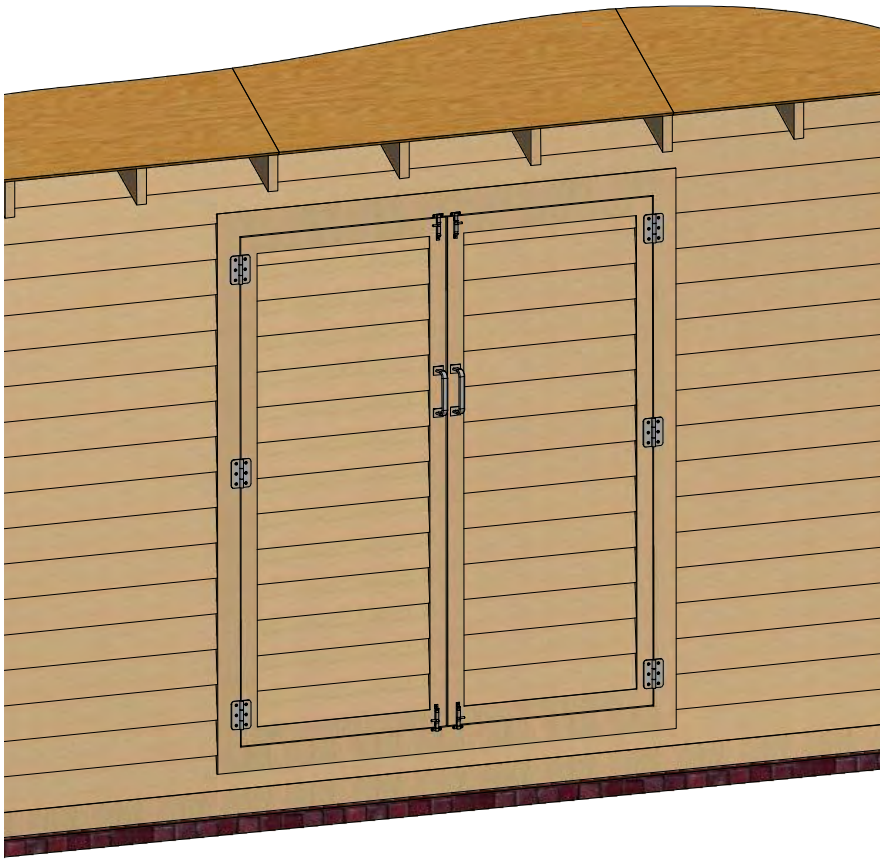
7.3 Use 2 1/2 " x 3/4 " treated lumber for the door trim and fasten with it with 2" flat head wood screws. You will need two boards cut to 2'-2 3/4" and two boards cut to 5'-11 3/4".

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

7.5 Use 1/2 " x 6" wood siding boards for the exterior siding on the door as shown below.

7.6 Assemble siding shields with 2" galvanized nails.

7.7 Install three 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching 4" surface bolts and 6" door pulls.



STEP 8

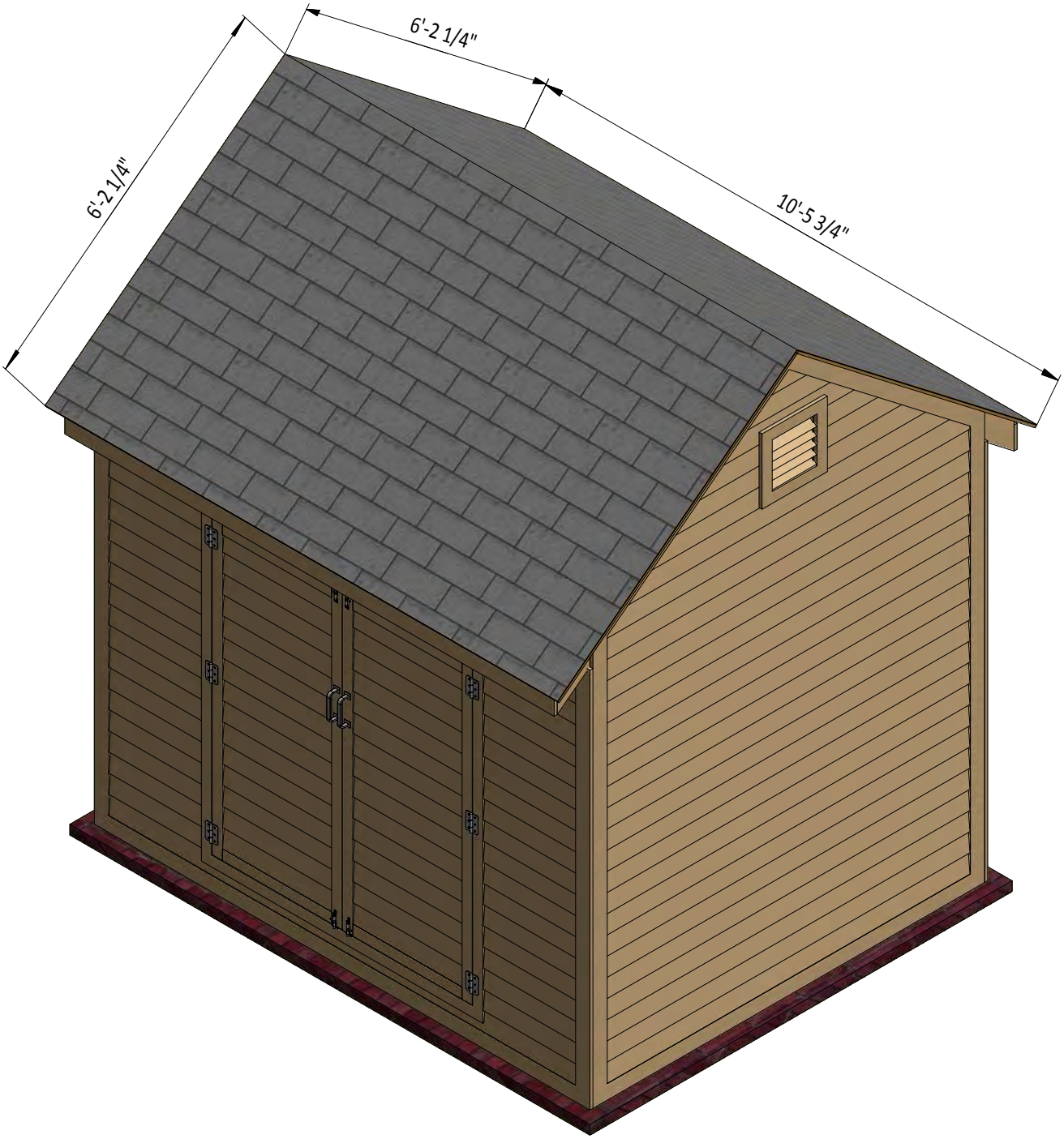
Roof Sheathing Installation

8.1 The roof for this garden shed requires 130 Sq Ft of asphalt shingle roofing.

8.2 Add the metal drip edge to the fascias.

8.3 Lay down a layer of roofing paper over the roof's sheathing.

8.4 Attach the asphalt shingles using an industrial stapler or a hammer and roofing nails.



STEP 9

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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