



10'x14' Storage Shed Plan

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10'x14' 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

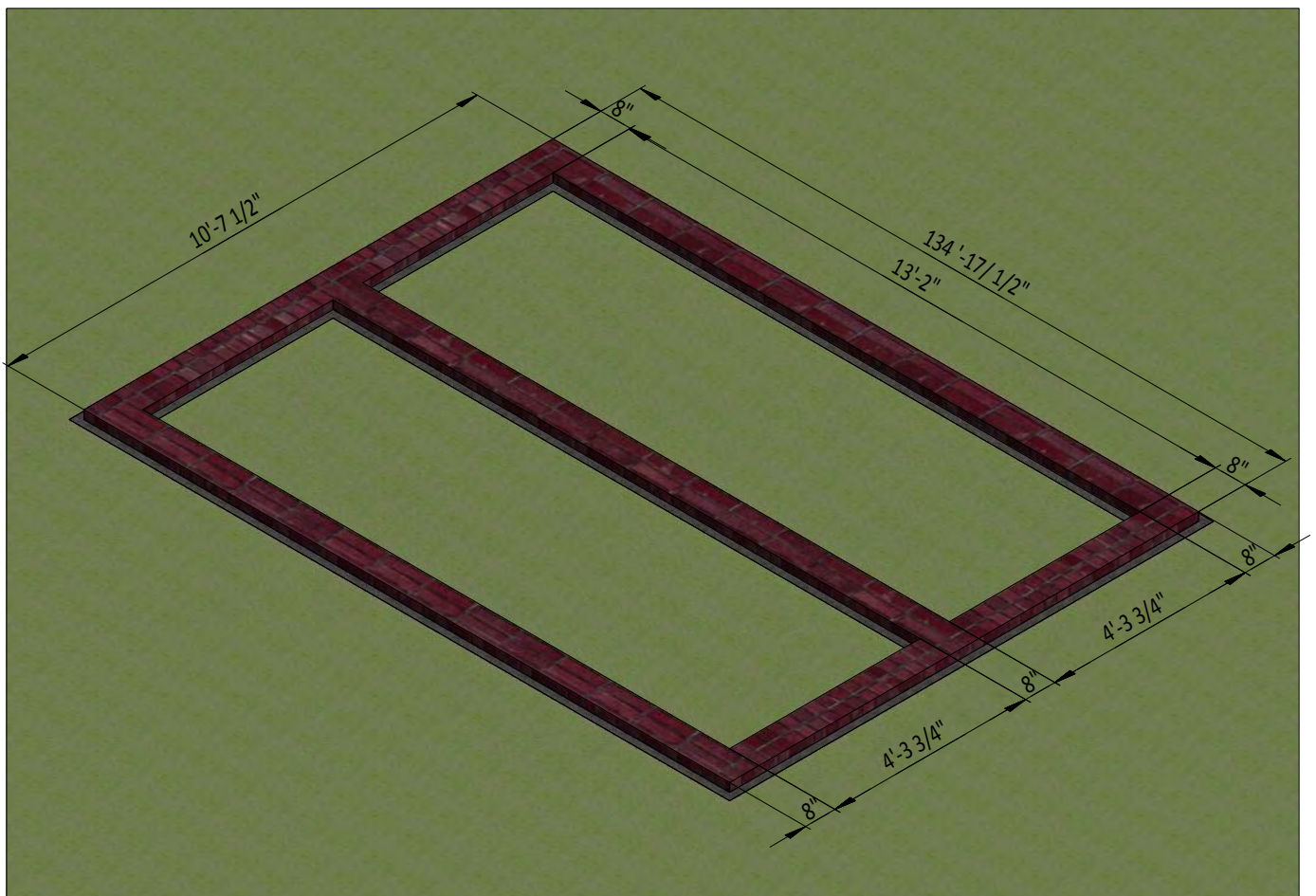
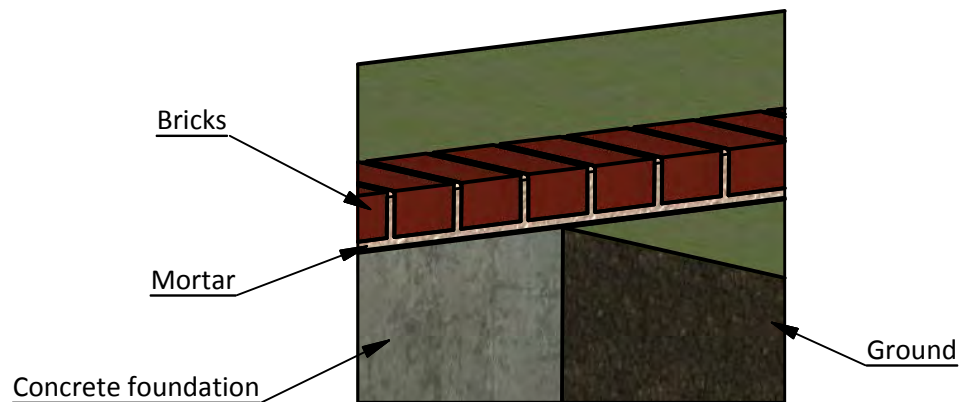
Foundation Preparation

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 175 bricks for this step.



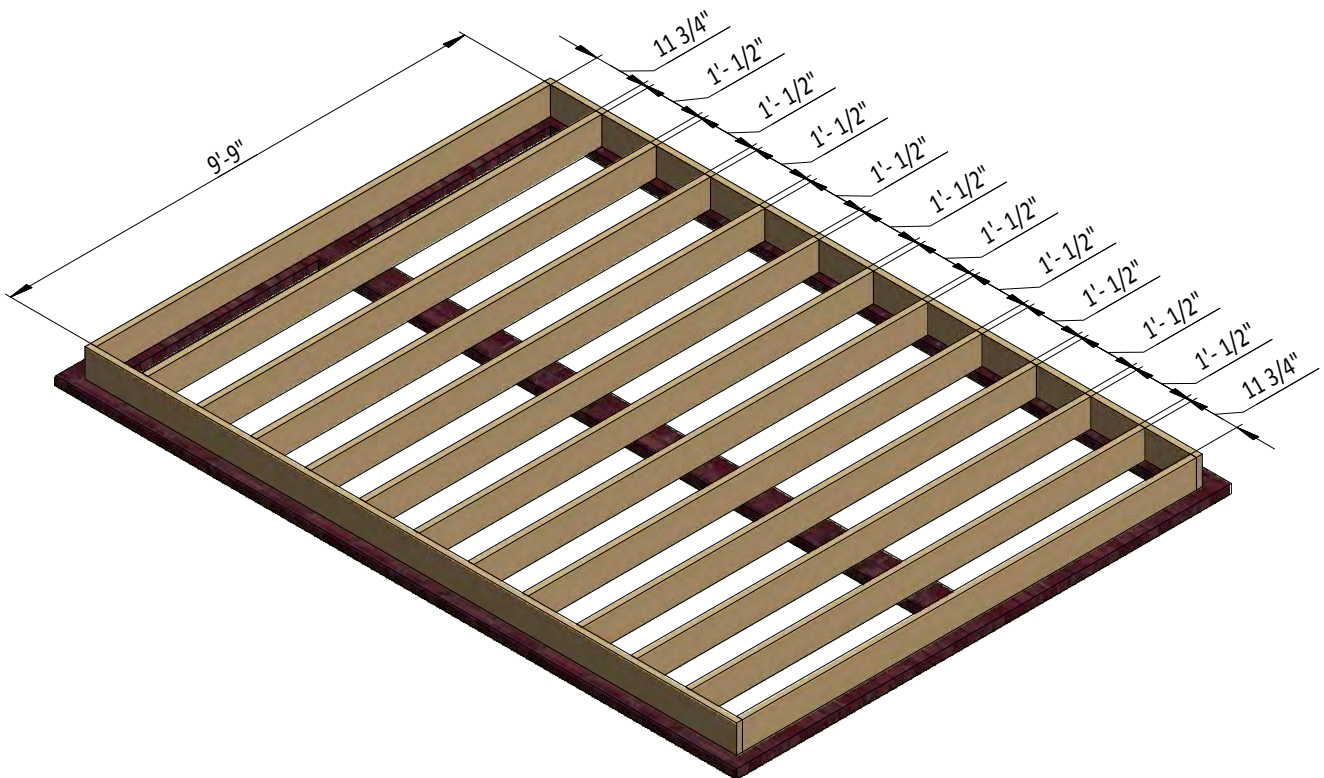
STEP 2

Framing the Floor

2.1 Assemble the frame using 1 1/2" x 7 1/4" treated lumber. You will need 11 boards cut to 9'-9" that will be the floor joist.

2.2 Use 8x5" wood screws to secure the beams.

2.3 Check the corners to make sure they are 90°.



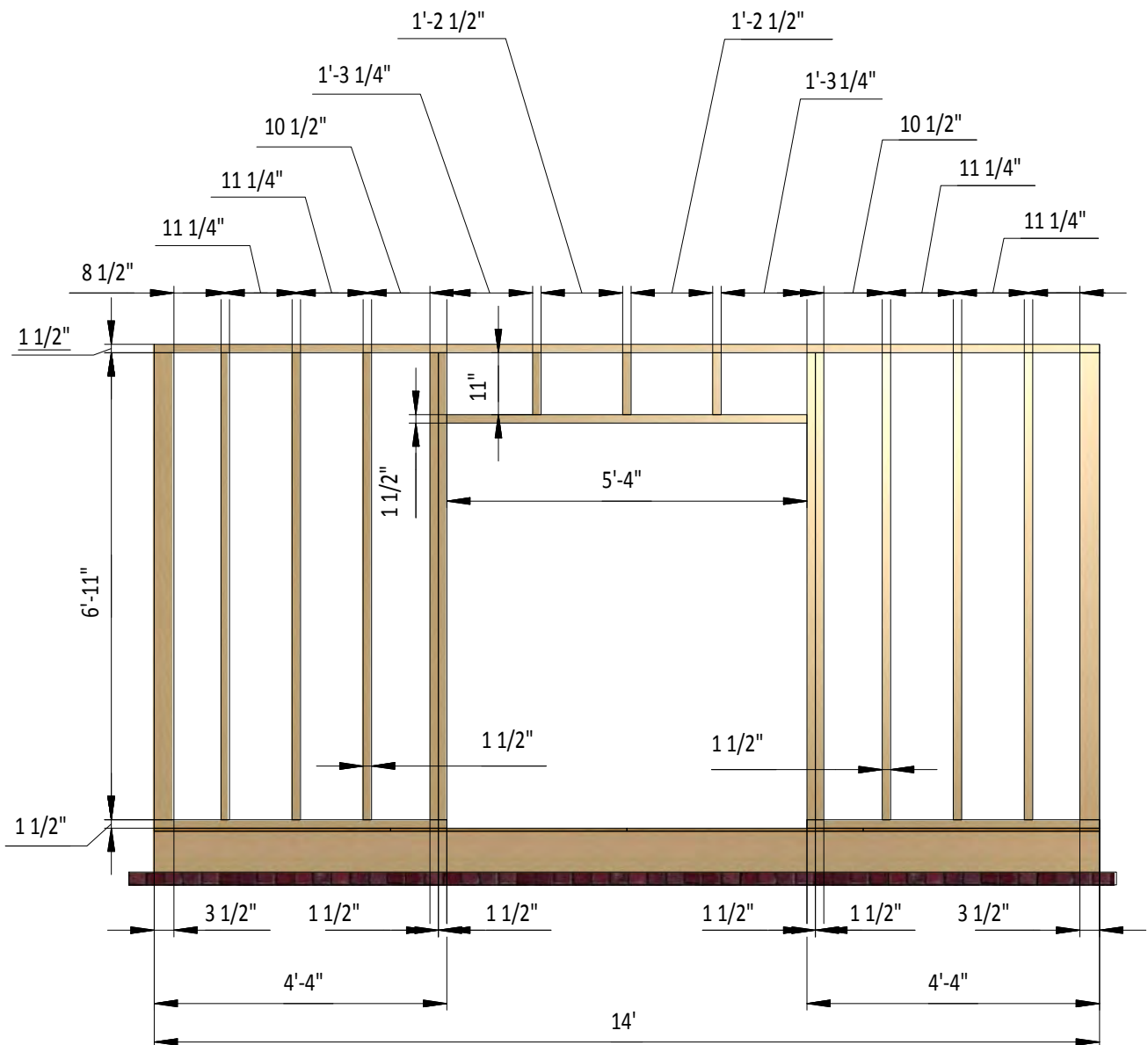
STEP 3

Assemble Front Wall Frame

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

3.2 Connect the beam and studs together with 2x4" wood screws.

3.3 Using a speed square or carpenter's square, verify each corner is 90°.



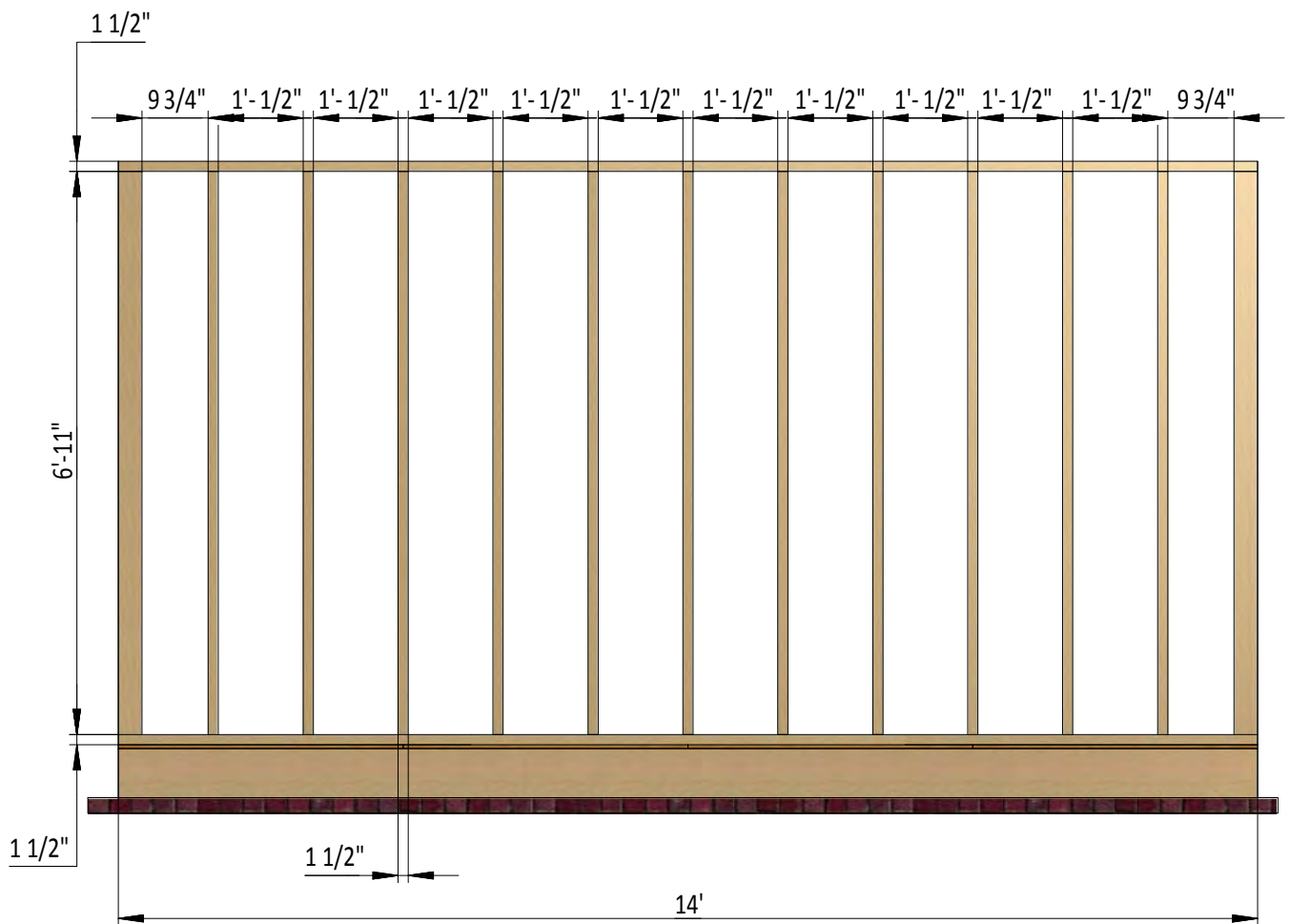
STEP 4

Assemble Back Wall Frame

4.1 Using 1 1/2" x 3 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, make the back wall frame using the drawing below as a reference. You will need 13 boards cut to 6'-11" that will be the wall studs and two boards cut to 14' that will be the top and bottom plates.

4.2 Connect the beams with 2x4" wood screws.

4.3 Using a square, check the corners to make sure they are 90°.



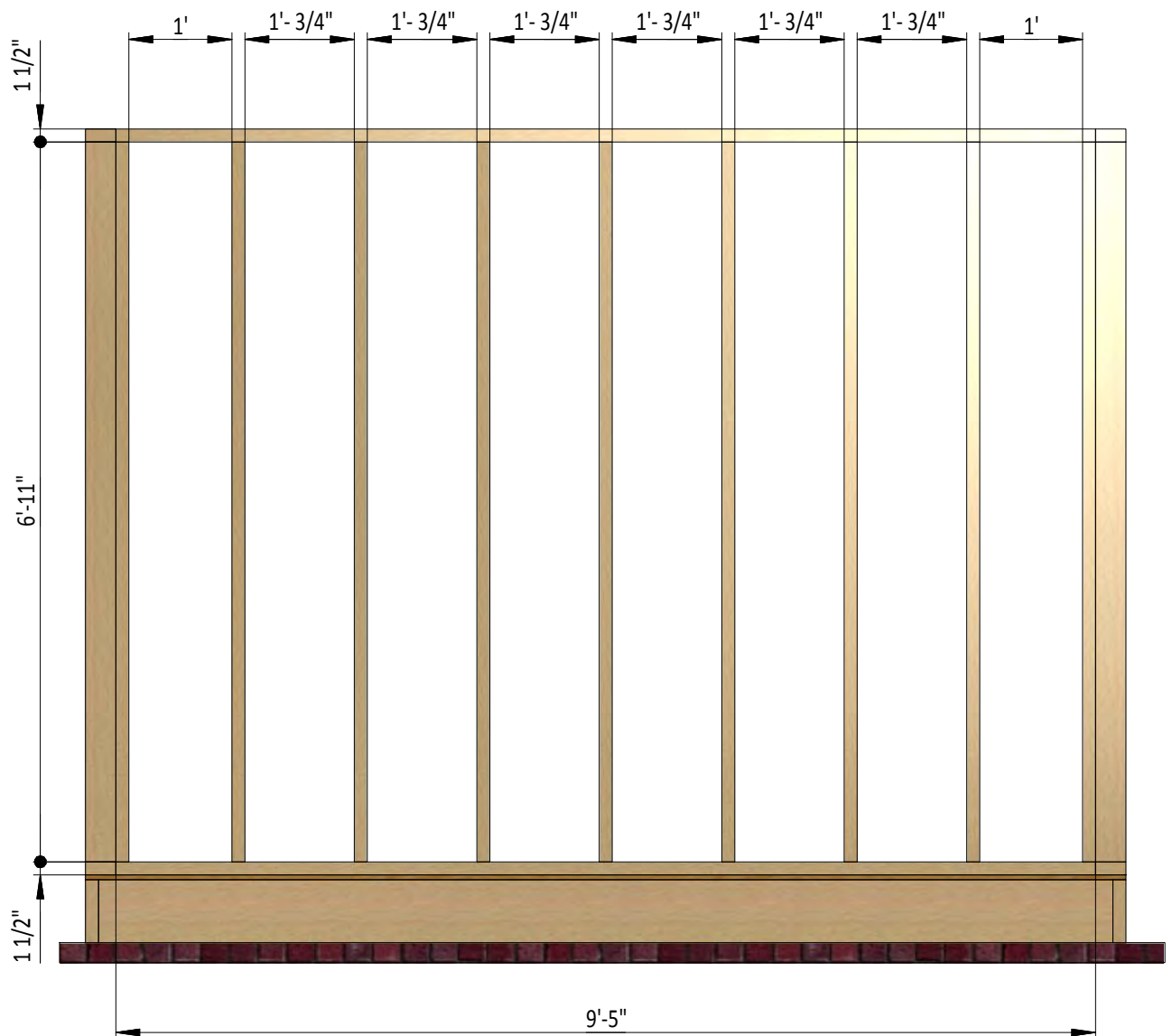
STEP 5

Assemble Left and Right Wall Frames

5.1 Using pressure-treated lumber, Construct the wall frames using $1\frac{1}{2}'' \times 3\frac{1}{2}''$ treated lumber. The drawing below provides a reference. You will need nine boards cut to $6'-11''$ for the studs and two boards cut to $9'-5''$ for the top and bottom plates.

5.2 Use 2x4 wood screws to connect the beams.

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



STEP 6

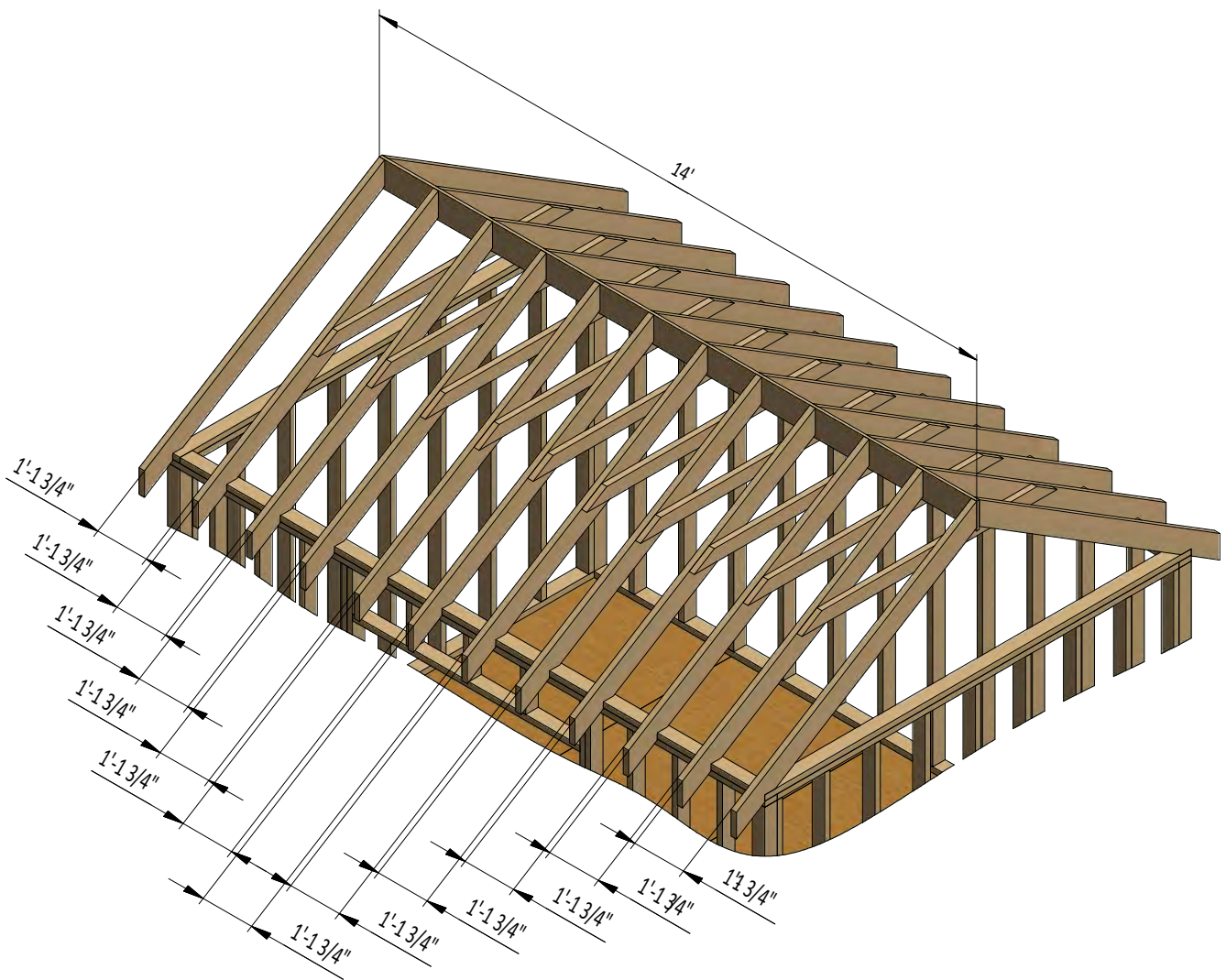
Assemble the Roof Frame

6.1 Cut 24 rafters that are 6'-11" long out of 1 1/2 " x 5 1/2 " treated lumber, according to the dimensions.

6.2 Cut ten collar ties 5'-11 3/4" long using the 1 1/2 " x 3 1/2 " treated lumber, according to the dimensions.

6.3 Using 3/4 " x 7 1/4 " treated board, cut the ridge board 14' long as shown below.

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



STEP 7

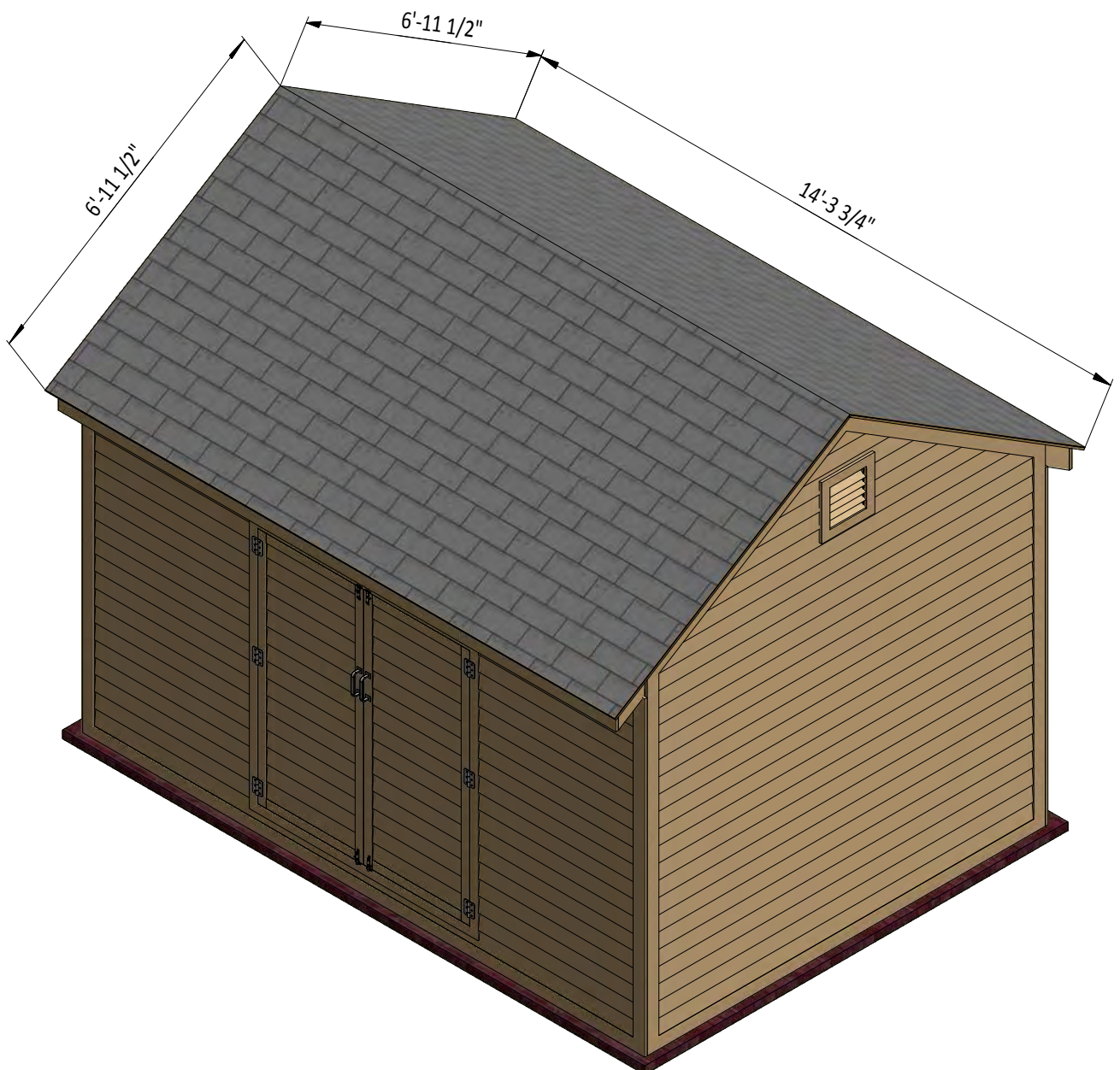
Roof Sheathing Installation

7.1 You will need 200 square feet of asphalt shingle roofing.

7.2 Install a metal drip edge to the fascias

7.3 Cover the plywood with roofing or building paper.

7.4 Install asphalt shingle roofing using an industrial stapler or hammer using roofing nails.



STEP 8

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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