HowtoPlans.org®

10'x10' Storage Shed Plan

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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

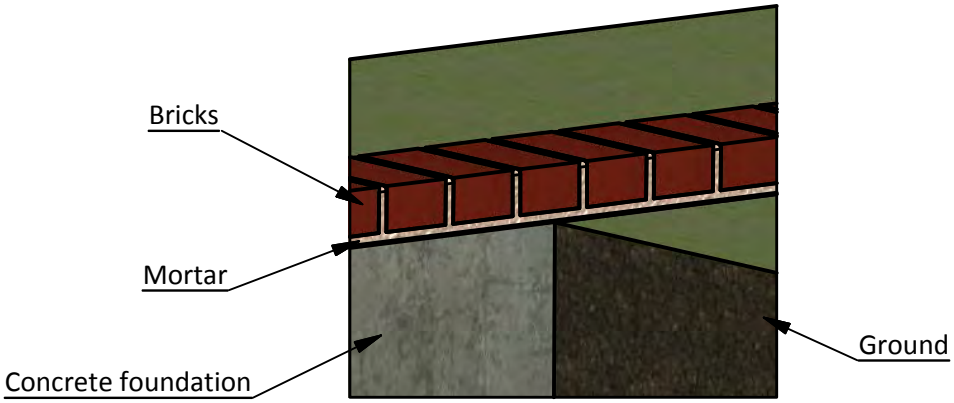
Foundation Preparation

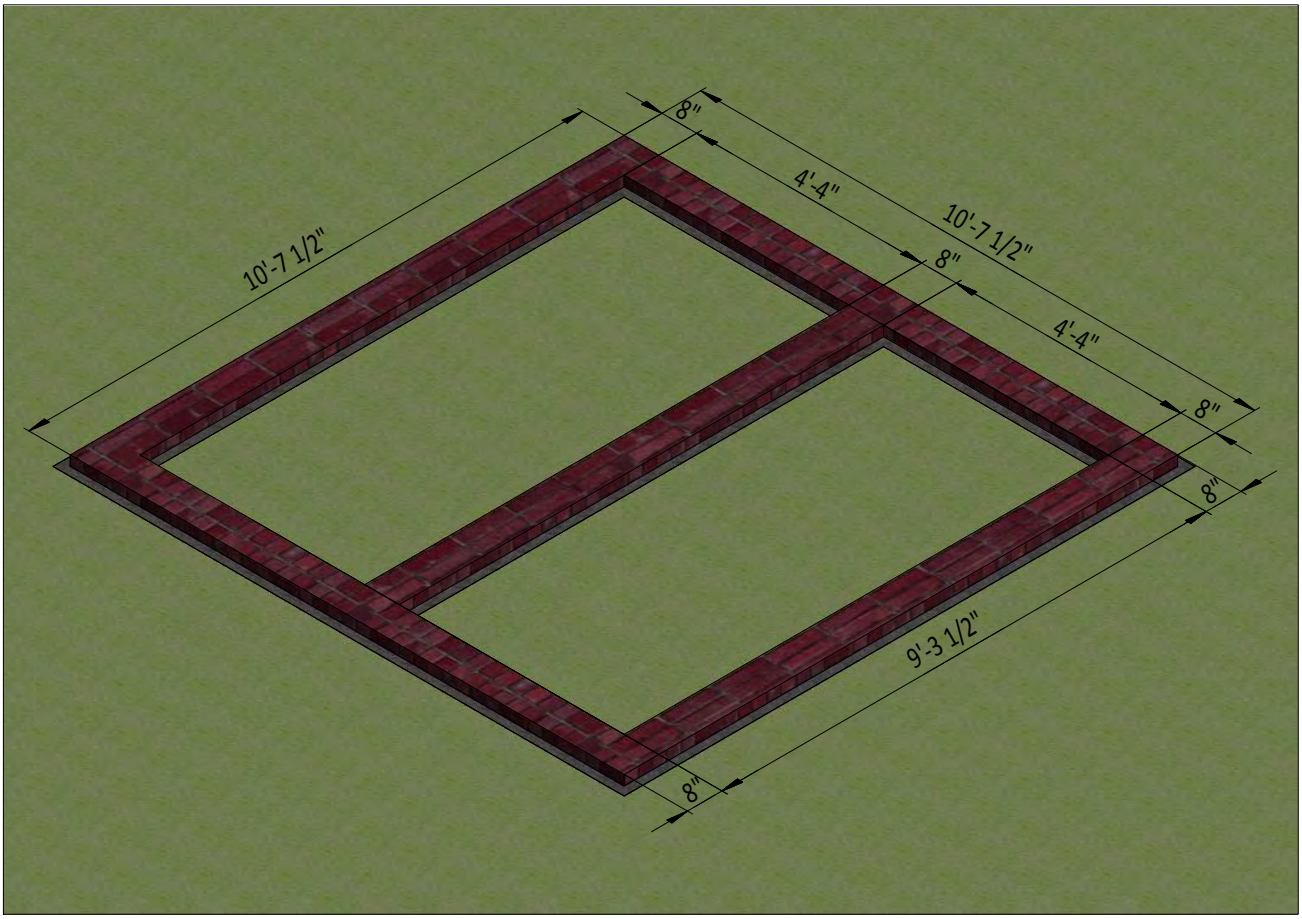
1.1 Clear the vegetation away and level the spot for the shed and layout for the foundation, using the drawing below as a guide.

1.2 Dig the footing trenches at least 1’ wide and 1’ deep.

1.3 Fill the trenches to the top with concrete and let them cure. Hardening times vary among manufacturers, as well as weather conditions.

1.4 Spread a layer of mortar across one side of the foundation. Place a single layer of bricks over the top, placing mortar between them. You will need about 135 bricks to complete the foundation.





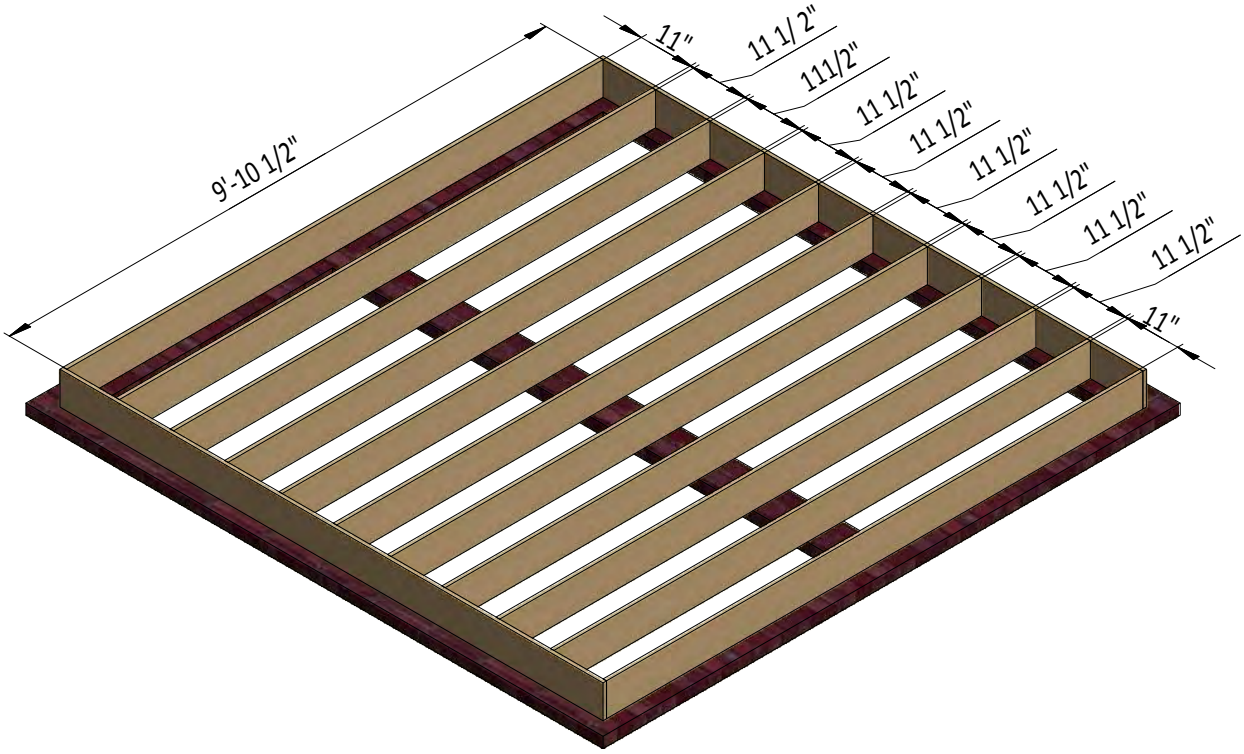
STEP 2

Framing the Floor

2.1 Assemble the floor frame using 1 1/2” x 7 1/4” (2 x 8) pressure-treated lumber. You will need nine boards cut to 9'-10 1/2” to use as the floor joists.

2.2 Secure the beams with 8x5" Phillips wood screws.

2.3 Using a square, make sure all the outside corners are 90°. If not, square up the framing.



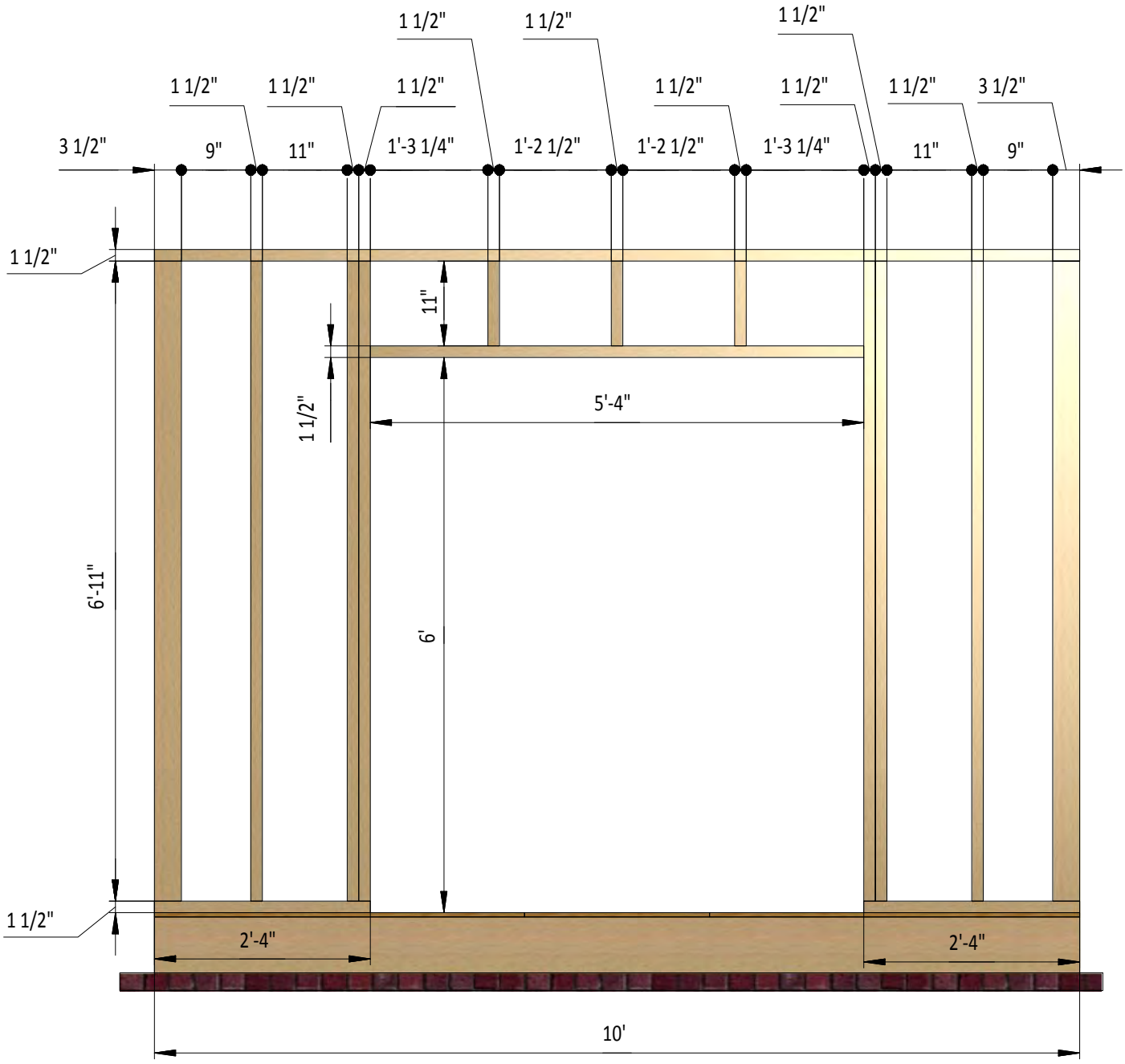
STEP 3

Assemble Front Wall Frame

3.1 Using 1 1/2“ x 3 1/2“ (2 x 4) and 3 1/2“ x 3 1/2“ (4 x 4) pressure-treated lumber, construct front wall frame using the drawing as a guide. You will need three boards cut to 11" that will be the cripple studs(the short pieces over the door opening), one board cut to 5'-4" that will be the door header and eight boards cut to 6'-11" that will be the wall studs.

3.2 Connect the beams with 9x2 1/2 Phillips flat head wood screws.

3.3 Using a square, check the corners verify each is 90°.



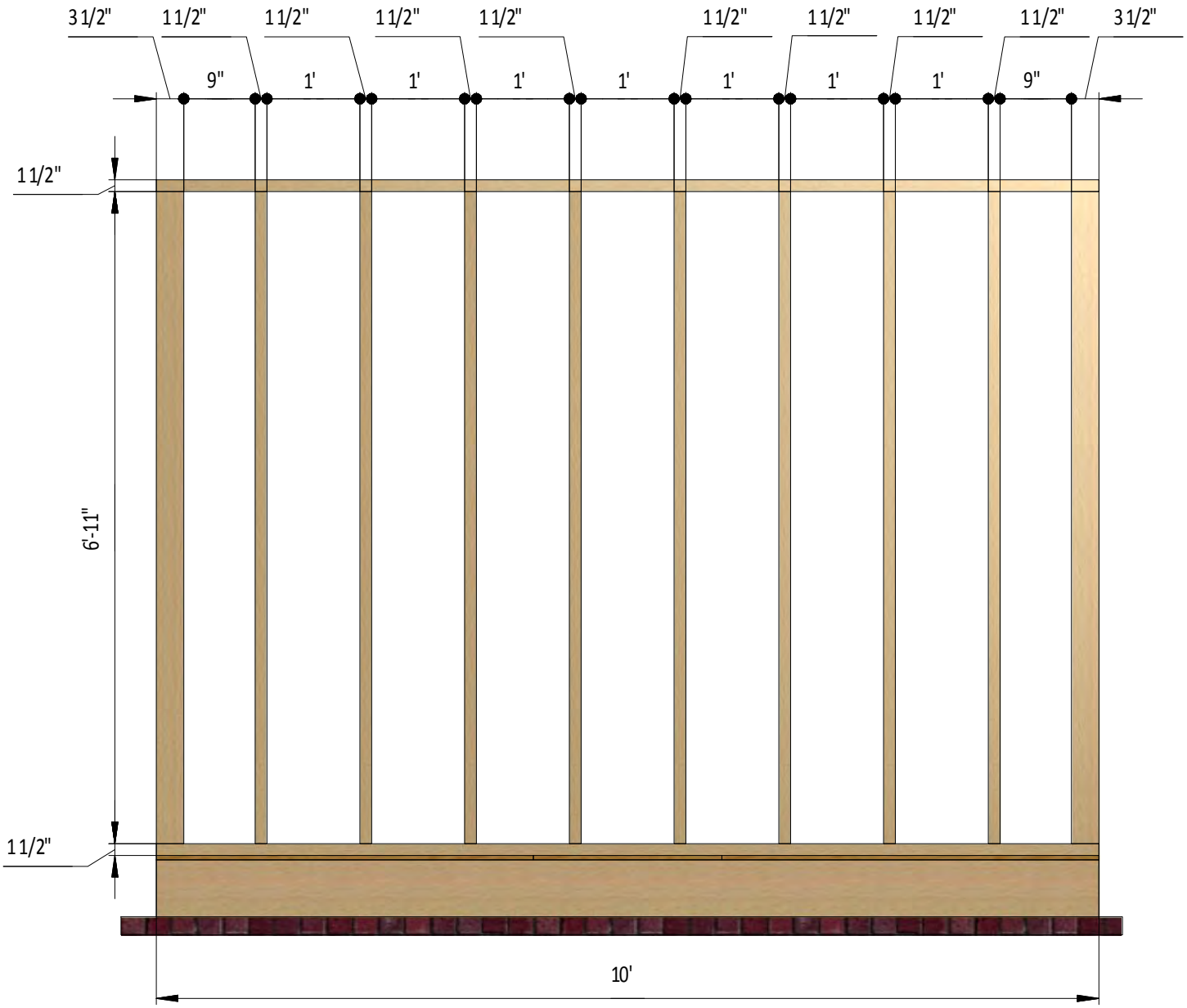
STEP 4

Assemble Back Wall Frame

4.1 Using 2x 4 and 4 x 4“ pressure-treated lumber, construct back wall frame according to the illustration. You will need ten boards cut to 6'-11" that for the studs and two boards (4x4s) cut to 10' for the top and bottom plates.

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

4.3 Using your square, measure each corner to verify that it is 90°.



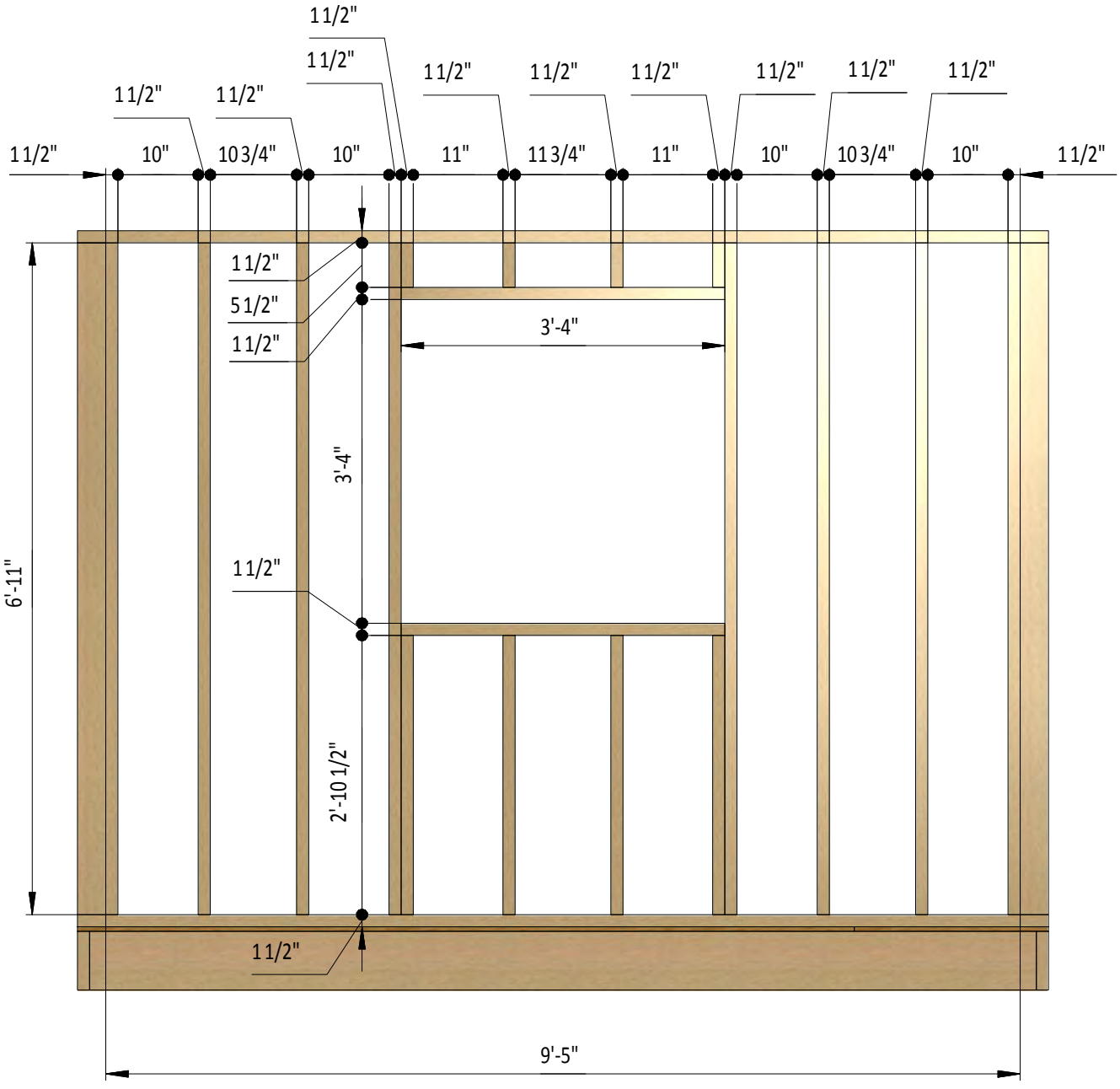
STEP 5

Assemble Left and Right Wall Frames

5.1 Using 1 1/2“ x 3 1/2“ pressure-treated lumber, construct the side wall frames using the instructive image below as a guide.
You will need four boards cut to 5 1/2" that will be the cripple studs, four boards cut to 2'-10 1/2" that will be the studs, two boards cut to 3'-4" that will be the window header and rough sill, eight boards cut to 6'-11" that will be the wall studs and two 2 x 4 boards cut to 9'-5" that will be the top and bottom plates.

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

5.3 Use the square to check the corners to make sure they are each 90°.



STEP 6

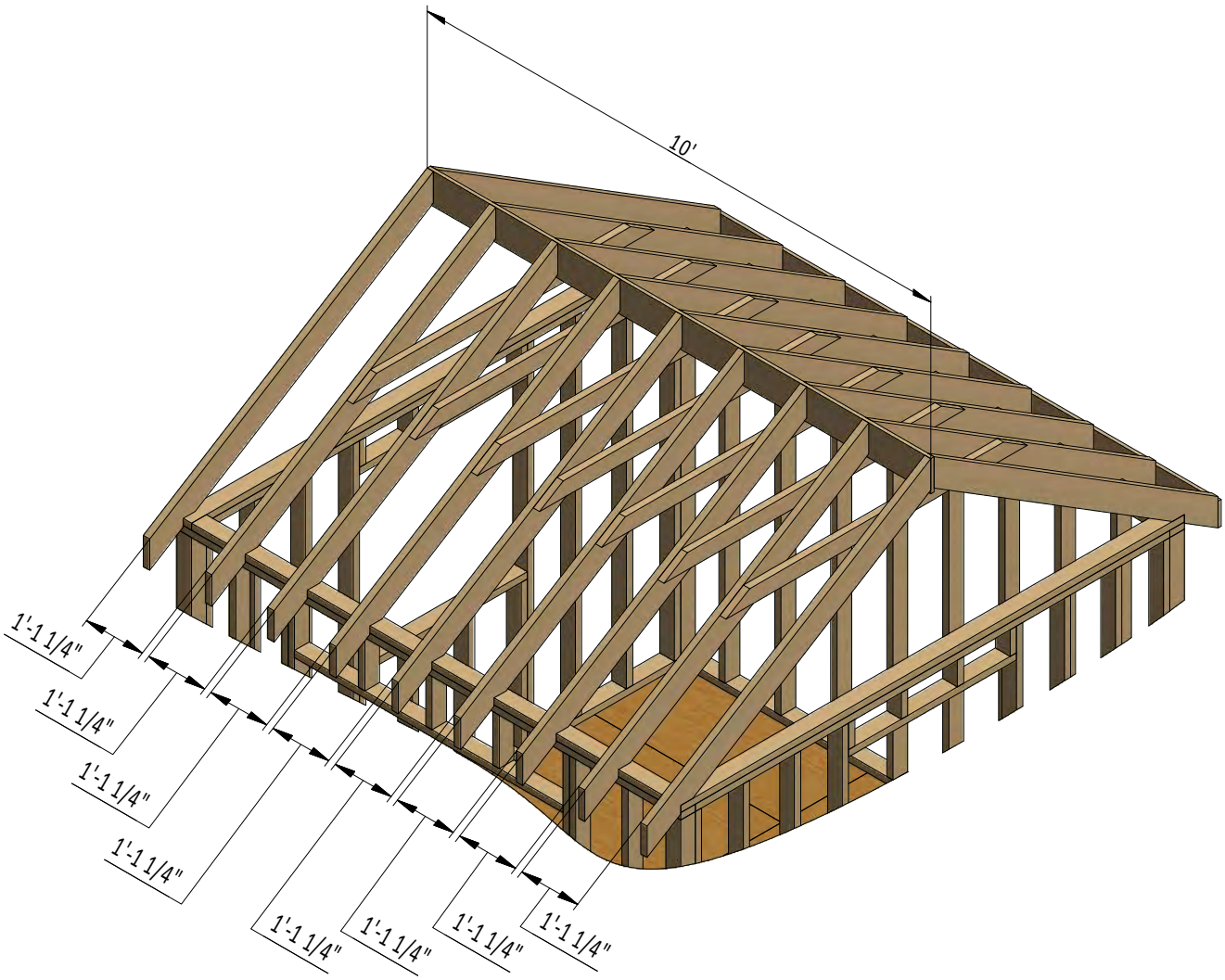
Assemble the Roof Frame

6.1 Using 1 1/2 “ x 5 1/2 “ pressure-treated lumber, cut 18 rafters 6'-11" long according to the dimensions shown.

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

6.3 Using 3/4 “ x 7 1/4 “ treated board, cut the ridge board 10' long.

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



STEP 7

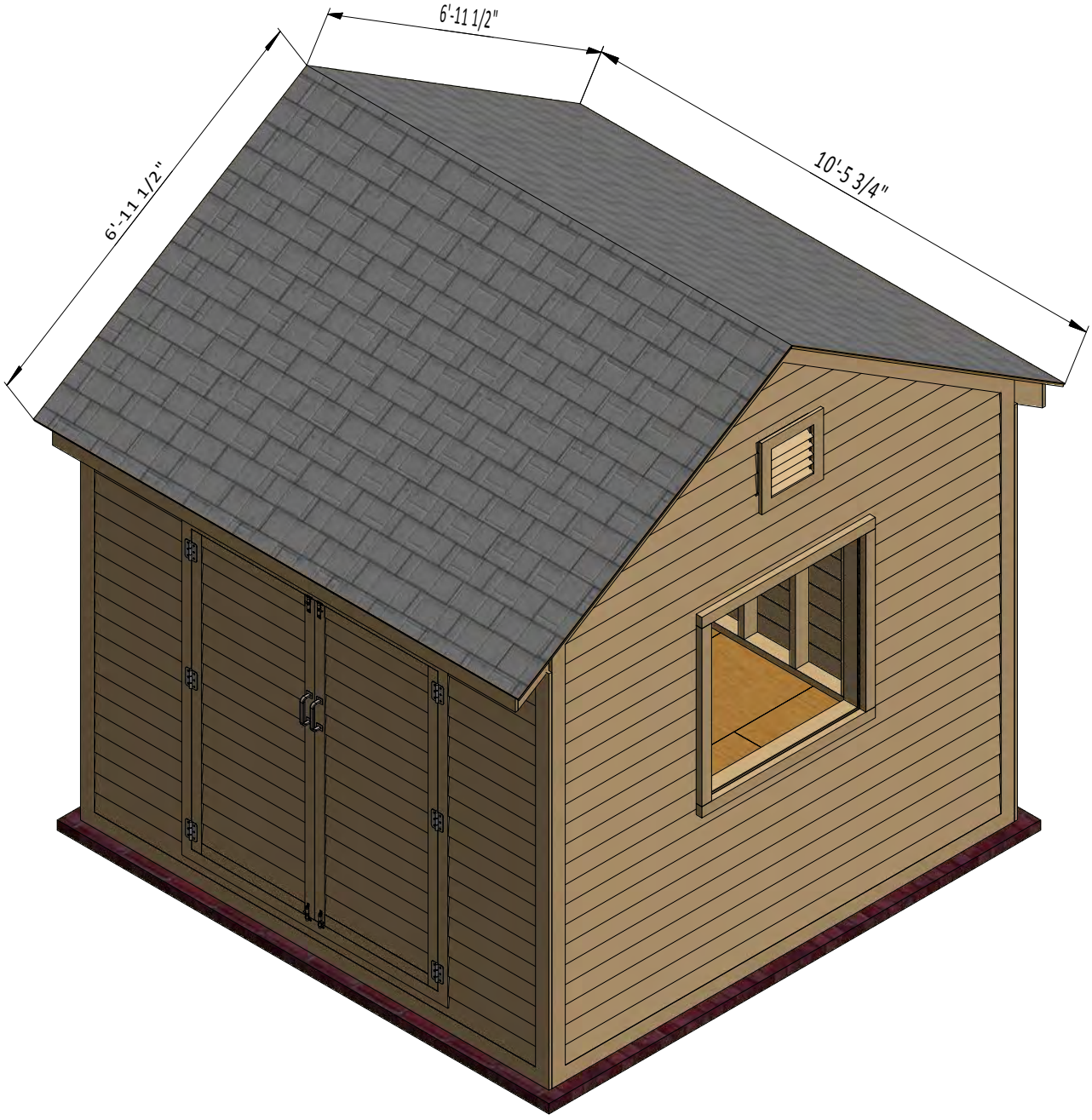
Roof Sheathing Installation

7.1 You will need 150 Sq Ft of dimensional or architectural asphalt shingle roofing.

7.2 Add the metal flashing to the fascias.

7.3 Cover the plywood with roofing underlayment or felt.

7.4 Install shingles using a heavy duty staple gun or 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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