



6'x8' Chicken Coop Plan

Up to 15 chickens

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	✓

Try Premium Risk-Free

30-day refund policy with no questions asked.

7'x8' chicken coop material list

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Pressure-Treated Lumber
- Plywood

Walls Frames

- Pressure-Treated Lumber

Shed's Roof

- Pressure-Treated Lumber
- Pressure-Treated Board
- Plywood
- Building paper
- Asphalt shingles
- Metal drip edge

Front/Side Shed's Window

- Pressure-Treated Lumber
- Window beading
- Glass

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Corner braces
- Galvanized nails
- Wood screws

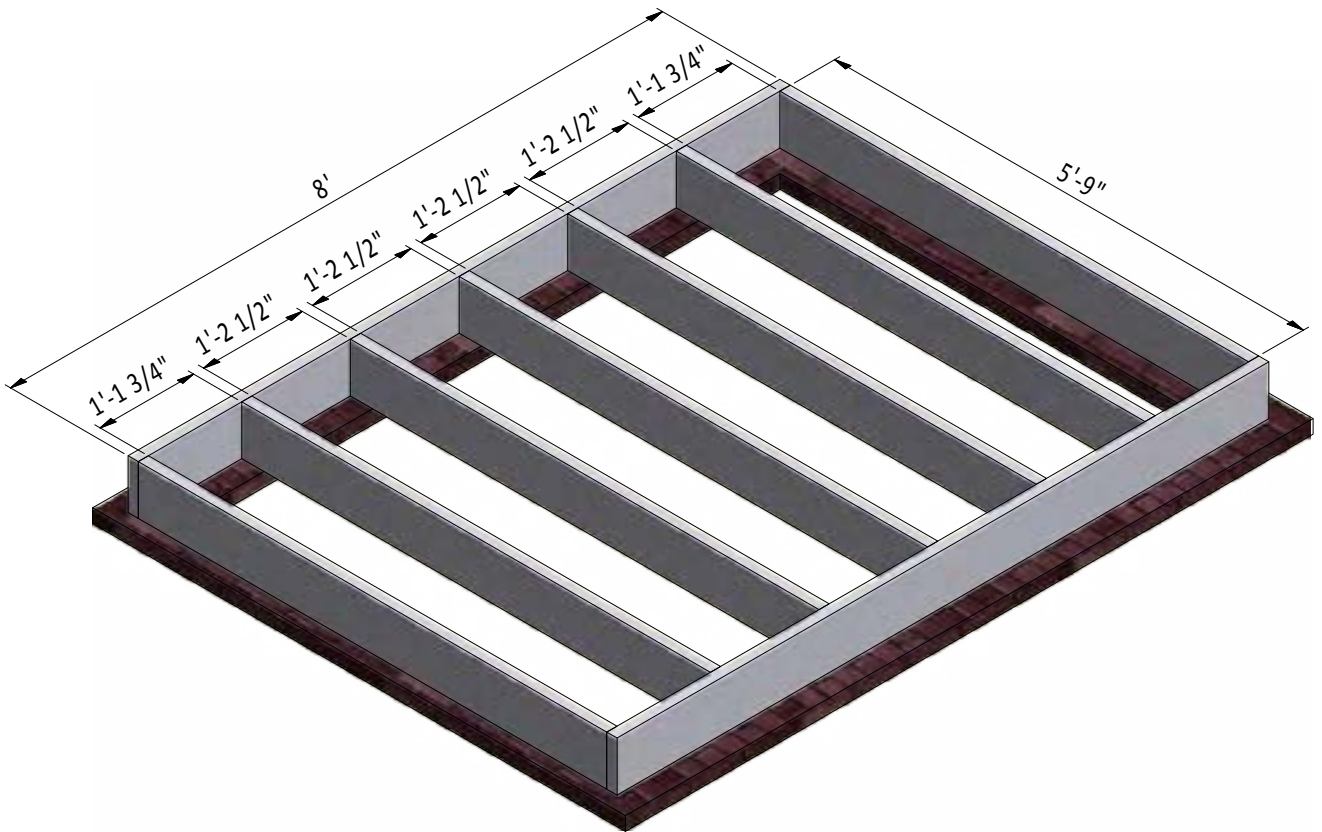
STEP 1

Framing the Floor

1.1 Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber. You will need five boards cut to 5'-9" that will be the joist.

1.2 Secure the beams with 8x5" wood screws.

1.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



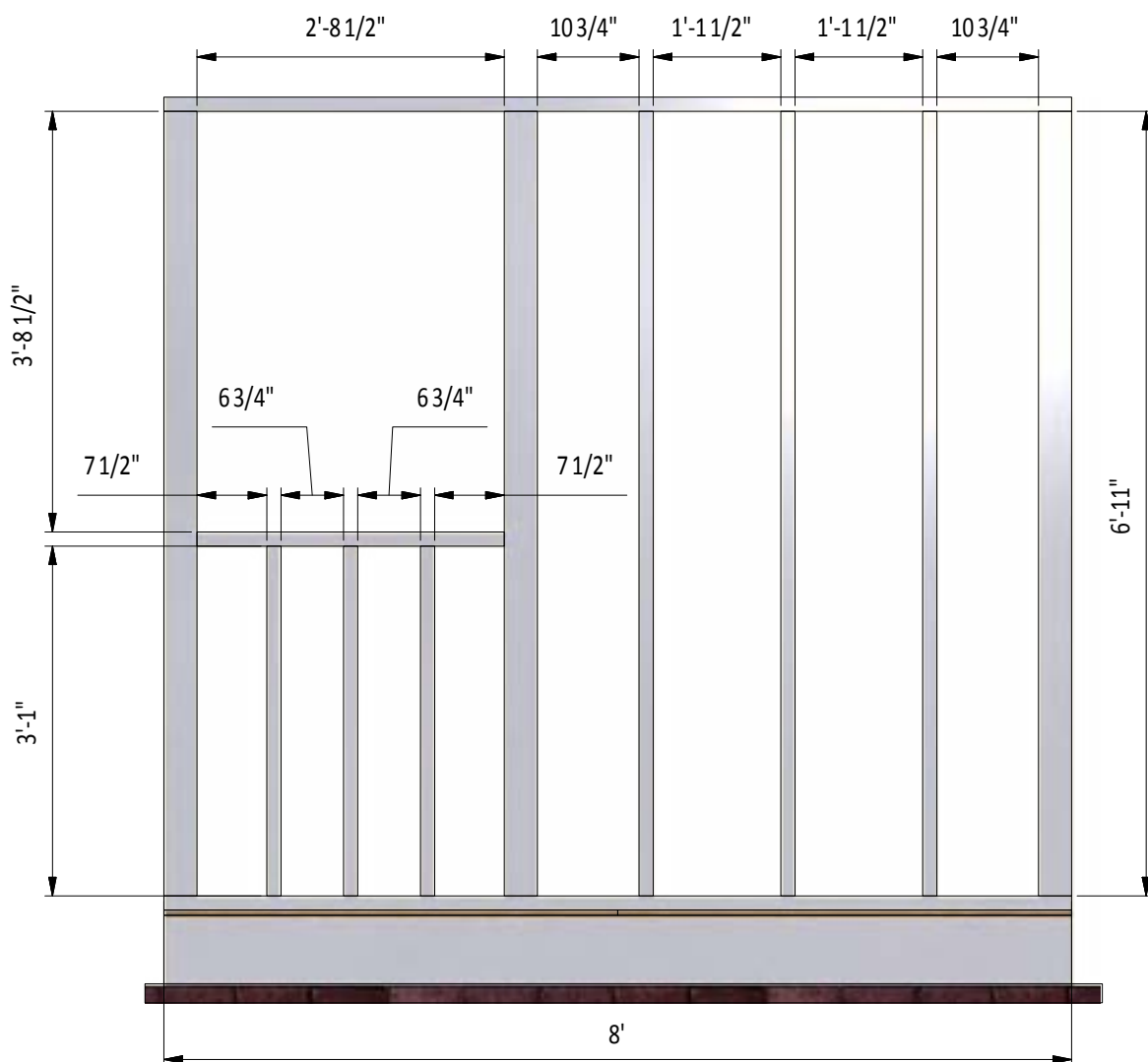
STEP 2

Assemble Right and Left Wall Frames

2.1 Using 1 1/2" x 3 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct side wall frames using the drawing below as a reference. For each wall you will need six boards cut to 6'-11" and three boards cut to 3'-1" that will be studs, one board cut to 2'-8 1/2" that will be the railing and two boards cut to 8' that will be the top and bottom plates.

2.2 Connect the beams with 2x3" and 2x5" wood screws.

2.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



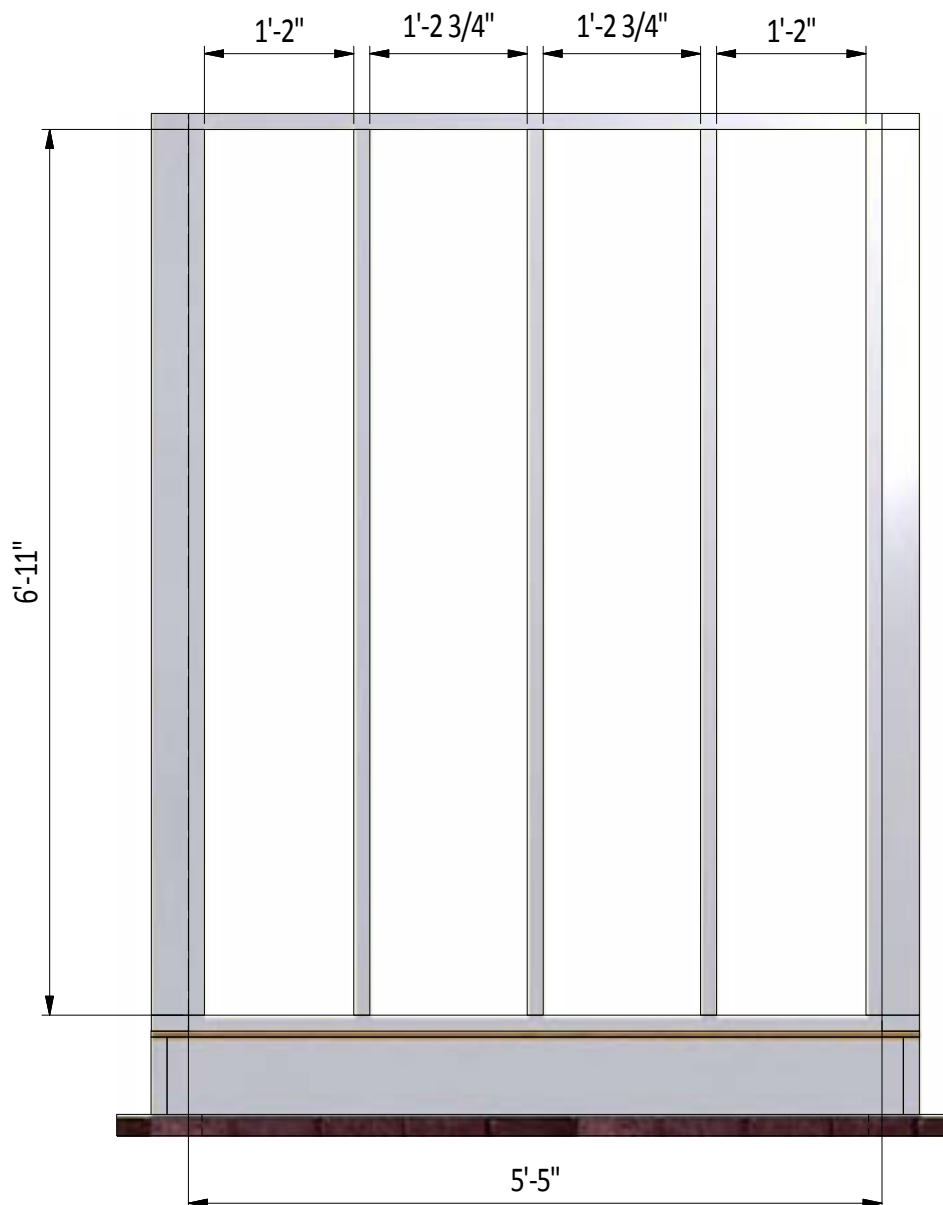
STEP 3

Assemble Back Wall Frame

3.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct back wall frame using the drawing below as a reference. You will need five boards cut to 6'-11" that will be the studs and two boards cut to 5'-5" that will be the top and bottom plates.

3.2 Connect the beams with 2x3" wood screws.

3.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



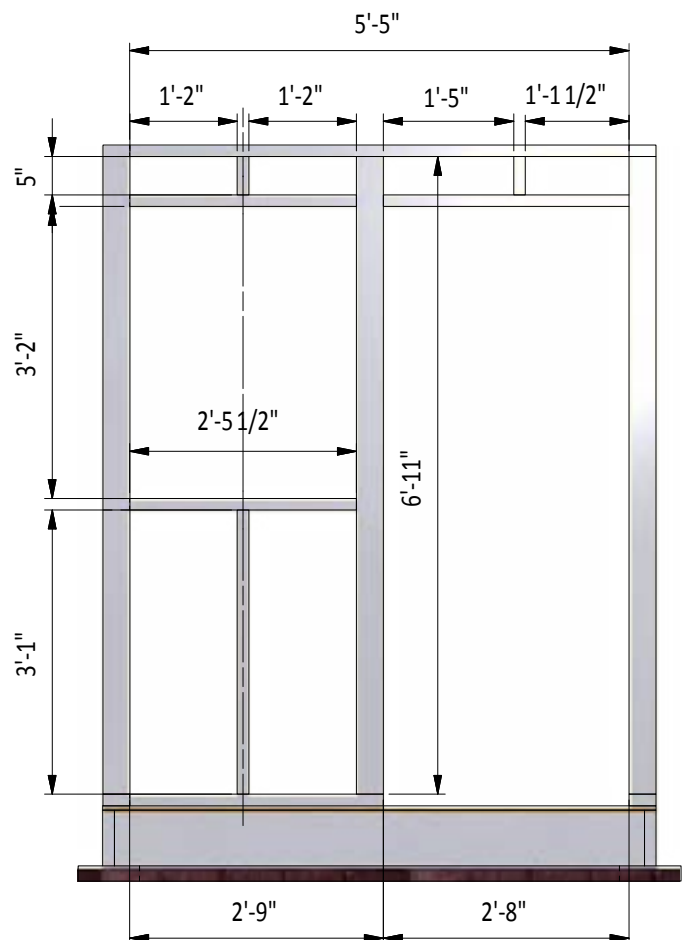
STEP 4

Assemble Inner Wall Frame

4.1 Using 1 1/2" x 3 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct inner wall frame using the drawing below as a reference. You will need one board cut to 6'-11" and one board cut to 3'-1" that will be studs, two boards cut to 5" that will be the cripple studs, two boards cut to 2'-5 1/2" that will be the window header and rough sill, one board cut to 2'-8" that will be door header, one board cut to 5'-5" that will be the top plate and one board cut to 2'-9" that will be bottom plate.

4.2 Connect the beams with 2x3" wood screws.

4.3 Using a speed square or carpenter's square, check the corners to make sure they are 90°.



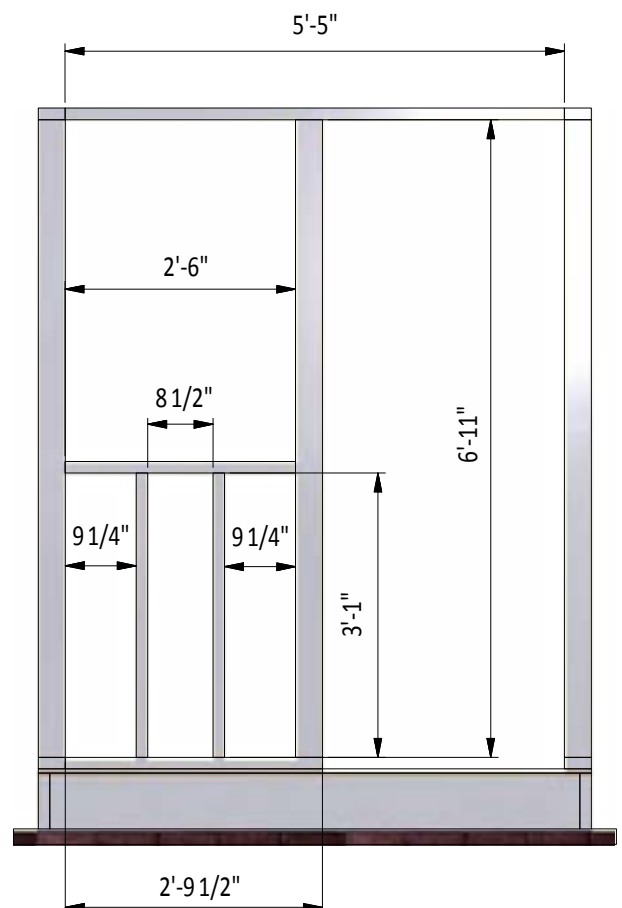
STEP 5

Assemble Front Wall Frame

5.1 Using 1 1/2" x 3 1/2" 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 one board cut to 6'-11" and two boards cut to 3'-1" that will be the studs, one board cut to 2'-6" that will be the railing, one board cut to 5'-5" that will be the top plate and one board cut to 2'-9 1/2" that will be bottom plate.

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

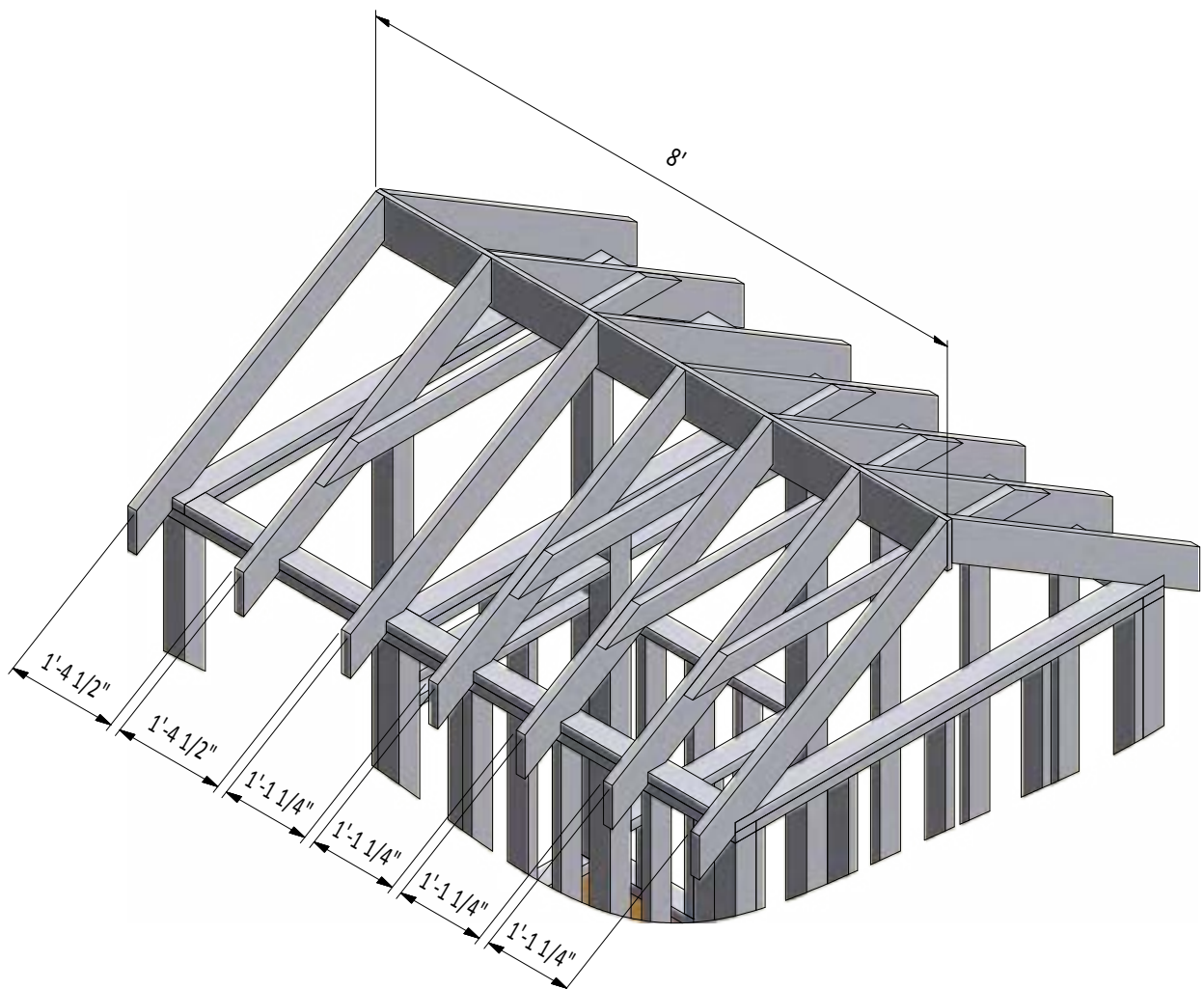
Assemble the Roof Frame

6.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut fourteen rafters 4'-3 3/4" long according to the dimensions in Nodes A and B on page 22.

6.2 Using 1 1/2" x 3 1/2" pressure-treated lumber, cut four collar ties 5' long according to the dimensions in Node A on page 22.

6.3 Using 3/4" x 7 1/4" pressure-treated board, cut the ridge board 8' long according the illustration below.

6.4 Connect the beams with 2x3" wood screws.



STEP 7

Window Installation for the Inner Wall

7.1 Using 1 1/2" x 1 1/2" pressure-treated lumber, assemble the frame for the window as shown in the drawing below. You will need two boards cut to 3'-2" that will be the vertical girts and two boards cut to 2'-5 1/2" that will be the horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

7.2 Prepare and install glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

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



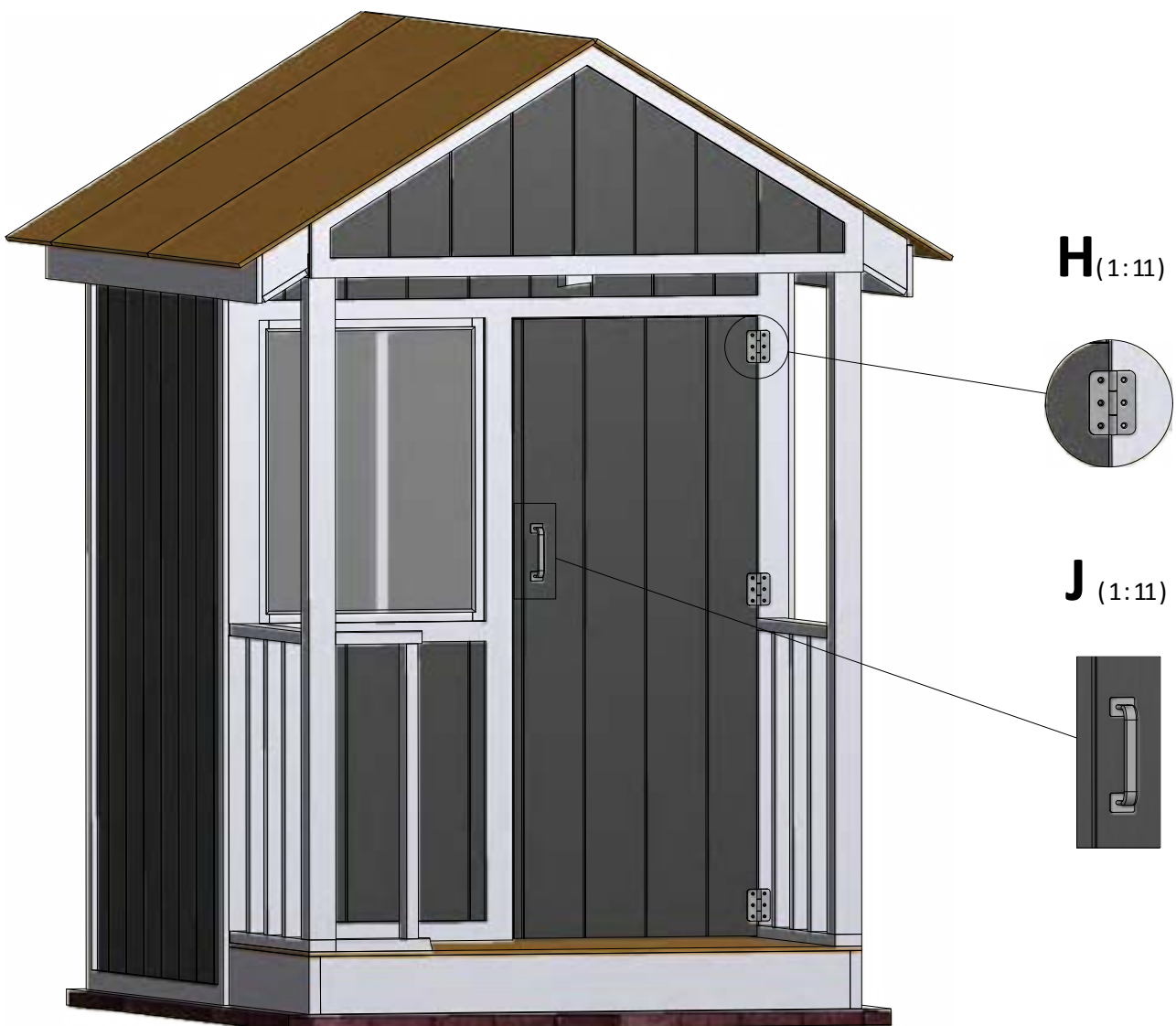
STEP 8

Assemble and Install Front Door

8.1 Build the door frame using 1 1/2" x 2 1/2" pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to 6'-5 1/2" that will be the vertical girts, two boards cut to 2'-2 1/2" that will be the horizontal girts and one board cut to 6'-5 1/4" that will be cross brace.

8.2 Prepare the 1/2" texture plywood siding sheet with dimensions 2'-7 1/2" x 6'-5 1/2" for the door according to the drawing.

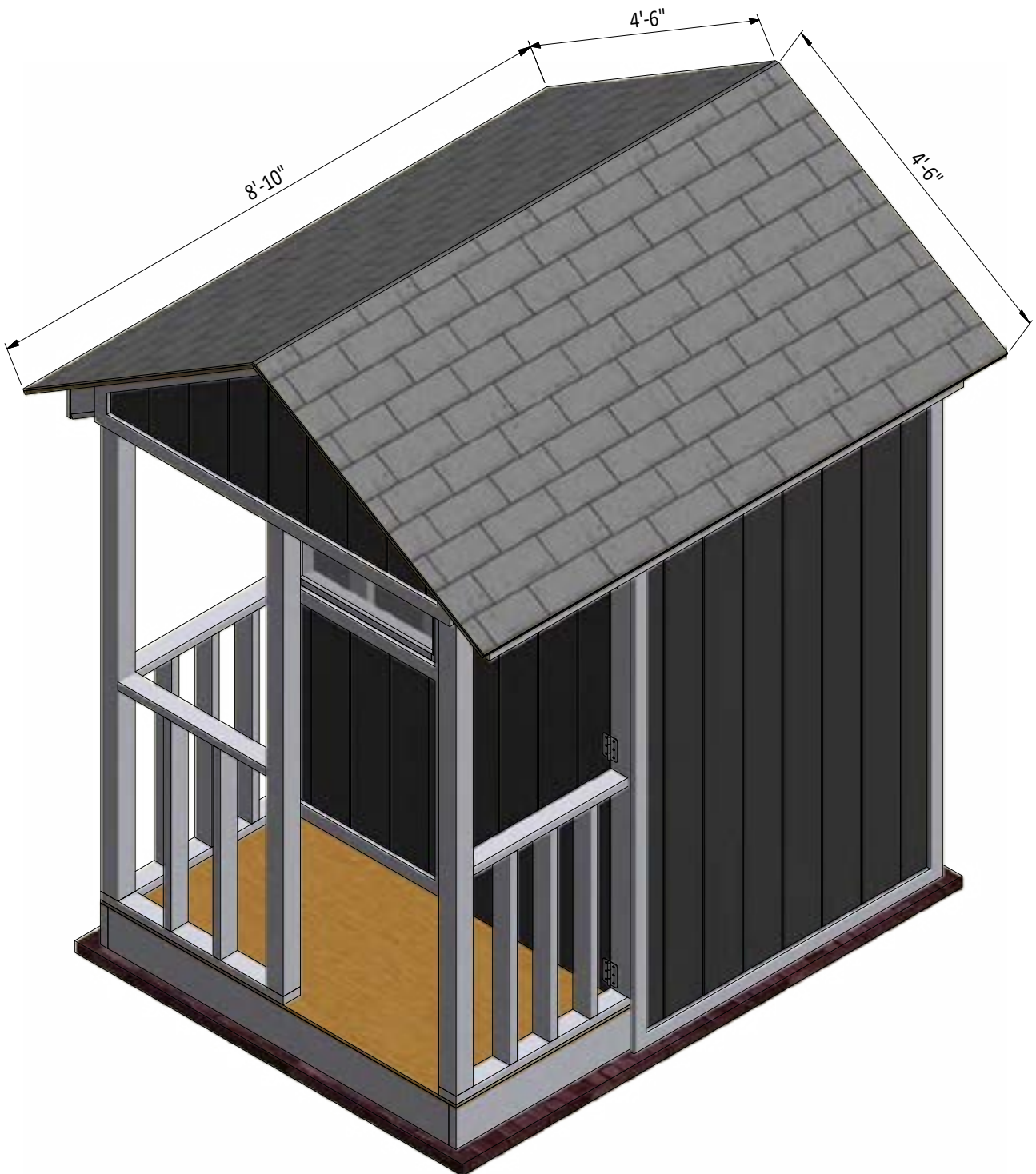
8.3 Install three 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching the 6" doorhandle (see nodes **H, J**).



STEP 9

Roof Sheathing Installation

- 9.1 You will need 80 Sq Ft of asphalt shingle roofing.
- 9.2 Add the metal drip edge to plywood.
- 9.3 Cover the plywood with building paper.
- 9.4 Install asphalt shingle roofing using an industrial stapler.



STEP 10

Nesting Box Assembly

10.1 Use 1 1/2" x 3 1/2" pressure-treated material for building the nesting box frame and secure with 3" and 5" wood screws. You will need two boards cut to 3'-1 1/2", two boards cut to 2'-3 1/2", two boards cut to 1' and two boards cut to 4'.

10.2 Prepare the 5/8" plywood for horizontal, vertical walls and partition, install them with 1" wood screws (see nodes L-L on page 40). You will need one 10" x 4' sheet, one 2'-6" x 4' sheet, one 1'-8" x 4' and four 1'-8" x 2'-4 3/4" sheets.

10.3 Provide and install nest's roost from the pressure-treated lumber with cross section 3/4" x 1 1/2". You will need six boards to 2'-2" and two boards cut to 3'-10 3/4".



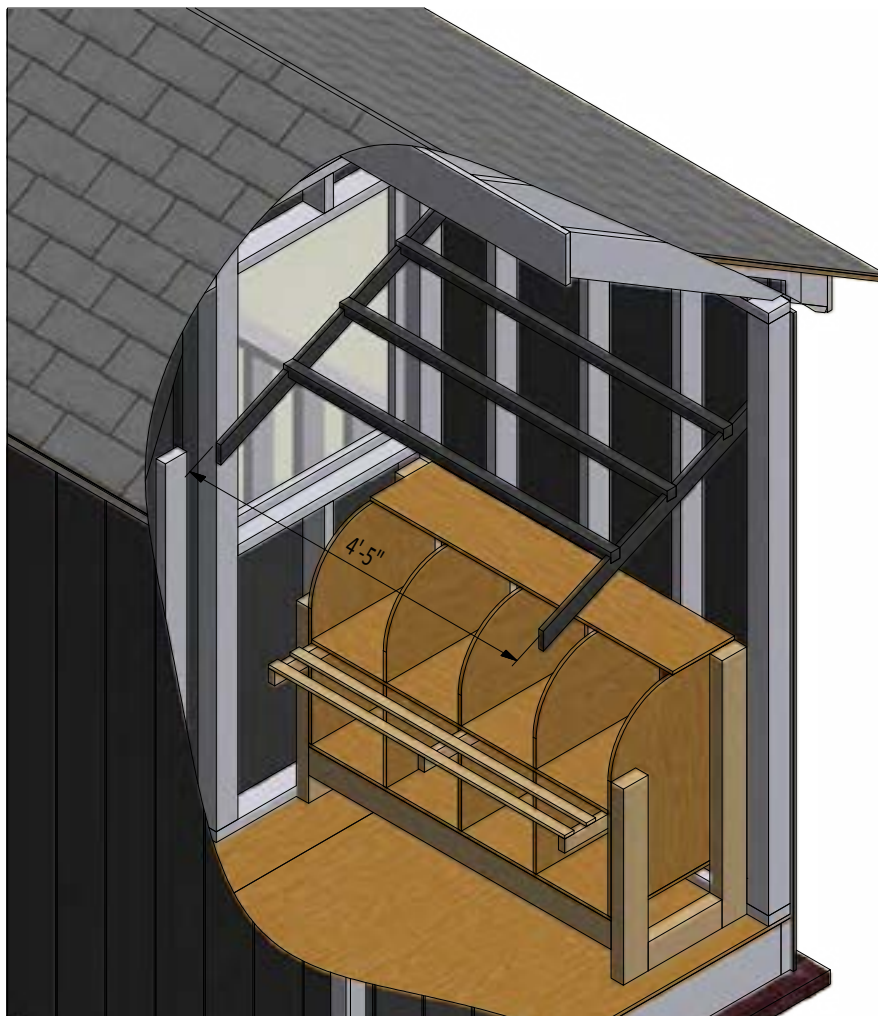
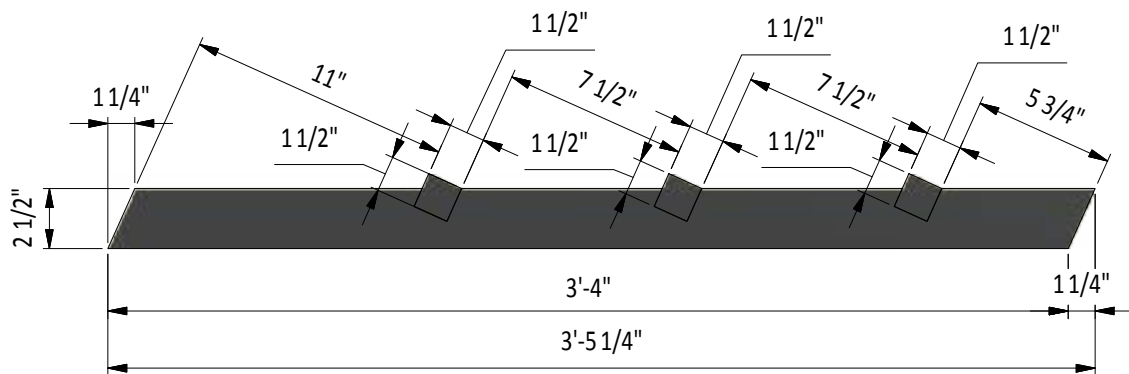
STEP 11

Assemble The Roost

11.1 Assemble the roost using 1 1/2" x 1 1/2" and 1 1/2" x 2 1/2" pressure-treated material. You will need two boards cut to 3'-5 1/4" and three boards cut to 4'-5".

11.2 Connect the beams with 2" wood screws.

11.3 Install the roost at the studs with the help of 3" screws.



STEP 12

Final Touches

Now that your chicken 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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Fastening Elements List	X	✓
Technical Support	X	✓

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