



6'x6' Chicken Coop Plan

Up to 12 chickens



Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	20	63
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	✗	✓

TRY PREMIUM

6'x6' 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

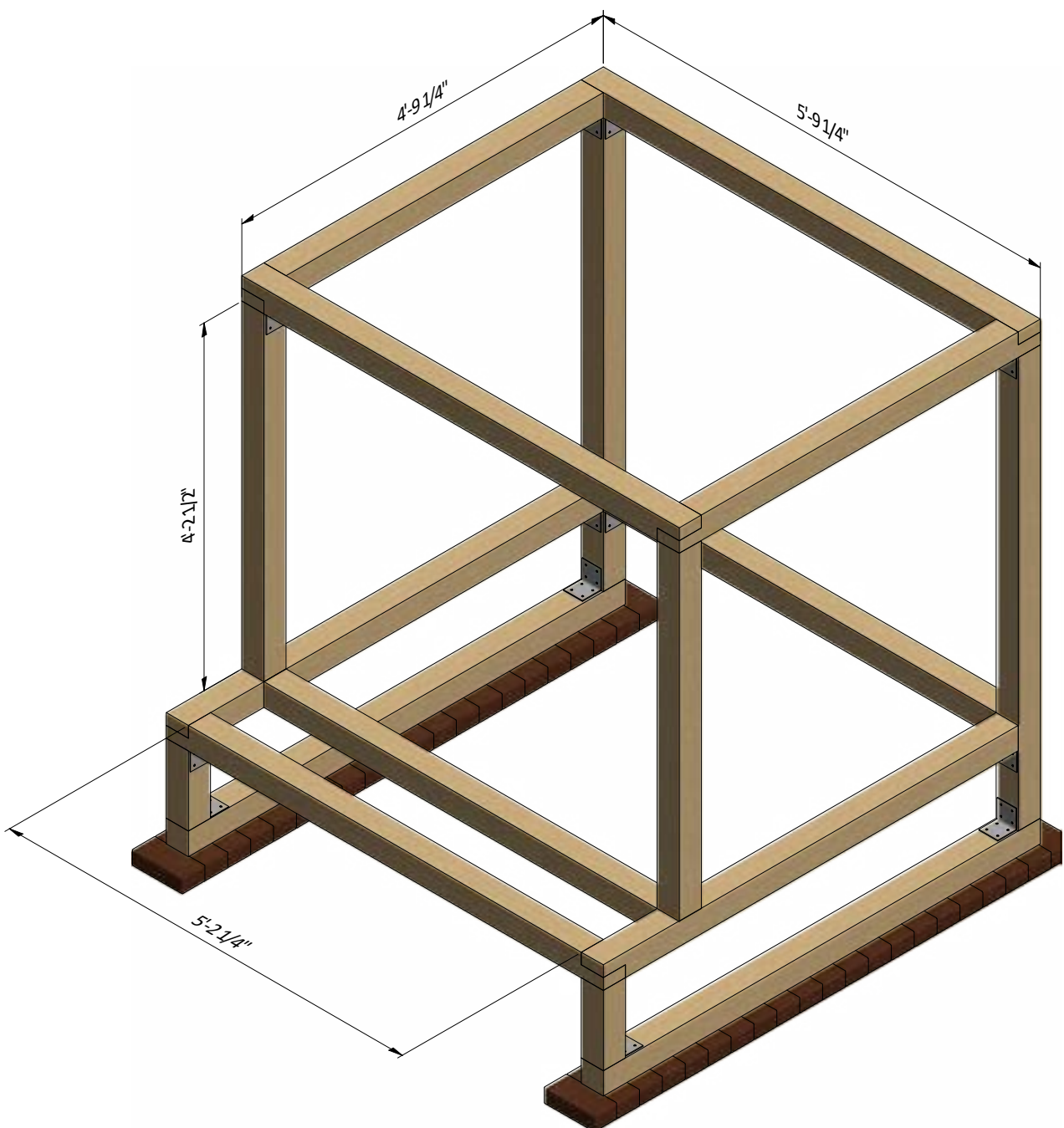
STEP 1

Assemble the Main Frame

1.1 Using 3 1/2" x 3 1/2" pressure-treated lumber, install the beams using the drawing below as a reference. You will need two boards cut to 4'-2 1/2" that will be studs, two boards cut to 5'-9 1/4", two boards cut to 4'-9 1/4" and one board cut to 5'-2 1/4" that will be horizontal girts. Use half lap connection according to the node **A** on page 14.

1.2 Secure the beams to the bottom rails with 5" wood screws and 3" x 3" corner brackets with 1" wood screws.

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



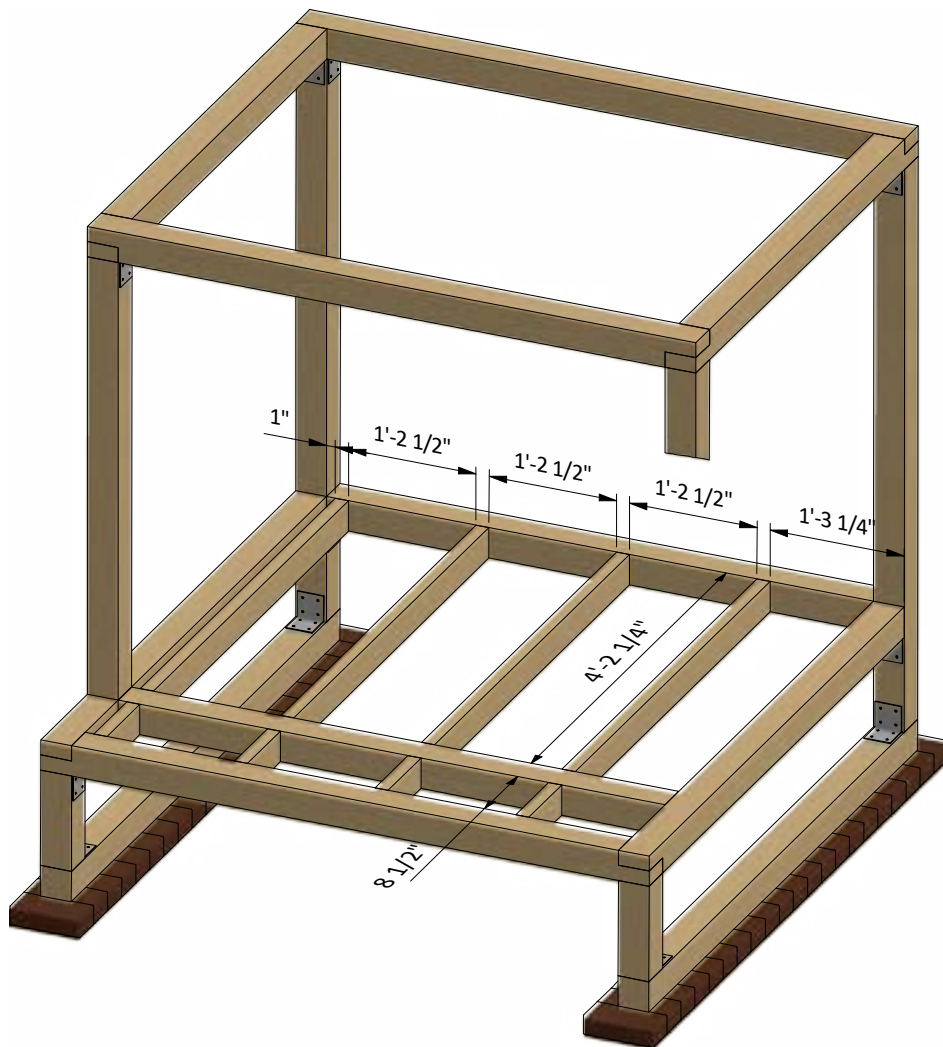
STEP 2

Assemble The Floor Frame

2.1 Using 1 1/2" x 3 1/2" pressure-treated material, cut eight floor joists using the illustration below as a reference. You will need four boards cut to 8 1/2" and four boards cut to 4'-2 1/4".

2.2 Connect the beams with 5" and 3" wood screws.

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



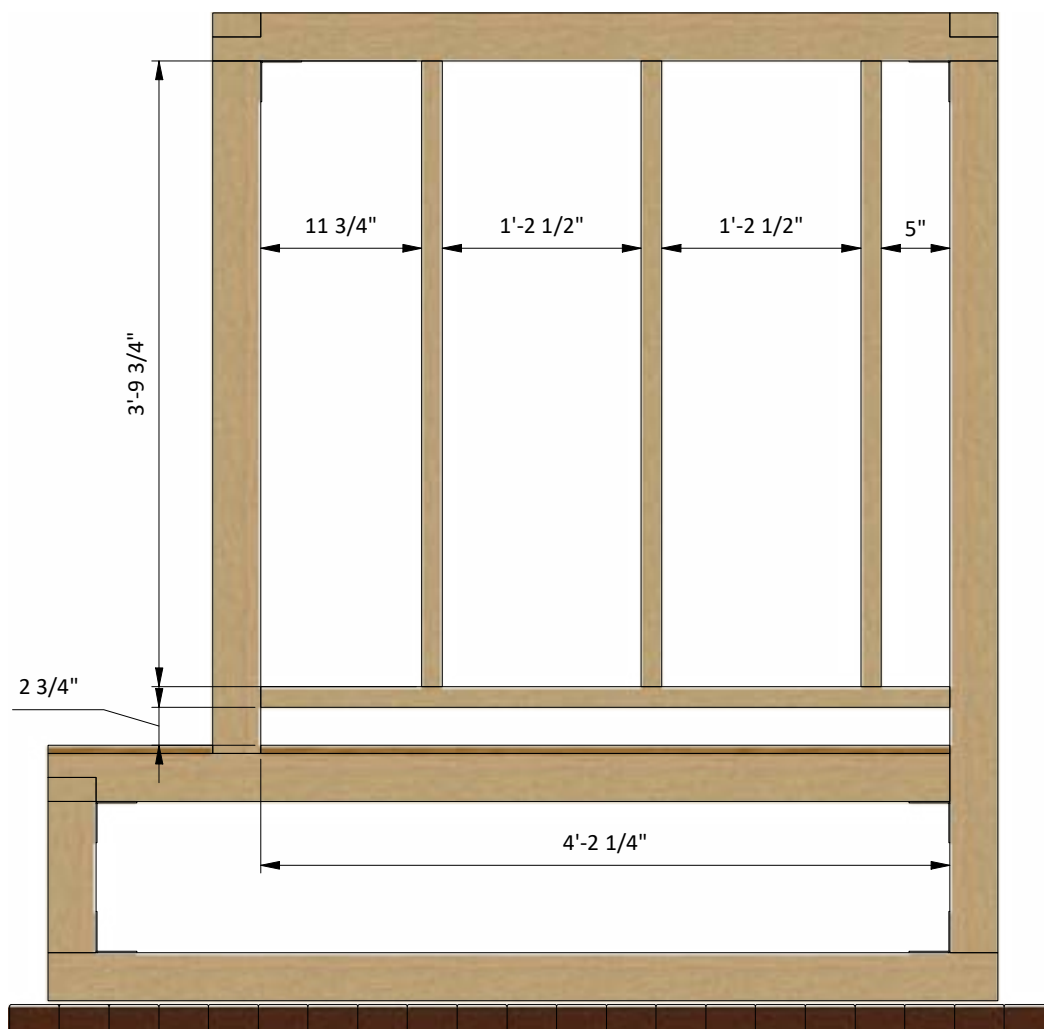
STEP 3

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 three boards cut to 3'-9 3/4" that will be studs and one board cut to 4'-2 1/4" that will be the bottom beam.

3.2 Connect the beams with 3" and 5" wood screws.

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



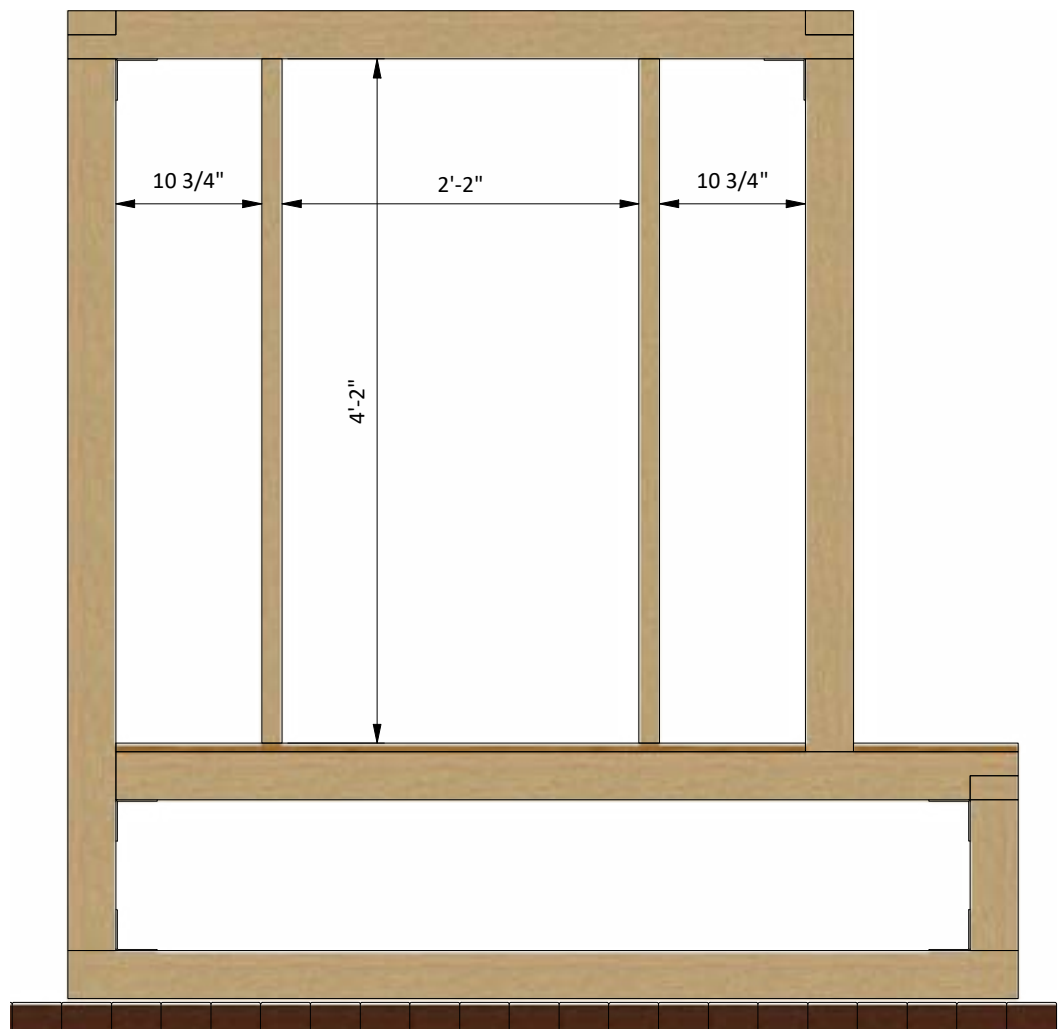
STEP 4

Assemble Front Wall Frame

4.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need two boards cut to 4'-2" that will be studs.

4.2 Connect the beams with 3" wood screws.

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



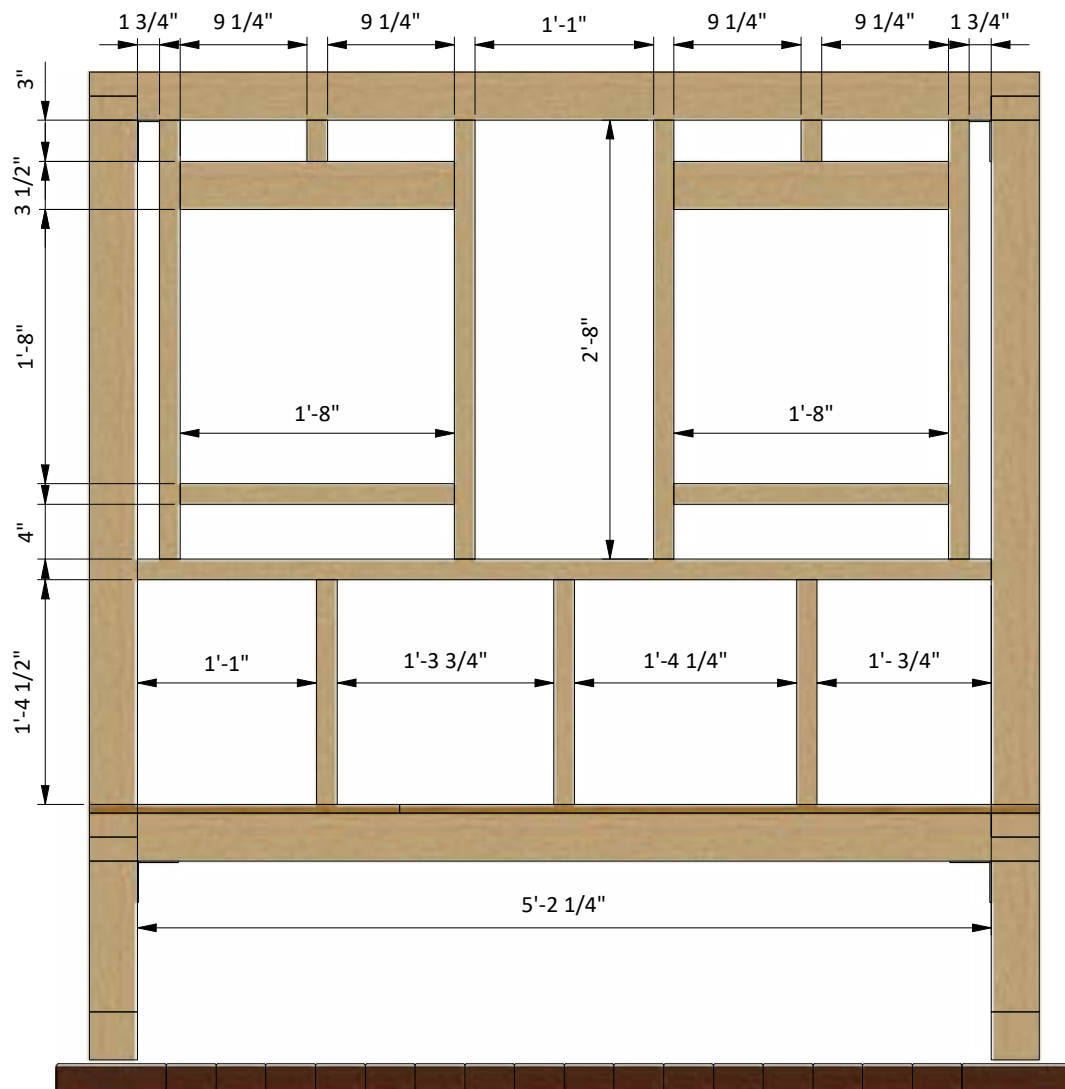
STEP 5

Assemble Right Side Wall Frame

5.1 Using $\frac{3}{4}$ " x $3\frac{1}{2}$ " and $1\frac{1}{2}$ " x $3\frac{1}{2}$ " pressure-treated lumber, construct right side wall frame using the drawing below as a reference. You will need four boards cut to 2'-8" and three boards cut to 1'-4 $\frac{1}{2}$ " that will be studs, two boards cut to 3" that will be cripple studs, six boards cut to 1'-8" that will be the window headers and rough sills and one board cut to 5'-2 $\frac{1}{4}$ " that will be the bottom beam.

5.2 Connect the beams with 3" and 5" wood screws.

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



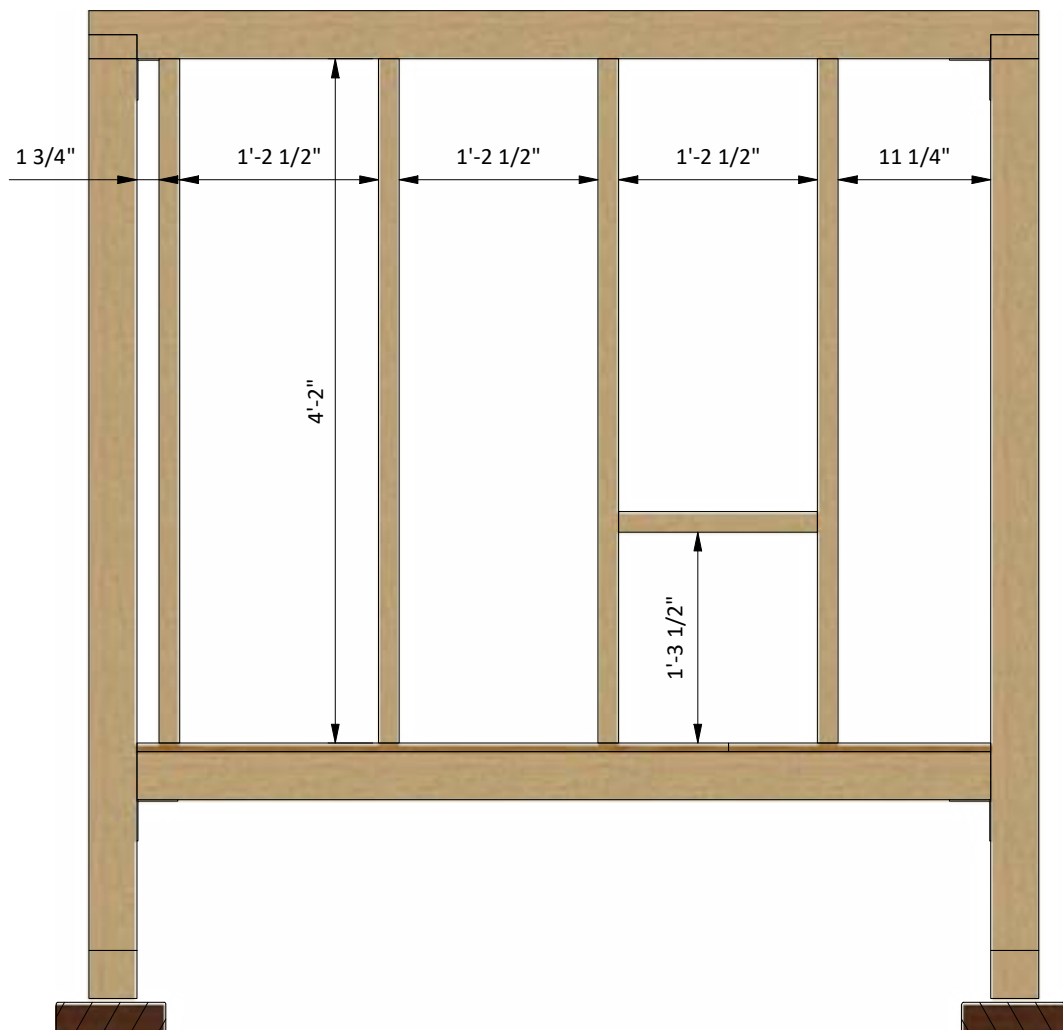
STEP 6

Assemble Left Side Wall Frame

6.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct left side wall frame using the drawing below as a reference. You will need four boards cut to 4'-2" that will be studs and one board cut to 1'-2 1/2" that will be the door header.

6.2 Connect the beams with 3" wood screws.

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



STEP 7

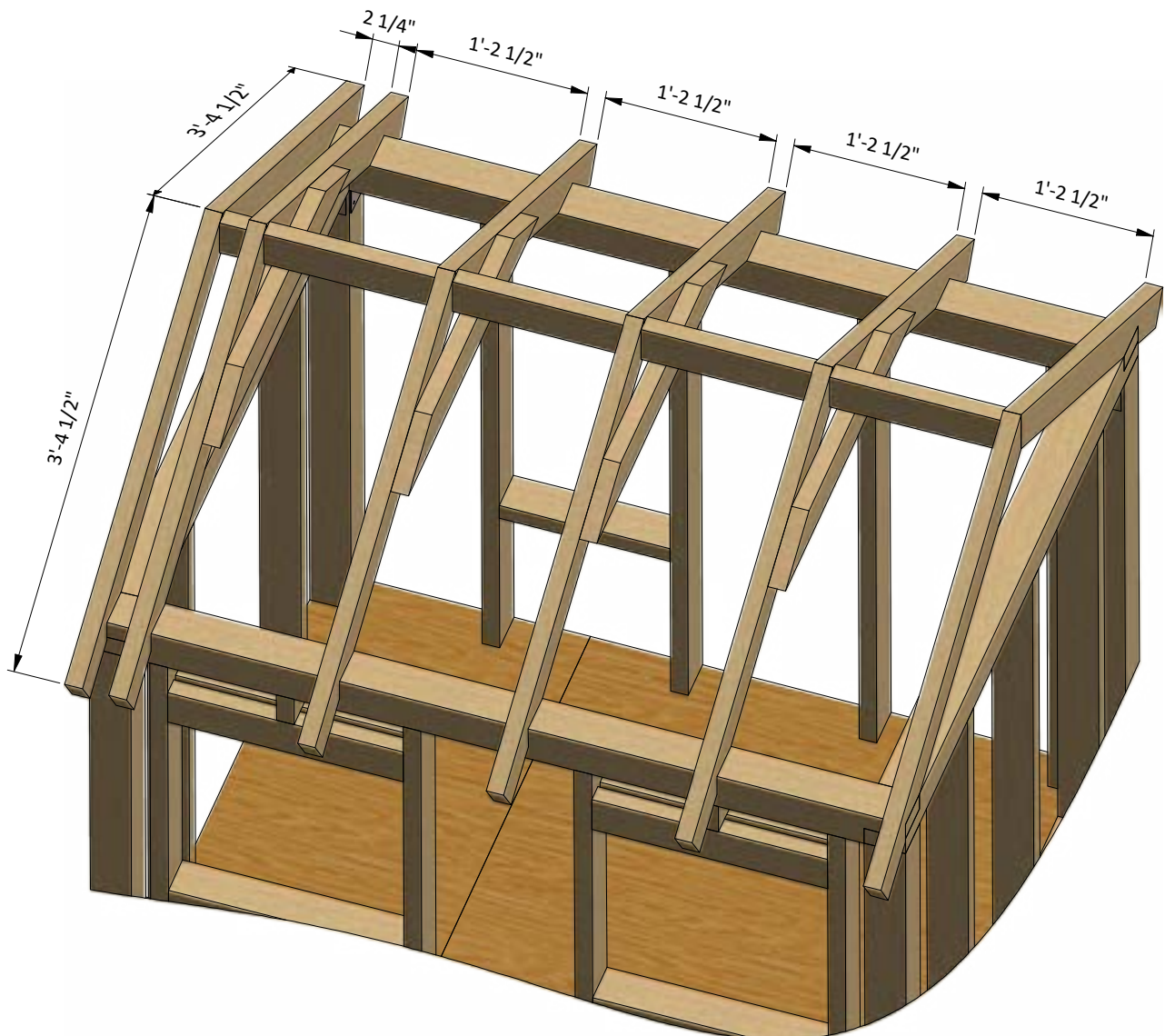
Assemble the Roof Frame

7.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, cut twelve rafters 3'-4 1/2" long according to the dimensions in drawings below.

7.2 Using 1 1/2" x 3 1/2" pressure-treated lumber, cut four collar ties 2'-8" long according to the dimensions in drawings below.

7.3 Using 1 1/2" x 3 1/2" pressure-treated board, cut one board 2 1/4" long and four boards cut to 1'-2 1/2" long that will be ridge boards according the illustration below.

7.4 Connect the beams with 3" and 5" wood screws.

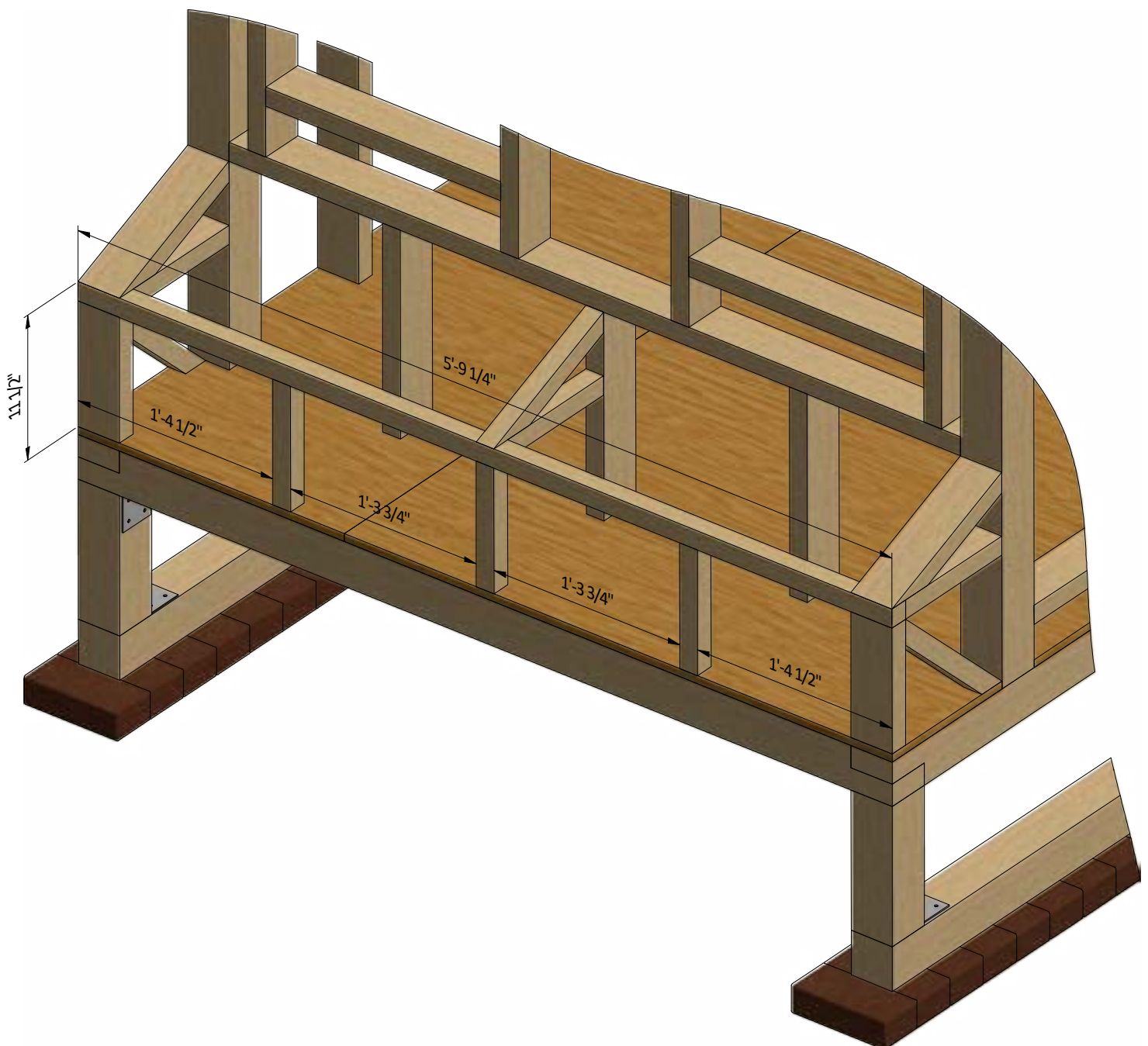


STEP 8

Nesting Box Frame Assembly

8.1 Using 1 1/2" x 1 1/2" and 1 1/2" x 3 1/2" pressure-treated lumber, assemble the frame for the nesting box using the illustrations below as a guide. You will need one board cut to 5'-9 1/4" and five boards cut to 10" that will be front girts, three boards cut to 1'-1" and three boards cut to 10 1/2" that will be top girts and two boards cut to 1'-2 1/2" that will be cross braces.

8.2 Make sure to provide slope for the lid of the nesting box.



STEP 9

Assemble and Install Front Door

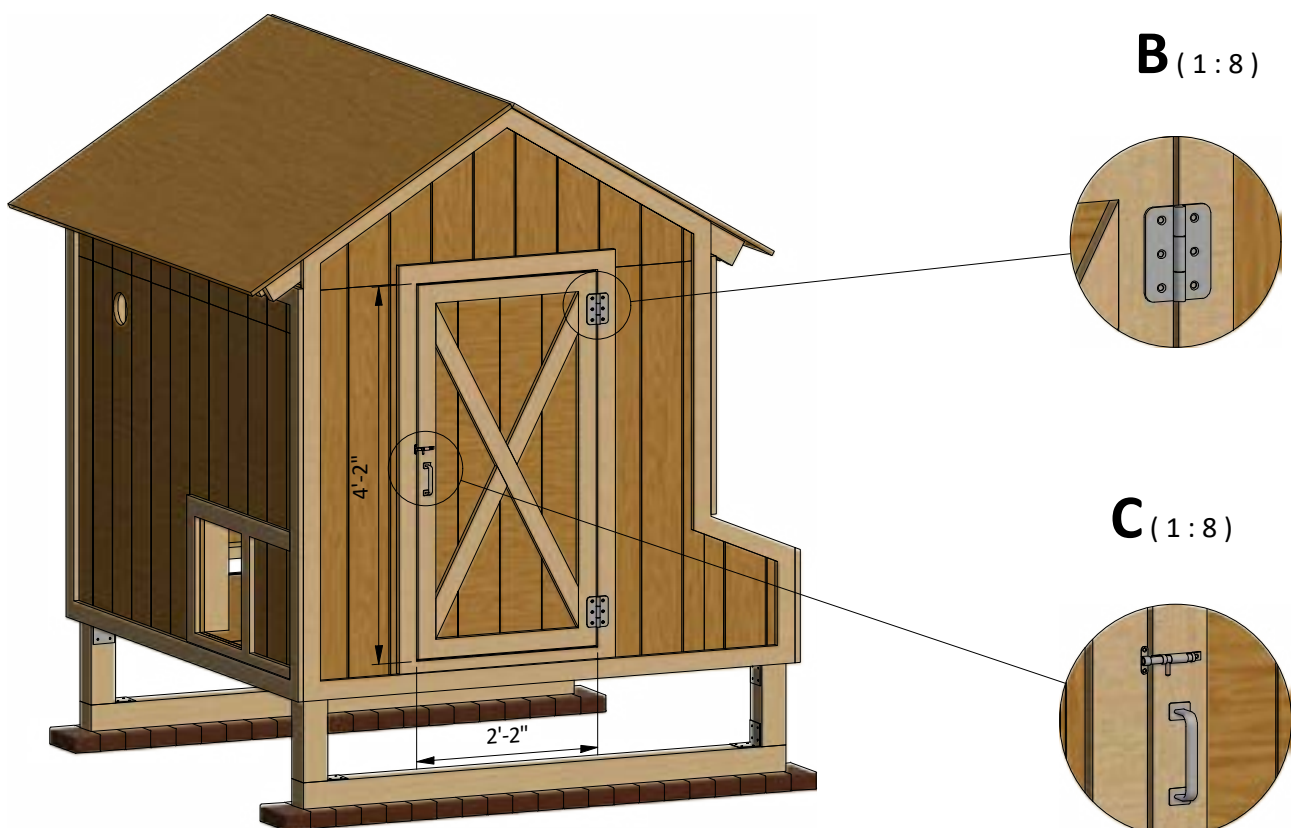
9.1 Build the door frame using 1 1/2" x 3 1/2" pressure-treated lumber and secure with 3" wood screws. You will need two boards cut to 4'-1 1/2" that will be the vertical girts, two boards cut to 1'-10 1/2" that will be the horizontal girts and one board cut to 4'-3 1/2" that will be cross brace.

9.2 Prepare one 5/8" plywood sheet with dimensions 2'-1 1/2" x 4'-1 1/2" for the inner door sheathing according to the drawing. Prepare sheet of 11/32" treated wood siding with dimensions 2'-1 1/2" x 4'-1 1/2" for the outer door sheathing according to the drawing.

9.3 Cut sheet of 3" foam board insulation for the inner door sheathing. You will need to cut one 1'-10 1/2" x 3'-7 1/4" sheet and divide it diagonally.

9.4 Use 3/4" x 2 1/2" pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 4'-1 1/2", two boards cut to 1'-8 1/2", two boards cut to 1'-11 3/4" and one board cut to 4'-3/4".

9.5 Install two 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching one 6" door handle and 3" surface bolt (see nodes **B**, **C**).



STEP 10

Assemble and Install Windows

You will need to prepare two windows.

10.1 Using 1 1/2" x 1 1/2" pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. You will need four boards cut to 1'-7 1/2" that will be the vertical and horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

10.2 Prepare and install 1'-5 1/4" x 1'-5 1/4" glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

10.3 Insert window into wall openings and connect them with 3" wood screws to the wall beams.



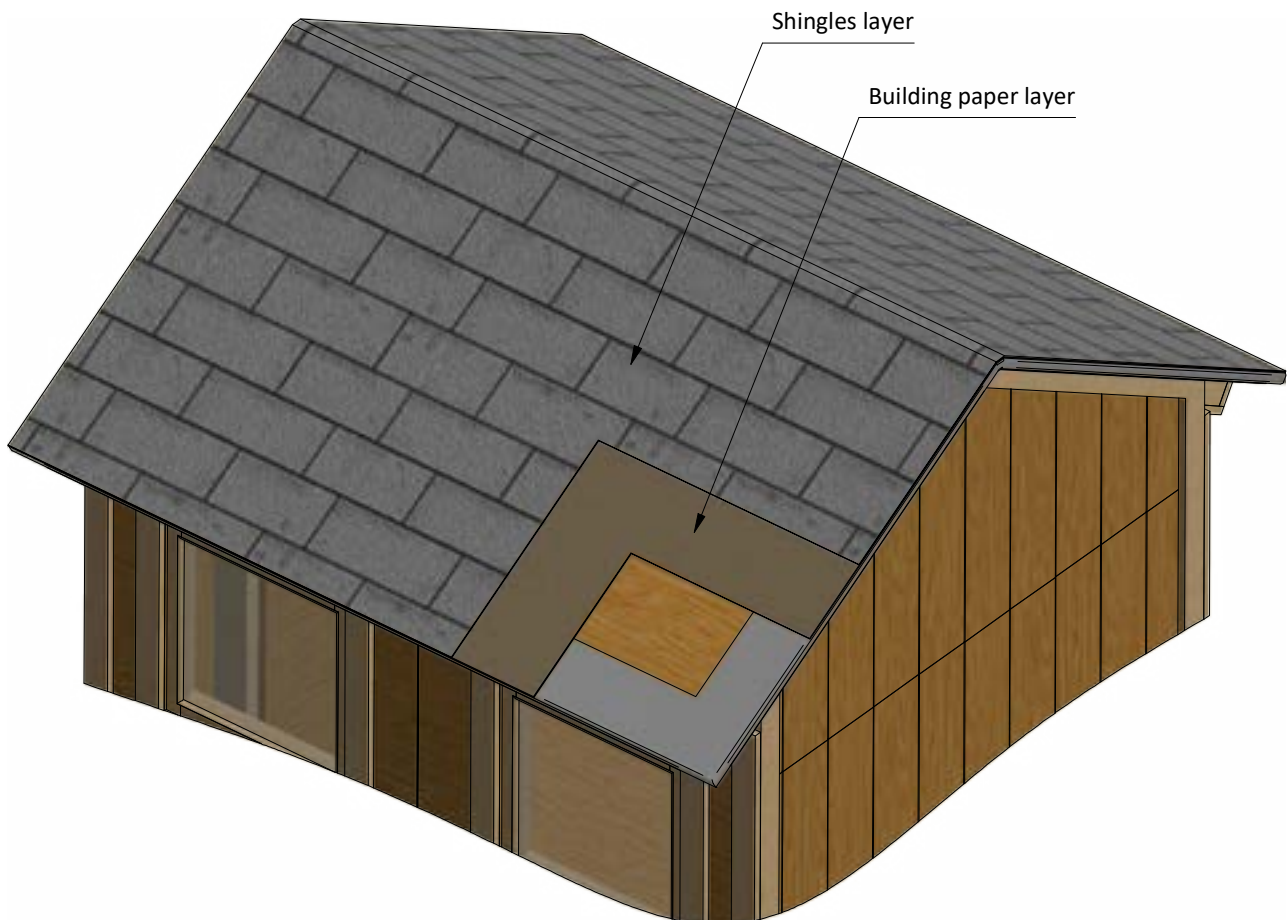
STEP 11

Coop's Roof Sheathing Installation

11.1 You will need 46 Sq Ft of building paper and asphalt shingle roofing.

11.2 Cover the plywood and drip edge with building paper. Try to install sheets with 1" overlapping. Use 2" nails to secure the sheets.

11.3 Install asphalt shingle roofing using an industrial stapler.



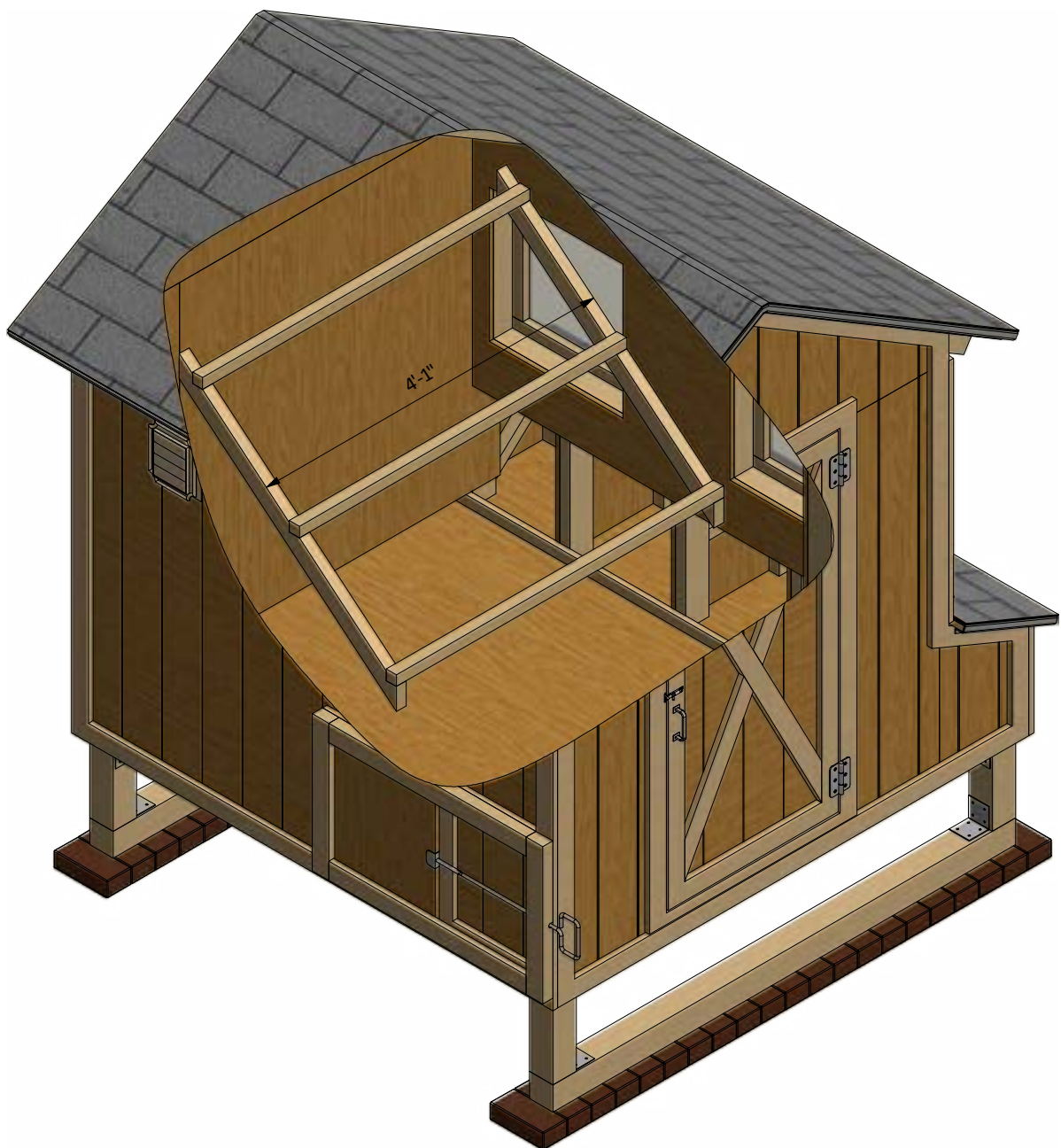
STEP 12

Assemble The Roost

12.1 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'-8 1/4" and three boards cut to 4'-1".

12.2 Connect the beams with 2" wood screws.

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



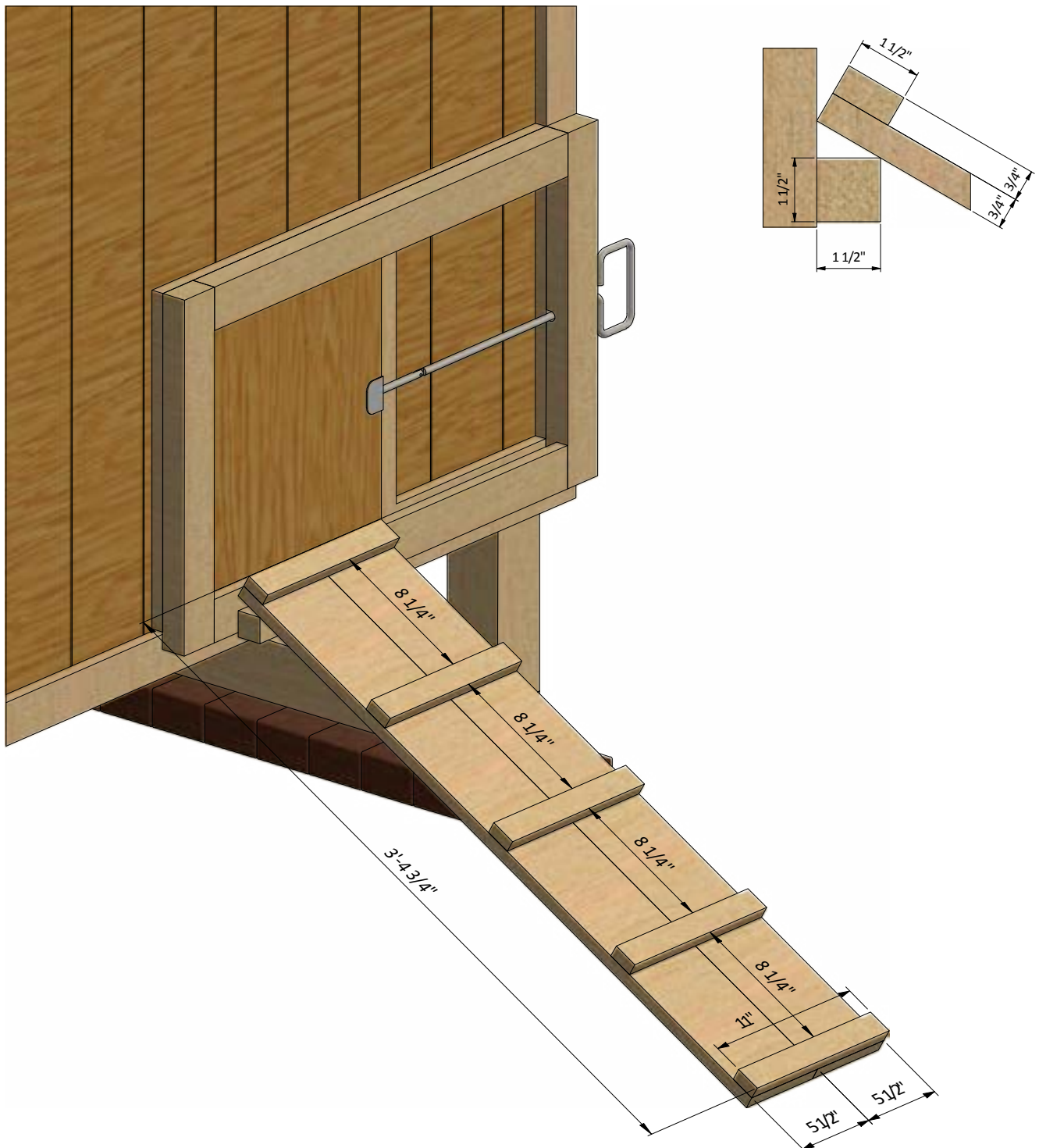
STEP 13

Assemble The Chicken Ladder

13.1 Assemble the ladder using $\frac{3}{4}$ " x $1\frac{1}{2}$ " and $\frac{3}{4}$ " x $5\frac{1}{2}$ " pressure-treated material. You will need two boards cut to $3'-4\frac{3}{4}$ " and four boards cut to 11".

13.2 Connect the beams with 2" wood screws.

13.3 Install the roost at the studs with the help of 2" screws.

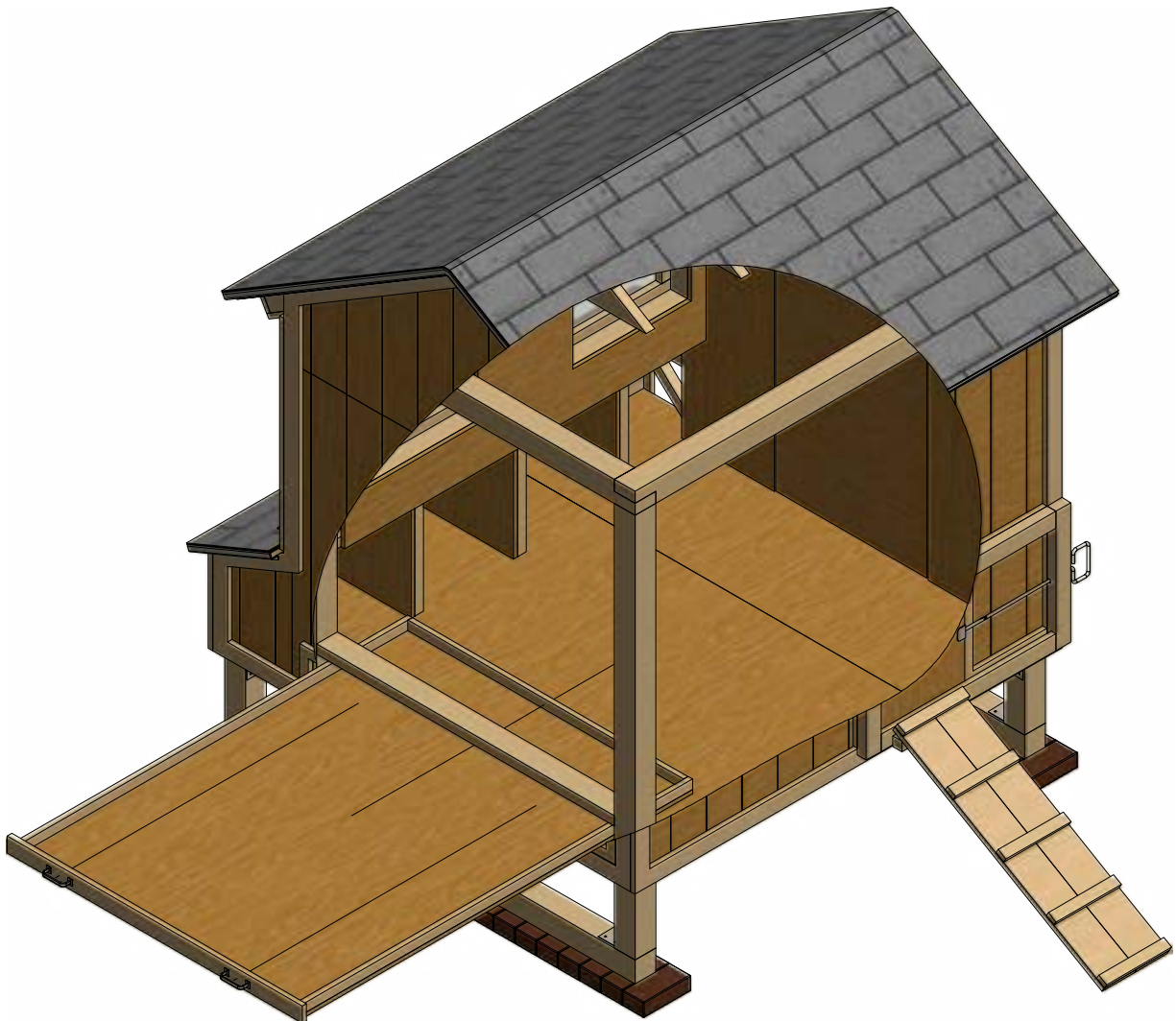


STEP 14

Assemble The Litter Tray

14.1 Assemble the litter tray using $\frac{3}{4}$ " x $1\frac{1}{2}$ " and $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated material and $\frac{5}{8}$ " plywood. You will need two boards cut to $5'-5\frac{3}{4}"$, one board cut to $3'-10\frac{1}{2}"$ and one board cut to $4'-1\frac{3}{4}"$. Assemble the frame and put one $4' \times 5'-5\frac{3}{4}"$ sheet of plywood at the bottom. Finish the tray installation by attaching two 6" door handles.

14.2 Connect the beams and plywood with 2" wood screws.



STEP 15

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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Additional Blueprints	✗	✓
Tools List	✗	✓
Fastening Elements List	✗	✓
Technical Support	✗	✓

TRY PREMIUM



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