



4'x6' Chicken House Plan

Designed for up to 6 chickens

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4'x6' Chicken House Material List

Main Frame

- Pressure-Treated Lumber

Side Walls Frames

- Pressure-Treated Lumber

Coop's Roof

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

Coop's Window

- Pressure-Treated Lumber
- Window beading
- Glass

Side Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Floor Frame

- Pressure-Treated Lumber
- Plywood

Fasteners & Hardware

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

Coop's Door

- Pressure-Treated Lumber
- Wood siding boards
- Plywood

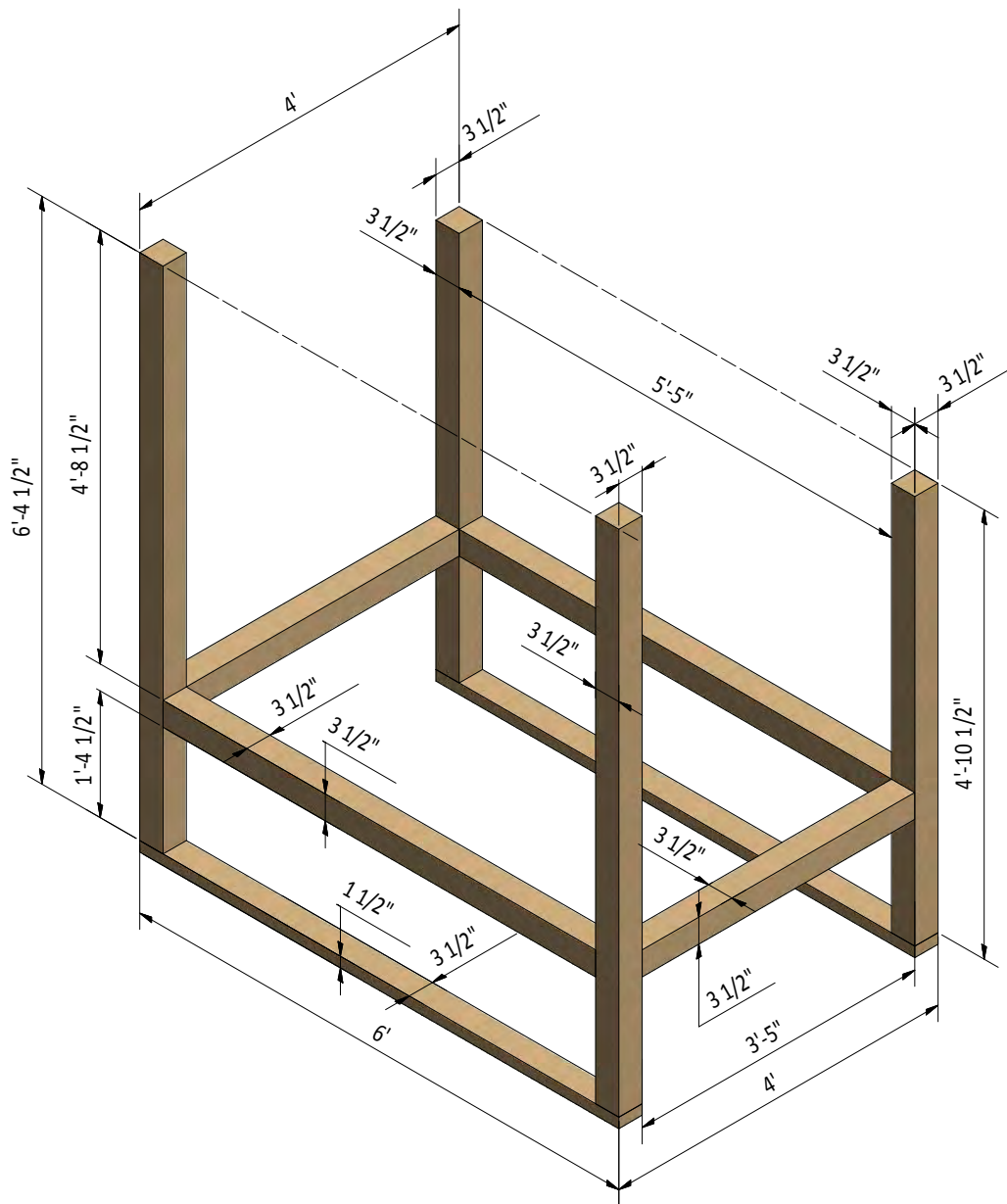
STEP 1

Assemble the Main Frame

1.1 Using $1\frac{1}{2}$ " x $3\frac{1}{2}$ " and $3\frac{1}{2}$ " x $3\frac{1}{2}$ " pressure-treated lumber, construct main frame using the drawing below as a reference. You will need two boards cut to 6' that will be the bottom plates, two boards cut to 6'-4 $\frac{1}{2}$ " that will be the front studs, two boards cut to 4'-10 $\frac{1}{2}$ " that will be the back side studs, two boards cut to 3'-5" and two boards cut to 5'-5" that will be the floor joists.

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

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



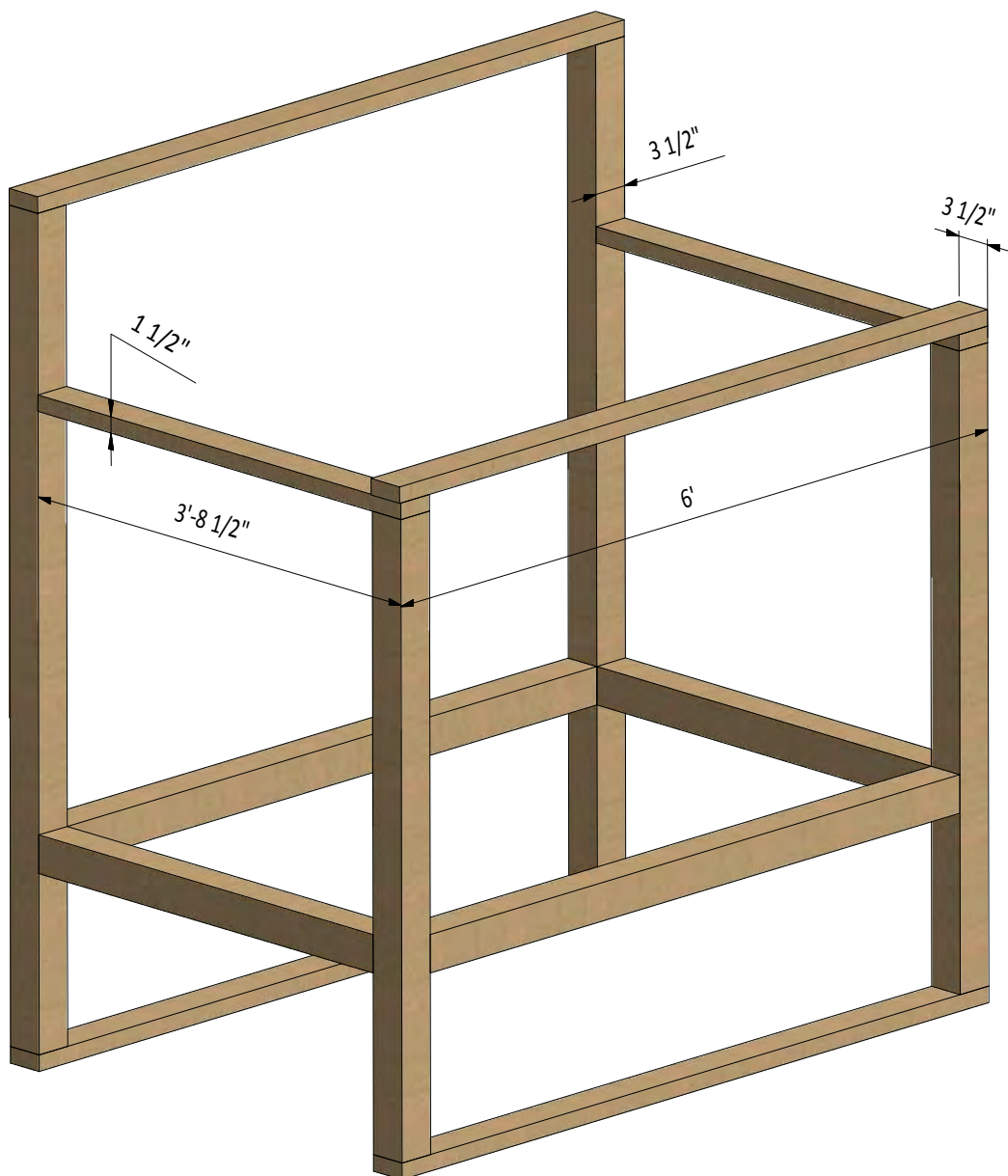
STEP 2

Assemble the Top Beams

2.1 Assemble the beams using $1\frac{1}{2}'' \times 3\frac{1}{2}''$ pressure-treated lumber. You will need two boards cut to $3'-8\frac{1}{2}''$ and one board cut to $6'$.

2.2 Connect the beams with $2 \times 5''$ wood screws.

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



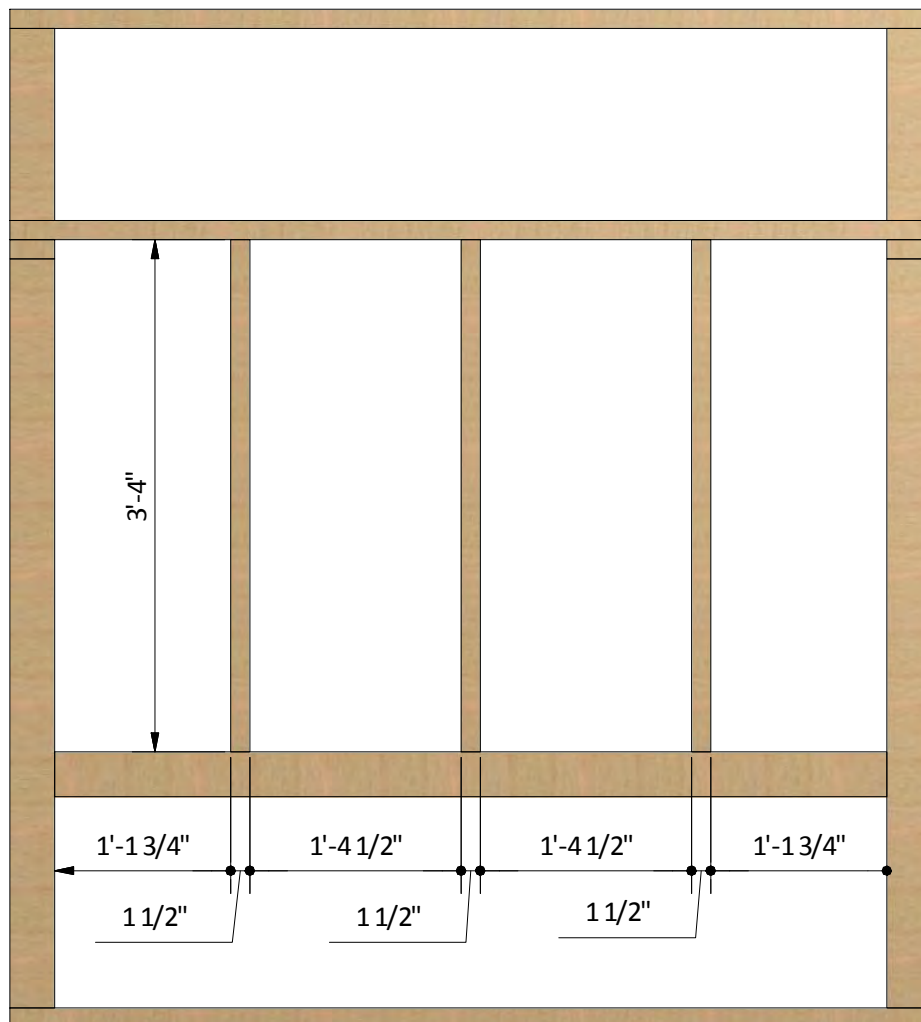
STEP 3

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'-4" that will be the studs.

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

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



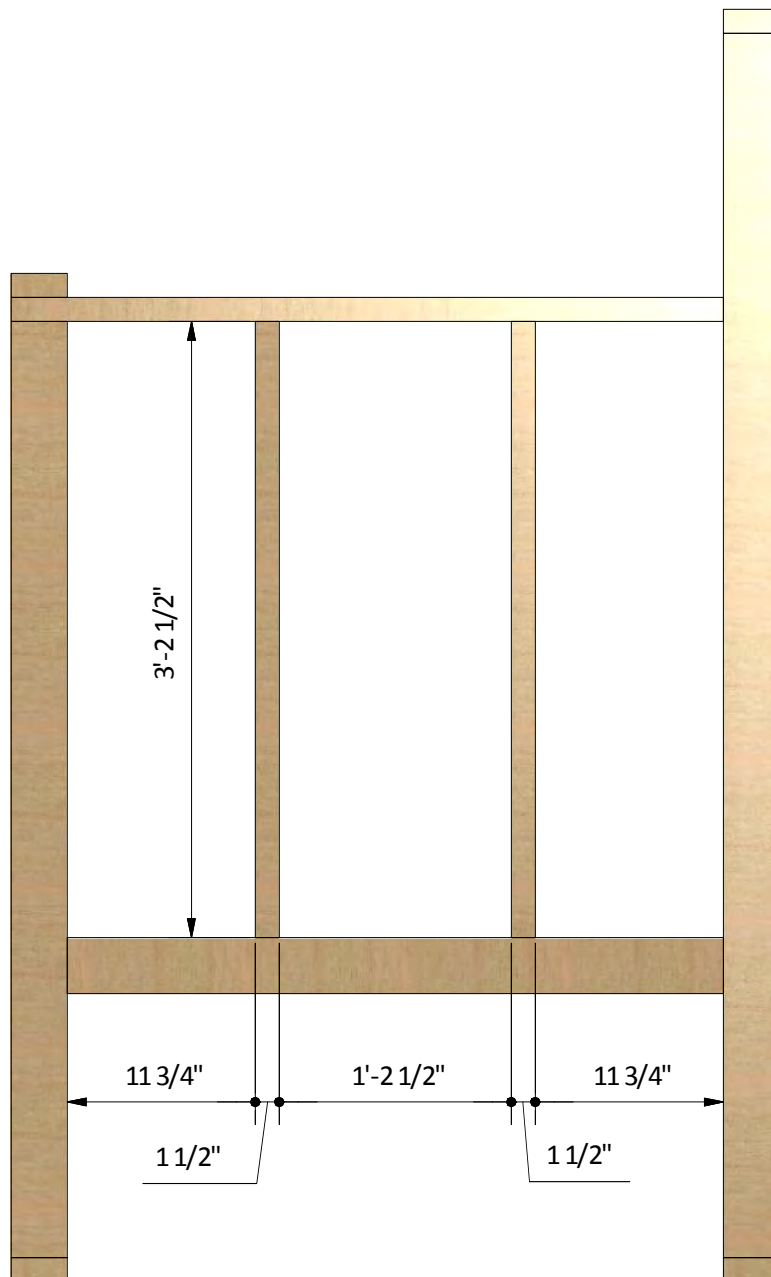
STEP 4

Assemble Left Wall Frame

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

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

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



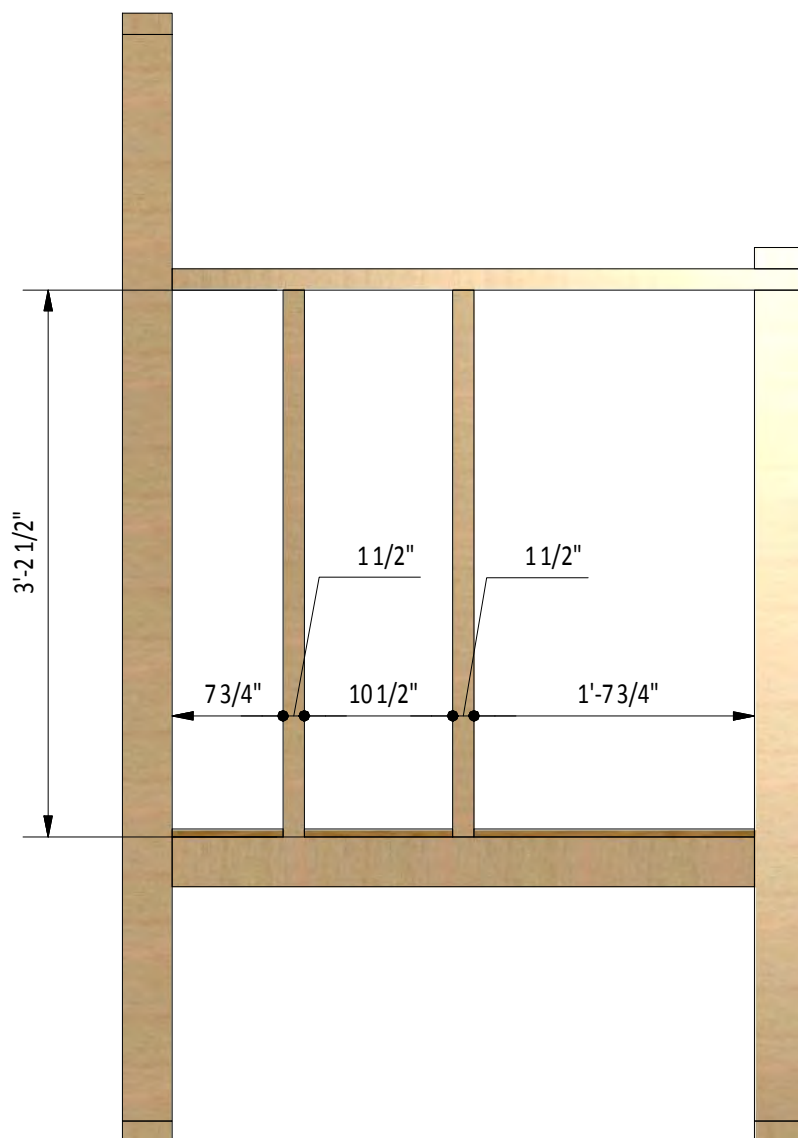
STEP 5

Assemble Right Wall Frame

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

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

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



STEP 6

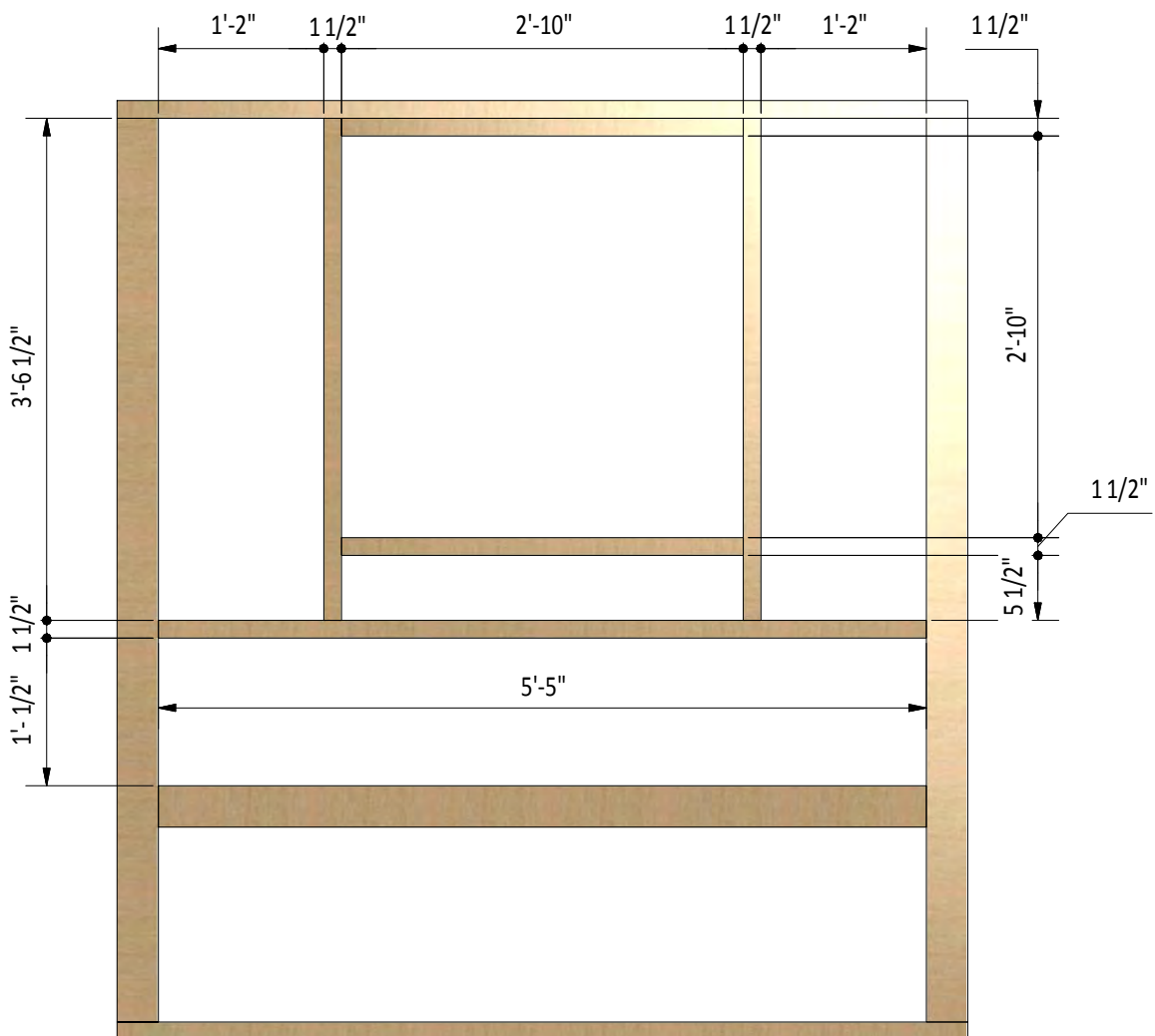
Assemble Front Wall Frame

6.1 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 3'-6 1/2" that will be the studs, two boards cut to 2'-10" that will be the window header and rough sill and one board cut to 5'-5" that will be bottom plate.

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

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

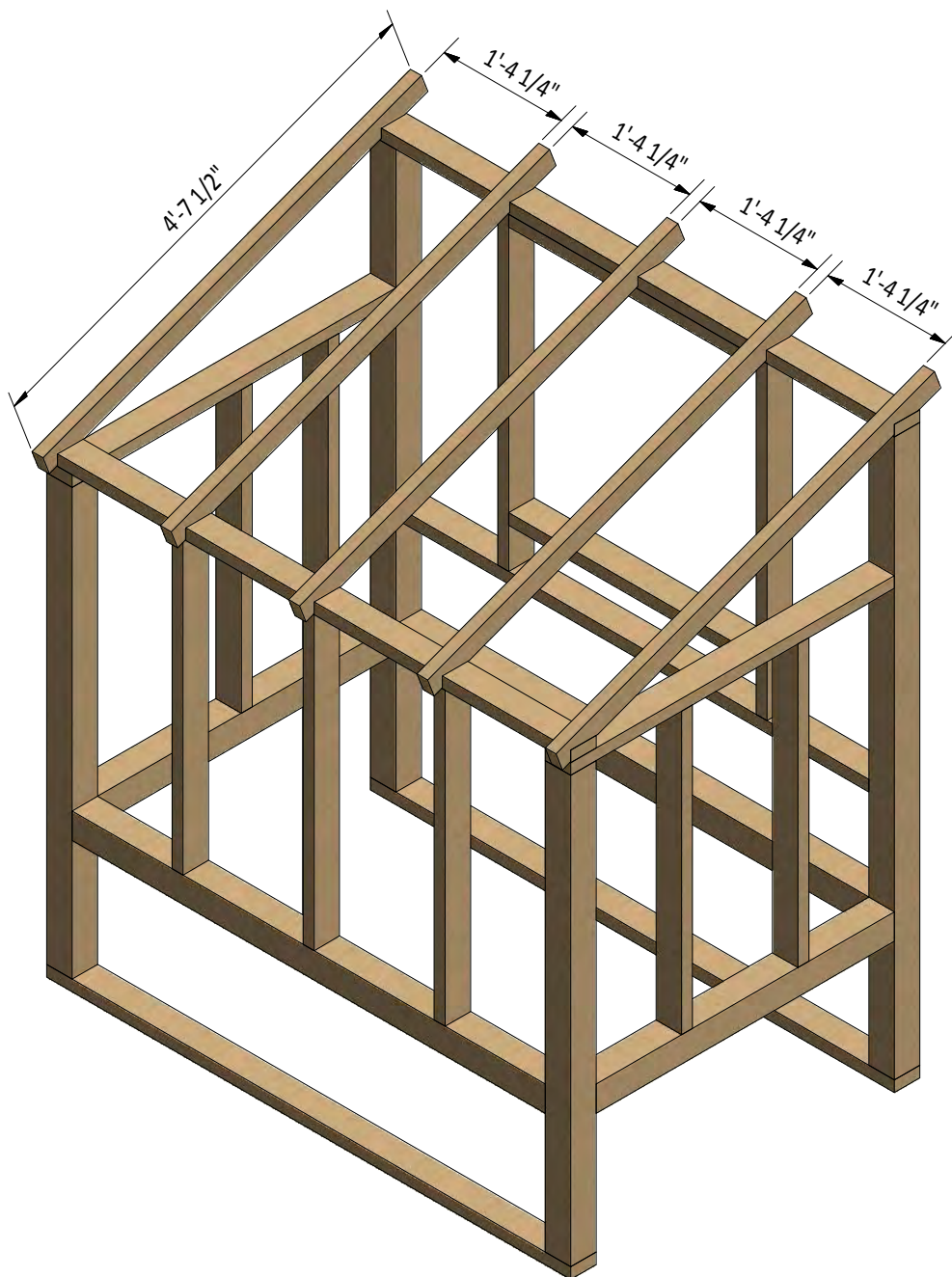


STEP 7

Assemble The Roof Frame

7.1 Using 1 1/2 " x 2 1/2 " pressure-treated lumber, cut five rafters 4'-7 1/2" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

7.2 Connect the beams with a top frame with the help of 3" wood screws.



STEP 8

Assemble and Install Right Wall Door

8.1 Build the door frame for the coop using 1 1/2 " x 1 1/2 " and 1 1/2 " x 2 1/2 " pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to 3'-1 1/2" that will be the vertical girts, two boards cut to 1'-2 1/4" that will be the horizontal girts and one board cut to 3'-1 1/4" that will be a cross brace.

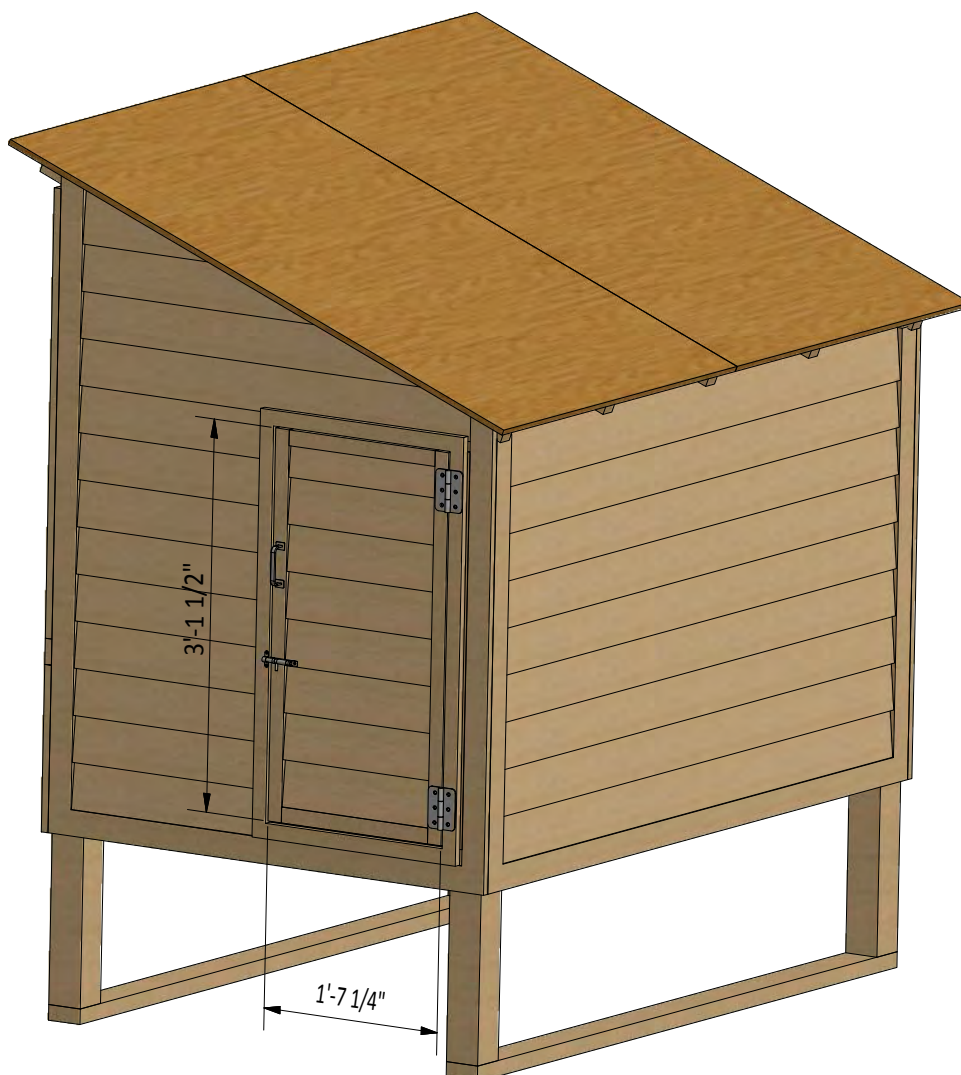
8.2 Use 1 1/2 " x 3/4 " pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 3'-1 1/2" and two boards cut to 1'-4 1/4".

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

8.4 For the exterior siding on the door, use 1/2 " x 6" wood siding boards and the illustration below as a reference.

8.5 Assemble siding shields with 2" galvanized nails.

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



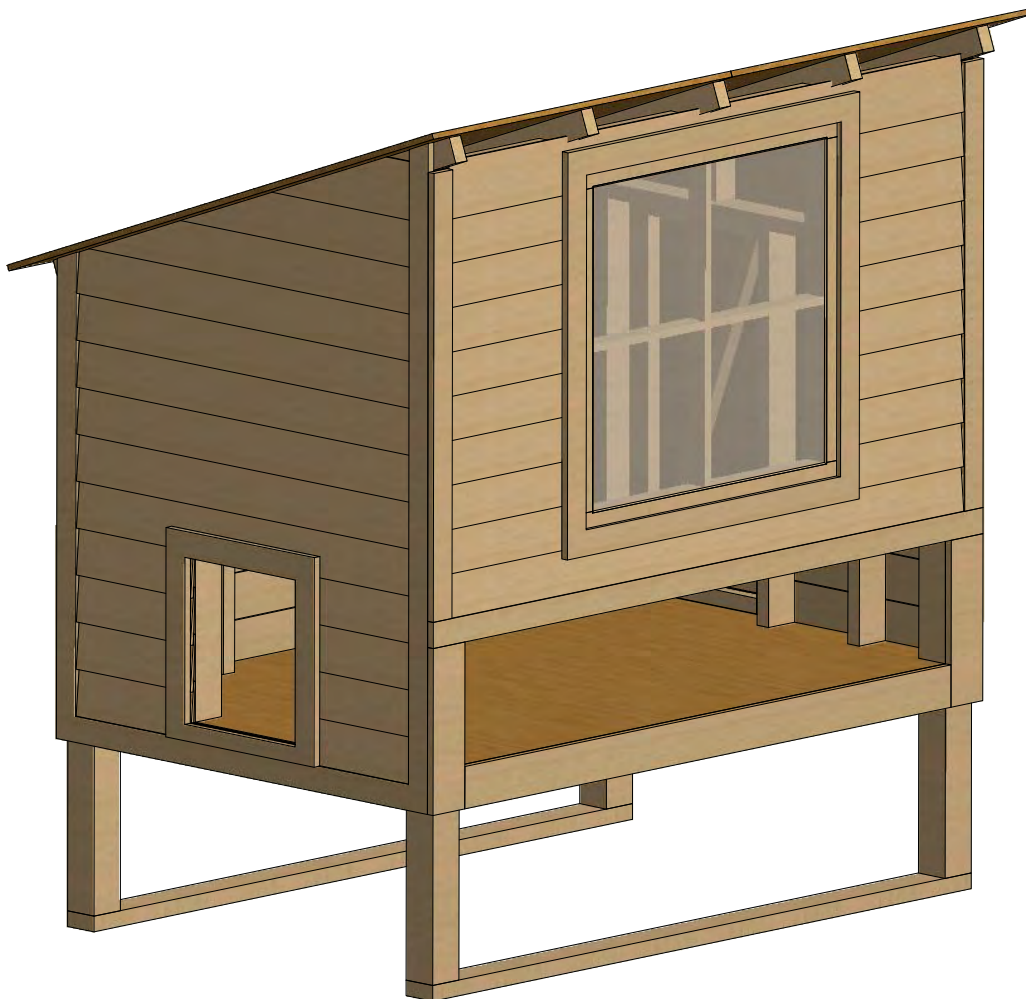
STEP 9

Window Installation for the Front Wall

9.1 Using 1 1/2 " x 2 1/2 " pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. You will need two boards cut to 2'-7" that will be the vertical girts and two boards cut to 2'-10" that will be the horizontal girts.

9.2 Use 3/4 " x 2 1/4 " pressure-treated material to make the inner frame supports and secure with 3 " wood screws. You will need two boards cut to 2'-7" and mill a recess for interconnection.

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



STEP 10

Assemble and Install Front Wall Door

10.1 Build the door frames for the coop using 1 1/2" x 2 1/2" pressure-treated lumber and secure with 4" wood screws. You will need two boards cut to 6 3/4" that will be the vertical girts, two boards cut to 5'-4 3/4" that will be the horizontal girts.

10.2 Use 1 1/2" x 3/4" pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 8 3/4" and two boards cut to 5'-4 3/4".

10.3 Using 1/4" x 3/4" pressure-treated lumber, cut and install a starter course 5'-1 3/4" long.

10.4 For the exterior siding on the door, use 1/2" x 6" wood siding boards and the illustration below as a reference.

10.5 Assemble siding shields with 2" galvanized nails.

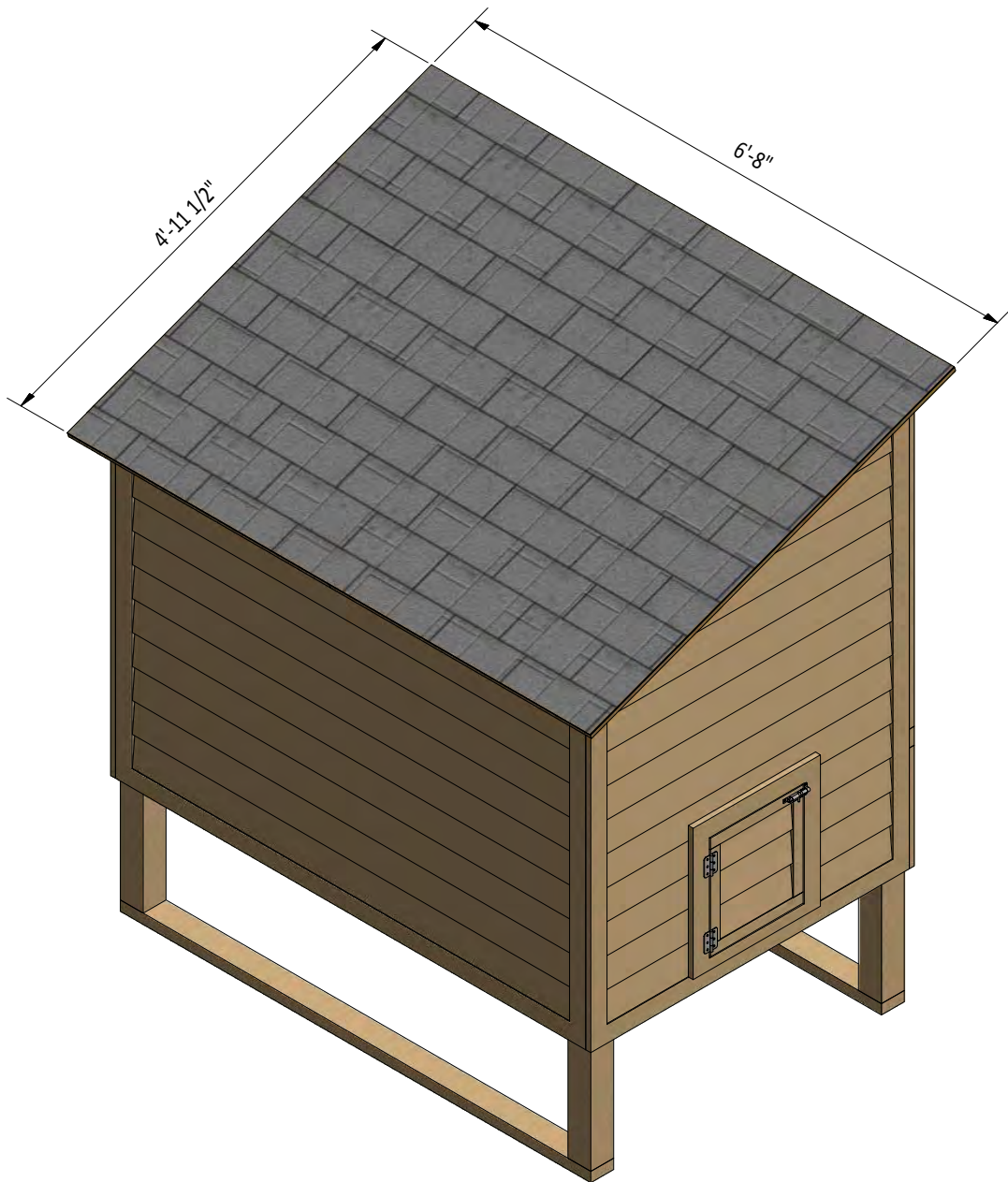
10.6 Install two 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching 4" surface bolts and 4" door pull.



STEP 11

Roof Sheathing Installation

- 11.1 You will need 35 Sq Ft of asphalt shingle roofing.
- 11.2 Add the metal drip edge to the fascias
- 11.3 Cover the plywood with building paper.
- 11.4 Install asphalt shingle roofing using an industrial stapler



STEP 12

Decorate the Coop

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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