



4'x6' Chicken Coop Plan

Up to 6 chickens



Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	18	41
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](#)

4'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

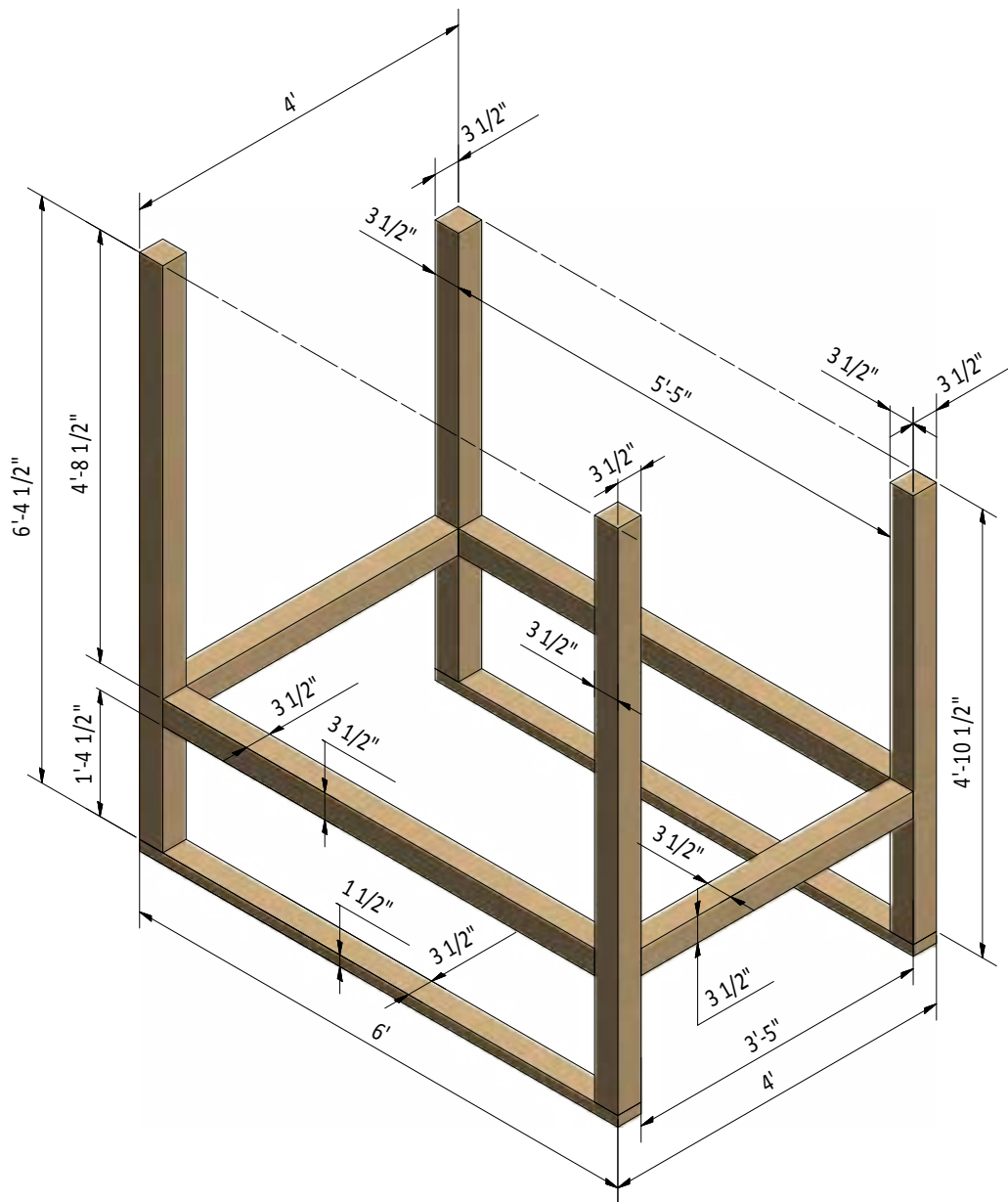
STEP 1

Assemble the Main Frame

1.1 Using $1\frac{1}{2}" \times 3\frac{1}{2}"$ and $3\frac{1}{2}" \times 3\frac{1}{2}"$ 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°.



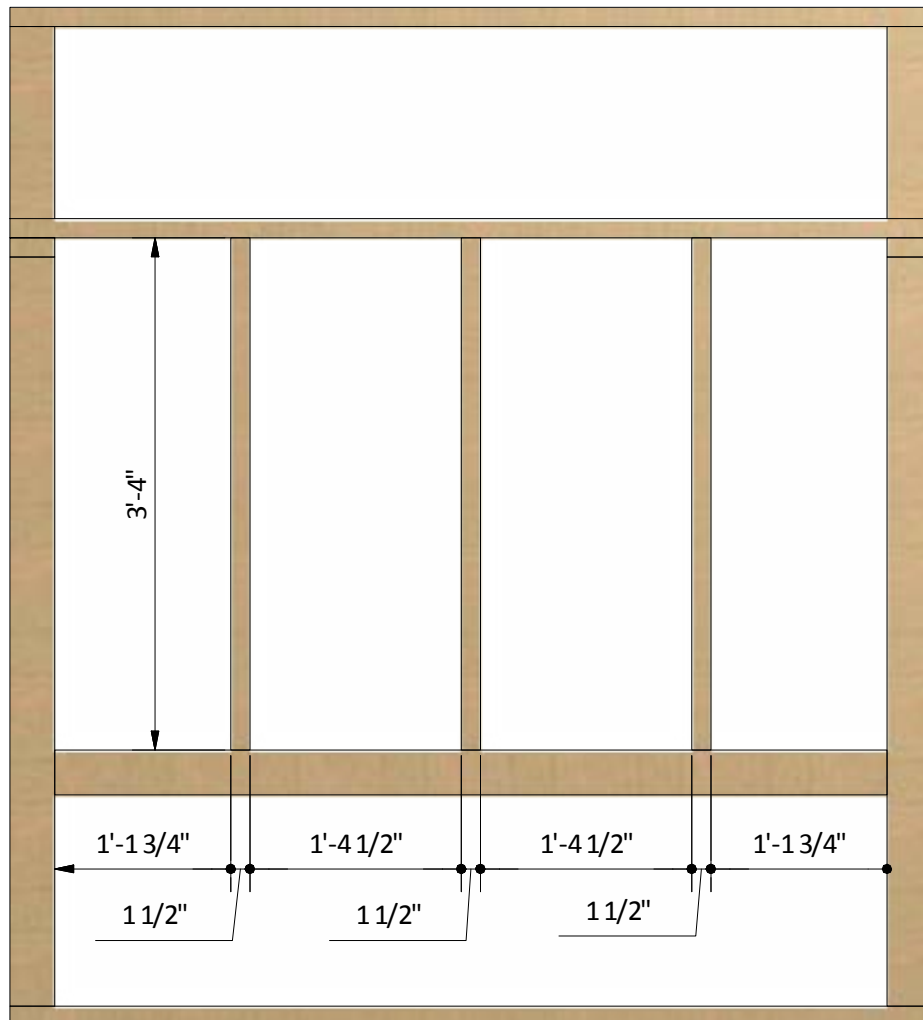
STEP 2

Assemble Back Wall Frame

2.1 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.

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°.



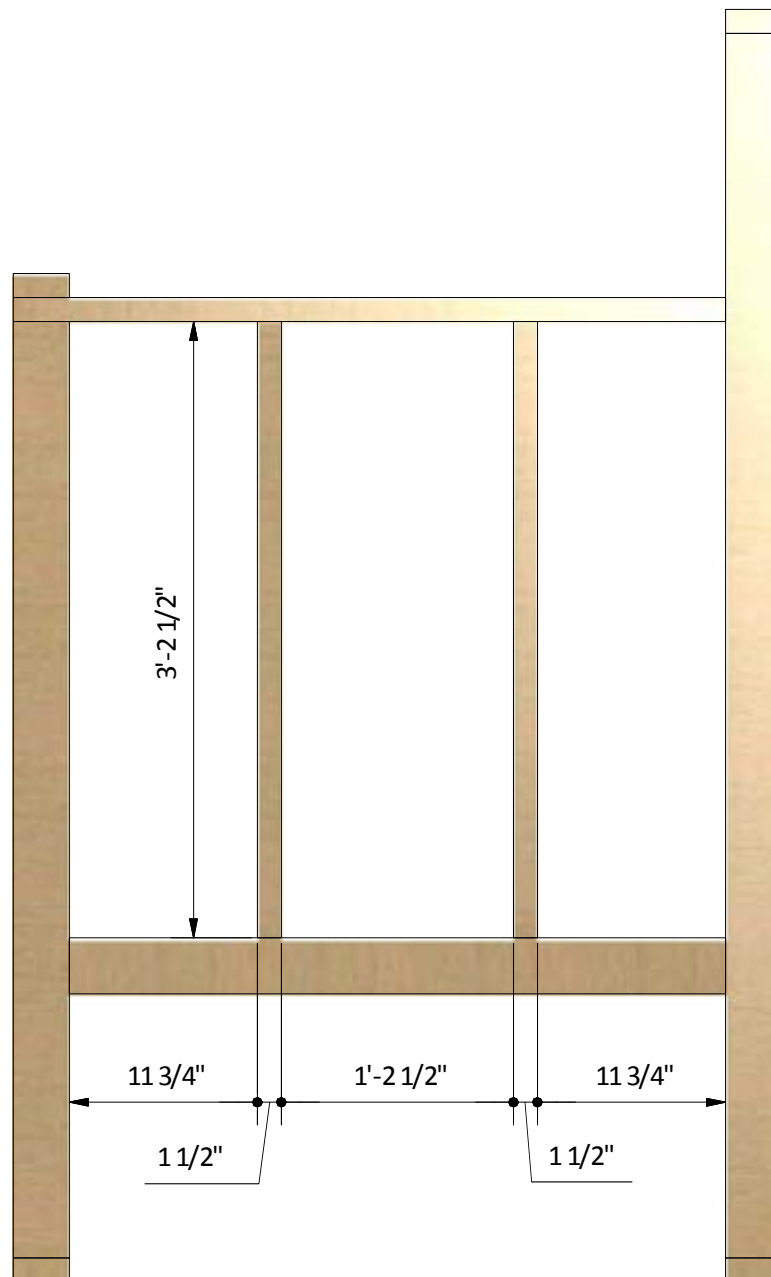
STEP 3

Assemble Left Wall Frame

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

3.2 Connect the beams with 2×3 " and 2×5 " wood screws.

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



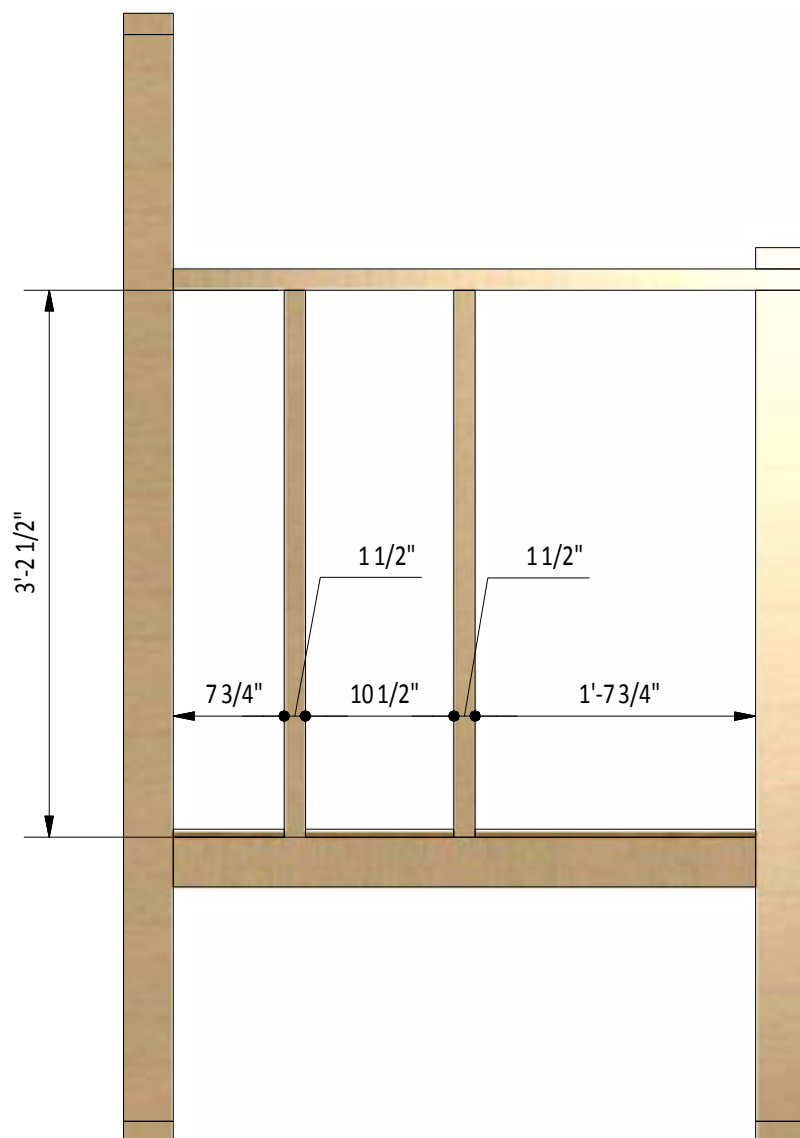
STEP 4

Assemble Right 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°.



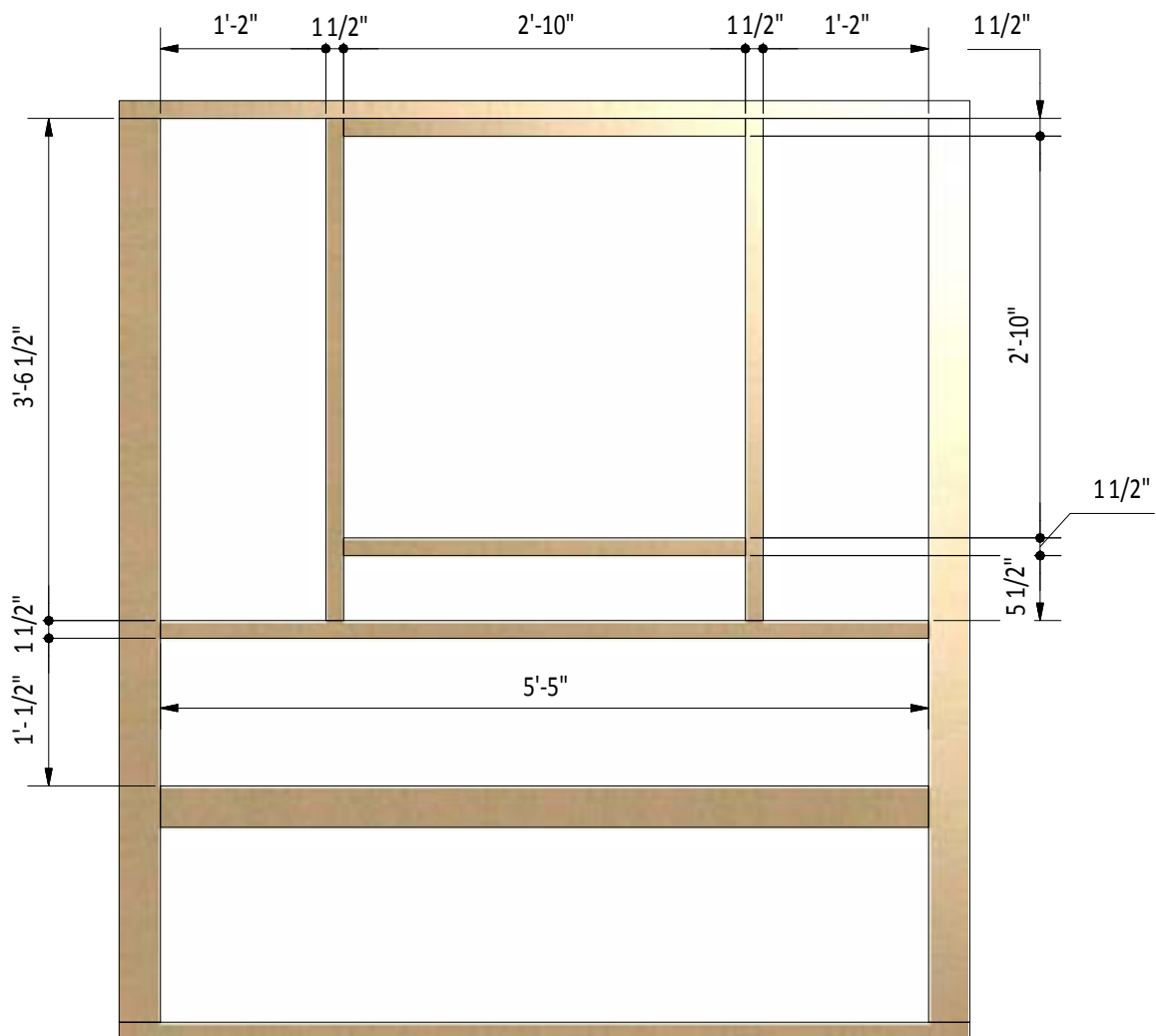
STEP 5

Assemble Front Wall Frame

5.1 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.

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°.

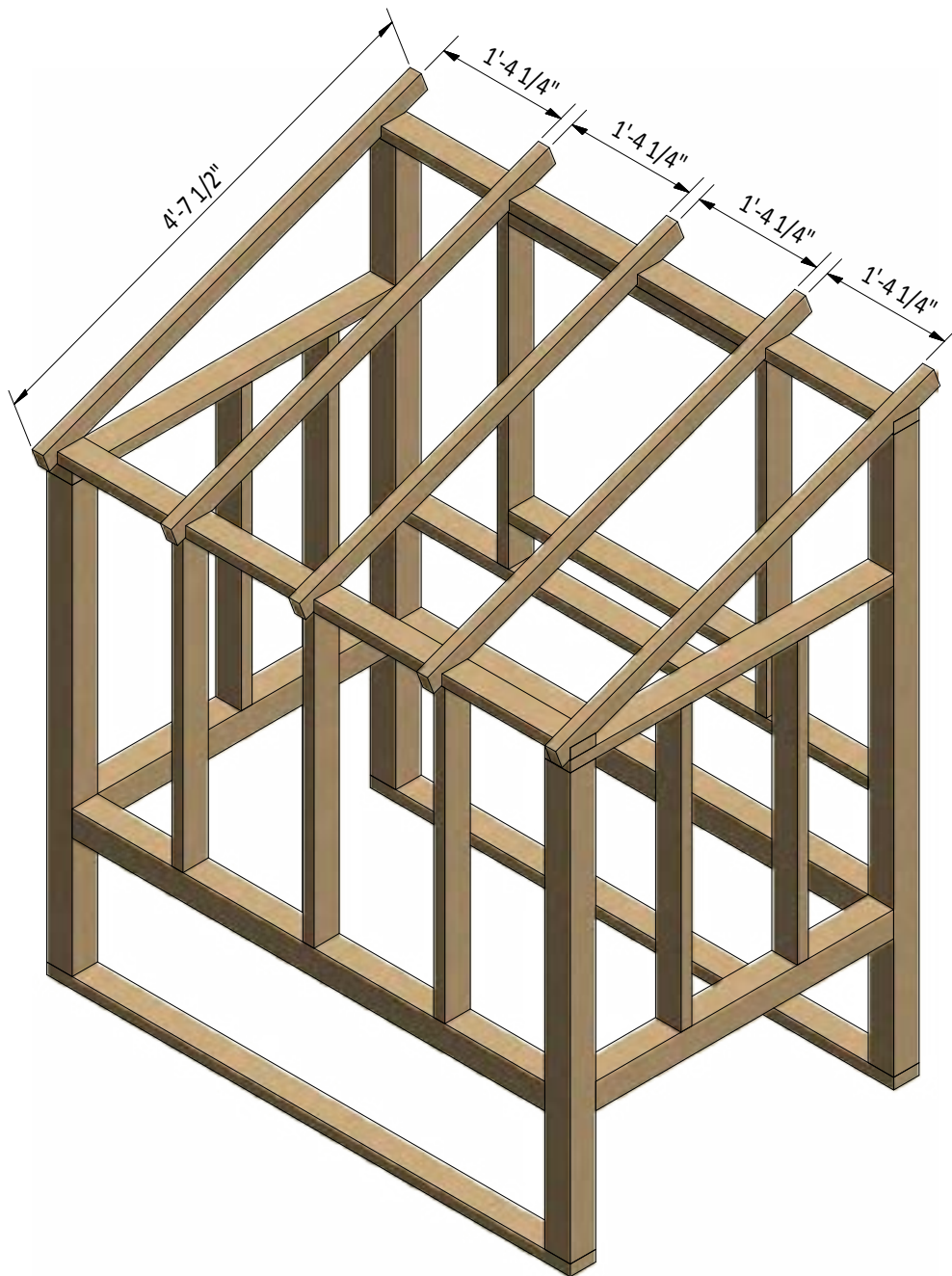


STEP 6

Assemble the Roof Frame

6.1 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.

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



STEP 7

Install the Plywood Floor

7.1 Prepare the 5/8" plywood for the floor sheathing according to the drawing. You will need one 4' x 6' sheet.

7.2 Cut the recesses for connection with wall frames.

7.3 Secure the plywood with 2" wood screws.



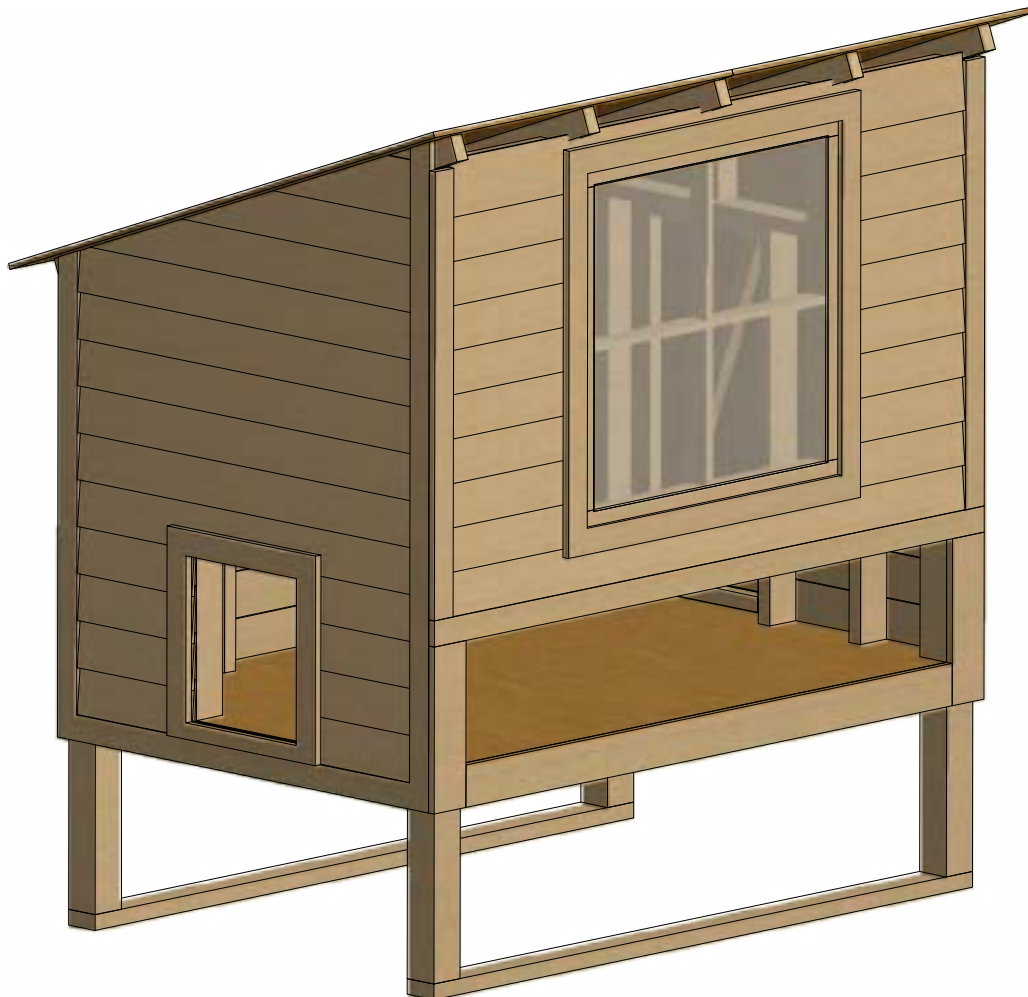
STEP 8

Window Installation for the Front Wall

8.1 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.

8.2 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.

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



STEP 9

Assemble and Install Left Wall Door

9.1 Build the door frame for the coop using $3/4"$ x $2\ 1/2"$ pressure-treated lumber and secure with 4" wood screws. You will need two boards cut to $1'-3\ 3/4"$ that will be the vertical girts, two boards cut to $9\ 1/4"$ that will be the horizontal girts.

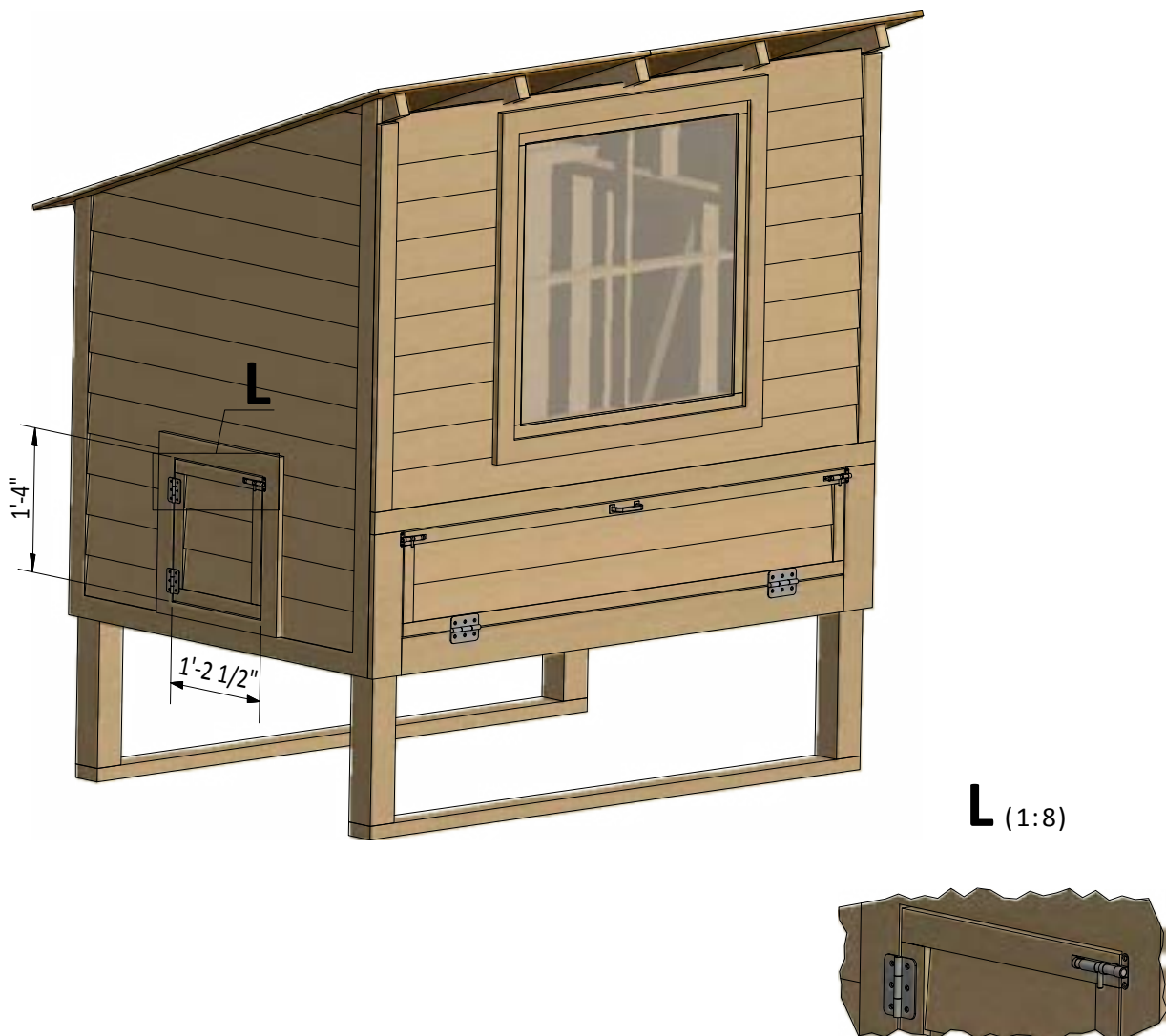
9.2 Use $1\ 1/2"$ x $3/4"$ pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to $1'-2\ 1/4"$ and two boards cut to $1'-3/4"$.

9.3 Using $1/4"$ x $3/4"$ pressure-treated lumber, cut and install a starter course $11\ 1/4"$ long.

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

9.5 Assemble siding shields with 2" galvanized nails.

9.6 Install two 2" door hinges using 6x1" wood screws. Finish the doors installation by attaching 4" surface bolt (see node L).



STEP 10

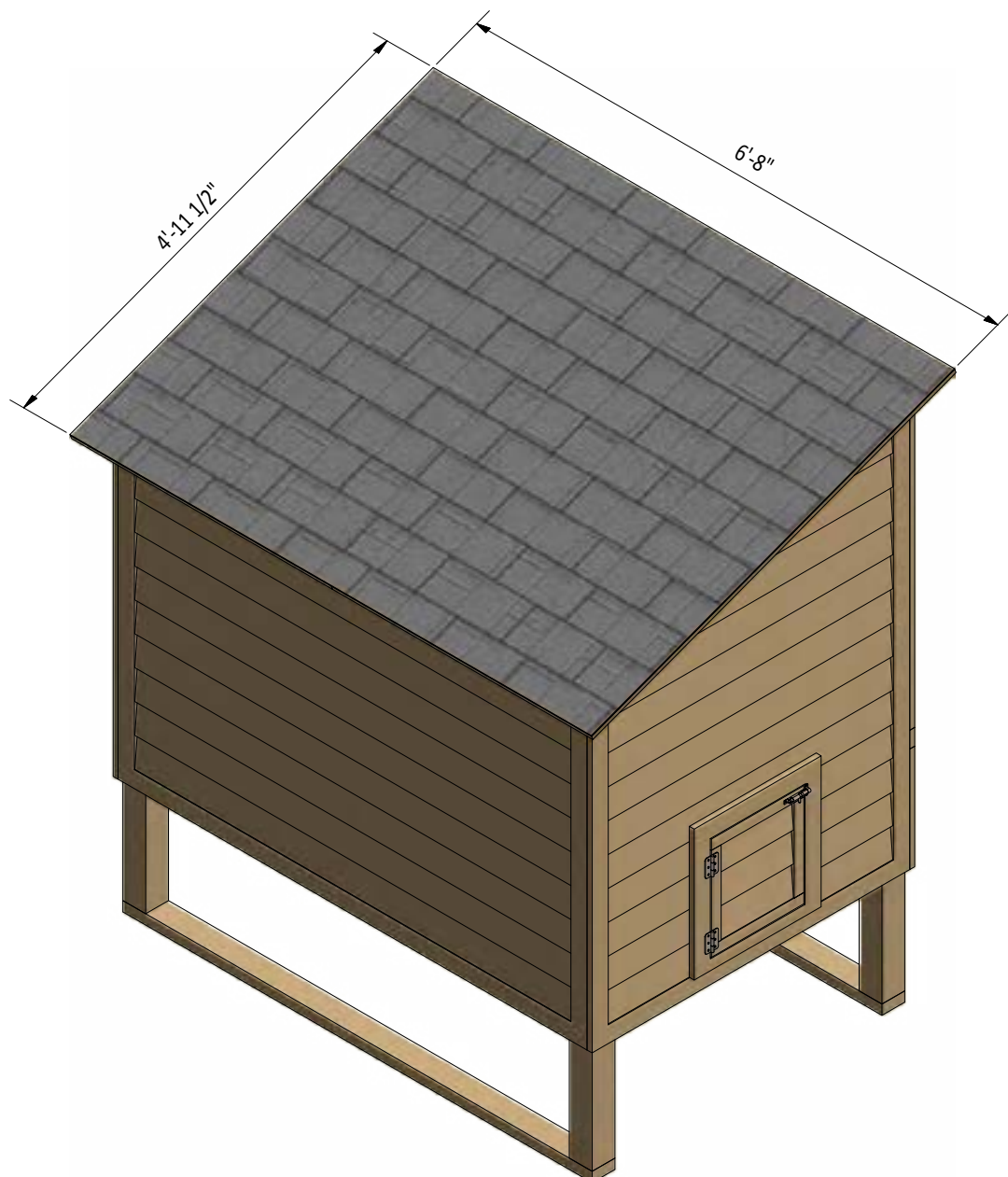
Roof Sheathing Installation

10.1 You will need 35 Sq Ft of asphalt shingle roofing.

10.2 Add the metal drip edge to the fascias.

10.3 Cover the plywood with building paper.

10.4 Install asphalt shingle roofing using an industrial stapler.

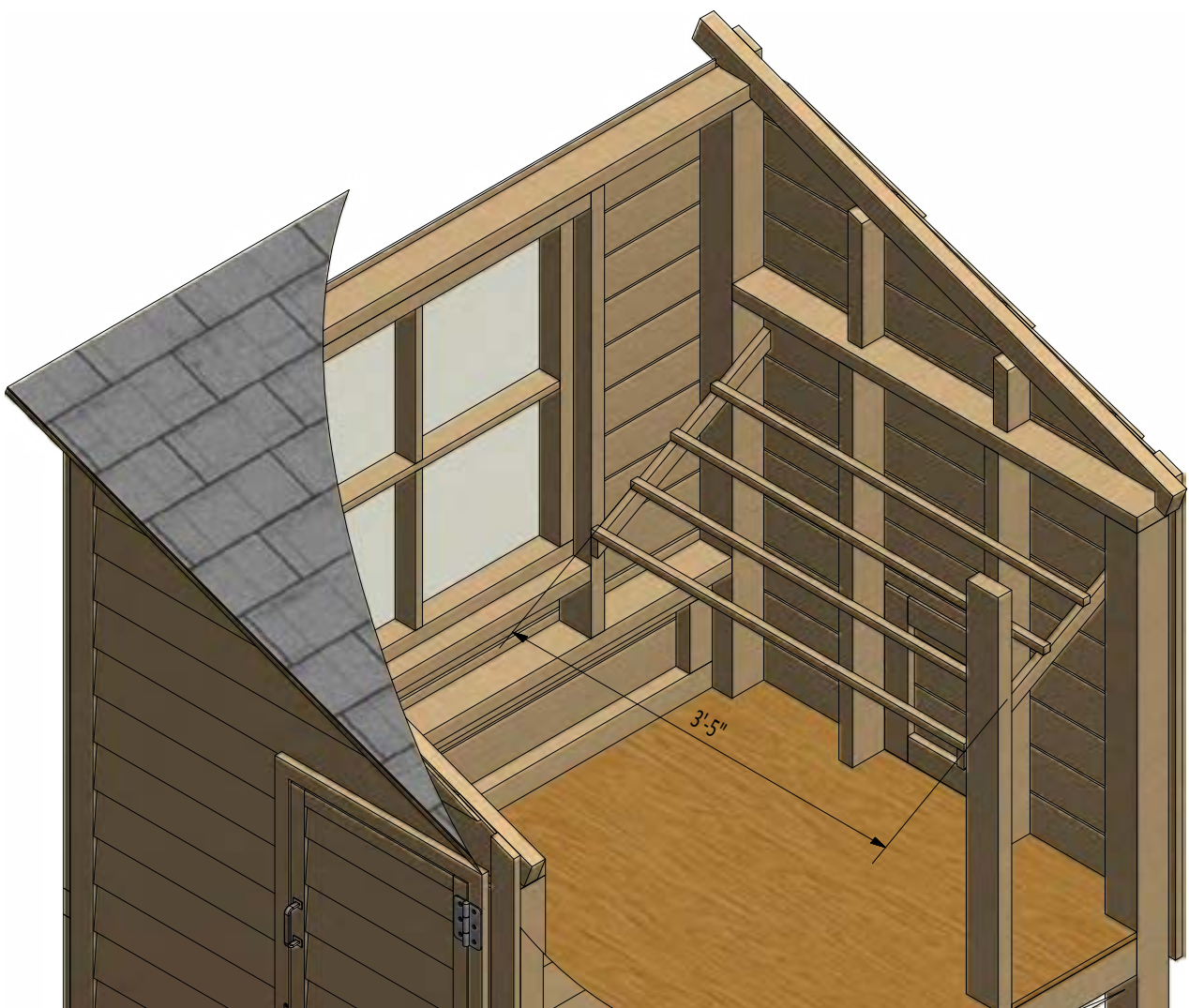


STEP 11

Coop's Roost Assembly

11.1 Using $3/4" \times 1\ 1/2"$ pressure-treated material, make the roost frame using the illustration below as a guide and secure with 3" wood screws. You will need two boards cut to $1'-10\ 1/2"$. Cut the recesses in each beam for splicing connection.

11.2 For the stairs, you will need $3/4" \times 3/4"$ pressure-treated material. You will need four boards cut to $3'-5"$. Using the illustration as a reference, secure the stairs with 2" wood screws.

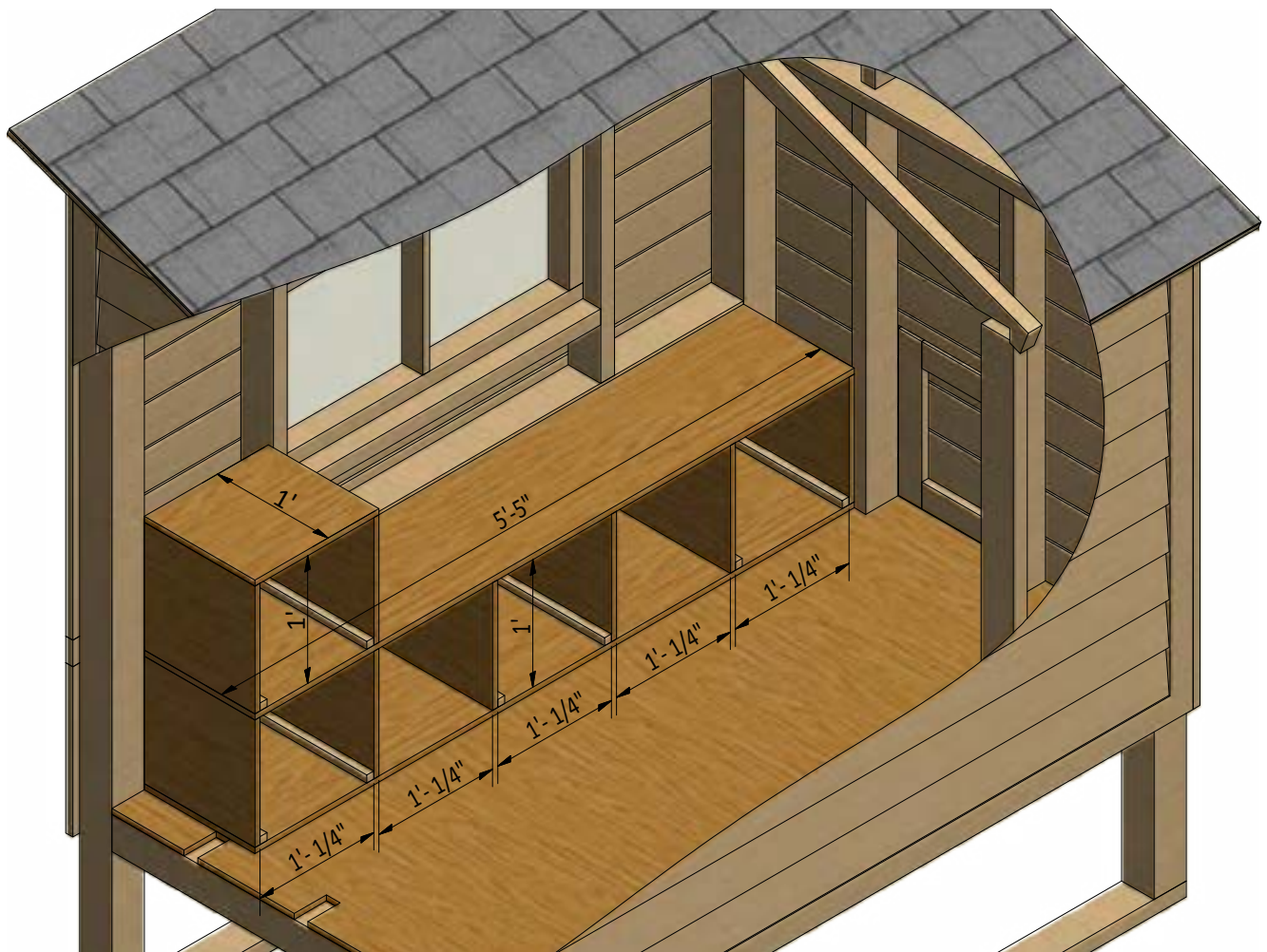


STEP 12

Nesting Box Assembly

12.1 Prepare the 5/8" plywood for horizontal and vertical walls and assembly them with 2" wood screws. You will need eight 1' x 1' sheets, one 1'-1 1/2" x 1' sheet and two 5'-5" x 1' sheets.

12.2 Use 3/4" x 3/4" pressure-treated lumber and 1" wood screws for securing the bottom ends of vertical walls.



STEP 13

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.





Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	18	41
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	✗	✓

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