Craftcamp

Free 4'x 6' Chicken Coop Plan

Up to 10 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	16	35
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

60-day refund policy with no questions asked.

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

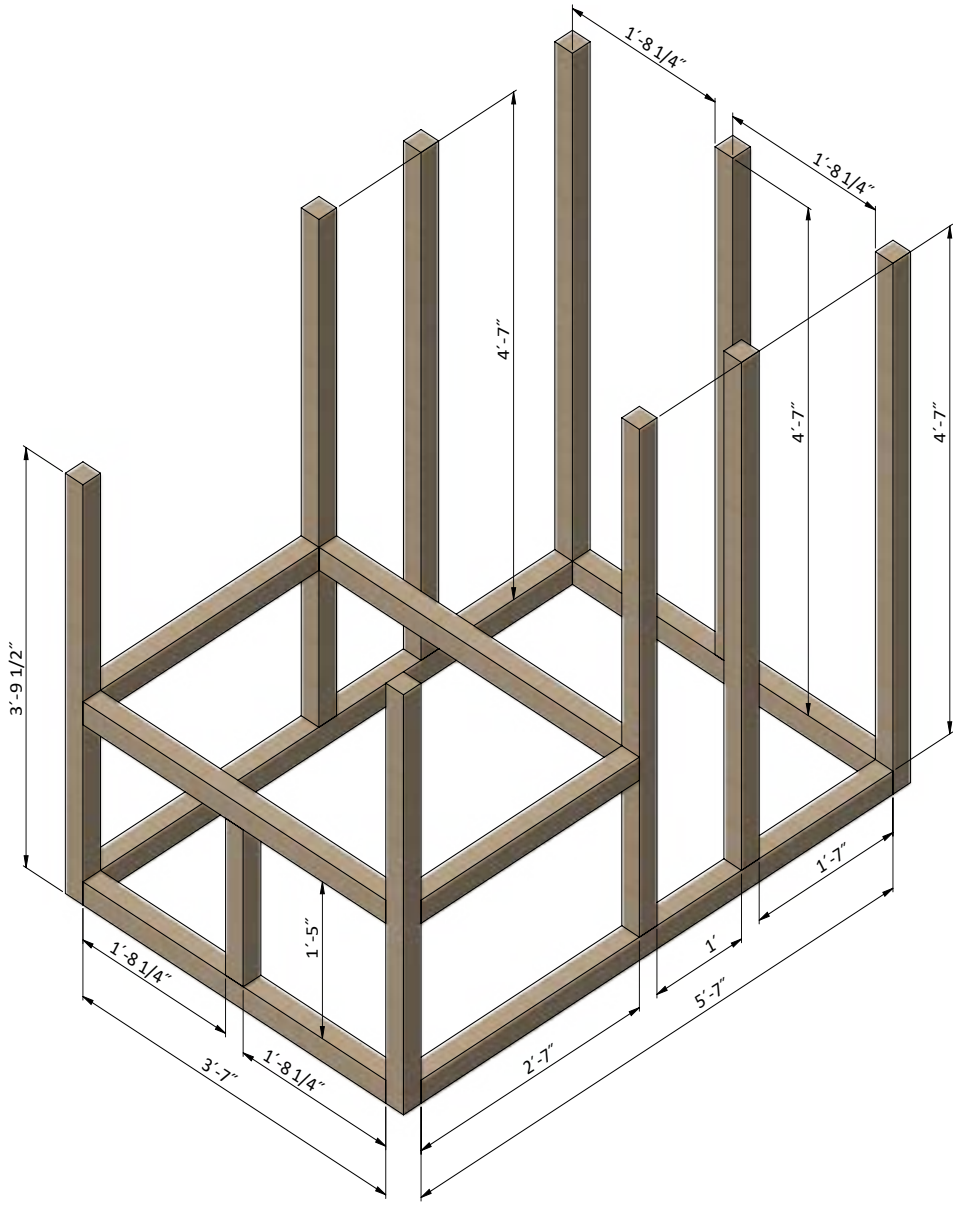
STEP 1

Assemble the Main Frame

1.1 Using 2 1/2″ x 2 1/2″ pressure-treated lumber, install the wall studs using the drawing below as a reference. You will need seven boards cut to 4′-7″ and two boards cut to 3′-9 1/2″ that will be studs, two boards cut to 3′-7″ and two boards cut to 5′-7″ that will be joists, two boards cut to 3′-7″, one board cut to 1′-5″ that will be a stud and two boards cut to 2′-7″ that will be bottom plates.

1.2 Secure the beams to the bottom rails with 3″ wood screws.

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



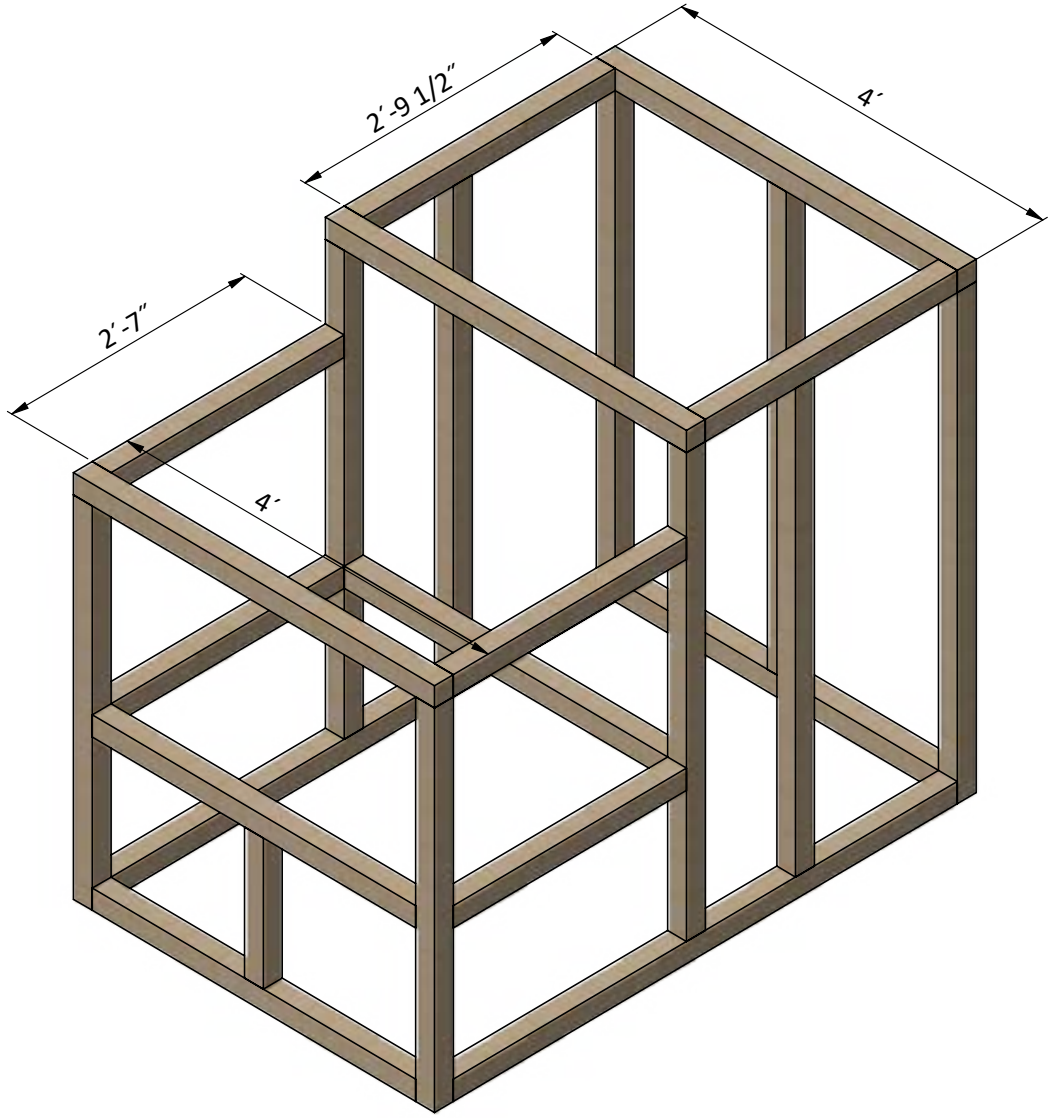
STEP 2

Assemble The Top Plates

2.1 Assemble the top plates using 2 1/2″ x 2 1/2″ pressure-treated lumber.
You will need two boards cut to 2′-7″, two boards cut to 2′-9 1/2″ and three boards cut to 4′.

2.2 Connect the beams with 3″ wood screws.

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



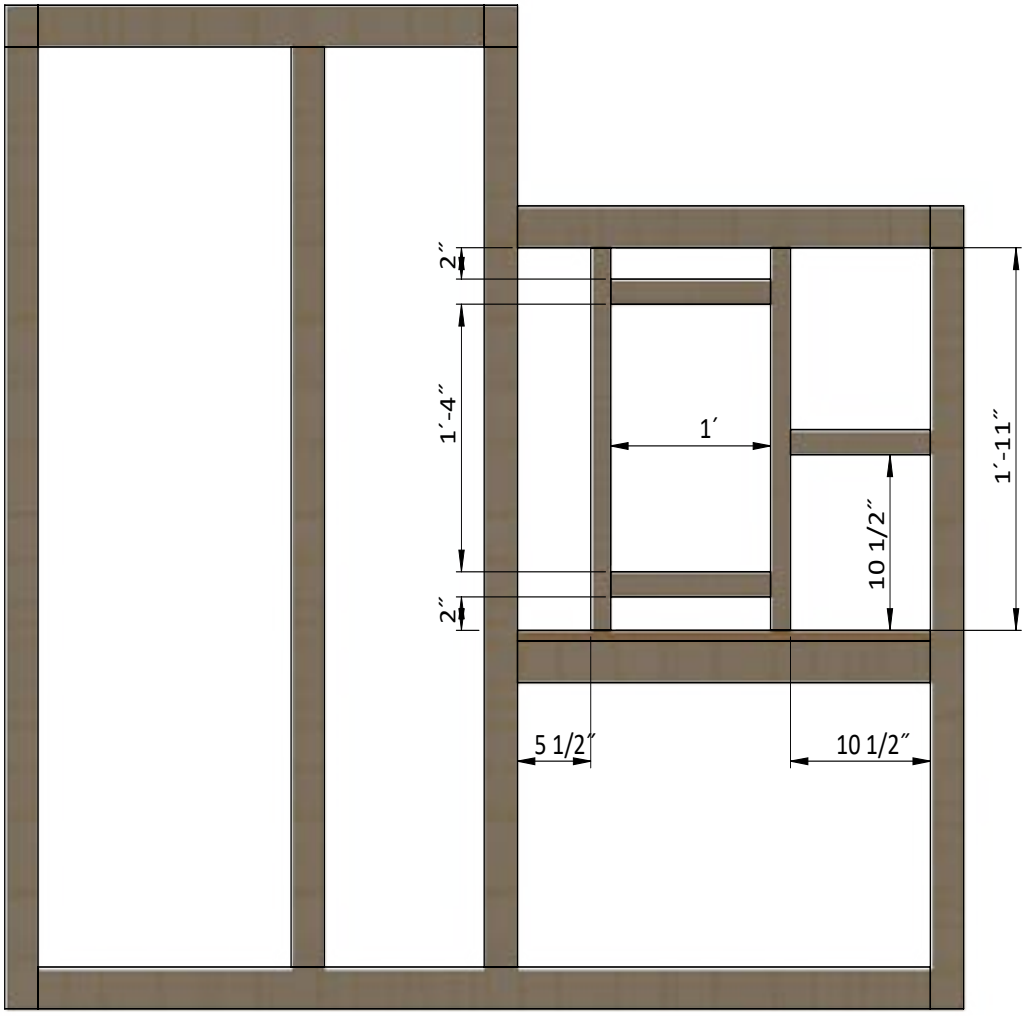
STEP 3

Assemble Back Side Wall Frame

3.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, construct back side wall frame using the drawing below as a reference. You will need two boards cut to 1′-11″ that will be studs, one board cut to 10 1/2″ that will be top plate and two boards cut to 1′ that will be rough sill and window header.

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°.



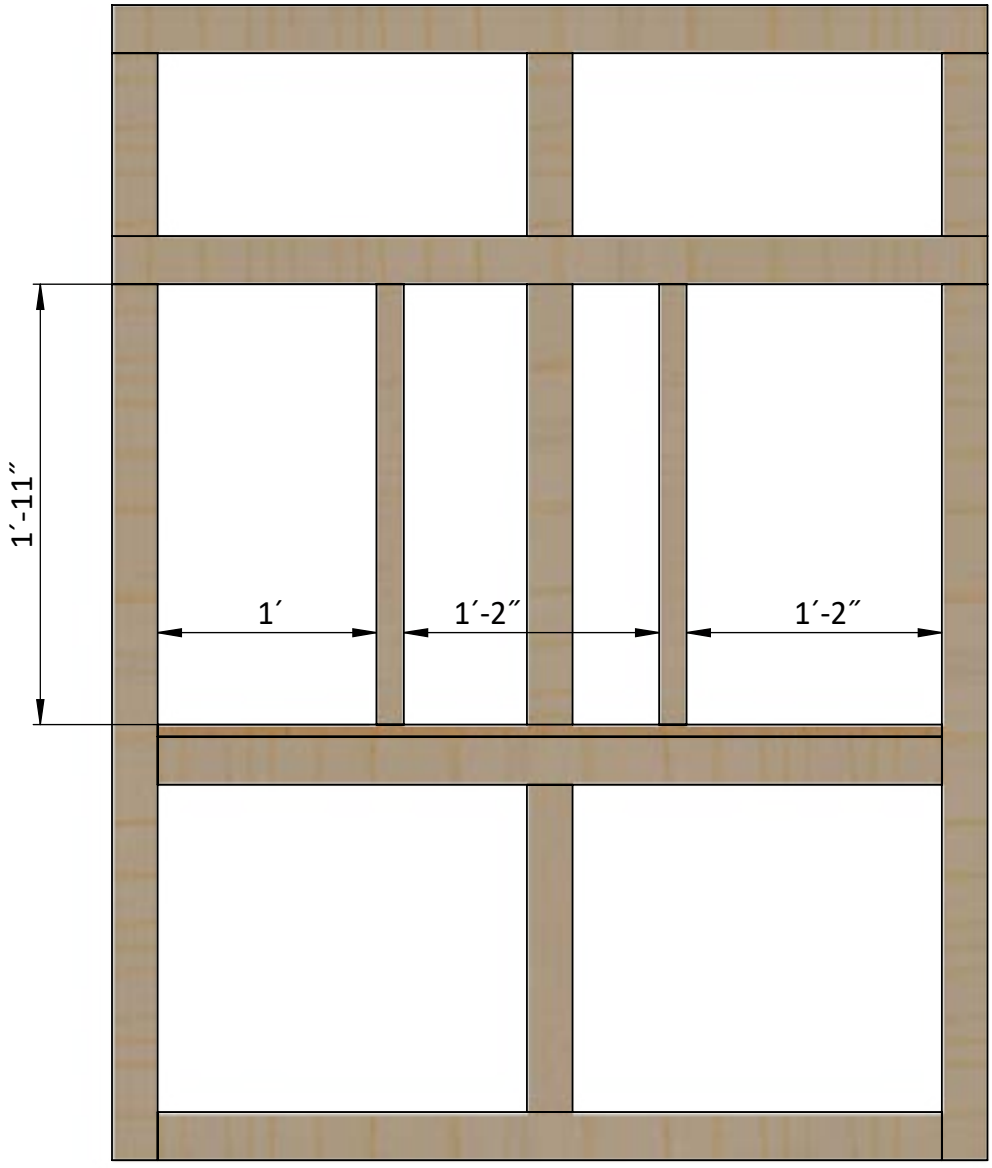
STEP 4

Assemble Left Side Wall Frame

4.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, construct left side wall frame using the drawing below as a reference. You will need two boards cut to 1′-11″ that will be studs.

4.2 Connect the beams with 3″ and 5″ wood screws.

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



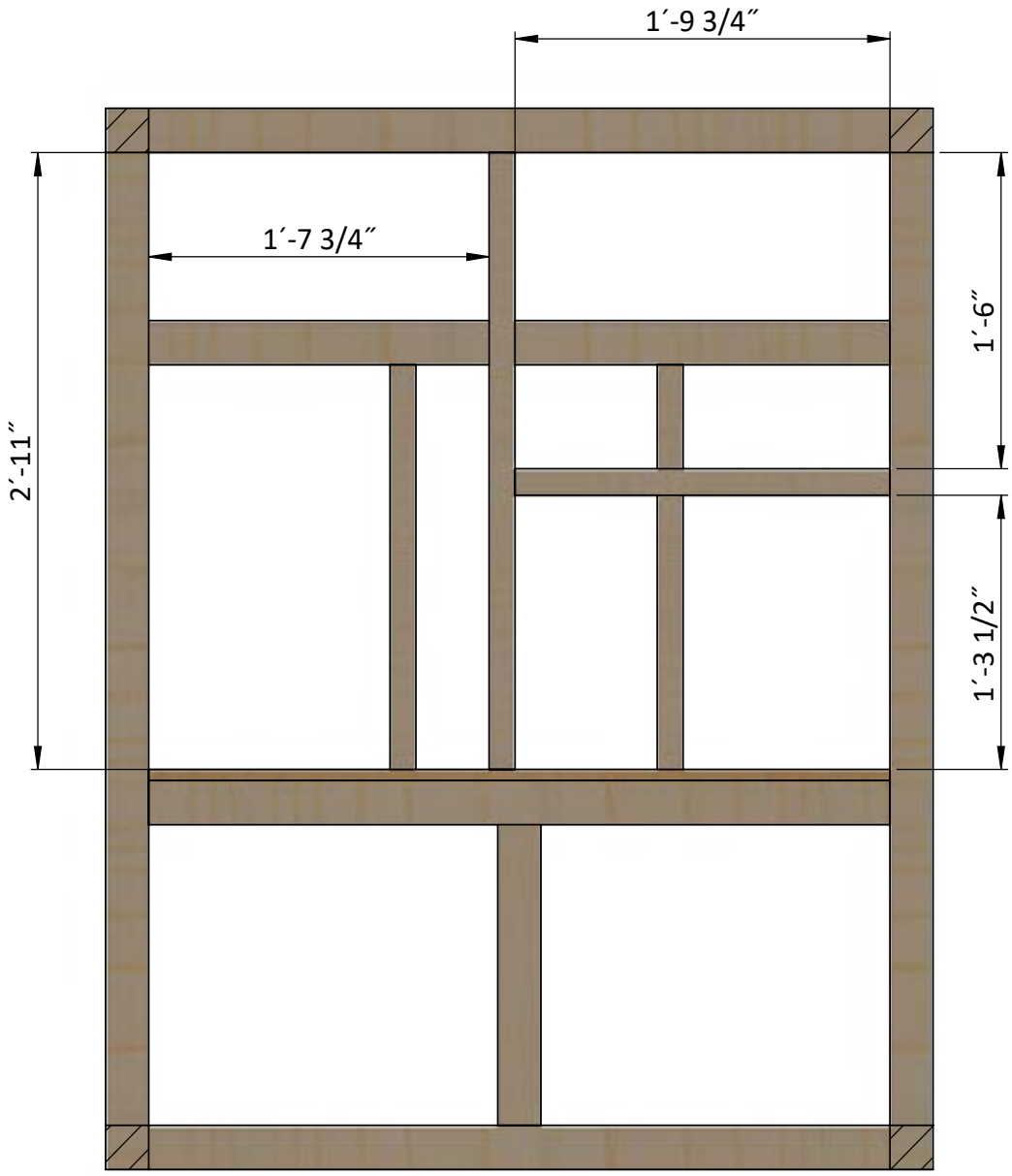
STEP 5

Assemble Right Side Wall Frame

5.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, construct right side wall frame using the drawing below as a reference. You will need one board cut to 2′-11″ that will be stud and one board cut to 1′-9 3/4″ that will be chicken door header.

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°.



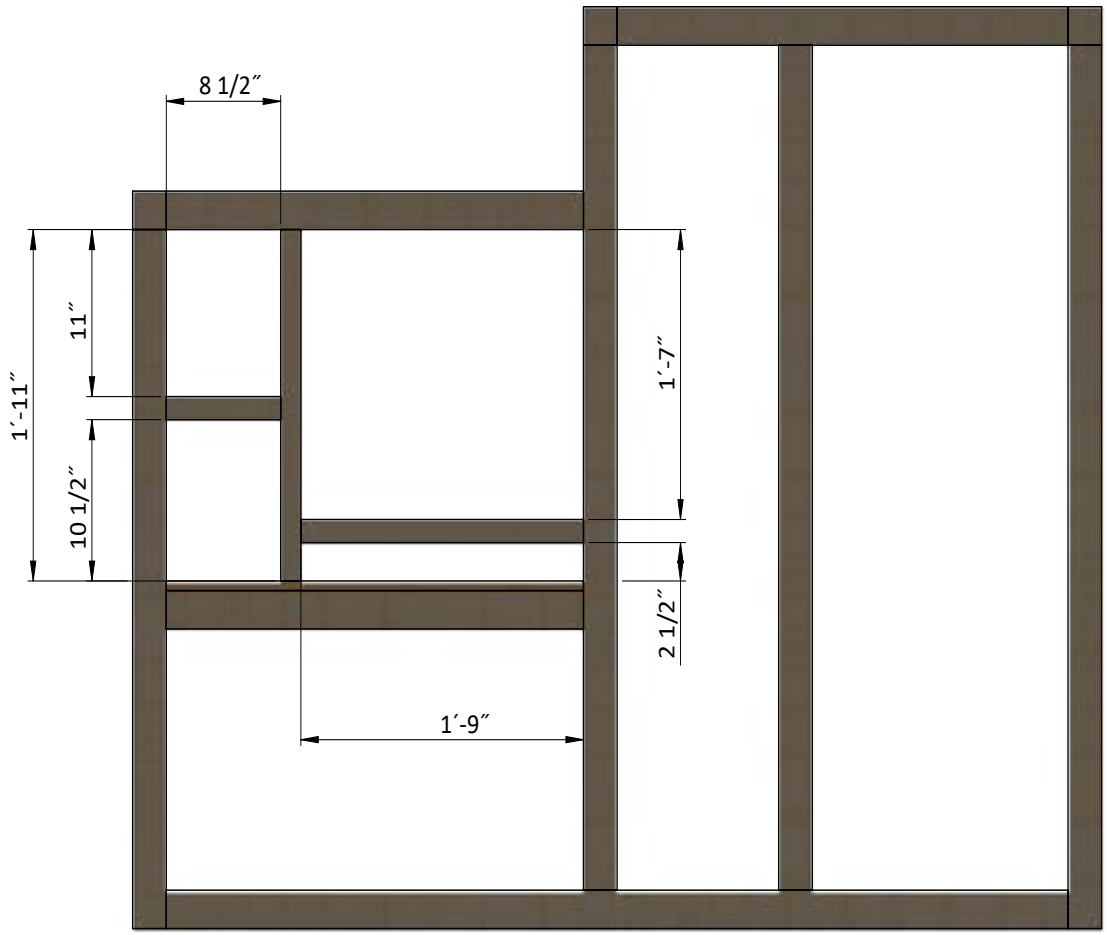
STEP 6

Assemble Front Side Wall Frame

6.1 Using 1 1/2″ x 1 1/2″ pressure-treated lumber, construct the front side wall frame using the drawing below as a reference. You will need one board cut to 1′-11″ that will be a stud, one board cut to 1′-9″ that will be a litter tray header and one board cut to 8 1/2″ that will be top plate.

6.2 Connect the beams with 3″ and 5″ wood screws.

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



STEP 7

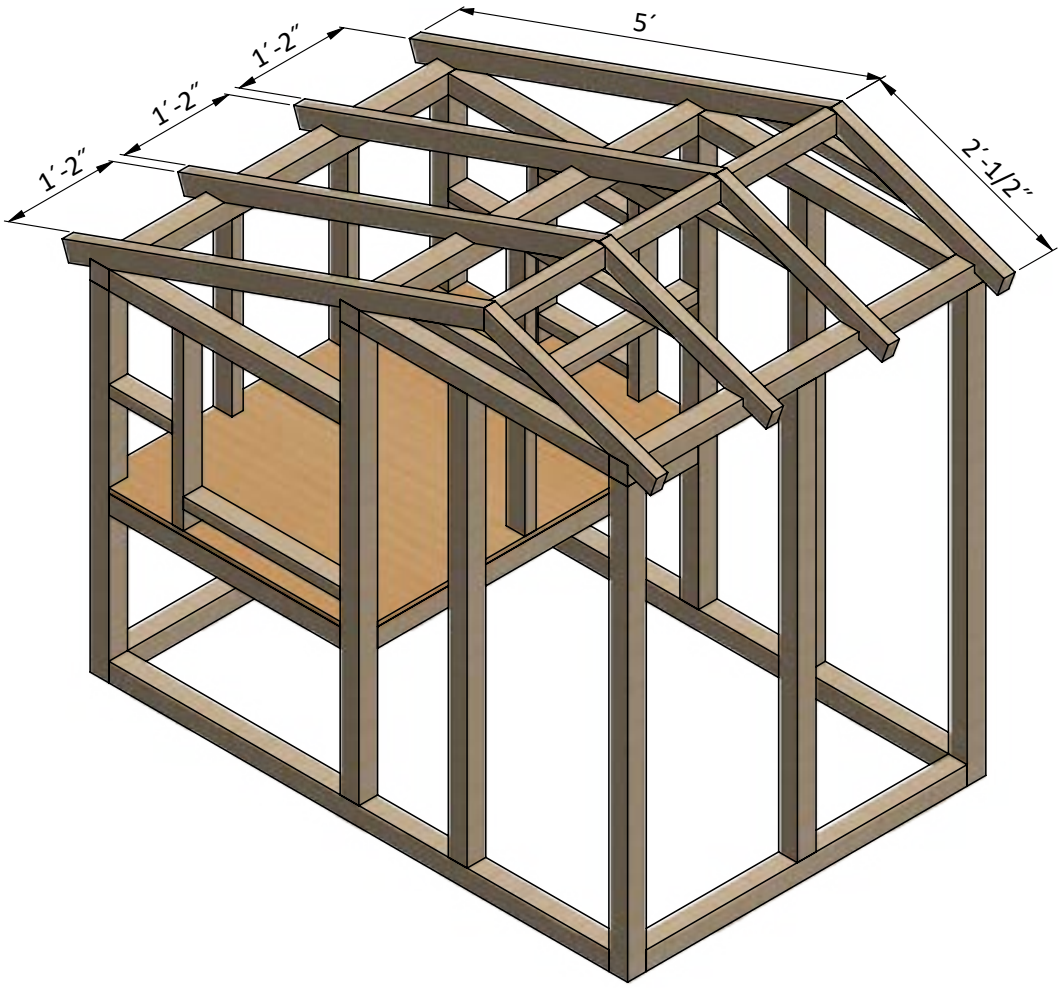
Assemble the Roof Frame

7.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, cut four rafters 2'-1/2″ long and four rafters 5′ long according to the dimensions in drawings below.

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

7.3 Using 1 1/2″ x 2 1/2″ pressure-treated board, cut three boards 1′-2″ long that will be ridge boards according to the illustration below.

7.4 Connect the beams with 3″ wood screws.

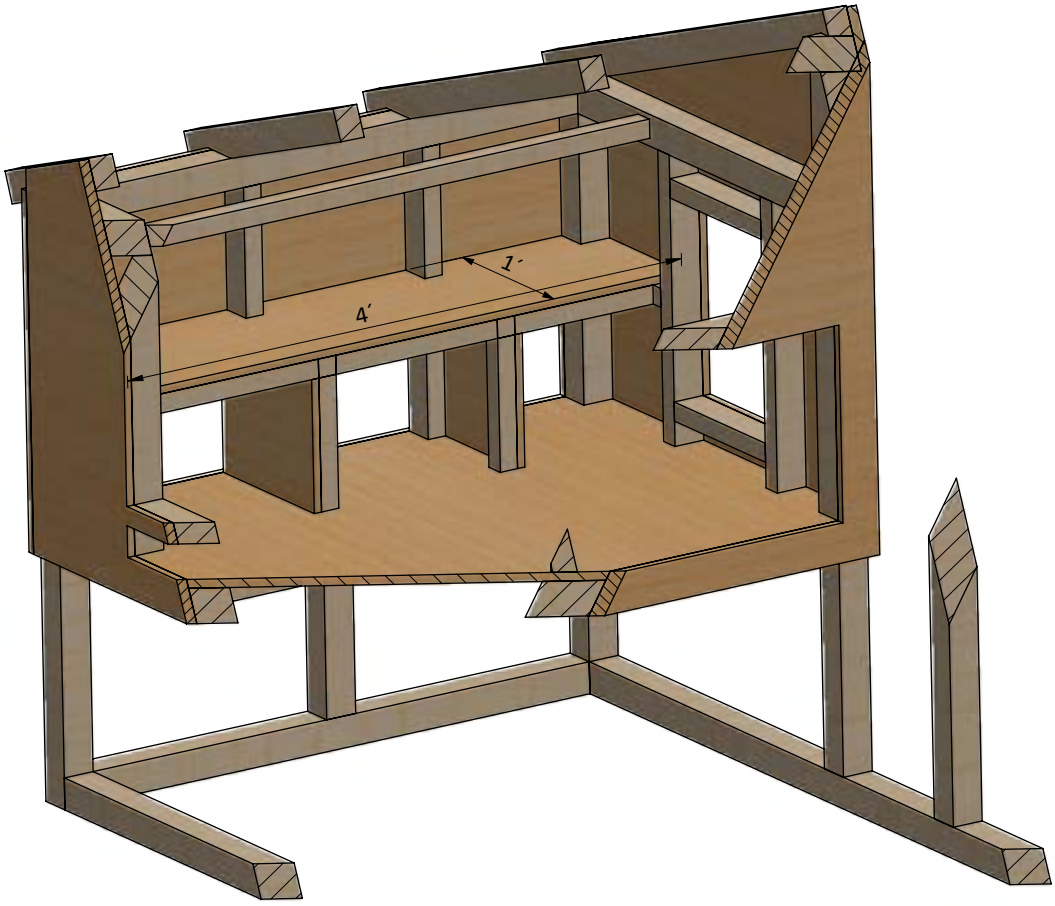


STEP 8

Install Plywood for the Nesting Box

8.1 Cut sheet of 5/8″ plywood for the nesting box sheathing using the drawing below as a guide. You will need one 1′ x 4′ sheet for the top and two 1′ x 1′ sheets for inner partitions.

8.2 Secure the plywood with 2″ wood screws.



STEP 9

Assemble and Install Front Door

9.1 Build the door frame using 3/4″ x 2 1/2″ pressure-treated lumber and secure with 5″ wood screws. You will need two boards cut to 1´-6 3/4″ that will be the vertical girts, two boards cut to 1´-3 3/4″ that will be the horizontal girts and one board cut to 1´-8 3/4″ that will be cross brace.

9.2 Prepare the 5/8″ plywood sheet with dimensions 1´-6 3/4″ x 1´-8 3/4″ for the door according to the drawing.

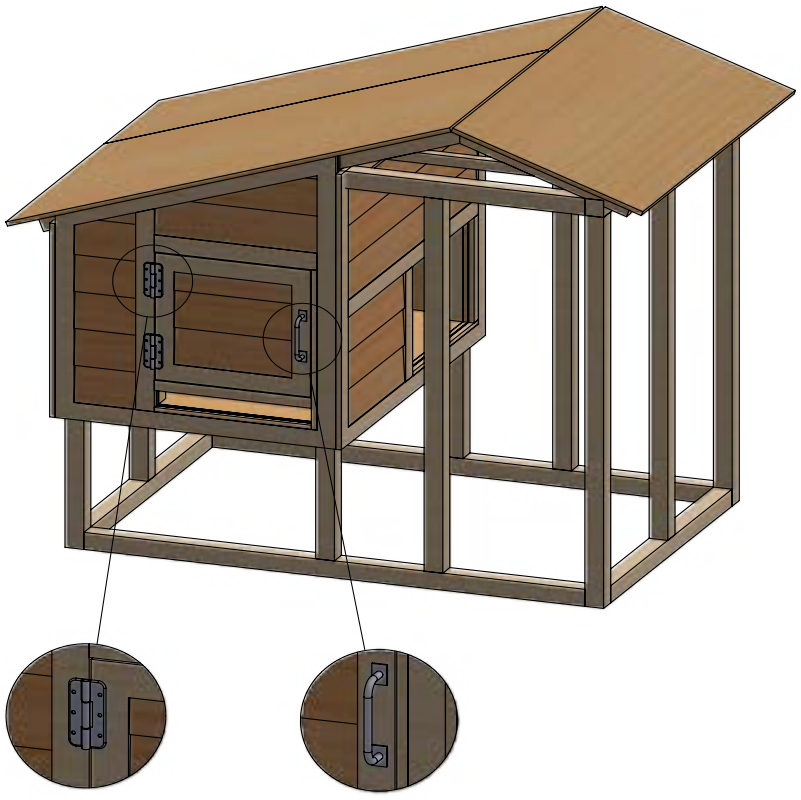
9.3 Use 3/4″ x 2 1/2″ pressure-treated lumber for the door trim and fasten with 2″ wood screws.
You will need two boards cut to 1´-3 3/4″ and two boards cut to 1´-6 3/4″.

9.4 Using 1/4″ x 3/4″ pressure-treated lumber, cut and install a starter course 1´-3 3/4″ long using node E on page 32 as a reference.

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

9.6 Assemble siding shields with 2″ galvanized nails.

9.7 Install two 5″ door hinges using 6x1″ wood screws.
Finish the doors installation by attaching 8″ door pull (see nodes **G, H**).



G (2:15) **H** (2:15)

STEP 10

Assemble and Install Window

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 two boards cut to 11 1/2″ that will be the horizontal girts and two boards cut to 1′-3 1/2″ that will be the vertical girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

10.2 Prepare and install 9 1/4″ x 1′-1 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.

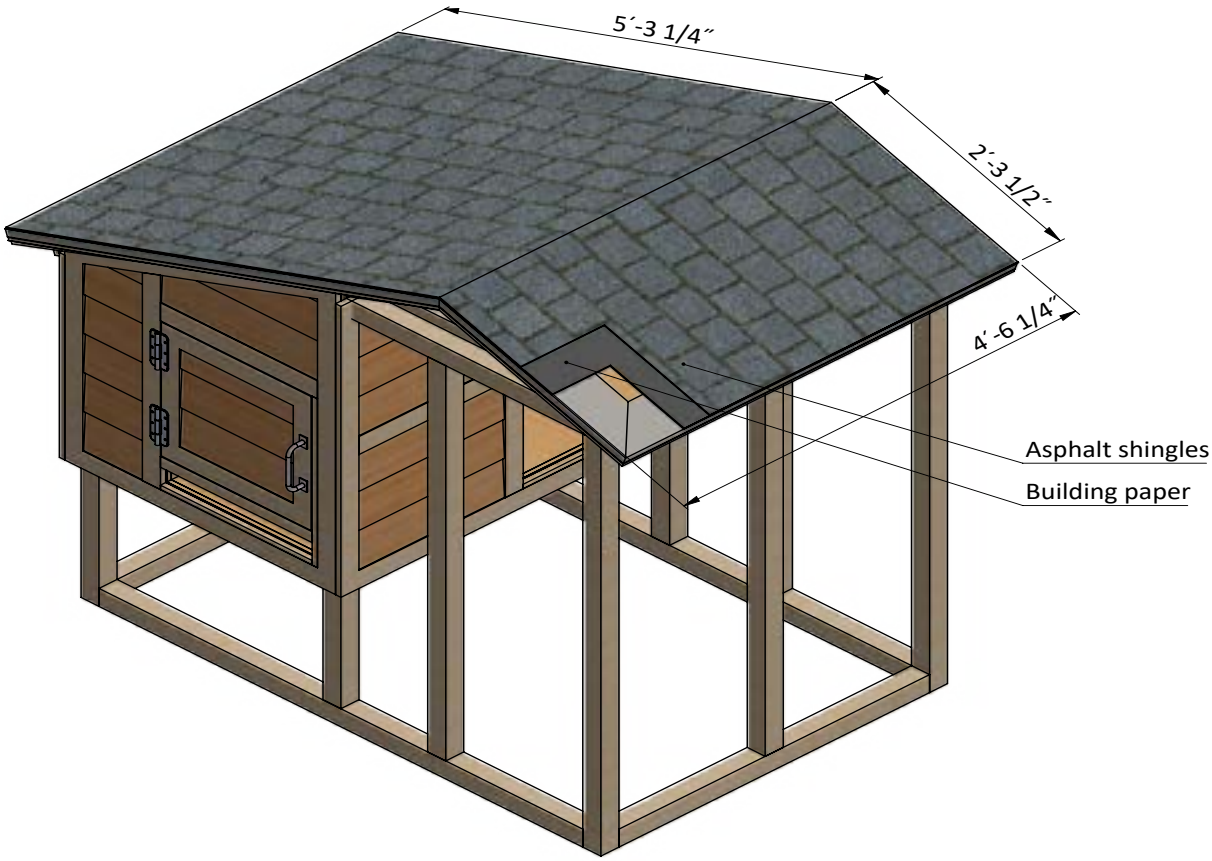
STEP 11

Coop's Roof Sheathing Installation

11.1 You will need 34 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.

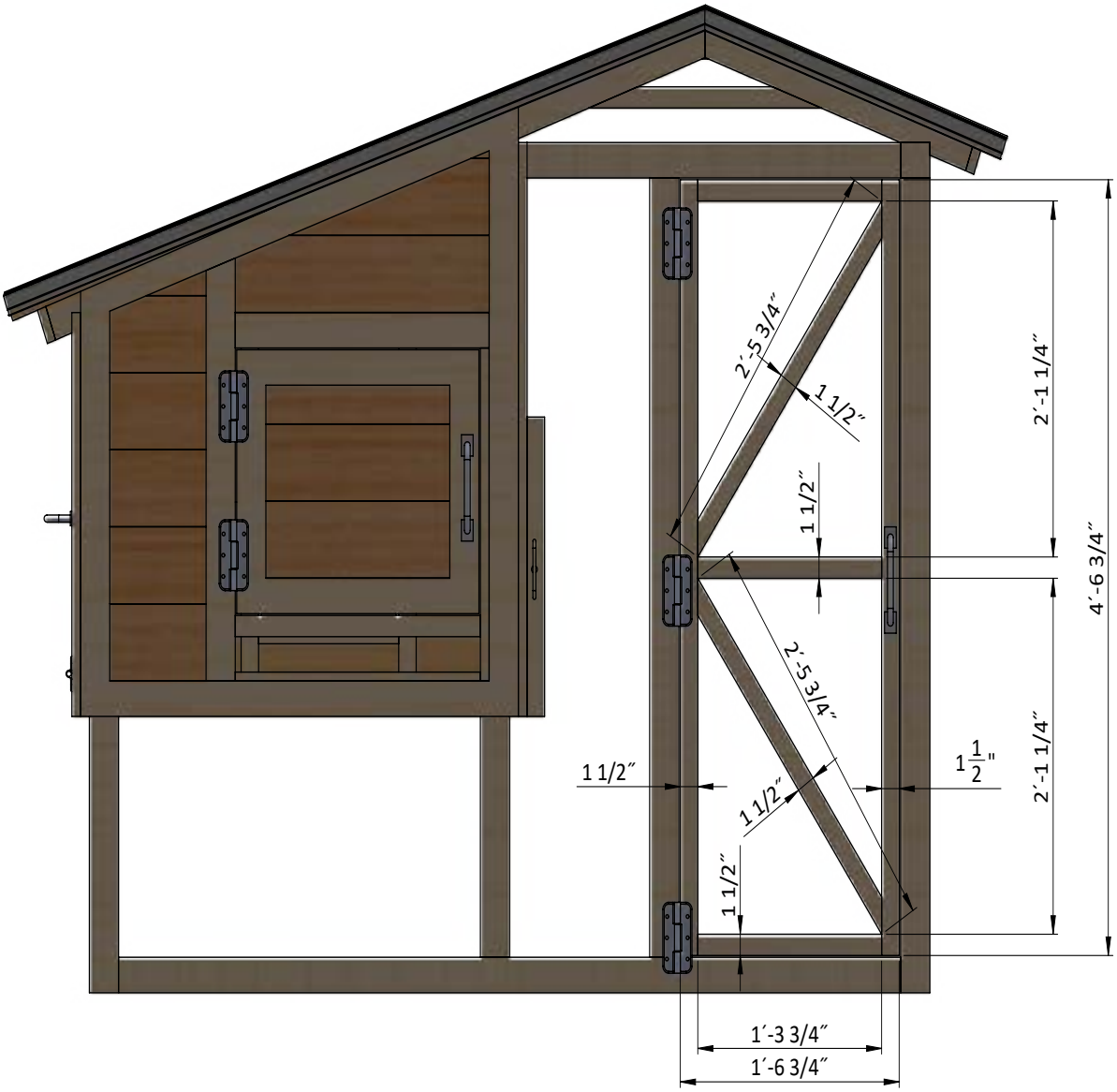


STEP 12

Assemble and Install Aviary's Door

12.1 Build the door frame using 1 1/2″ x 1 1/2″ pressure-treated lumber and secure with 5″ wood screws. You will need two boards cut to 4′-6 3/4″ that will be the vertical girts, three boards cut to 1′-3 3/4″ that will be the horizontal girts and two boards cut to 2′-5 3/4″ that will be cross braces.

12.2 Install three 5″ door hinges using 1″ wood screws. Finish the door installation by attaching 8″ door pull.



STEP 13

Assemble The Litter Tray

13.1 Assemble the litter tray using 3/4″ x 1 1/2″ and 3/4″ x 2 1/2″ pressure-treated lumber and 5/8″ plywood. You will need two boards cut to 3′-9 1/2″, one board cut to 1′-5 3/4″ and one board cut to 1′-8 3/4″. Assemble the frame and put the 1′-7 1/4″ x 3′-9 1/2″ plywood sheet at the bottom. Finish the tray installation by attaching 6″ door pull.

13.2 Connect the beams and plywood with 2″ wood screws.

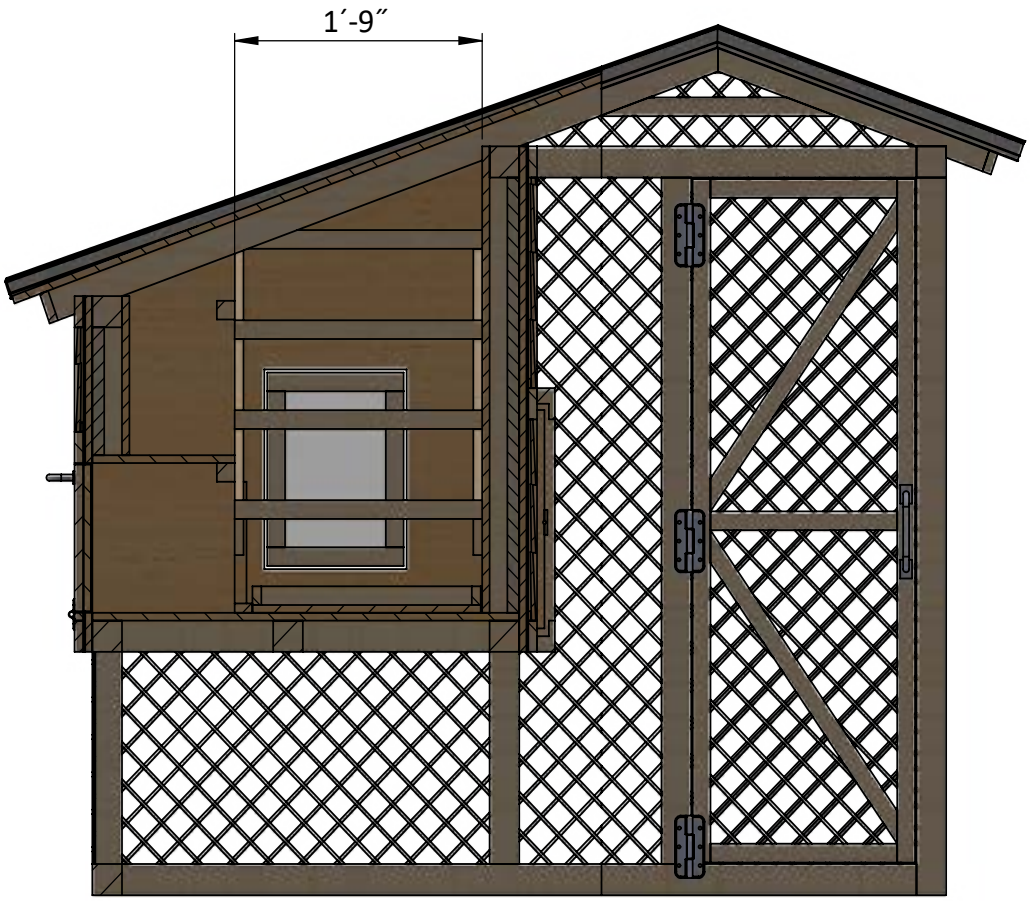
STEP 14

Assemble The Roost

14.1 Assemble the roost using 3/4″ x 2 1/2″ and 1 1/2″ x 1 1/2″ pressure-treated lumber. You will need two boards cut to 3′-10 1/4″ and four boards cut to 1′-9″.

14.2 Connect the beams with 2″ wood screws.

14.3 Install the roost at the studs with the help of 3″ screws.



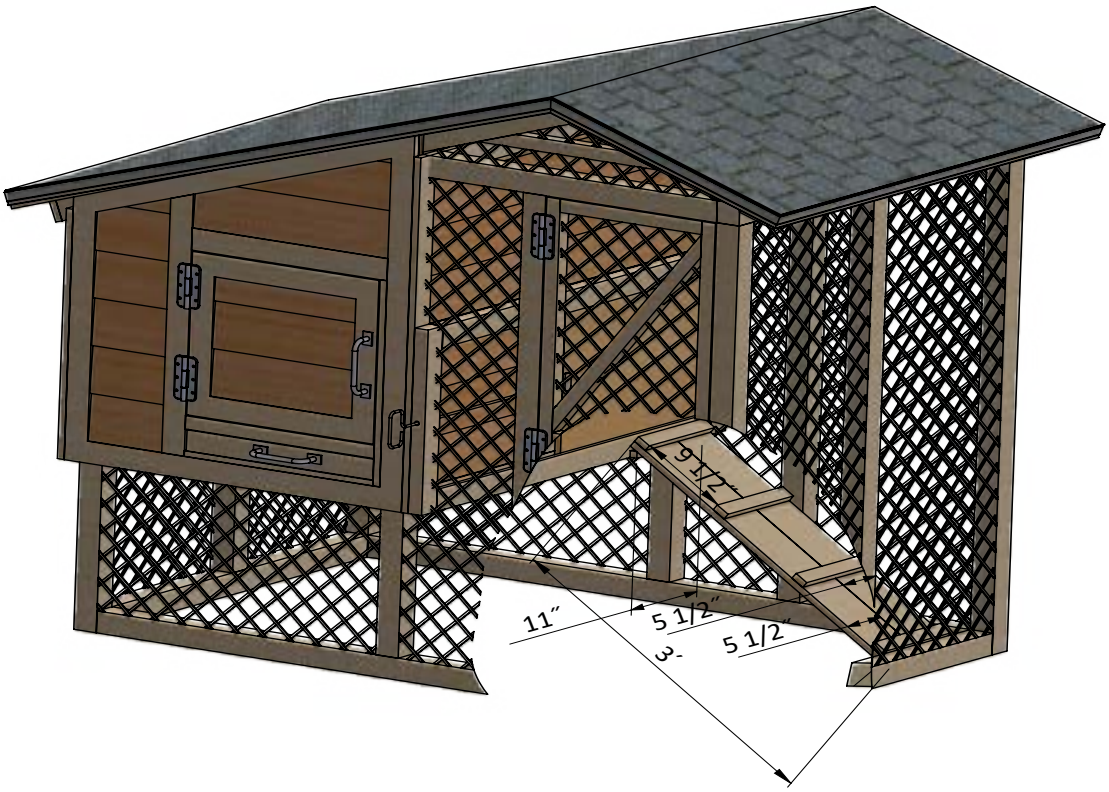
STEP 15

Assemble The Chicken Ladder

15.1 Assemble the ladder using 3/4″x 3/4″, 3/4″ x 1 1/2″ and 3/4″ x 5 1/2″ pressure-treated lumber. You will need one board cut to 1´, two boards cut to 3´ and four boards cut to 11″.

15.2 Connect the beams with 2″ wood screws.

15.3 Install the ladder at the studs with the help of 2″ screws.



STEP 16

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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