Craftcamp

Free 3´x5´ Chicken Coop Plan

Up to 6 chicken

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	41
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.

3´x5´ 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

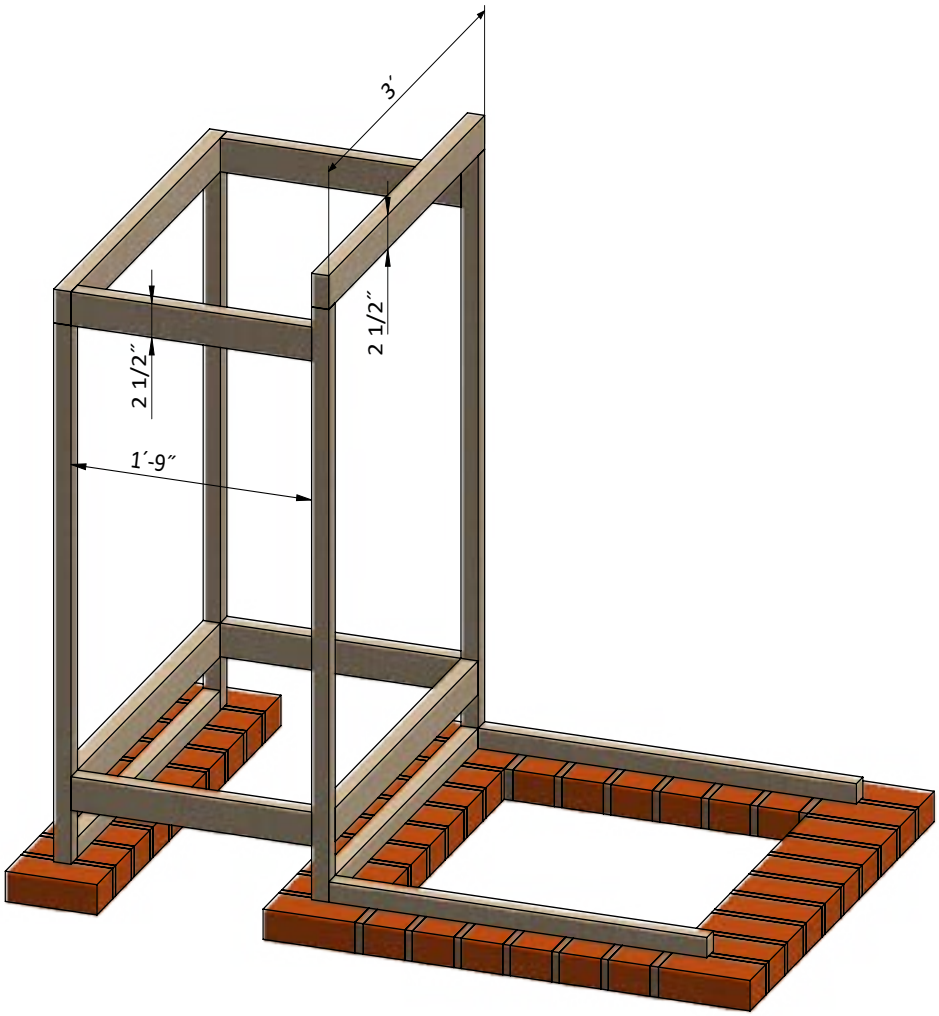
STEP 1

Assemble The Top Plates

1.1 Assemble the top plates using 1 1/2″ x 2 1/2″ pressure-treated lumber.
You will need two boards cut to 1′-9″ and two boards cut to 3′.

1.2 Connect the beams with 3″ wood screws.

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



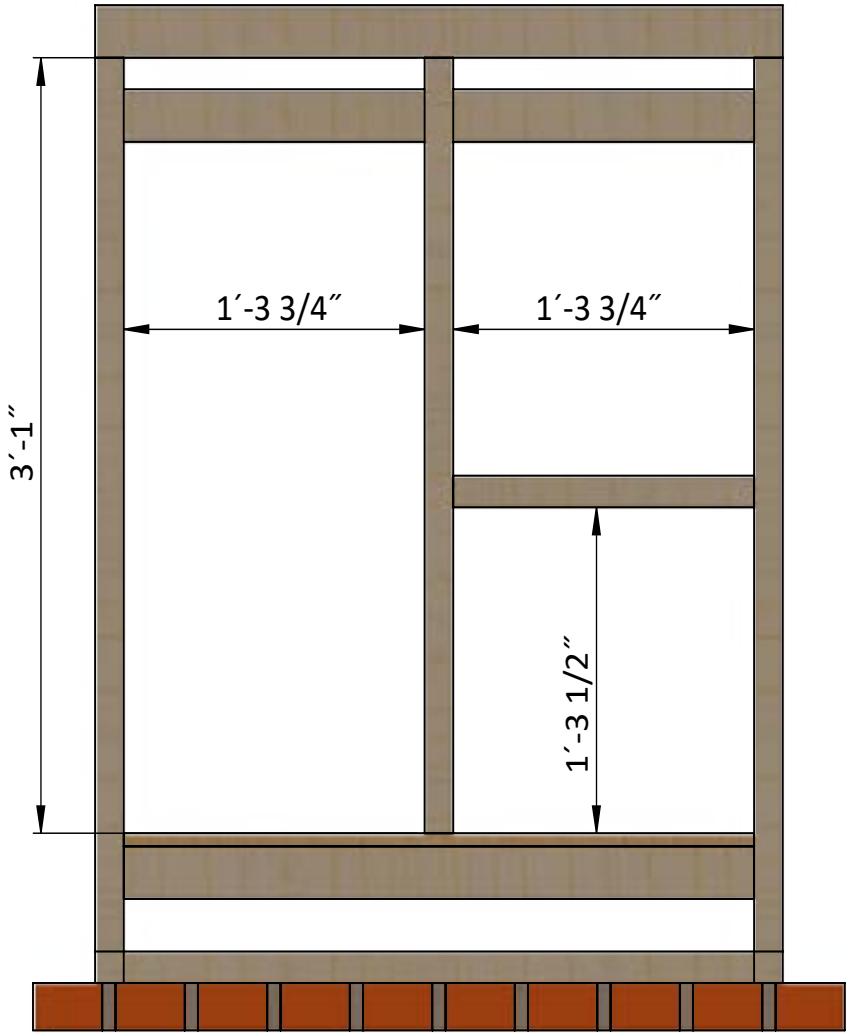
STEP 2

Assemble Back Side Wall Frame

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

2.2 Connect the beams with 2x3″ wood screws.

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



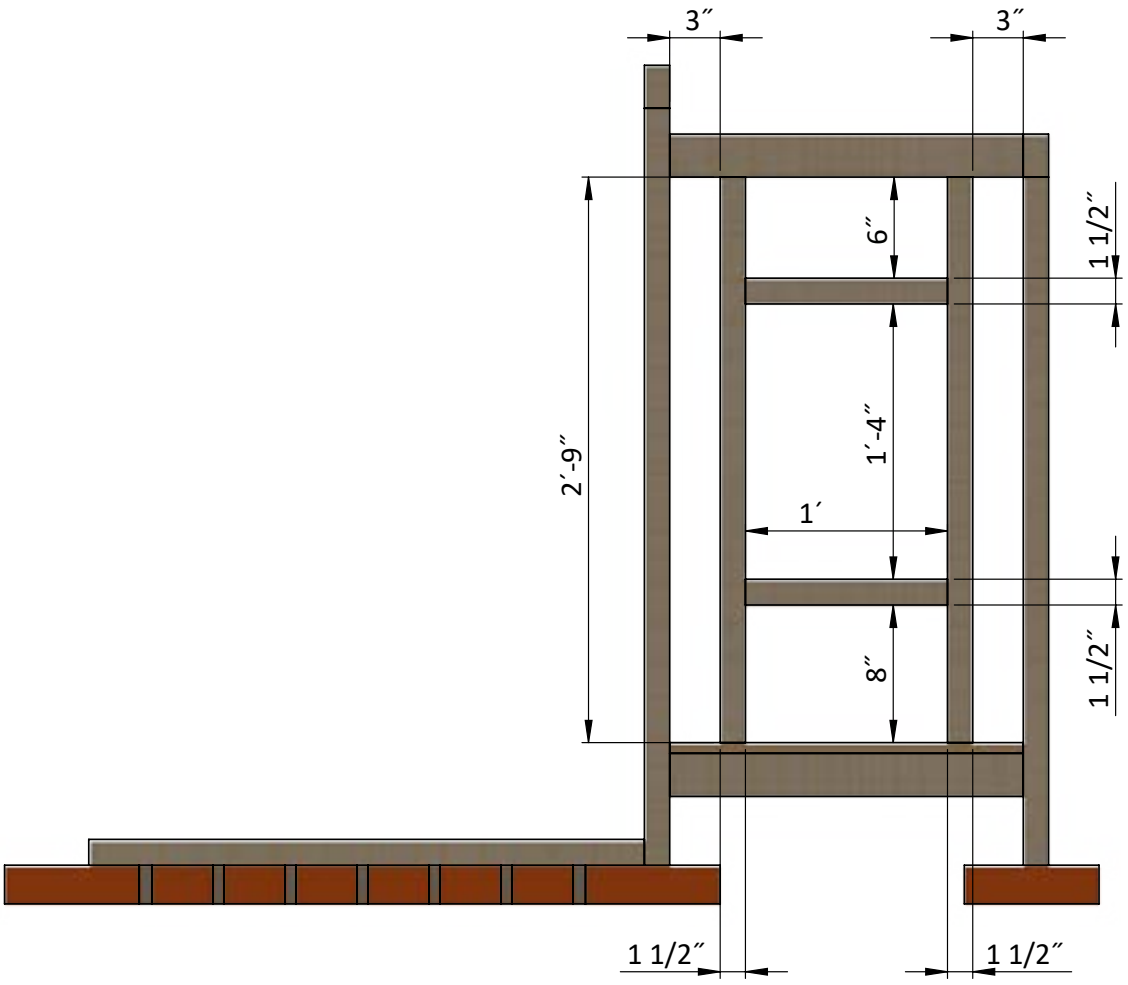
STEP 3

Assemble Left Side Wall Frame

3.1 Using 1 1/2″ x 1 1/2″ pressure-treated lumber, construct left side wall frame using the drawing below as a reference. You will need two boards cut to 2′-9″ that will be studs, one board cut to 1′ that will be rough sill and one board cut to 1′ that will window header.

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°.



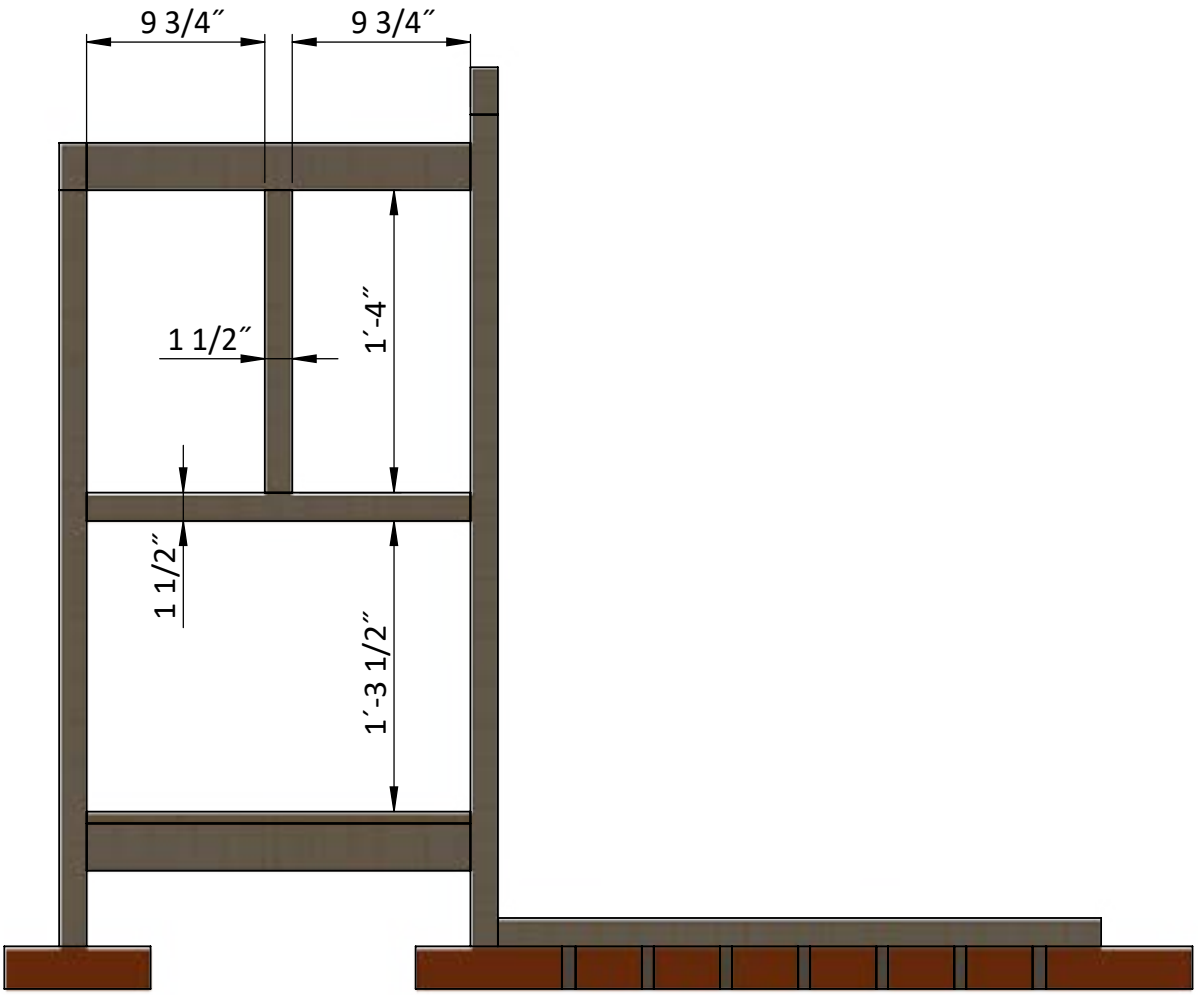
STEP 4

Assemble Right Side Wall Frame

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

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°.



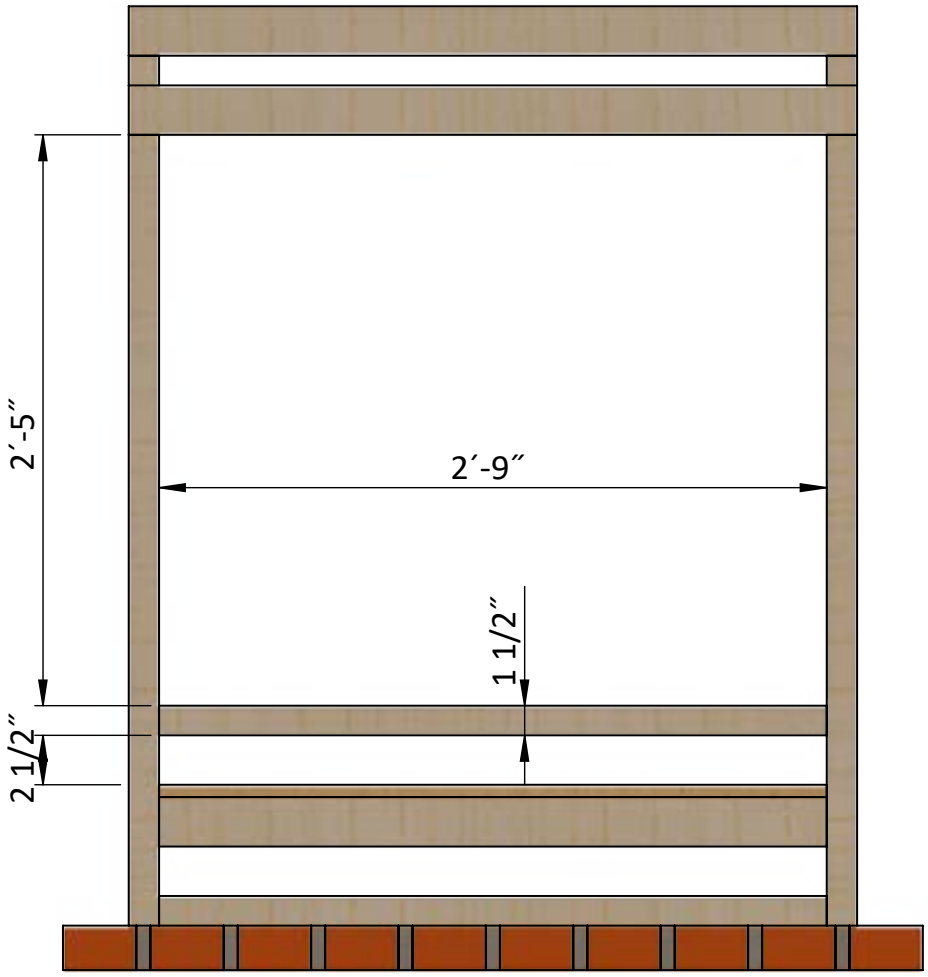
STEP 5

Assemble Front Side Wall Frame

5.1 Using 1 1/2″ x 1 1/2″ pressure-treated lumber, construct front side wall frame using the drawing below as a reference. You will need one board cut to 2′-9″ that will be bottom plate.

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°.

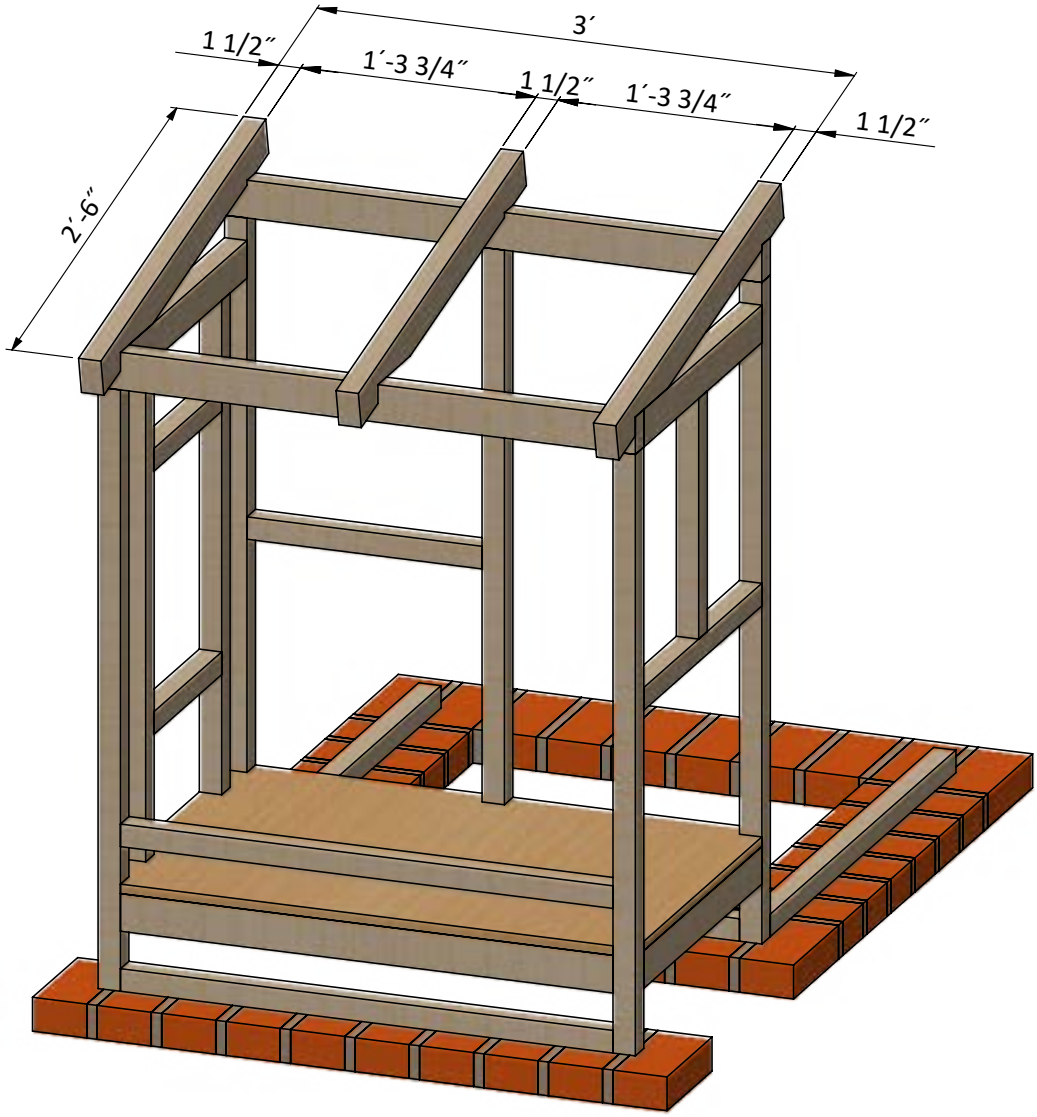


STEP 6

Assemble the Roof Frame

6.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, cut three ra ters 2'-6″ long according to the dimensions in drawings below.

6.2 Connect the beams with 3″ wood screws.



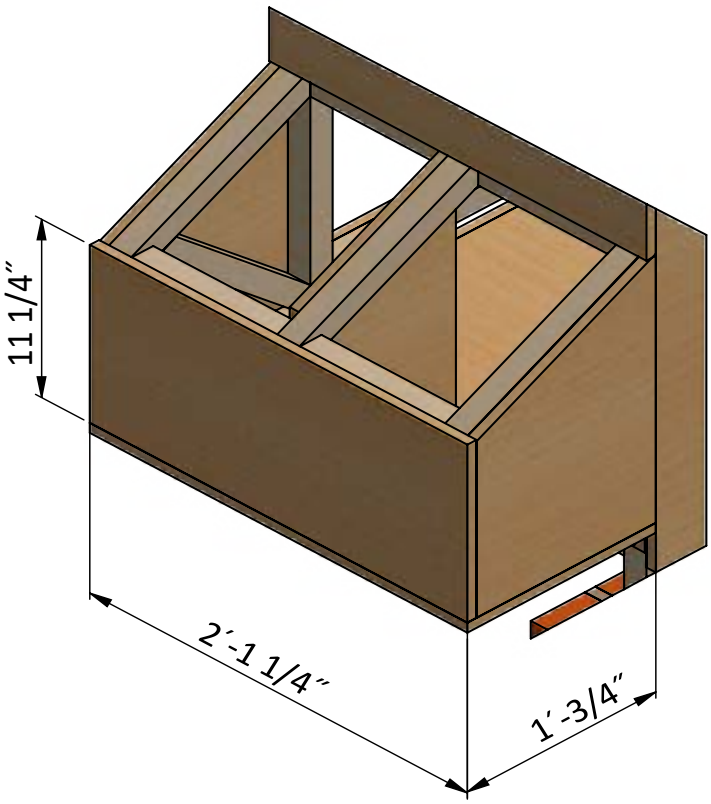
STEP 7

Install Plywood for the Nesting Box

7.1 Cut sheet of 5/8″ plywood for the nesting box sheathing using the drawing below as a guide.
You will need one 11 1/4″ x 2′-1 1/4″ sheet for the front, one 1′-3/4″ x 2′-1 1/4″ sheet for the bo om and three 1′ x 1′-5″ sheets for sides and inner partition.

7.2 Secure the plywood with 2″ wood screws.

7.3 Install two 1 1/2″ x 1 1/2″ corner brackets with help of 1″ screws.



STEP 8

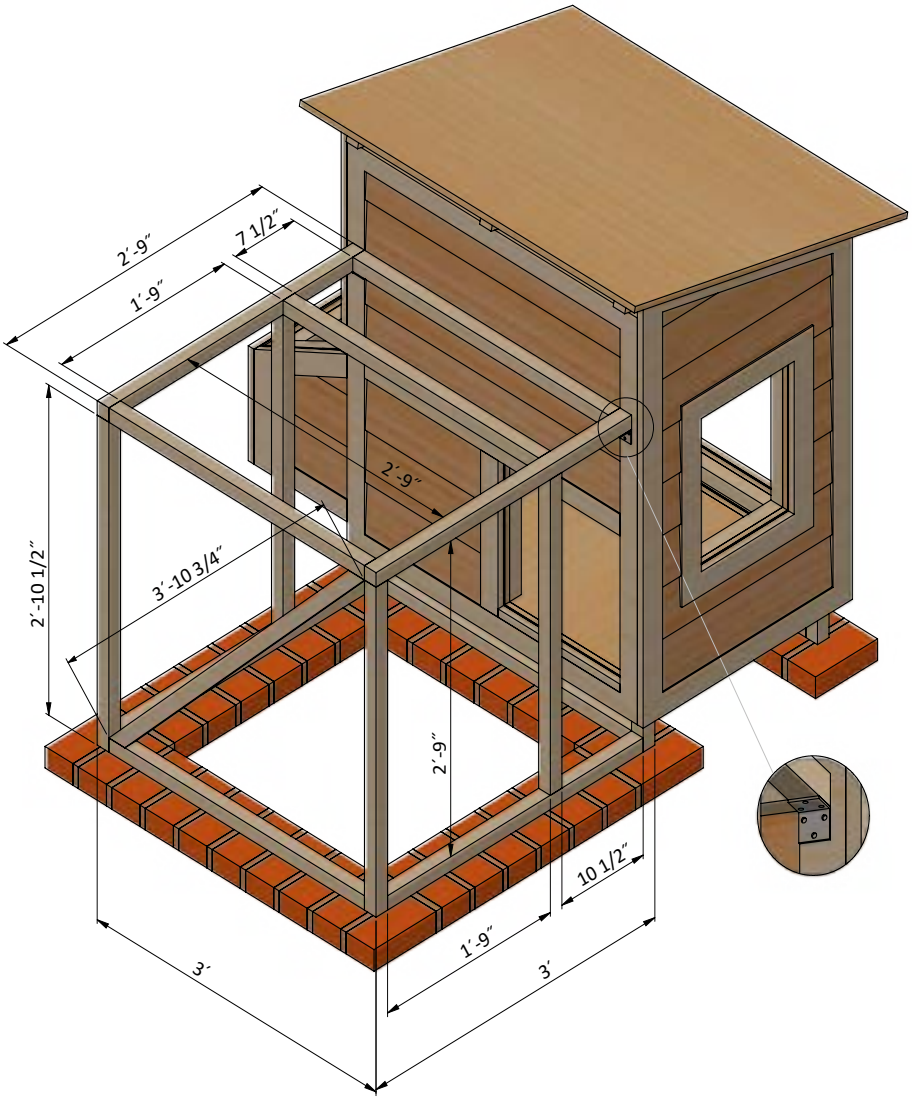
Assemble the Aviary Frame

8.1 Assemble the aviaty frame using 1 1/2″ x 1 1/2″ pressure-treated lumber. You will need two boards cut to 2′-9″ that will be top plates, four boards cut to 2′-9″ that will be the joists, two boards cut to 2′-10 1/2″ that will be studs, one board cut to 3′-10 3/4″ that will be cross brace and two boards cut to 2′-9″ that will be studs.

8.2 Connect the beams with 5″ wood screws.

8.3 Install two 1 1/2″ x 1 1/2″ corner brackets with help of 1″ screws.

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



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 2′-4 3/4″ that will be the vertical girts, two boards cut to 1′-4 1/4″ that will be the horizontal girts and one board cut to 2′-2 1/4″ that will be cross brace.

9.2 Prepare the 5/8″ plywood sheet with dimensions 1′-4 1/4″ x 2′-4 3/4″ for the door according to the drawing.

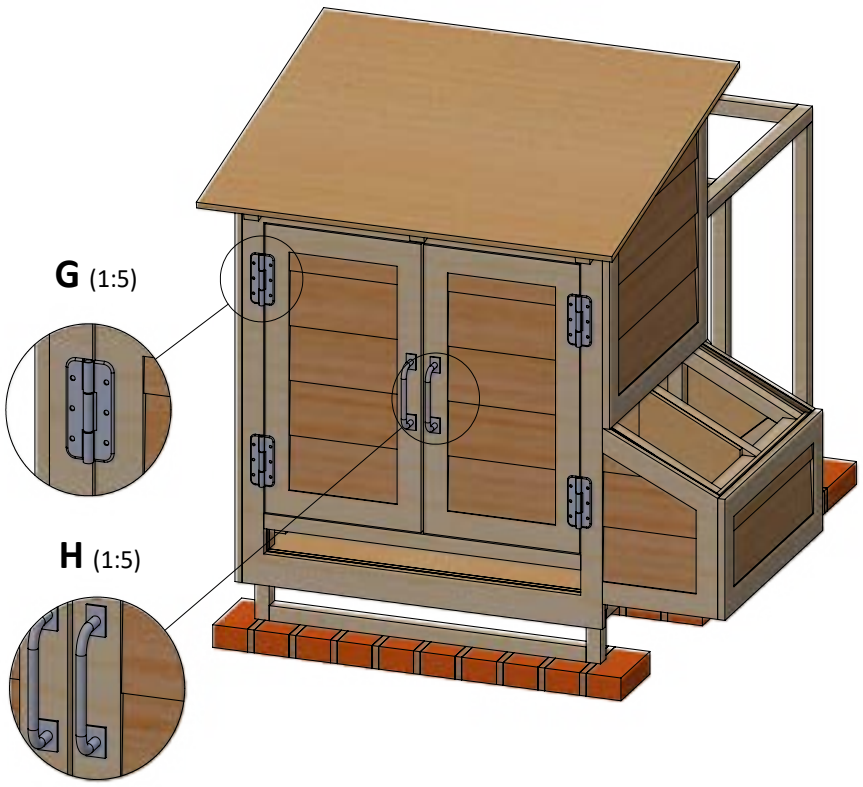
9.3 Use 3/4″ x 2 1/2″ pressure-treated lumber for the door trim and fasten with 2″ wood screws. You will need two boards cut to 2′-4 3/4″ and two boards cut to 11 1/4″.

9.4 Using 1/4″ x 3/4″ pressure-treated lumber, cut and install a starter course 11 1/4″ long using node E on page 33 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**).



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 ver al girts. Cut the recesses in each beam for splicing connec mill a recess for the glass.

10.2 Prepare and install 9 1/4″ x 1′-1 1/2″ 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.

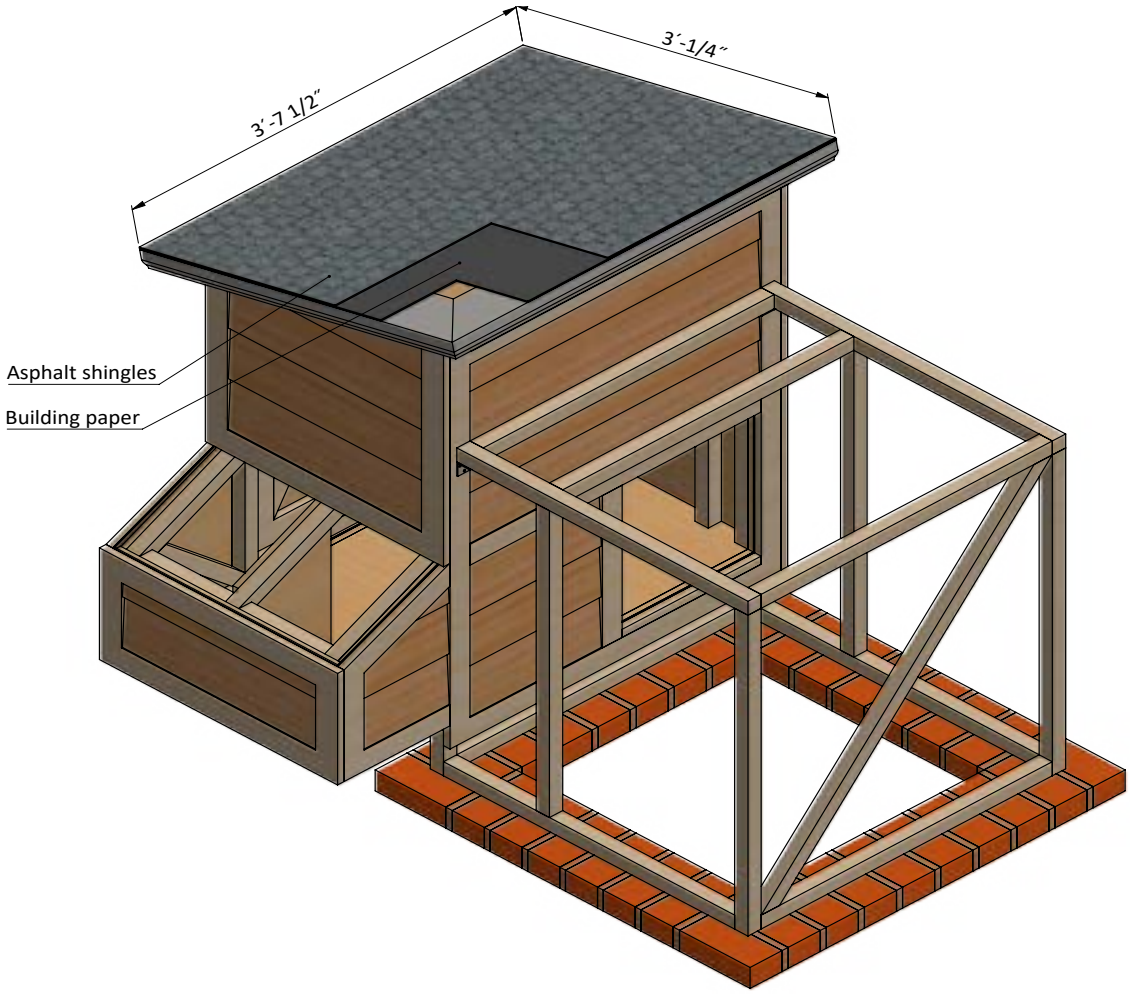
STEP 11

Coop's Roof Sheathing Installation

11.1 You will need 12 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.

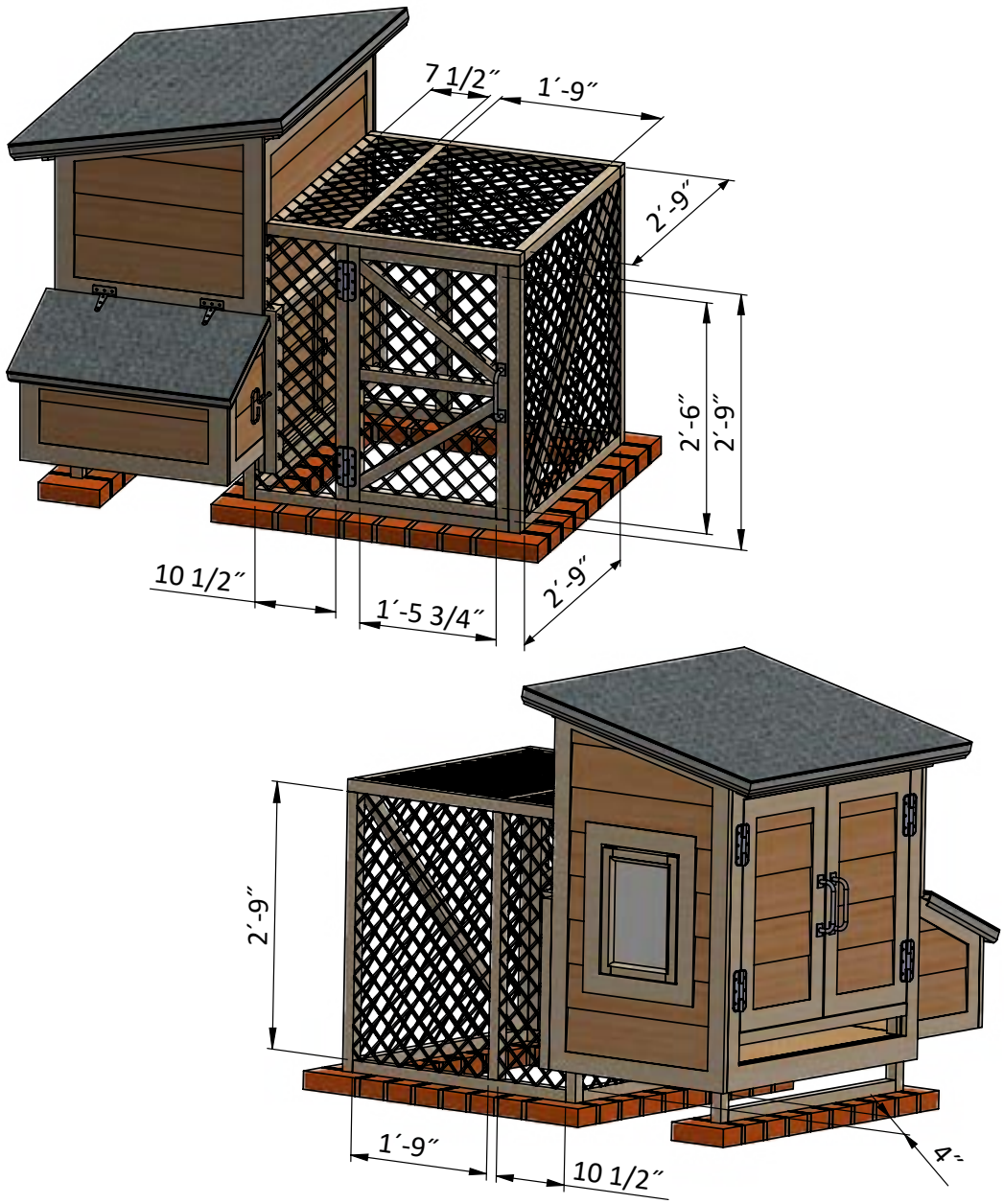
11.3 Install asphalt shingle roofing using an industrial stapler.



STEP 12

Mesh Wall Installation

12.1 Cover the walls with 1/4″ wire mesh with the help of industrial stapler. You will need 29 sq ft.



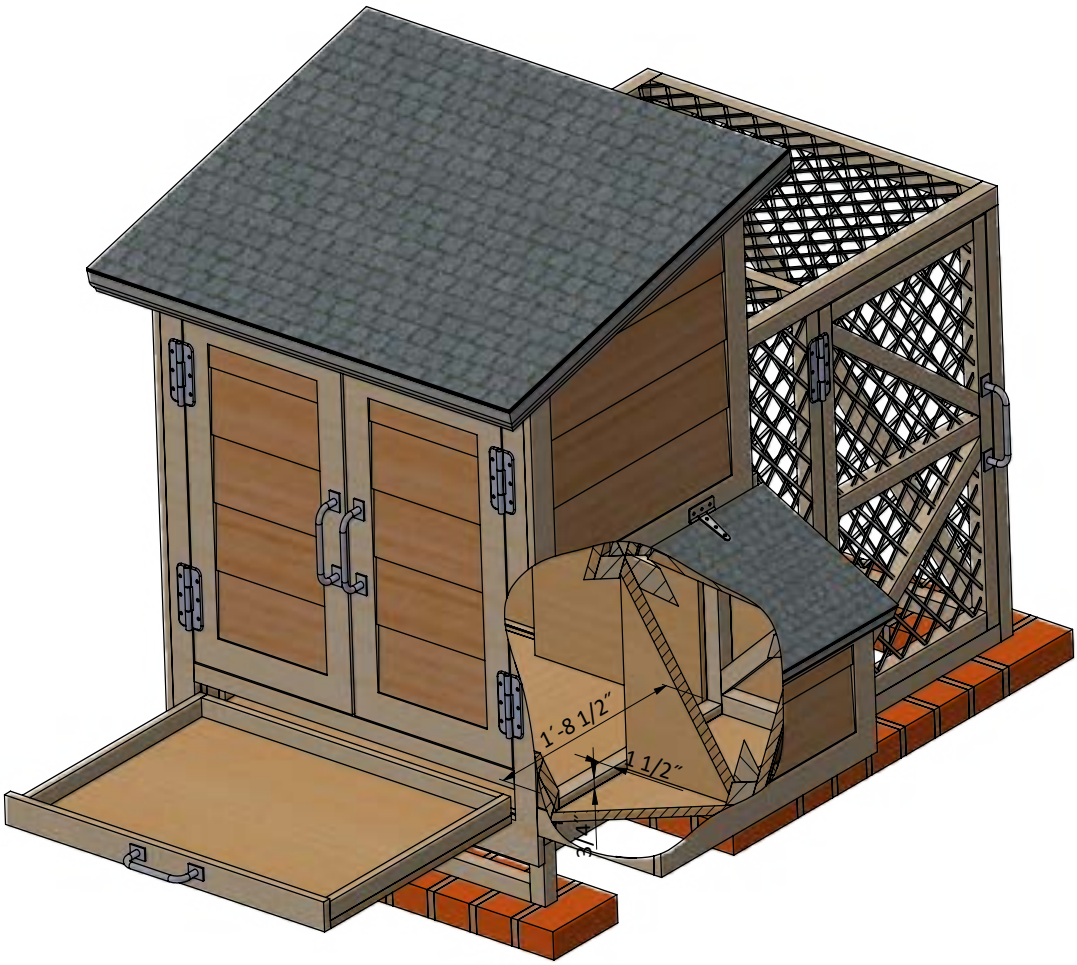
STEP 13

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 one board cut to 2′-6 1/2″, two boards cut to 1′-1 3/4″ and one board cut to 2′-9″. Assemble the rame and put the 1′-11 1/2″ x 2′-8″ plywood sheet at the bo om. Finish the tray installation by attaching 6″ door pull.

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

13.3 Using 3/4″ x 1 1/2″ pressure-treated lumber prepare and install litter tray guide.
You will need to cut one board to 1′-8 1/2″.



STEP 14

Assemble The Roost

14.1 Assemble the roost using 3/4″ x 1 1/2″ pressure-treated lumber.
You will need two boards cut to 2′-8″ and four boards cut to 2′-6 1/4″.

14.2 Connect the beams with 2″ wood screws.

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

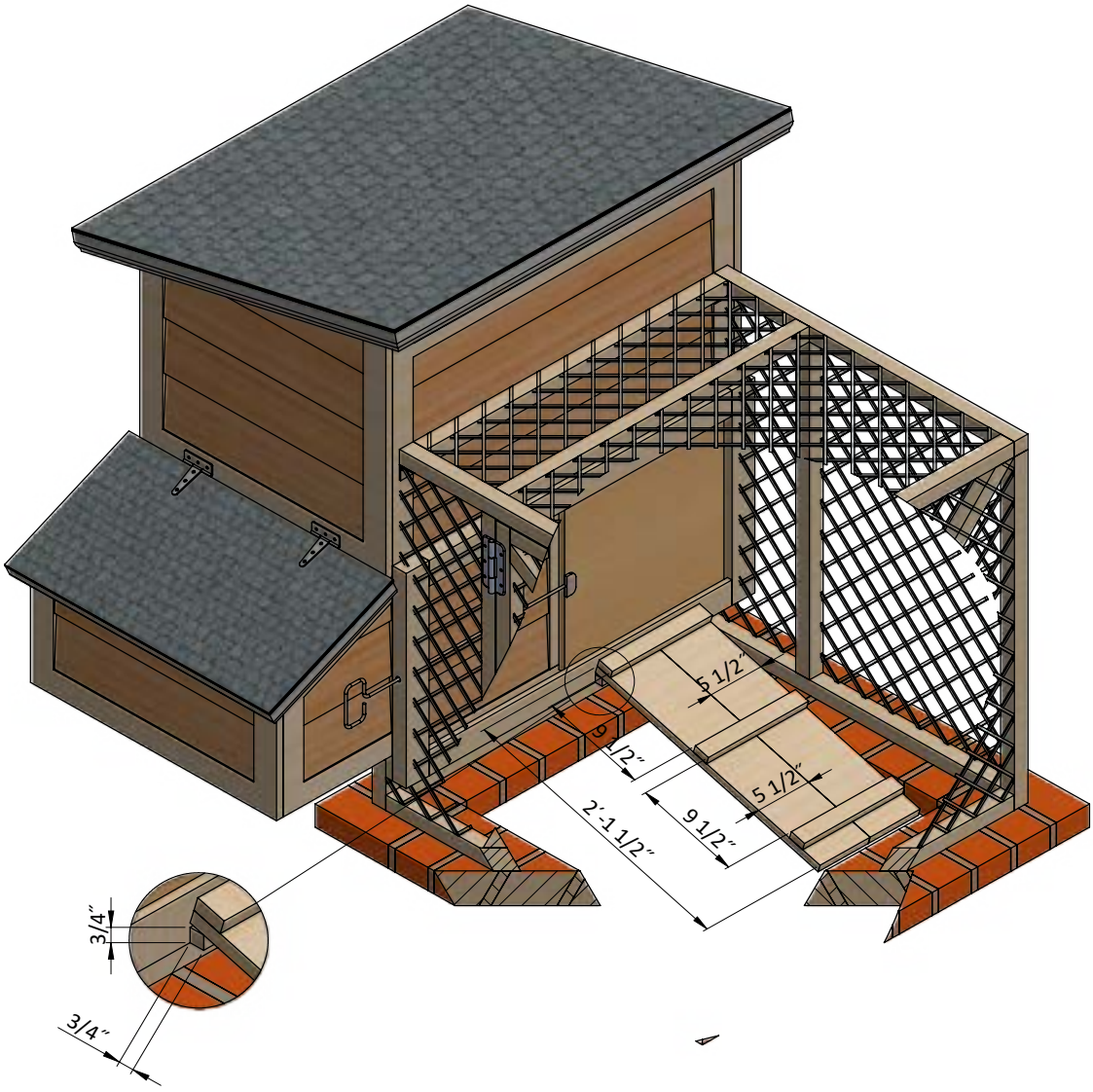
STEP 15

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 2′-1 1/2″ and three 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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