Craftcamp

Free 3' x 6' Chicken Coop Plan

Up to 6 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	18	31
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'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

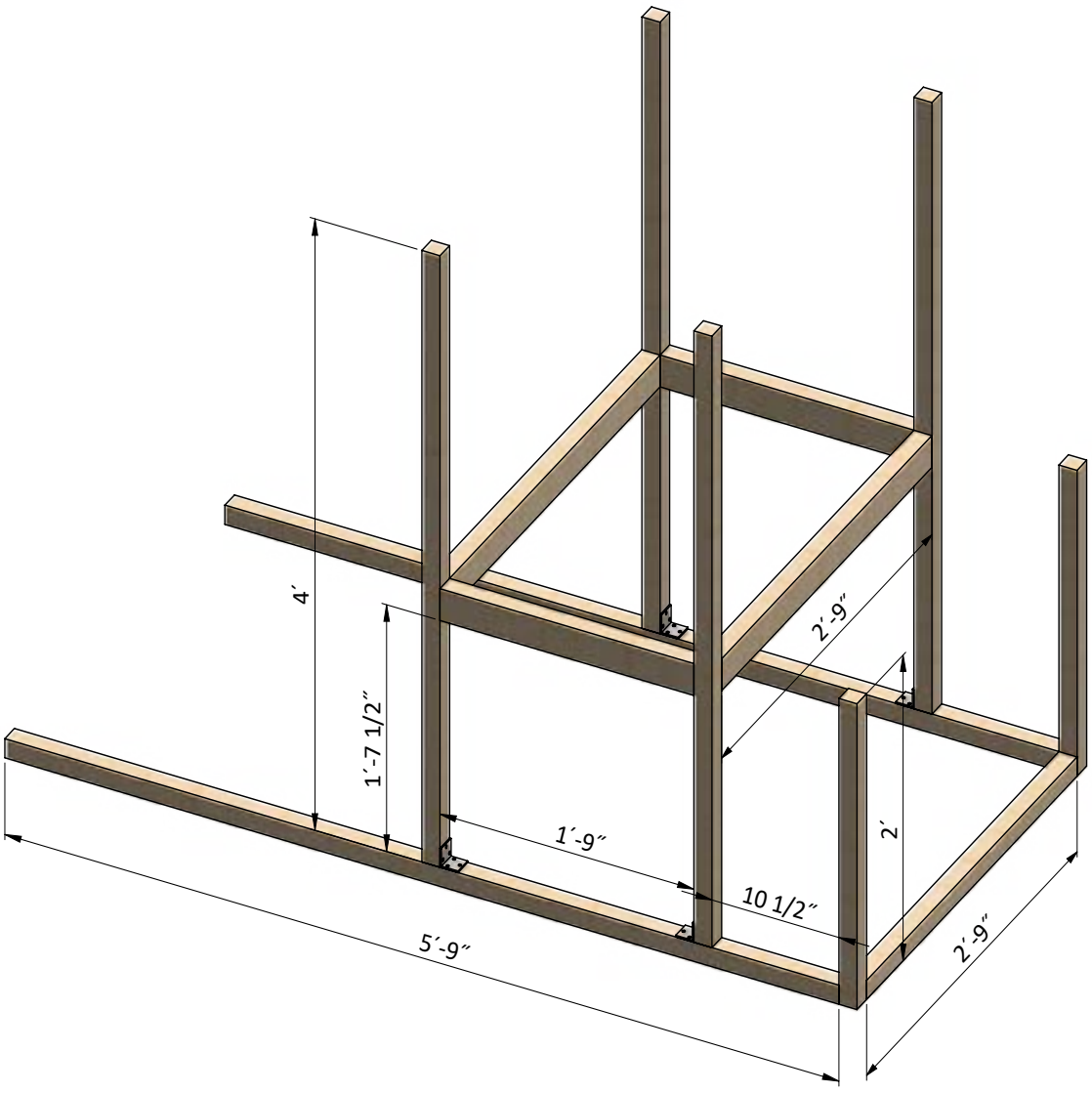
STEP 1

Assemble the Main Frame

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

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°.



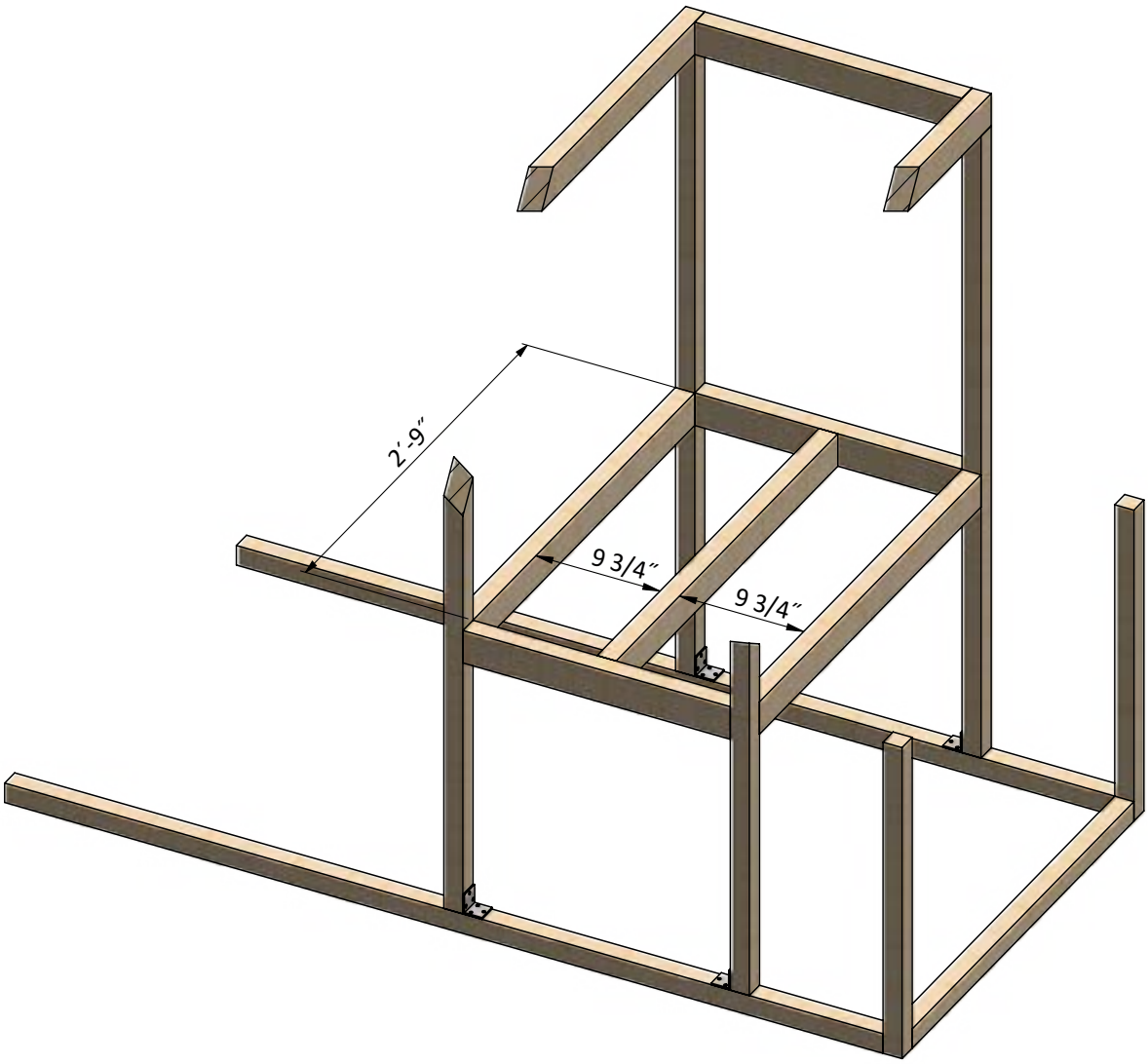
STEP 2

Assemble The Floor Frame

2.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, cut one joist and assemble using the illustrations below as a reference. You will need one board cut to 2′-9″.

2.2 Connect the beams with 5″ wood screws.

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



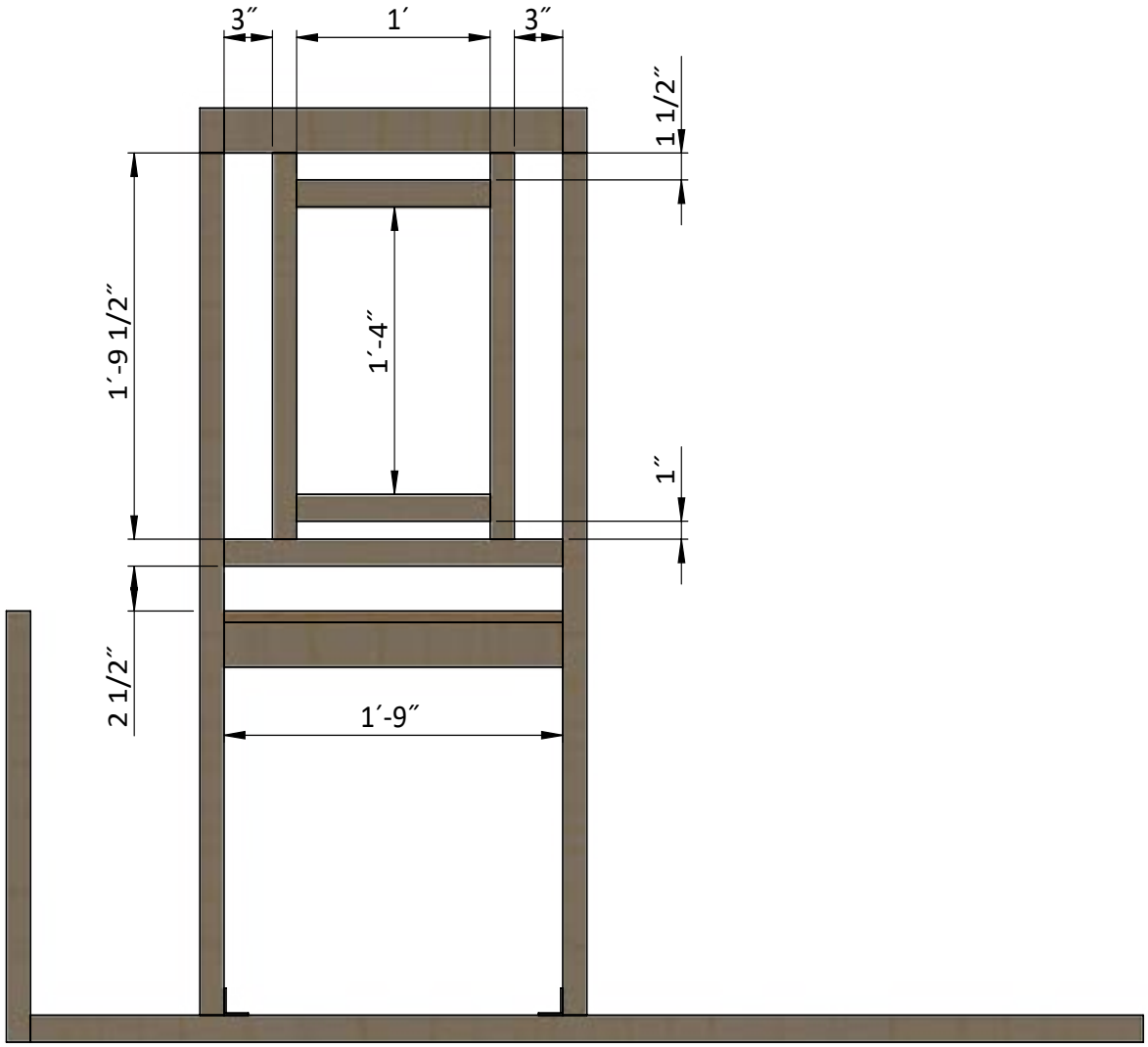
STEP 3

Assemble Back Side Wall Frame

3.1 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 two boards cut to 1′-9 1/2″ that will be studs, two boards cut to 1′ that will be the window header and rough sill and one board cut to 1′-9″ that will be bottom plate.

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°.



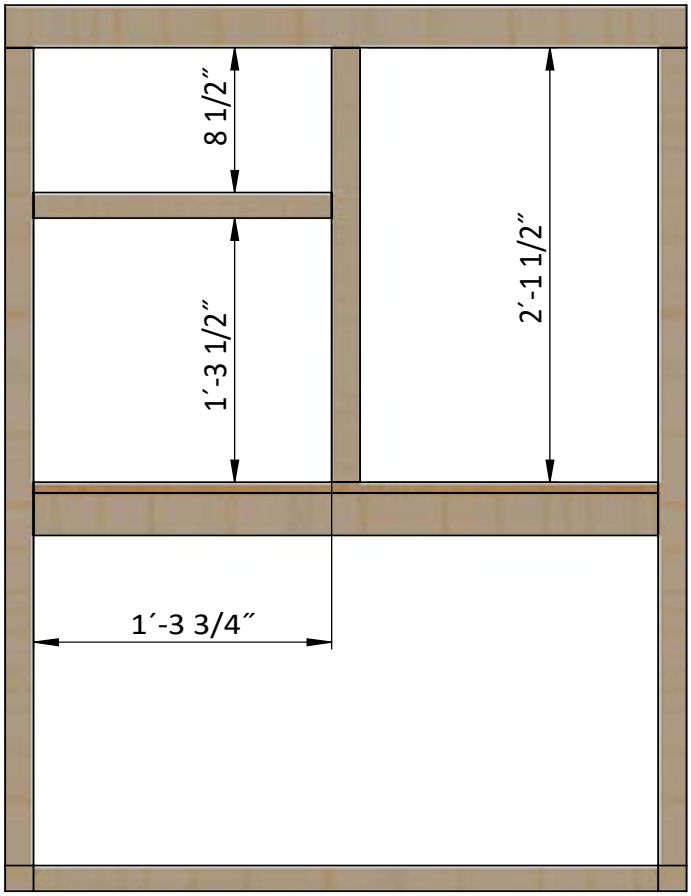
STEP 4

Assemble Left Side Wall Frame

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

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°.



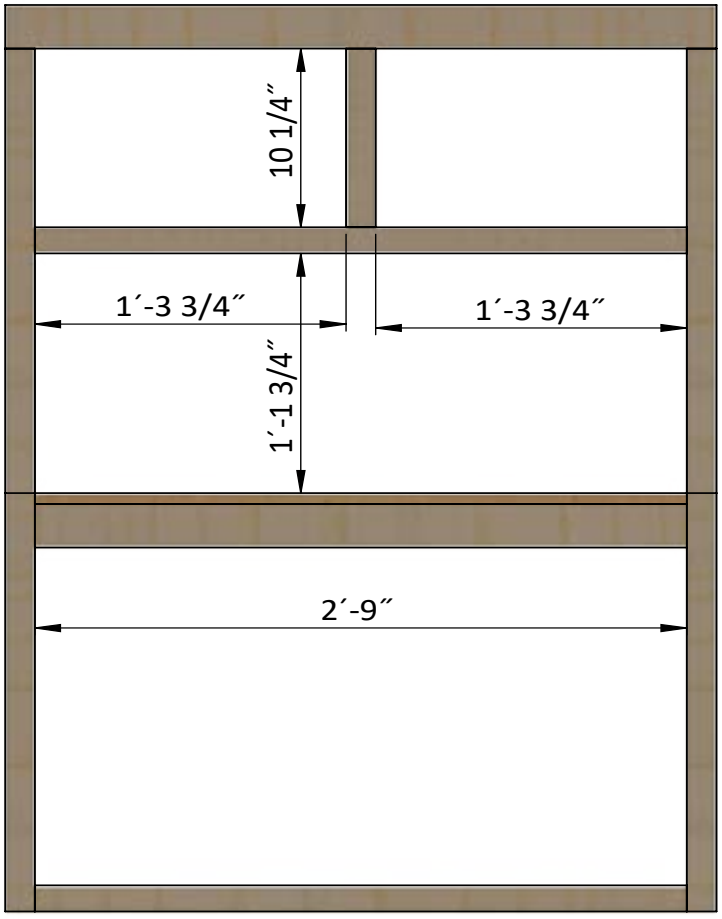
STEP 5

Assemble Right Side Wall Frame

5.1 Using 1 1/2″ x 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 10 1/4″ that will be stud and 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

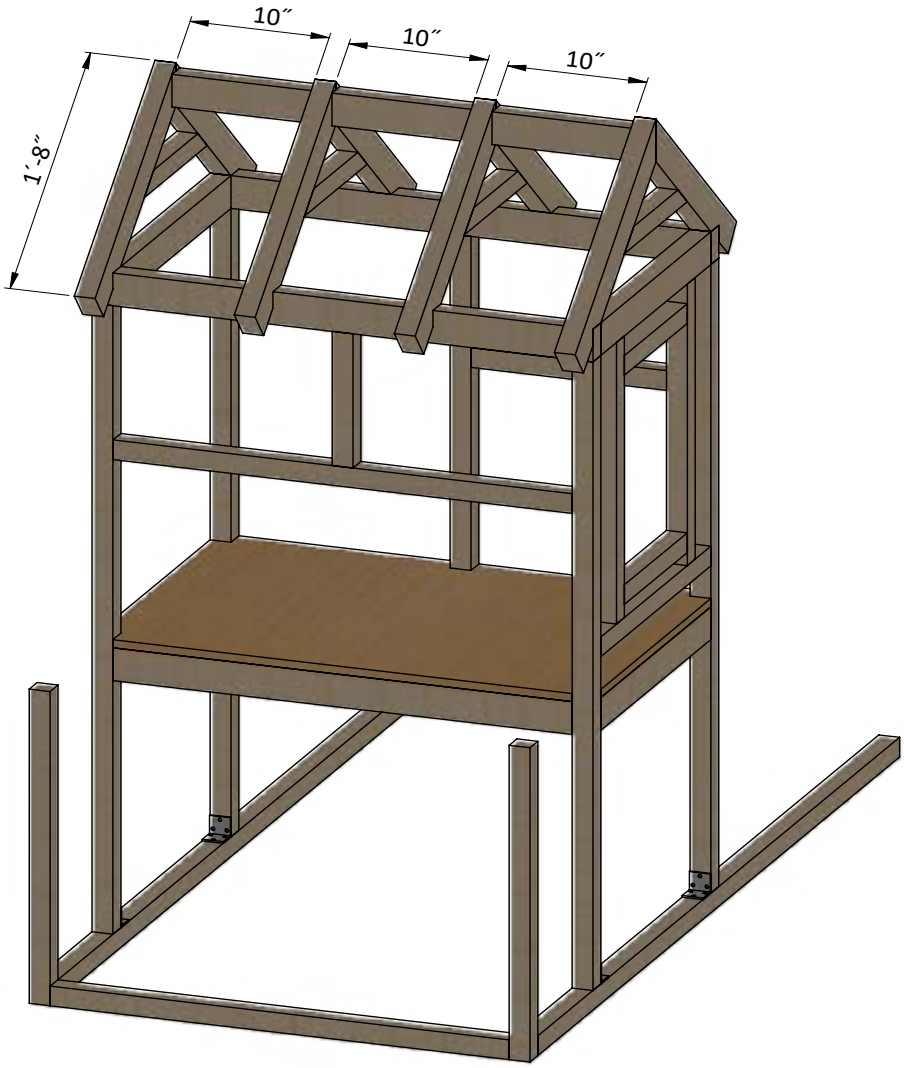
Assemble the Roof Frame

6.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, cut eight rafters 1′-8″ long according to the dimensions in drawings below.

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

6.3 Using 1 1/2″ x 2 1/2″ pressure-treated board, cut three boards 10″ long that will be ridge boards according the illustration below.

6.4 Connect the beams with 3″ wood screws.



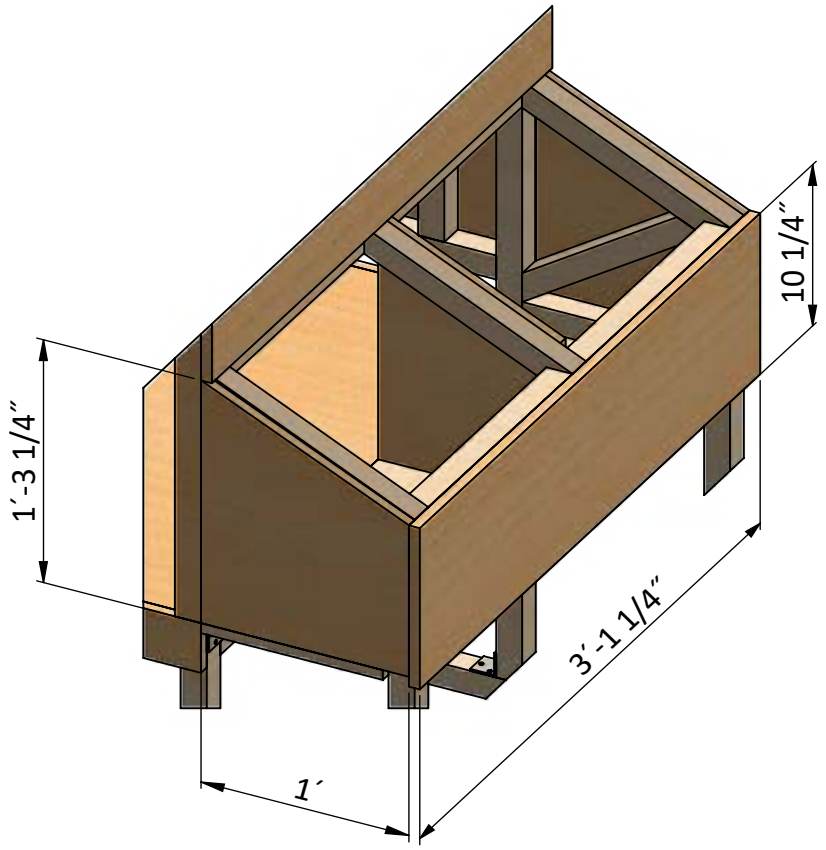
STEP 7

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 10 1/4″ x 3′-1 1/4″ sheet for the front, one 1′ x 3′-1 1/4″ sheet for the bottom and three 1′ x 1′-3 1/4″ 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.

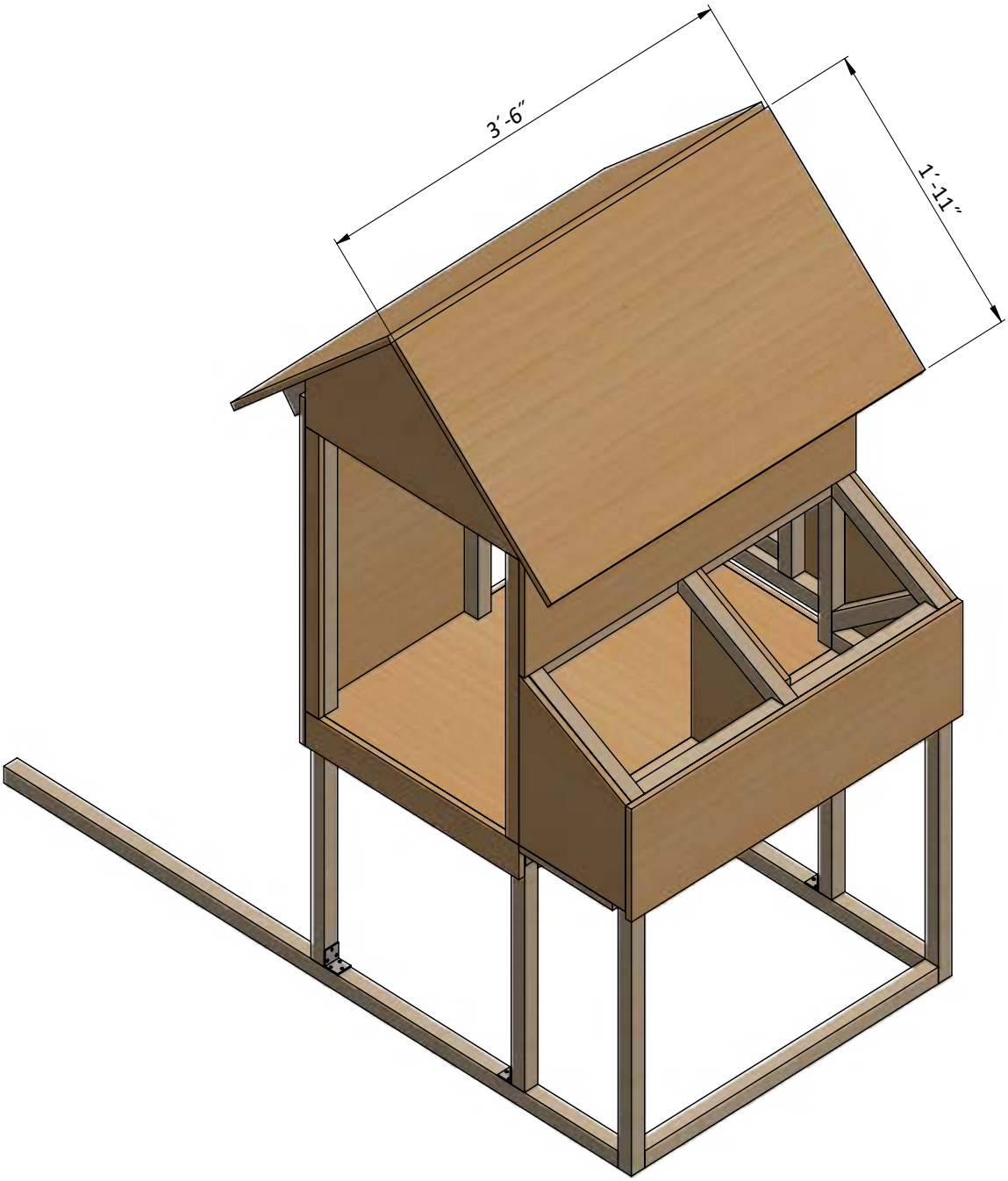


STEP 8

Install Plywood for the Roof

8.1 Cut sheet of 5/8″ plywood for the roof sheathing using the drawing below as a guide. You will need two 1′-11″ x 3′-6″ sheets.

8.2 Secure the plywood with 2″ wood screws.



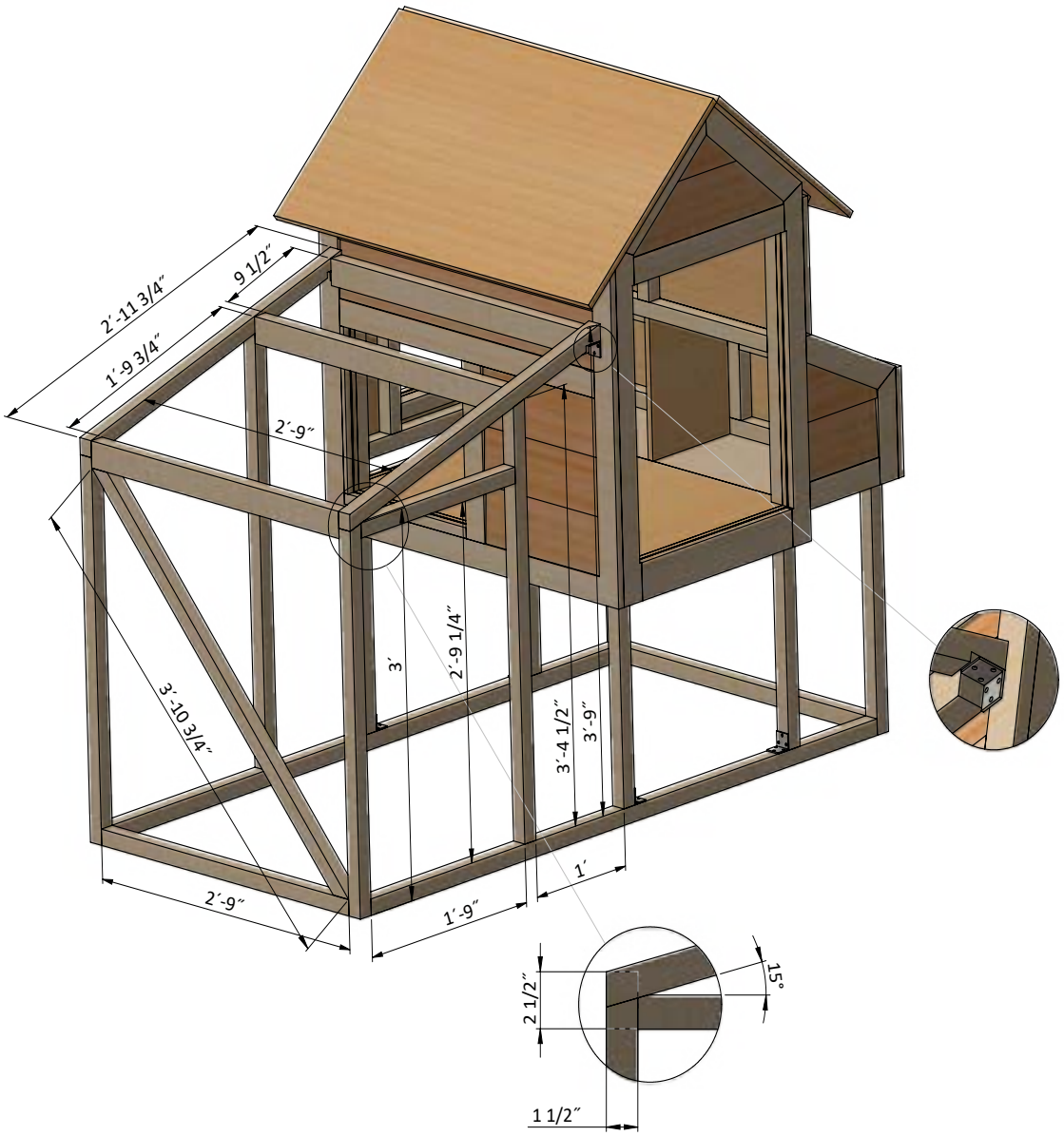
STEP 9

Assemble The Aviary Frame

9.1 Assemble the aviary frame using 1 1/2″ x 1 1/2″ and 1 1/2″ x 2 1/2″ pressure-treated lumber. You will need two boards cut to 2′-11 3/4″ that will be top plates, three boards cut to 2′-9″ that will be joists, two boards cut to 3′ and two boards cut to 3′-4 1/2″that will be the studs, one board cut to 3′-10 3/4″ that will be cross brace and one board cut to 1'-9" that will be the aviary door header.

9.2 Connect the beams with 5″ wood screws.

9.3 Install two 1 1/2″ x 1 1/2″ corner brackes with help of 1″ screws.



STEP 10

Install Plywood for the Aviary

10.1 Cut sheet of 5/8″ plywood for the roof sheathing using the drawing below as a guide. You will need one 3′-2″ x 3′-2″ sheet.

10.2 Secure the plywood with 2″ wood screws.

STEP 11

Assemble and Install Front Door

11.1 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′-1 1/4″ that will be the v al girts, two boards cut to 1′-3 3/4″ that will be the horizontal girts and one board cut to 2′-1 3/4″ that will be cross brace.

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

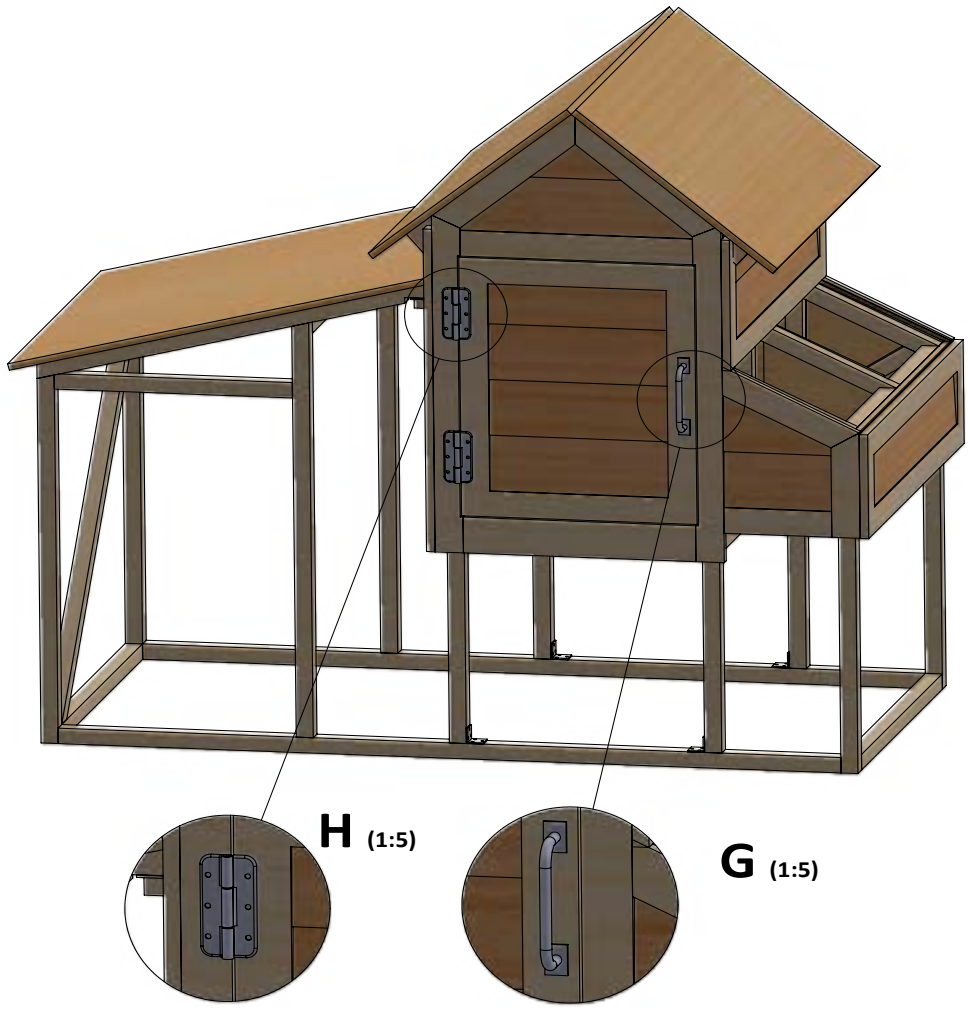
11.3 Use 3/4″ x 2 1/2″ pressure-treated lumber for the door trim and fasten with 2″ wood screws. You will need two boards cut to 1′-3 3/4″ and two boards cut to 2′-1 1/4″.

11.4 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.

11.5 For the exterior siding on the door, use 1/2″ x 6″ wood siding boards and the illustra w as a reference.

11.6 Assemble siding shields with 2″ galvanized nails.

11.7 Install two 5″ door hinges using 6x1″ wood screws.
Finish the doors installa y a aching 8″ door pull (see nodes **G, H**).



STEP 12

Assemble and Install Window

12.1 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 v al girts. Cut the recesses in each beam for splicing c
mill a recess for the glass.

12.2 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.

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

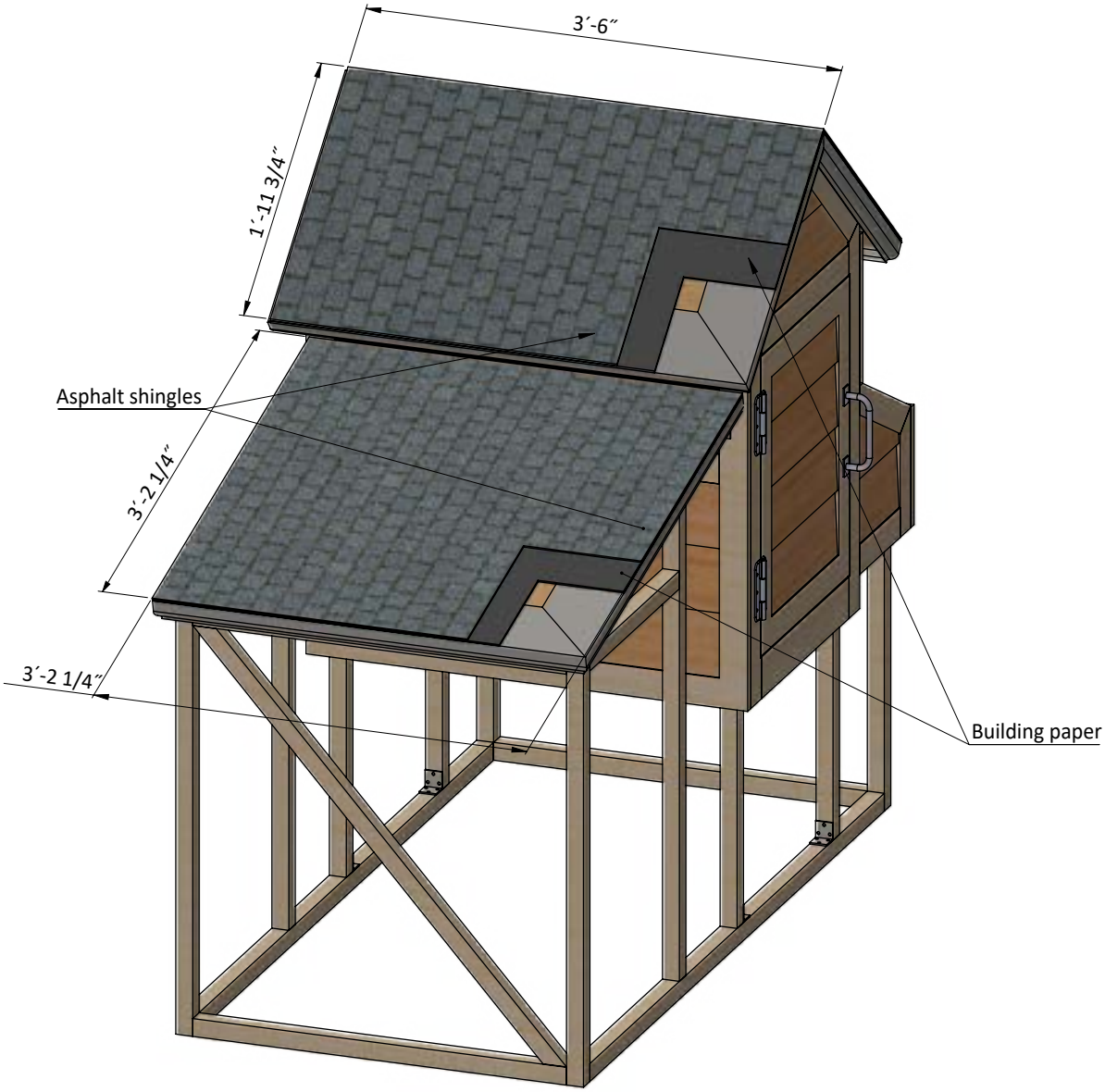
STEP 13

Coop's Roof Sheathing Installation

13.1 You will need 24 Sq Ft of building paper and asphalt shingle r

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

13.3 Install asphalt shingle r trial stapler.



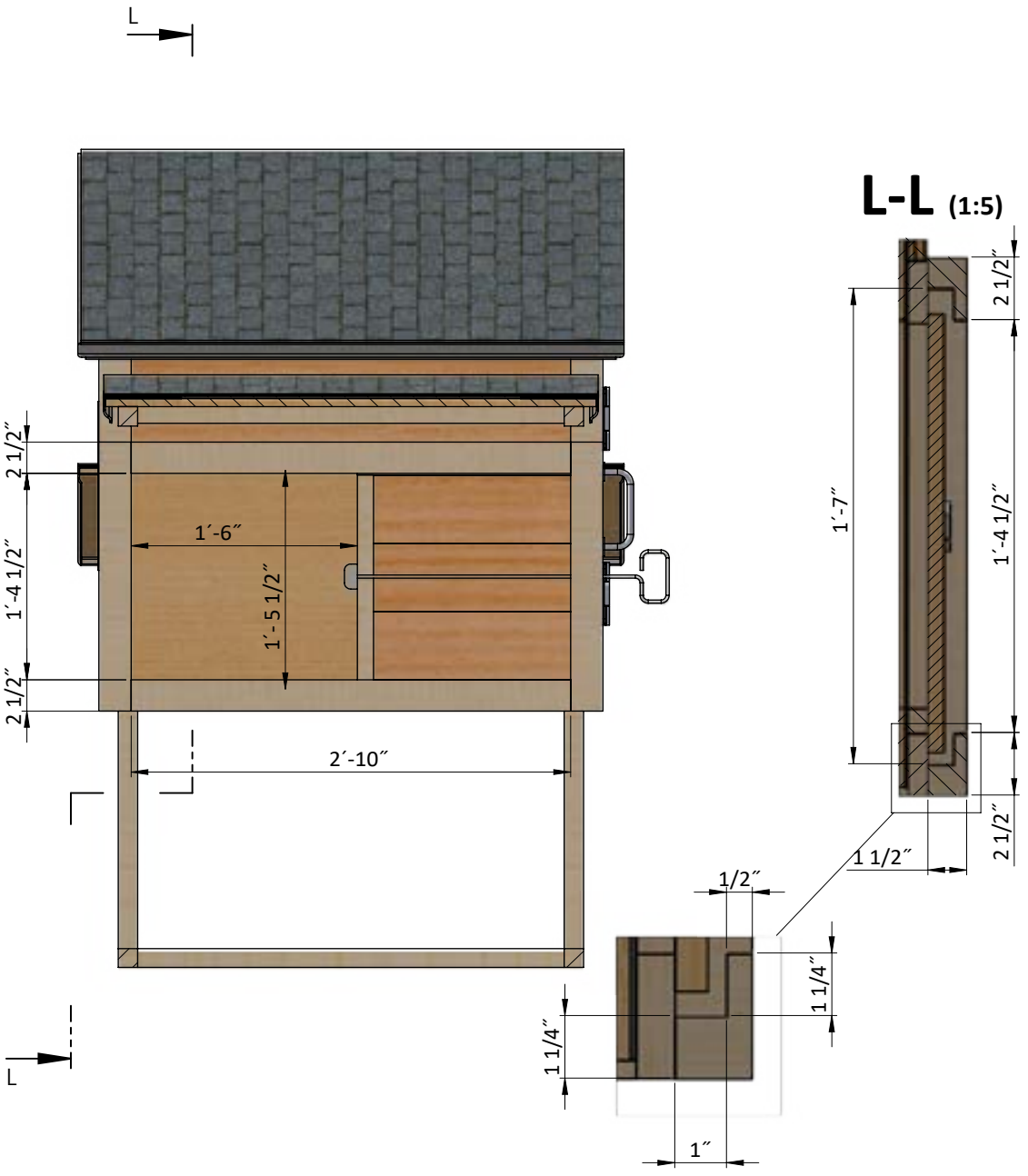
STEP 14

Assemble the Chicken Door

14.1 Prepare the 5/8″ plywood sheet with dimensions 1′-5 1/2″ x 1'-6″ for the chicken door according to the drawing.

14.2 Use 1 1/2″ x 2 1/2″ pressure-treated lumber to cut and install the chicken door trims. Use the illustra w as a reference. You will need two boards cut to 2′-10″ that will be horizontal girt and two boards cut to 1′-9 1/2″ that will be v al girt. Cut the recesses in the horizontal girts to alowed chicken door sliding.

14.3 Install two 2″ door hinges using 1″ wood screws.
Finish the door installa y a aching 4″ surface bolt.



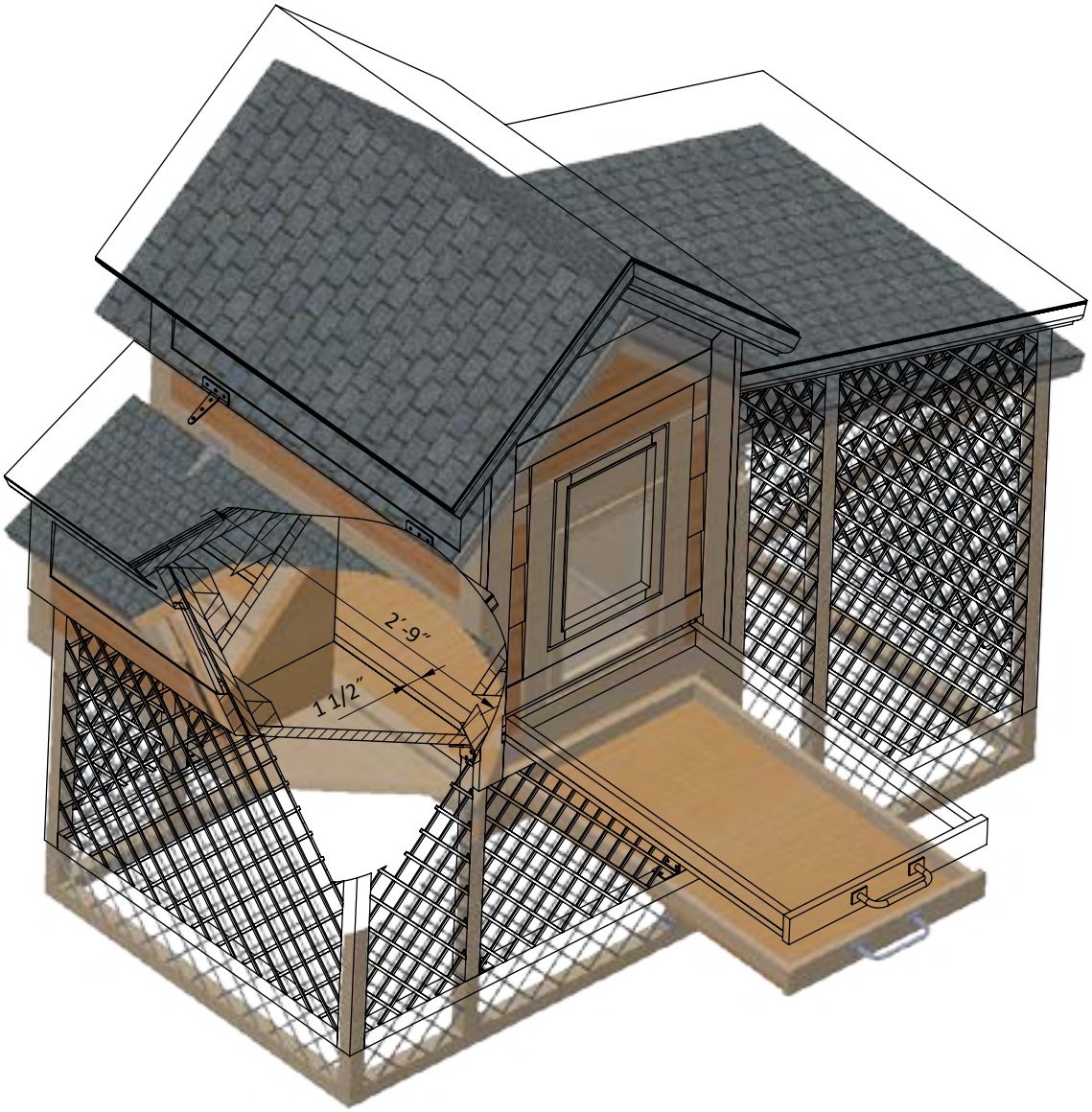
STEP 15

Assemble The Litter Tray

15.1 er 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 2′-9″, one board cut to 1′-6 1/2″ and one board cut to
1′-8 3/4″. Assemble the frame and put the 1′-8″ x 2′-9″ plywood sheet a om. Finish the tray installa y a aching 6″ door pull.

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

15.3 Using 3/4″ x 1 1/2″ pressure-treated lumber prepare and inst er tray guide.
You will need to cut one board to 2′-9″.



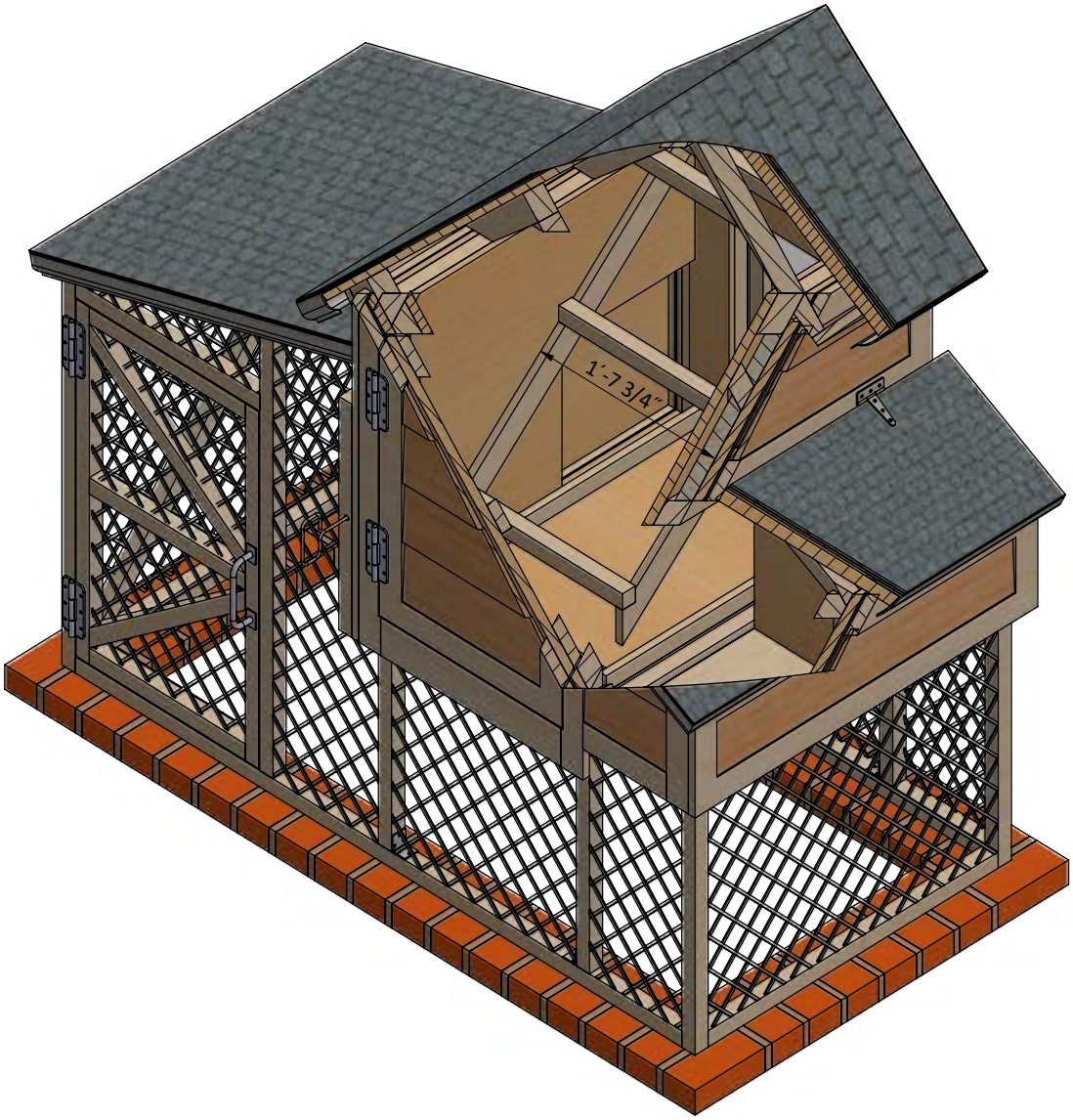
STEP 16

Assemble The Roost

16.1 Assemble the roost using 1 1/2″ x 1 1/2″ and 3/4″ x 2 1/2″ pressure-treated lumber. You will need two boards cut to 3′-1/2″ and three boards cut to 1′-7 3/4″.

16.2 Connect the beams with 2″ wood screws.

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



STEP 17

Assemble The Chicken Ladder

17.1 Assemble the ladder using 3/4″x3/4″, 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 three boards cut to 11″.

17.2 Connect the beams with 2″ wood screws.

17.3 Install the roost at the studs with the help of 2″ screws.

STEP 18

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 preserva e.

Free vs. Premium Plan: What's the Difference?

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Fastening Elements List	X	✓
Technical Support	X	✓

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