



2'x6' Chicken Coop Plan

Up to 6 chickens



Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	21	62
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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2'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

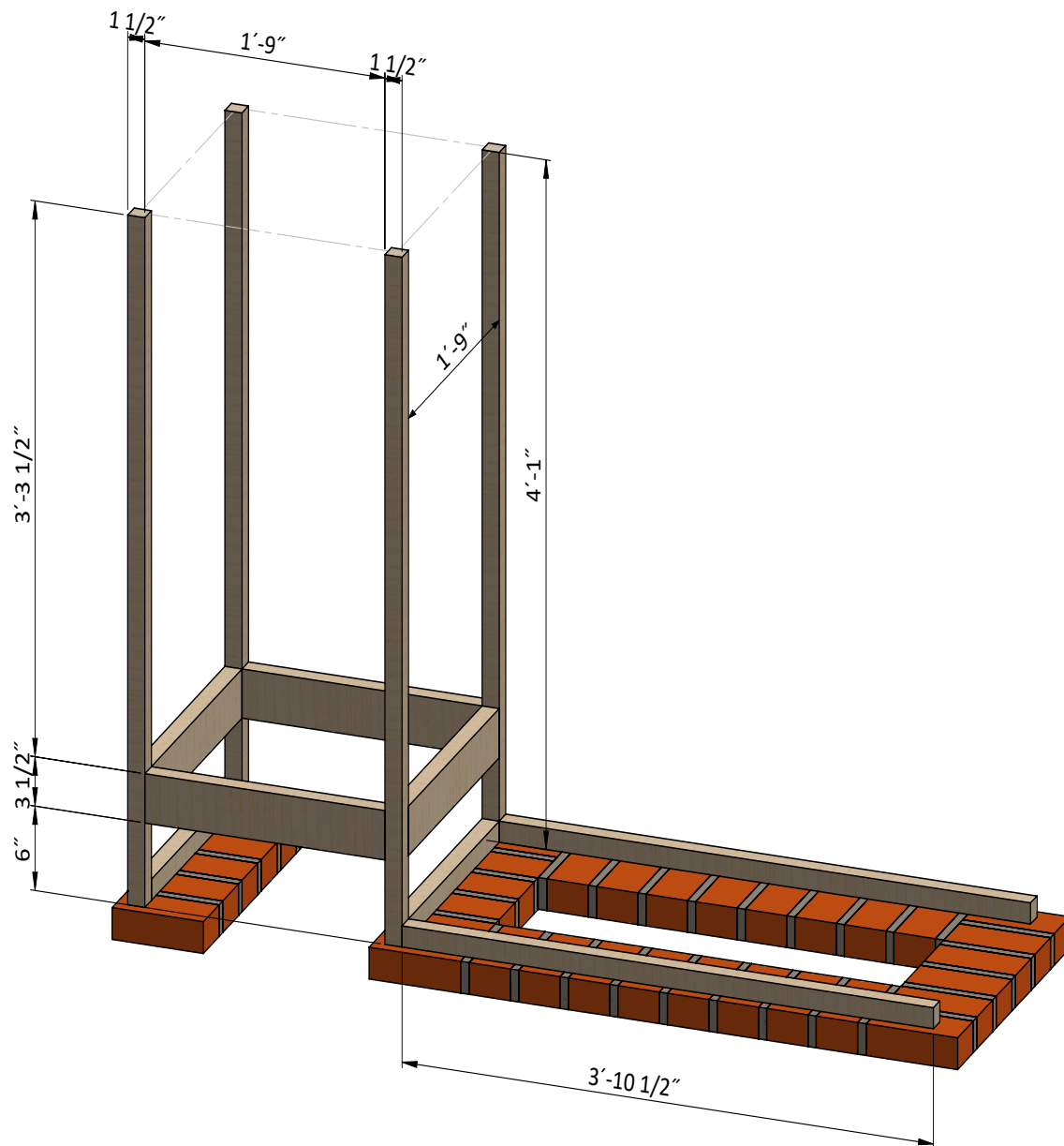
STEP 1

Assemble the Main Frame

1.1 Using 1 1/2" x 1 1/2" and 1 1/2" x 3 1/2" pressure-treated lumber, install the wall studs using the drawing below as a reference. You will need four boards cut to 4'-1" that will be studs, two boards cut to 1'-9" that will be joists, two boards cut to 3'-10 1/2" and four boards cut to 1'-9" 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°.



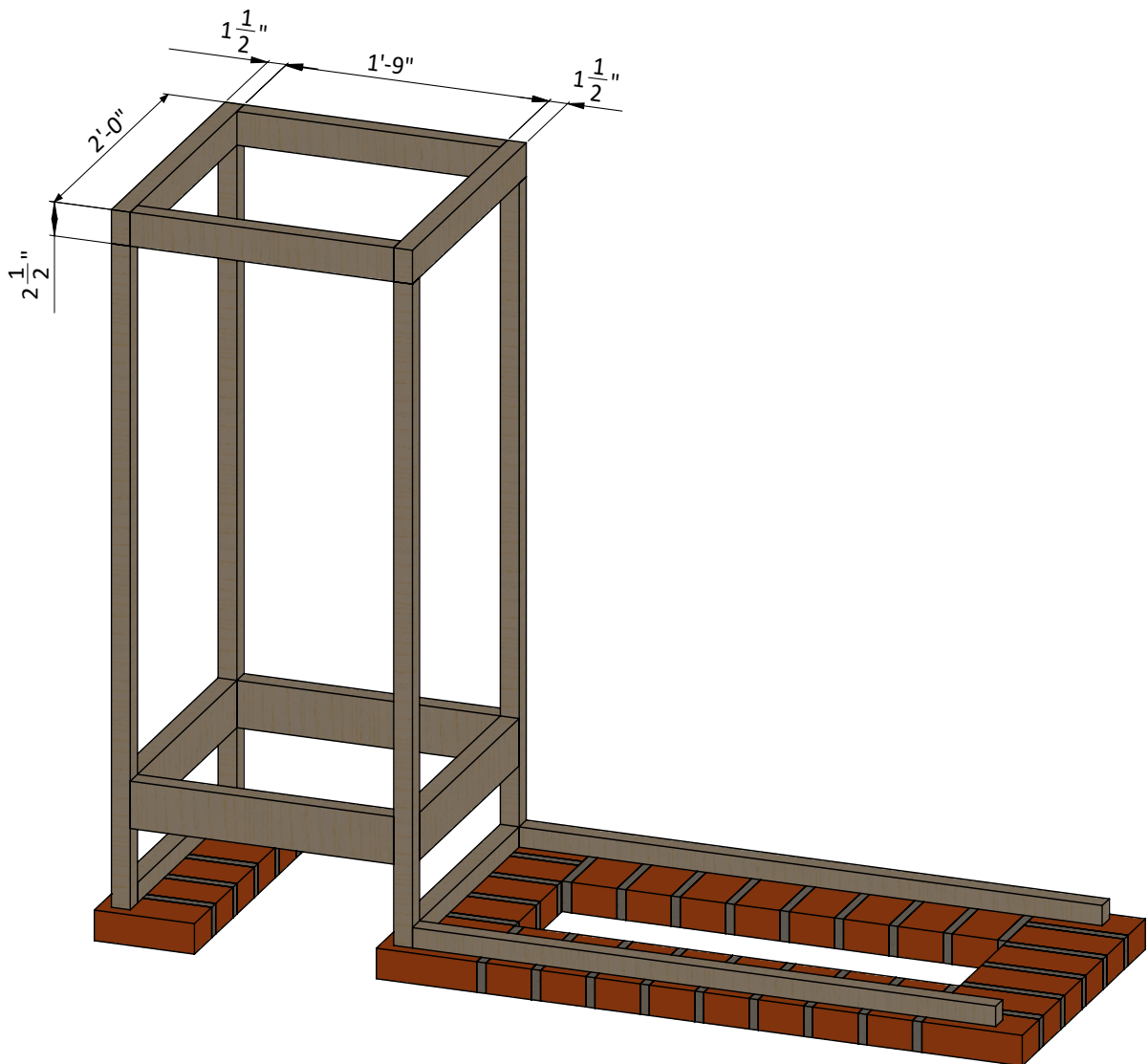
STEP 2

Assemble The Top Plates

2.1 Assemble the top plates using 1 1/2" x 2 1/2" pressure-treated lumber. You will need two boards cut to 2' and two boards cut to 1'-9".

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°.



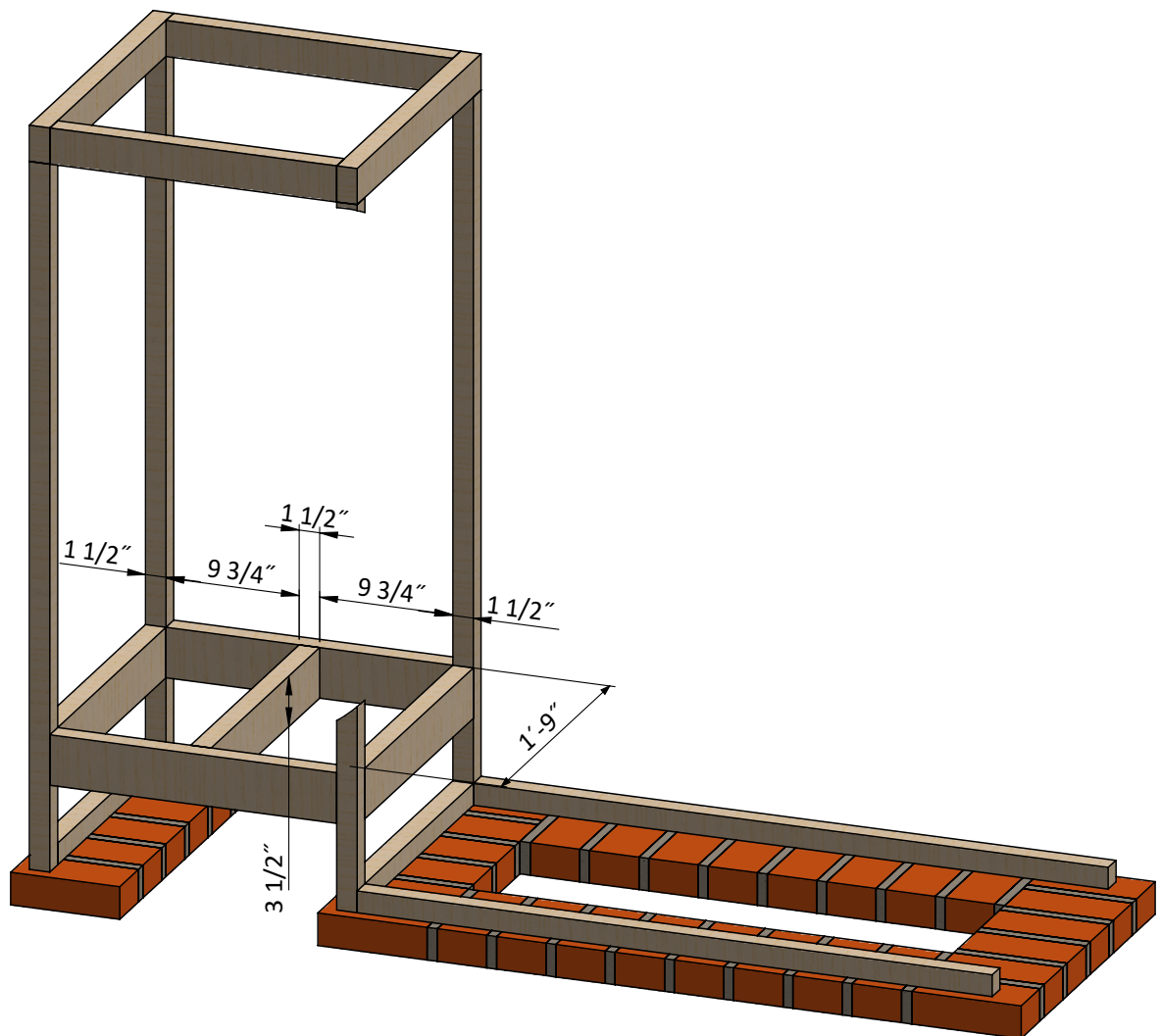
STEP 3

Assemble The Floor Frame

3.1 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 1'-9".

3.2 Connect the beams with 5" wood screws.

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



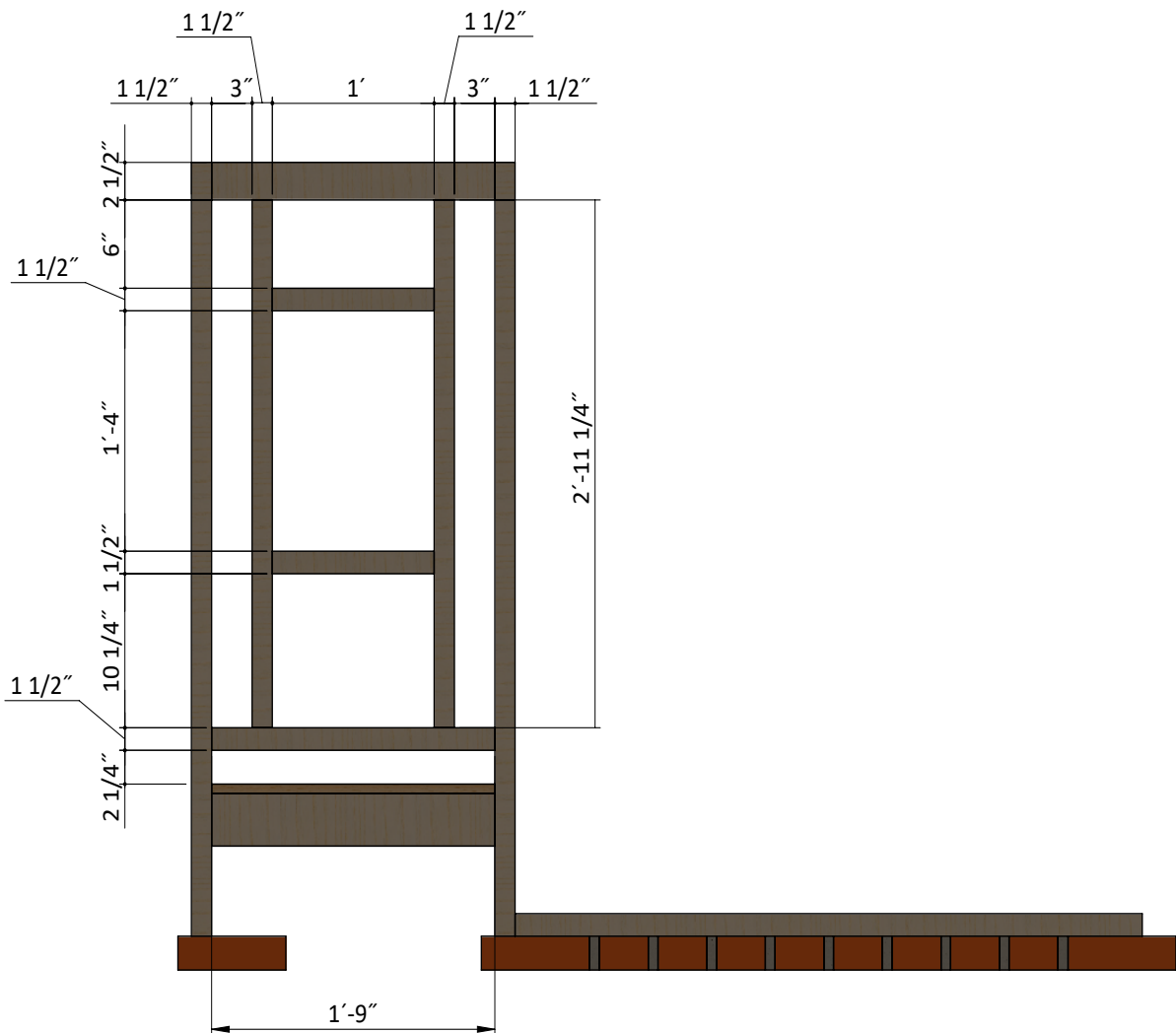
STEP 4

Assemble Back Side Wall Frame

4.1 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 2'-11 1/4" 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.

4.2 Connect the beams with 2x3" wood screws.

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



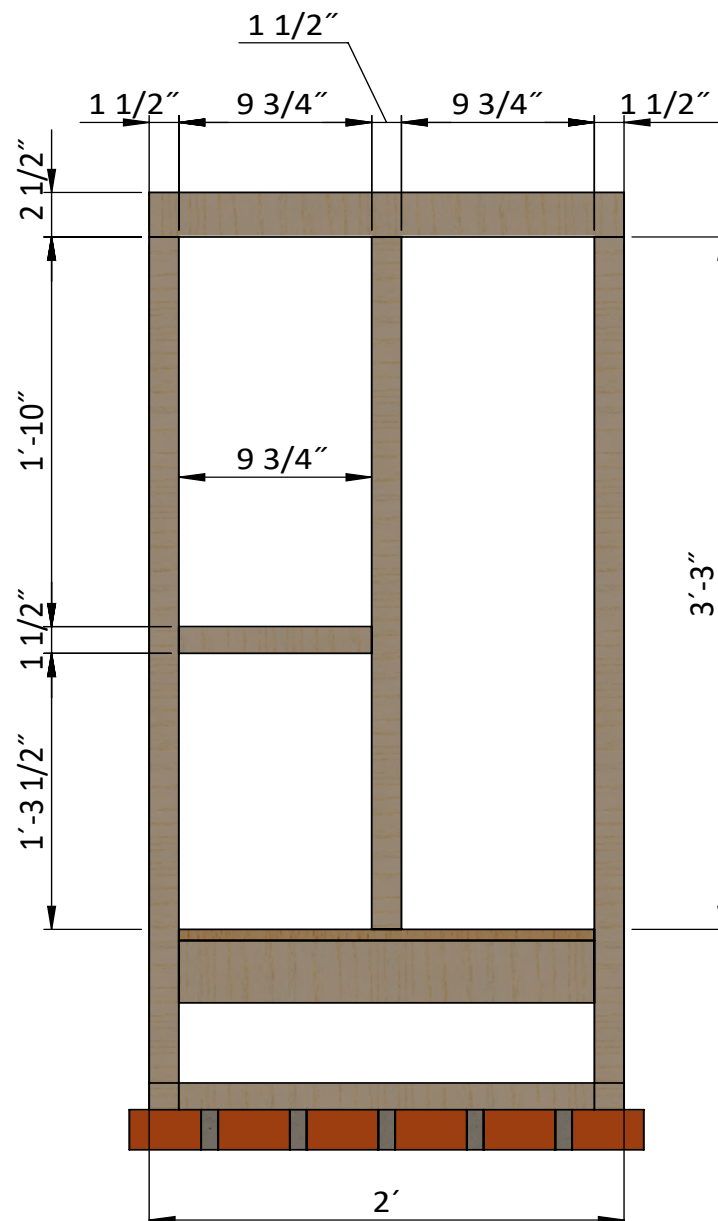
STEP 5

Assemble Left Side Wall Frame

5.1 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 3'-3" that will be stud and one board cut to 9 3/4" that will 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°.



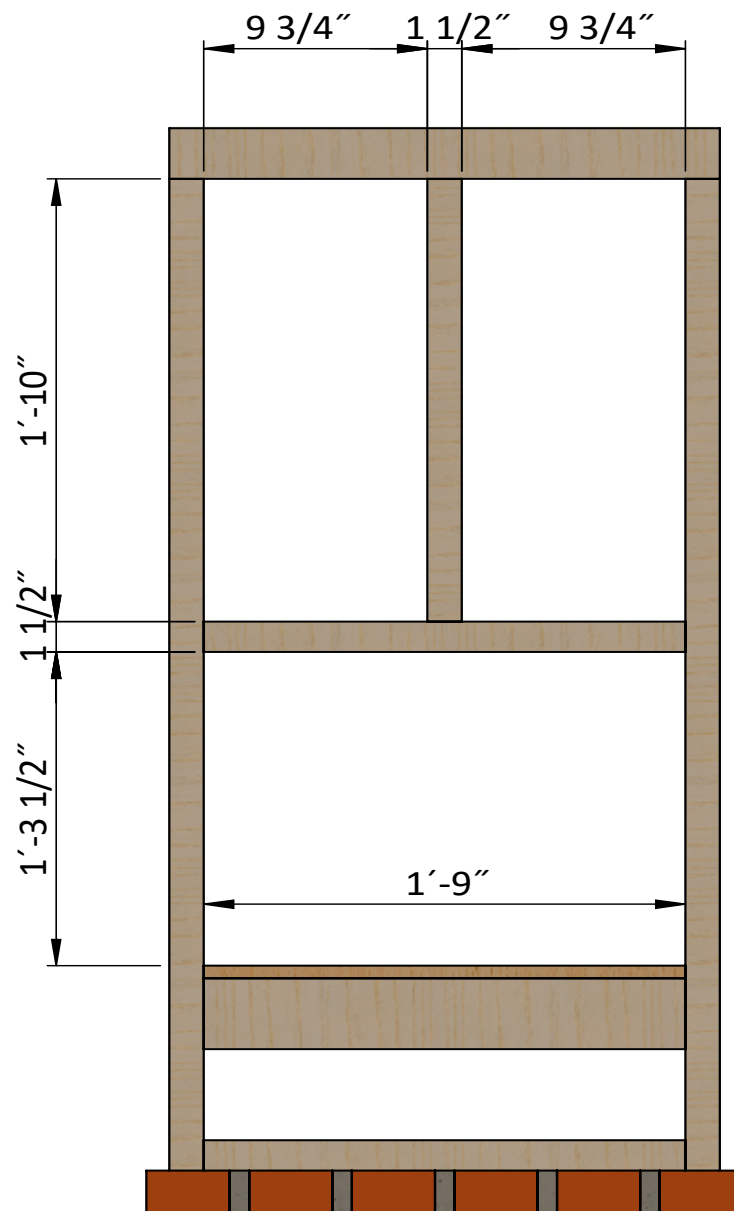
STEP 6

Assemble Right Side Wall Frame

6.1 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'-10" that will be stud and one board cut to 1'-9" that will be bottom 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

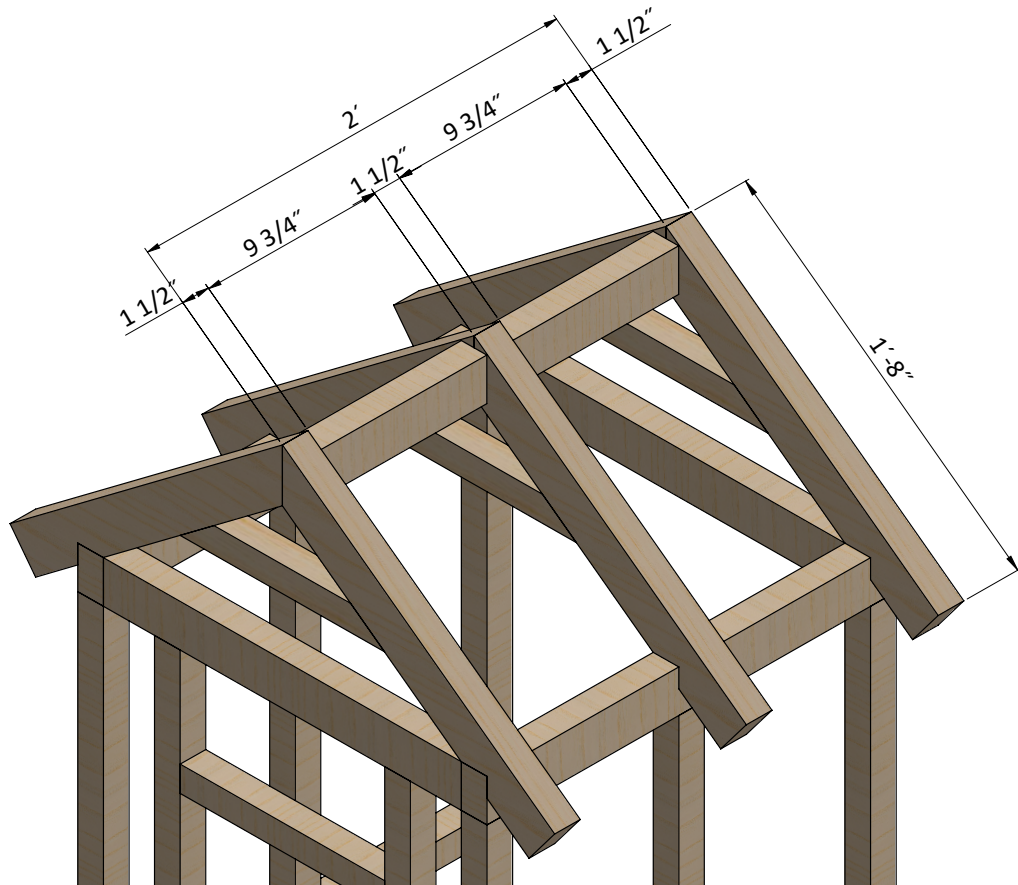
Assemble the Roof Frame

7.1 Using 1 1/2" x 2 1/2" pressure-treated lumber, cut six rafters 1'-8" long according to the dimensions in drawings below.

7.2 Using 1 1/2" x 1 1/2" pressure-treated lumber, cut three collar ties 1' long according to the dimensions in drawings below.

7.3 Using 1 1/2" x 2 1/2" pressure-treated board, cut two boards 9 3/4" long that will be ridge boards according to the illustration below.

7.4 Connect the beams with 3" wood screws.



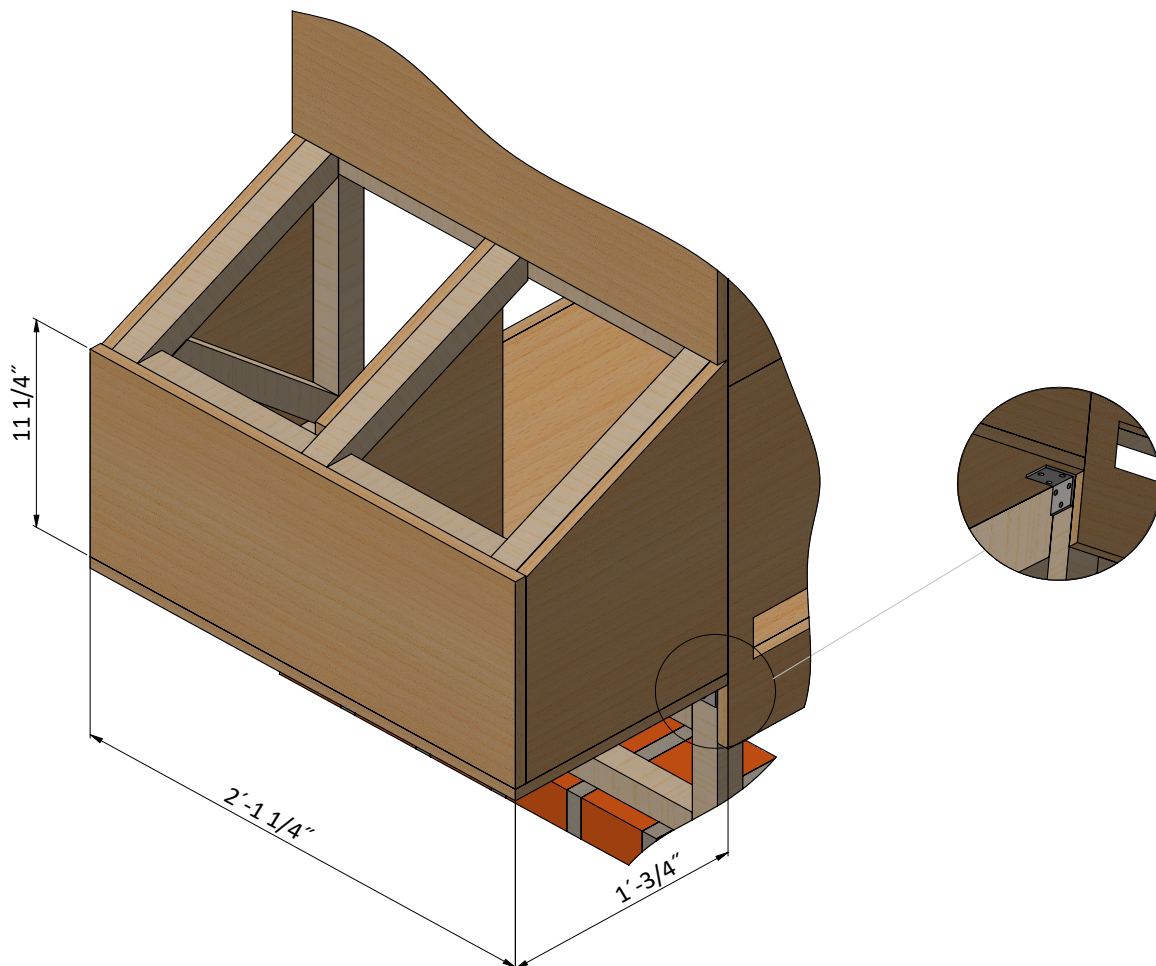
STEP 8

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 11 1/4" x 2'-1 1/4" sheet for the front, one 1'-3/4" x 2'-1 1/4" sheet for the bottom and three 1' x 1'-5" sheets for sides and inner partition.

8.2 Secure the plywood with 2" wood screws.

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



STEP 9

Assemble The Aviary Frame

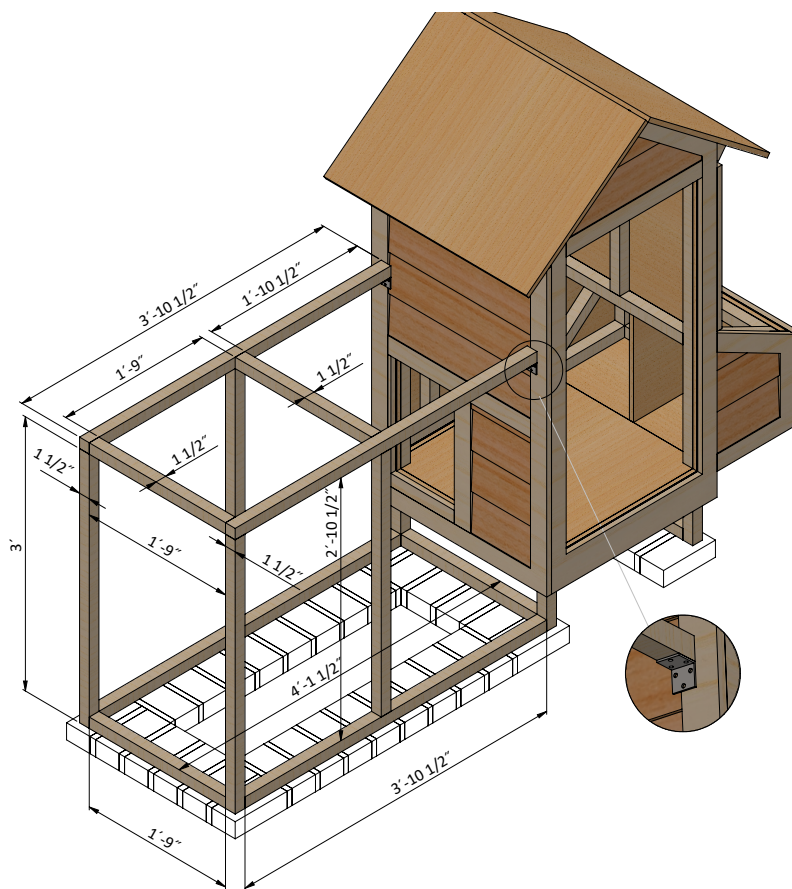
9.1 Assemble the top plates using 1 1/2" x 1 1/2" pressure-treated lumber.

You will need two boards cut to 3'-10 1/2" that will be top plates, three boards cut to 1'-9" that will be joists, two boards cut to 3' that will be the studs and two boards cut to 2'-10 1/2" that will be the studs.

9.2 Connect the beams with 5" wood screws.

9.3 Install two 1 1/2" x 1 1/2" corner brackets with help of 1" screws.

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



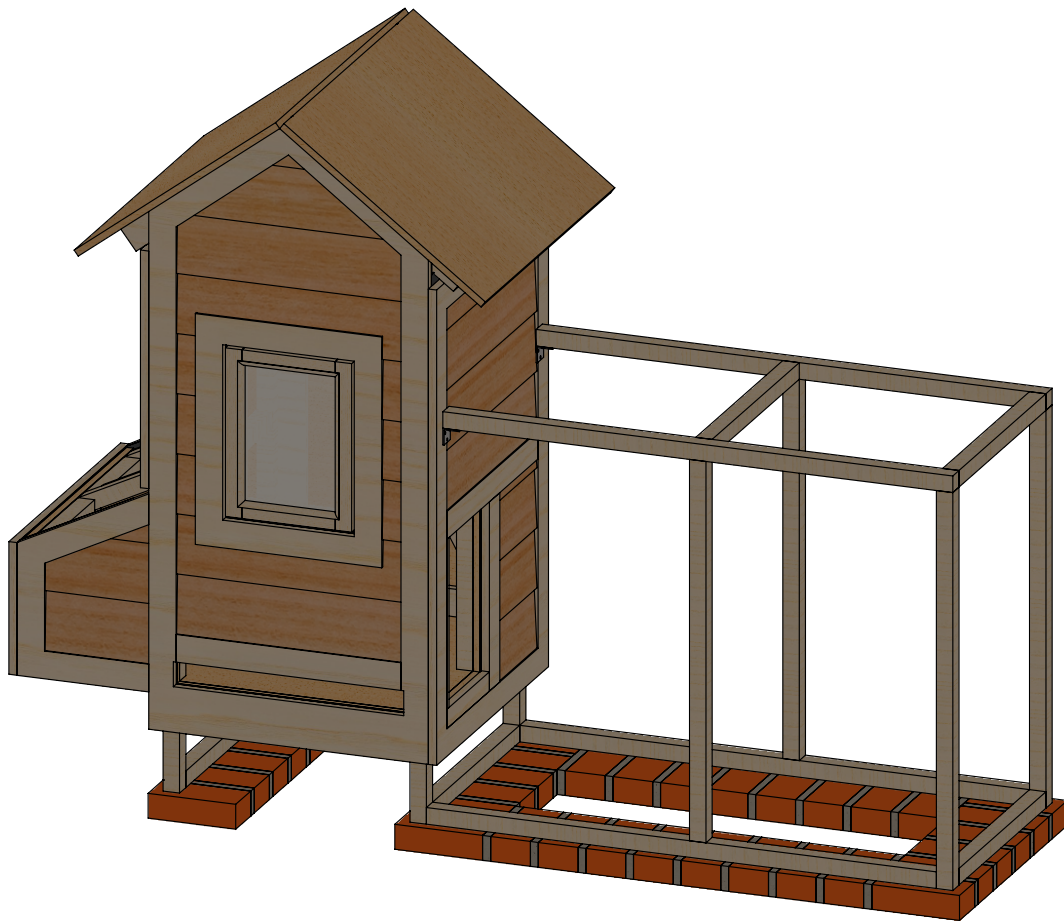
STEP 10

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 1/4" 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.



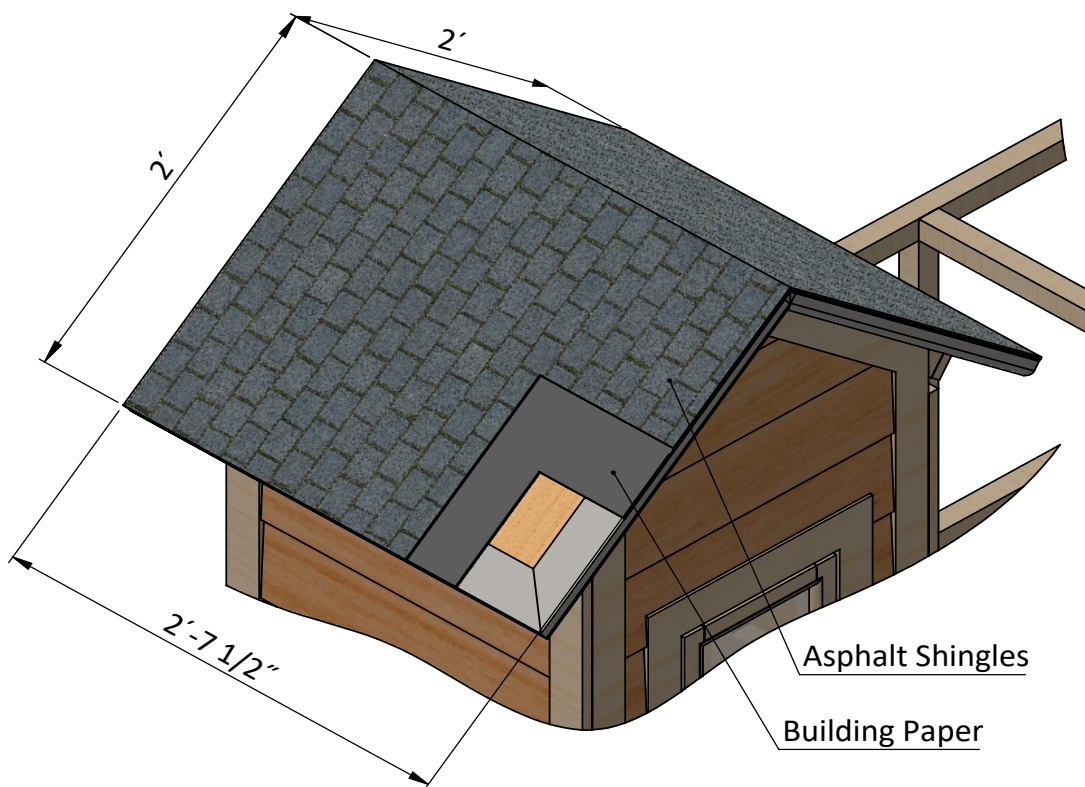
STEP 11

Coop's Roof Sheathing Installation

11.1 You will need 10 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.

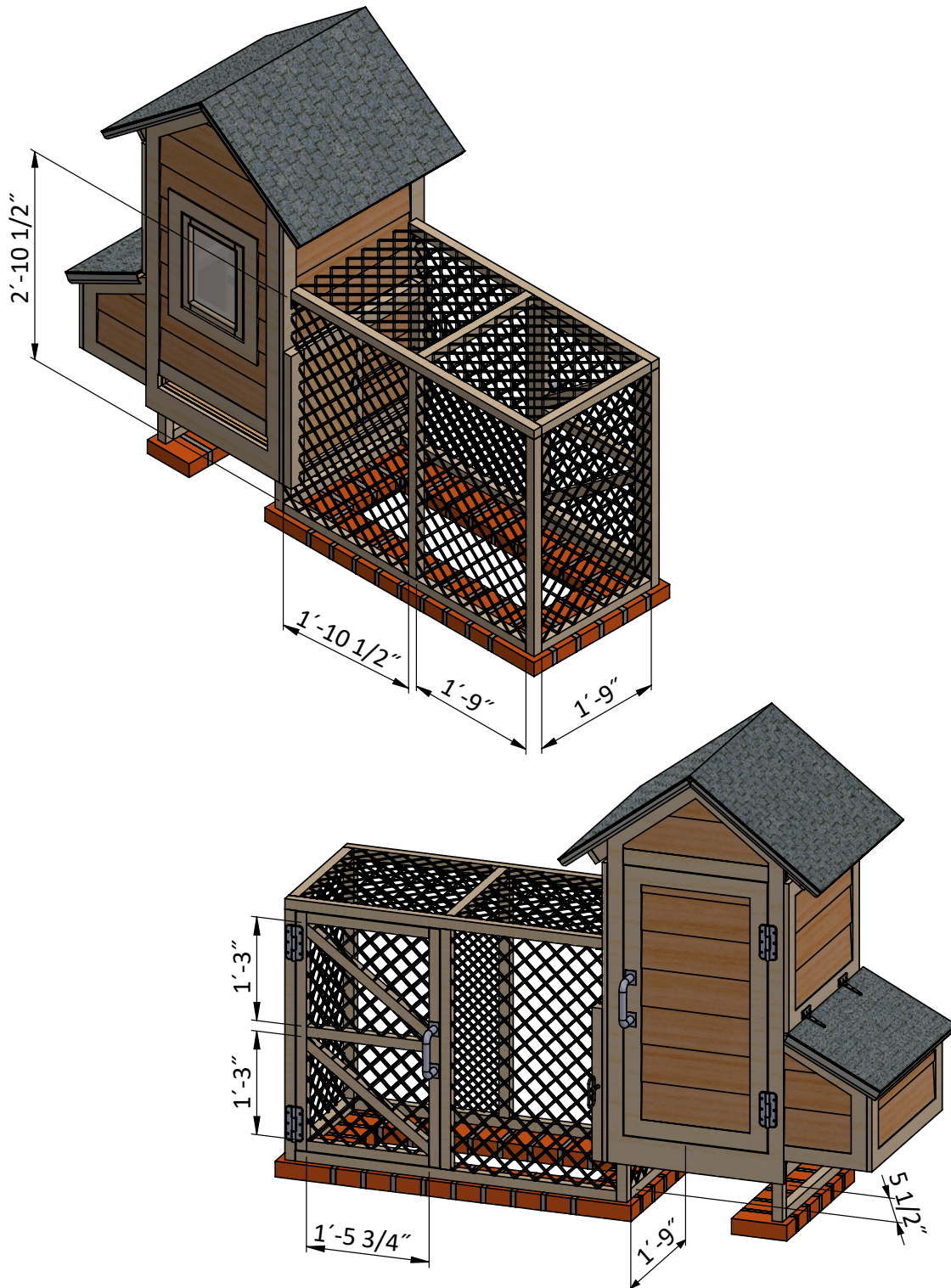
11.3 Install asphalt shingle roofing using an industrial stapler.



STEP 12

Mesh Wall Installation

12.1 Cover the walls with 1/4" wire mesh with the help of industrial stapler. You will need 33 sq ft.



STEP 13

Install Foam Board Insulation for the Inner Walls

13.1 Cut sheets of 3" foam board insulation for the inner wall sheathing according the drawings below. For the left wall you will need to cut one 9 3/4" x 3'-3" sheet and one 9 3/4" x 1'-10" sheet.

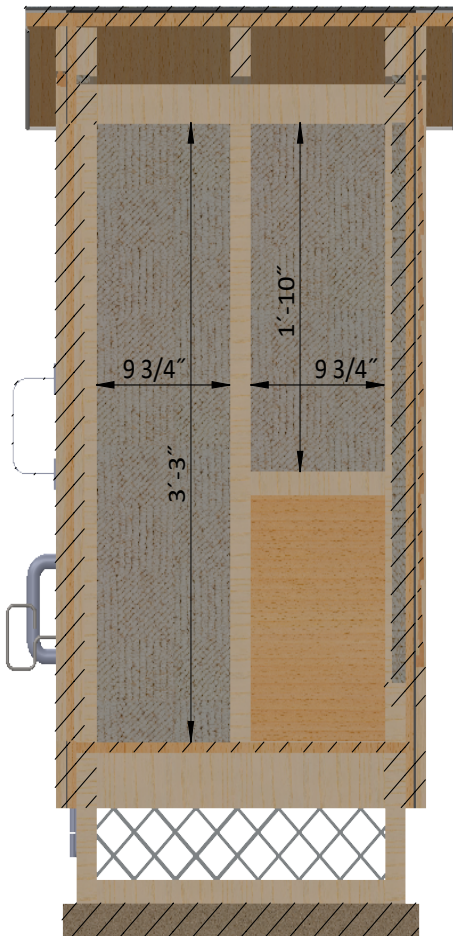
13.2 For the right wall you will need to cut two 9 3/4" x 1'-10" sheets.

13.3 For the front wall you will need to cut one 3" x 8" sheet and one 3 1/2" x 1'-9" sheet.

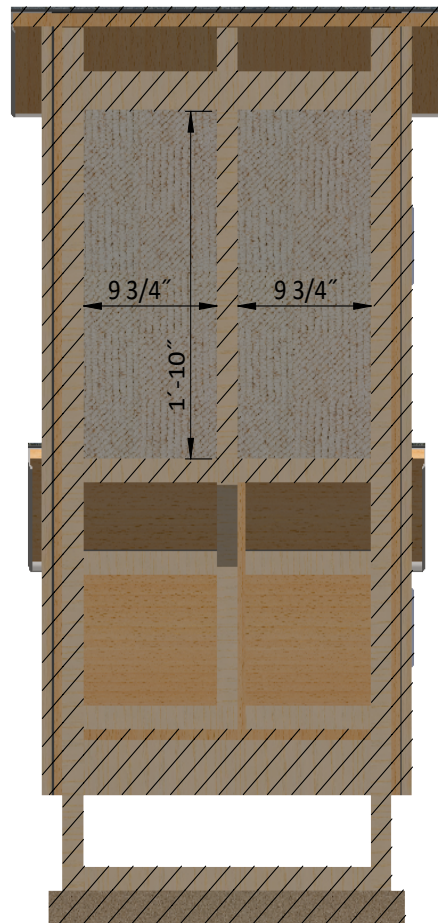
13.4 For the back wall you will need to cut two 3" x 2'-11 1/4" sheets, one 10 1/4" x 1' sheet, one 6" x 1' sheet, one 3" x 8" sheet and one 3 1/2" x 1'-9" sheet.

13.5 Put the sheets between studs tightly.

Left Wall (1:10)



Right Wall (1:10)



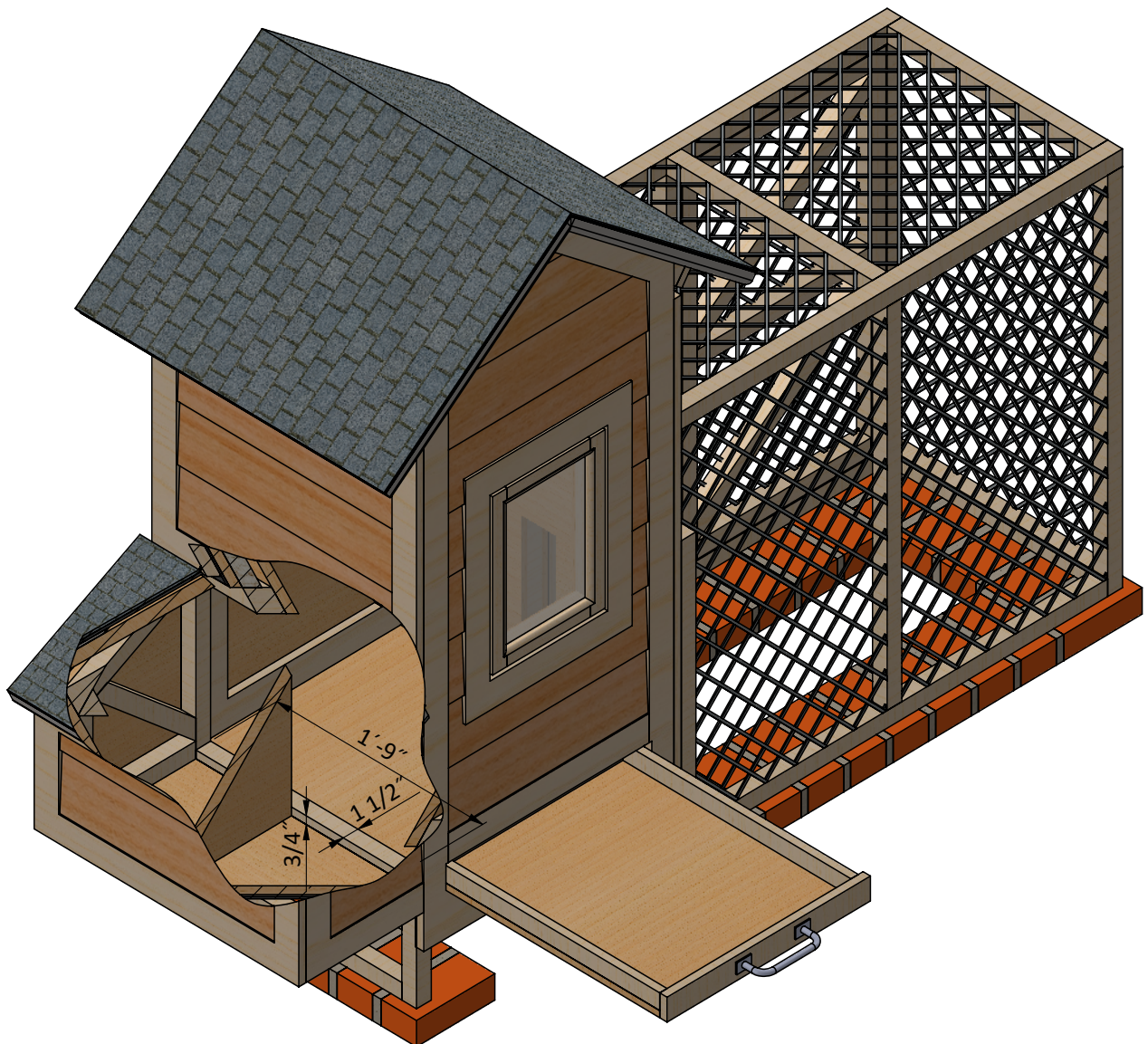
STEP 14

Assemble The Litter Tray

14.1 Assemble the litter tray using $3/4'' \times 1\ 1/2''$ and $3/4'' \times 2\ 1/4''$ pressure-treated lumber and $5/8''$ plywood. You will need two boards cut to 2', one board cut to $1'-6\ 3/4''$ and one board cut to $1'-8\ 3/4''$. Assemble the frame and put the $1'-8\ 1/4'' \times 2'-3/4''$ plywood sheet at the bottom. Finish the tray installation by attaching 6'' door pull.

14.2 Connect the beams and plywood with 2'' wood screws.

14.3 Using $3/4'' \times 1\ 1/2''$ pressure-treated lumber prepare and install litter tray guide. You will need to cut one board to $1'-9''$.



STEP 15

Assemble The Roost

15.1 Assemble the roost using $3/4'' \times 1\ 1/2''$ pressure-treated lumber. You will need two boards cut to 2'-8'' and four boards cut to 1'-6 $1/4''$.

15.2 Connect the beams with 2'' wood screws.

15.3 Install the roost at the studs with the help of 3'' 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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Tools List	✗	✓
Fastening Elements List	✗	✓
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