



## Free 3'x3' Chicken Coop Plan

Up to 4 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	15	40
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	✓

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# 3'x3' 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



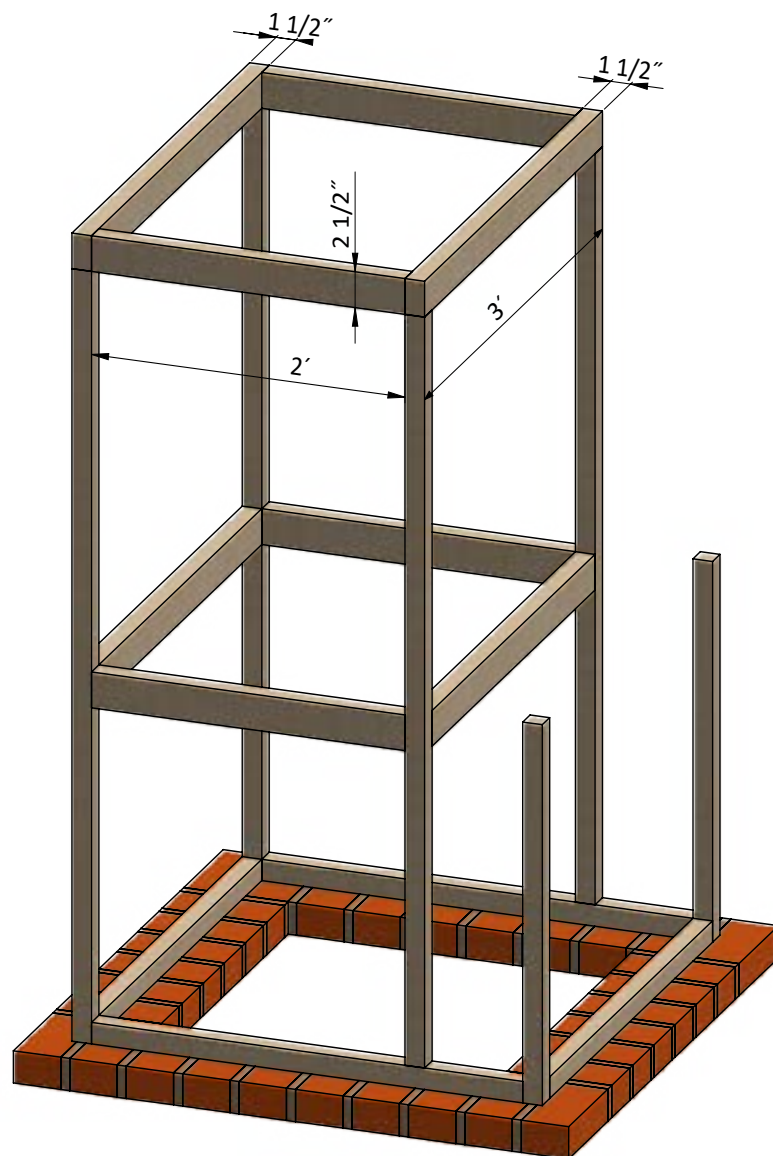
## STEP 1

### 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 2' 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°.



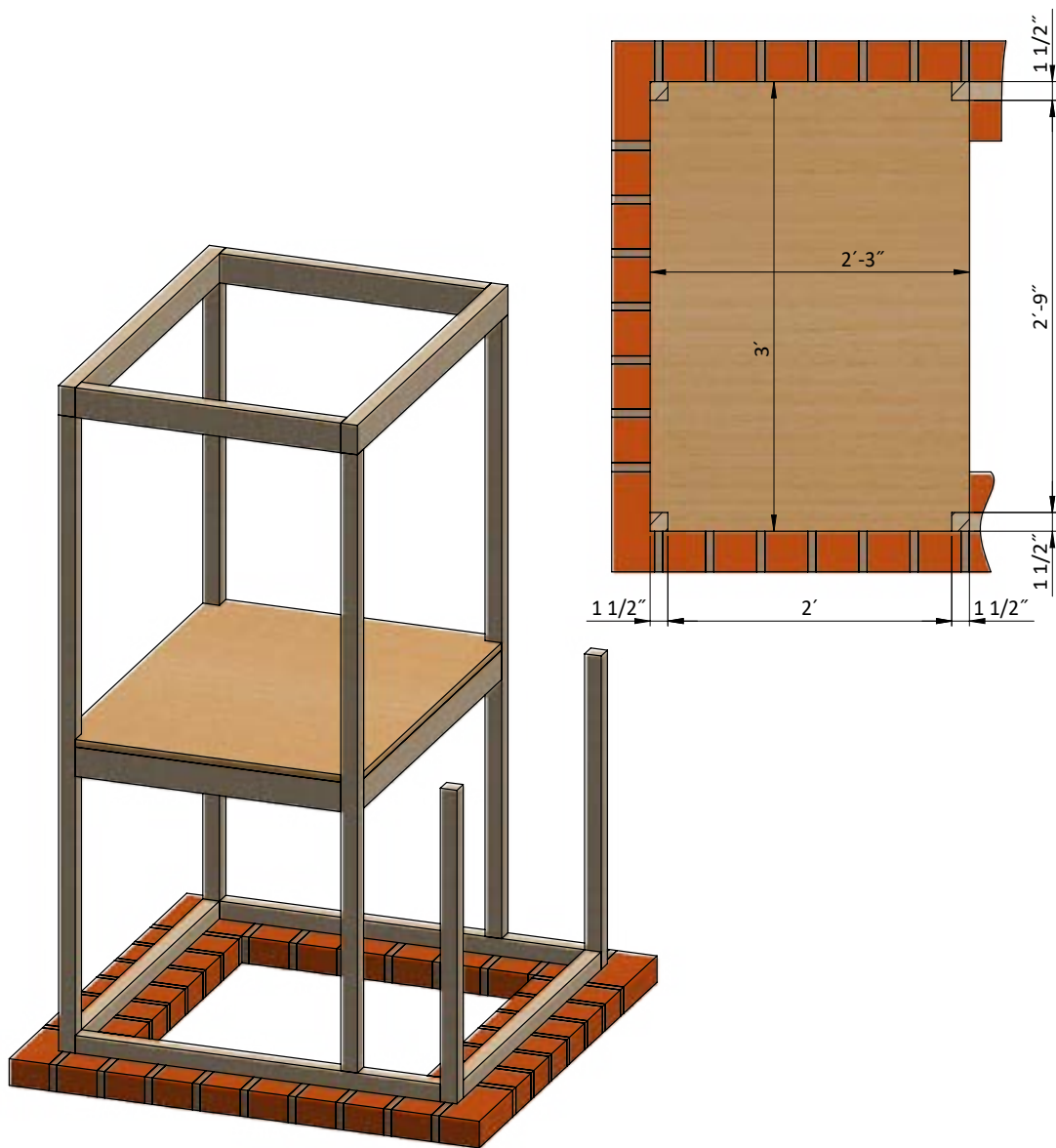


## STEP 2

### Install the Plywood Floor

**2.1** Prepare the 5/8" plywood for the floor sheathing according to the drawing. You will need one 2'-3" x 3' sheet. Cut the corners for the studs.

**2.2** Secure the plywood with 2" wood screws.



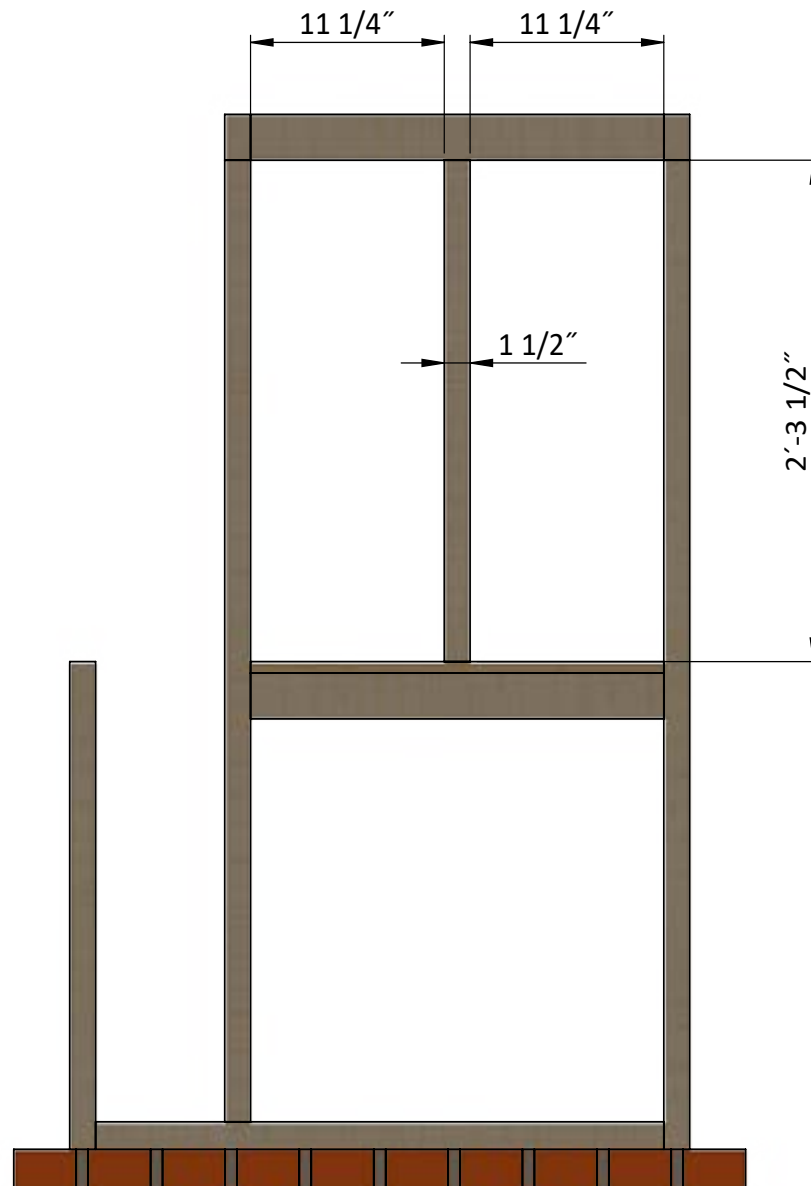
## STEP 3

### 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 one board cut to 2'-3 1/2" that will be stud.

**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°.



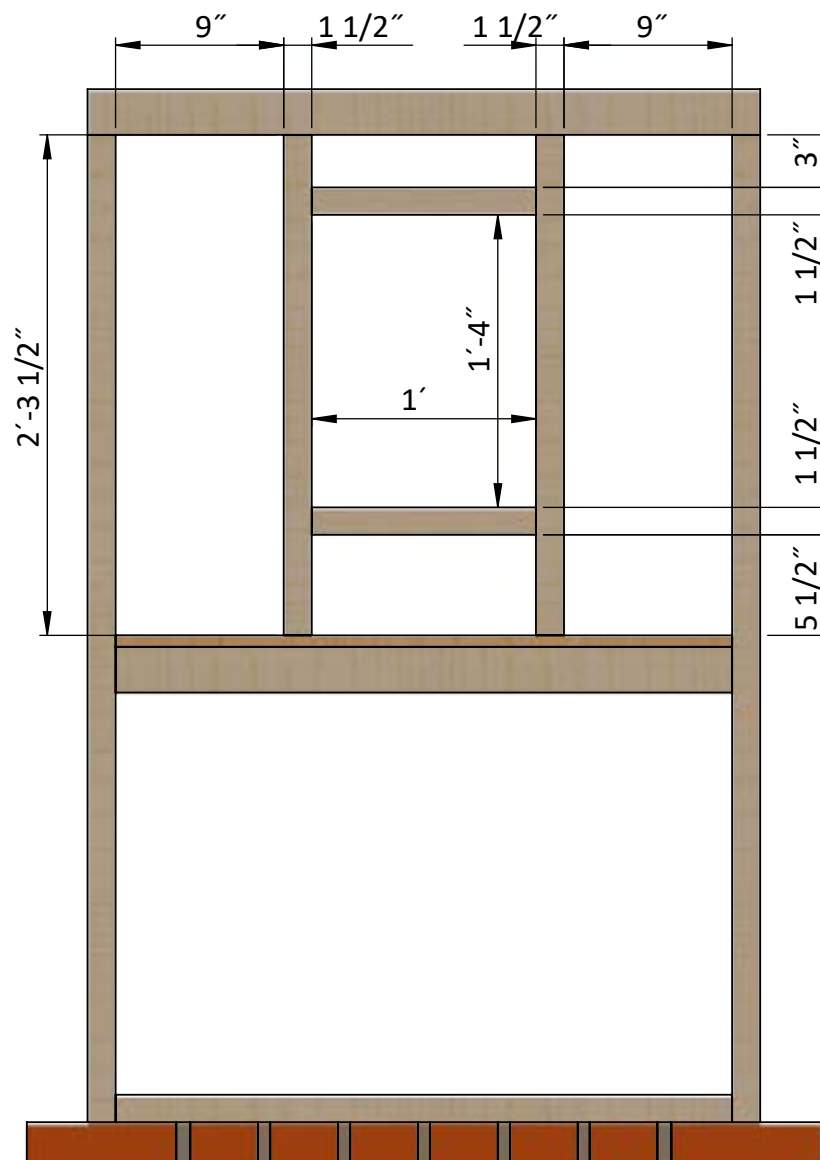
## STEP 4

### 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 two boards cut to 2'-3 1/2" that will be studs, one board cut to 1' that will be rough sill and one board cut to 1' that will window 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°.





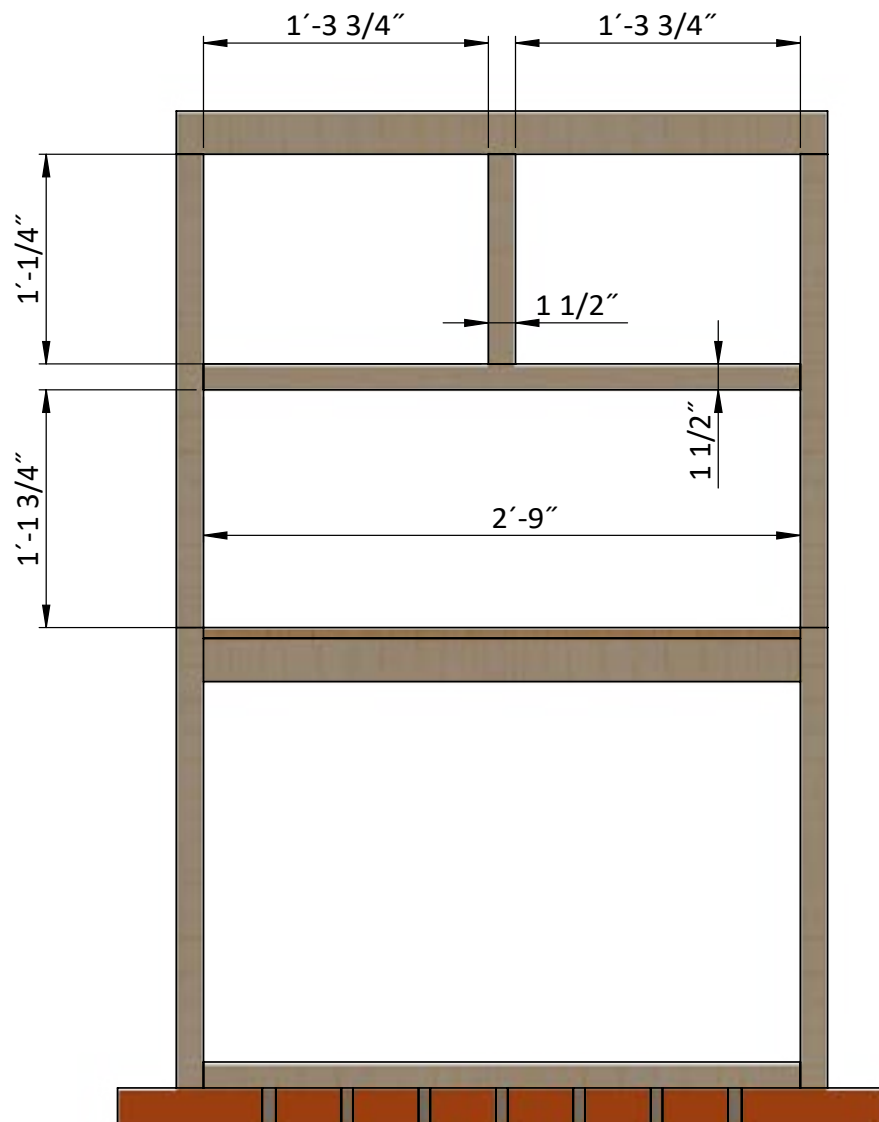
## STEP 5

### 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 1'-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°.



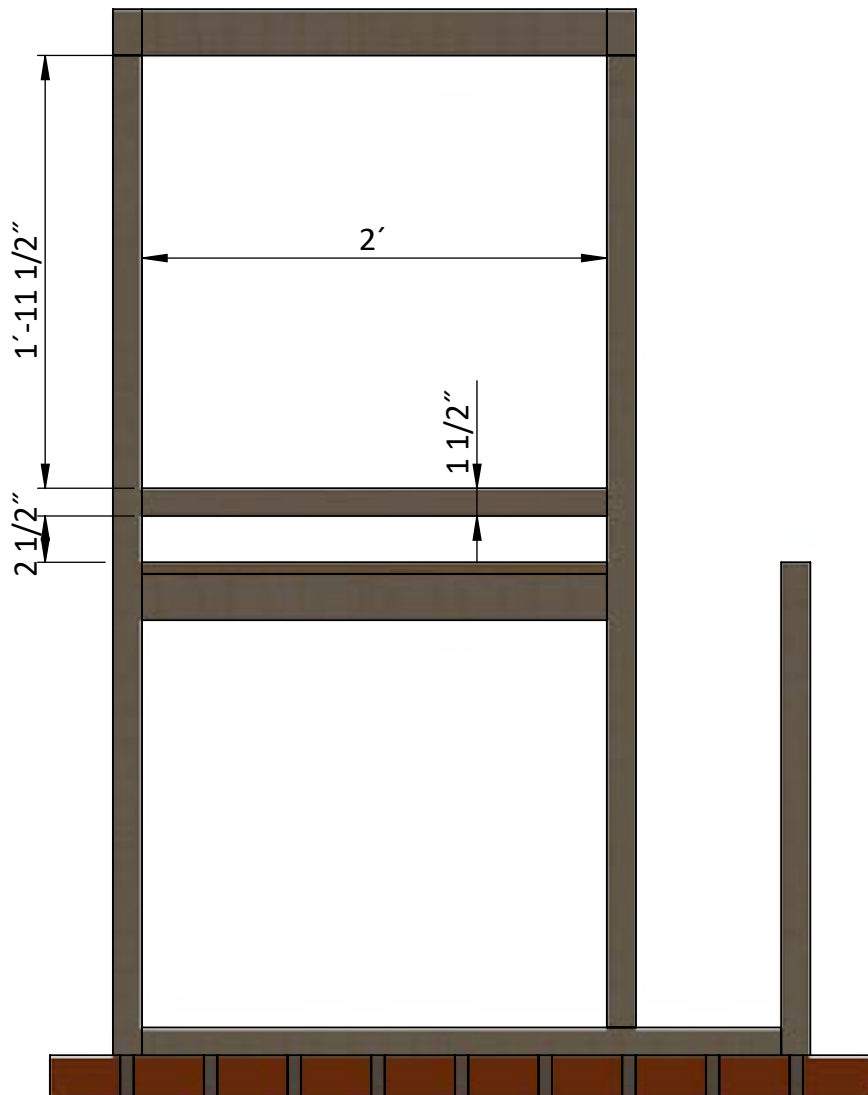
## STEP 6

### Assemble Right Side Wall Frame

**6.1** 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' 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

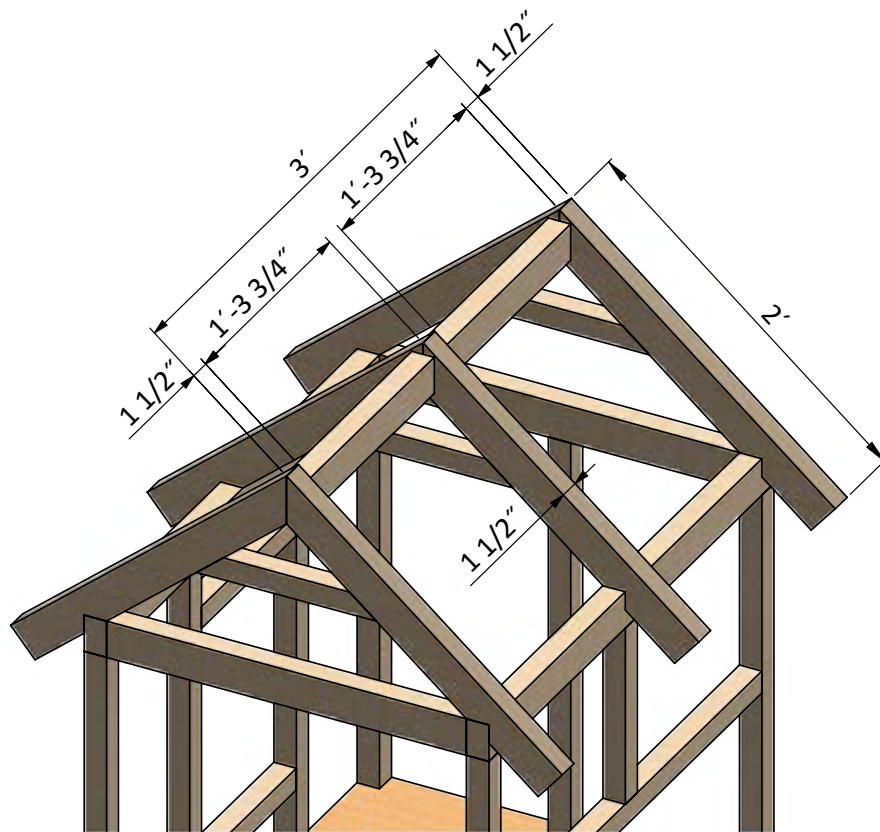
### Assemble the Roof Frame

**7.1** Using 1 1/2" x 2 1/2" pressure-treated lumber, cut six rafters 2' 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 1'-3 3/4" long that will be ridge boards according the illustration below.

**7.4** Connect the beams with 3" wood screws.





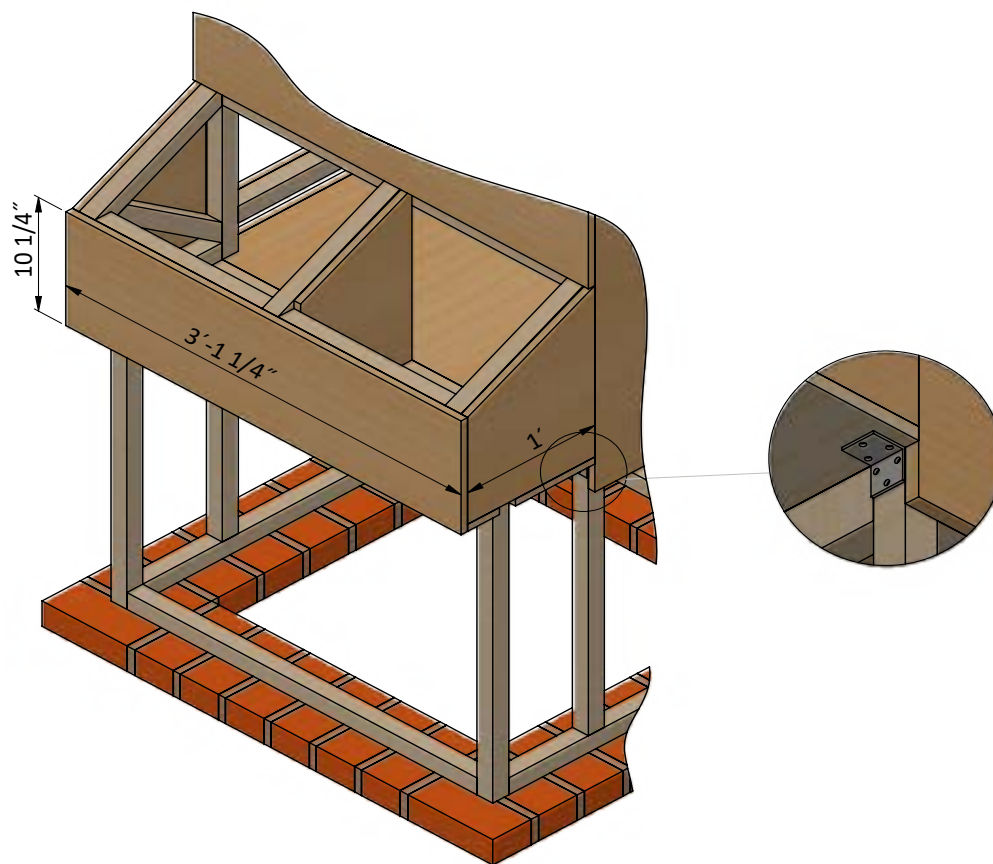
## STEP 8

### 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 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.

**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 and Install Window

**9.1** 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.

**9.2** 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.

**9.3** Insert window into wall openings and connect them with 3" wood screws to the wall beams.



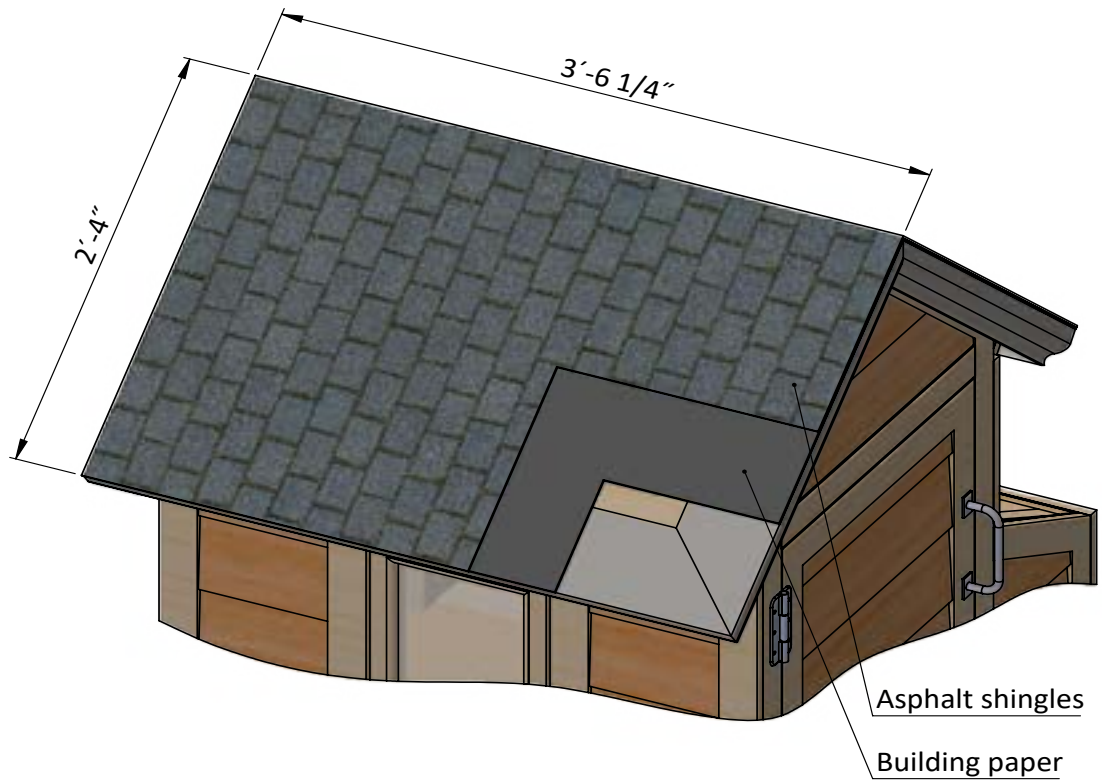
## STEP 10

### Coop's Roof Sheathing Installation

**10.1** You will need 17 Sq Ft of building paper and asphalt shingle roofing.

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

**10.3** Install asphalt shingle roofing using an industrial stapler.

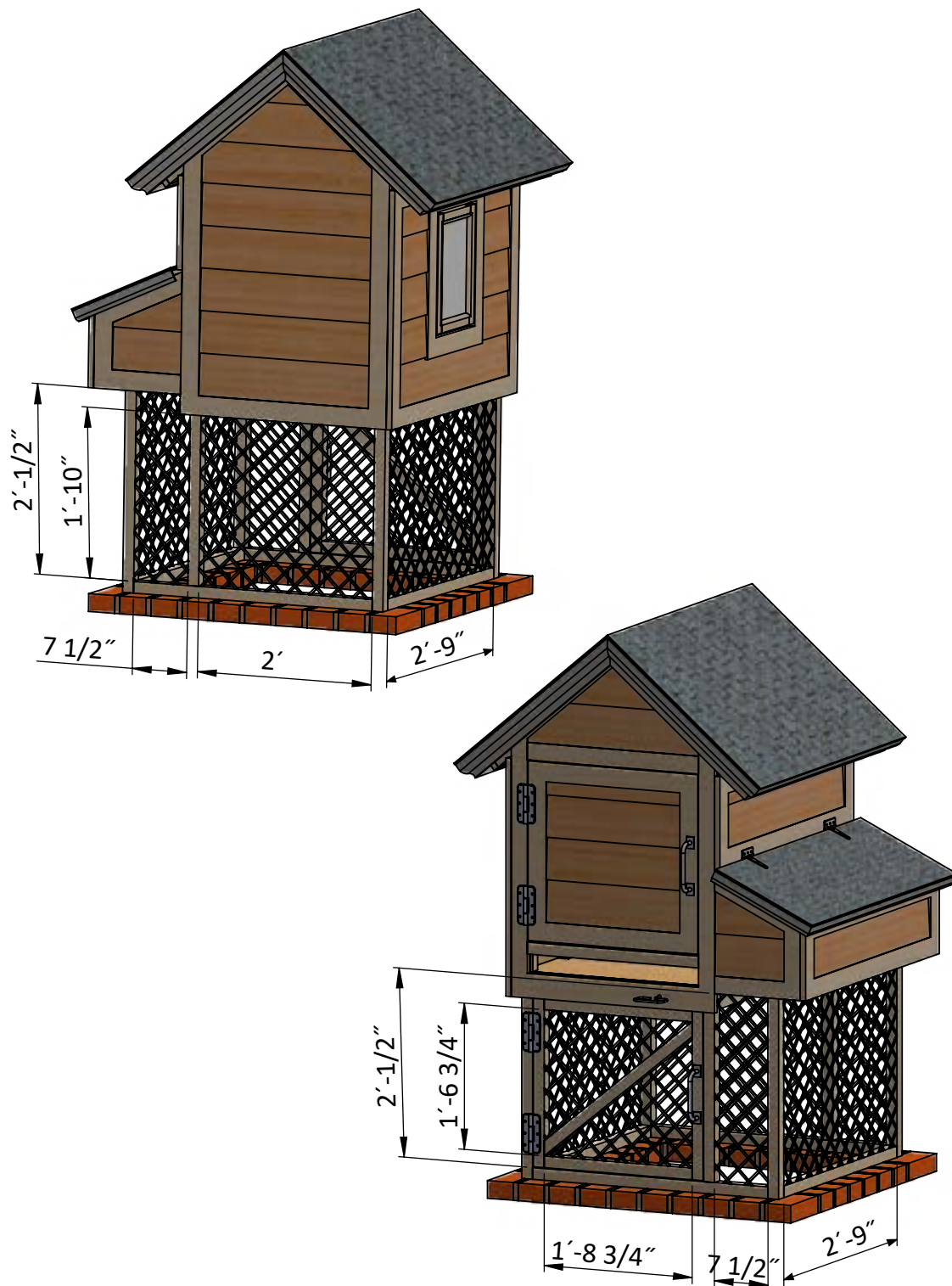




## STEP 11

### Mesh Wall Installation

11.1 Cover the walls with 1/4" wire mesh with the help of industrial stapler. You will need 21 sq ft.



## STEP 12

### Assemble The Litter Tray

**12.1** Assemble the litter tray using  $\frac{3}{4}$ " x  $1\frac{1}{2}$ " and  $\frac{3}{4}$ " x  $2\frac{1}{2}$ " pressure-treated lumber and  $\frac{5}{8}$ " plywood. You will need one board cut to 2'-10", one board cut to  $10\frac{1}{2}$ ", one board cut to 1'-4  $\frac{3}{4}$ ", one board cut to  $10\frac{1}{4}$ ", one board cut to 1'-6" and one board cut to 1'-11  $\frac{3}{4}$ ". Assemble the frame and put the 1'-11" x 2'-10" plywood sheet at the bottom. Finish the tray installation by attaching 6" door pull.

**12.2** Connect the beams and plywood with 2" wood screws.

**12.3** Using  $\frac{3}{4}$ " x  $1\frac{1}{2}$ " pressure-treated lumber prepare and install litter tray guide. You will need to cut one board to 2'-8  $\frac{1}{2}$ ".



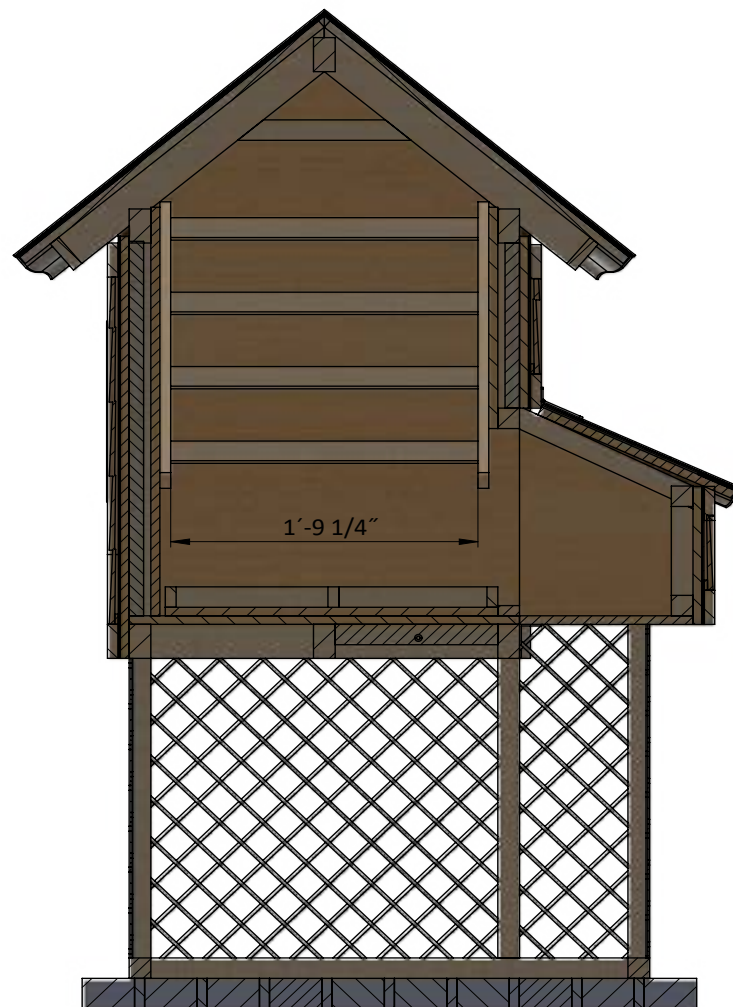
## STEP 13

### Assemble The Roost

**13.1** Assemble the roost using  $\frac{3}{4}$ " x  $1\frac{1}{2}$ " pressure-treated lumber. You will need two boards cut to 2'-8" and four boards cut to 1'-9  $\frac{1}{4}$ ".

**13.2** Connect the beams with 2" wood screws.

**13.3** Install the roost at the studs with the help of 3" screws.





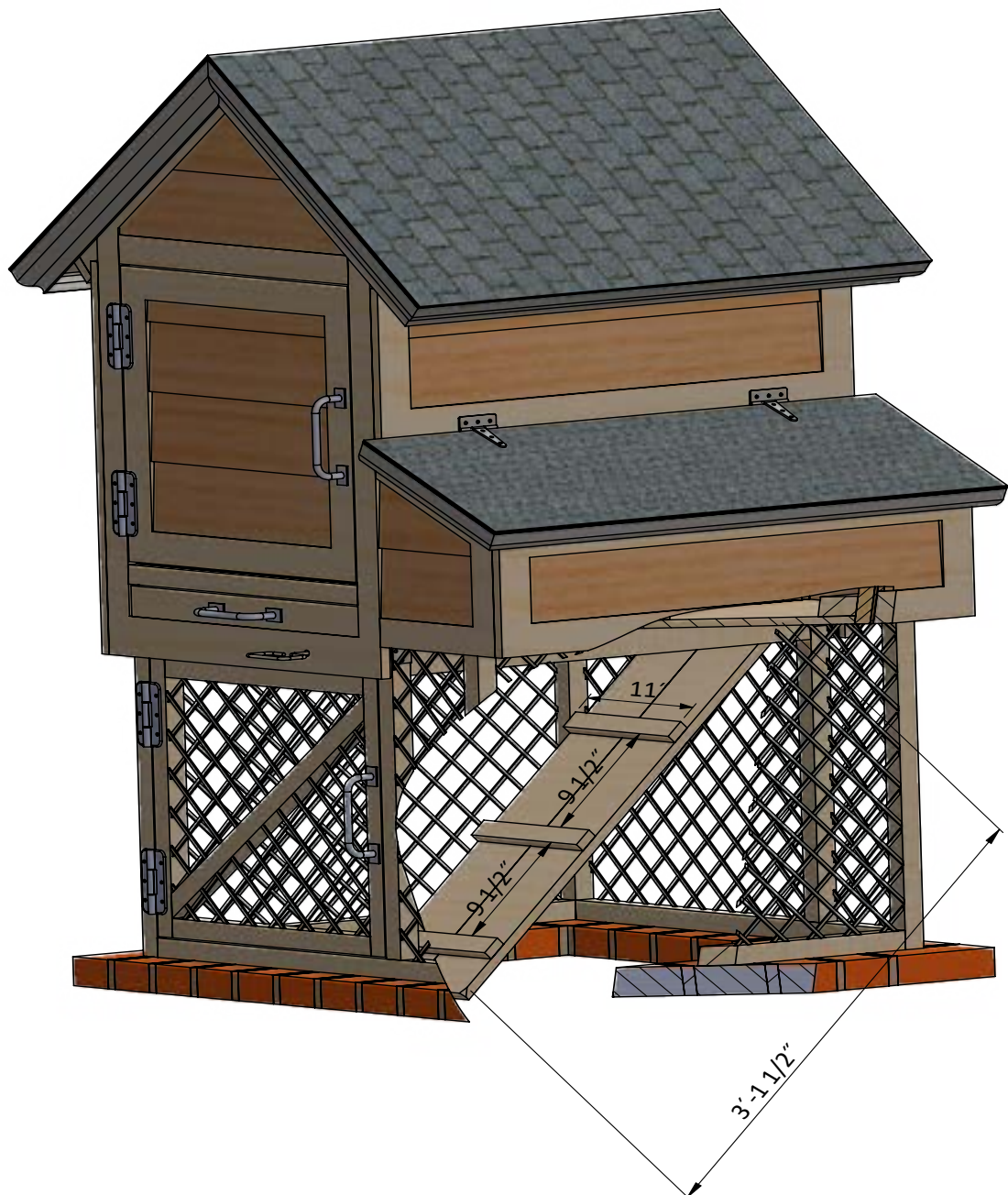
## STEP 14

### Assemble The Chicken Ladder

**14.1** 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  $3'\text{-}1\ 1/2"$  and four boards cut to  $11"$ .

**14.2** Connect the beams with  $2"$  wood screws.

**14.3** Install the ladder at the studs with the help of  $2"$  screws.



## STEP 15

### 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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Fastening Elements List	X	✓
Technical Support	X	✓

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