



## 5' x 6' Chicken Coop Plan

Up to 10 chickens



## Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	18	39
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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# 5'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

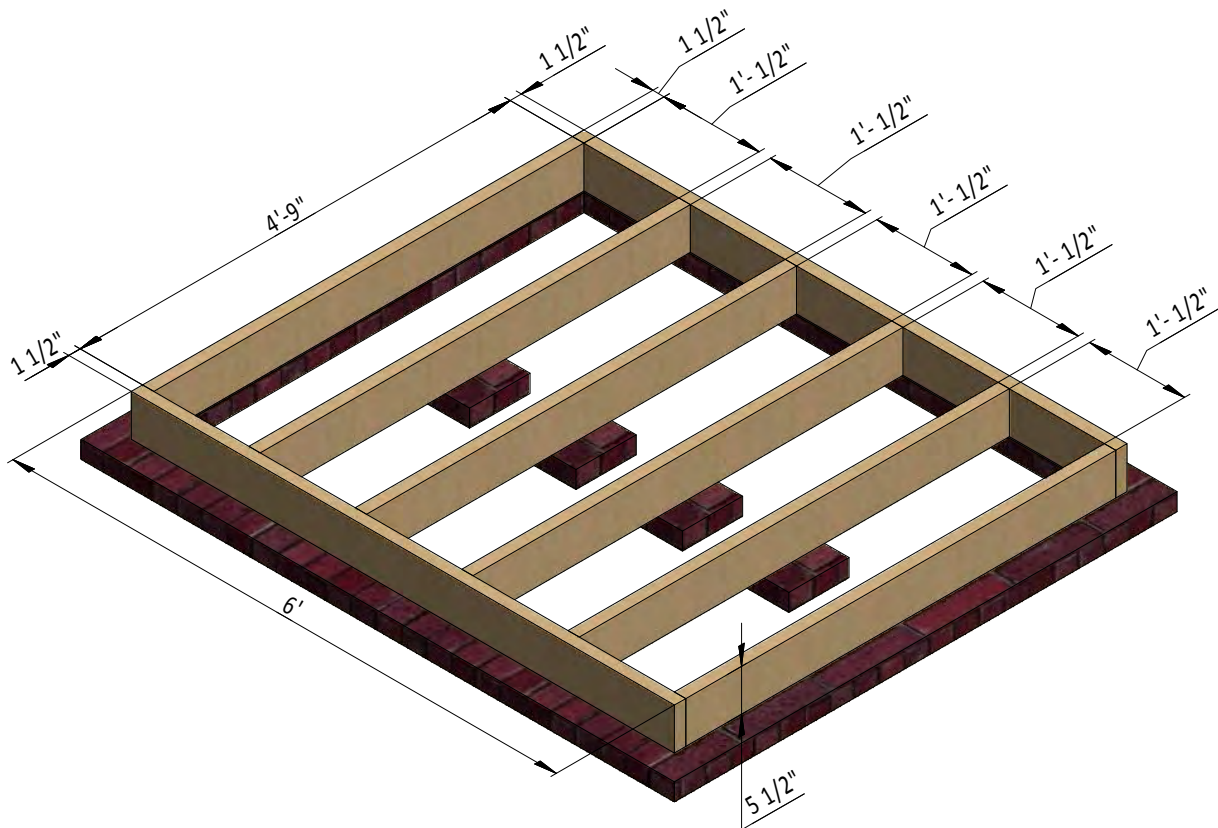
### Framing The Floor

**1.1** Assemble the frame using 1 1/2" x 5 1/2" pressure-treated material. You will need two boards cut to 6' that will be the rim joist and two boards cut to 4'9" that will be the joist.

**1.2** Provide 4 joists from the pressure-treated lumber with cross-section 1 1/2 x 5 1/2 inch and install them into the frame according to the drawing.

**1.3** Secure the beams with 3x5" screws.

**1.4** Using a speed square or carpenter's square, check the corners to make sure the corners are 90 degrees.



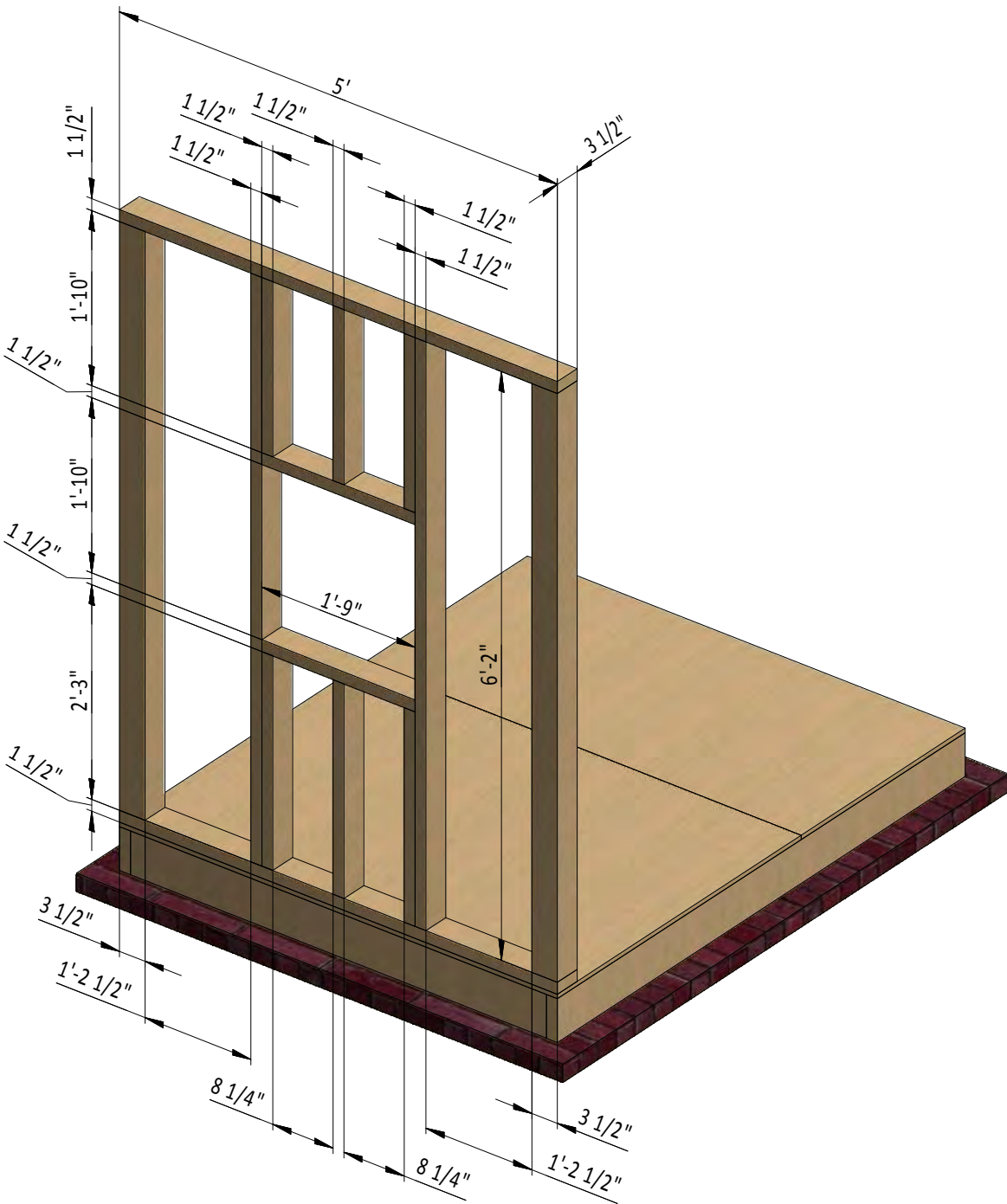
## STEP 2

## Assemble Left Side Wall Frame

**2.1** Using 1 1/2 " x 3 1/2 " and 3 1/2" x 3 1/2" pressure-treated material, construct left wall frame using the drawing below as a reference.

## 2.2 Connect the beams with 2x4" wood screws.

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



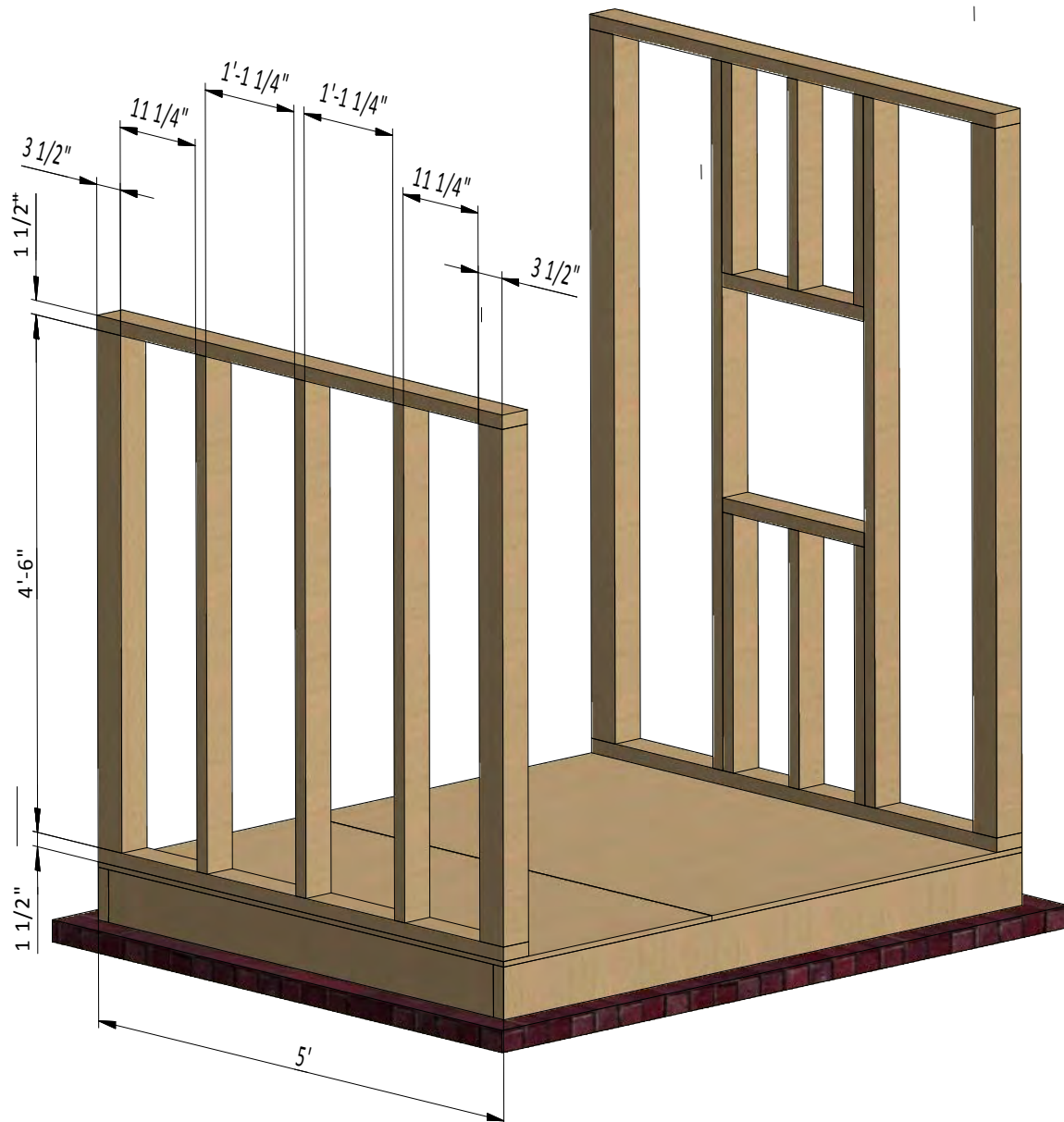
### STEP 3

## Assemble Right Side Wall Frame

**3.1** Using 1 1/2 " x 3 1/2 " and 3 1/2" x 3 1/2" pressure-treated material, construct right wall frame using the drawing below as a reference.

**3.2** Connect the beams with 2x4" wood screws.

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





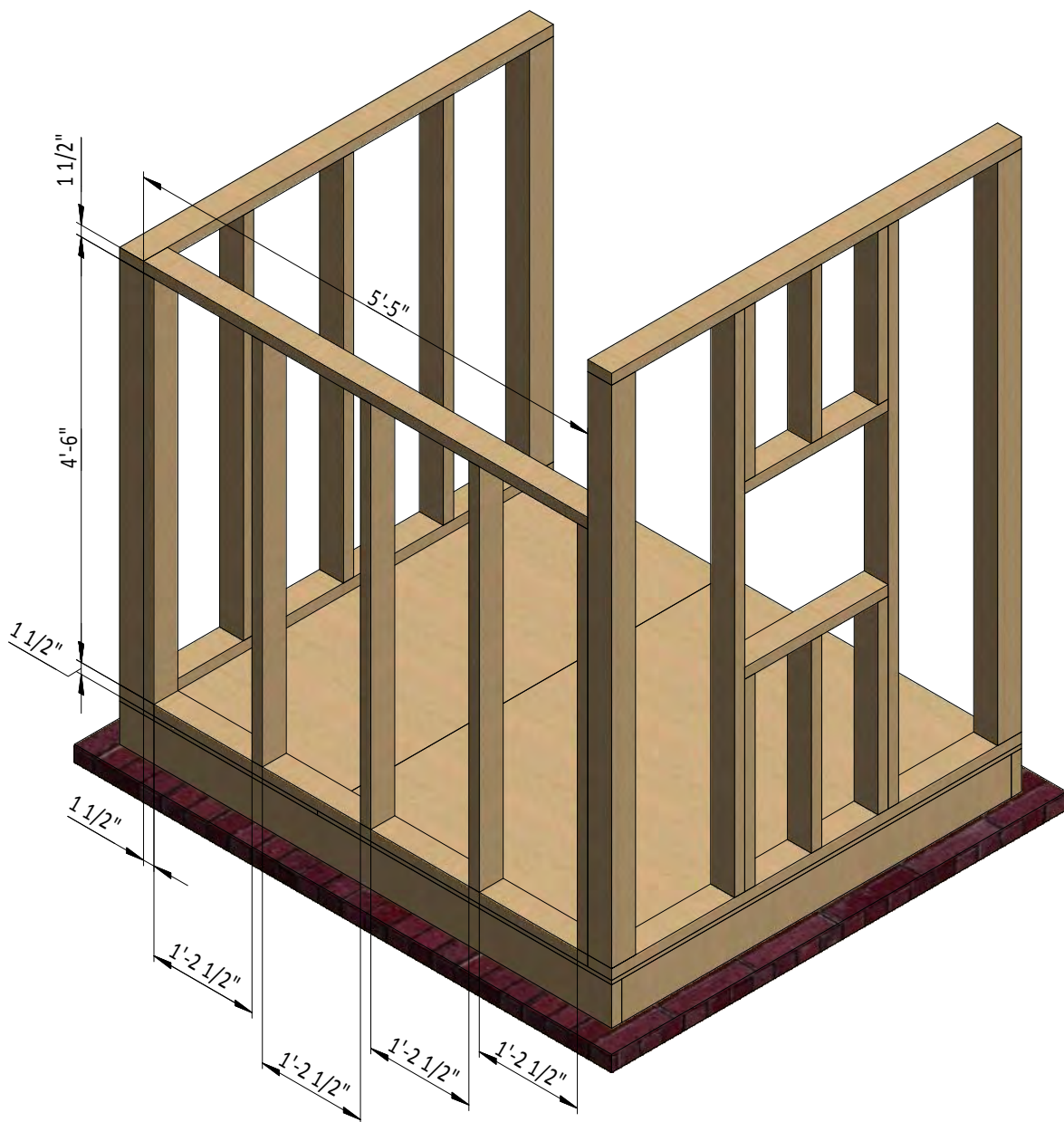
## STEP 4

### Assemble Back Wall Frame

**4.1** Using 1 1/2 " x 3 1/2 " pressure-treated material, construct back wall frame using the drawing below as a reference.

**4.2** Connect the beams with 2x4" wood screws.

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



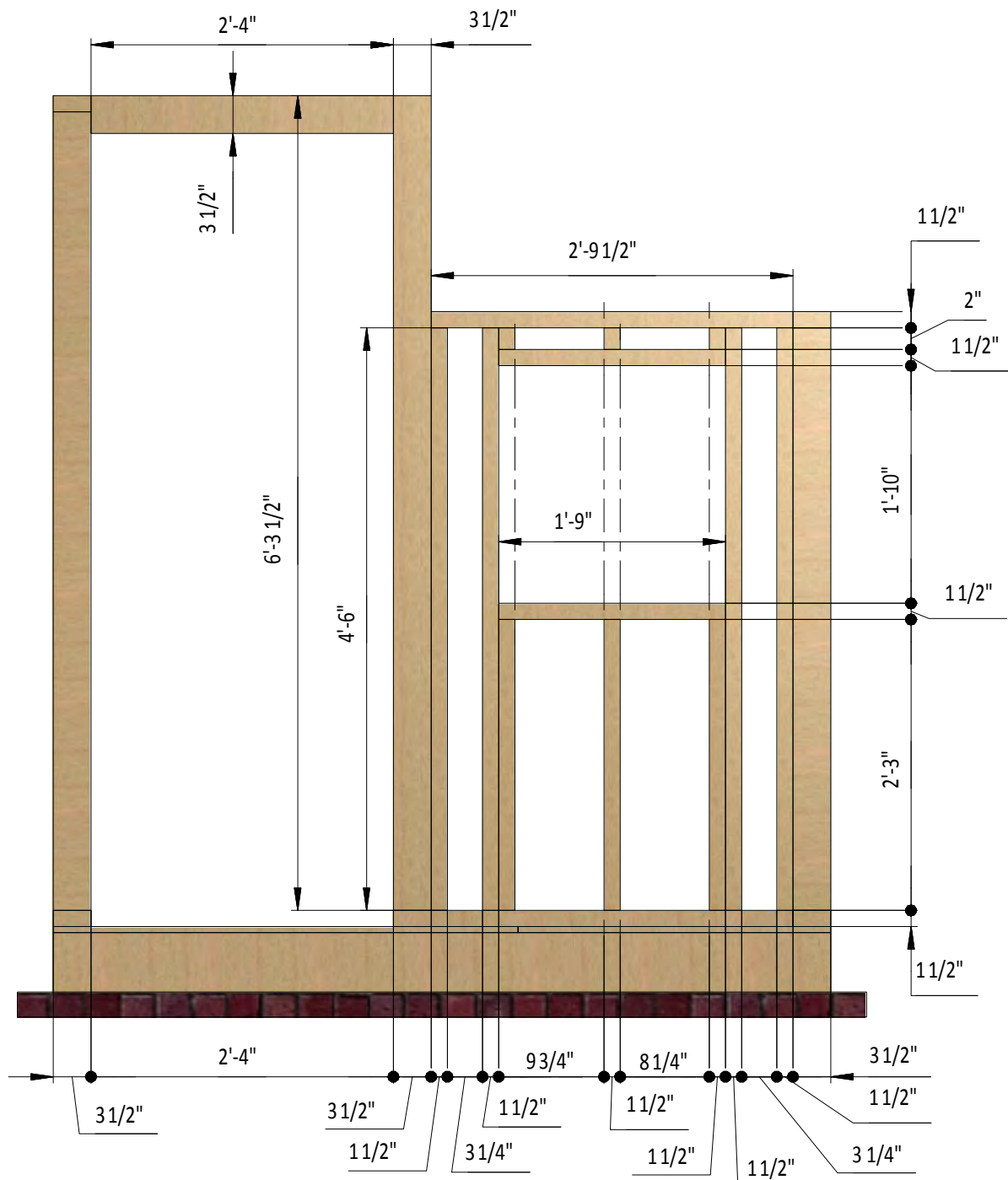
## STEP 5

### Assemble Front Wall Frame

**5.1** Using 1 1/2 " x 3 1/2 " and 3 1/2" x 3 1/2" pressure-treated material, construct right wall frame using the drawing below as a reference.

**5.2** Connect the beams with 2x4" and 2x5" wood screws.

**5.3** Using a speed square or carpenter's square, check the corners to make sure the corners are 90 degrees.

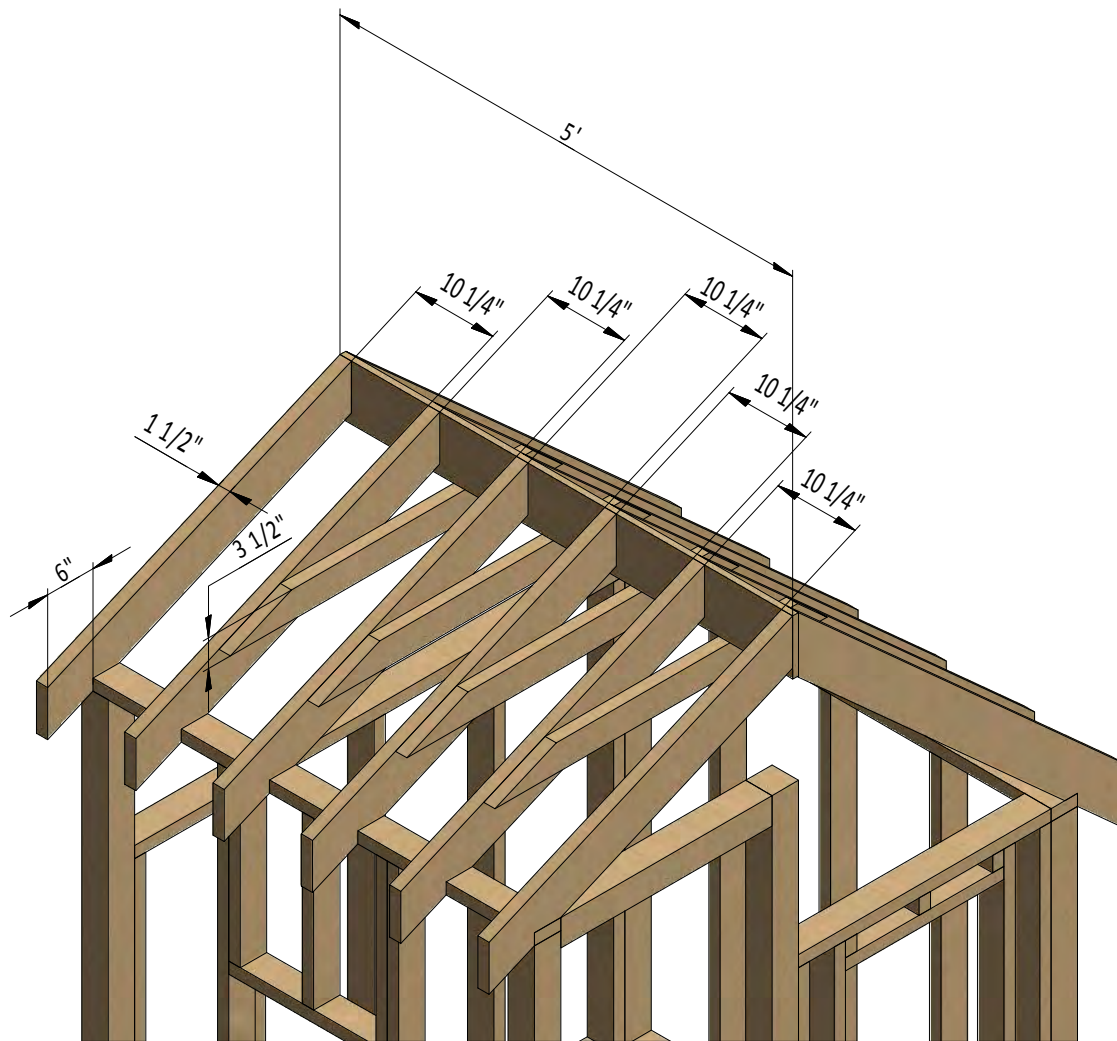




## STEP 6

### Assemble The Roof Frame

- 6.1 Prepare 12 rafters with cross-section  $1\frac{1}{2} \times 5\frac{1}{2}$  inch.
- 6.2 Prepare 4 collar ties with cross-section  $1\frac{1}{2} \times 3\frac{1}{2}$  inch.
- 6.3 Prepare the ridge board with cross-section  $\frac{3}{4} \times 7\frac{1}{4}$  inch.
- 6.4 Connect the beams with 2x3" wood screws.

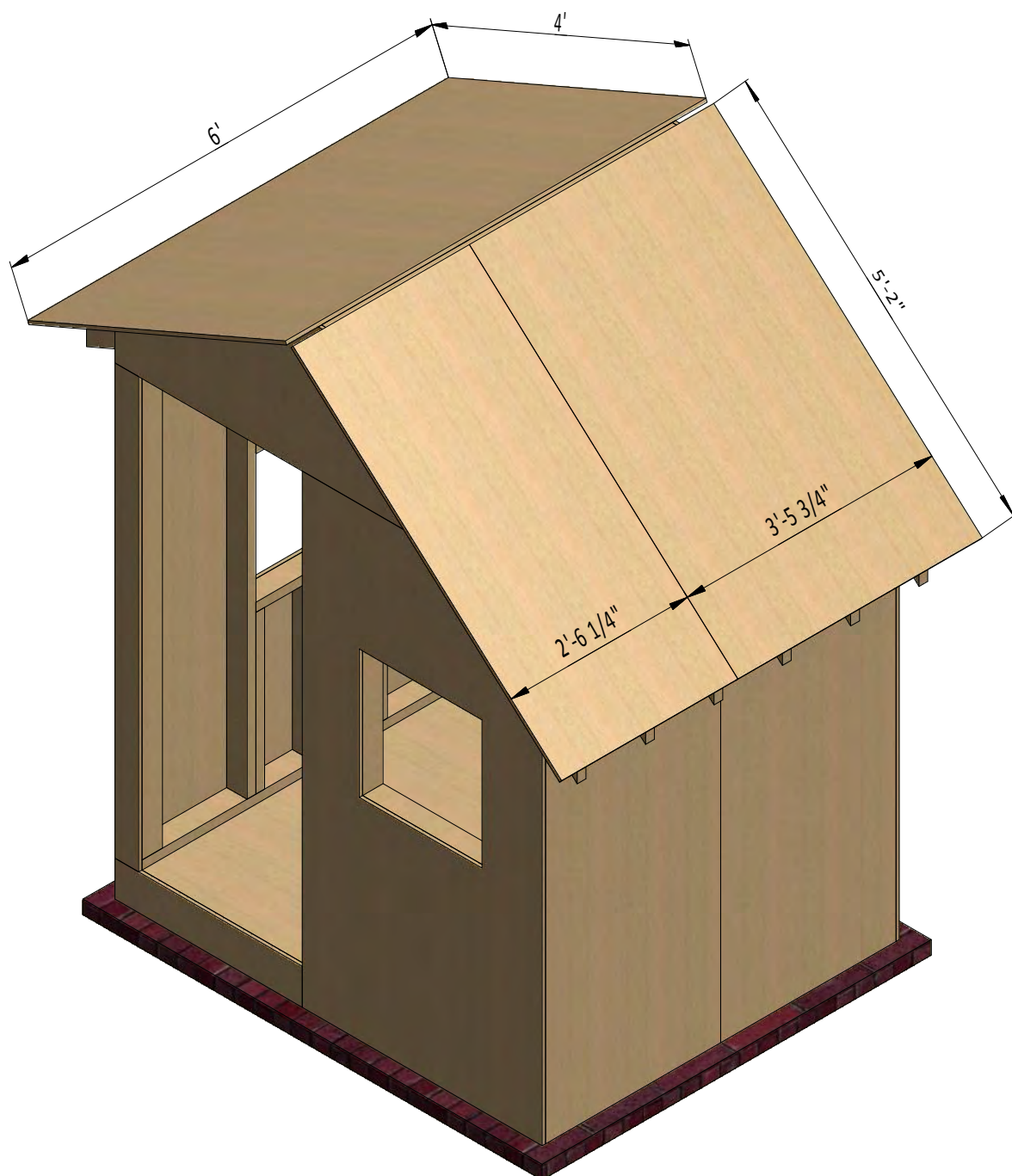


## STEP 7

### Install Plywood For The Roof

**7.1** Cut sheets of 9/16" plywood for sheathing the roof using the drawing below as a guide.

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



## STEP 8

### Window Installation for Left and Front Walls

It is necessary to prepare 2 windows.

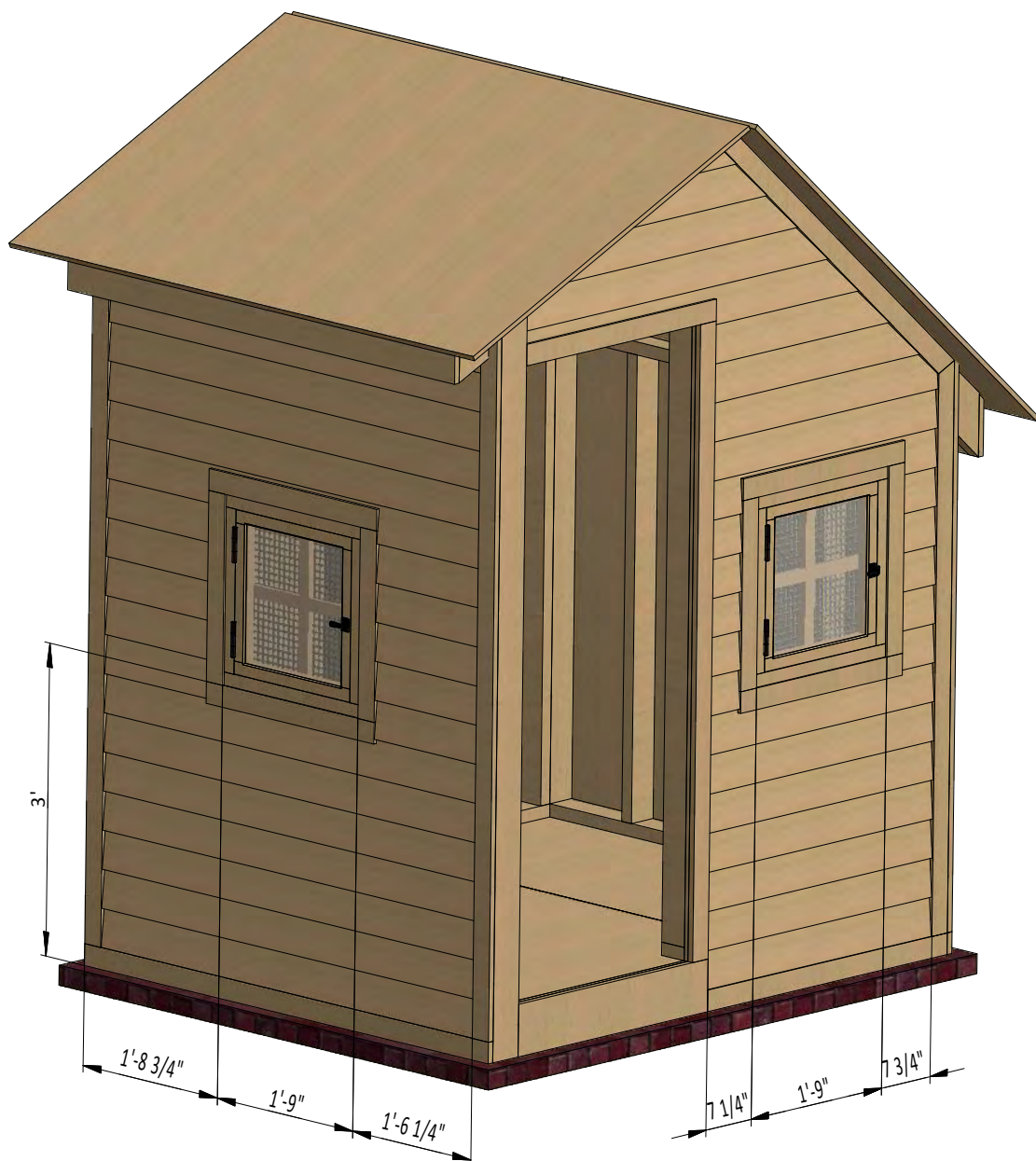
**8.1** Using 1 1/2 " x 2 1/2 " pressure-treated material, cut the outer frame for the window as shown in the drawing below. Additionally, add vertical and horizontal supports using 3/4 " x 1 1/2 " material and cut the recesses for the window hinges .

**8.2** Prepare 1/4" wire mesh for window according to the dimensions.

**8.3** Make the inner frame from the pressure-treated lumber with a cross section 1 1/2 x 1 1/2 inch with 2x3" wood screws. On the inner side, it is necessary to mill the groove for glass. On the outer left side, it is necessary to mill the grooves for hinges.

**8.4** Prepare and install glass into inner frame groove and fasten it by window beading from four sides. Use for this 1/2" galvanized nails.

**8.5** Install hinges (4") with 3x1" wood screws and assemble the window.



## STEP 9

### Assemble and Install Coop Door

**9.1** Assemble the frame from the pressure-treated lumber with cross section  $2\frac{1}{2} \times 1\frac{1}{2}$  " with 2x5" wood screws according to the drawing.

**9.2** Install door trims from the pressure-treated lumber with cross section  $1\frac{1}{2} \times \frac{3}{4}$ " with 2" wood screws according to the drawing.

**9.3** Prepare and install starter courser from the pressure-treated lumber with cross section  $\frac{1}{4} \times \frac{3}{4}$  inch.

**9.4** Prepare the  $\frac{1}{2} \times 6$  inch wood siding boards in the required amount according to the drawing.

**9.5** Assemble siding shields with 2" galvanized nails.

**9.6** Install three 6" door hinges using 2x1" wood screws. Finish the door installation by attaching 4" surface bolt and 6" door pull (see nodes **O**, **P**).





## STEP 10

### Installing Corrugated Roofing

**10.1** To cover the roof will need 60 ft<sup>2</sup> of corrugated roof panel.

**10.2** Fasten the panels with 1 1/2" sheet metal screw with neoprene washer.

**10.3** Prepare and install metal roof ridge caps according to the drawing.



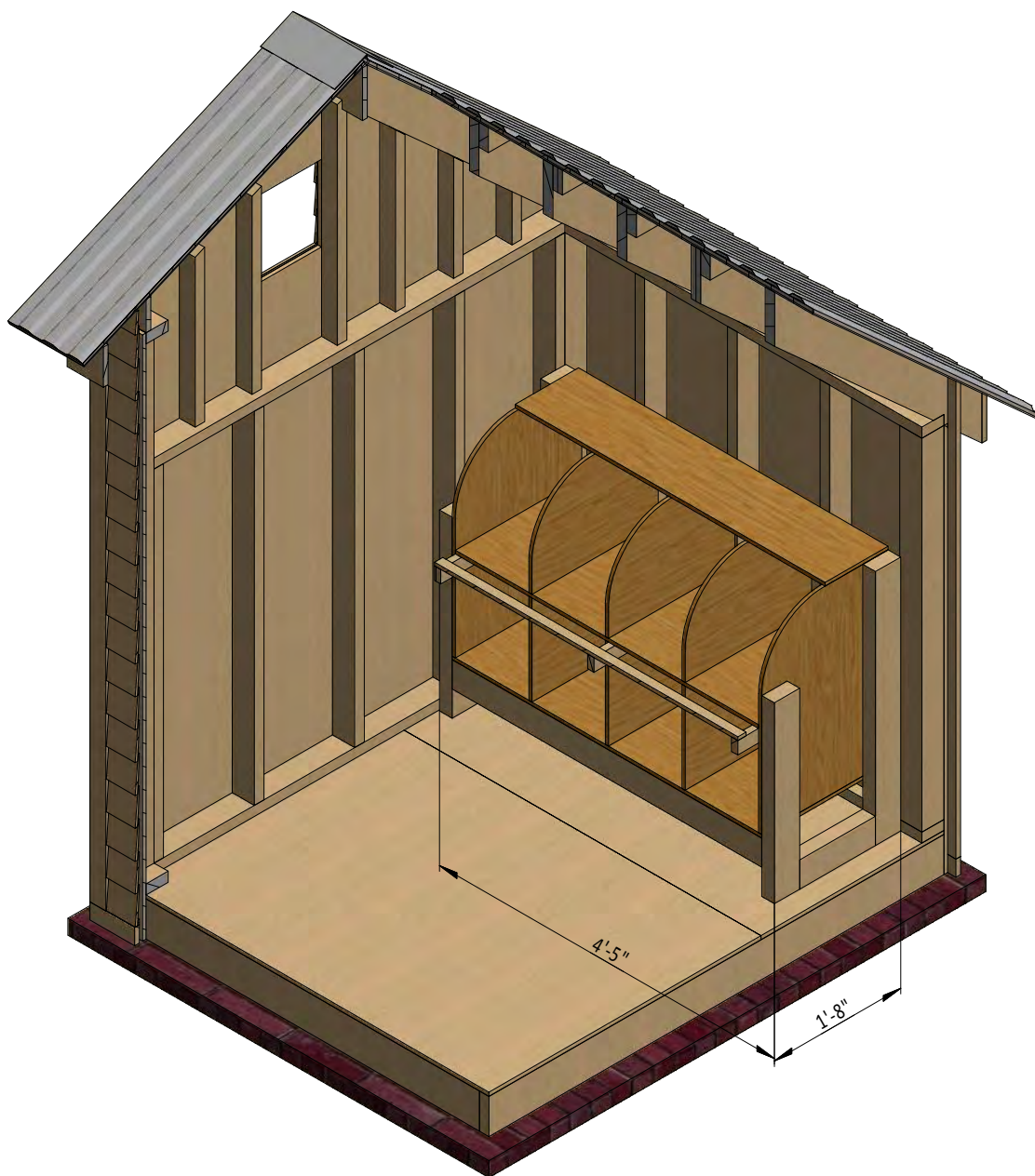
## STEP 11

### Nesting Box Assembly

**11.1** Use 1 1/2 " x 3 1/2" and 3/4 " x 3 1/2 " pressure-treated material for building the nesting boxes and secure with 4" and 5" wood screws.

**11.2** Prepare the 1/2" plywood for horizontal and vertical walls and install them with 2" wood screws.

**11.3** Provide and install nest's roost from the pressure-treated lumber with cross section 3/4 x 1 1/2 and 1 1/2 x 1/2 inch with 2x2" wood screws.





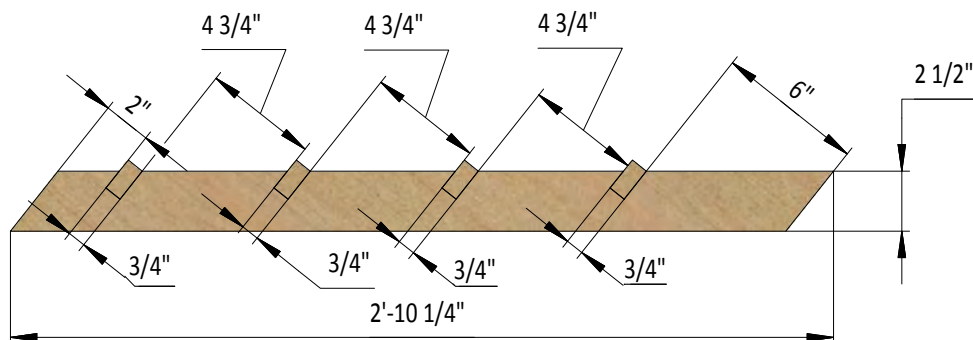
## STEP 12

### Coop's Roost Assembly

**12.1** Assemble the roost from the pressure-treated lumber with cross section  $2\frac{1}{2} \times \frac{3}{4}$ " with 2x2" wood screws according to the drawing.

**12.2** Fasten the stairs to the walls inside the coop with 4x2" wood screws.

**12.3** Fasten the roost's corner to the rafter with the pressure-treated lumber with cross section  $1\frac{1}{2} \times 1\frac{1}{2}$ " with 2x3" wood screws.



## STEP 13

### Final Touches

Don't forget to choose the desirable paint for your mood and the colors of your yard. Decorate your chicken coop by giving it unique and stylish look.





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Tools List	✗	✓
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