



# 7'x6' Chicken Coop Plan

Up to 6 chickens



## Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	21	34
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	✗	✓

TRY PREMIUM

# 7'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

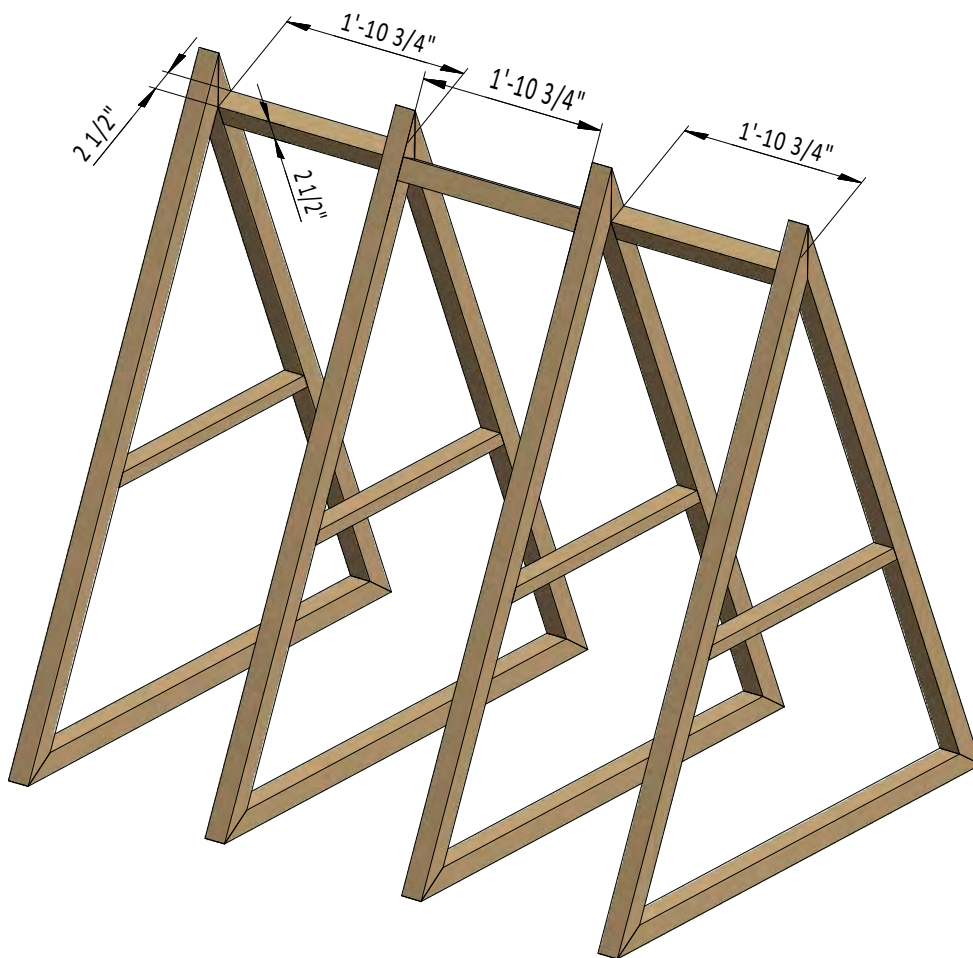
- Corner braces
- Galvanized nails
- Wood screws

## STEP 1

### Install Ridge Beams

1.1 Prepare 3 ridge beams with cross-section  $2\frac{1}{2} \times 2\frac{1}{2}$  inch.

1.2 Secure beams with frames with 4x5" wood screws.

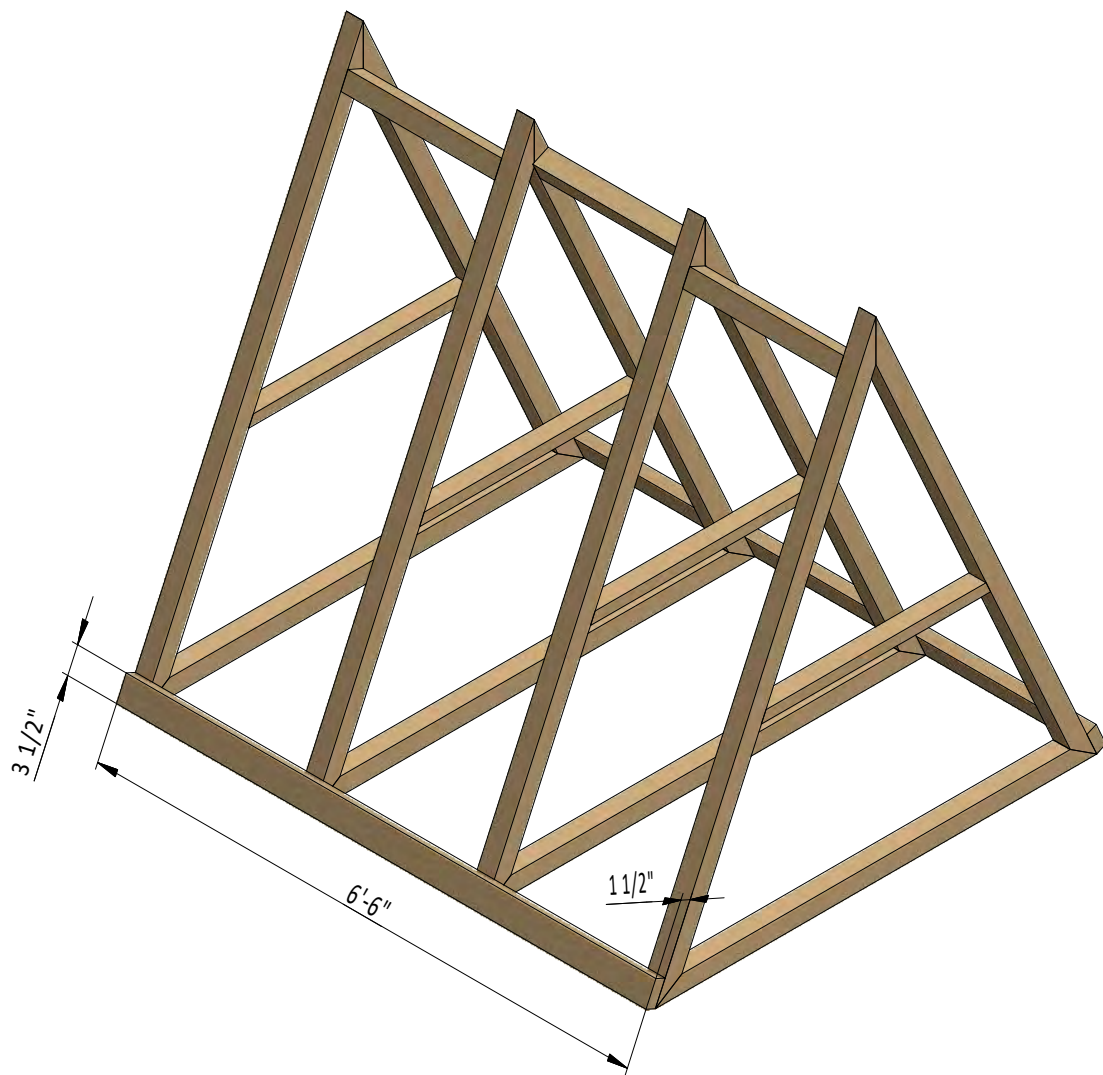


## STEP 2

### Install Rim Joists

**2.1** Use 1 1/2 " x 3 1/2 " pressure-treated material for creating the rim joists.

**2.2** Install joists at the bottom edge and secure them with frames by 8x3" wood screws.

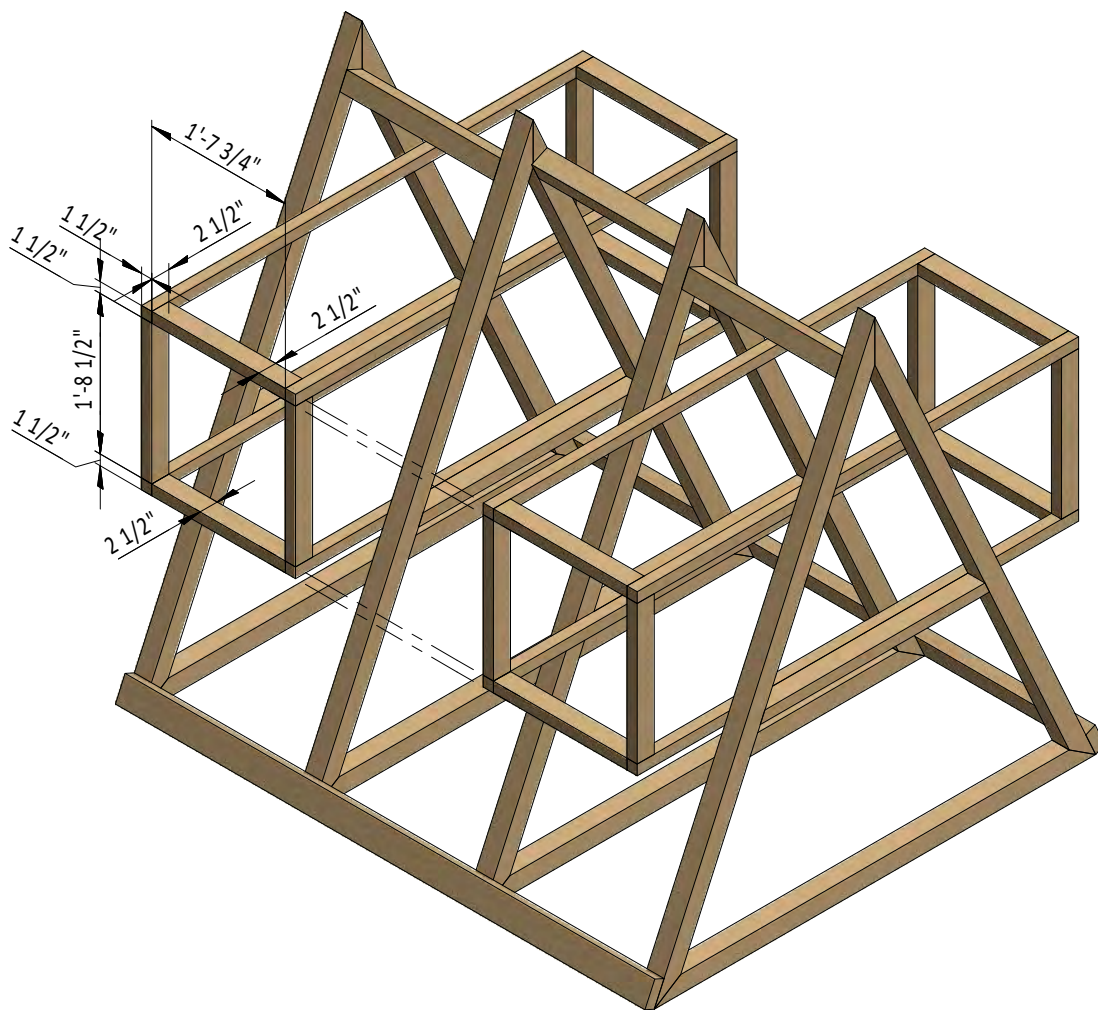


### STEP 3

## Install Nest Box's Front Frames

**3.1** Prepare 2 1/2" x 1 1/2" pressure-treated lumber for 8 rough sills and 8 studs.

**3.2** Assemble the frames for the front of the coop and secure them with 3" wood screws.



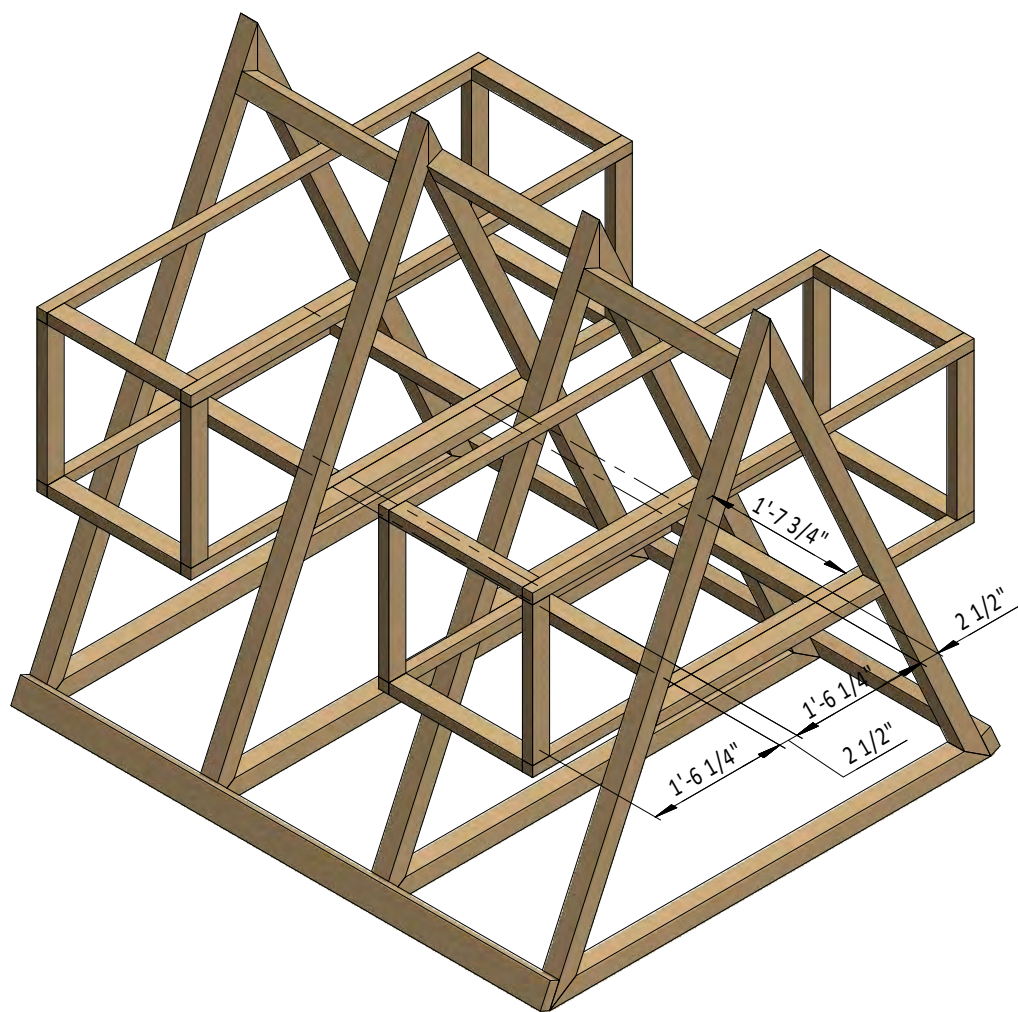


## STEP 4

### Install Nest Box's Floor Joists

**4.1** Prepare 2 1/2" x 1 1/2" pressure-treated lumber for the 4 floor joists.

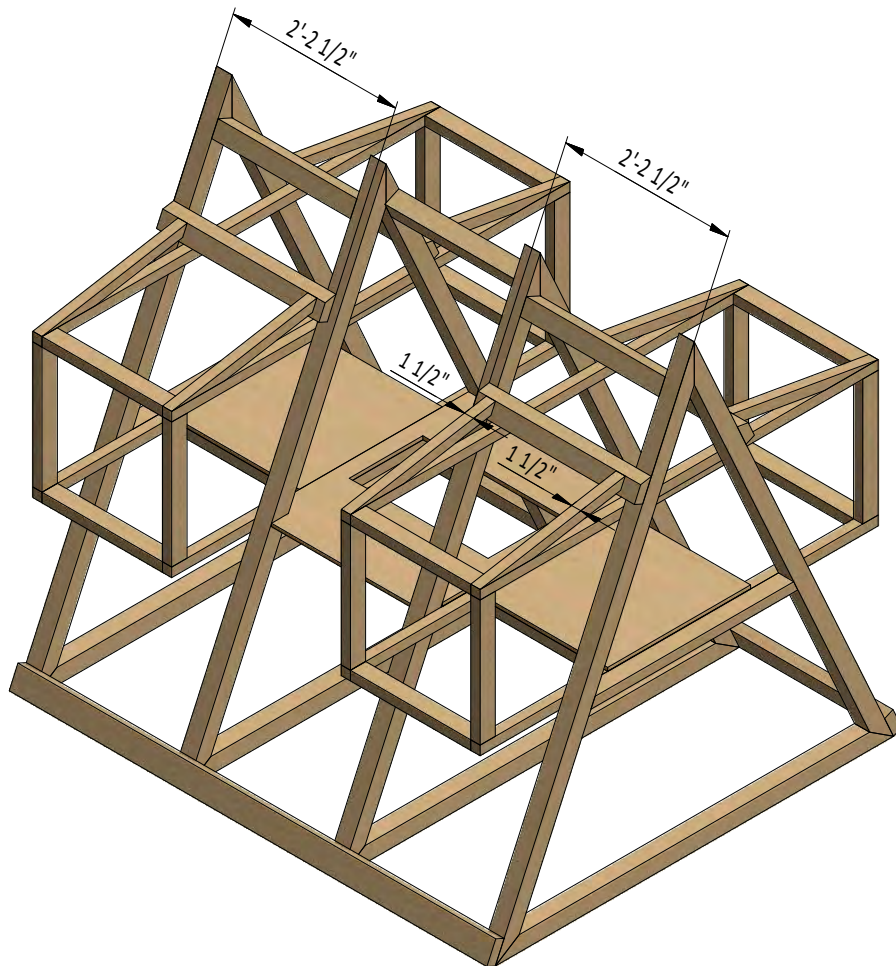
**4.2** Use 5" wood screws to secure the rim joists to the frames.



## STEP 5

### Install Nest Box's Rafter

- 5.1 Prepare 3 1/2" x 1 1/2" pressure-treated lumber for the 4 rafter supports.
- 5.2 Cut one edge to make 10 degrees angle and install rafter supports on the frame with 2x3" wood screws.
- 5.3 Prepare 1 1/2" x 1 1/2" pressure-treated lumber for the 8 rafters.
- 5.4 Cut one edge and install rafters with 2x3" wood screws.

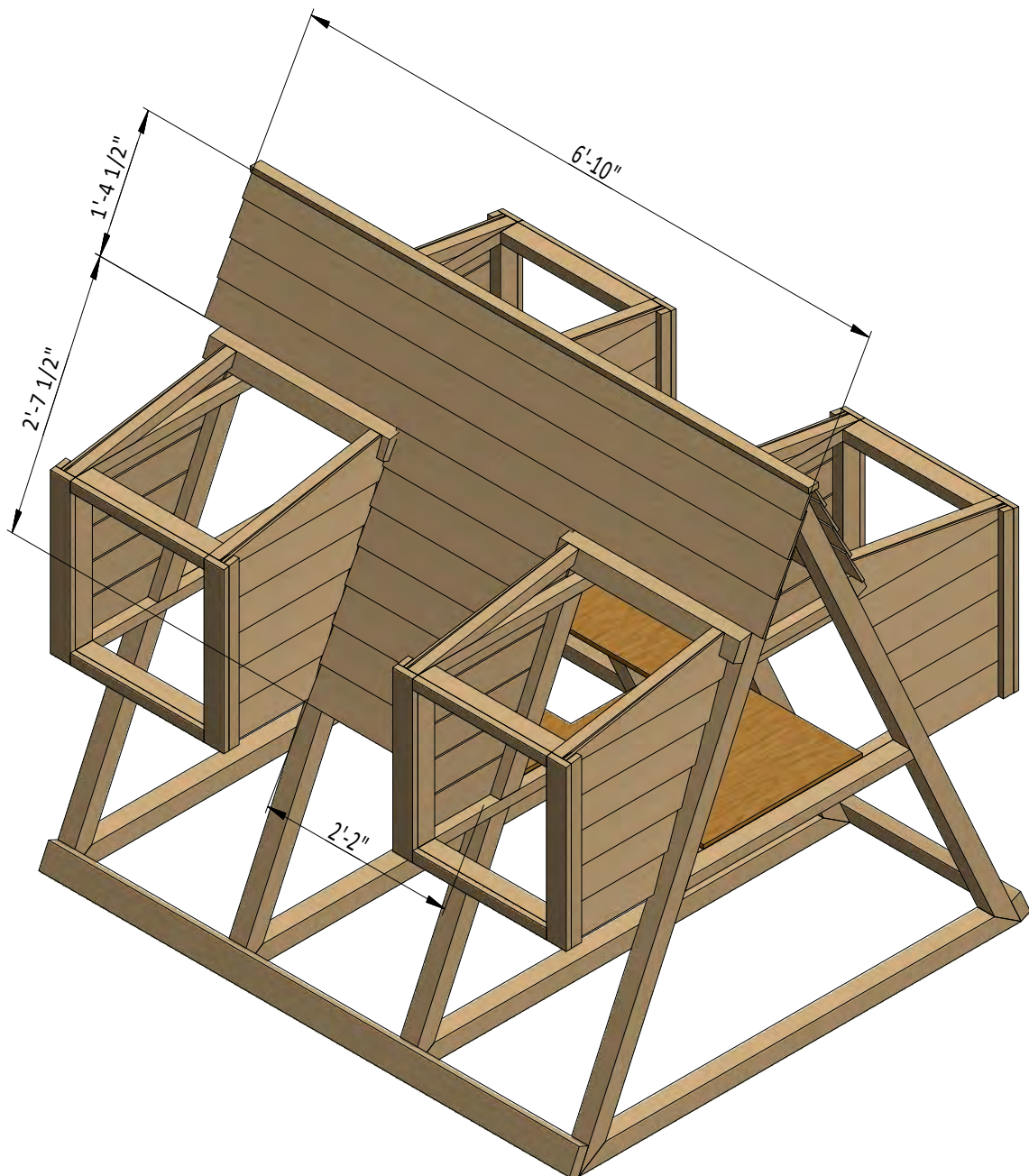




## STEP 6

### Installing The Siding for The Coops Wall

- 6.1 Prepare and install starter courser from the pressure-treated lumber with cross section  $1\frac{1}{4} \times \frac{3}{4}$  inch.
- 6.2 Prepare the  $\frac{1}{2} \times 6$  inch wood siding boards in the required amount according to the drawing.
- 6.3 Secure the siding using 2" galvanized nails.
- 6.4 Prepare and install roof ridge cap from the pressure-treated lumber with cross section  $1\frac{1}{2} \times \frac{3}{4}$  inch.

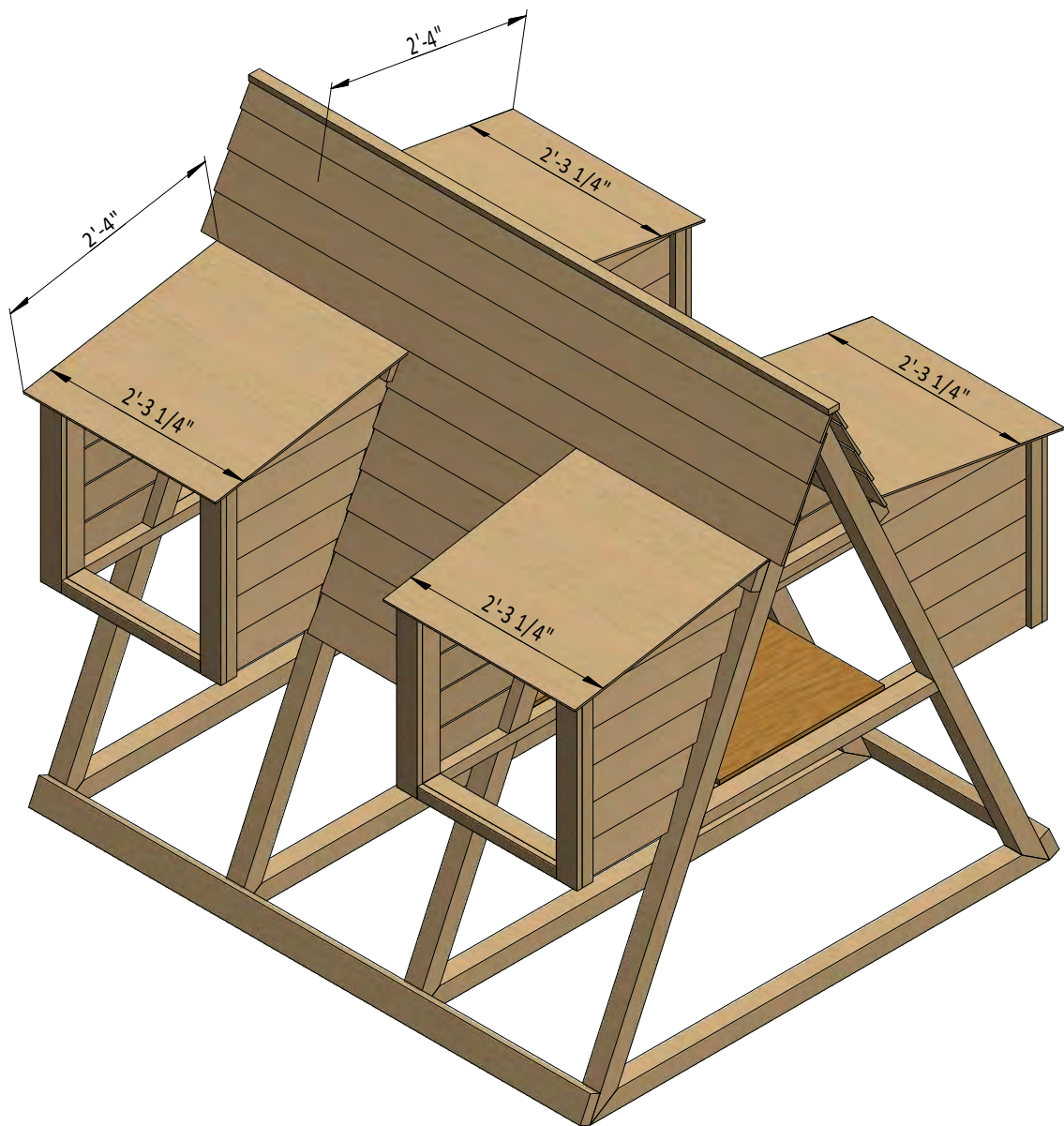


## STEP 7

### Install the Sub-Roofing

7.1 Prepare the 9/16" plywood for the roof sheathing according to the drawing.

7.2 Secure the plywood with 2" wood screws.

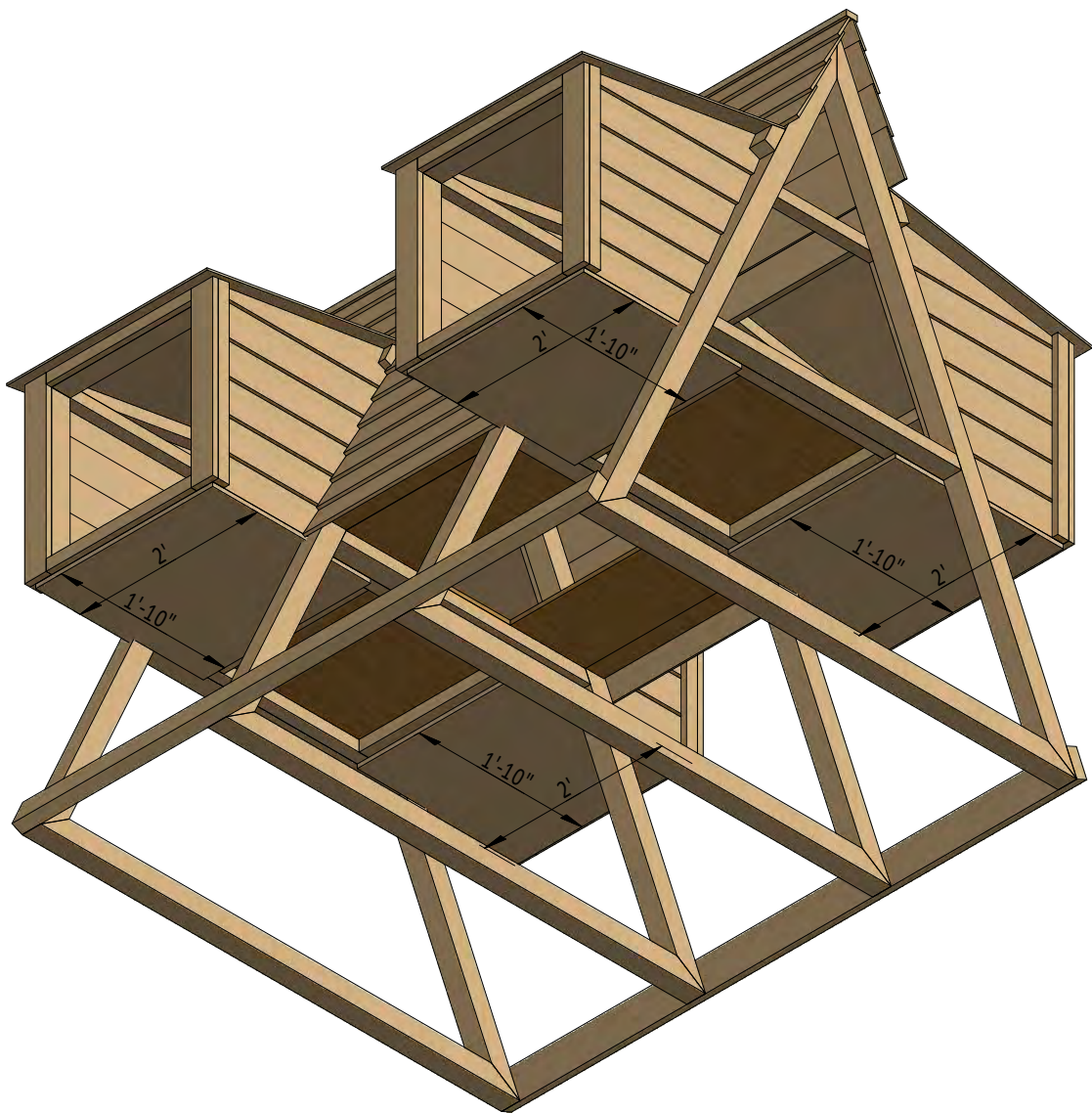


## STEP 8

### Install Plywood For The Floor

**8.1** Cut 9/16" plywood for the flooring using the drawing below as a guide.

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

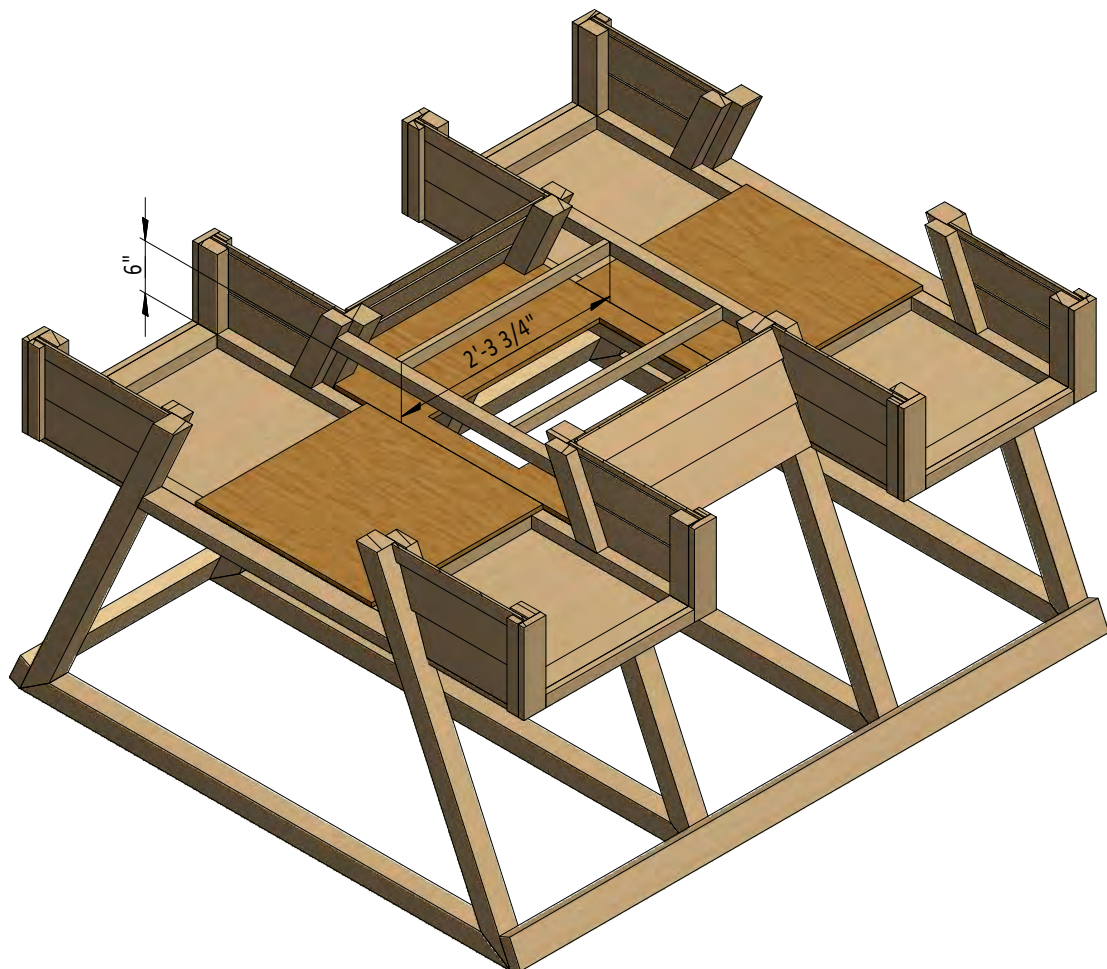


## STEP 9

### Coop's Roost Assembly

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

**9.2** Fasten the stairs to the walls inside the coop with 2x2" wood screws.



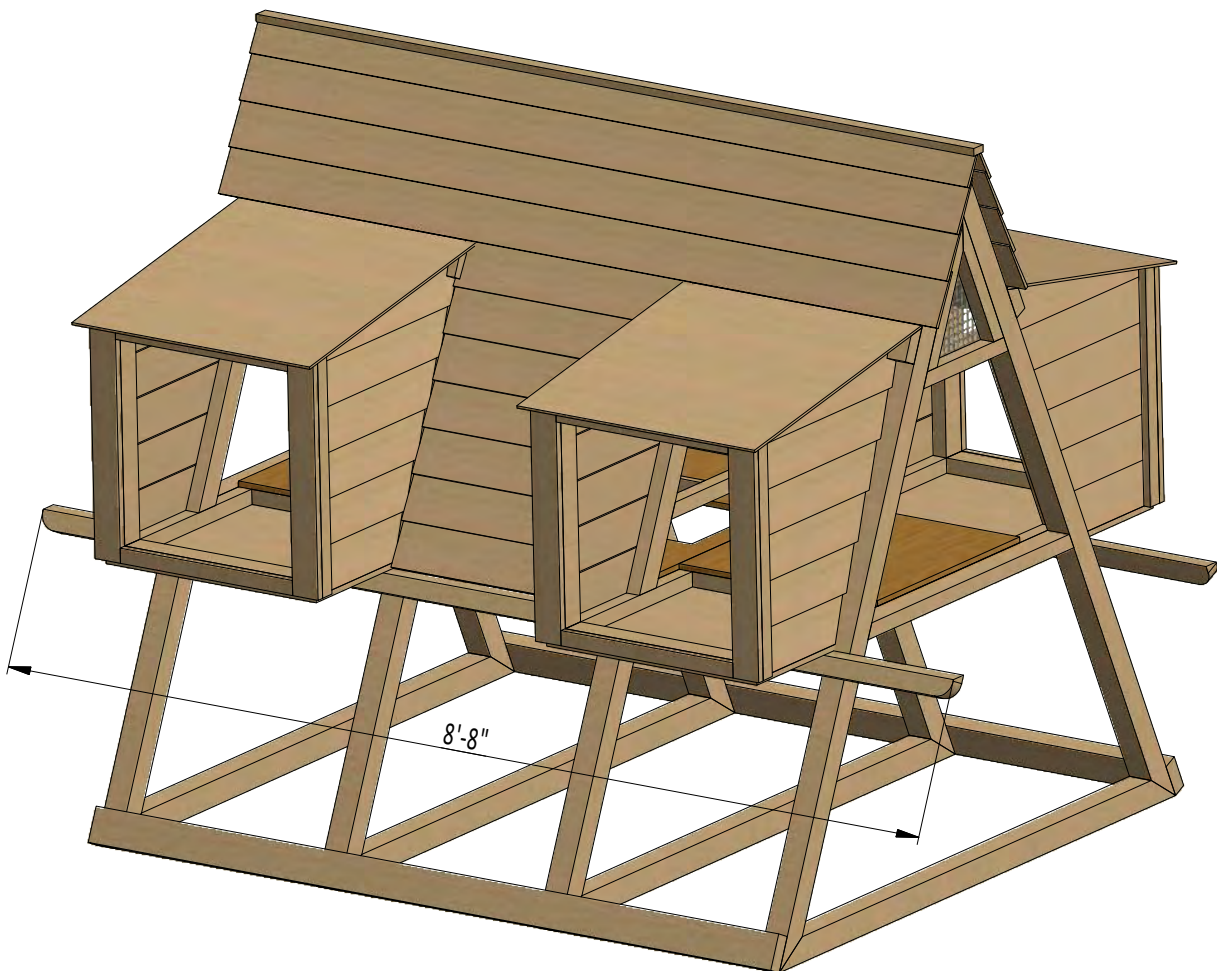


## STEP 10

### Coop's Roost Assembly

**10.1** Prepare 2 1/2" x 1 1/2" pressure-treated lumber for the 2 handles.

**10.2** Round out edges and install handles on the frames with 3x3" wood screws.





## STEP 11

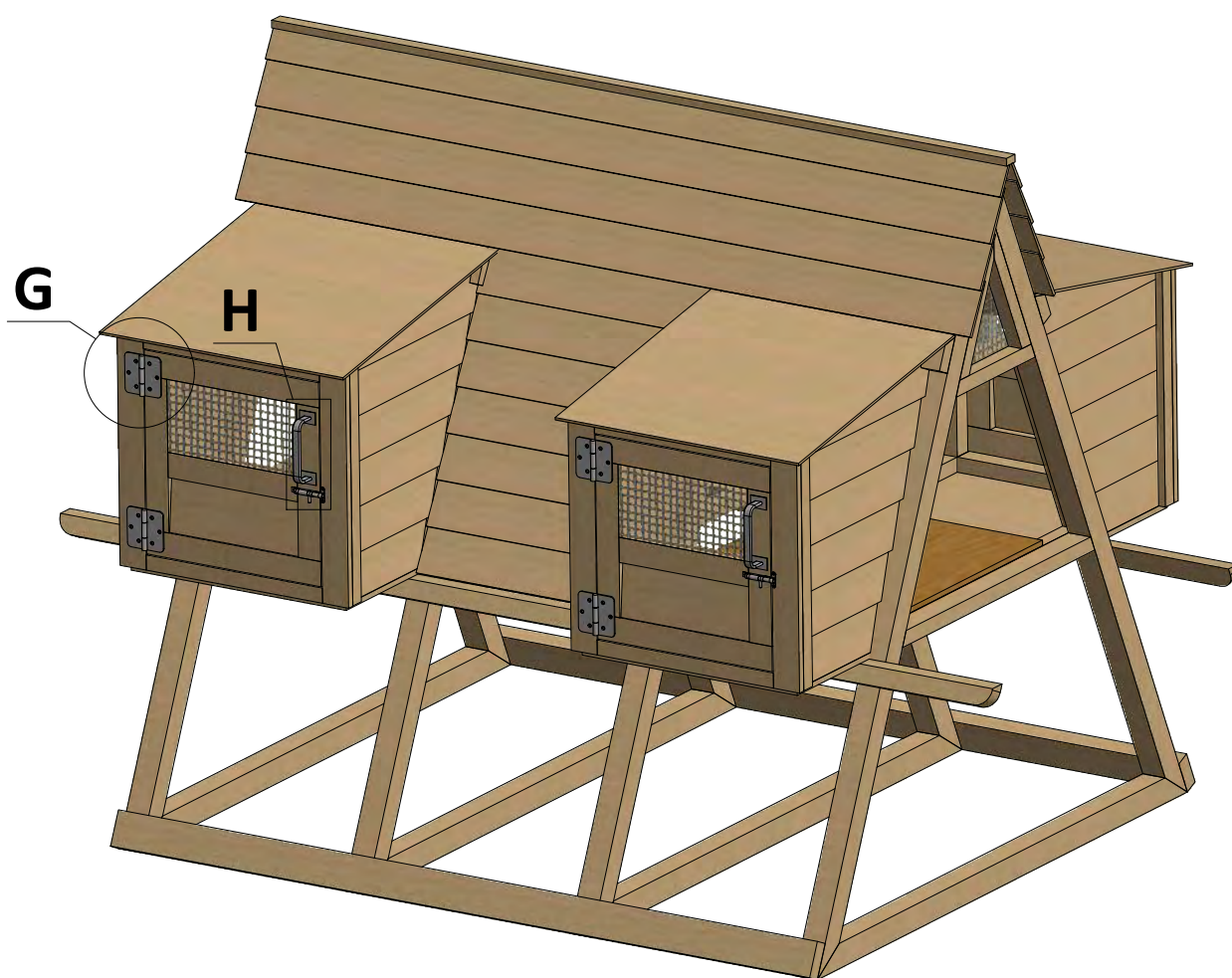
### Assembling and Installing the Nest Box Door

**11.1** Assemble the frame from the pressure-treated lumber with cross section 2 1/2 x 1 1/2" with 2x5" wood screws according to the drawing.

**11.2** Prepare 1/4" wire mesh in the required quantity and install it on the inner side of the frame with the help of industrial stapler.

**11.3** Prepare the 1/2 x 6 inch wood siding board according to the drawing.

**11.4** Install two 4" door hinges using 6x2" wood screws. Finish the door installation by attaching 4" surface bolt and 6" door pull (see figures **G**, **H**).



## STEP 12

### Assembling and Installing the Coop Doors

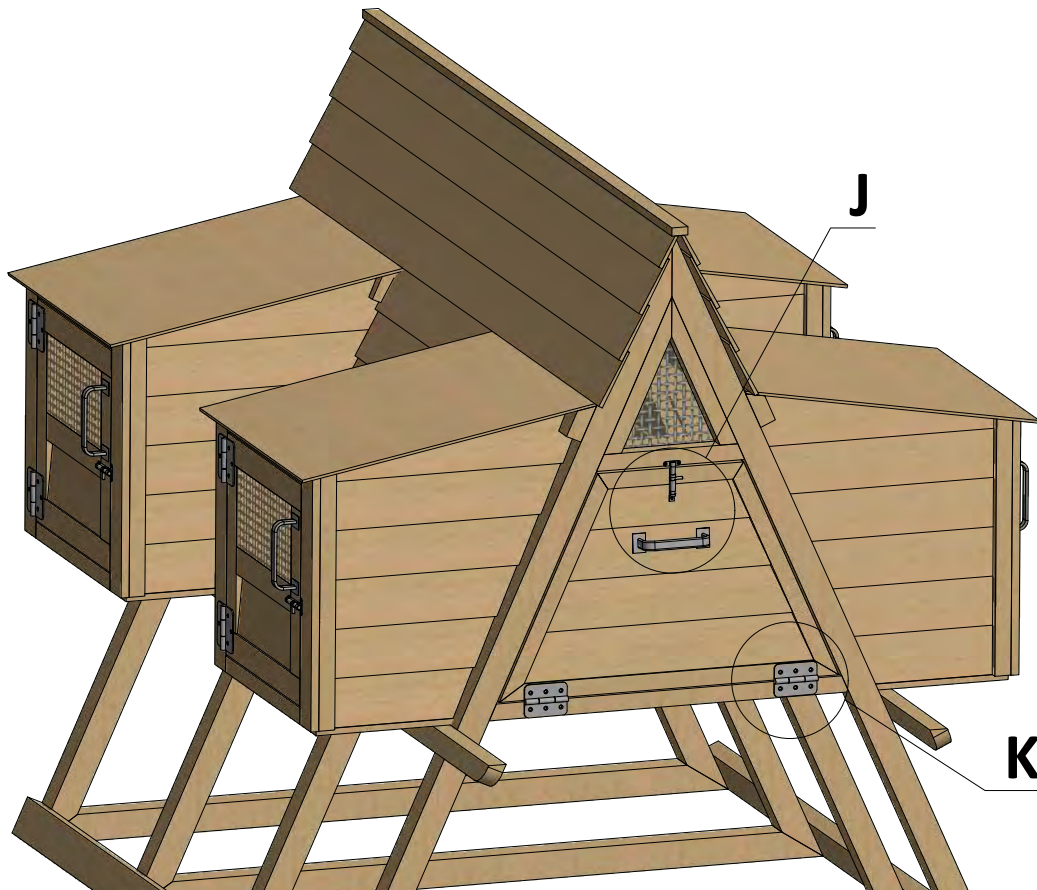
**12.1** Assemble the frame from the pressure-treated lumber with cross section  $2\frac{1}{2} \times \frac{3}{4}$  " with 1x5" wood screws according to the drawing.

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

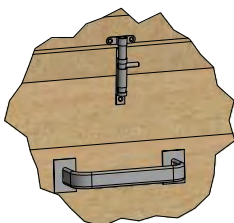
**12.3** Prepare and install the  $\frac{1}{2} \times 6$  inch wood siding boards in the required amount according to the drawing with 2" galvanized nails.

**12.4** 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.

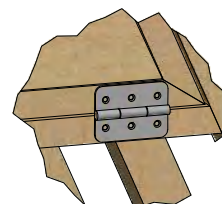
**12.5** Install two 6" door hinges using 2x1" wood screws. Finish the door installation by attaching 4" surface bolt and 6" door pull (see figures K,J).



**J** (1:10)



**K** (1:10)



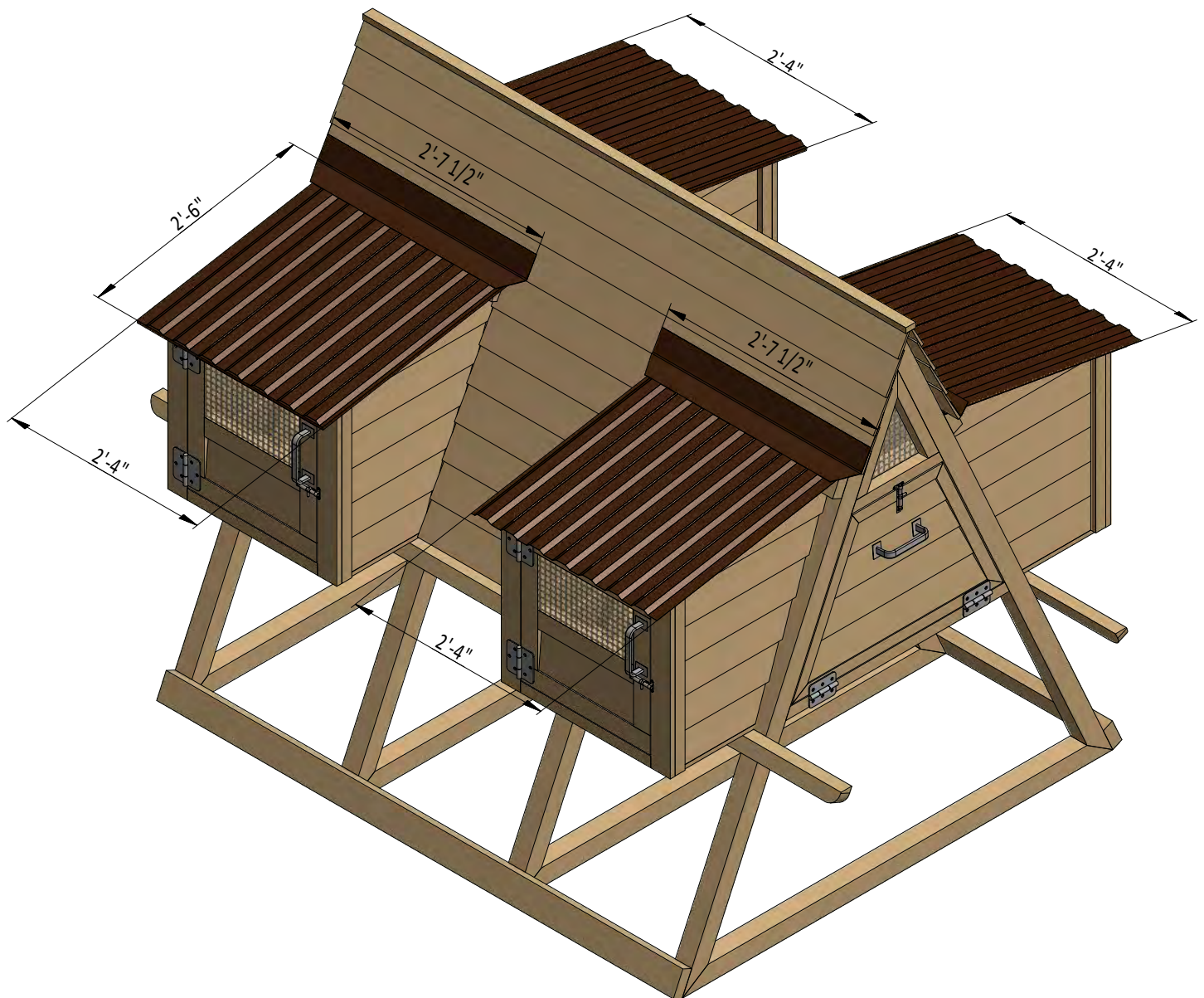
## STEP 13

### Installing the Metal Roofing

**13.1** To cover the roof will need 4x6.25 ft<sup>2</sup> of corrugated roof panels.

**13.2** Fasten the panels with 1 1/2" sheet metal screws with neoprene washer.

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



## STEP 14

### Assembling and Installing the Stairs

**14.1** Assemble the stairs frame from the beams with cross section 1 1/2" x 1 1/2" with 6x4" wood screws according to the drawing.

**14.2** Provide 9/16 plywood sheet with slots according for drawing and install it on the frame.

**14.3** Install two additional 1 1/2 x 1 1/2 inch crossbeams.

**14.4** Fasten the stairs to the bottom frame with the 4" hinge by 3x2" wood screws.



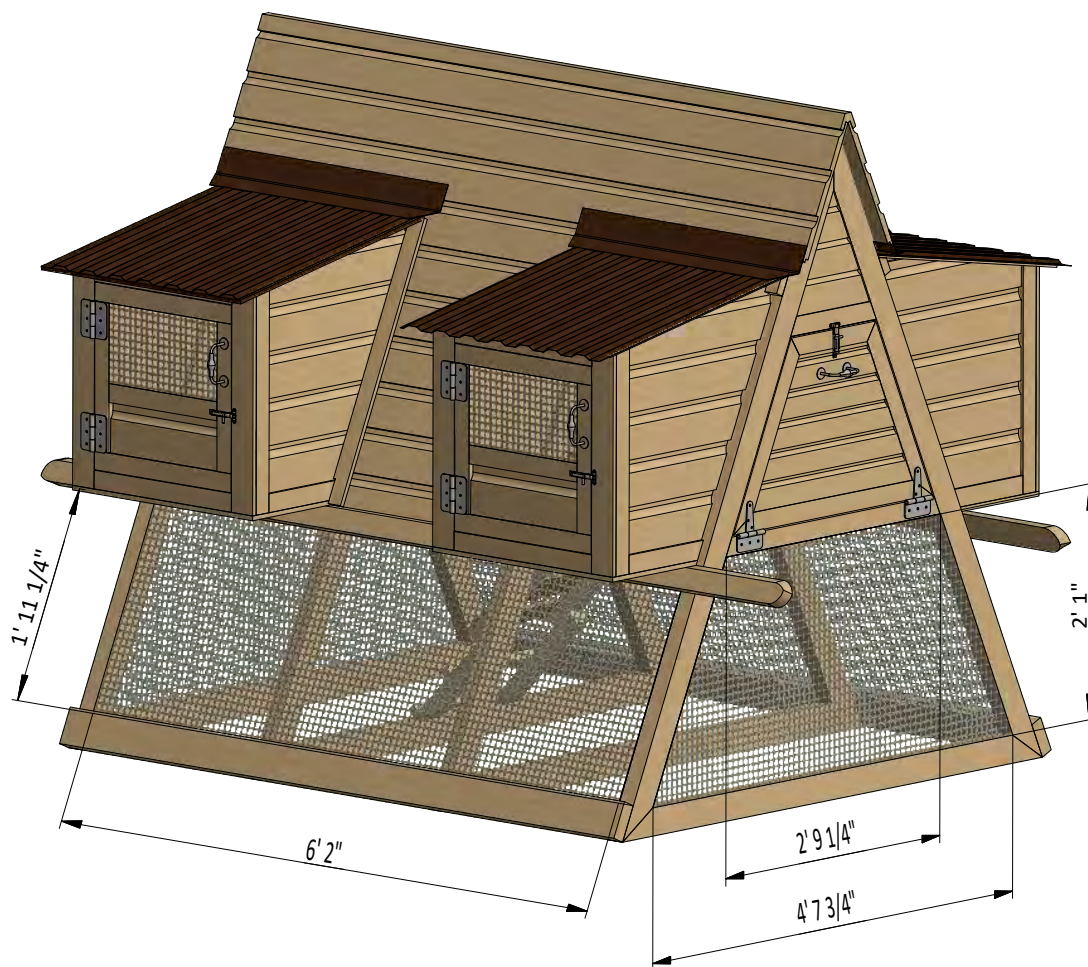


## STEP 15

### Install Aviary's Wire Mesh

**15.1** Prepare wire mesh sheets according to the drawing. To cover all the square will need 40 ft<sup>2</sup> of wire mesh.

**15.2** Fasten the mesh with an industrial stapler.





## STEP 16

### Final touches

Don't forget to choose the desirable paint or lacquer for your mood and the colors of your yard.

Decorate your chicken coop by giving it unique and stylish look.





## Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	21	34
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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