



## 6' x 12' Chicken Coop Plan

Up to 10 chickens



## Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	21	58
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

# 6'x12' 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

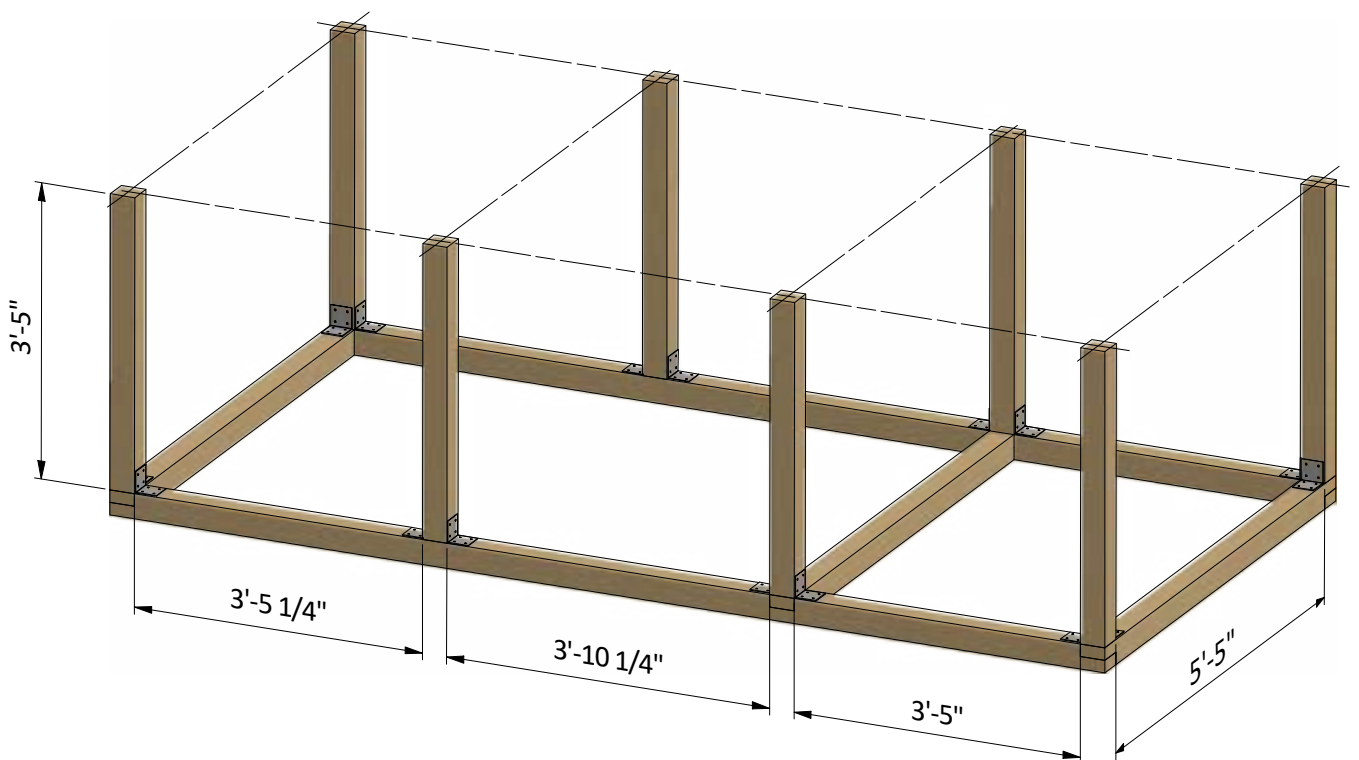
## STEP 1

### Assemble the Main Frame

**1.1** Using 3 1/2" x 3 1/2" pressure-treated lumber, provide the wall studs using the drawing below as a reference. You will need eight boards cut to 3'-5".

**1.2** Secure the beams to the bottom rails with 3" x 3" corner braces and 1" wood screws.

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



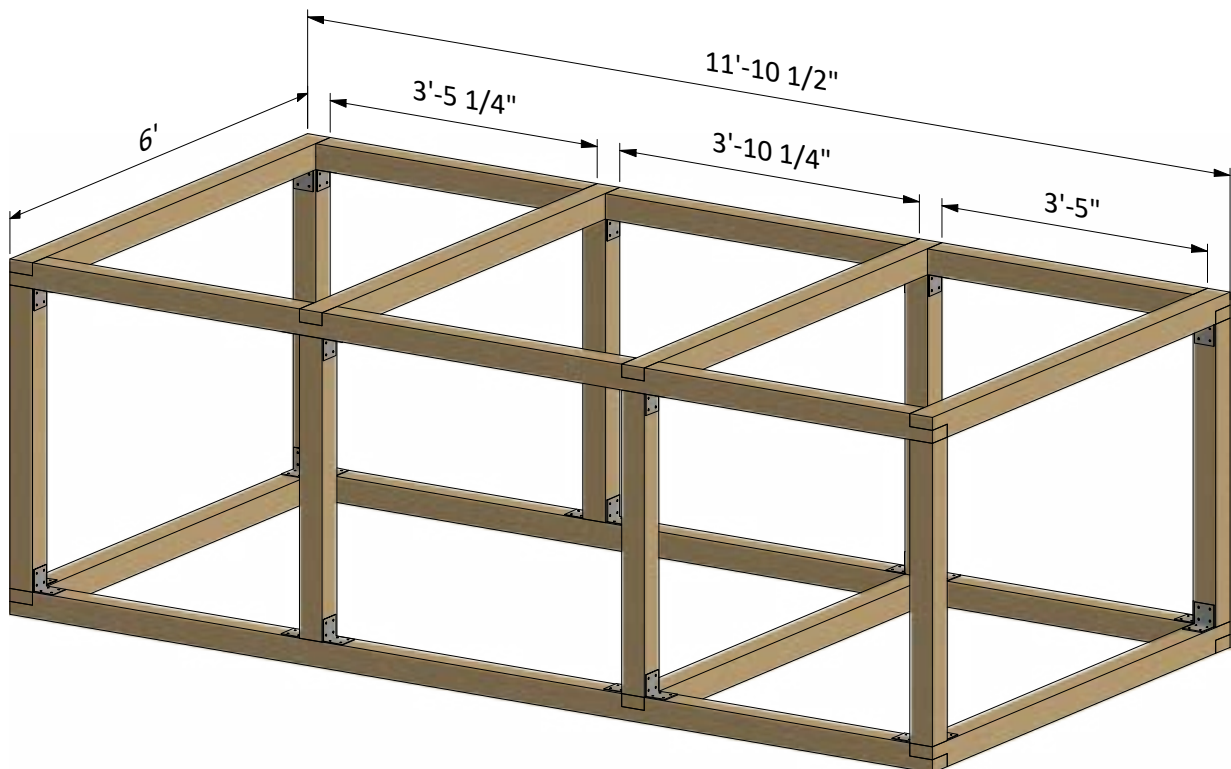
## STEP 2

### Assemble The Top Beams

**2.1** Assemble the top beams using 3 1/2" x 3 1/2" pressure-treated material. You will need two boards cut to 11'-10 1/2" and four boards cut to 6' according to the nodes A, B on page 13. To connect top beams between themselves use half lap connection (nodes C, D on page 16)

**2.2** Connect the beams with 3" x 3" corner braces and 1" and 5" wood screws.

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



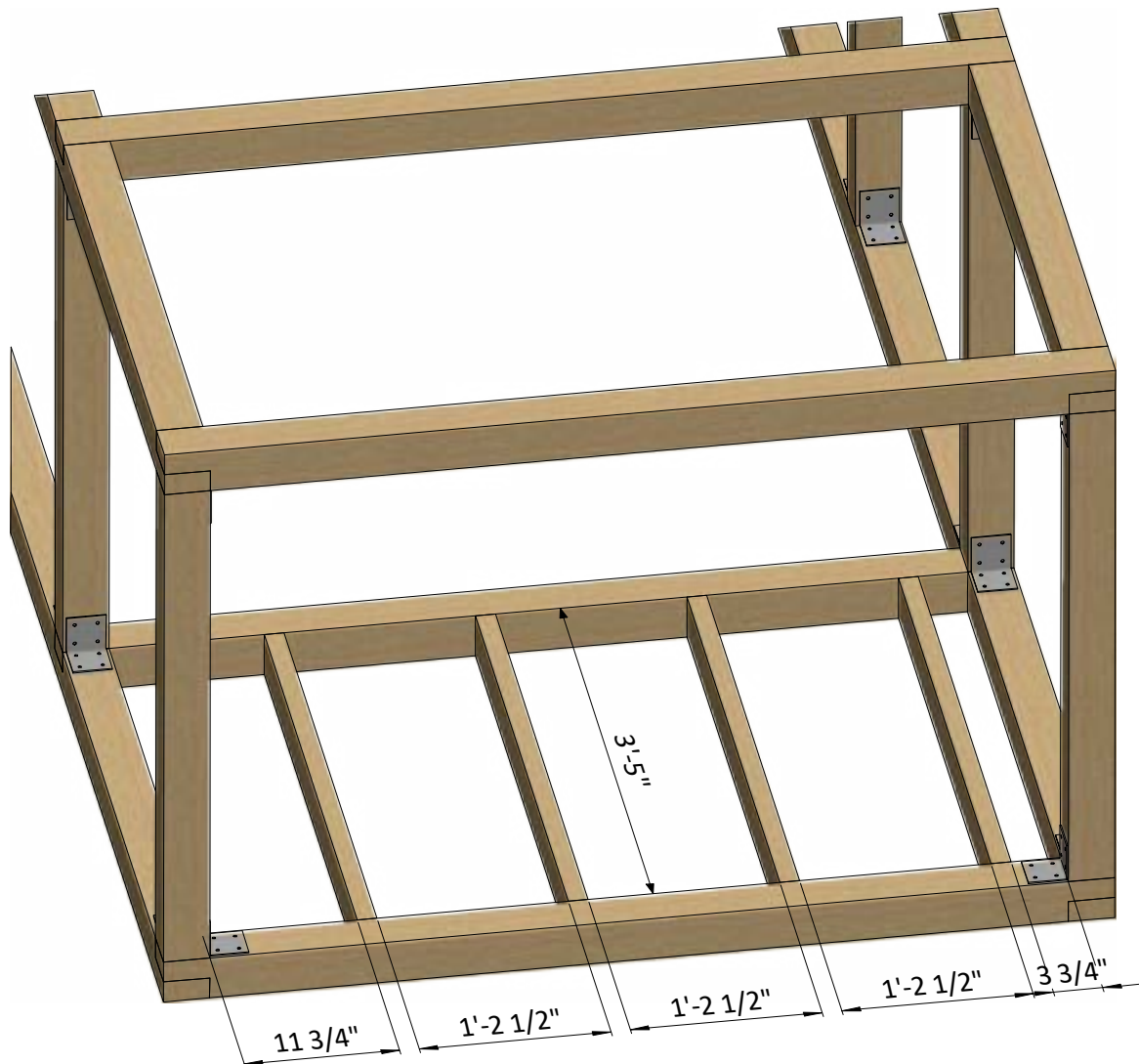
## STEP 3

### Assemble The Floor Frame

**3.1** Using 1 1/2" x 3 1/2" pressure-treated material, cut joists to assemble the floor frame using the illustrations below as a reference. You will need four boards cut to 3'-5".

**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°.



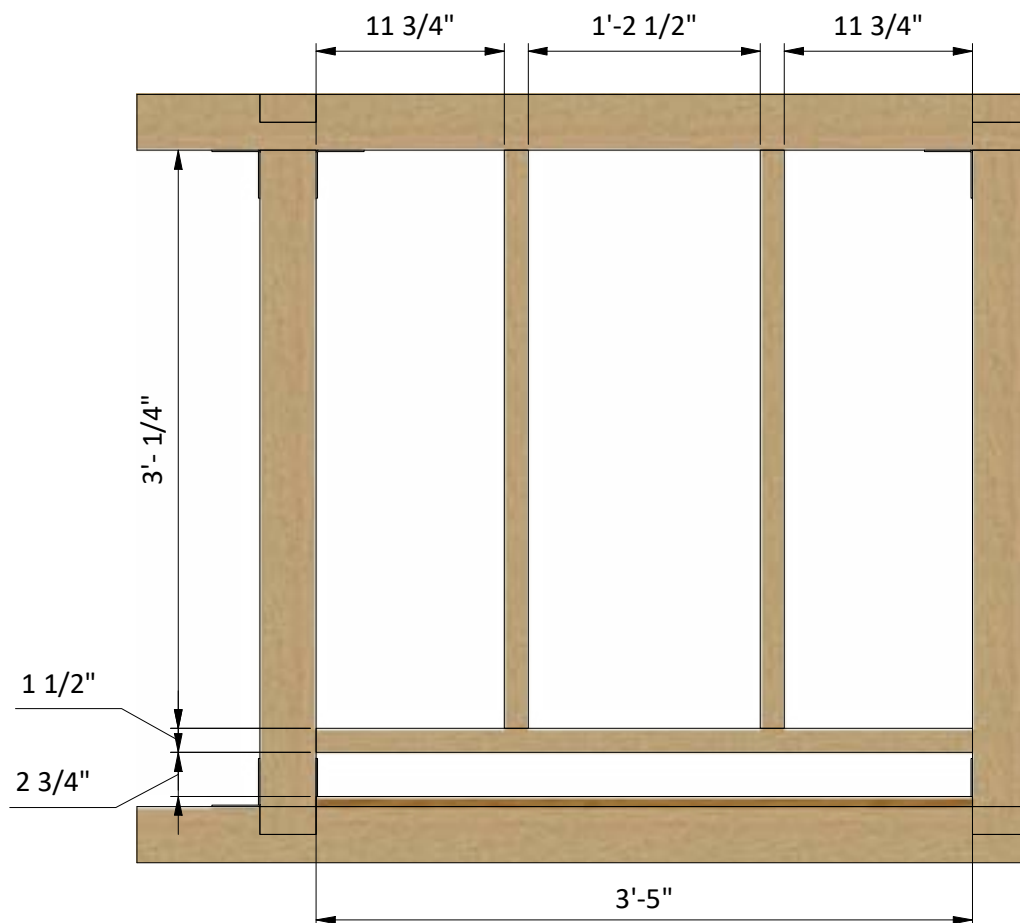
## STEP 4

### Assemble Left Wall Frame

**4.1** Using 1 1/2" x 3 1/2" pressure-treated lumber, construct left wall frame using the drawing below as a reference. You will need two boards cut to 3'-1/4" that will be studs and one board cut to 3'-5" that will be bottom beam.

**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

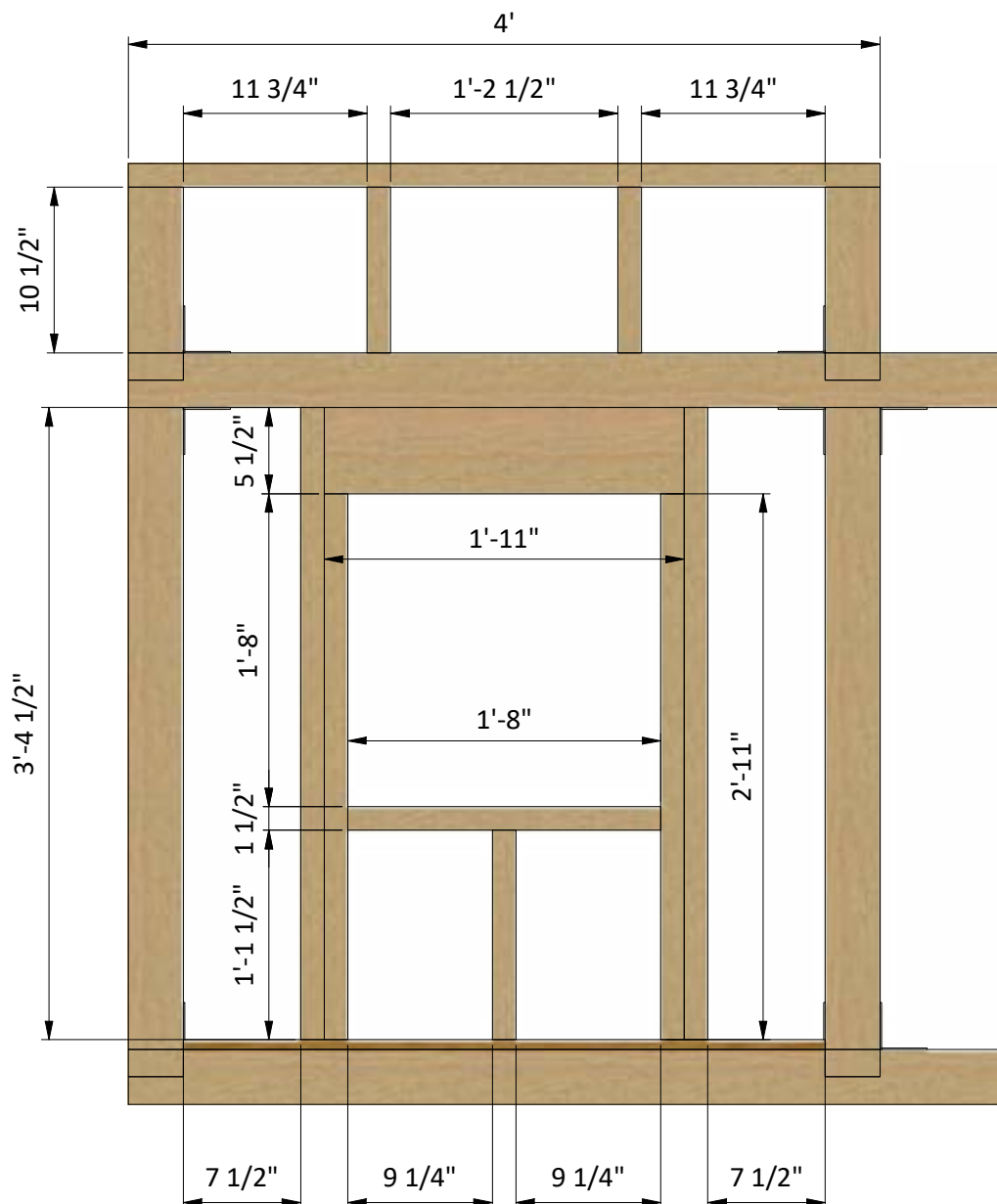
### Assemble Right Wall Frame

**5.1** Using 1 1/2" x 3 1/2" and 1 1/2" x 5 1/2" pressure-treated lumber, construct right wall frame using the drawing below as a reference. You will need two boards cut to 3'-4 1/2", two boards cut to 2'-11" and one board cut to 1'-1 1/2" that will be studs, two boards cut to 1'-11" that will be the window header and one board cut to 1'-8" that will be rough sill.

**5.2** Connect the beams with 3" and 5" wood screws.

**5.3** Using 1 1/2" x 3 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct top frame using the drawing below as a reference. You will need four boards cut to 10 1/2" that will be studs and one board cut to 4' that will be top beam. Connect the studs to the main frame with two 3" x 3" corner braces and 1" and 5" wood screws.

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





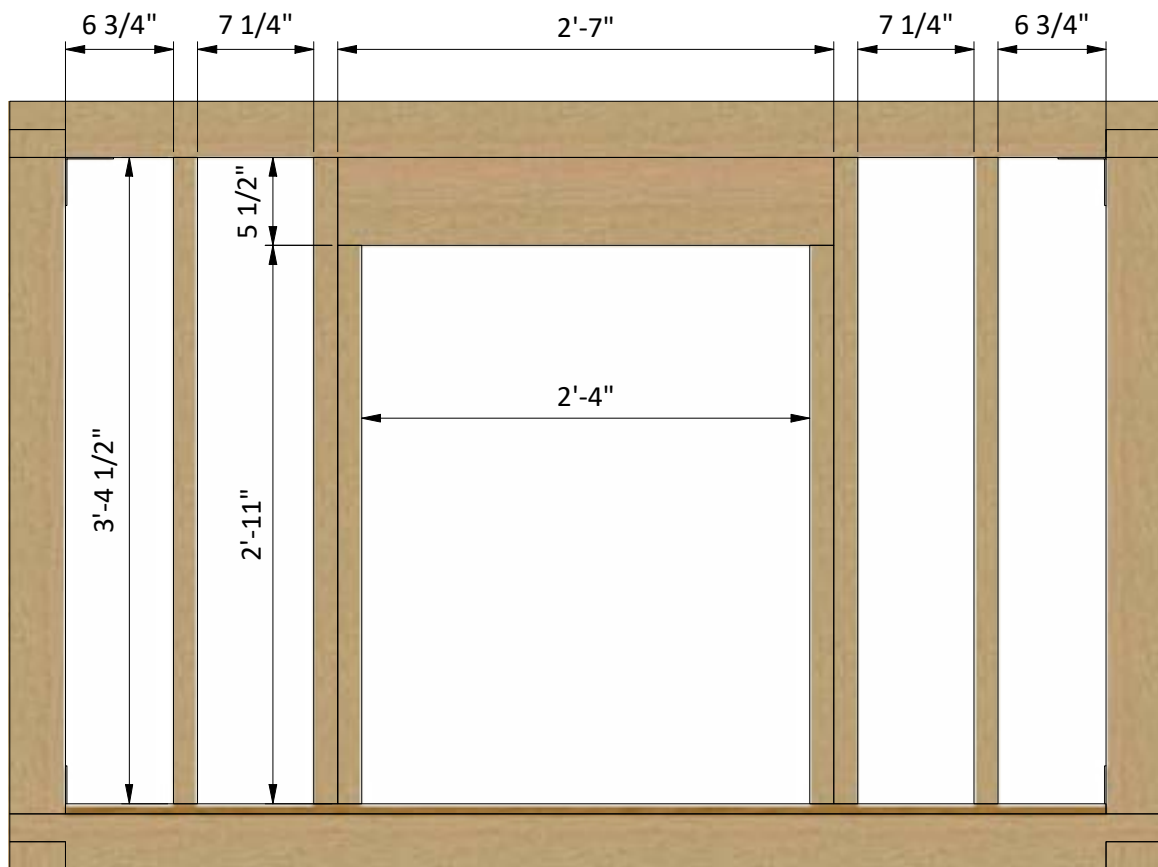
## STEP 6

### Assemble Front Wall Frame

**6.1** Using 1 1/2" x 3 1/2" and 1 1/2" x 5 1/2" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need four boards cut to 3'-4 1/2" and two boards cut to 2'-11" that will be studs and two boards cut to 2'-7" that will be the door header.

**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°.



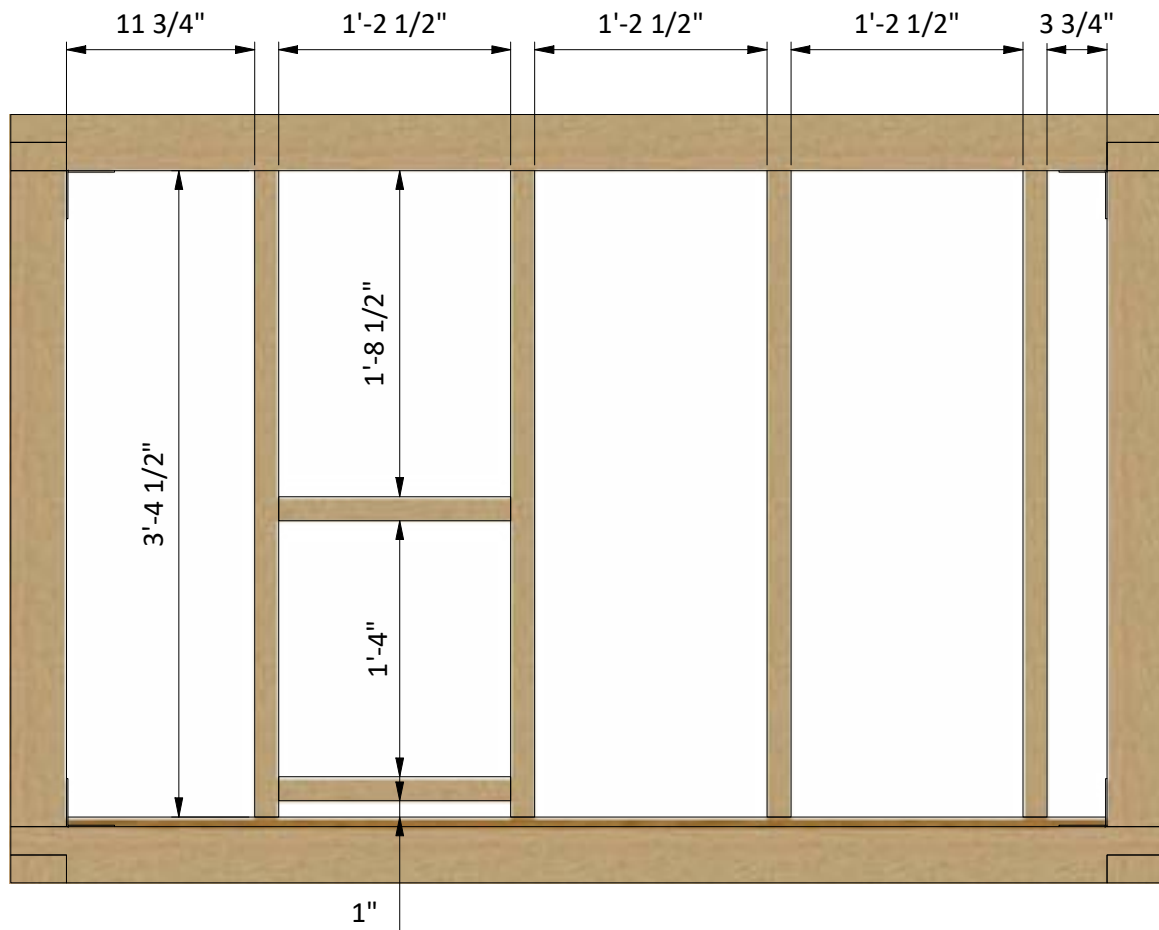
## STEP 7

### Assemble Back Wall Frame

**7.1** Using 1 1/2" x 3 1/2" pressure-treated lumber, construct back wall frame using the drawing below as a reference. You will need four boards cut to 3'-4 1/2" and two boards cut to 1'-2 1/2" that will be chicken door header and bottom beam.

**7.2** Connect the beams with 3" and 5" wood screws.

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

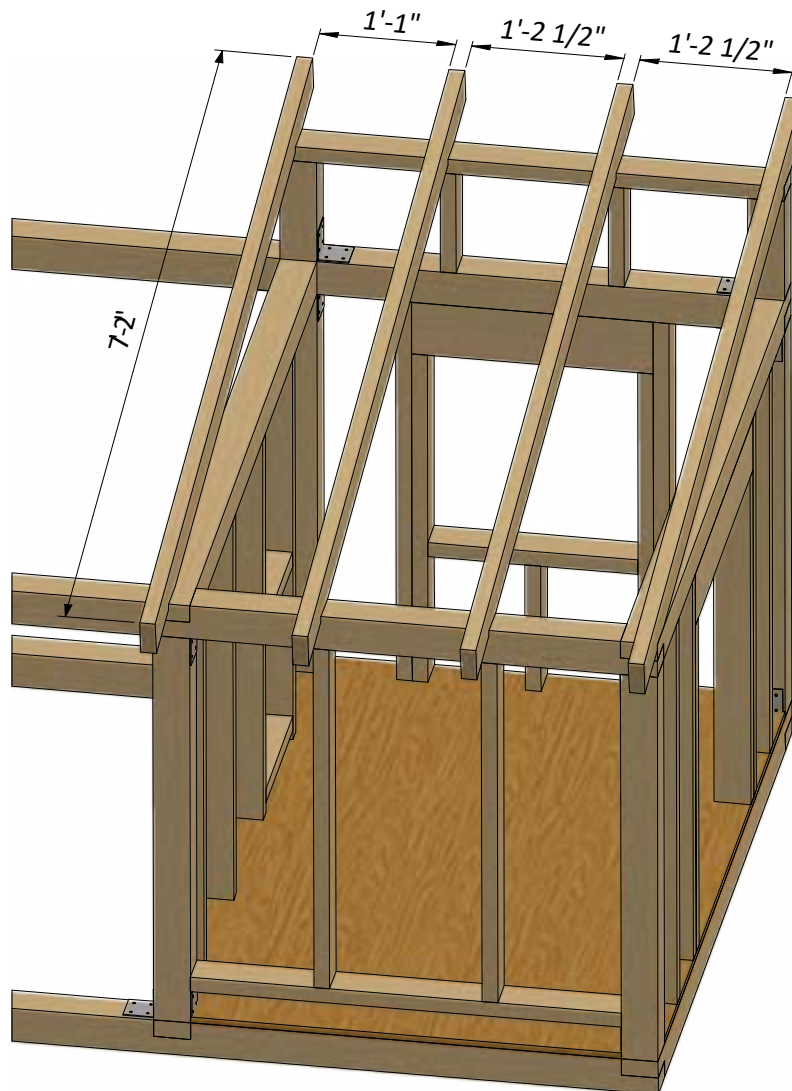


## STEP 8

### Assemble the Roof Frame

**8.1** Using 1 1/2" x 3 1/2" pressure-treated lumber, cut four rafters 7'-2" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

**8.2** Connect the beams with a top frame with the help of 5" wood screws.



## STEP 9

### Assemble and Install Front Door

**9.1** Build the door frame using 3/4" x 3 1/2" pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to 2'-10 1/2" that will be the vertical girts, two boards cut to 1'-8 1/2" that will be the horizontal girts and one board cut to 2'-10" that will be cross brace.

**9.2** Prepare the 5/8" plywood sheet with dimensions 2'-3 1/2" x 2'-10 1/2" for the door according to the drawing.

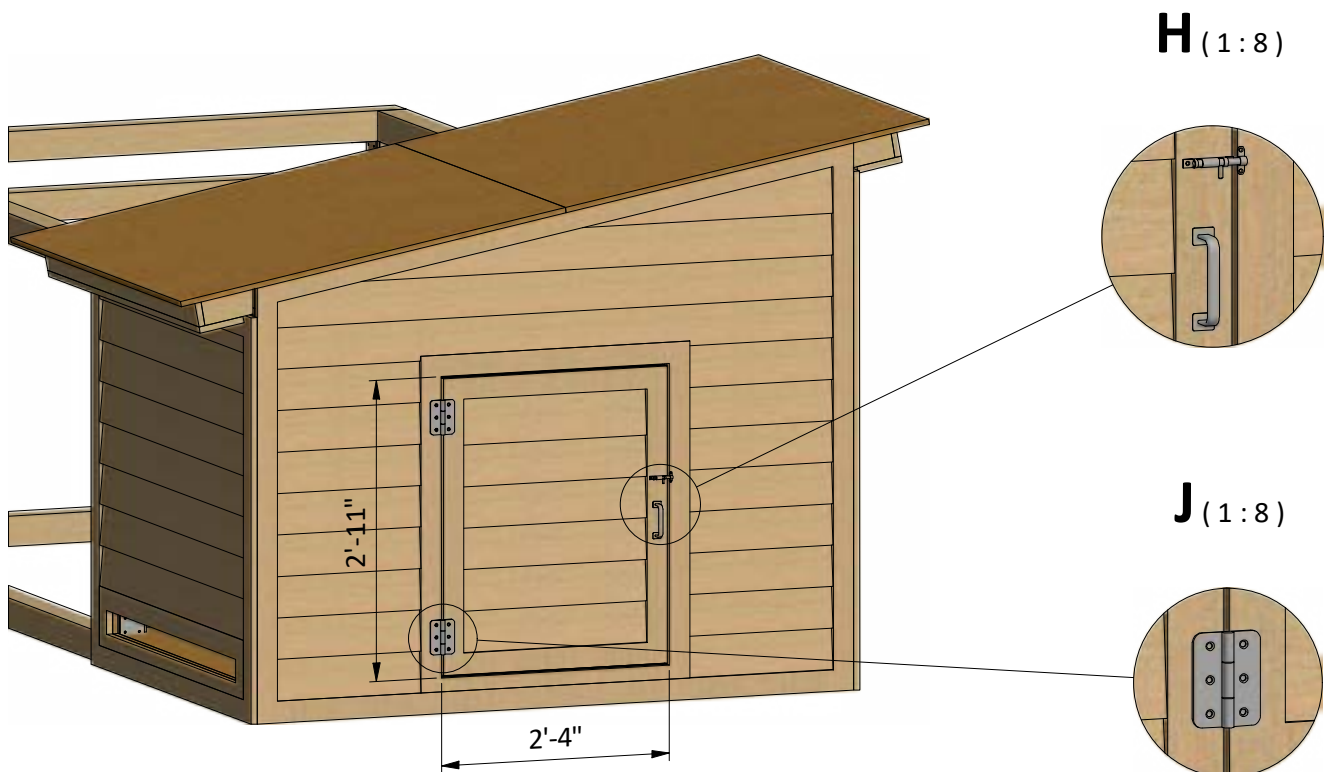
**9.3** Use 3/4" x 2 1/2" pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 1'-10 1/2" and two boards cut to 2'-10 1/2".

**9.4** Using 1/4" x 3/4" pressure-treated lumber, cut and install a starter course 1'-10 1/2" long using node E on page 31 as a reference.

**9.5** For the exterior siding on the door, use 1/2" x 6" wood siding boards and the illustration below as a reference.

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

**9.7** Install two 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching one 6" door handle and 3" surface bolt (see nodes **H**, **J**).



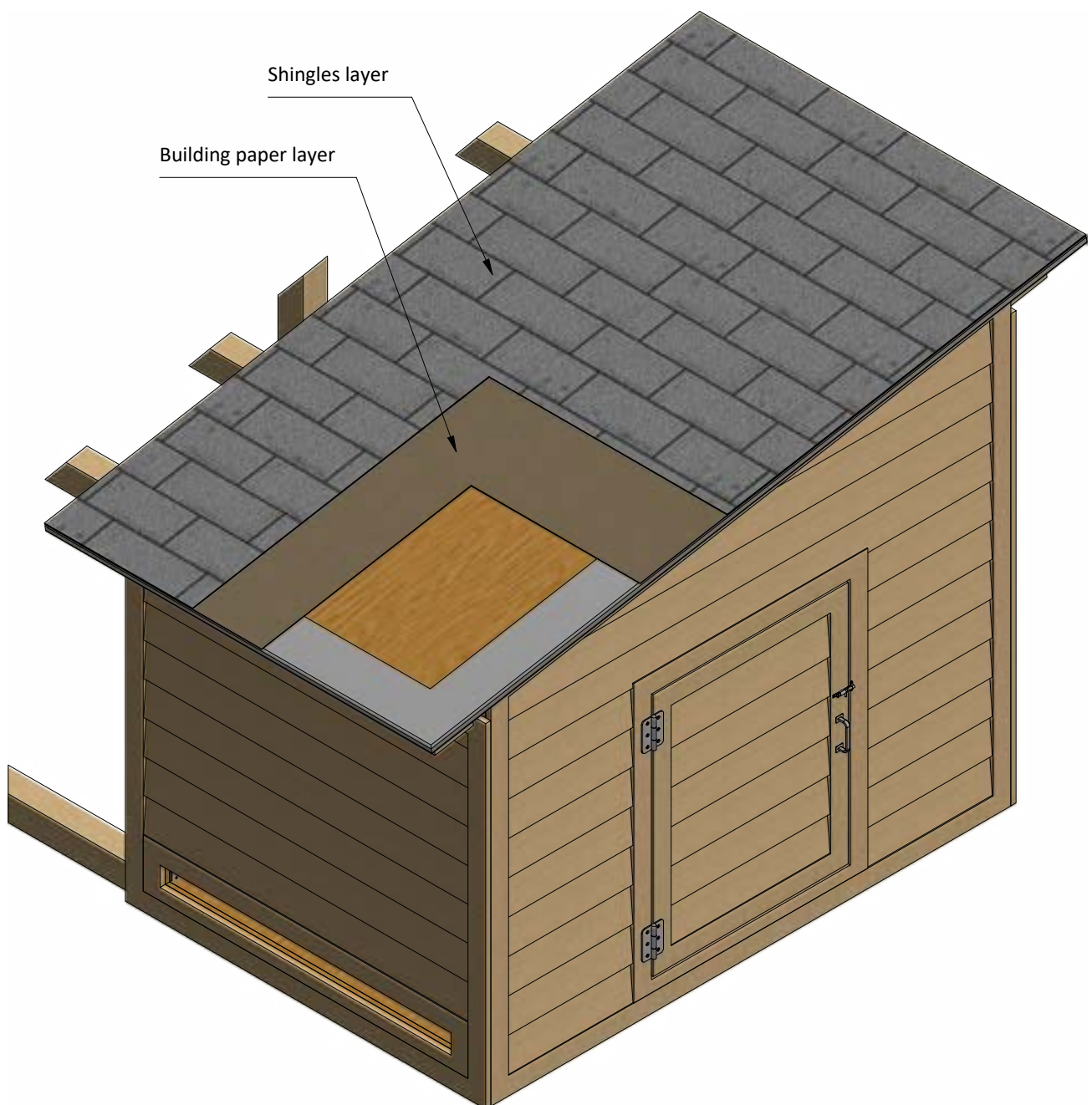
## STEP 10

### Coop's Roof Sheathing Installation

**10.1** You will need 36 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.



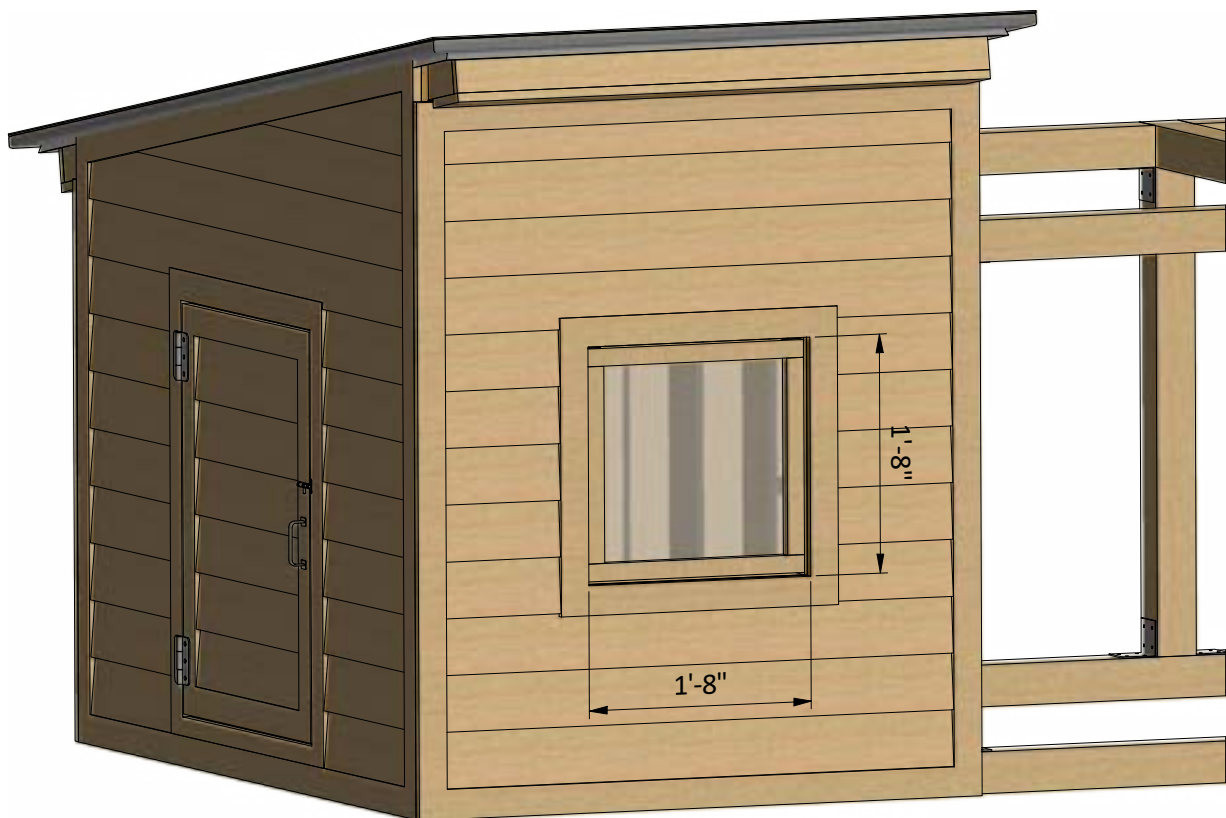
## STEP 11

### Assemble and Install Window

**11.1** 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 four boards cut to 1'-7 1/2" that will be the vertical and horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

**11.2** Prepare and install 1'-5 1/4" x 1'-5 1/4" glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

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

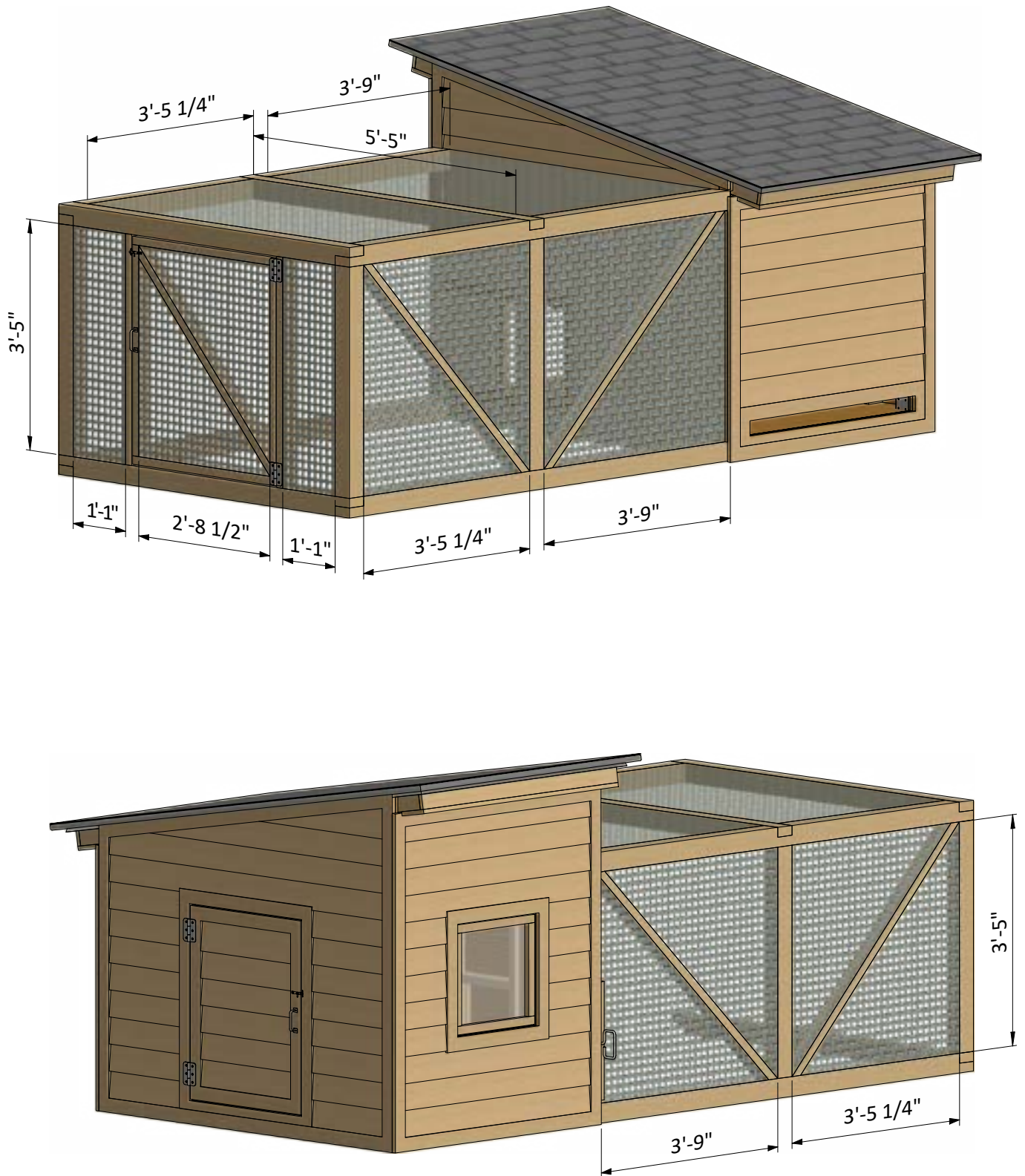




## STEP 12

### Mesh Wall Installation

12.1 Cover the walls with 1/4" wire mesh with the help of industrial stapler. You will need 80 sq ft.



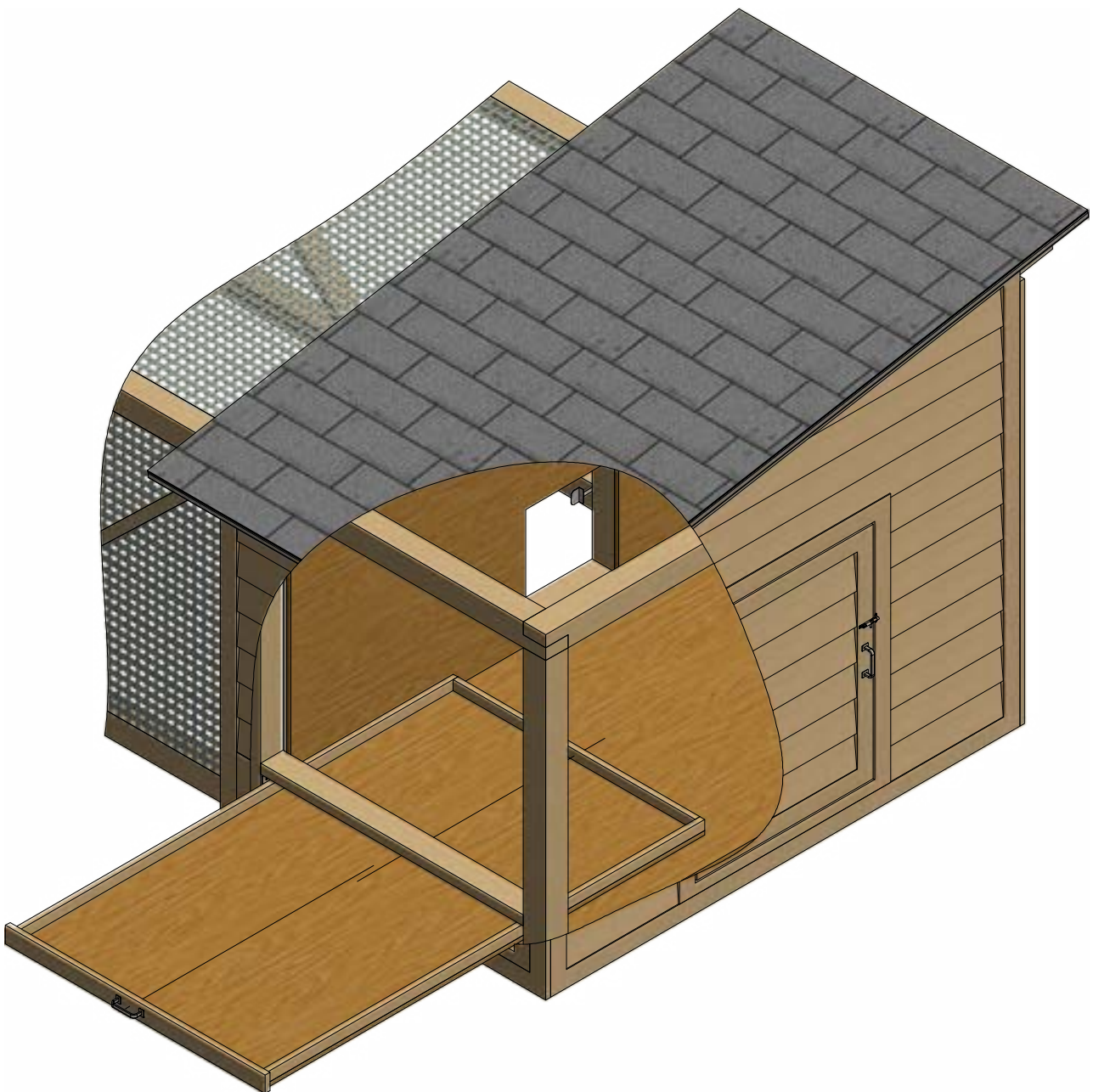


## STEP 13

### Assemble The Litter Tray

**13.1** Assemble the litter tray using  $\frac{3}{4}$ " x  $1\frac{1}{2}$ " and  $\frac{3}{4}$ " x  $2\frac{1}{2}$ " pressure-treated material and  $\frac{5}{8}$ " plywood. You will need two boards cut to  $5'-8\frac{1}{2}"$ , one board cut to  $3'-1\frac{3}{4}"$  and one board cut to  $3'-4\frac{1}{2}"$ . Assemble the frame and put one  $3'-3\frac{1}{4}"$  x  $5'-8\frac{1}{2}"$  sheet of plywood at the bottom. Finish the tray installation by attaching one 6" doorhandles.

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



## STEP 14

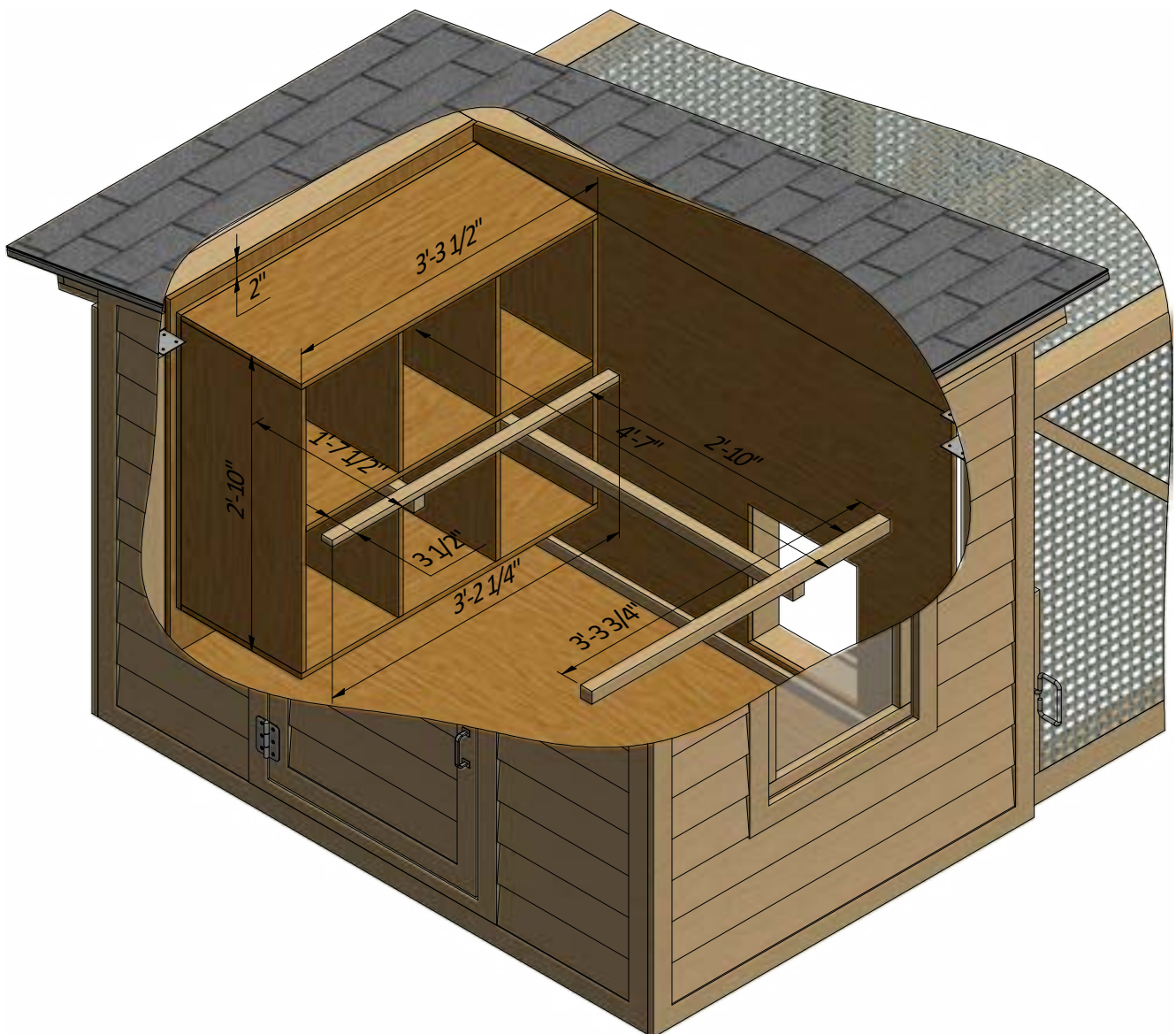
### Assemble The Nesting Box With Roost

**14.1** Cut 5/8" plywood for the box according to the drawing.

You will need to cut two 1'-4" x 3'-3 1/2" sheets for the top and bottom planes, one 2'-10" x 3'-3 1/2" sheet for the back wall, one 1'-4" x 3'-2 1/4" sheet and four 1'-4" x 1'-4" sheets for the inner partitions. Install the box on the inner left wall.

**14.2** Assemble the roost using 3/4" x 1 1/2" and 1 1/2" x 1 1/2" pressure-treated material.

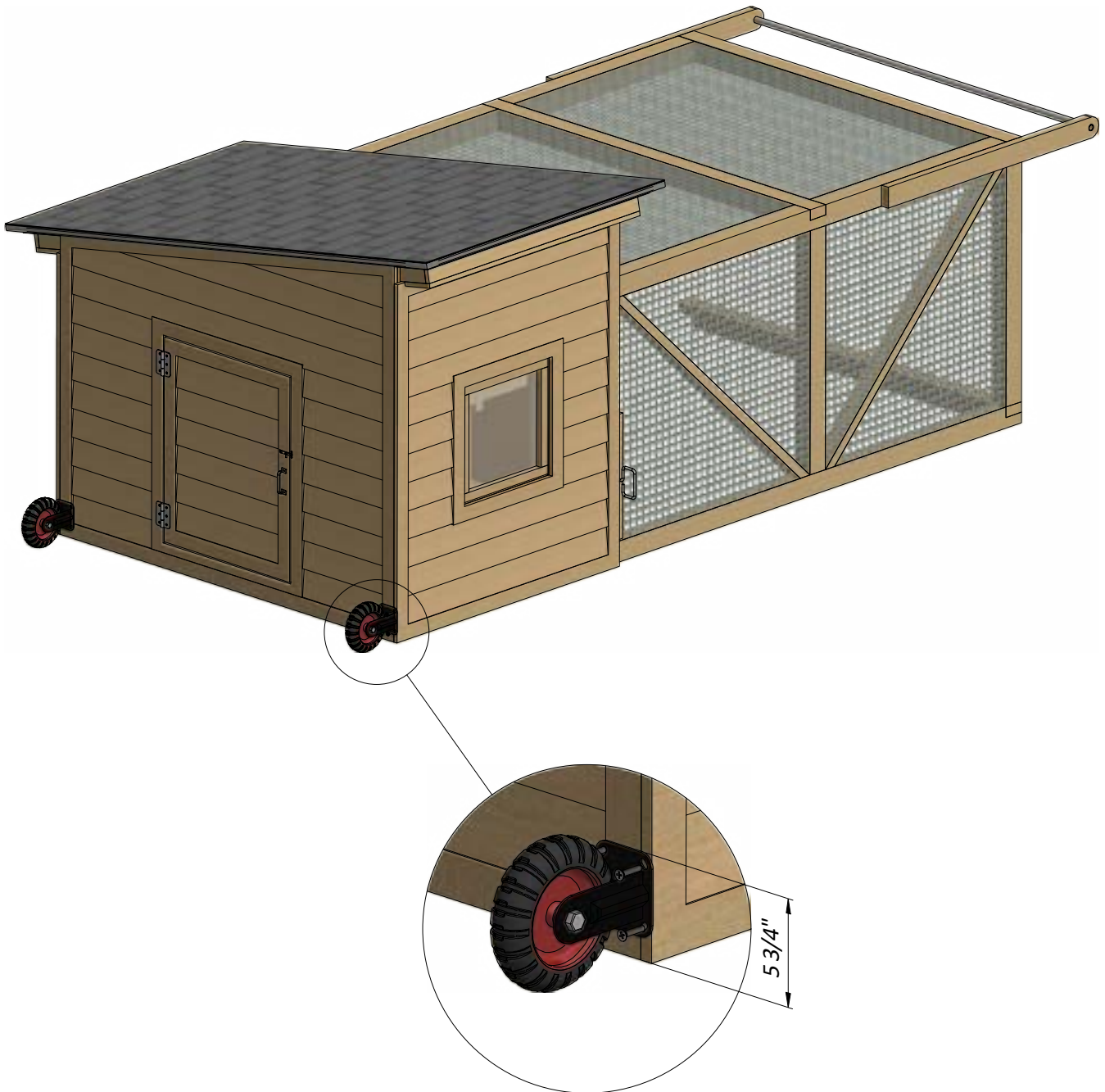
You will need one board cut to 1'-7 1/2", one board cut to 4'-7", one board cut 3'-2 1/4" and one board cut to 3'-3 3/4". Connect the beams to the nesting box inner partitions and coop's inner walls.



## STEP 15

### Installation of the Wheels

**15.1** Install two 8" fixed heavy-duty wheels to the front wall; they should touch the ground when the coop is standing still.





## 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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TRY PREMIUM



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