



3'x6' Chicken Coop Plan

Up to 6 chickens



Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	23	63
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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3'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

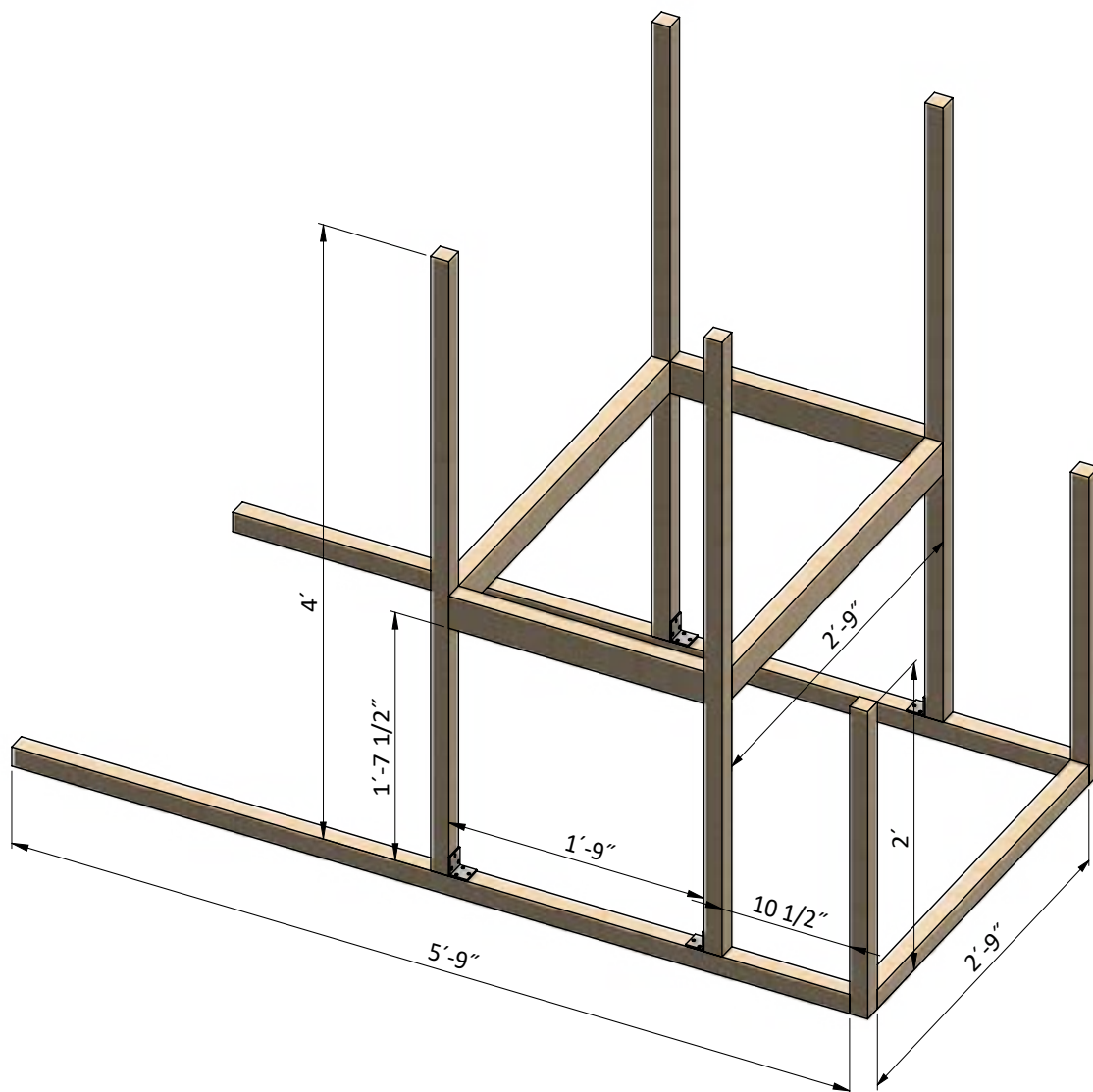
STEP 1

Assemble the Main Frame

1.1 Using $1\frac{1}{2}'' \times 1\frac{1}{2}''$ and $1\frac{1}{2}'' \times 2\frac{1}{2}''$ pressure-treated lumber, install the wall studs using the drawing below as a reference. You will need four boards cut to 4' that will be studs, two boards cut to 5'-9" and one board cut to 2'-9" that will be joists, two boards cut to 2'-9" and two boards cut to 1'-9" that will be bottom plates and two boards cut to 2' that will be studs.

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°.



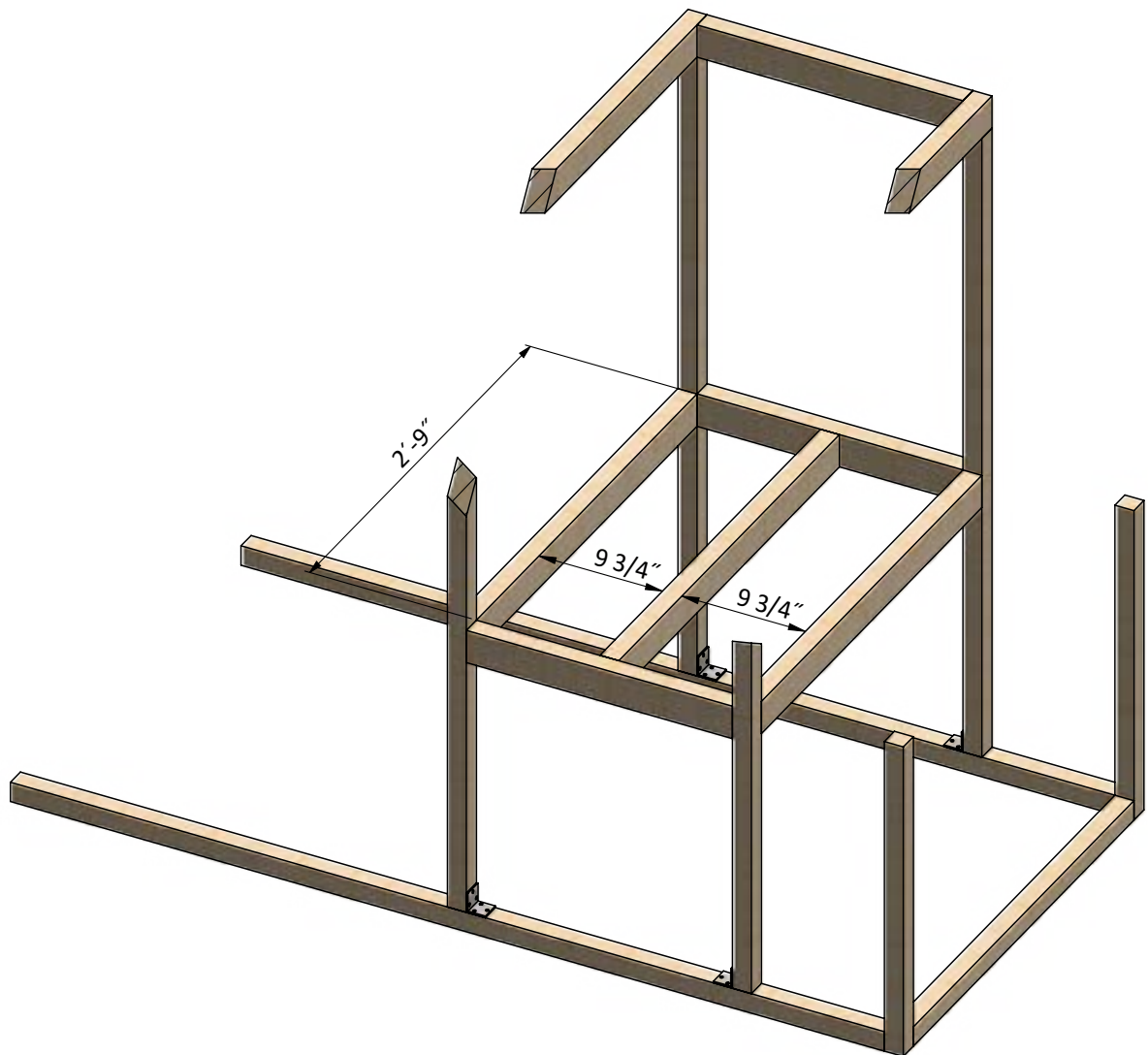
STEP 2

Assemble The Floor Frame

2.1 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 2'-9".

2.2 Connect the beams with 5" wood screws.

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



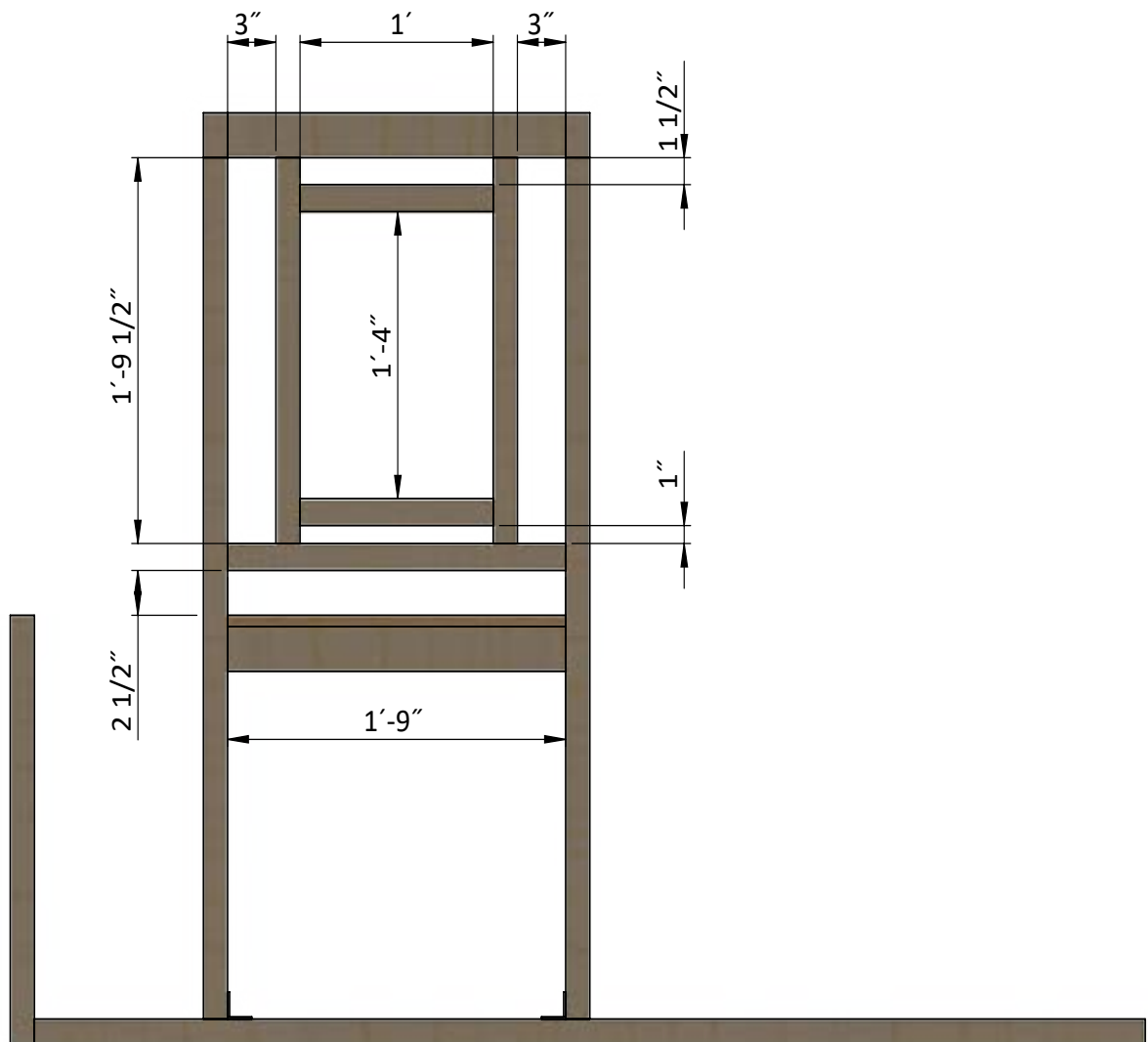
STEP 3

Assemble 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 two boards cut to 1'-9 1/2" 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.

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°.



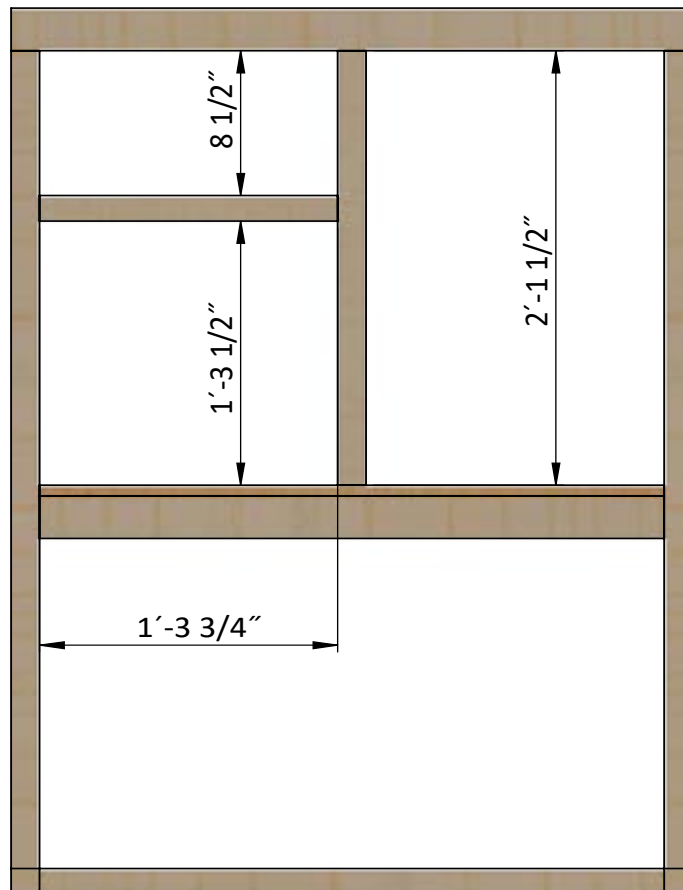
STEP 4

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 one board cut to 2'-1 1/2" that will be stud and one board cut to 1'-3 3/4" that will chicken door 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°.



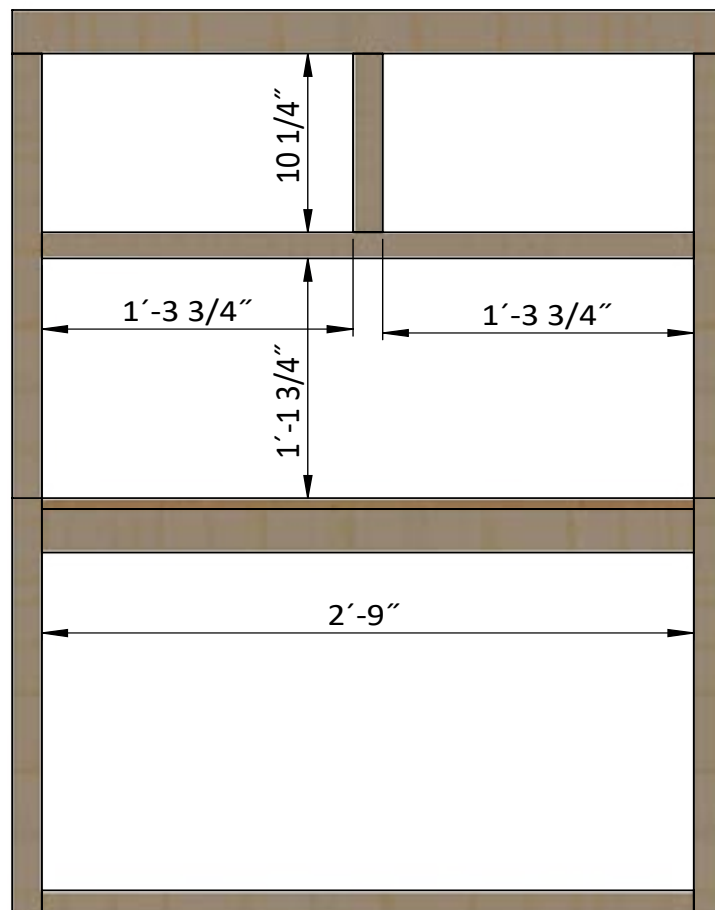
STEP 5

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 10 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

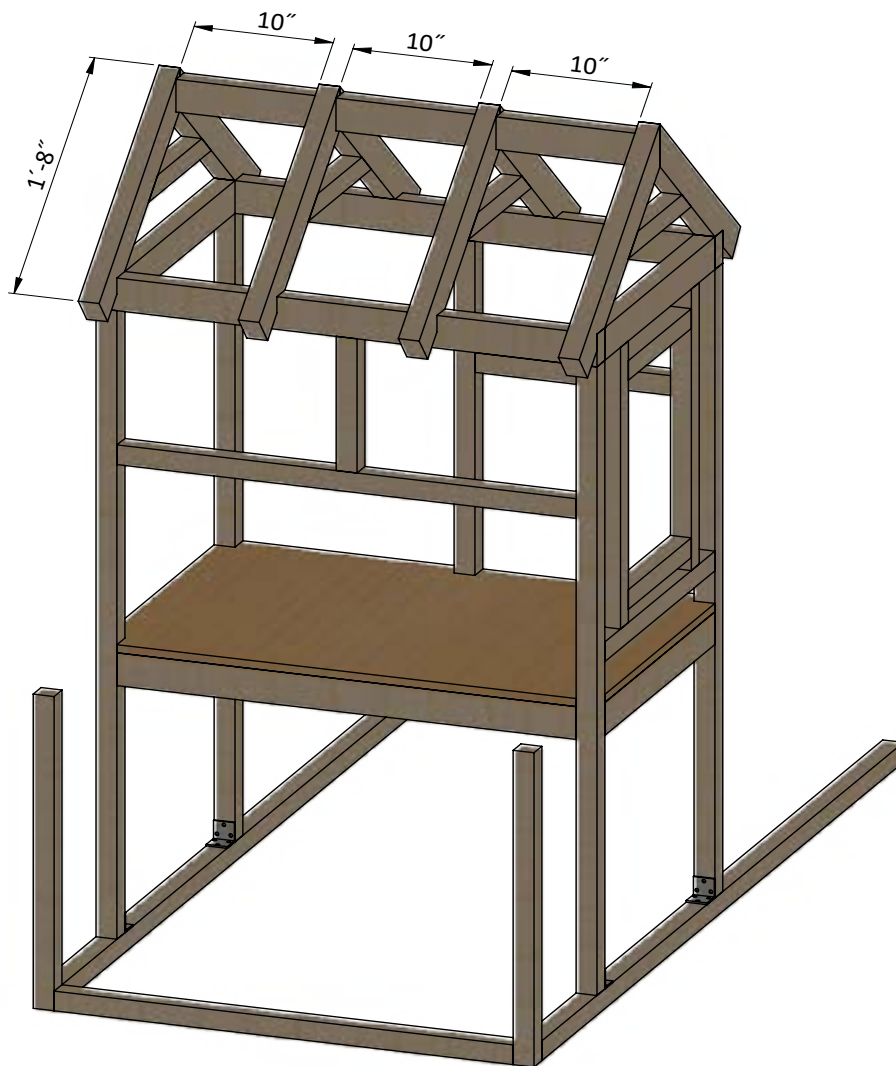
Assemble the Roof Frame

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

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

6.3 Using 1 1/2" x 2 1/2" pressure-treated board, cut three boards 10" long that will be ridge boards according the illustration below.

6.4 Connect the beams with 3" wood screws.



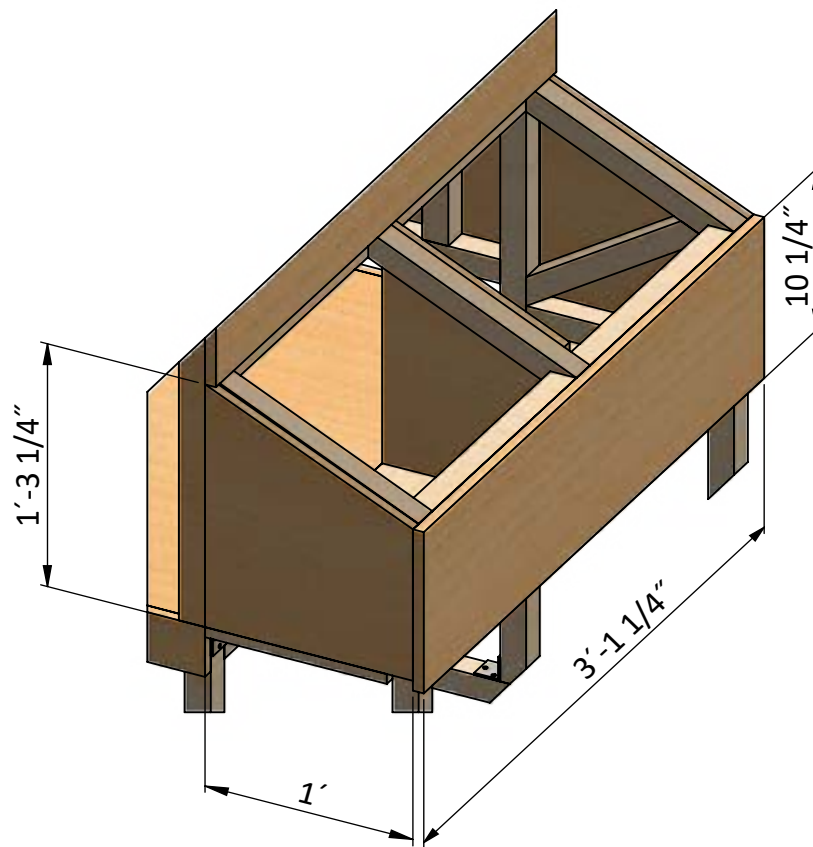
STEP 7

Install Plywood for the Nesting Box

7.1 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.

7.2 Secure the plywood with 2" wood screws.

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

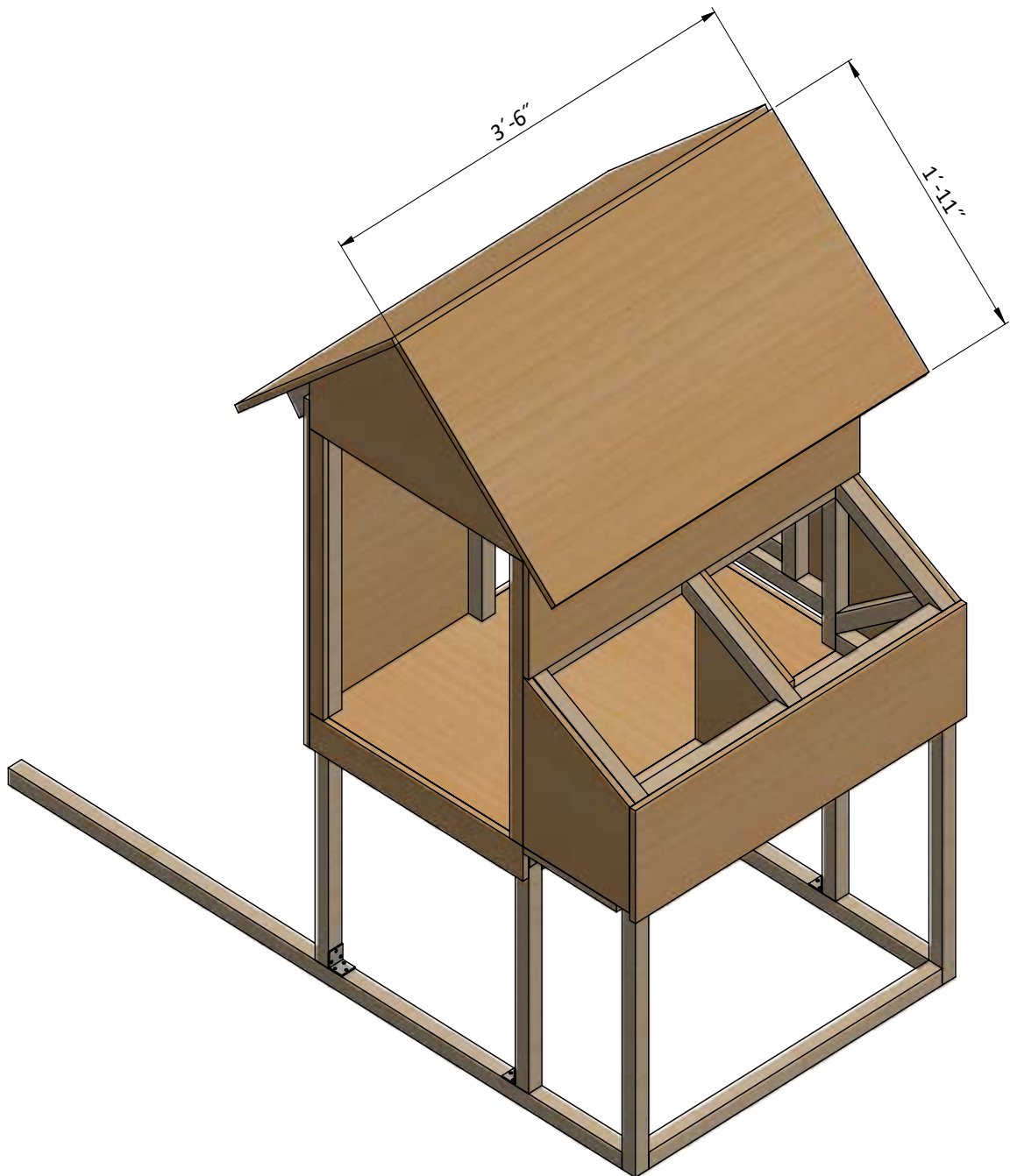


STEP 8

Install Plywood for the Roof

8.1 Cut sheet of 5/8" plywood for the roof sheathing using the drawing below as a guide. You will need two 1'-11" x 3'-6" sheets.

8.2 Secure the plywood with 2" wood screws.



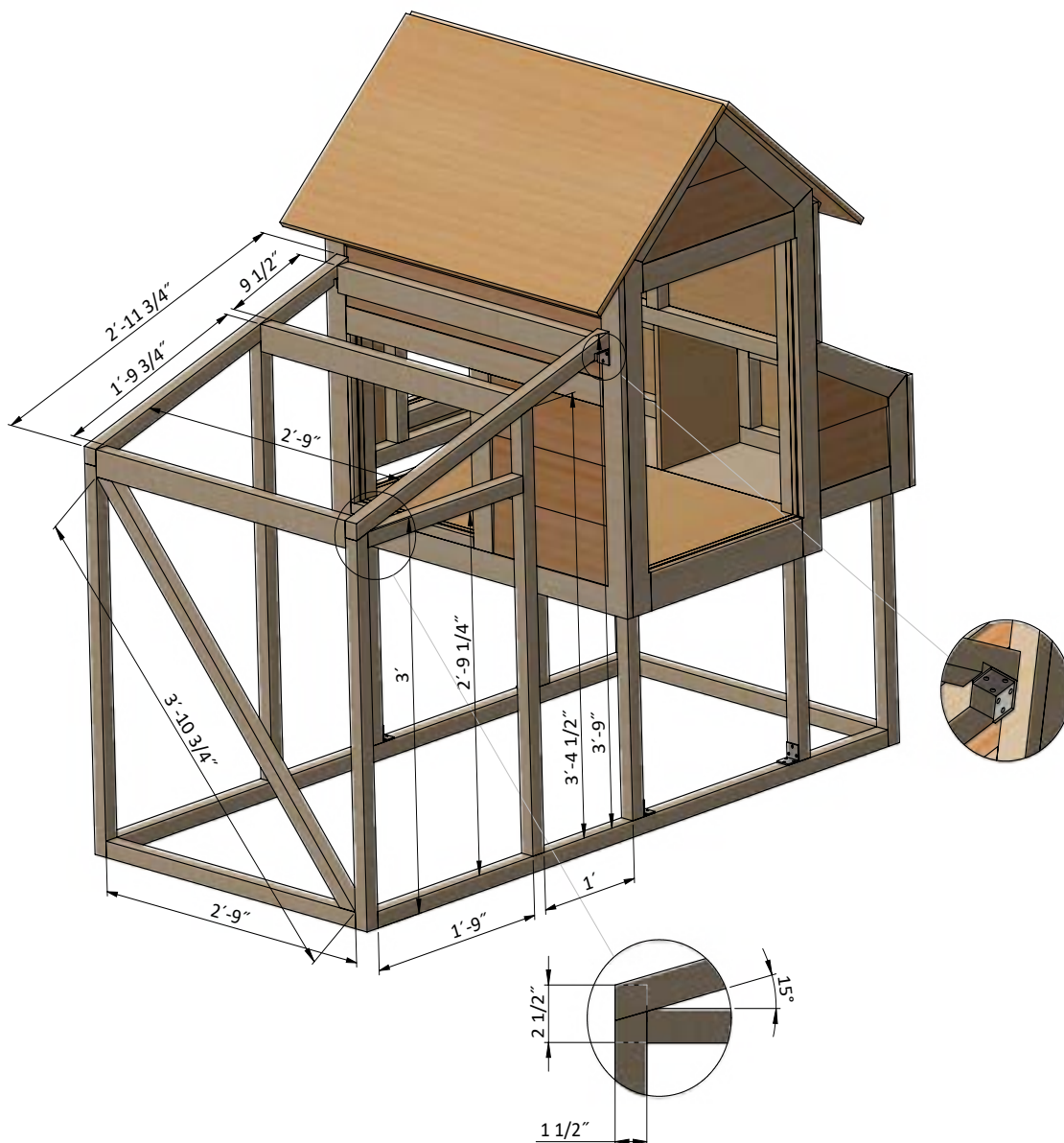
STEP 9

Assemble The Aviary Frame

9.1 Assemble the aviary frame using 1 1/2" x 1 1/2" and 1 1/2" x 2 1/2" pressure-treated lumber. You will need two boards cut to 2'-11 3/4" that will be top plates, three boards cut to 2'-9" that will be joists, two boards cut to 3' and two boards cut to 3'-4 1/2" that will be the studs, one board cut to 3'-10 3/4" that will be cross brace and one board cut to 1'-9" that will be the aviary door header.

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.



STEP 10

Install Plywood for the Aviary

10.1 Cut sheet of 5/8" plywood for the roof sheathing using the drawing below as a guide. You will need one 3'-2" x 3'-2" sheet.

10.2 Secure the plywood with 2" wood screws.



STEP 26

Assemble and Install Front Door

26.1 Build the door frame using $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to $2'-1\frac{1}{4}"$ that will be the vertical girts, two boards cut to $1'-3\frac{3}{4}"$ that will be the horizontal girts and one board cut to $2'-1\frac{3}{4}"$ that will be cross brace.

26.2 Prepare the $\frac{5}{8}$ " plywood sheet with dimensions $1'-8\frac{3}{4}"$ x $2'-1\frac{1}{4}"$ for the door according to the drawing.

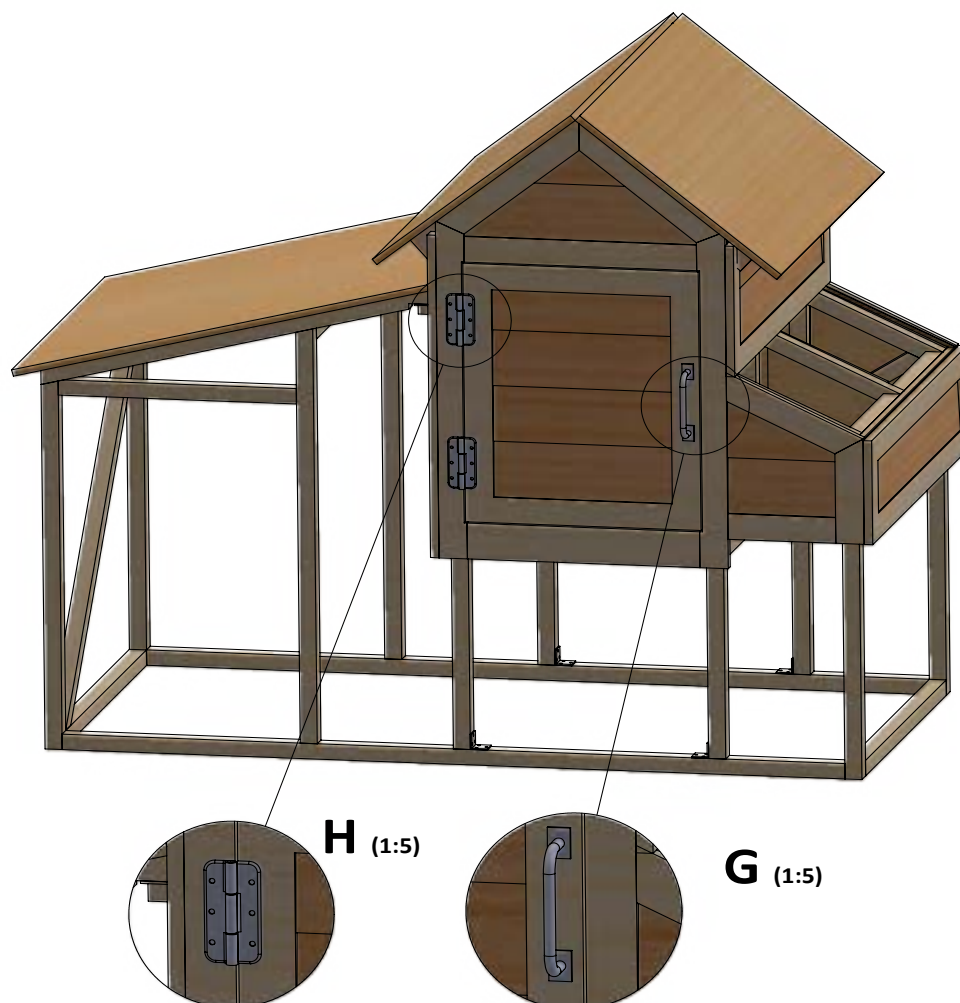
26.3 Use $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to $1'-3\frac{3}{4}"$ and two boards cut to $2'-1\frac{1}{4}"$.

26.4 Using $\frac{1}{4}$ " x $\frac{3}{4}$ " pressure-treated lumber, cut and install a starter course $1'-3\frac{3}{4}"$ long using node E on page 32 as a reference.

26.5 For the exterior siding on the door, use $\frac{1}{2}$ " x 6" wood siding boards and the illustration as a reference.

26.6 Assemble siding shields with 2" galvanized nails.

26.7 Install two 5" door hinges using 6x1" wood screws. Finish the door installation by attaching 8" door pull (see nodes **G**, **H**).



STEP 27

Assemble and Install Window

27.1 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 1/2" that will be the vertical girts. Cut the recesses in each beam for splicing and mill a recess for the glass.

27.2 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.

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



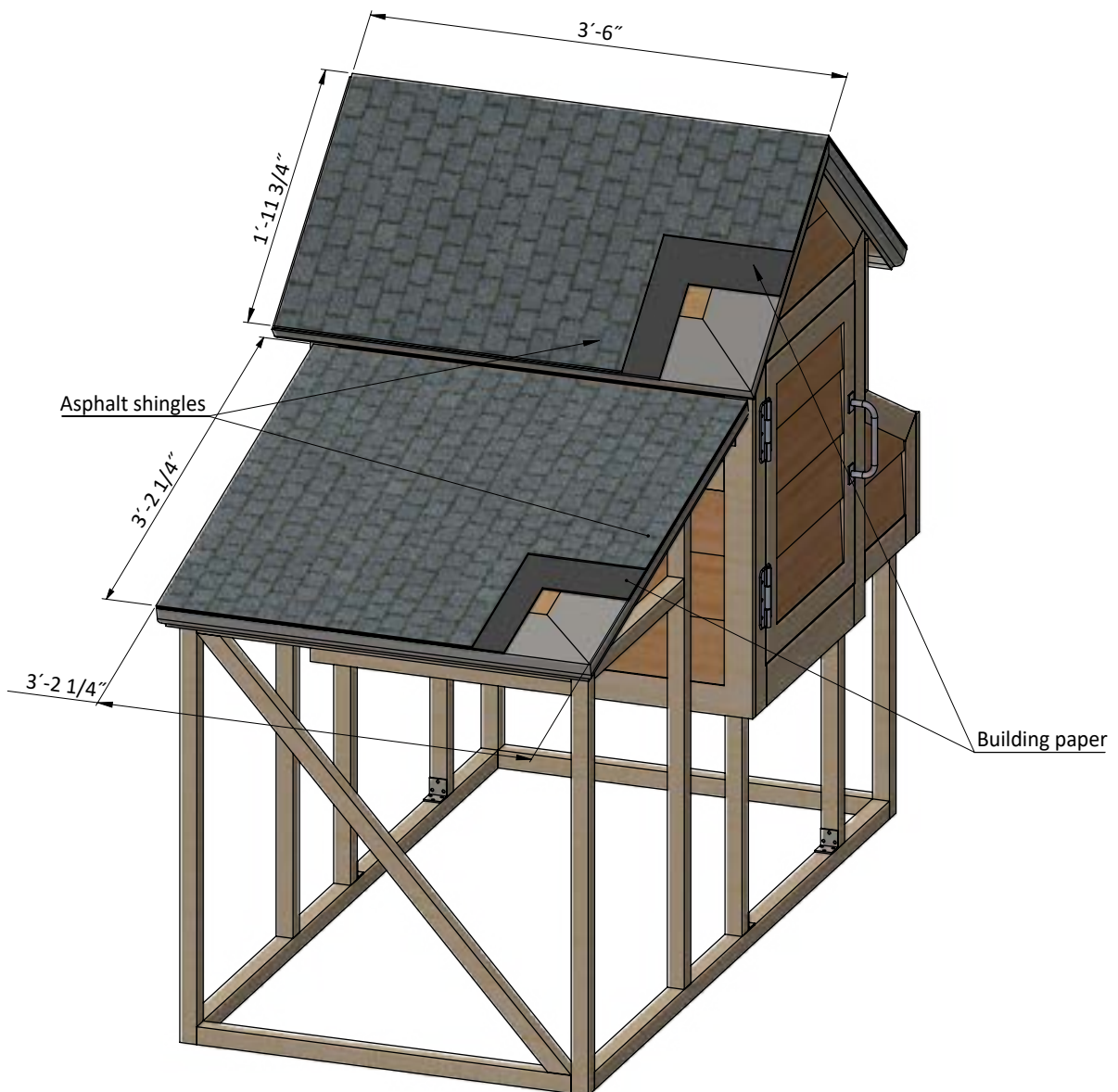
STEP 30

Coop's Roof Sheathing Installation

30.1 You will need 24 Sq Ft of building paper and asphalt shingle r

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

30.3 Install asphalt shingle r trial stapler.



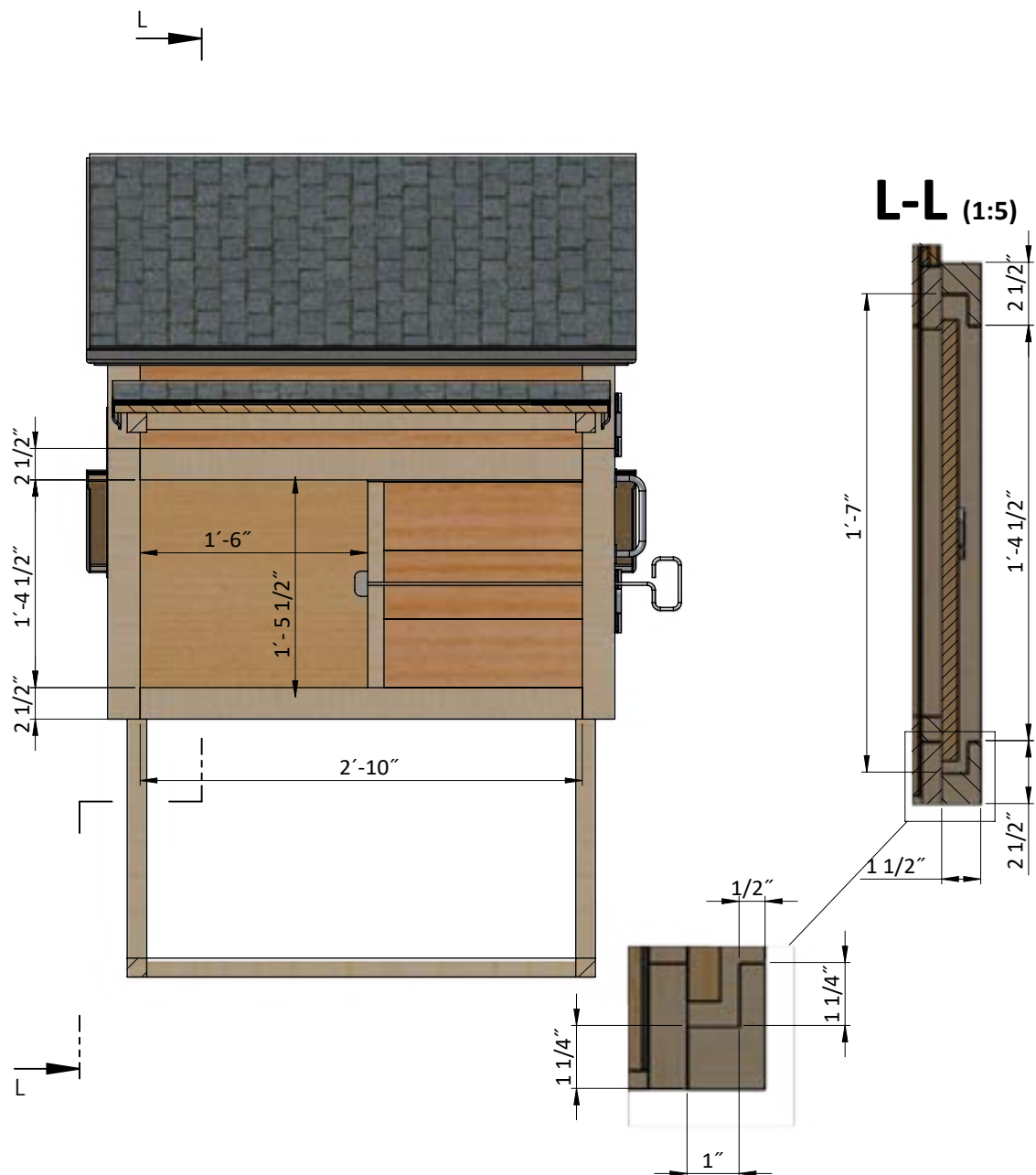
STEP 32

Assemble the Chicken Door

32.1 Prepare the 5/8" plywood sheet with dimensions 1'-5 1/2" x 1'-6" for the chicken door according to the drawing.

32.2 Use 1 1/2" x 2 1/2" pressure-treated lumber to cut and install the chicken door trims. Use the illustration as a reference. You will need two boards cut to 2'-10" that will be horizontal girt and two boards cut to 1'-9 1/2" that will be vertical girt. Cut the recesses in the horizontal girts to allow chicken door sliding.

32.3 Install two 2" door hinges using 1" wood screws. Finish the door installation by attaching 4" surface bolt.



STEP 37

Assemble The Litter Tray

37.1 Prepare the litter tray using $3/4"$ x $1\ 1/2"$ and $3/4"$ x $2\ 1/2"$ pressure-treated lumber and $5/8"$ plywood. You will need two boards cut to $2'-9"$, one board cut to $1'-6\ 1/2"$ and one board cut to $1'-8\ 3/4"$. Assemble the frame and put the $1'-8\ 3/4"$ x $2'-9"$ plywood sheet on top. Finish the tray installation by attaching a $6"$ door pull.

37.2 Connect the beams and plywood with $2"$ wood screws.

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



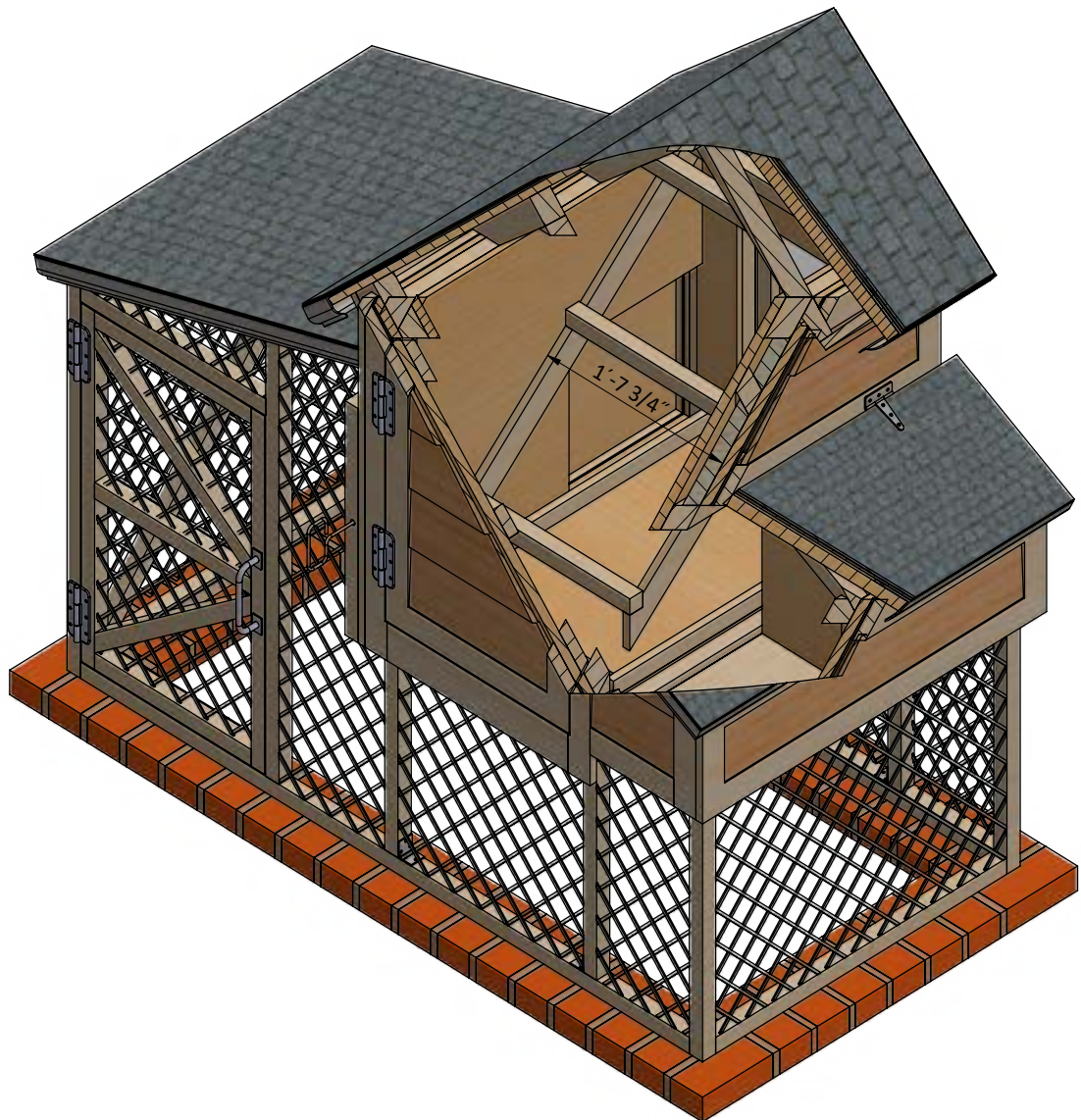
STEP 38

Assemble The Roost

38.1 Assemble the roost using $1\frac{1}{2}$ " x $1\frac{1}{2}$ " and $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated lumber. You will need two boards cut to $3'-1\frac{1}{2}$ " and three boards cut to $1'-7\frac{3}{4}$ ".

38.2 Connect the beams with 2" wood screws.

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



STEP 39

Assemble The Chicken Ladder

39.1 Assemble the ladder using $\frac{3}{4}$ "x $\frac{3}{4}$ ", $\frac{3}{4}$ " x $1\frac{1}{2}$ " and $\frac{3}{4}$ " x $5\frac{1}{2}$ " pressure-treated lumber. You will need one board cut to 1', two boards cut to 3' and three boards cut to 11".

39.2 Connect the beams with 2" wood screws.

39.3 Install the roost at the studs with the help of 2" screws.



STEP 41

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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	Free plan	Premium edition
Pages	23	63
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Step By Step Instructions	✓	✓
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Tools List	✗	✓
Fastening Elements List	✗	✓
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