



7'x8' Chicken Coop Plan

Up to 10 chickens



Compare Free vs. Premium plan

| | Free plan | Premium edition |
|----------------------------------|-----------|-----------------|
| Pages | 13 | 31 |
| 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'x8' 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

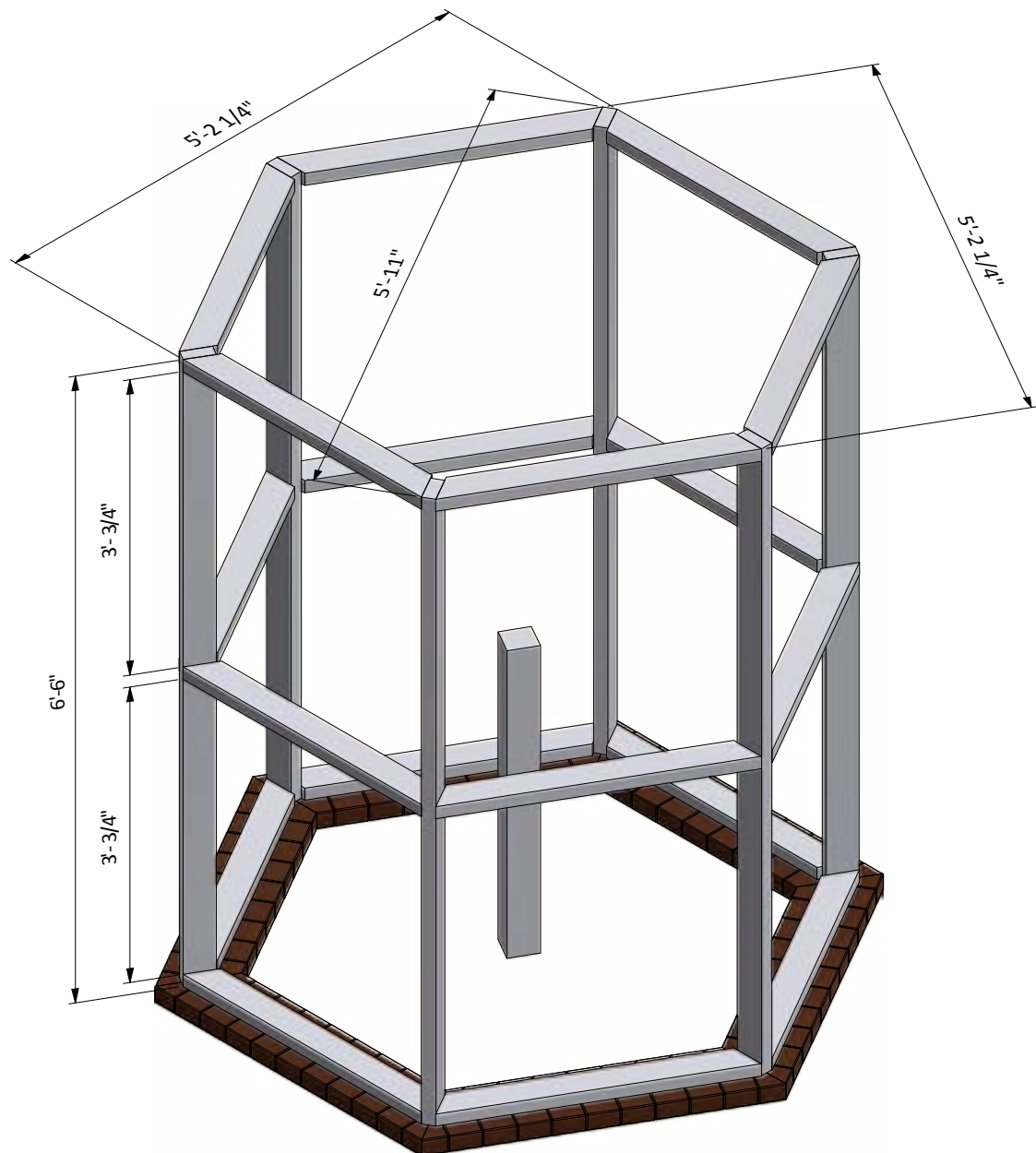
STEP 1

Assemble the Main Frame

1.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, install the main frame using the drawing below as a reference. You will need six boards cut to 6'-6" that will be studs and eighteen boards cut to 2'-10 1/4" that will be top, middle and bottom beams. Cut the corners of horizontal beams to connect them with studs according to the drawing on next page.

1.2 Secure the beams to the studs with the help of 3" wood screws.

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



STEP 2

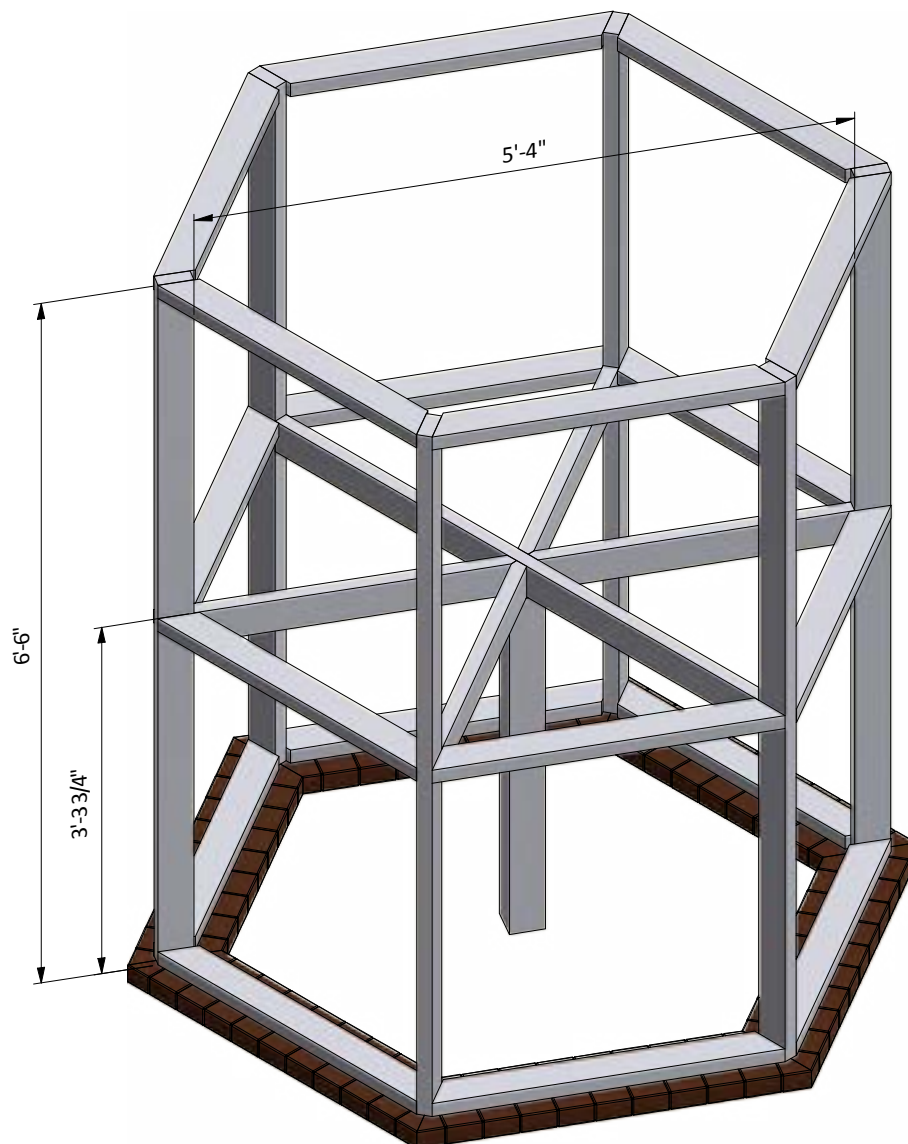
Framing the Coop's Floor

2.1 Assemble the frame using 1 1/2" x 3 1/2" pressure-treated lumber.

You will need one board cut to 5'-4" and four boards cut to 2'-7 1/2". Cut the edges of short beams to connect them in the center according to the drawing on next page.

2.2 Secure the beams to the main studs and middle stud with 3" wood screws.

2.3 Using a speed square or carpenter's square, check the horizontality of the beams.



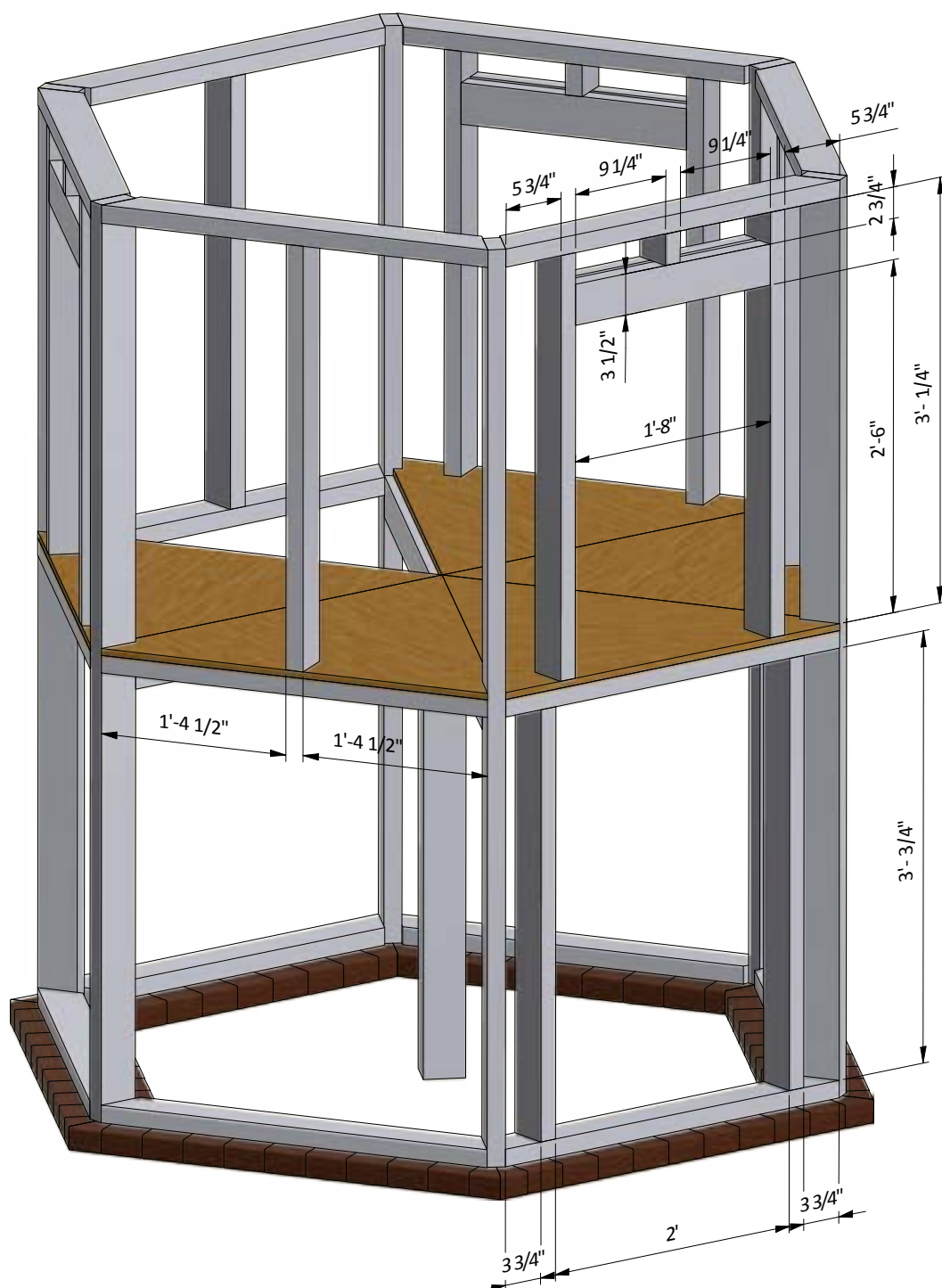
STEP 3

Assemble the Wall Frames

3.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct side wall door frames using the drawing below as a reference. Need to assemble three door frames. You will need six boards cut to 3'-1/4" that will be the studs, six boards cut to 1'-8" that will be door header and three boards cut to 2 3/4" that will be the cripple studs.

3.2 Using 1 1/2" x 3 1/2" pressure-treated lumber, cut three studs 3'-1/4" long for the top level and two studs 3'-3/4" long for the bottom level according the illustration below.

3.3 Connect the beams with 3" and 5" wood screws.



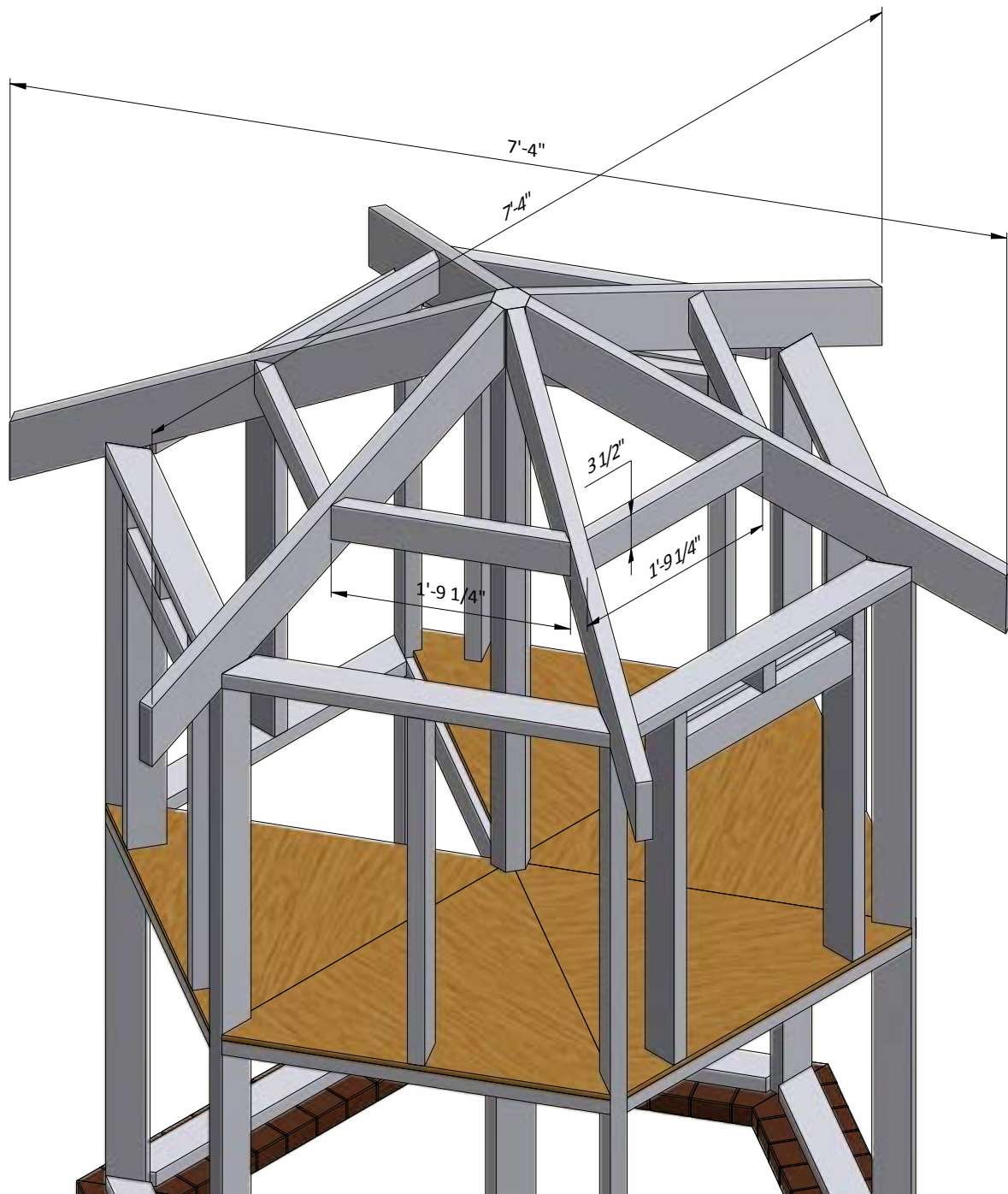
STEP 4

Assemble the Roof Frame

4.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut six rafters 4'-1 3/4" long according to the dimensions in drawings below.

4.2 Using 1 1/2" x 3 1/2" pressure-treated lumber, cut six purlins 1'-9 1/4" long according to the dimensions in drawings below. Install them between rafters all around.

4.3 Using 3 1/2" x 3 1/2" pressure-treated lumber, cut one middle stud 4'-10 3/4" long according to the dimensions in drawings below. Provide edge cuttings to form a hexagon (see node A on page 17) to connect rafters on the top point.



STEP 5

Coop's Roof Sheathing Installation

5.1 You will need 48 Sq Ft of asphalt shingle roofing.

5.2 Install asphalt shingle roofing using an industrial stapler.



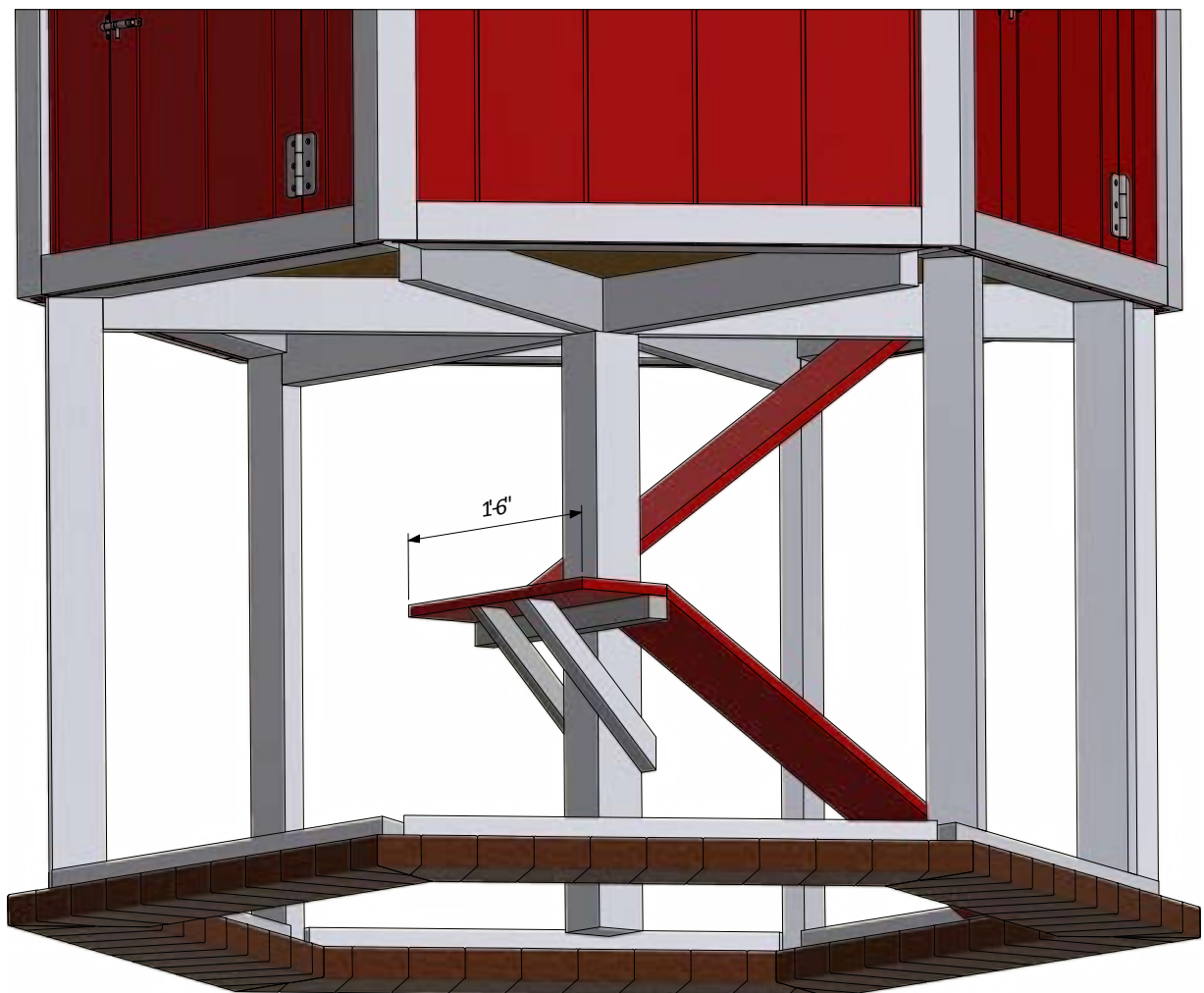
STEP 6

Assemble The Chicken Ladder

6.1 Assemble the ladder using 1 1/2" x 1 1/2" and 3/4" x 5 1/2" pressure-treated material. You will need two boards cut to 1'-2 1/2" and one board cut to 1'-6" that will be girts, one board cut to 2'-10 3/4", one board cut 1'-6" and one board cut to 3'-1 1/2" that will be planes.

6.2 Connect the beams with 2" and 3" wood screws.

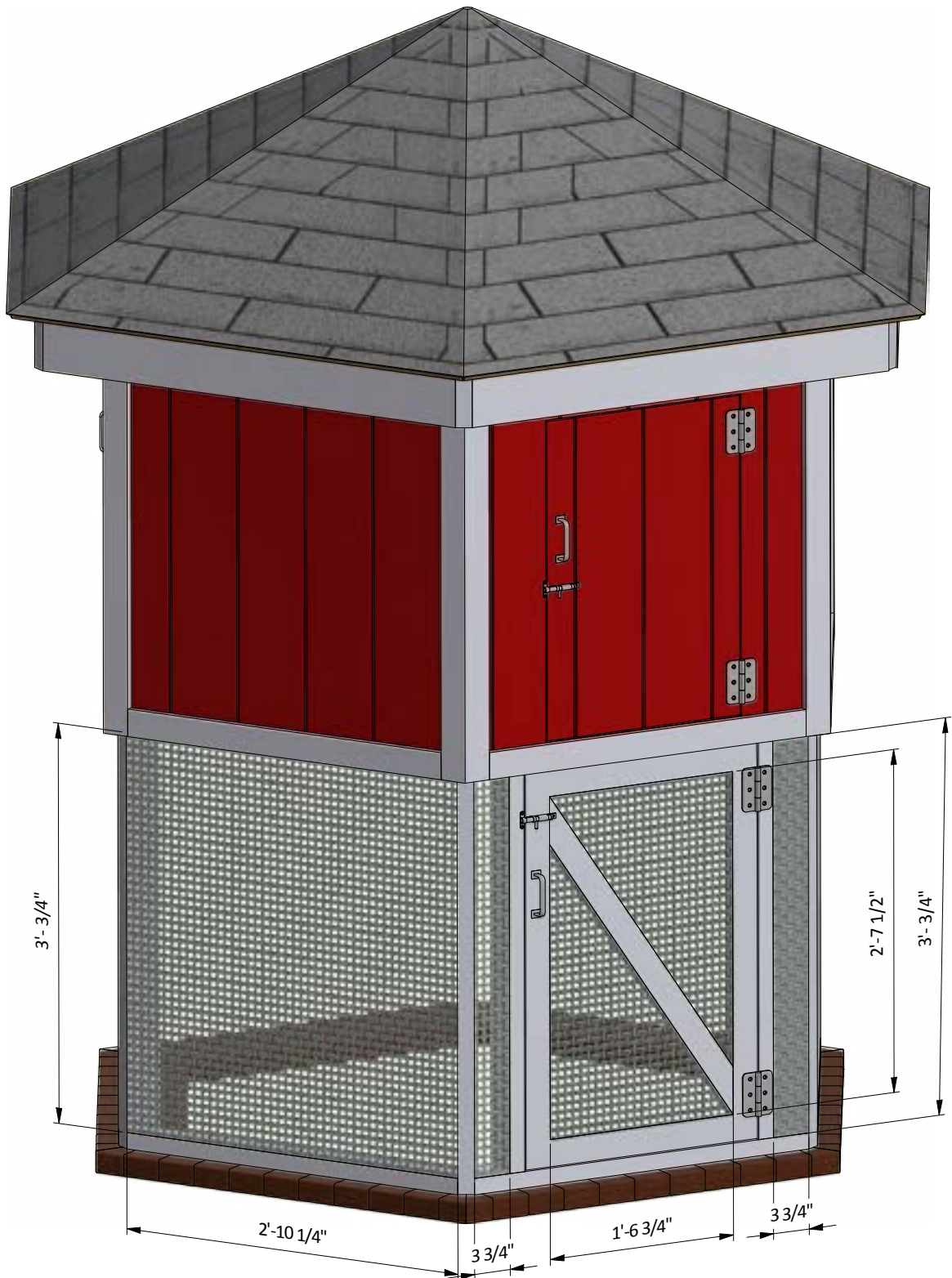
6.3 Install the roost at the studs with the help of 2" screws.



STEP 7

Mesh Wall Installation

7.1 Cover the walls with 1/4" wire mesh with the help of industrial stapler. You will need 50 sq ft.



STEP 8

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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