3´x5´ Chicken Coop Plan

Up to 6 chickens

Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	21	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	❌	✅

TRY PREMIUM

3´x5´ 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

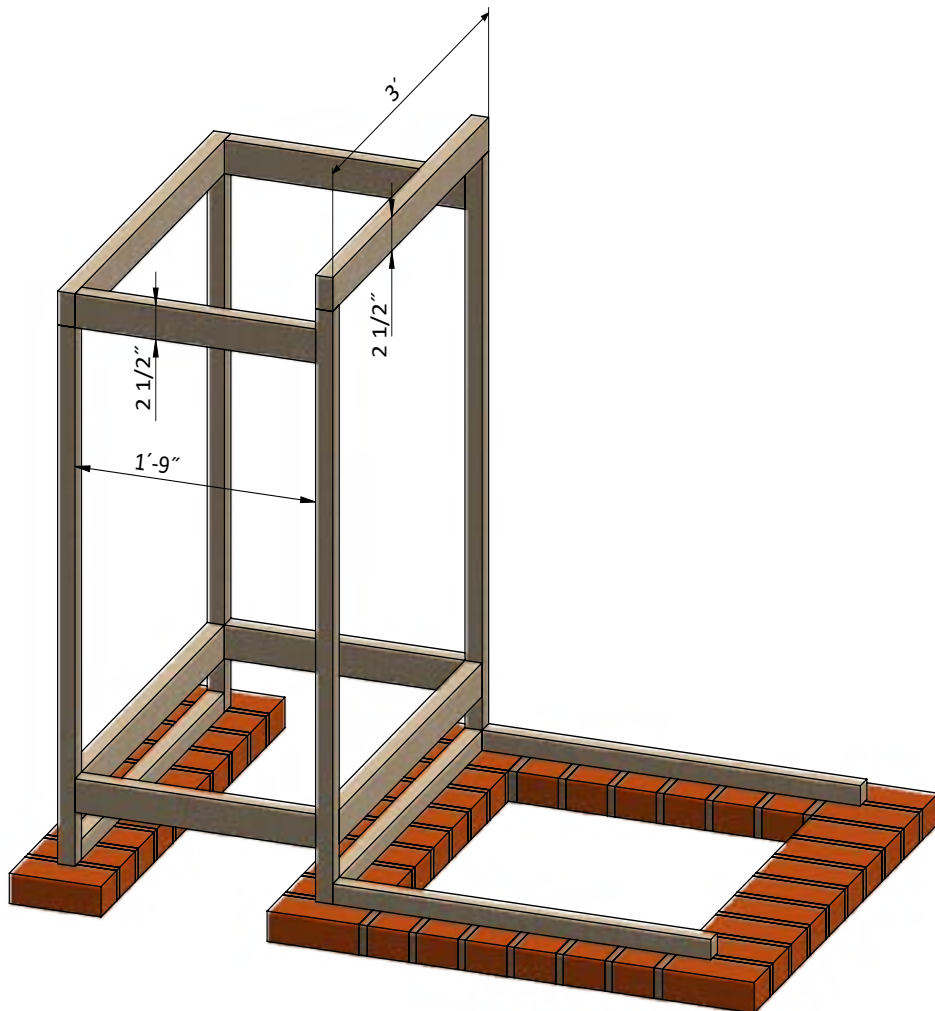- Corner braces
- Galvanized nails
- Wood screws

Assemble The Top Plates

1.1 Assemble the top plates using 1 1/2″ x 2 1/2″ pressure-treated lumber.
You will need two boards cut to 1′-9″ and two boards cut to 3′.

1.2 Connect the beams with 3″ wood screws.

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

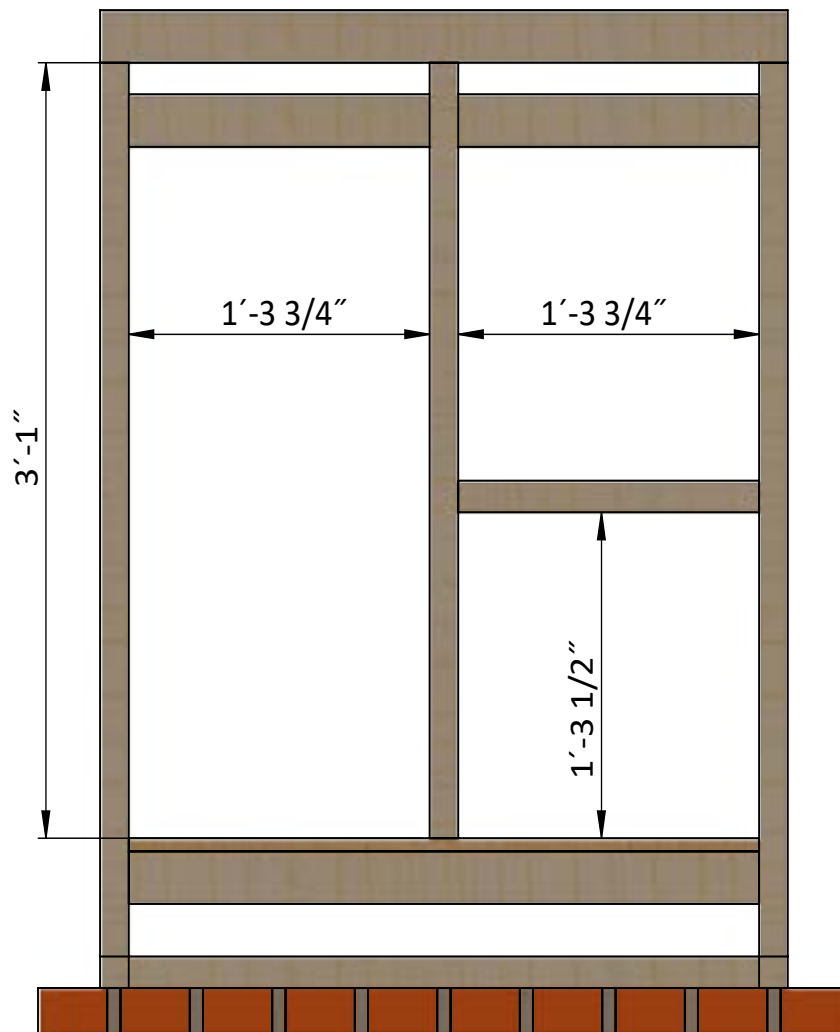## Assemble Back Side Wall Frame

2.1 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 one board cut to 3′-1″ that will be stud and one board cut to 1′-3 3/4″ that will be chicken door header.

2.2 Connect the beams with 2x3″ wood screws.

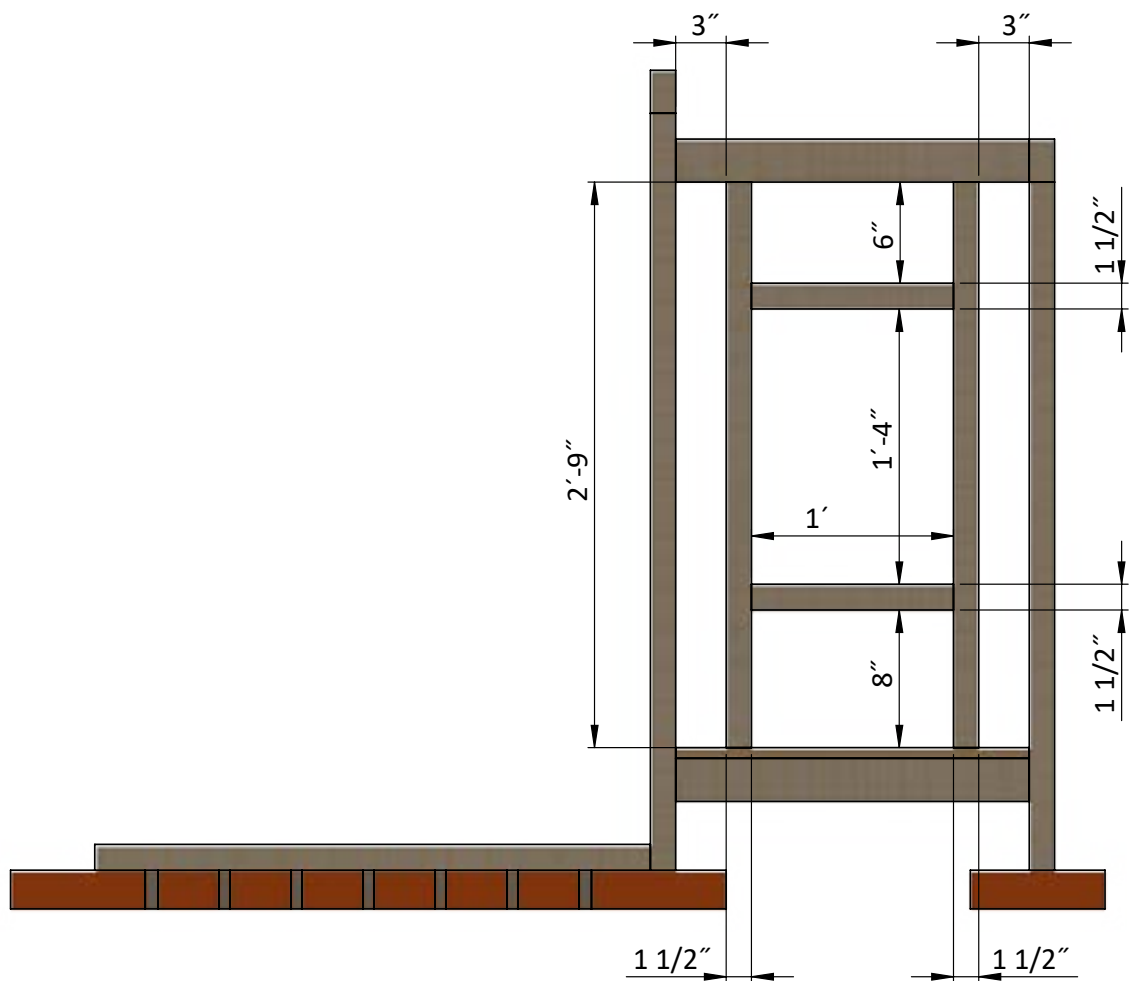**2.3** Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Assemble Left Side Wall Frame

3.1 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 two boards cut to 2′-9″ that will be studs, one board cut to 1′ that will be rough sill and one board cut to 1′ that will window header.

3.2 Connect the beams with 3″ and 5″ wood screws.

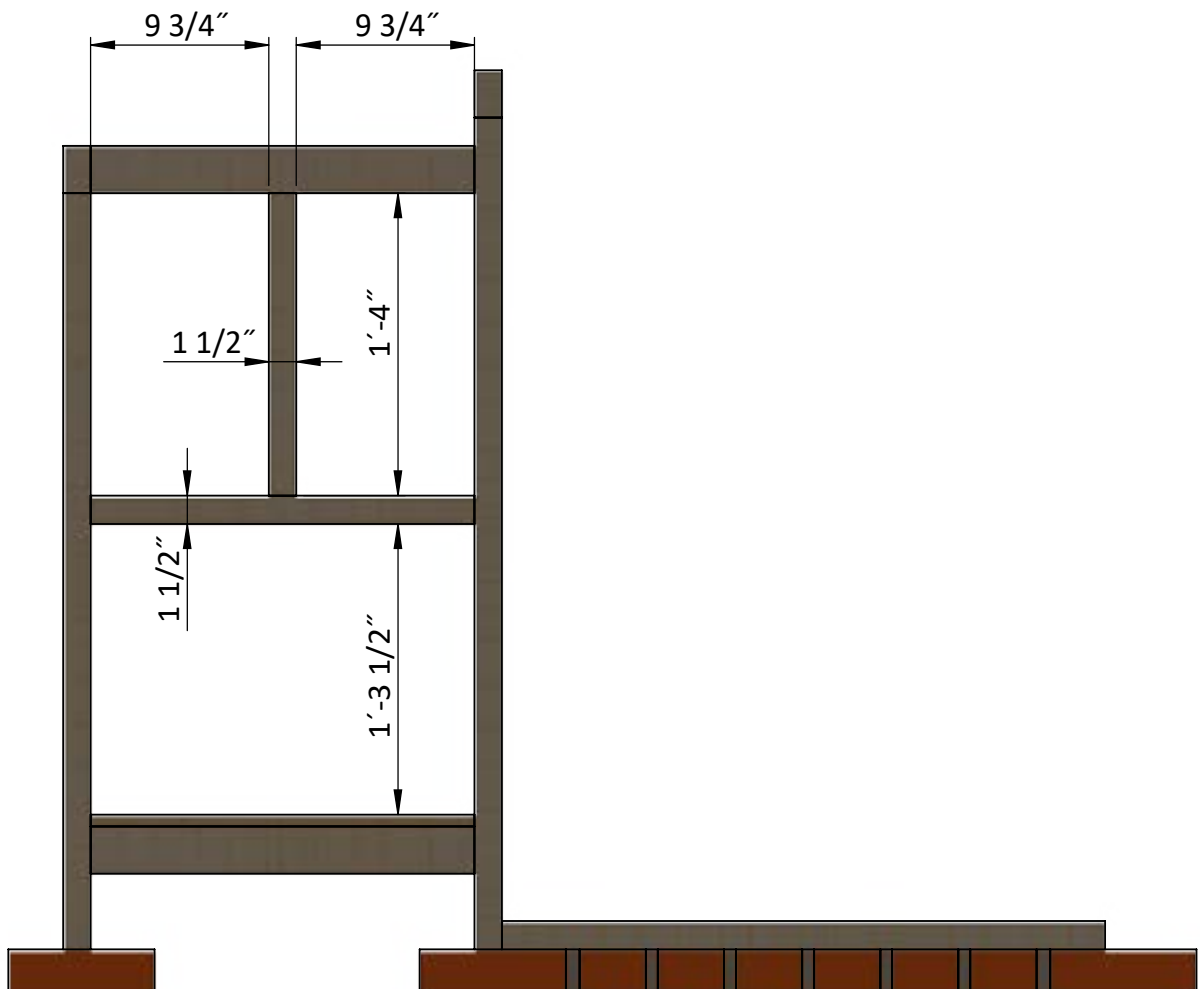**3.3** Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Assemble Right Side Wall Frame

4.1 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 1′-4″ that will be stud and one board cut to 1′-9″ that will be bottom plate.

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°.

Assemble Front Side Wall Frame

5.1 Using 1 1/2″ x 1 1/2″ pressure-treated lumber, construct front side wall frame using the drawing below as a reference. You will need one board cut to 2′-9″ that will be bottom plate.

5.2 Connect the beams with 3″ and 5″ wood screws.

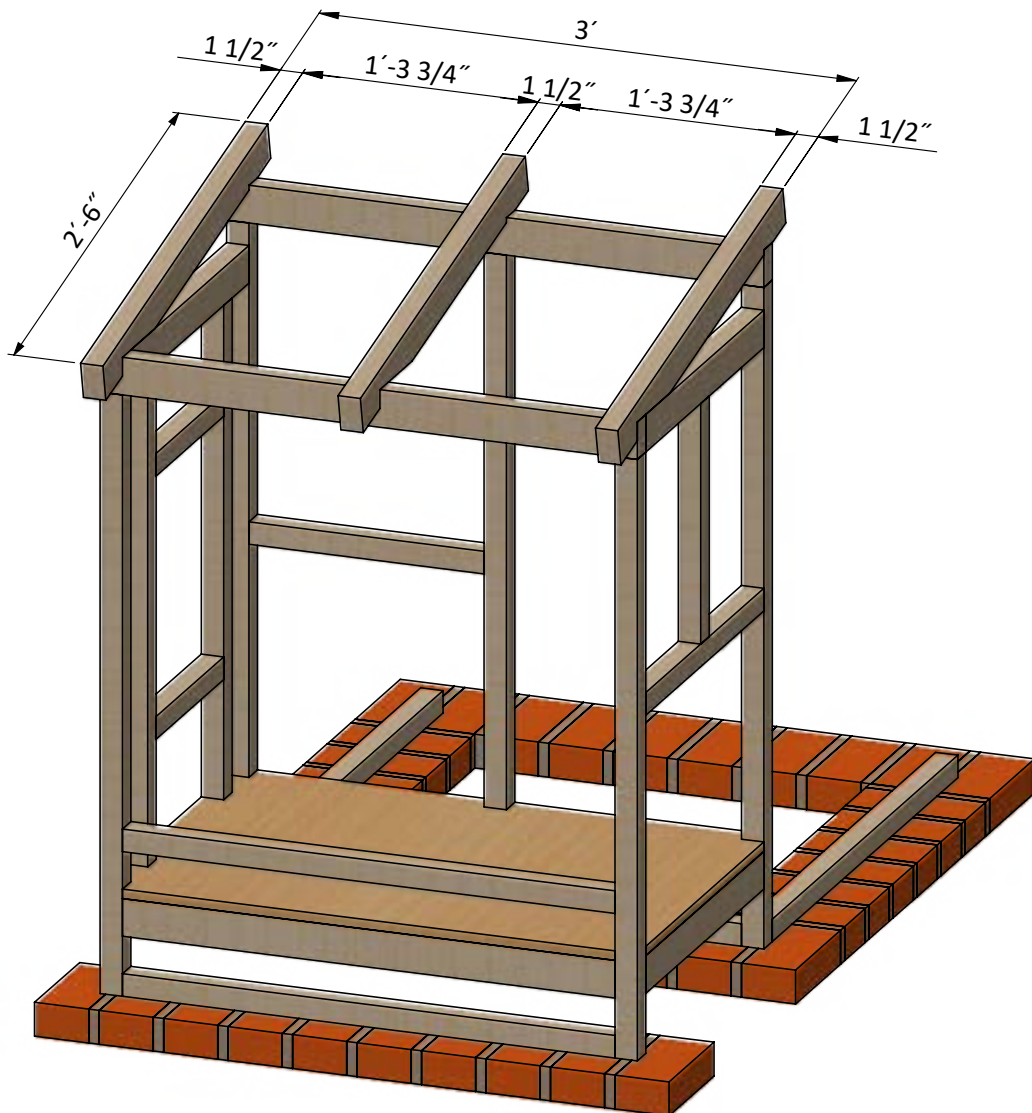**5.3** Using a speed square or carpenter's square, check the corners to make sure they are 90°.
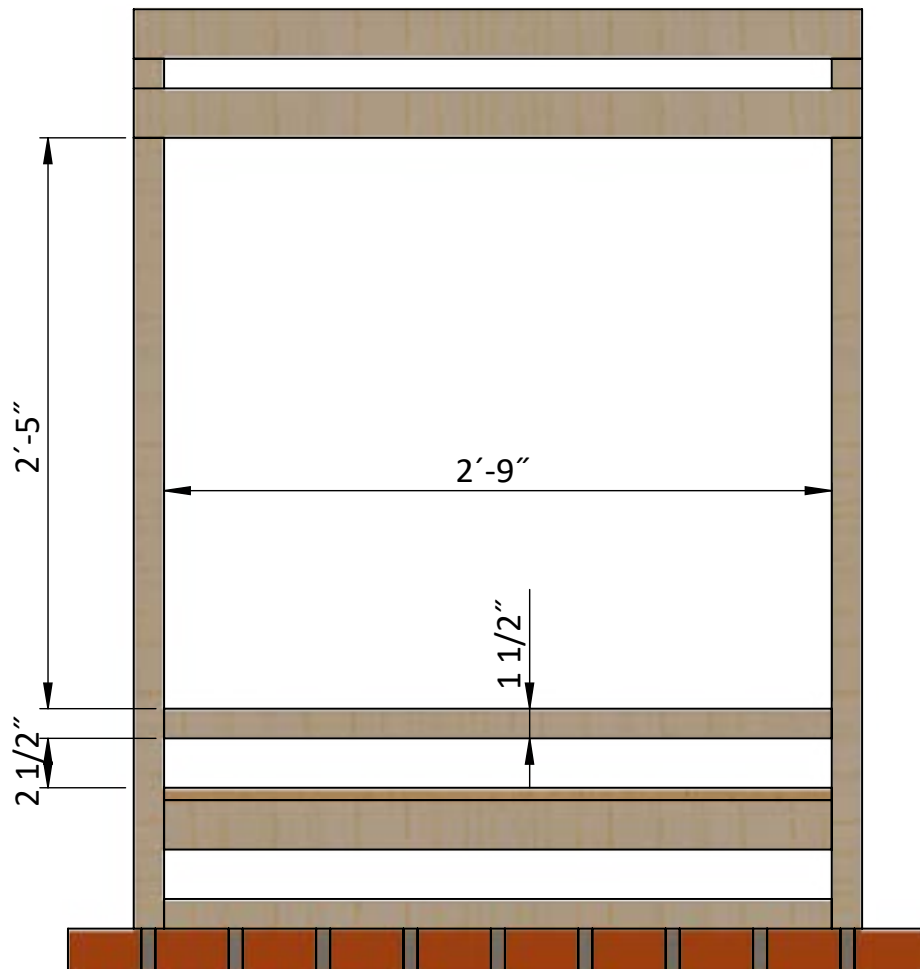
Assemble the Roof Frame

6.1 Using 1 1/2″ x 2 1/2″ pressure-treated lumber, cut three ra ters 2'-6″ long according to the dimensions in drawings below.

**6.2** Connect the beams with 3″ wood screws.

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 11 1/4˝ x 2´-1 1/4˝ sheet for the front, one 1´-3/4˝ x 2´-1 1/4˝ sheet for the bo om and three 1´ x 1´-5˝ 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.
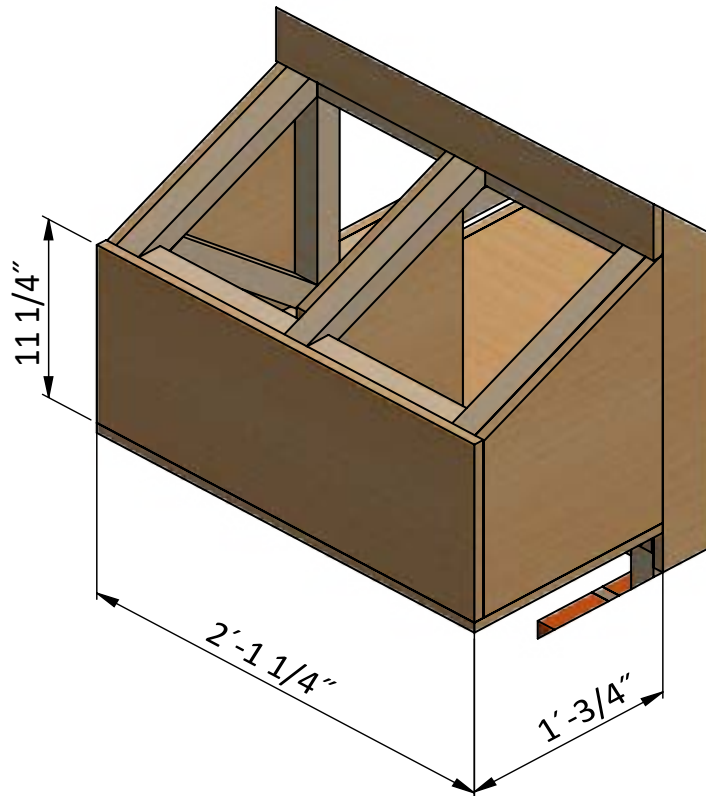
Assemble the Aviary Frame

8.1 Assemble the aviaty frame using 1 1/2″ x 1 1/2″ pressure-treated lumber. You will need two boards cut to 2′-9″ that will be top plates, four boards cut to 2′-9″ that will be the joists, two boards cut to 2′-10 1/2″ that will be studs, one board cut to 3′-10 3/4″ that will be cross brace and two boards cut to 2′-9″ that will be studs.

8.2 Connect the beams with 5″ wood screws.

8.3 Install two 1 1/2″ x 1 1/2″ corner brackets with help of 1″ screws.

8.4 Using a speed square or carpenter's square, check the cormers to make sure they are 90°.
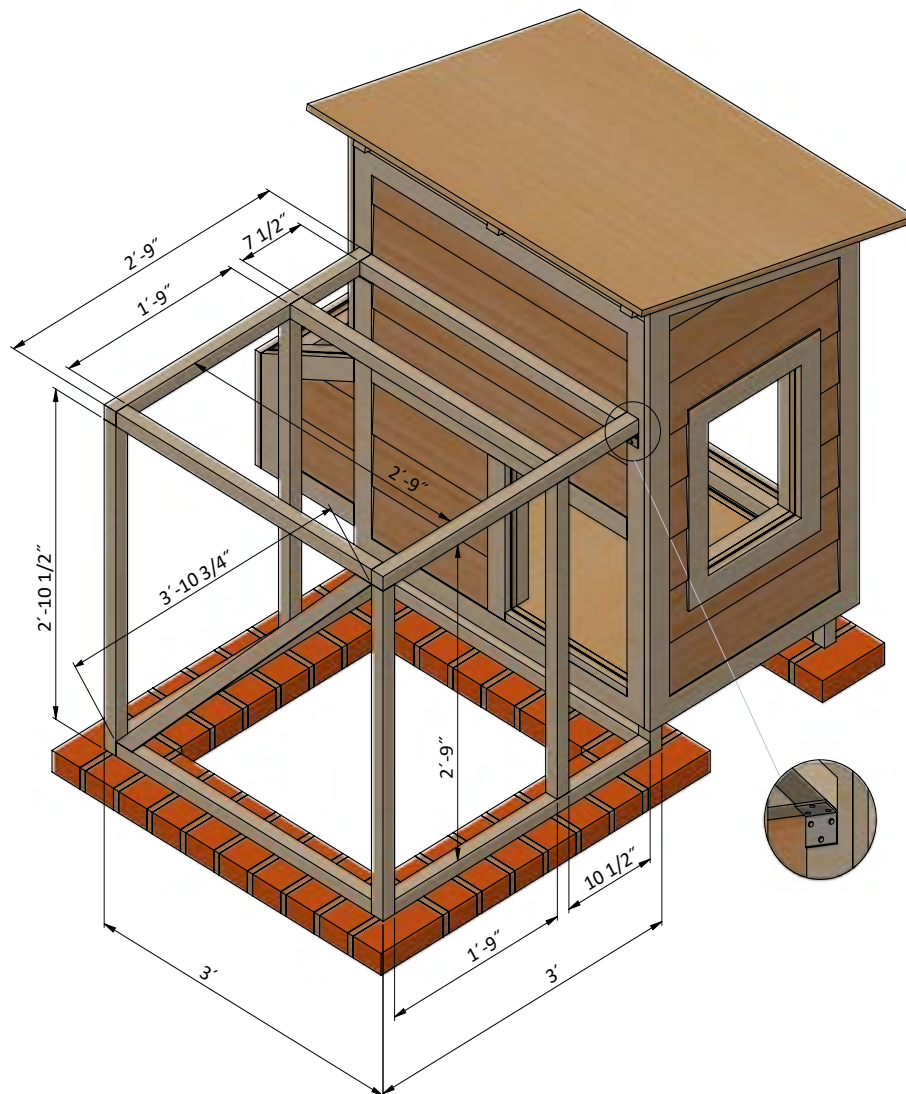
Assemble and Install Front Door

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

**9.2** Prepare the 5/8″ plywood sheet with dimensions 1′-4 1/4″ x 2′-4 3/4″ 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 2′-4 3/4″ and two boards cut to 11 1/4″.

9.4 Using 1/4″ x 3/4″ pressure-treated lumber, cut and install a starter course 11 1/4″ long using node E on page 33 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 5″ door hinges using 6x1″ wood screws.
Finish the doors installation by attaching 8″ door pull (see nodes **G, H**).

G (1:5)

H (1:5)
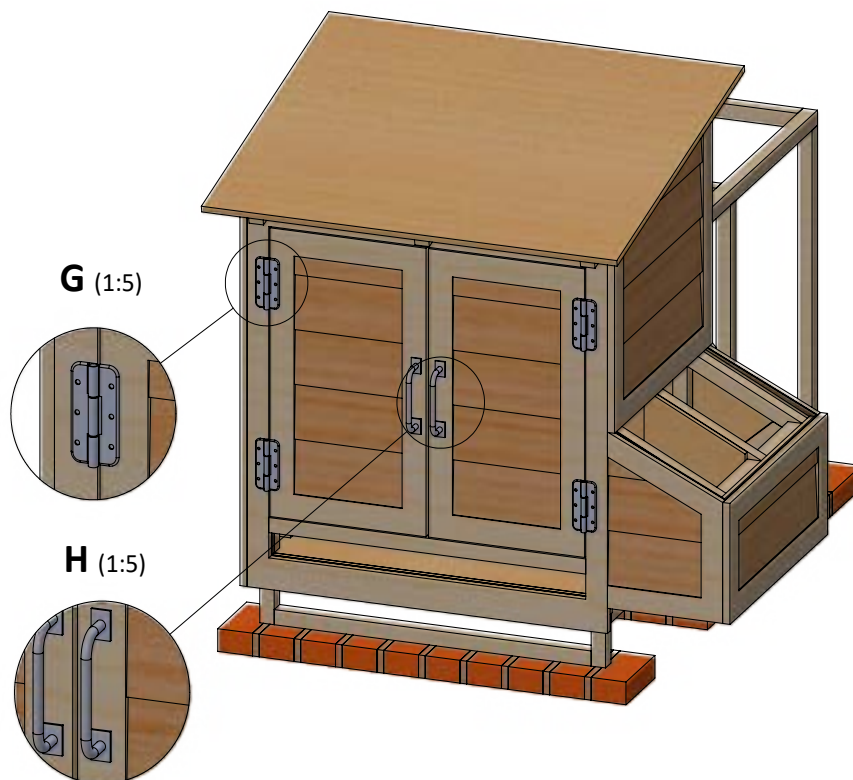
Assemble and Install Window

10.1 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 ver   al girts. Cut the recesses in each beam for splicing connec
mill a recess for the glass.

10.2 Prepare and install 9 1/4″ x 1´-1 1/2″ glass into inner frame groove and fasten it by window beading from four sides. Use 1/2″ galvanized nails.

10.3 Insert window into wall openings and connect them with 3″ wood screws to the wall beams.
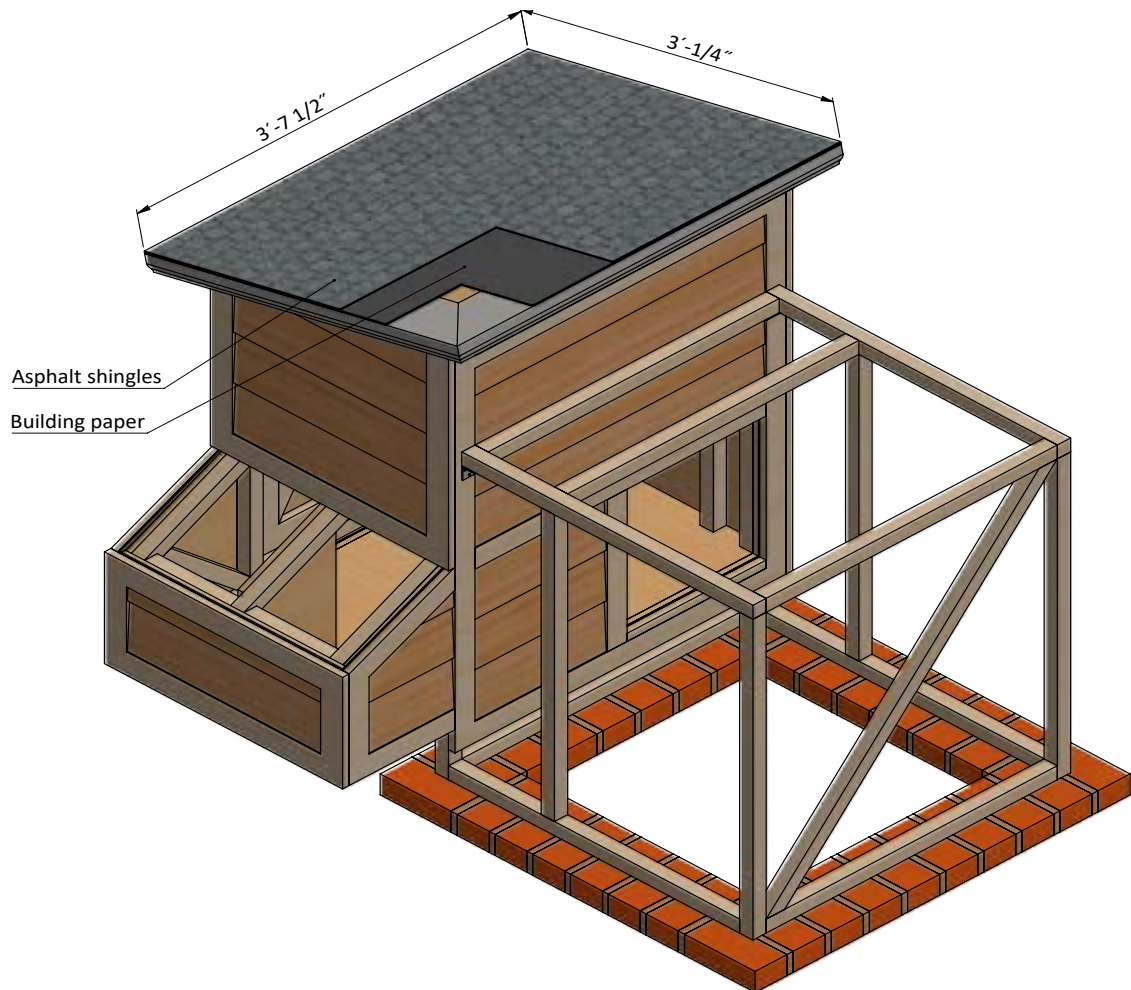
Coop's Roof Sheathing Installation

11.1 You will need 12 Sq Ft of building paper and asphalt shingle roofing.

11.2 Cover the plywood and drip edge with building paper. Try to install sheets with 1˝ overlapping. Use 2˝ nails to secure the sheets.
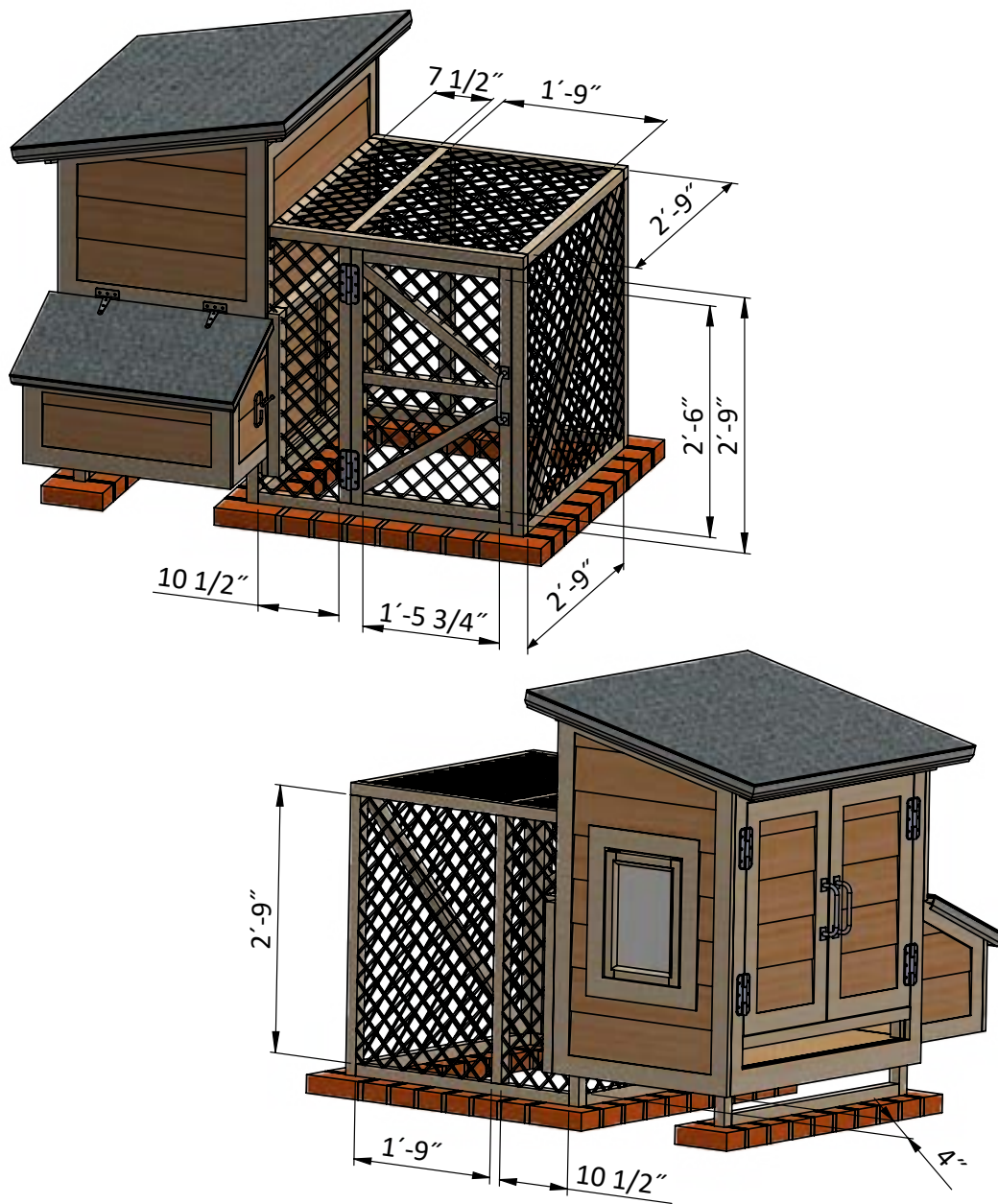
11.3 Install asphalt shingle roofing using an industrial stapler.

Asphalt shingles

Building paper

3´-1/4˝

3´-7 1/2˝

Mesh Wall Installation

12.1 Cover the walls with 1/4″ wire mesh with the help of industrial stapler. You will need 29 sq ft.

Assemble The Litter Tray

13.1 Assemble 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 one board cut to 2′-6 1/2″, two boards cut to 1′-1 3/4″ and one board cut to 2′-9″. Assemble the rame and put the 1′-11 1/2″ x 2′-8″ plywood sheet at the bo om. Finish the tray installation by attaching 6″ door pull.

13.2 Connect the beams and plywood with 2″ wood screws.

13.3 Using 3/4″ x 1 1/2″ pressure-treated lumber prepare and install litter tray guide.
You will need to cut one board to 1′-8 1/2″.
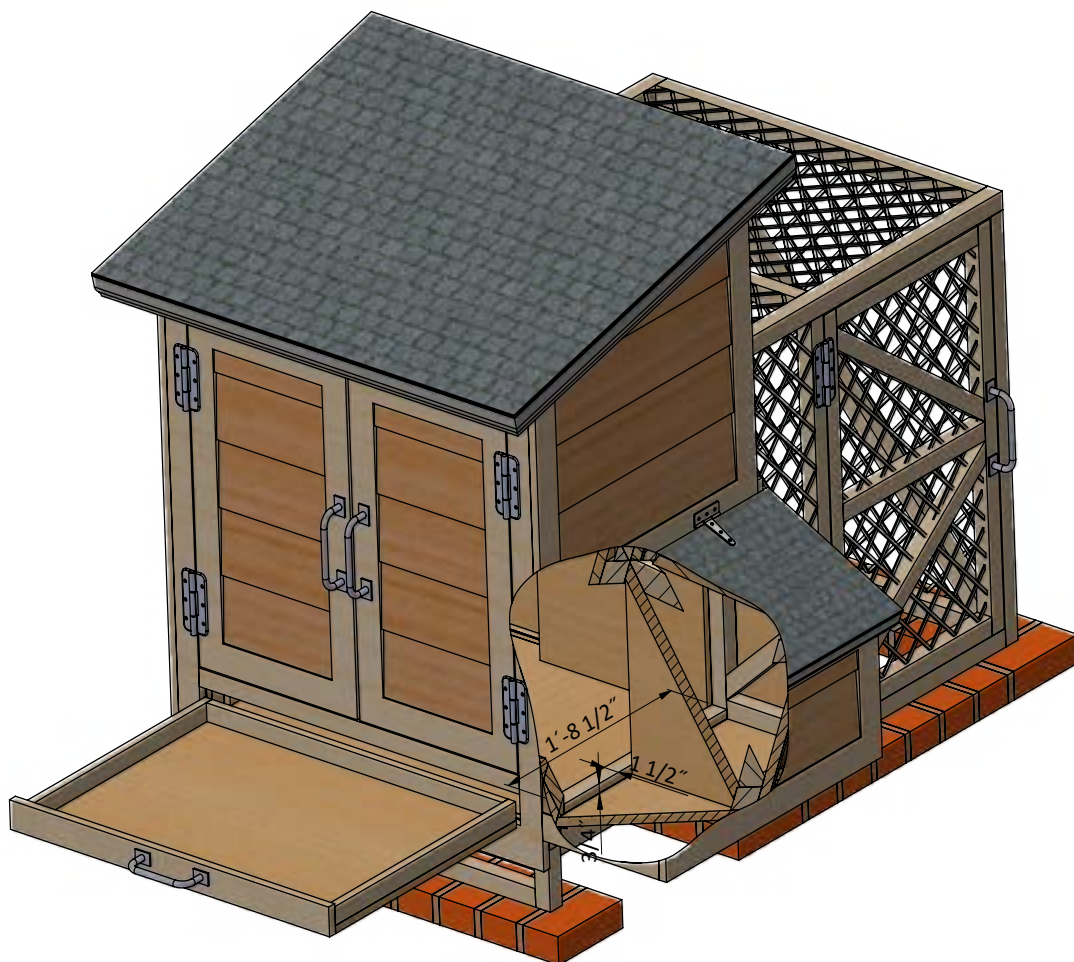
Assemble The Roost

14.1 Assemble the roost using 3/4˝ x 1 1/2˝ pressure-treated lumber.
You will need two boards cut to 2´-8˝ and four boards cut to 2´-6 1/4˝.

14.2 Connect the beams with 2˝ wood screws.

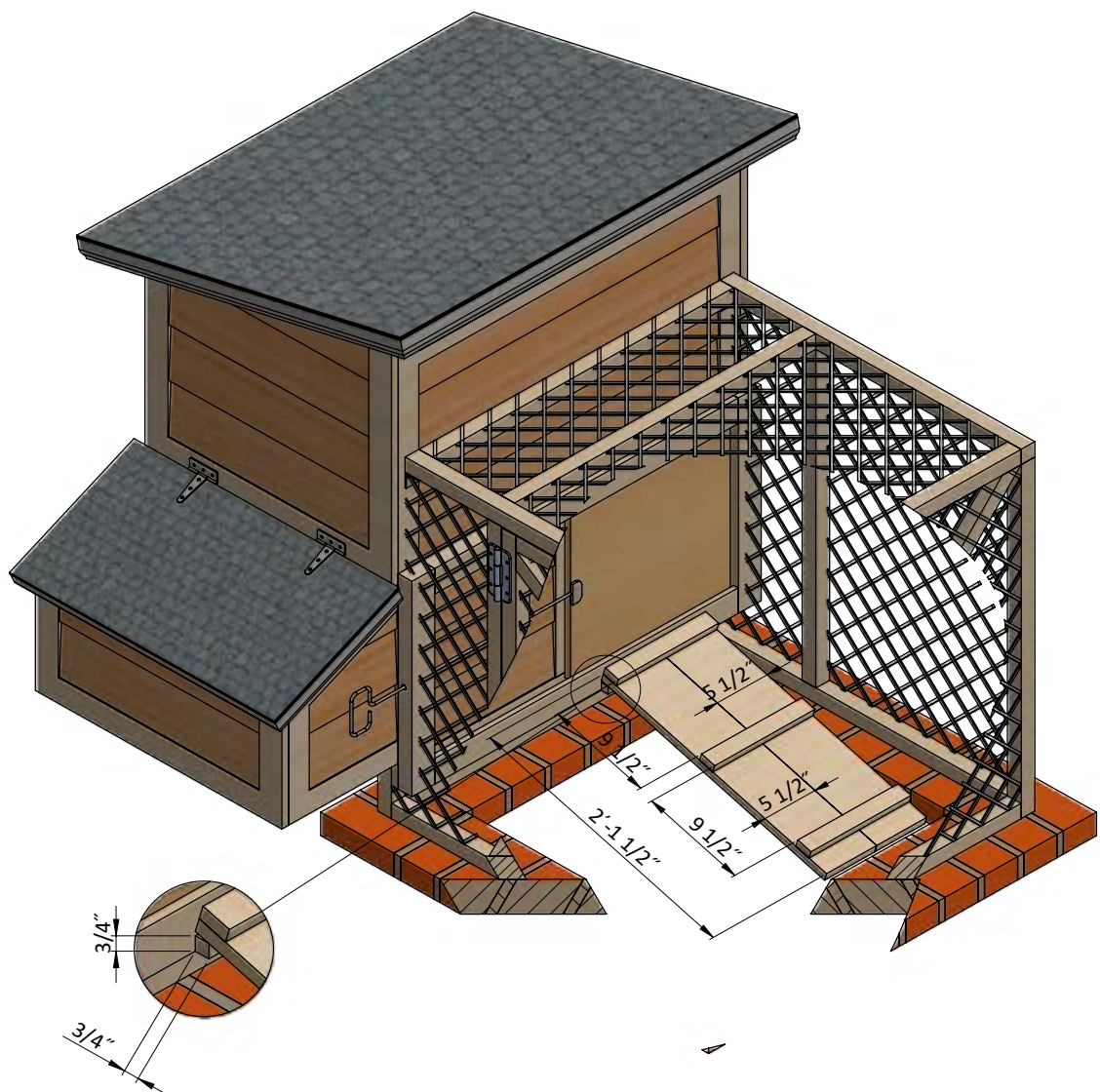**14.3** Install the roost at the studs with the help of 3˝ screws.

2´-6 1/4˝

Assemble The Chicken Ladder

15.1 Assemble the ladder using 3/4″x 3/4″, 3/4″ x 1 1/2″ and 3/4″ x 5 1/2″ pressure-treated lumber. You will need one board cut to 1′, two boards cut to 2′-1 1/2″ and three boards cut to 11″.

15.2 Connect the beams with 2″ wood screws.

15.3 Install the ladder at the studs with the help of 2″ screws.

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.

Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	21	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	✗	✓

TRY PREMIUM

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