Craftcamp



Free 2'x6' Chicken Coop Plan

Up to 6 chickens

Free vs. Premium Plan: What's the Difference?

We offer both free and premium versions of our detailed shed plans, designed to fit your needs and budget. Check out the table below to see the key differences and choose the plan that's right for you:

Features	Free Plan	Premium Plan
Steps Count	16	40
Illustrations per Step	Limited	Every Step
Print Ready Format	X	✓
Step-by-Step Instructions	Basic	Comprehensive
Full Materials & Cutting List	X	✓
Additional Illustrations	Х	✓
Additional Blueprints	X	✓
Tools List	Х	✓
Fastening Elements List	Х	✓
Technical Support	X	✓

Try Premium Risk-Free

60-day refund policy with no questions asked.

2'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

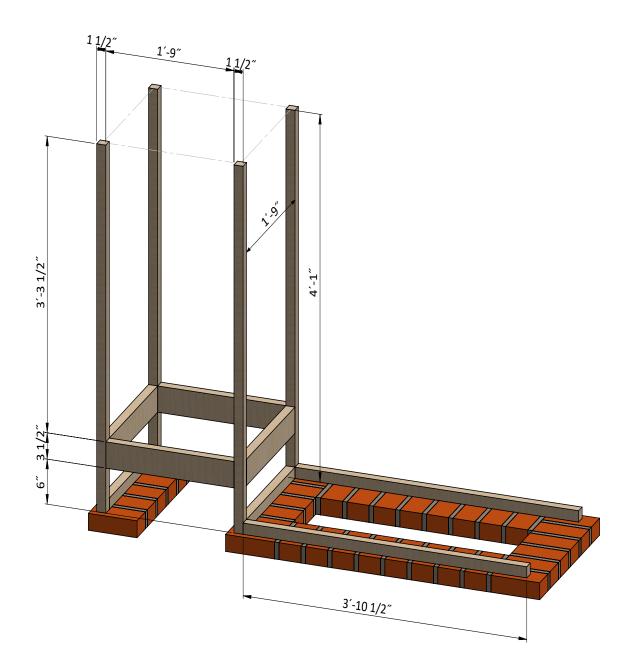
• Pressure-Treated Lumber

Fasteners & Hardware

- Corner braces
- Galvanized nails
- Wood screws

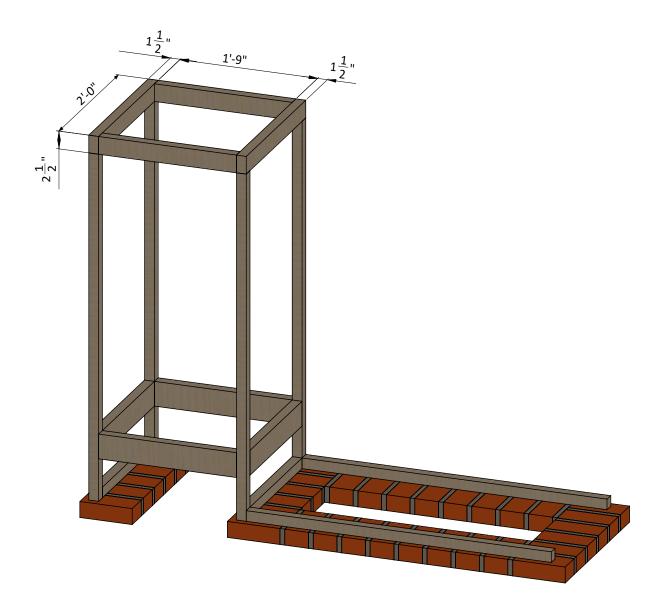
Assemble the Main Frame

- **1.1** Using $1 \frac{1}{2}$ x $1 \frac{1}{2}$ and $1 \frac{1}{2}$ x $3 \frac{1}{2}$ pressure-treated lumber, install the wall studs using the drawing below as a reference. You will need four boards cut to 4'-1" that will be studs, two boards cut to 1'-9" that will be joists, two boards cut to $3'-10 \frac{1}{2}$ " and four boards cut to 1'-9" that will be bottom plates.
- **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°.



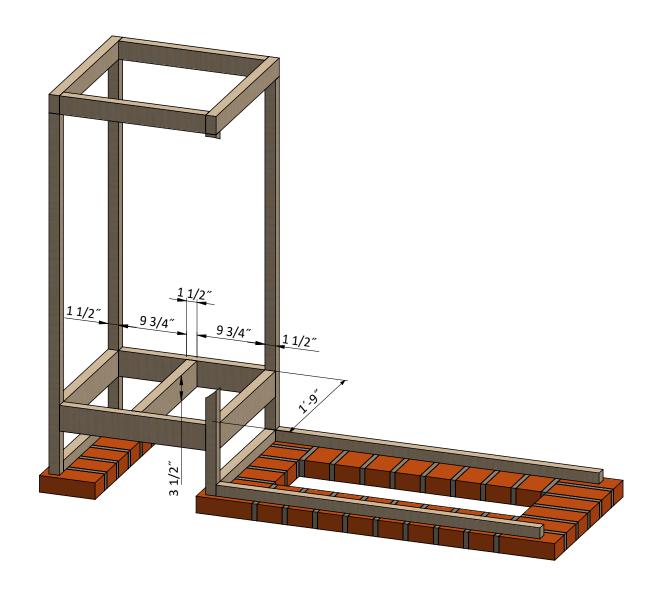
Assemble The Top Plates

- **2.1** Assemble the top plates using $1 \frac{1}{2}$ x $2 \frac{1}{2}$ pressure-treated lumber. You will need two boards cut to 2 and two boards cut to 1-9".
- **2.2** Connect the beams with 3" wood screws.
- **2.3** Using a speed square or carpenter's square, check the corners to make sure they are 90°.



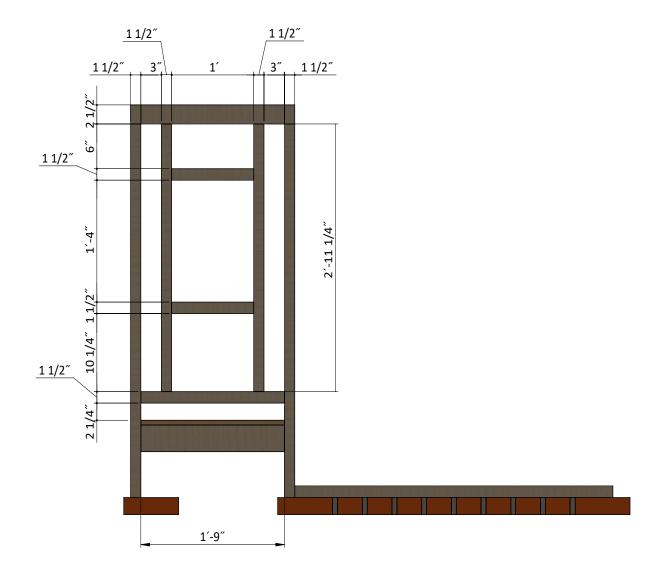
Assemble The Floor Frame

- **3.1** Using $1 \frac{1}{2}$ " x $2 \frac{1}{2}$ " pressure-treated lumber, cut one joist and assemble using the illustrations below as a reference. You will need one board cut to 1'-9".
- **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°.



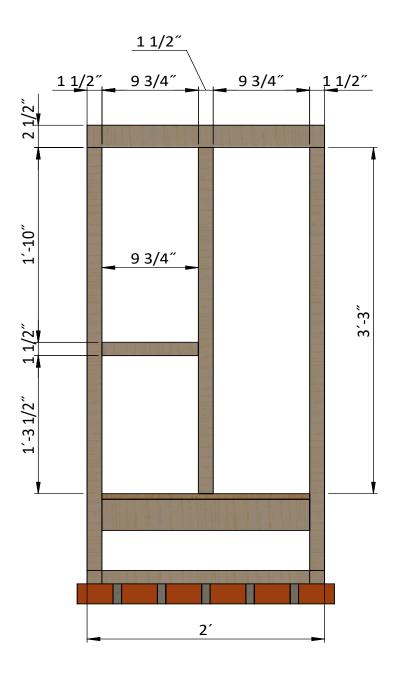
Assemble Back Side Wall Frame

- **4.1** Using 1 $1/2^{\circ}$ x 1 $1/2^{\circ}$ pressure-treated lumber, construct back side wall frame using the drawing below as a reference. You will need two boards cut to 2´-11 $1/4^{\circ}$ 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 $^{\circ}$ that will be bottom plate.
- **4.2** Connect the beams with 2x3" wood screws.
- **4.3** Using a speed square or carpenter's square, check the corners to make sure they are 90°.



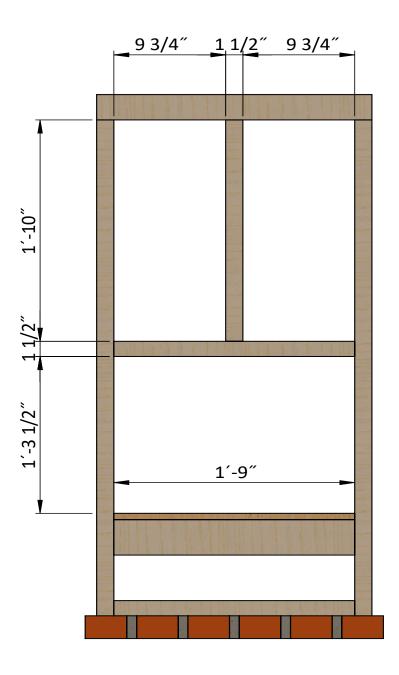
Assemble Left Side Wall Frame

- **5.1** Using 1 $1/2^{\prime\prime}$ x 1 $1/2^{\prime\prime}$ pressure-treated lumber, construct left side wall frame using the drawing below as a reference. You will need one board cut to 3'-3" that will be stud and one board cut to 9 $3/4^{\prime\prime}$ that will chicken door header.
- **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°.



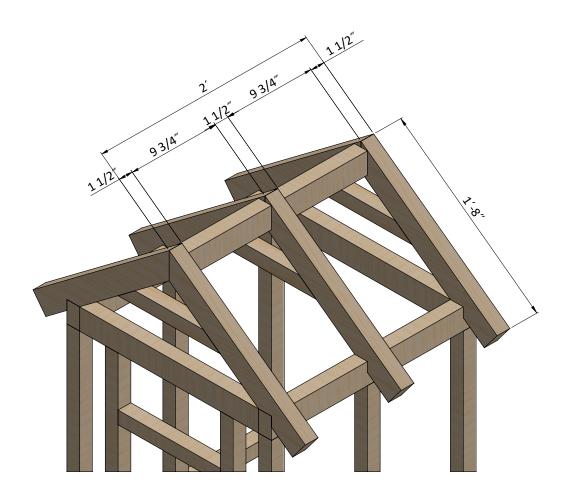
Assemble Right Side Wall Frame

- **6.1** 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 $1'-10^{"}$ that will be stud and one board cut to $1'-9^{"}$ that will be bottom plate.
- **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°.



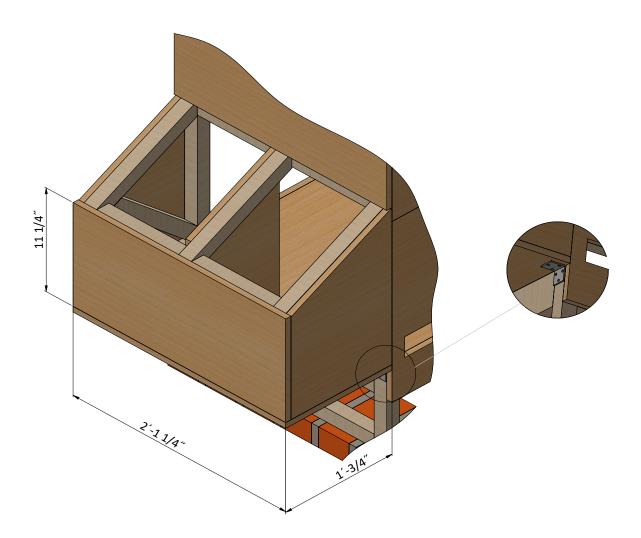
Assemble the Roof Frame

- **7.1** Using 1 $1/2^{\circ}$ x 2 $1/2^{\circ}$ pressure-treated lumber, cut six rafters 1'-8" long according to the dimensions in drawings below.
- **7.2** Using $1 \frac{1}{2}$ " x $1 \frac{1}{2}$ " pressure-treated lumber, cut three collar ties 1' long according to the dimensions in drawings below.
- **7.3** Using 1 $1/2^{"}$ x 2 $1/2^{"}$ pressure-treated board, cut two boards 9 $3/4^{"}$ long that will be ridge boards according the illustration below.
- **7.4** Connect the beams with 3" wood screws.



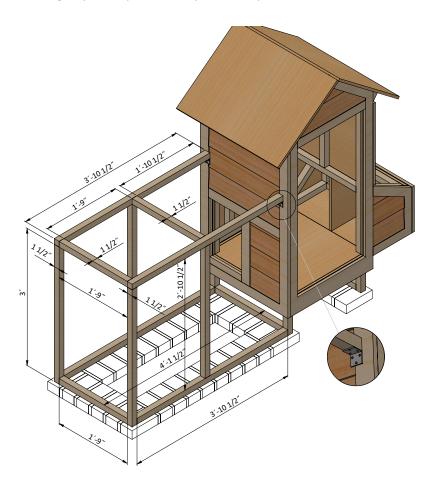
Install Plywood for the Nesting Box

- **8.1** 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 bottom and three 1′ x 1′-5″ sheets for sides and inner partition.
- **8.2** Secure the plywood with 2" wood screws.
- **8.3** Install two 1 1/2" x 1 1/2" corner brackets with help of 1" screws.



Assemble The Aviary Frame

- **9.1** Assemble the top plates using $1 \frac{1}{2}$ x $1 \frac{1}{2}$ pressure-treated lumber. You will need two boards cut to $3'-10 \frac{1}{2}$ that will be top plates, three boards cut to 1'-9 that will be joists, two boards cut to 3' that will be the studs and two boards cut to $2'-10 \frac{1}{2}$ that will be the studs.
- **9.2** Connect the beams with 5" wood screws.
- 9.3 Install two 1 1/2" x 1 1/2" corner brackes with help of 1" screws.
- **9.4** Using a speed square or carpenter's square, check the corners to make sure they are 90°.

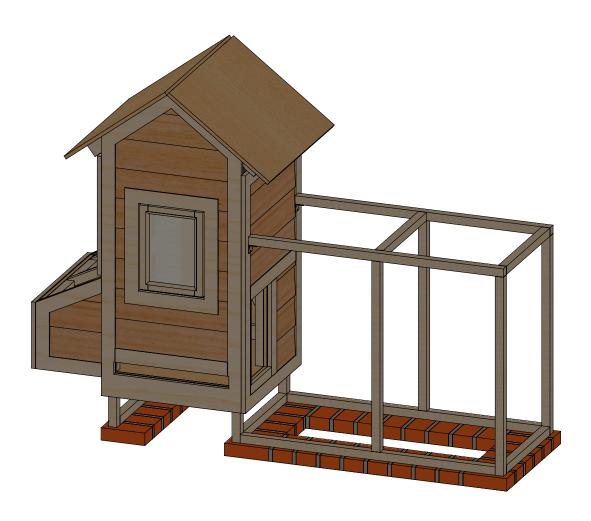


Assemble and Install Window

10.1 Using $1\ 1/2" \times 1\ 1/2"$ 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 $1'-3\ 1/4"$ that will be the vertical girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

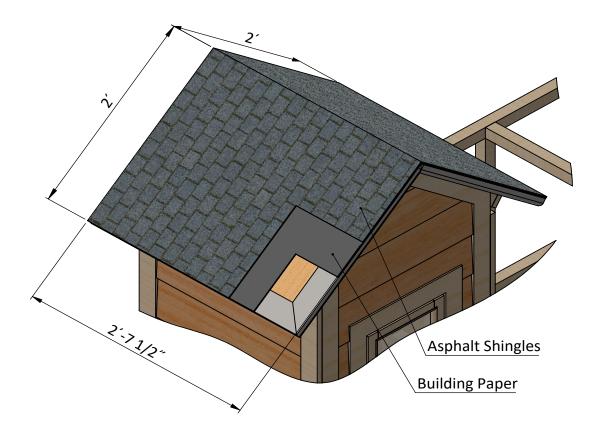
10.2 Prepare and install 9 1/4" x 1'-1 1/4" glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

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



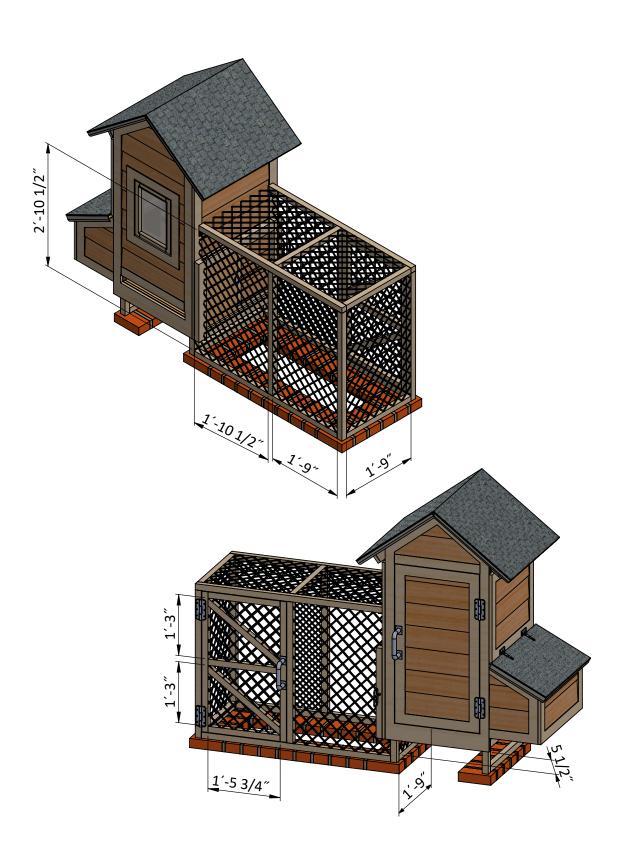
Coop's Roof Sheathing Installation

- 11.1 You will need 10 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.



Mesh Wall Installation

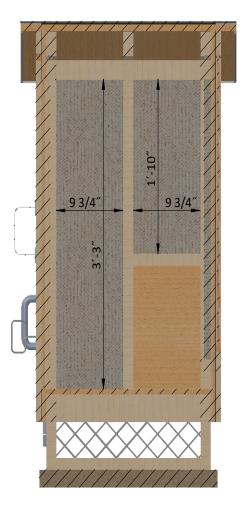
12.1 Cover the walls with 1/4" wire mesh with the help of industrial stapler. You will need 33 sq ft.



Install Foam Board Insulation for the Inner Walls

- **13.1** Cut sheets of 3" foam board insulation for the inner wall sheathing according the drawings below. For the left wall you will need to cut one 9.3/4" x 3'-3" sheet and one 9.3/4" x 1'-10" sheet.
- **13.2** For the right wall you will need to cut two 9 3/4" x 1'-10" sheets.
- **13.3** For the front wall you will need to cut one 3" x 8" sheet and one 3 1/2" x 1'-9" sheet.
- **13.4** For the back wall you will need to cut two 3" \times 2'-11 1/4" sheets, one 10 1/4" \times 1' sheet, one 6" \times 1' sheet, one 3" \times 8" sheet and one 3 1/2" \times 1'-9" sheet.
- 13.5 Put the sheets between studs tightly.

Left Wall (1:10)



Right Wall (1:10)



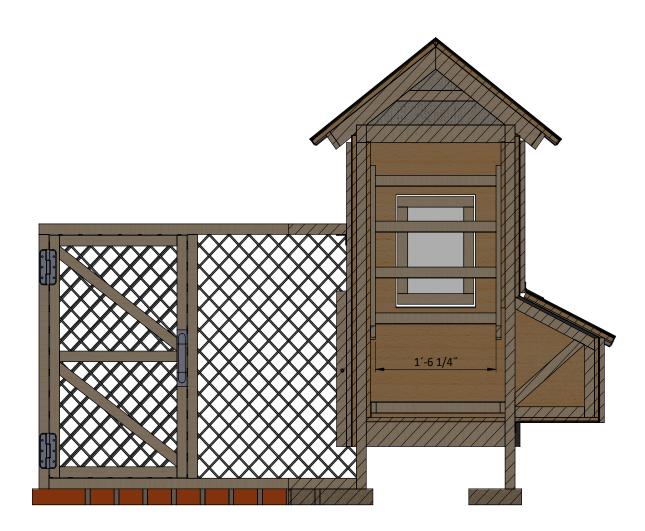
Assemble The Litter Tray

- **14.1** Assemble the litter tray using $3/4^{\circ}$ x 1 $1/2^{\circ}$ and $3/4^{\circ}$ x 2 $1/4^{\circ}$ pressure-treated lumber and $5/8^{\circ}$ plywood. You will need two boards cut to 2′, one board cut to 1′-6 $3/4^{\circ}$ and one board cut to 1′-8 $3/4^{\circ}$. Assemble the frame and put the 1′-8 $1/4^{\circ}$ x 2′-3/4″ plywood sheet at the bottom. Finish the tray installation by attaching 6″ door pull.
- **14.2** Connect the beams and plywood with 2" wood screws.
- **14.3** 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'-9".



Assemble The Roost

- **15.1** 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 1'-6 1/4".
- **15.2** Connect the beams with 2" wood screws.
- **15.3** Install the roost at the studs with the help of 3" 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.



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Technical Support	X	✓

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