Craftcamp

Free 10'x12' Chicken Coop Plan

Up to 16 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	26
Illustrations per Step	Limited	Every Step
Print Ready Format	X	✓
Step-by-Step Instructions	Basic	Comprehensive
Full Materials & Cutting List	X	✓
Additional Illustrations	X	✓
Additional Blueprints	X	✓
Tools List	X	✓
Fastening Elements List	X	✓
Technical Support	X	✓

Try Premium Risk-Free

60-day refund policy with no questions asked.

10'x12' chicken coop material list

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Lumber
- Plywood

Walls Frames

- Lumber

Shed’s Roof

- Lumber
- Pressure-Treated Board
- Plywood
- Building paper
- Asphalt shingles
- Metal drip edge

Front/Side Shed's Window

- Lumber
- Window beading
- Glass

Walls Exterior Siding

- Lumber
- Wood siding boards

Top Frame

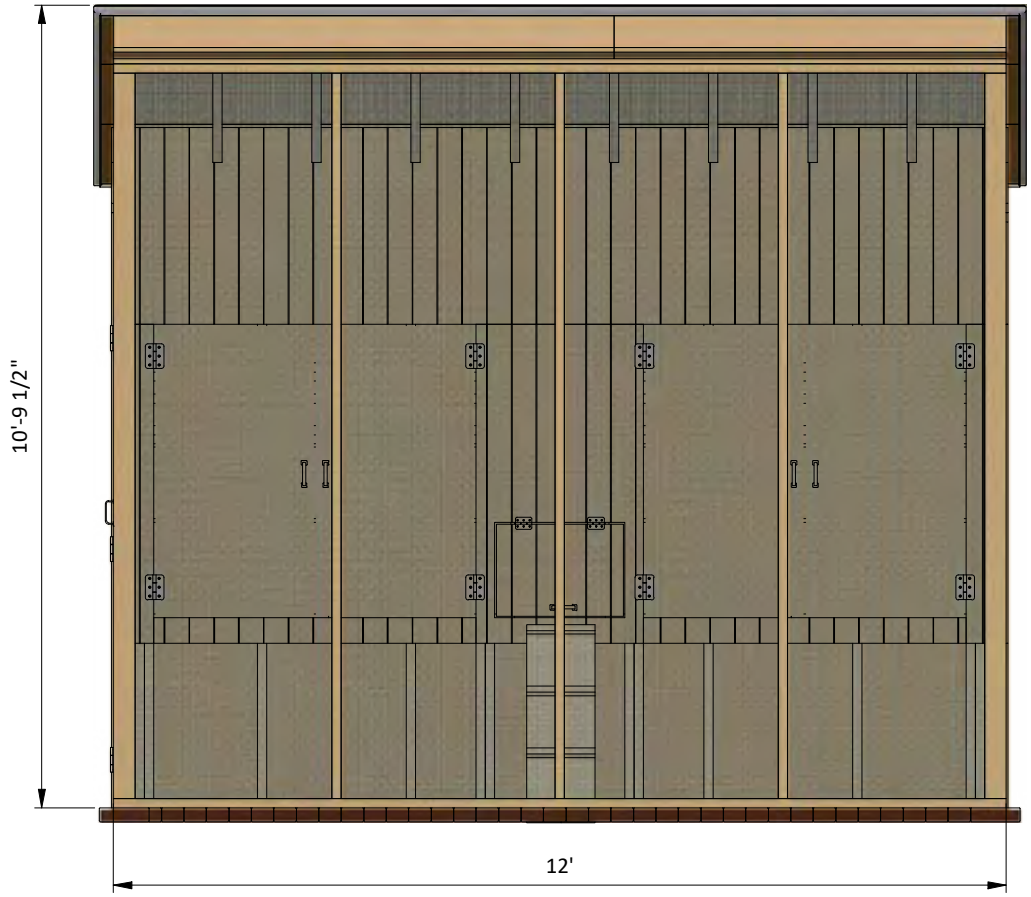
- Lumber

Fasteners & Hardware

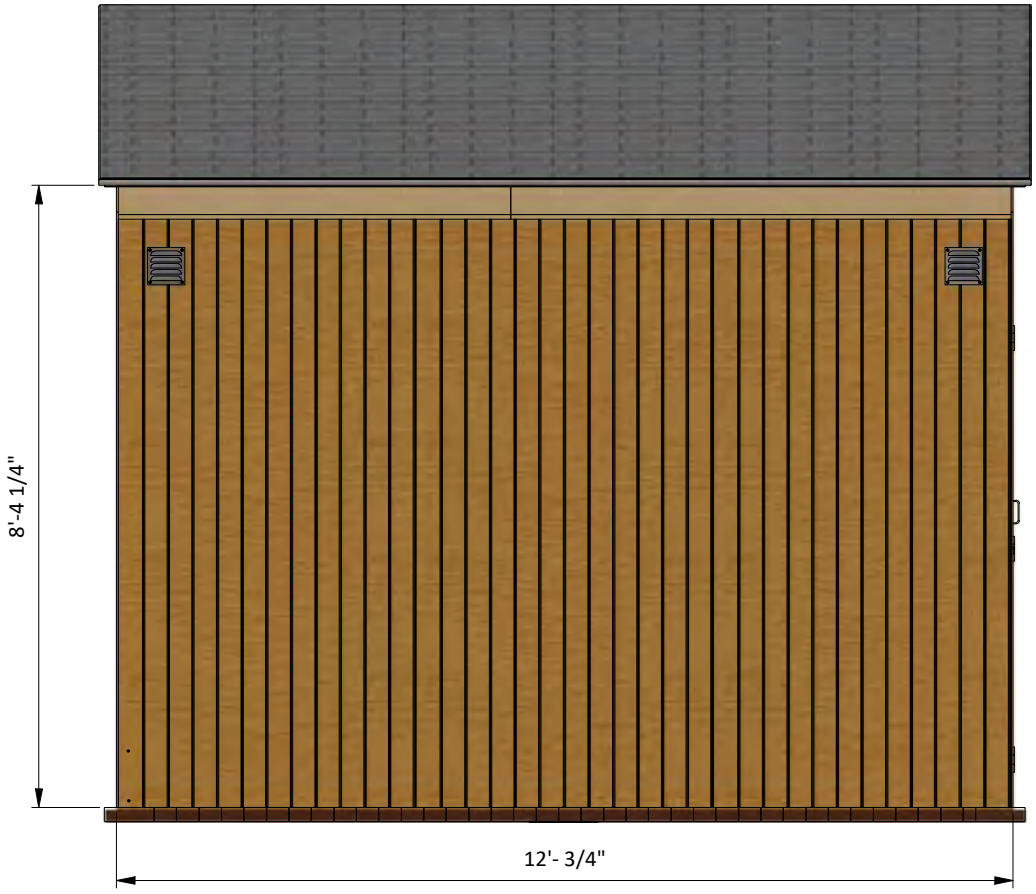
- Corner braces
- Galvanized nails
- Wood screws

Size & Dimensions

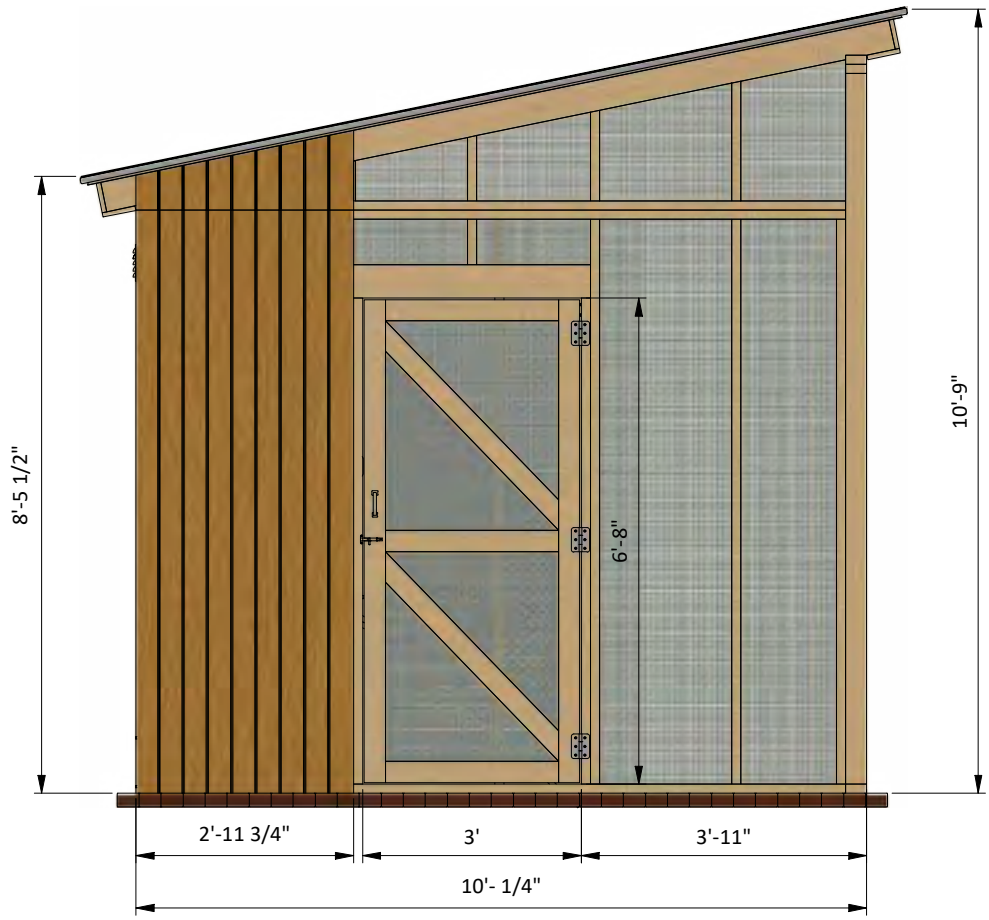
front



back



left



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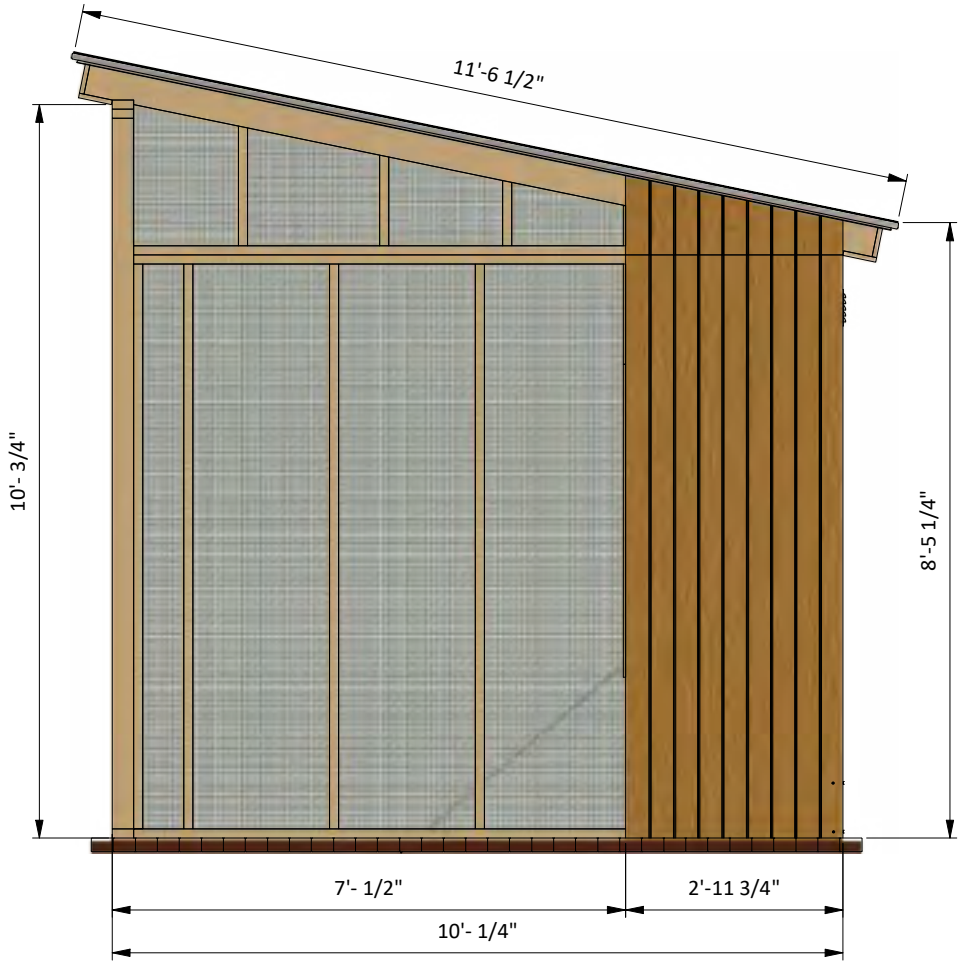
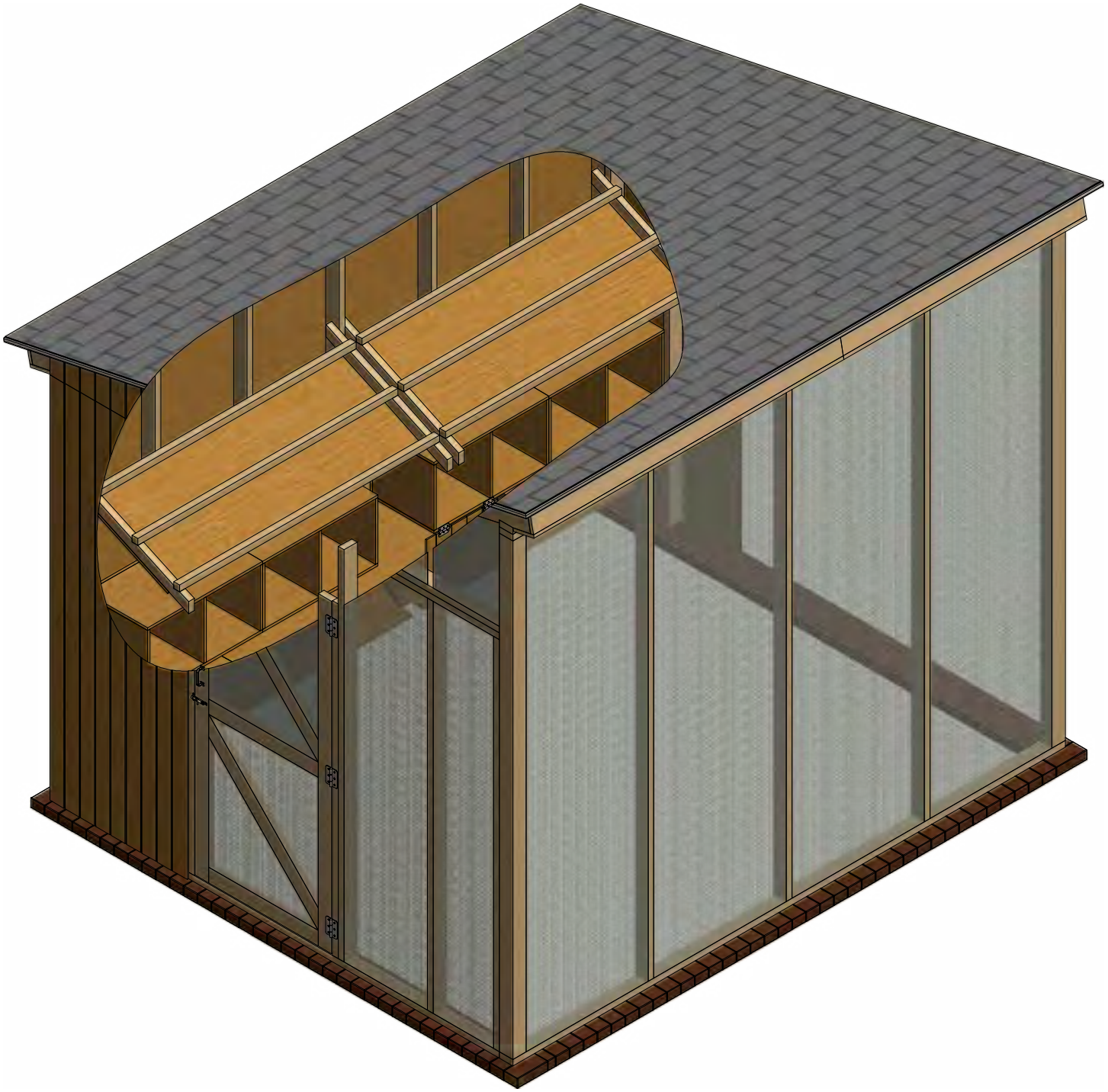


Interior view

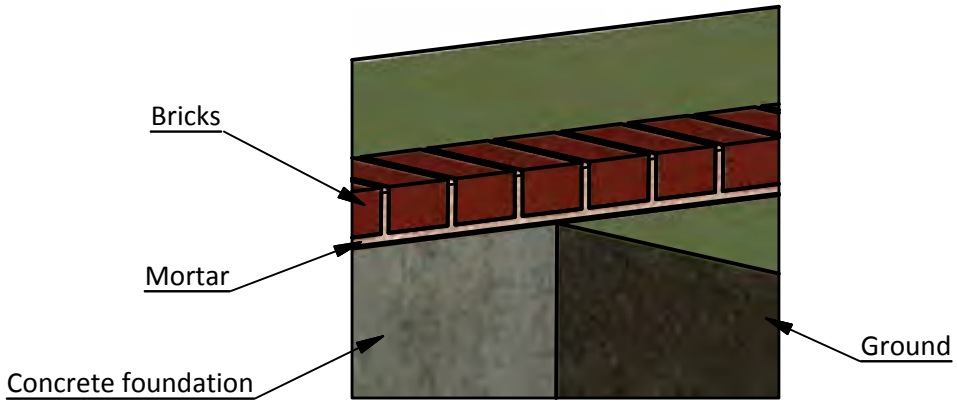


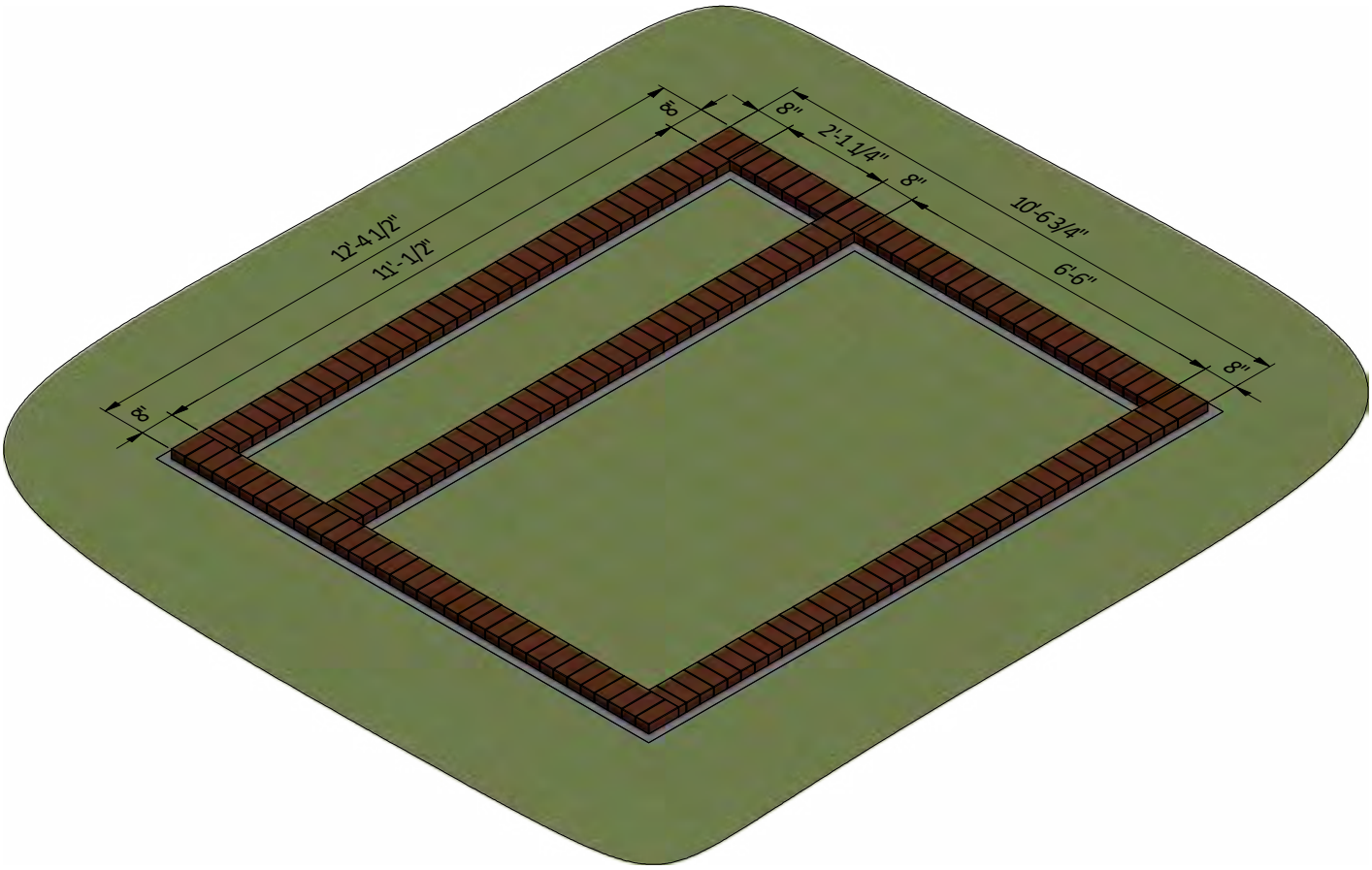
STEP 1

Foundation Preparation

1.1 Fill the trenches to ground level with concrete and let cure, or harden. Since curing times vary between brands, read the packaging for recommended curing times.

1.2 Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 181 bricks for this step.





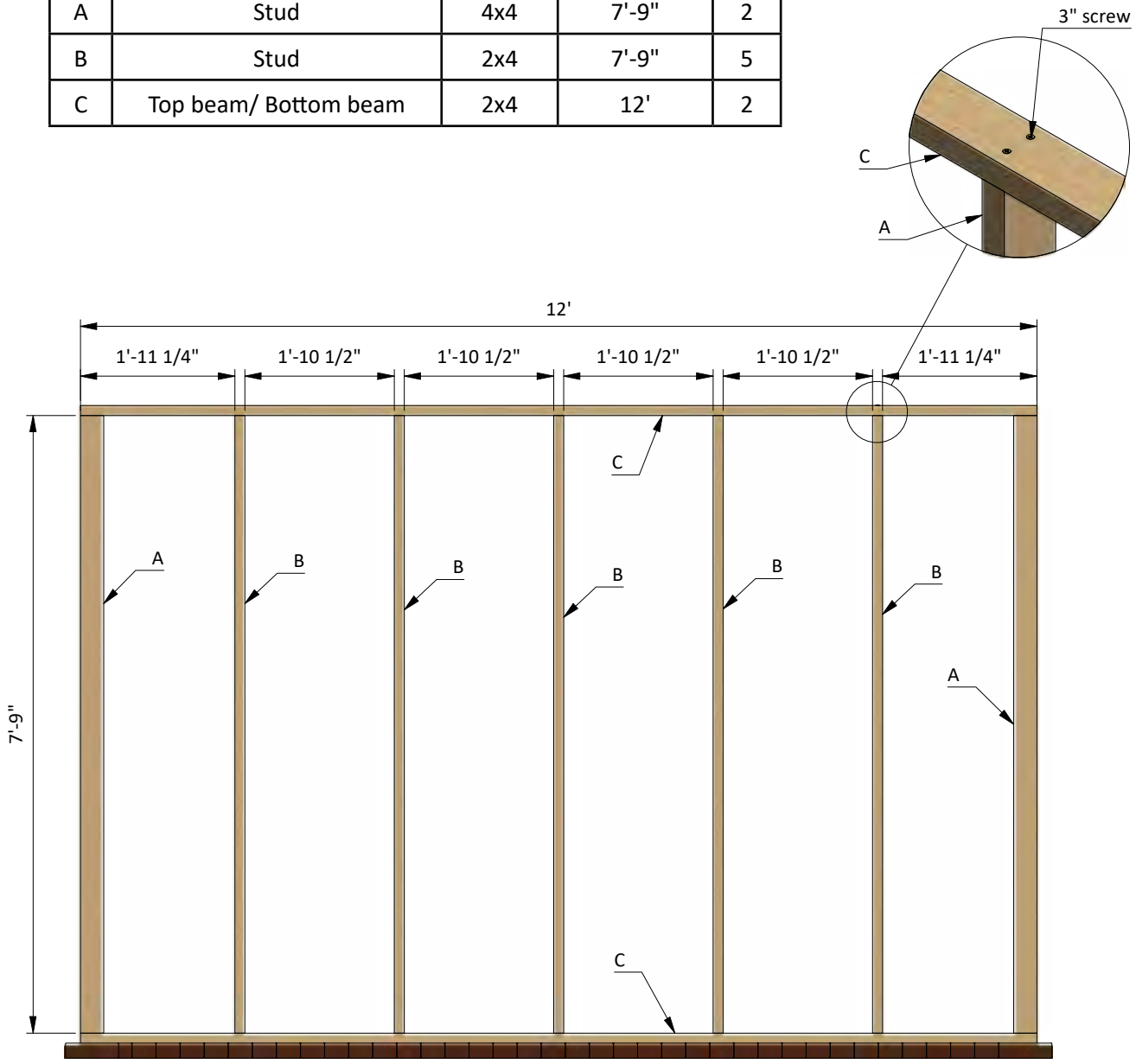
STEP 2

Assemble Back Wall Frame

2.1 Using 2x4 and 4x4 lumber, construct the back wall frame using the drawing below as a reference. You will need seven boards cut to 7'-9" that will be the studs and two boards cut to 12' that will be the top and bottom beams.

2.2. Connect the beams with 3" wood screws. Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Pos	Description	Material	Dimension	Qty
A	Stud	4x4	7'-9"	2
B	Stud	2x4	7'-9"	5
C	Top beam/ Bottom beam	2x4	12'	2



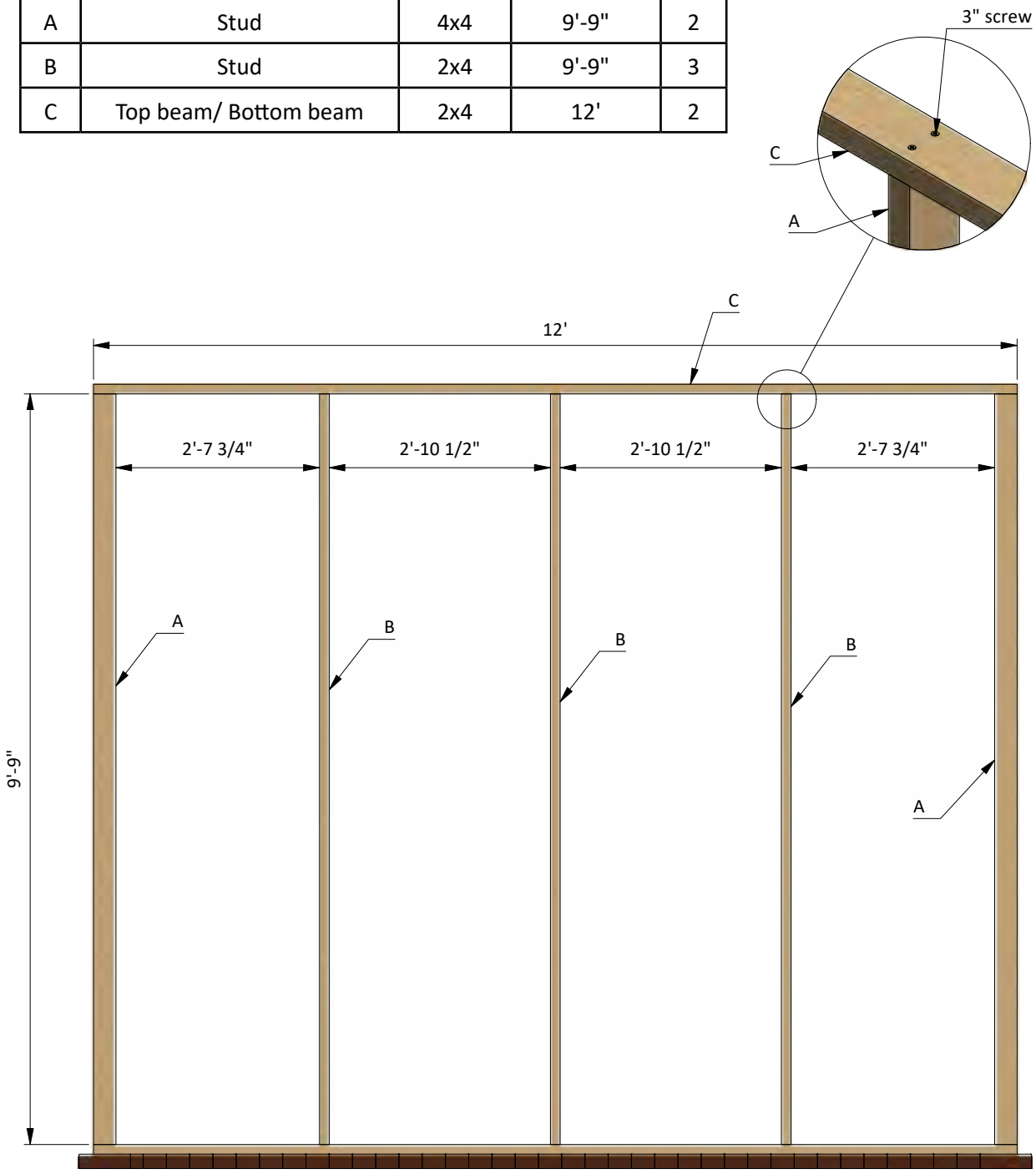
STEP 3

Assemble the Front Wall Frame

3.1 Using 2x4 and 4x4 lumber, construct the front wall frame using the drawing below as a reference. You will need five boards cut to 9'-9" that will be studs and two boards cut to 12' that will be the top and bottom beams.

3.2 Connect the beams with 3" wood screws. Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Pos	Description	Material	Dimension	Qty
A	Stud	4x4	9'-9"	2
B	Stud	2x4	9'-9"	3
C	Top beam/ Bottom beam	2x4	12'	2



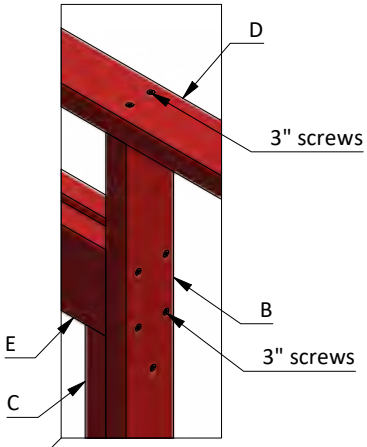
STEP 4

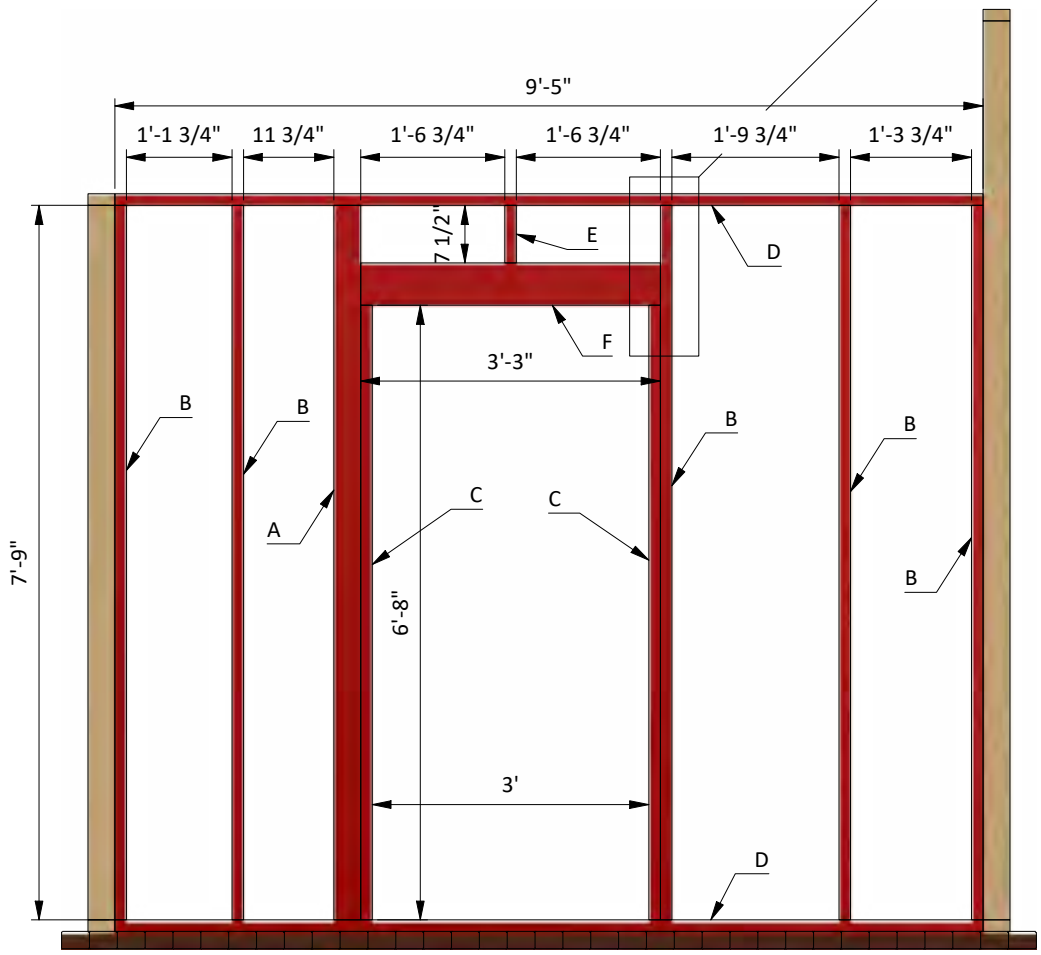
Assemble the Left Wall Frame

4.1 Using 2x4, 2x6 and 4x4 lumber, construct left wall frame using the drawing below as a reference. You will need six boards cut to 7'-9" and two boards cut to 6'-8" that will be studs, two boards cut to 9'-5" that will be the top and bottom beams, two boards cut to 3'-3" that will be the door header and one board cut to 7 1/2" that will be cripple stud.

4.2 Connect the beams with 3" wood screws. Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Pos	Description	Material	Dimension	Qty
A	Stud	4x4	7'-9"	1
B	Stud	2x4	7'-9"	5
C	Stud	2x4	6'-8"	2
D	Top beam/ Bottom beam	2x4	9'-5"	2
E	Cripple stud	2x4	7 1/2"	1
F	Door header	2x6	3'-3"	2





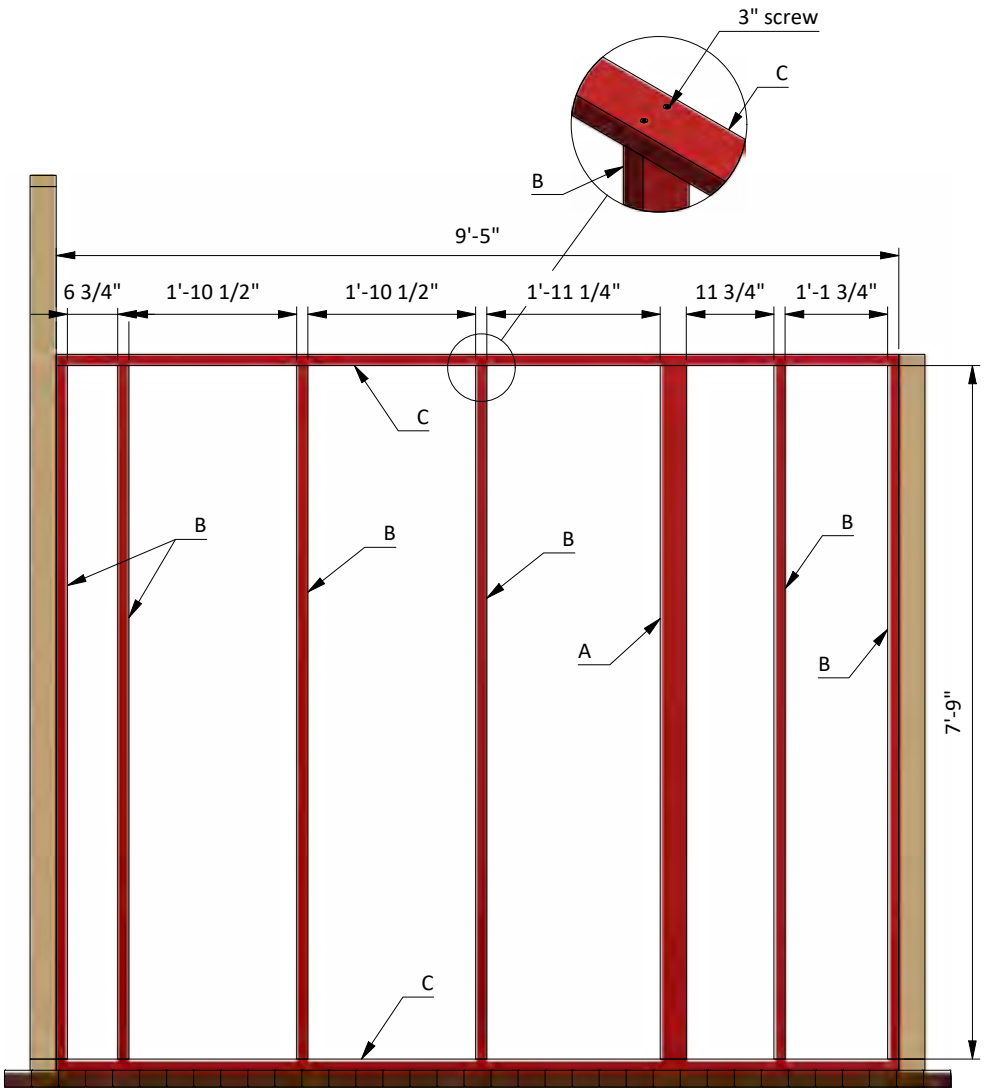
STEP 5

Assemble the Right Wall Frame

5.1 Using 2x4 and 4x4 lumber, construct right wall frame using the drawing below as a reference. You will need seven boards cut to 7'-9" that will be studs and two boards cut to 9'-5" that will be the top and bottom beams.

5.2 Connect the beams with 3" wood screws. Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Pos	Description	Material	Dimension	Qty
A	Stud	4x4	7'-9"	1
B	Stud	2x4	7'-9"	6
C	Top beam/ Bottom beam	2x4	9'-5"	2



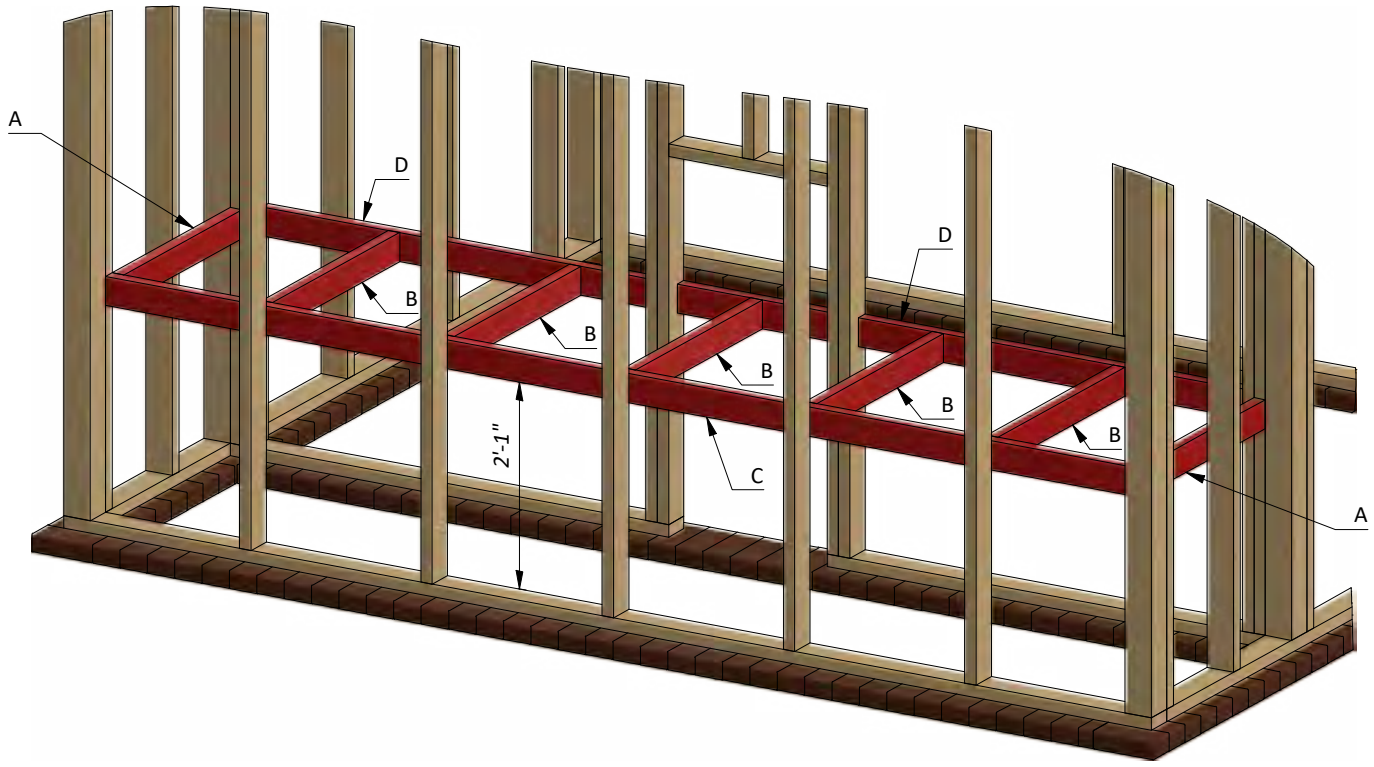
STEP 6

Assemble the Floor Frame

6.1 Using 2x4 lumber, construct floor frame using the drawing below as a reference.
You will need two boards cut to 2'-3" and five boards cut to 2'-5" that will be joists, two boards cut to 4'-4", one board cut to 1'-9" and one board cut to 11'-5" that will be rim joists.

6.2 Connect the beams with 3" wood screws. Using a speed square or carpenter's square, check the corners to make sure they are 90°.

Pos	Description	Material	Dimension	Qty
A	Joist	2x4	2'-3"	2
B	Joist	2x4	2'-5"	5
C	Rim joist	2x4	11'-5"	1
D	Rim joist	2x4	4'-4"	2
E	Rim joist	2x4	1'-9"	1



STEP 7

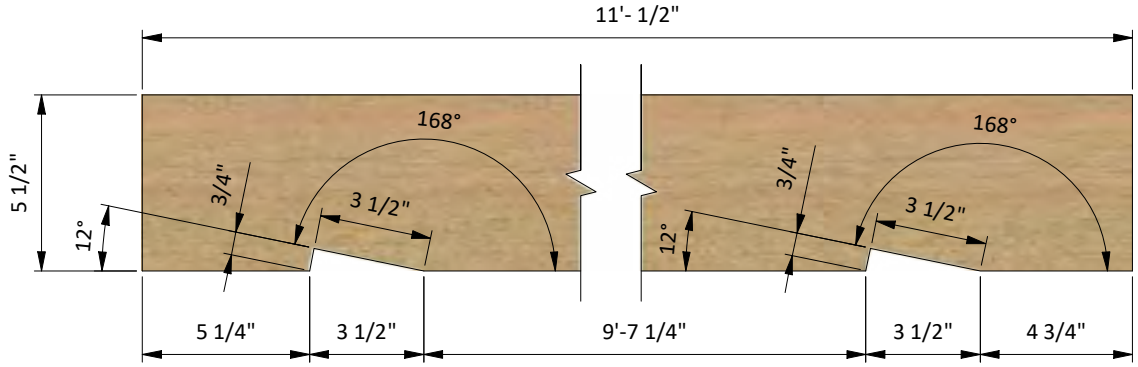
Assemble the Roof Frame

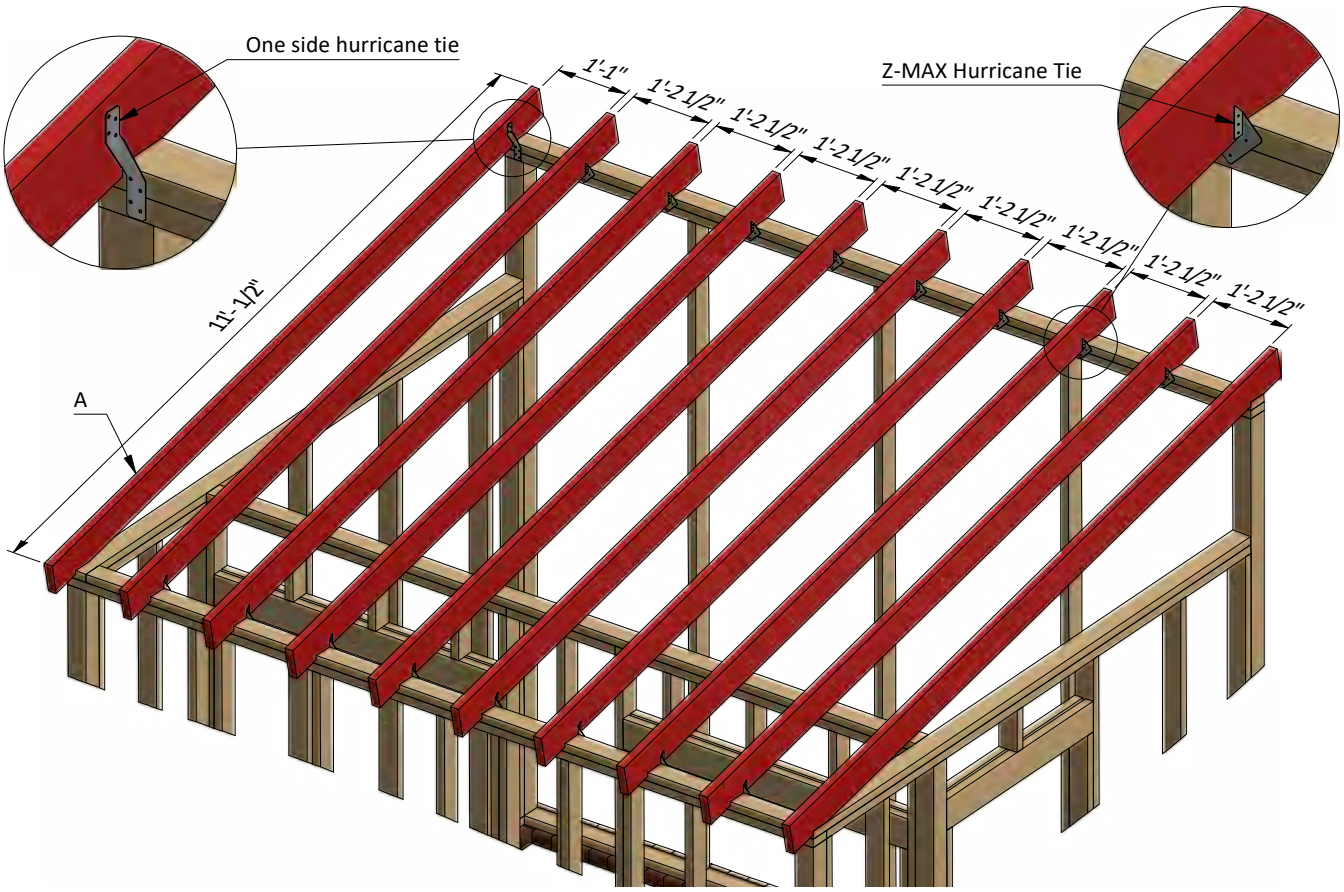
7.1 Using 2x6 lumber, construct roof frame using the drawing below as a reference.
You will need ten boards cut to 11'-1/2" that will be rafters.

7.2 Connect the rafters with H1 Z-MAX Hurricane Tie and one side H-2.5A Hurricane tie to the top beams.

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

Pos	Description	Material	Dimension	Qty
A	Rafters	2x6	11'-1/2"	10





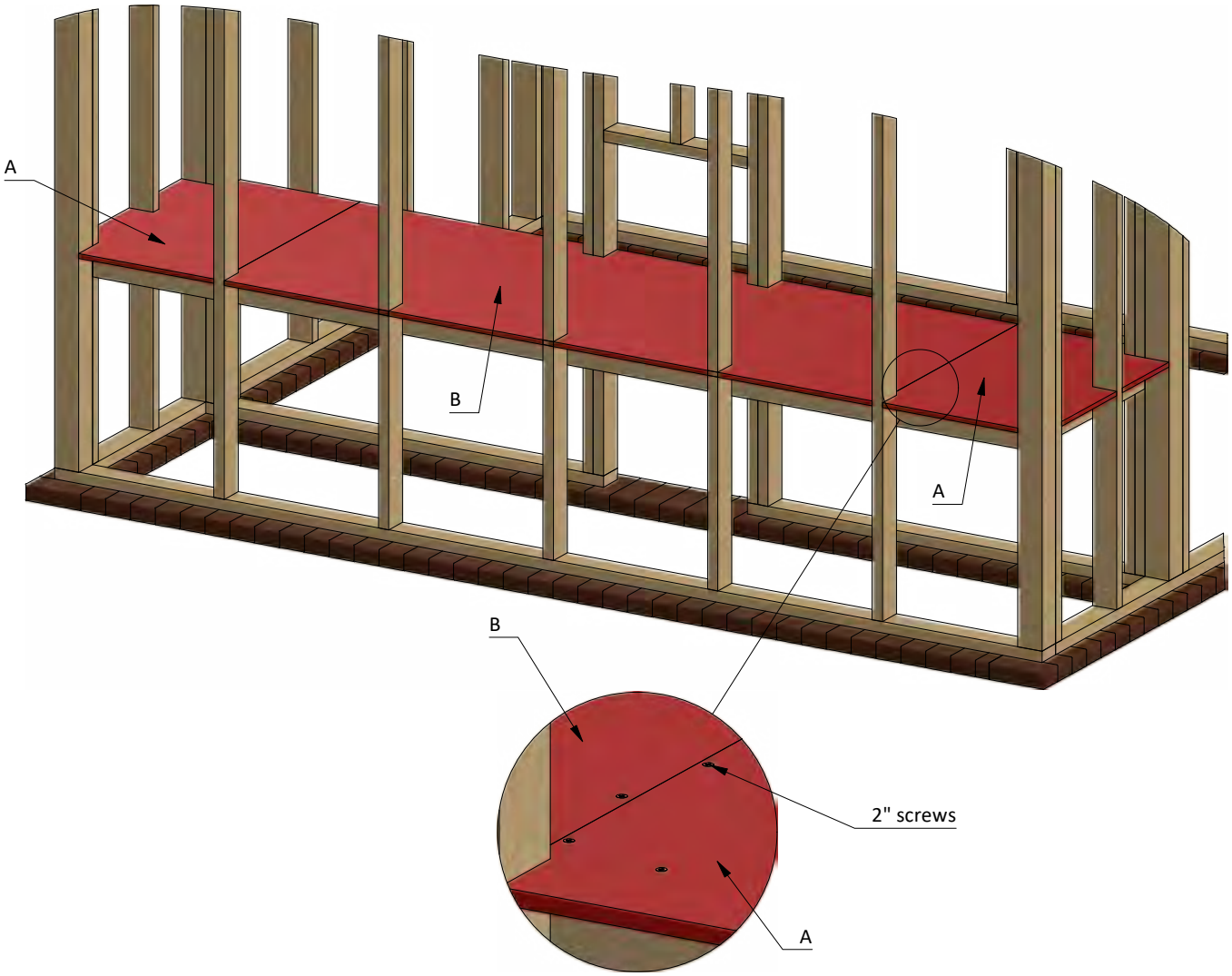
STEP 8

Install the Plywood Floor

8.1 Prepare the 1/2" OSB for the floor sheathing according to the drawing.
You will need two 2' x 2'-11 1/2" sheets and one 8' x 2'-11 1/2" sheet.

8.2 Secure the plywood with 2" wood screws.

Pos	Description	Material	Dimension	Qty
A	Floor sheathing	1/2" OSB	2' x 2'-11 1/2"	2
B	Floor sheathing	1/2" OSB	8' x 2'-11 1/2"	1



STEP 9

Assemble and Install Coop's Front Door

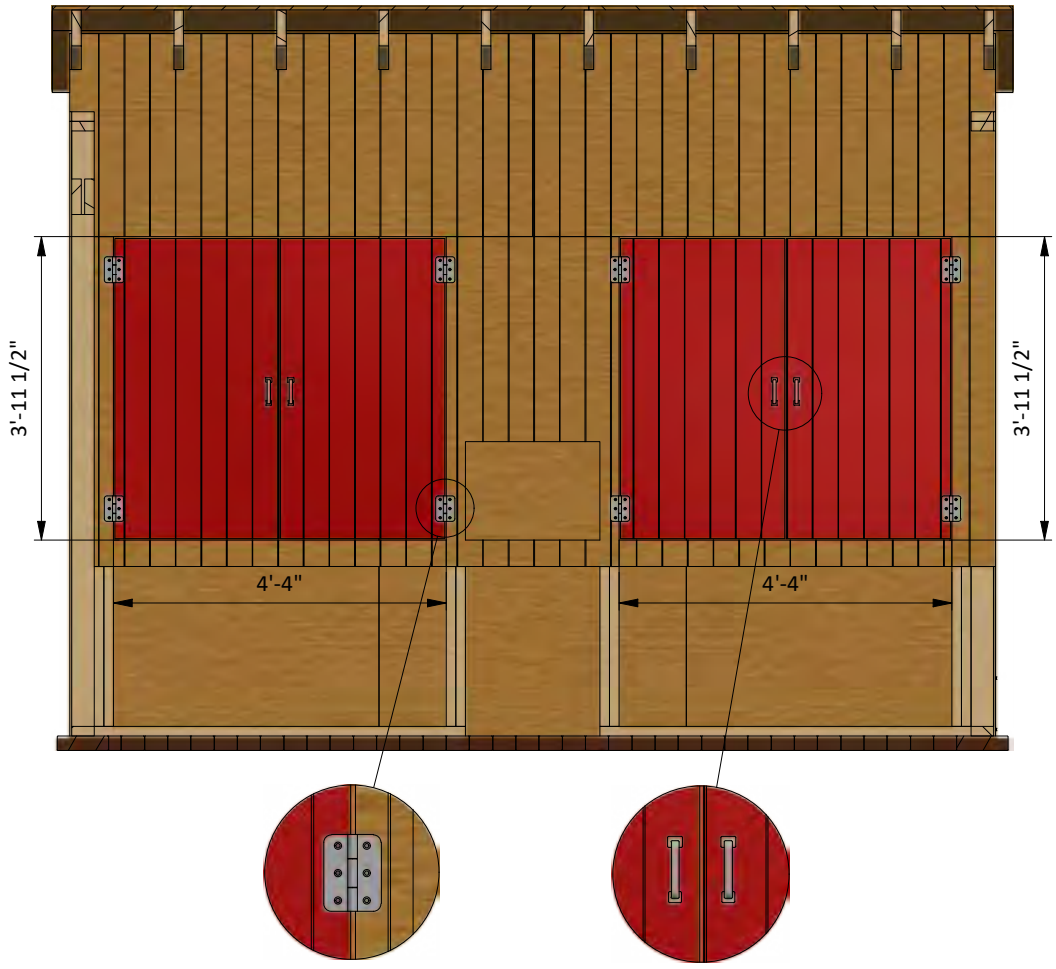
You will need to assemble four half sets.

9.1 Build the door frame using 2x4 lumber. For each half set you will need two boards cut to 3'-11" that will be the vertical girts, two boards cut to 2'-1 3/4" that will be the horizontal girts and on board cut to 3'-10 1/2" that will be the cross brace.

9.2 Prepare the 11/32" plywood siding for outer sheathing.
You will need to cut one 2'-1 3/4" x 3'-11" sheet for the door according to the drawing.

9.3 Install two 4" door hinges using 1" wood screws.
Finish the door installation by attaching 6" door pull.

Pos	Description	Material	Dimension	Qty
A	Girt	2x4	3'-11"	8
B	Girt	2x4	1'-6 3/4"	8
C	Cross brace	2x4	3'-7 3/4"	2
D	Door sheathing	11/32" plywood	2'-1 3/4" x 3'-11"	2



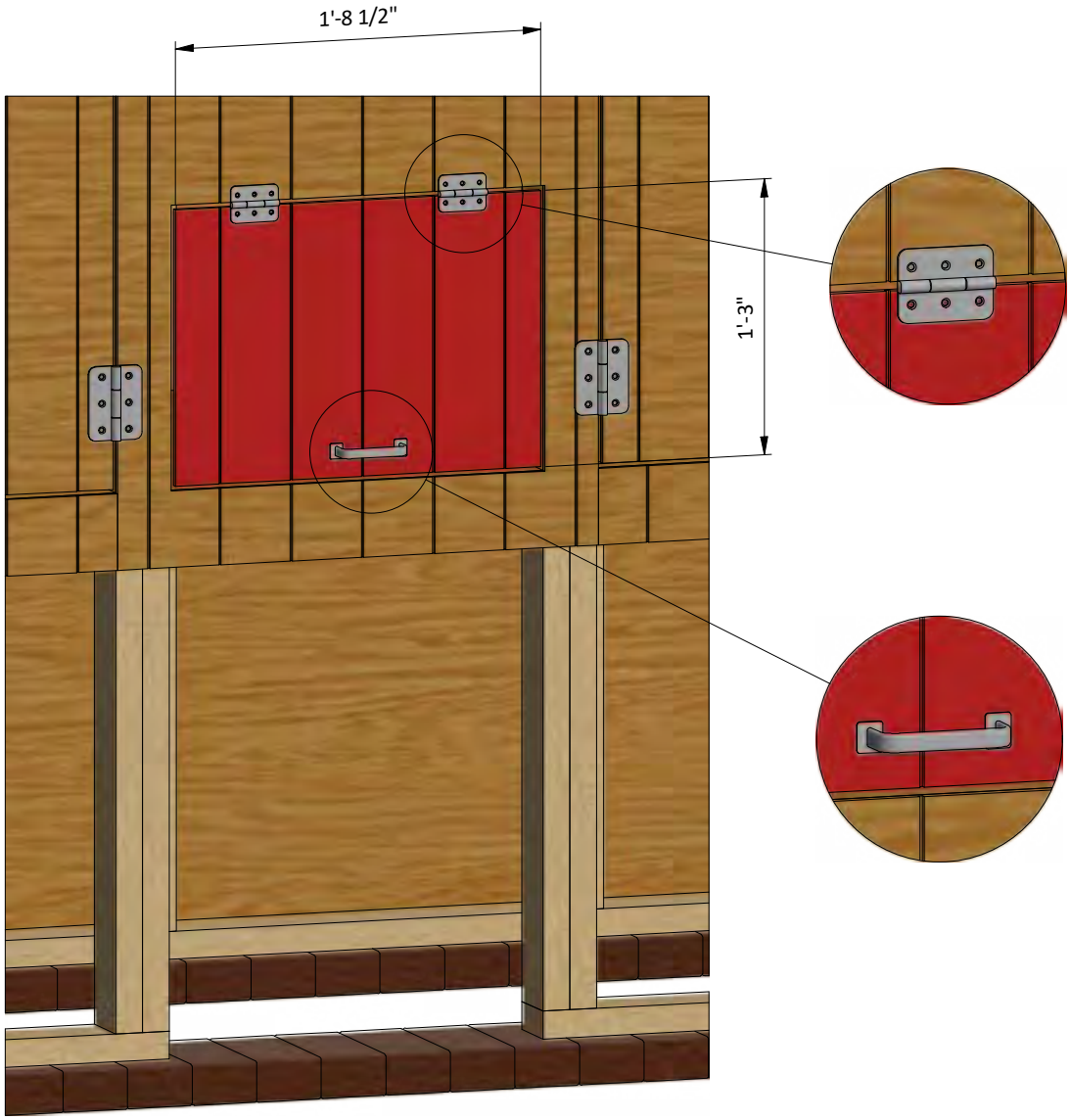
STEP 10

Assemble and Install Chicken Door

10.1 Prepare the 11/32" plywood siding for the chicken door.
You will need to cut one 1'-3" x 1'-8 1/2" sheet for the door according to the drawing.

10.2 Install two 3" door hinges using 1" wood screws.
Finish the door installation by attaching 6" door pull.

Pos	Description	Material	Dimension	Qty
A	Door sheathing	11/32" plywood	1'-3" x 1'-8 1/2	1



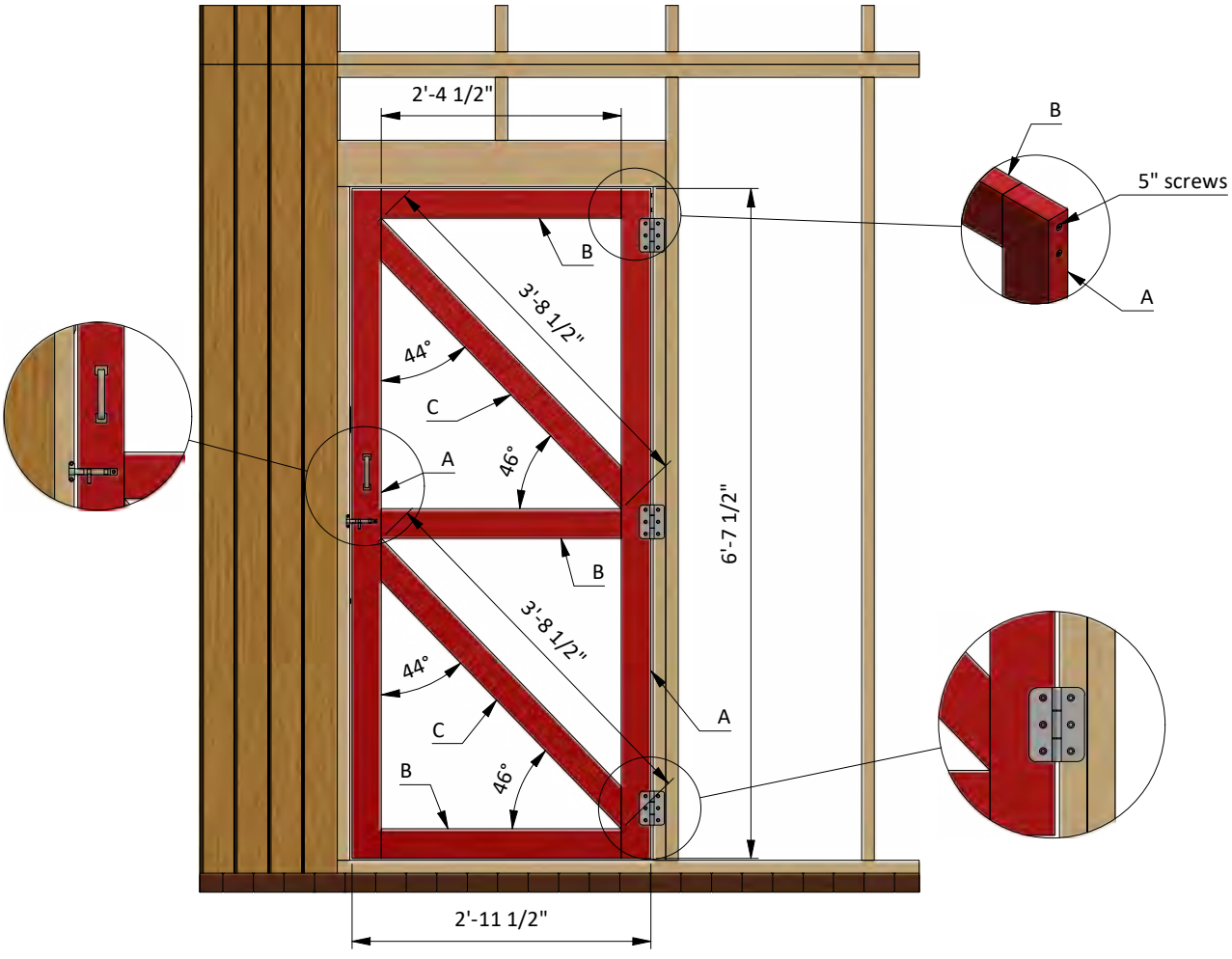
STEP 11

Assemble and Install Aviary Side Door

11.1 Build the door frame using 2x4 lumber. You will need two boards cut to 6'-6" that will be the vertical girts, three boards cut to 2'-4 1/2" that will be the horizontal girts and two boards cut to 3'-8 1/2" that will be cross braces.

11.2 Install three 4" door hinges using 1" wood screws. Finish the door installation by attaching 6" door pull and 4" surface bolt.

Pos	Description	Material	Dimension	Qty
A	Girt	2x4	6'-7 1/2"	2
B	Girt	2x4	2'-4 1/2"	3
C	Cross brace	2x4	3'-8 1/2"	2



STEP 12

Coop's Roof Sheathing Installation

12.1 Prepare metal drip edge with 6" width. You will need 50' to cover all the perimeter.

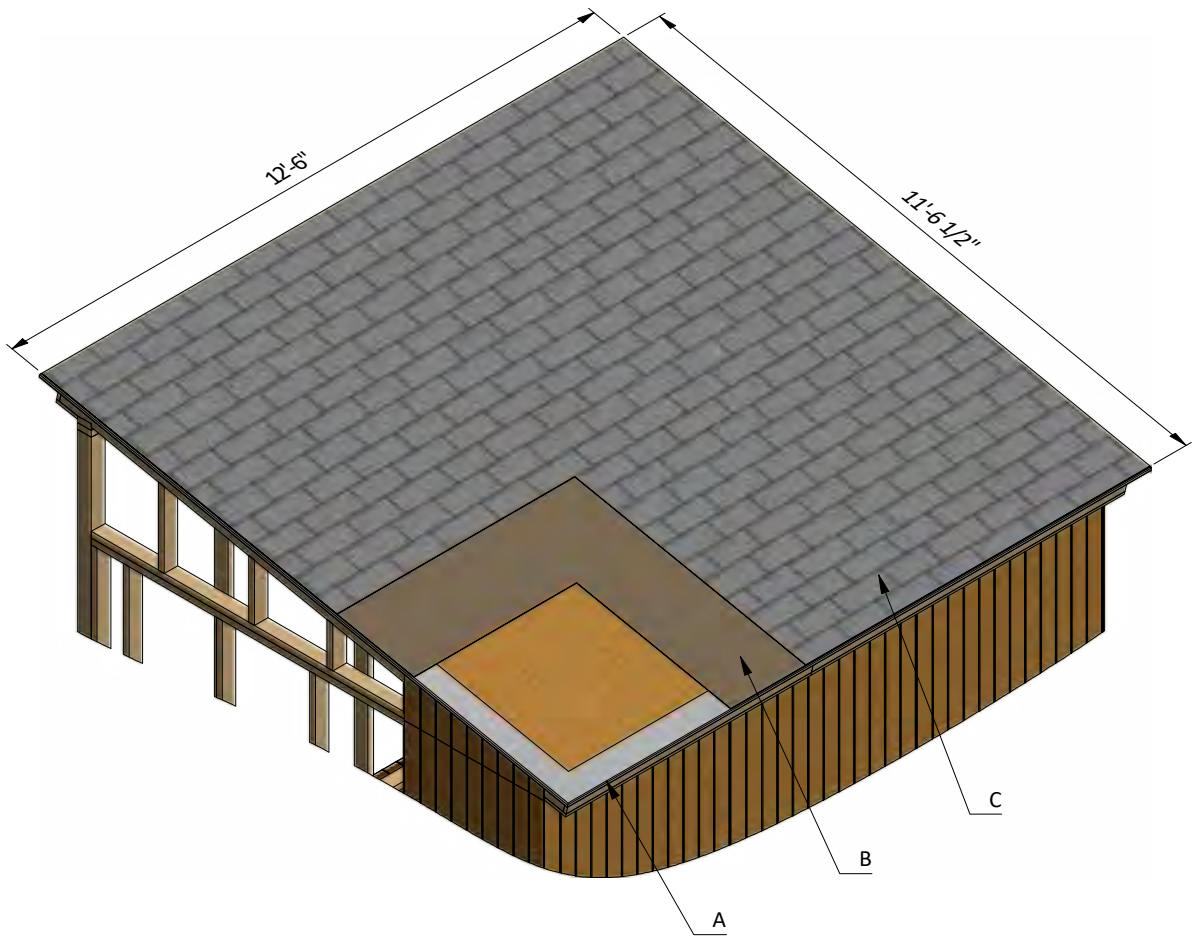
12.2 Place the drip edge down, aligning it to the plywood edge. Use 2" nails to secure the first drip edge. When you place the next drip edge piece, it should overlap the first by an inch.

12.3 You will need 145 Sq Ft of building paper and asphalt shingle roofing.

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

12.5 Install asphalt shingle roofing using an industrial stapler.

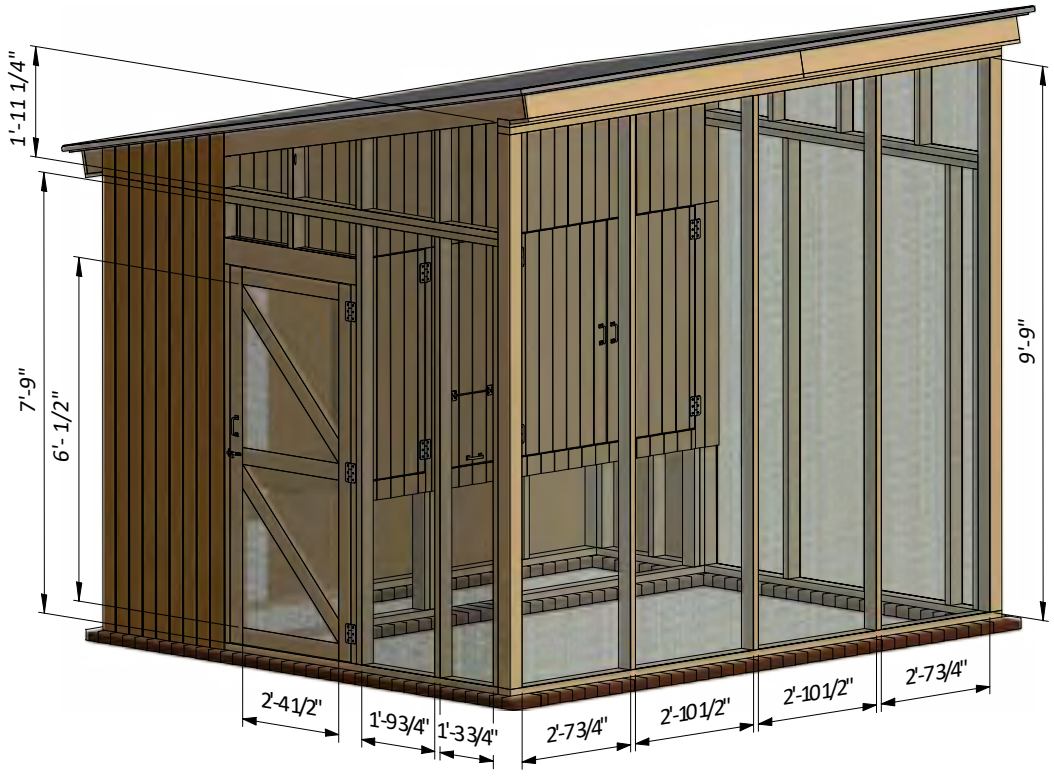
Pos	Description	Material	Dimension	Qty
A	Metal drip edge	6"	-	50'
B	Roof sheathing	Building paper	-	145 square ft
C	Roof sheathing	Asphalt shingle roofing	-	145 square ft

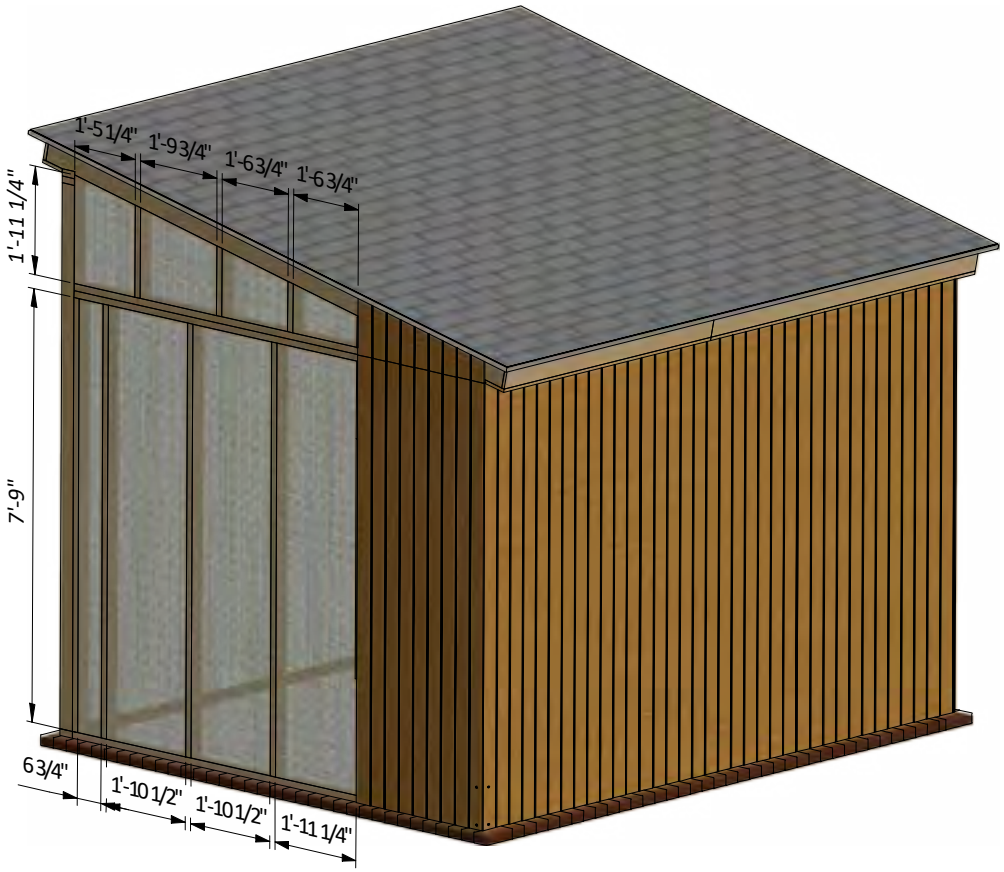


STEP 13

Mesh Wall Installation

13.1 Cover the walls with 1/4" wire mesh with the help of industrial stapler. You will need 220 sq ft.





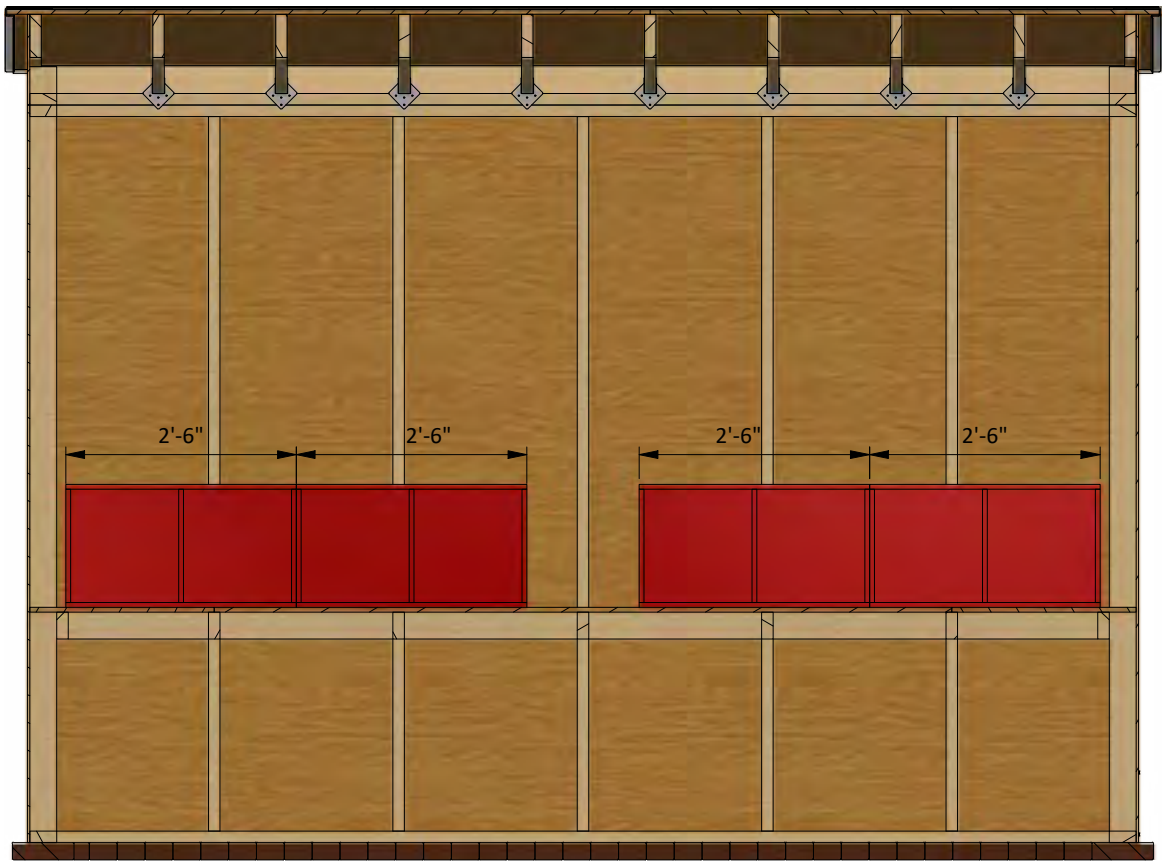
STEP 14

Assemble The Nesting Boxes

You will need to assemble four boxes.

14.1 Cut 1/2" OSB for the box according to the drawing. For each box you will need to cut three 1'-4" x 2'-6" sheets for the top, bottom and back planes and three 1'-2 3/4" x 1'-4" sheets for the side and inner partitions.

Pos	Description	Material	Dimension	Qty
A	Wall plane	1/2" OSB	1'-4" x 2'-6"	12
B	Wall plane	1/2" OSB	1'-2 3/4" x 1'-4"	12



STEP 15

Assemble and Install Coop's Front Door

You will need to assemble four half sets.

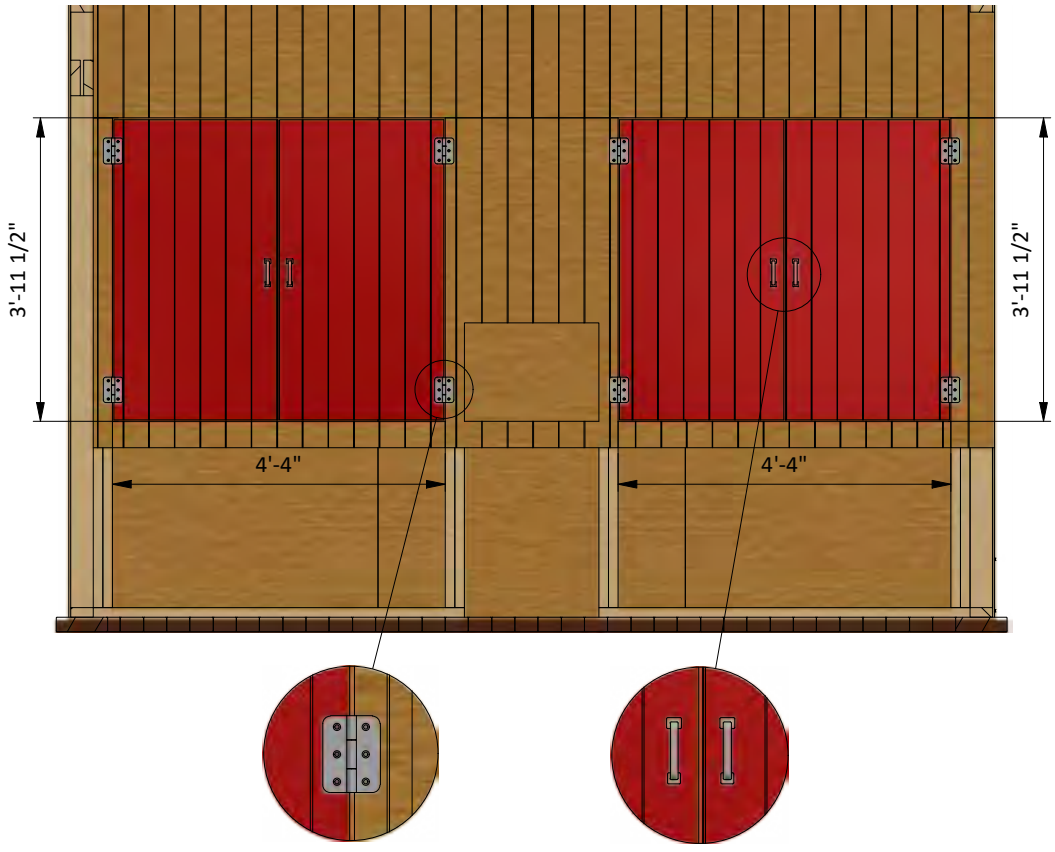
15.1 Build the door frame using 2x4 lumber. For each half set you will need two boards cut to 3'-11" that will be the vertical girts, two boards cut to 2'-1 3/4" that will be the horizontal girts and on board cut to 3'-10 1/2" that will be the cross brace.

15.2 Prepare one 1/2" OSB sheet for inner sheathing and one 11/32" plywood siding panel for outer sheathing with dimensions 2'-1 3/4" x 3'-11" sheet for the door according to the drawing.

15.3 Cut sheets of 1" foam board for the door insulation.
You will need to cut one 1'-8 3/4" x 3'-3/4" sheet and cut it diagonally

15.4 Install two 4" door hinges using 1" wood screws.
Finish the door installation by attaching 6" door pull.

Pos	Description	Material	Dimension	Qty
A	Girt	2x4	3'-11"	8
B	Girt	2x4	1'-6 3/4"	8
C	Cross brace	2x4	3'-7 3/4"	4
D	Insulation	1" foam board	1'-8 3/4" x 3'-3/4"	4
E	Door sheathing	11/32" plywood	2'-1 3/4" x 3'-11"	4
F	Inner door plane	1/2" OSB	2'-1 3/4" x 3'-11"	4



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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Fastening Elements List	X	✓
Technical Support	X	✓

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