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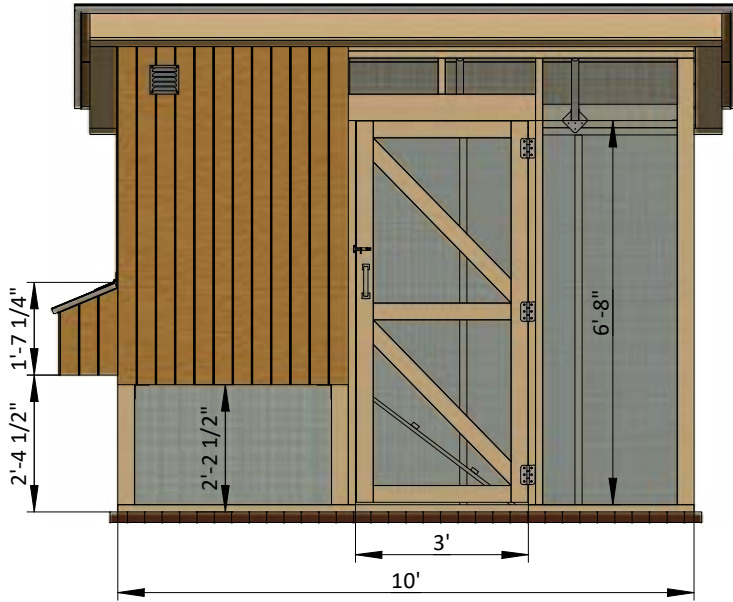
# **6'x10' Chicken Run Plan**

Up to 8 chickens

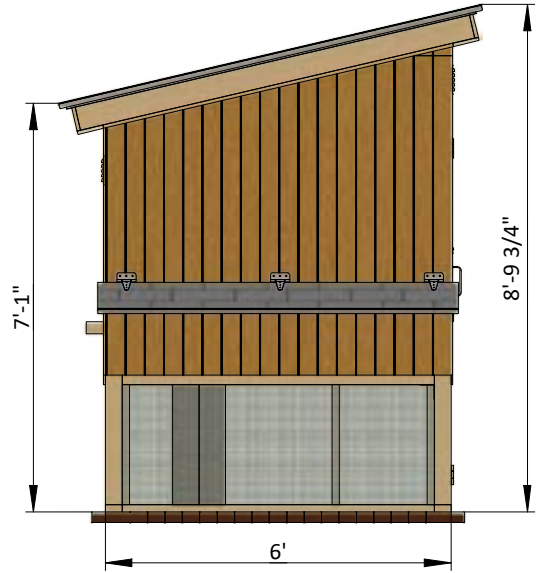
**110 pages**

# Size & Dimensions

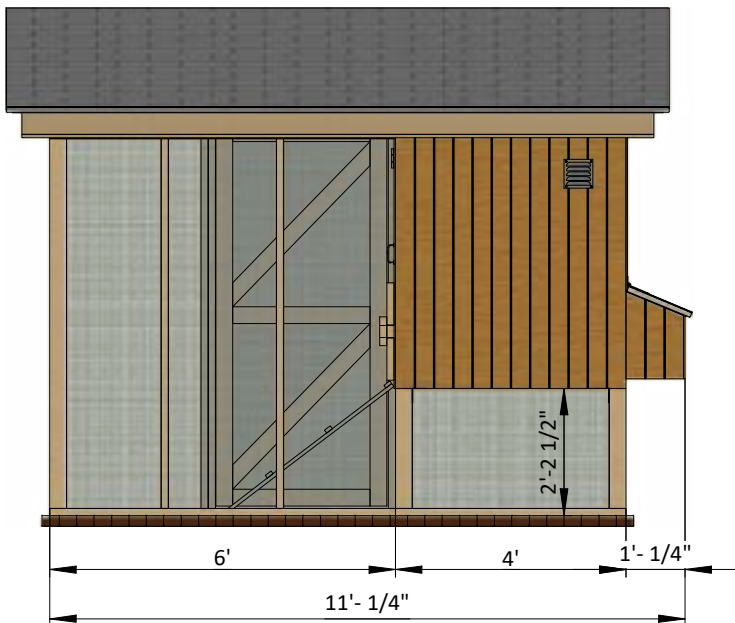
front



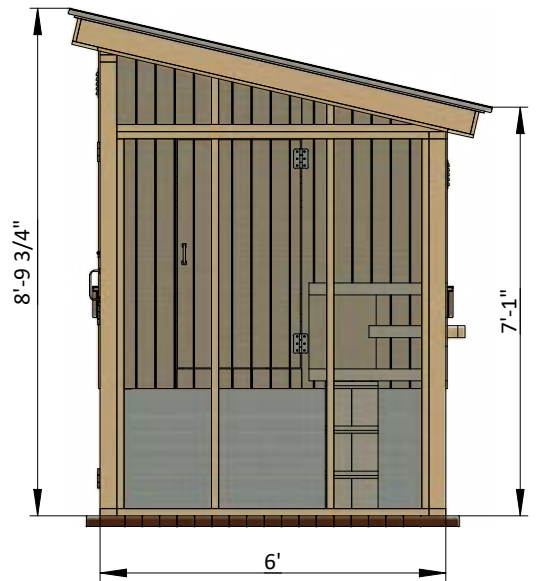
left



back



right



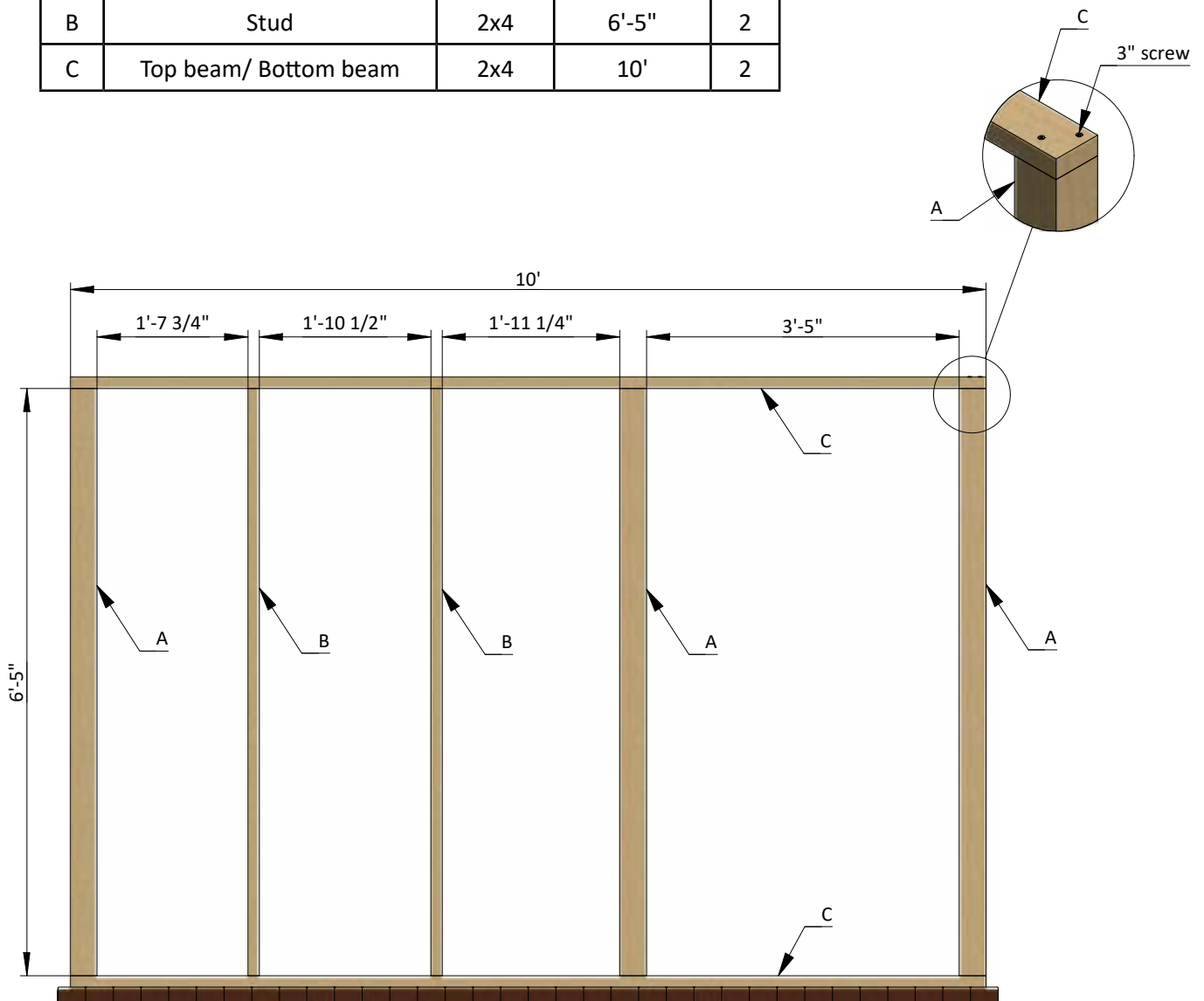
## STEP 4

### Assemble Back Wall Frame

**4.1** Using 2x4 and 4x4 lumber, construct the back wall frame using the drawing below as a reference. You will need five boards cut to 6'-5" that will be the studs and two boards cut to 10' that will be the top and bottom beams.

**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	6'-5"	3
B	Stud	2x4	6'-5"	2
C	Top beam/ Bottom beam	2x4	10'	2



## STEP 7

### Assemble the Floor Frame

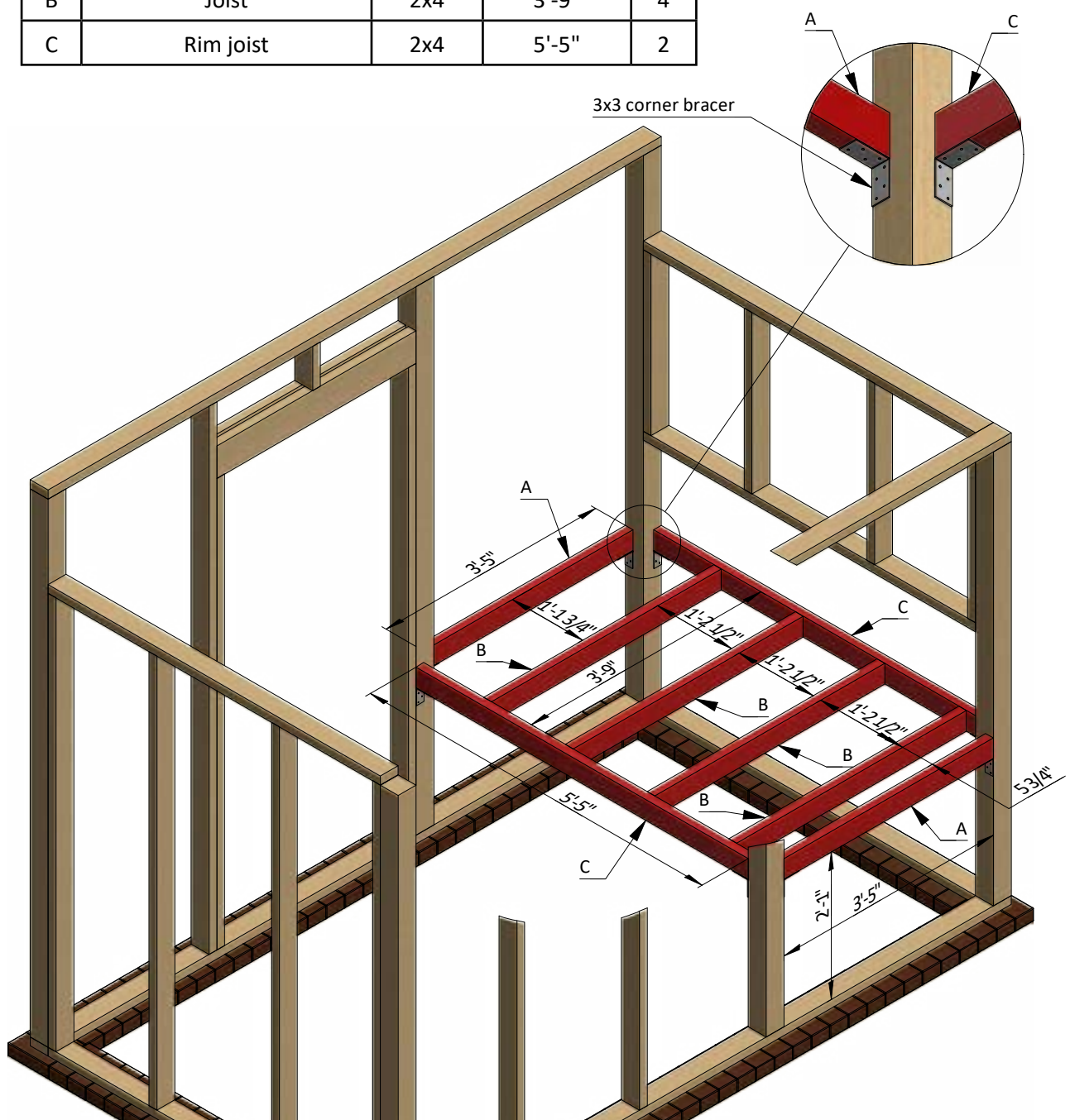
**7.1** Using 2x4 lumber, construct floor frame using the drawing below as a reference.

You will need two boards cut to 3'-5" and four boards cut to 3'-9" that will be joists and two boards cut to 5'-5" that will be rim joists.

**7.2** Connect the beams with 3"x3"x1 1/2" corner braces and 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	3'-5"	2
B	Joist	2x4	3'-9"	4
C	Rim joist	2x4	5'-5"	2



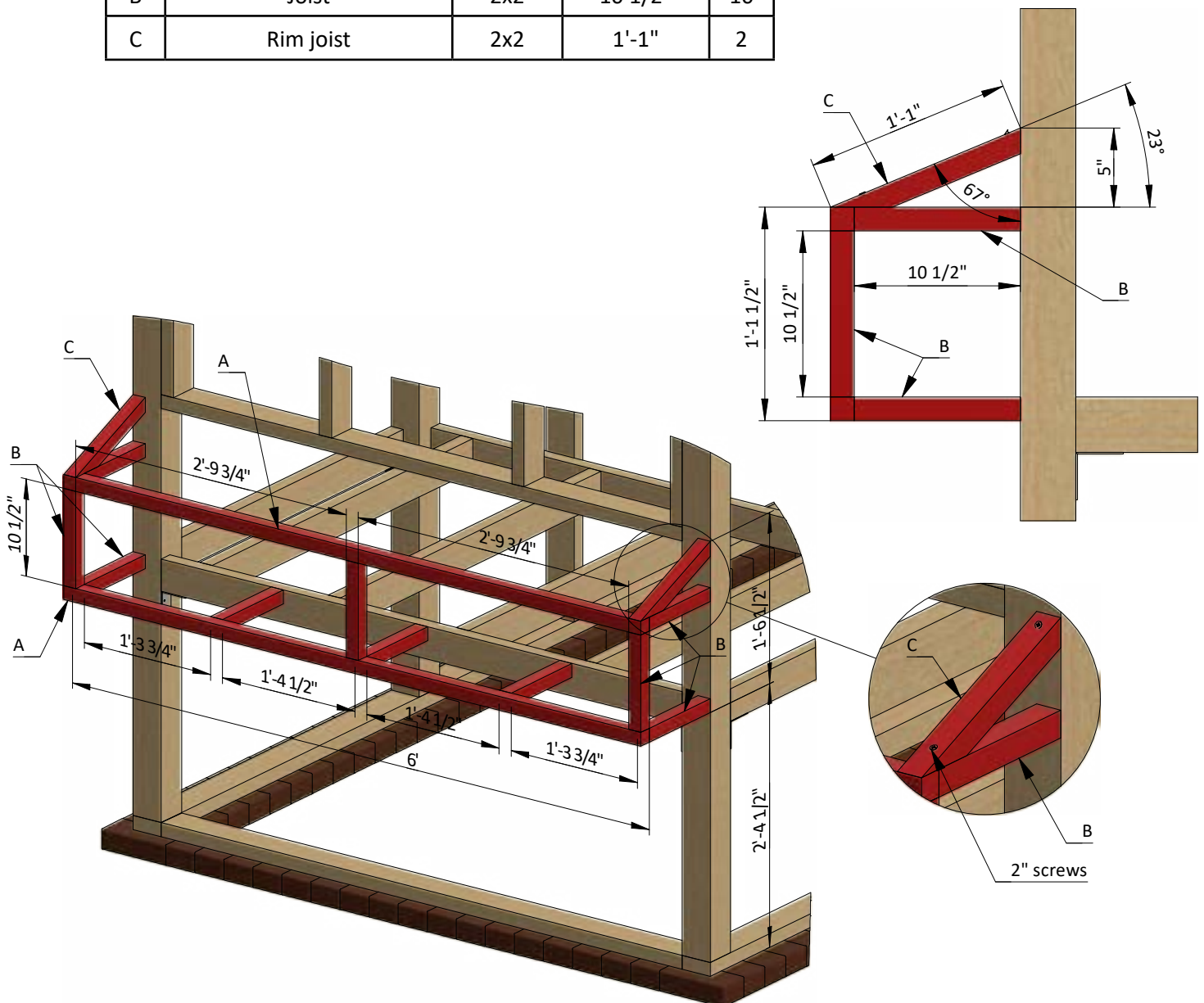
## STEP 8

### Nesting Box Frame Assembly

**8.1** Using 2x2 lumber, assemble the frame for the nesting box using the illustrations below as a guide. You will need two boards cut to 6' and three boards cut to 10 1/2" that will be front girts, two boards cut to 1'-1" and two boards cut to 10 1/2" that will be top girts, five boards cut to 10 1/2" that will be bottom girts.

**8.2** Make sure to provide slope for the lid of the nesting box.

Pos	Description	Material	Dimension	Qty
A	Joist	2x2	6'	2
B	Joist	2x2	10 1/2"	10
C	Rim joist	2x2	1'-1"	2



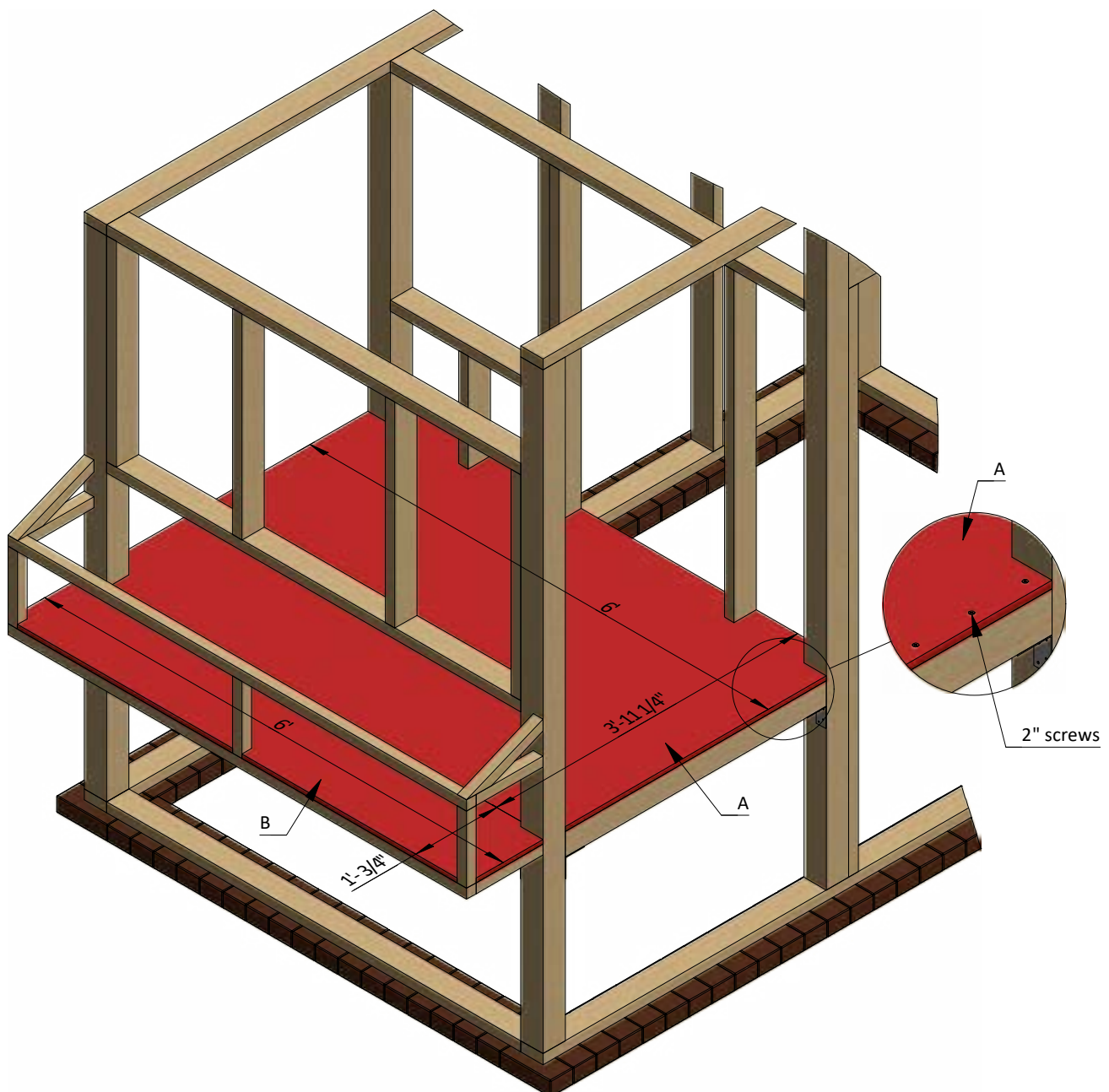
## STEP 9

### Install the Plywood Floor

9.1 Prepare the 1/2" OSB for the floor sheathing according to the drawing. You will need one 3'-11 1/4" x 6' sheet and one 1'-3/4" x 6' sheet. Provide cuttings for connection with studs.

9.2 Secure the plywood with 2" wood screws.

Pos	Description	Material	Dimension	Qty
A	Floor sheathing	1/2" OSB	3'-11 1/4" x 6'	1
B	Floor sheathing	1/2" OSB	1'-3/4" x 6'	1



## STEP 13

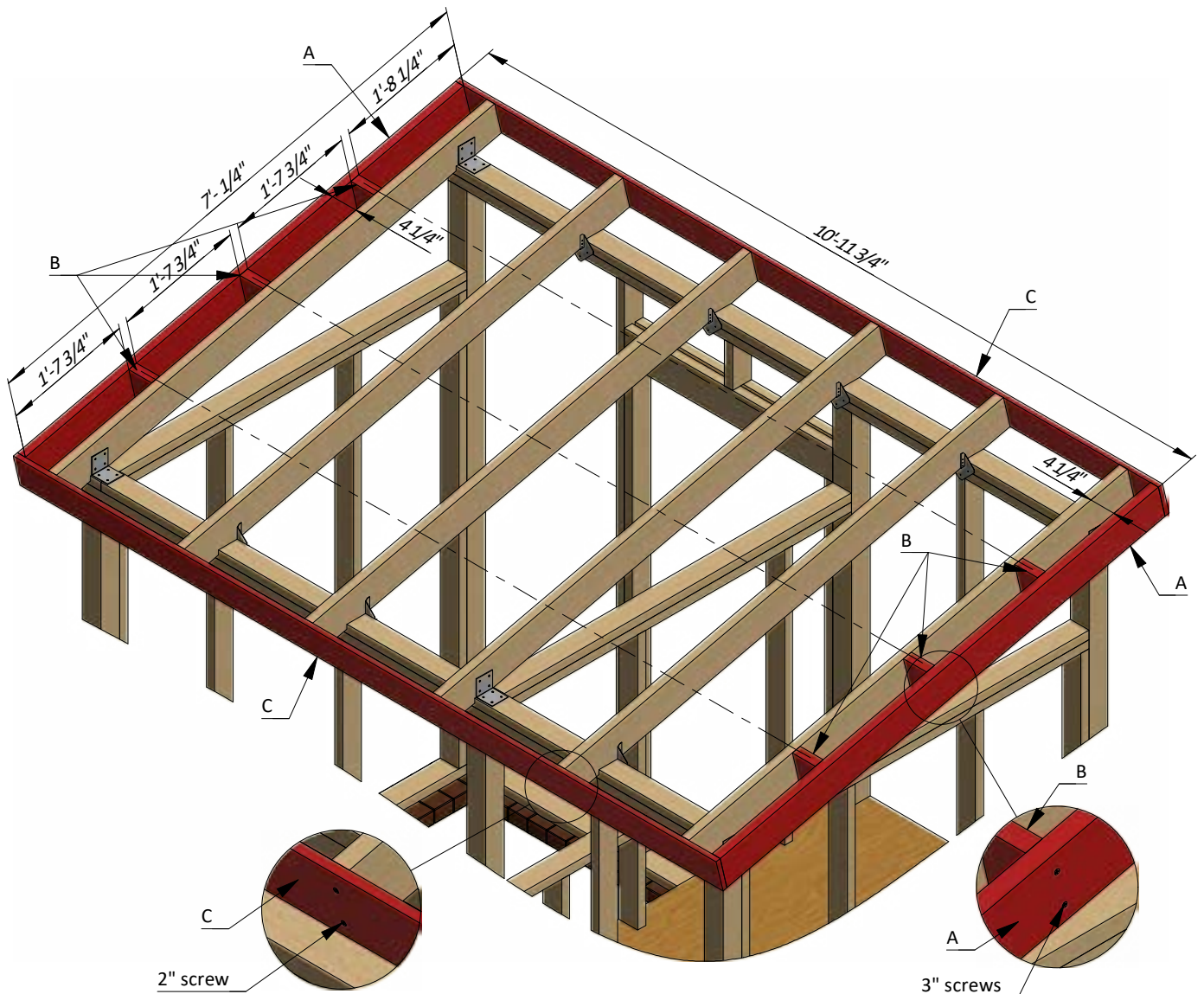
### Assemble the Roof Frame

**13.1** Using 1x6 and 2x6 lumber, construct roof frame using the drawing below as a reference. You will need two boards cut to 7'-1/4" that will be rakeboards, six boards cut to 4 1/4" that will be outlookers and two boards cut to 10'-11 3/4" that will be fascias.

**13.2** Connect the beams with 2" and 3" wood screws.

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

Pos	Description	Material	Dimension	Qty
A	Rakeboard	2x6	7'-1/4"	2
B	Outlooker	2x6	4 1/4"	6
C	Fascia	1x6	10'-11 3/4"	2



## STEP 19

### Assemble and Install Coop's Front Door

**19.1** Build the door frame using 2x4 lumber. You will need two boards cut to 3'-11 1/2" that will be the vertical girts, two boards cut to 1'-6 3/4" that will be the horizontal girts and one board cut to 3'-8 1/2" that will be the cross brace.

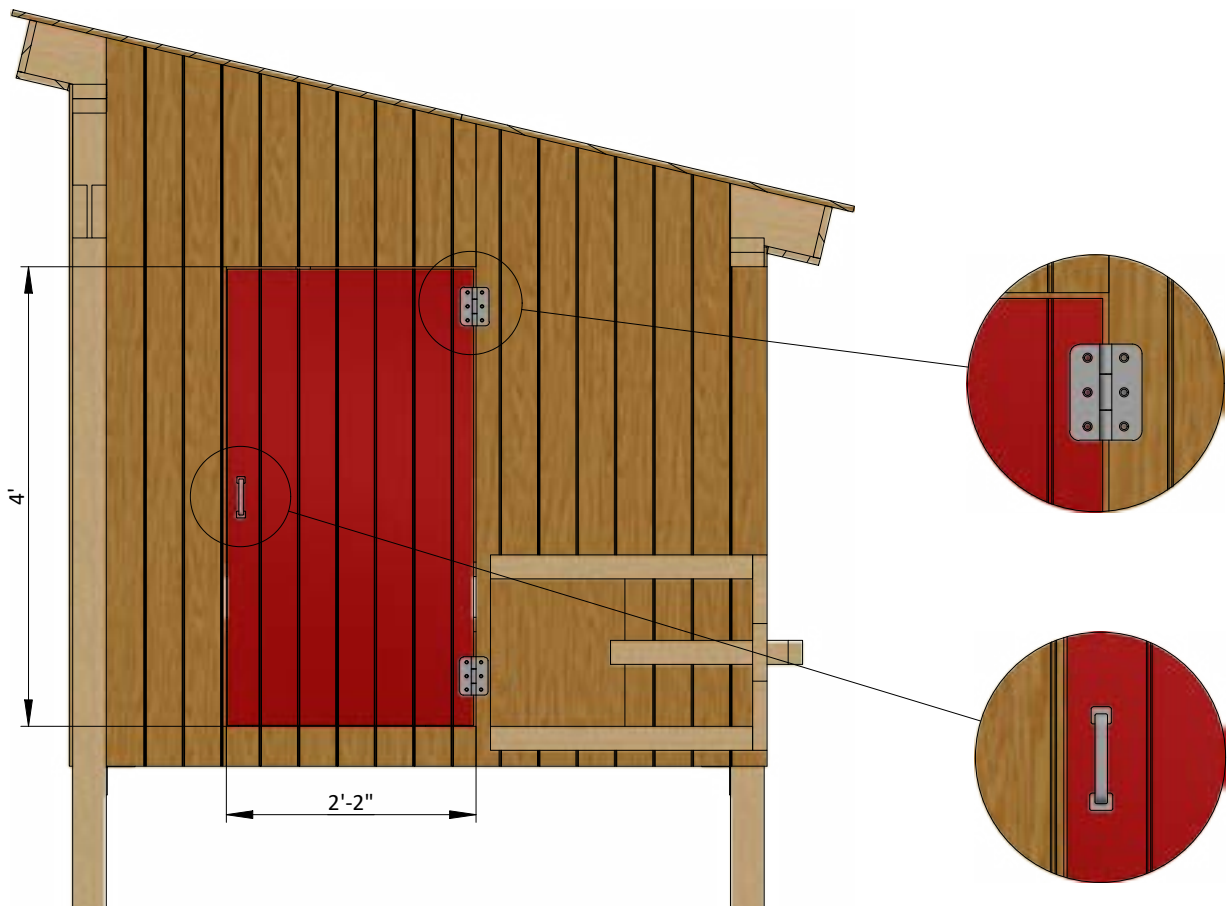
**19.2** Prepare the 11/32" plywood siding for outer sheathing.

You will need to cut one 2'-1 3/4" x 3'-11 1/2" sheet for the door according to the drawing.

**19.3** 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 1/2"	2
B	Girt	2x4	1'-6 3/4"	2
C	Cross brace	2x4	3'-11 1/2"	1
D	Door sheathing	11/32" plywood	2'-1 3/4" x 3'-11 1/2"	1





## STEP 21

# Coop's Roof Sheathing Installation

**21.1** Prepare metal drip edge with 6" width. You will need 40' to cover all the perimeter.

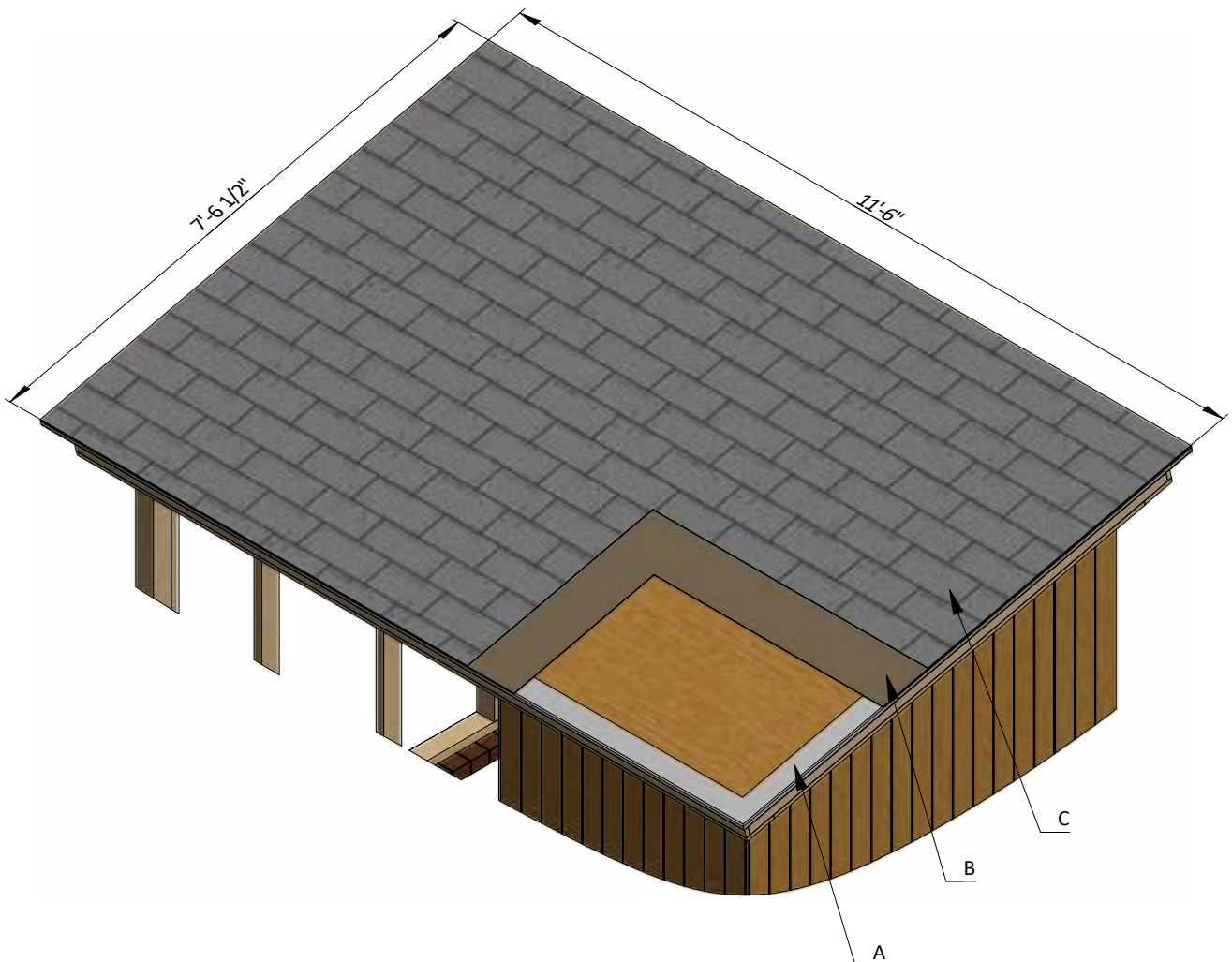
**21.2** Place the drip edge down, aligning it to the plywood edge. Use 2" nails to secure the first drip edge. When you place the next drip edge piece, it should overlap the first by an inch.

**21.3** You will need 87 Sq Ft of building paper and asphalt shingle roofing.

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

**21.5** Install asphalt shingle roofing using an industrial stapler.

Pos	Description	Material	Dimension	Qty
A	Metal drip edge	6"	-	40'
B	Roof sheathing	Building paper	-	87 square ft
C	Roof sheathing	Asphalt shingle roofing	-	87 square ft



## STEP 4A

### Install the Ventilation Louver

**4A.1** To install the ventilation louver, two 4 1/2" diameter holes in the top of the back and front walls through the outer sheathing, insulation and inner sheathing.

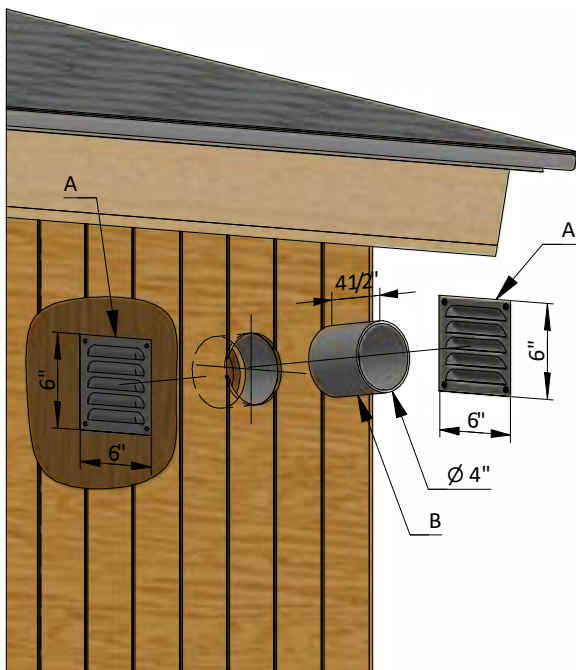
**4A.2** Insert the 4" ventilation pipe to isolate the inner space between walls.

**4A.3** Fix the louvers to the outer and inner walls, completely overlaying the opening.

Pos	Description	Material	Dimension	Qty
A	Ventilation louver	26 Gauge galvanized steel	6" x 6"	4
B	Ventilation pipe	4" pipe	4 1/2"	2

#### Back wall

( 1 : 12 )



#### Front wall

( 1 : 12 )

