Craftcamp

Free 8' x 16' Chicken Coop Plan

Up to 12 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
Metric measurements	X	✓
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

30-day refund policy with no questions asked.
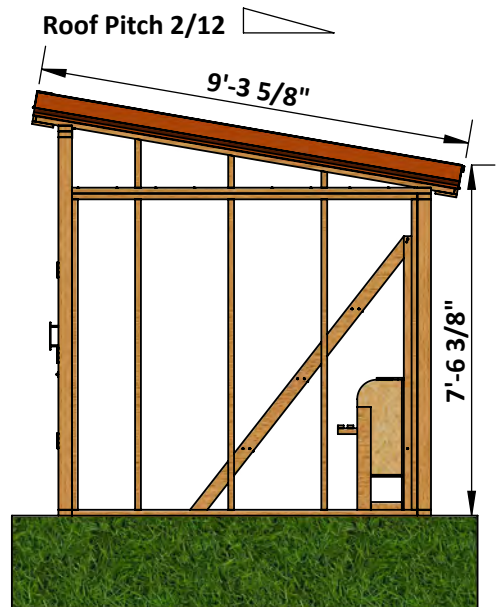
8' x 16' Chicken Run Shopping list

Lumber (4 x 4)	Pcs	4	8'
Lumber (2 x 6)	Pcs	9	10'
Lumber (2 x 6)	Pcs	1	8'
Lumber (2 x 4)	Pcs	47	8'
Lumber (2 x 4)	Pcs	3	6'
Lumber (1 x 6)	Pcs	8	8'

Size & Dimensions

Front

16'-3"
16'
6'-6"
9'-1 1/2"

Right

Roof Pitch 2/12
9'-3 5/8"
7'-6 3/8"

Back

16'-3"
7'-6 1/4"

Left

9'-3 5/8"
9'-1 1/2"
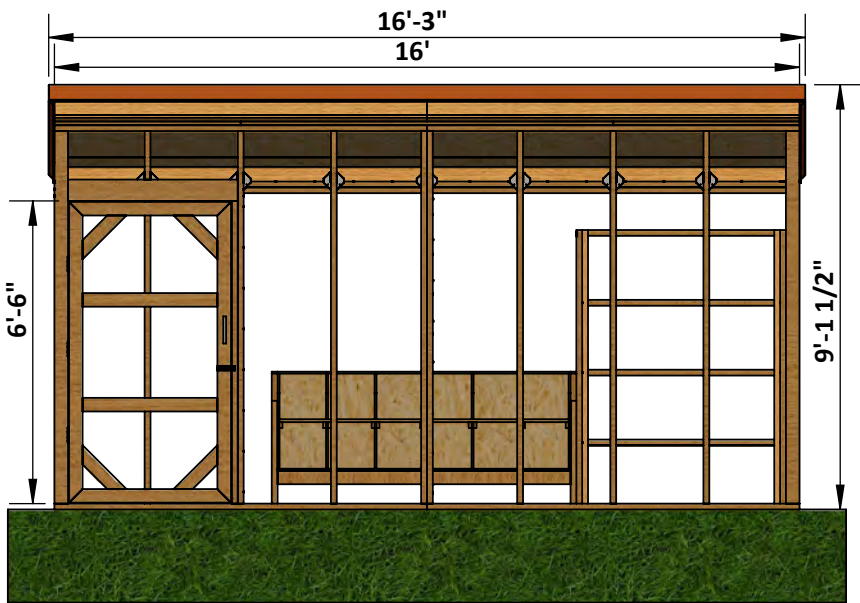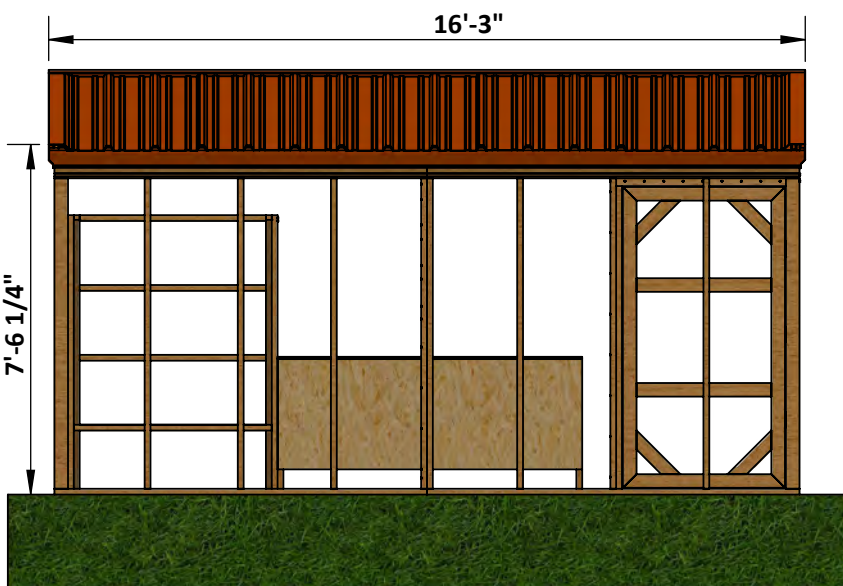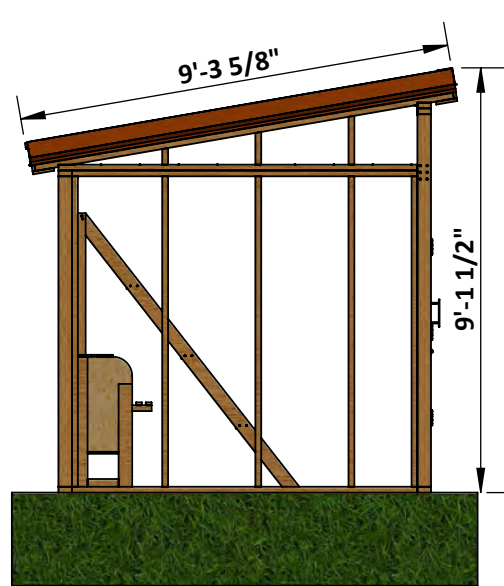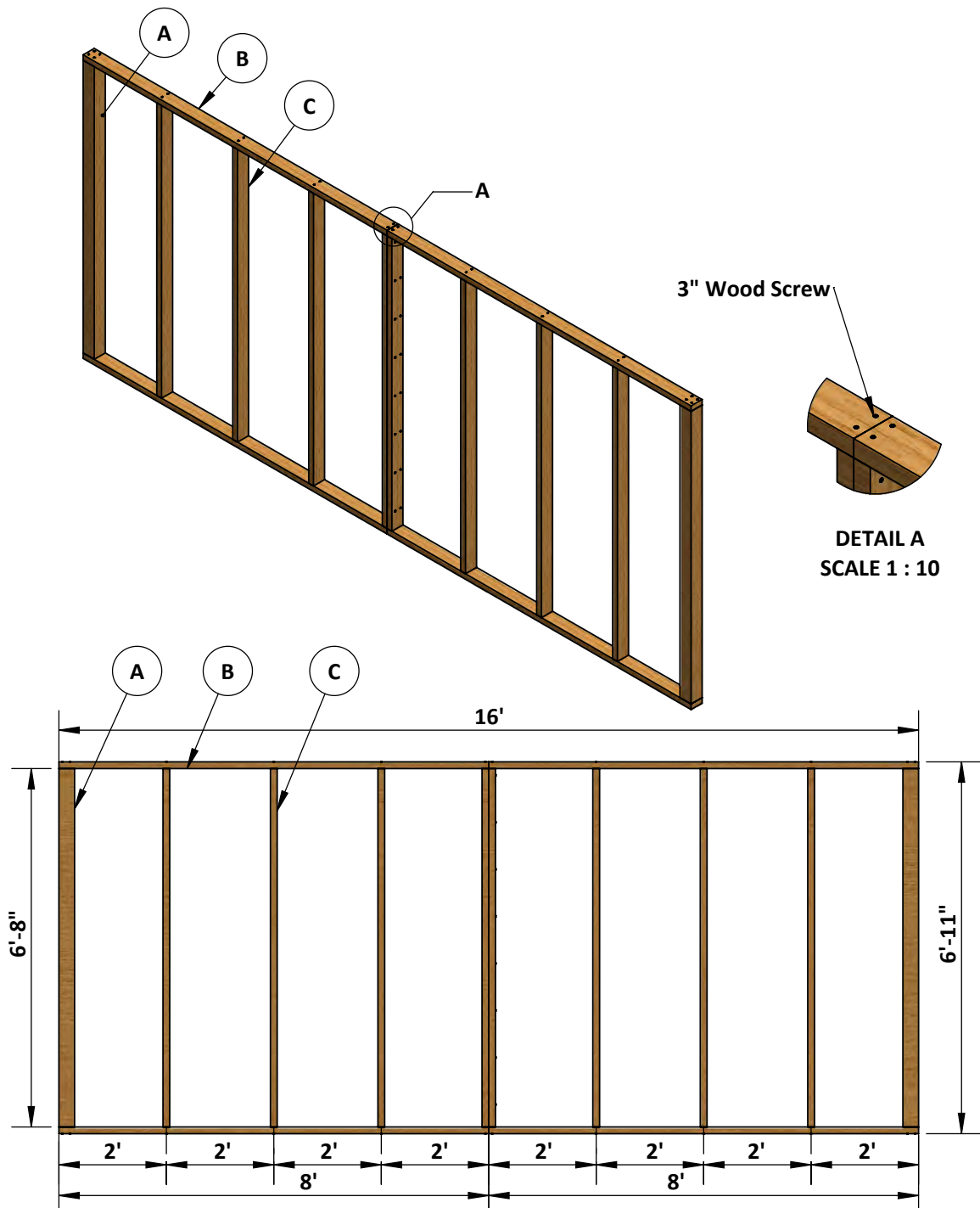
Interior View

Back Wall Frame Assembly

1.1 Assemble the frame using 2 x 4 and 4 x 4 lumber.

1.2 Secure the beams and studs with 3" wood screws.

Pos	Description	Material	Dimension	Qty
A	Studs	4 x 4	6'-8"	2
B	Top/Bottom Beam	2 x 4	8'	4
C	Studs	2 x 4	6'-8"	8

3" Wood Screw

DETAIL A
SCALE 1 : 10

16'

6'-8"

6'-11"

2'   2'   2'   2'   2'   2'   2'   2'
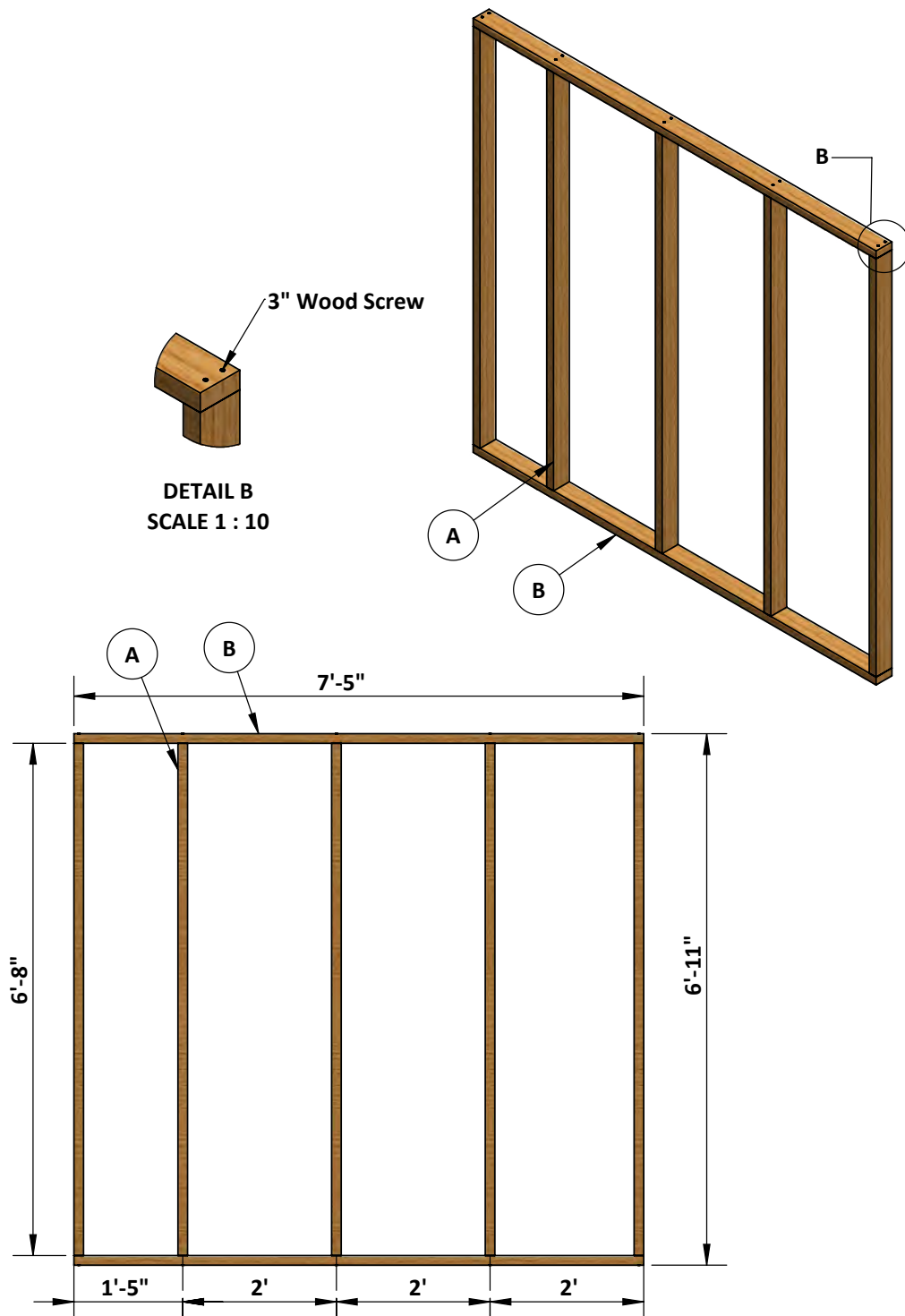
8'   8'

Side Wall Frame (Left & Right) Assembly

2.1 Assemble the frame using 2 x 4 lumber attached in Left and Right side.

2.2 Secure the beams and studs with 3" wood screws.

Pos	Description	Material	Dimension	Qty
A	Studs	2 x 4	6'-8"	10
B	Top/Bottom Beam	2 x 4	7'-5"	4

3" Wood Screw

**DETAIL B**
SCALE 1 : 10

Front Wall Frame Assembly

3.1 Assemble the frame using 2 x 4, 2 x 6 and 4 x 4 lumber.

3.2 Secure the beams,Door Header and studs with 3" and 5" wood screws.

Pos	Description	Material	Dimension	Qty
A	Studs	4 x 4	8'	2
B	Top/Bottom Beams	2 x 4	8'	4
C	Studs	2 x 4	8'	7
D	Door Header	2 x 6	3'-7 3/4"	2
E	Door Header	OSB 1/2"	5 1/2" x 3'-7 3/4"	1
F	Stud	2 x 4	1'-1/2"	1
G	Stud	2 x 4	6'-6"	1

3" Wood Screw

DETAIL C
SCALE 1 : 10
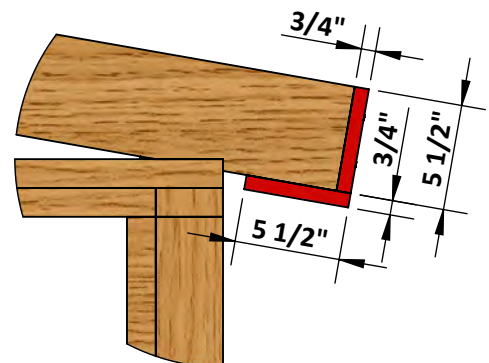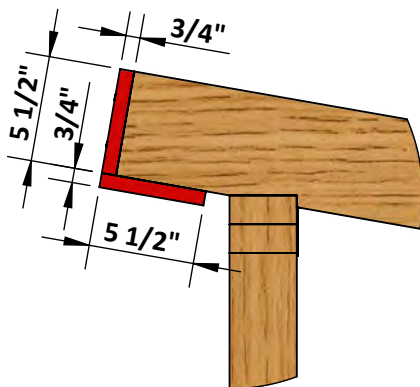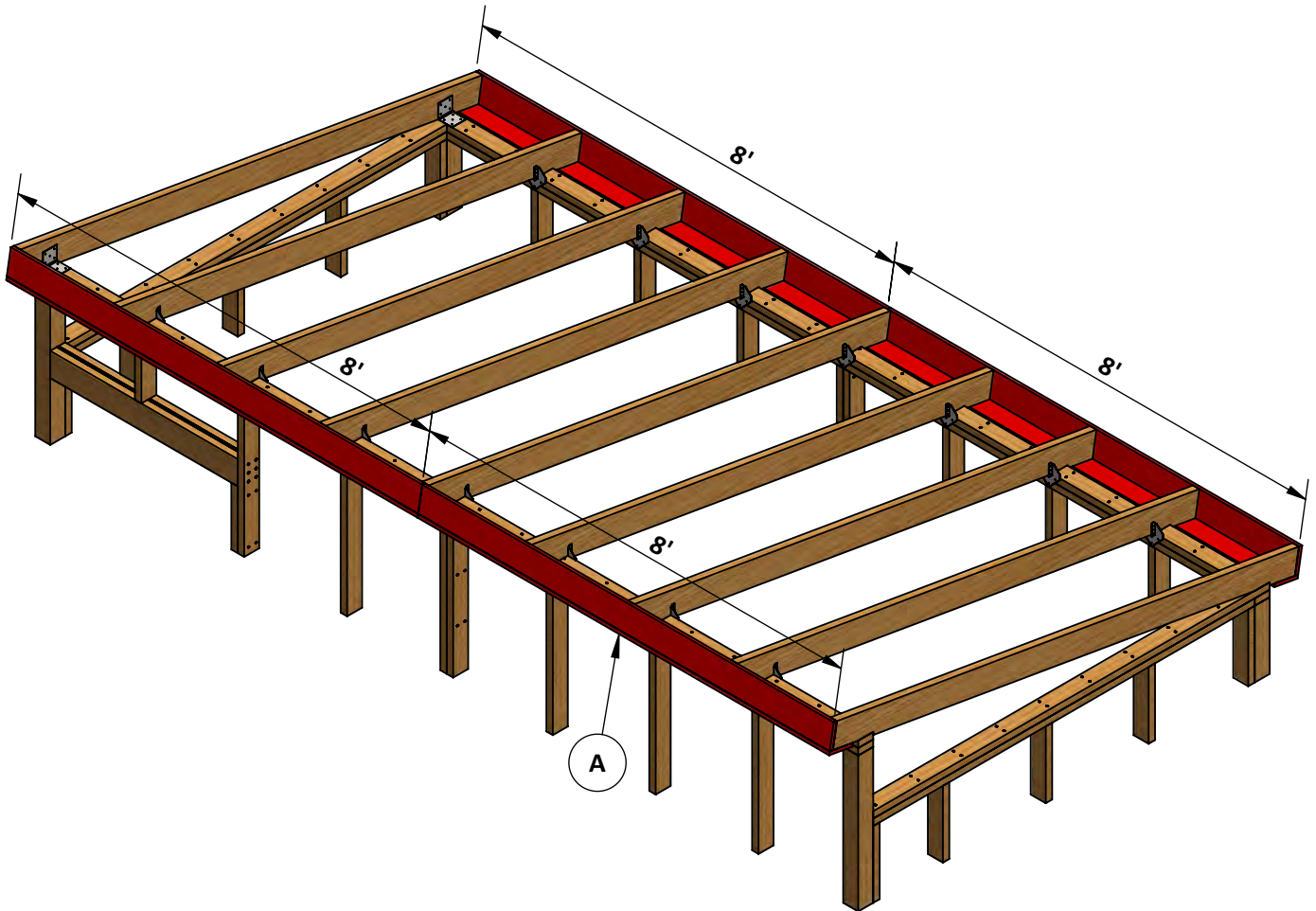
5" Wood Screw

DETAIL D
SCALE 1 : 10
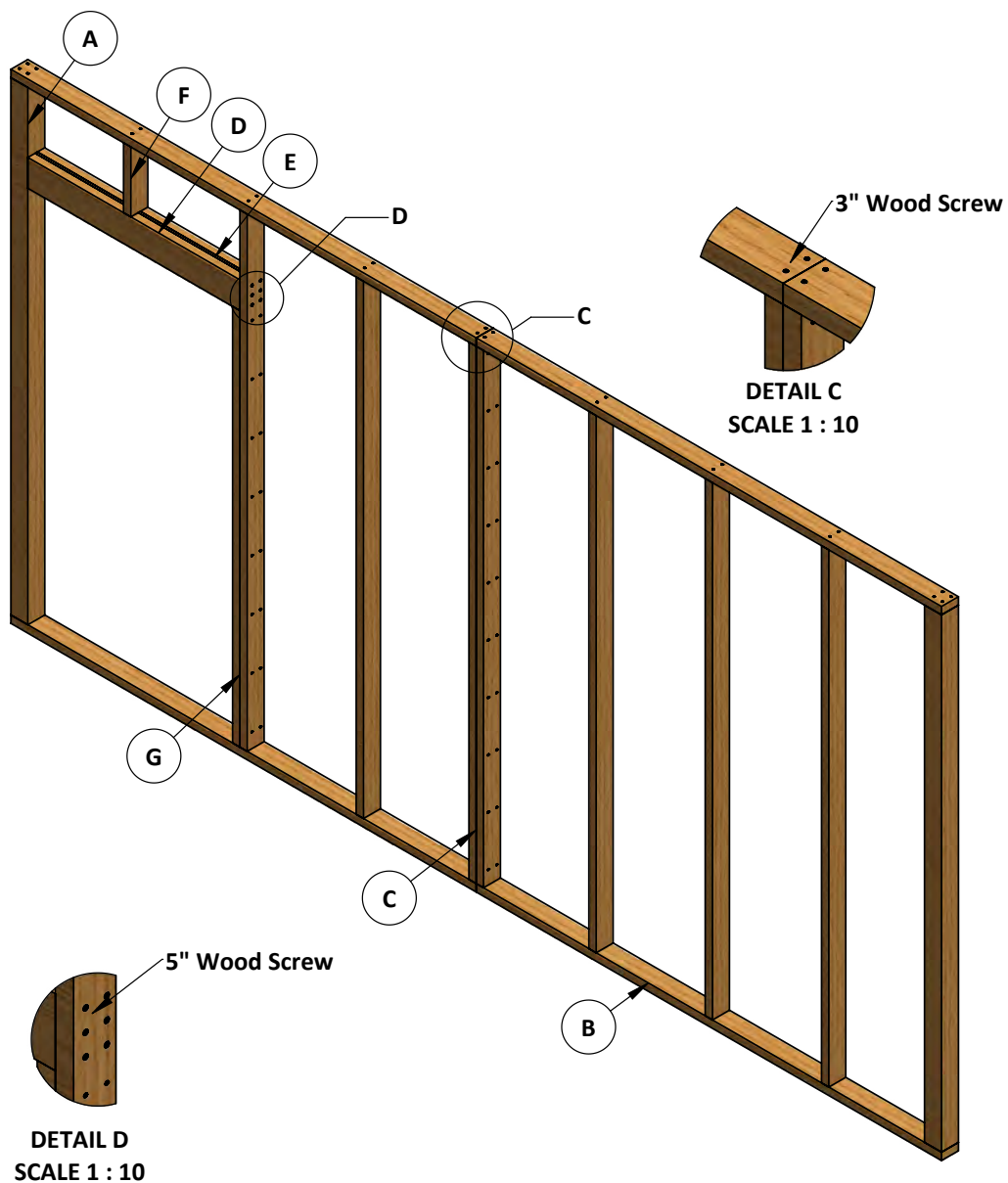
Fascias Assembly

4.1 Assemble the fascias using 1 x 6 lumber.

4.2 Secure the fascias with 2" wood screws.

| Pos	Description	Material	Dimension	Qty
A	Fascias	1 x 6	8'	8

Metal Roof Assembly

5.1 Assemble the PBR panels in 15'-10 5/8" x 9'-3 5/8" roof area.

5.2 Assemble the eave flashing EF-3 according to node 1 below.

5.3 Assemble the gable rake GR-6 according to node 2 below.

5.4 Assemble the high side eave HS-2 according to node 3 below.

5.5 Secure the PBR panels, eave flashing, gable rake and high side eave with #9x1-1/2 screw and #12x1-1/2 screw.

PBR Panels

9'-3 5/8"

15'-10 5/8"

16'-2 3/4"

Eave Flashing EF-3

PBR Panels

Eave Flashing EF-3

#9x1-1/2 Screw

3 3/4"

3 7/8"

5/8"

Node:1
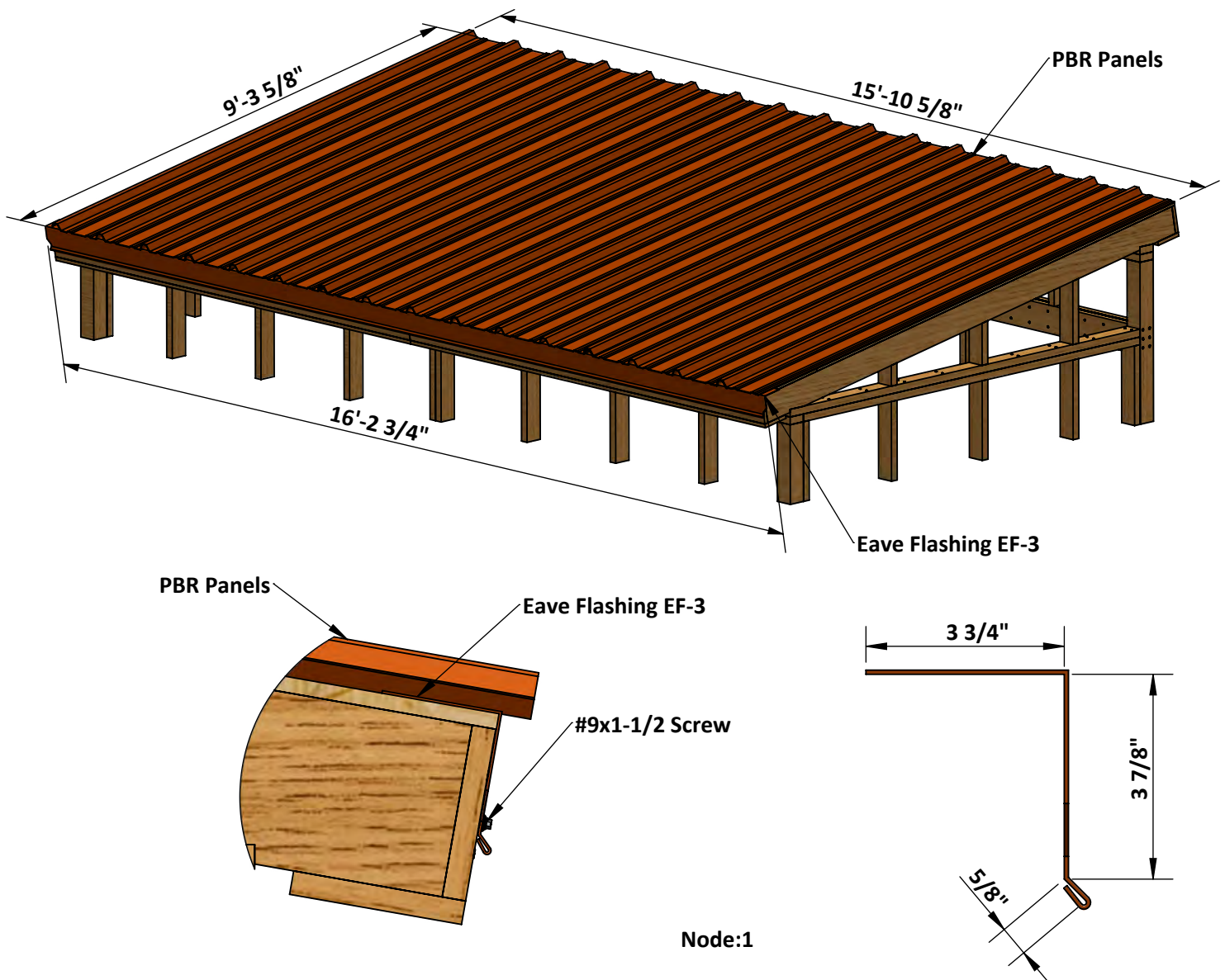
Placement of Nesting Box and Roosting bars in the Coop

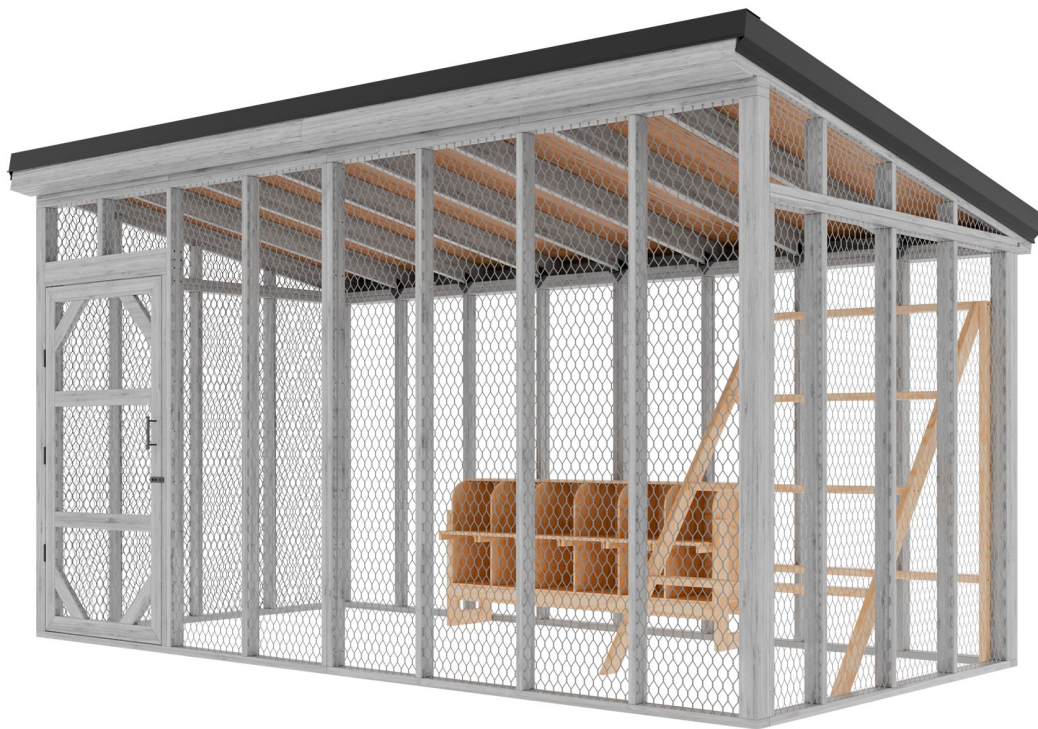**6.1** Place the nesting box and the roosting bars at the switable position in the chicken coop

Final touches

Now that your Chicken run is all done, you can decorate it using your favorite paint, stain, or preservative and prepare for petting chickens.

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