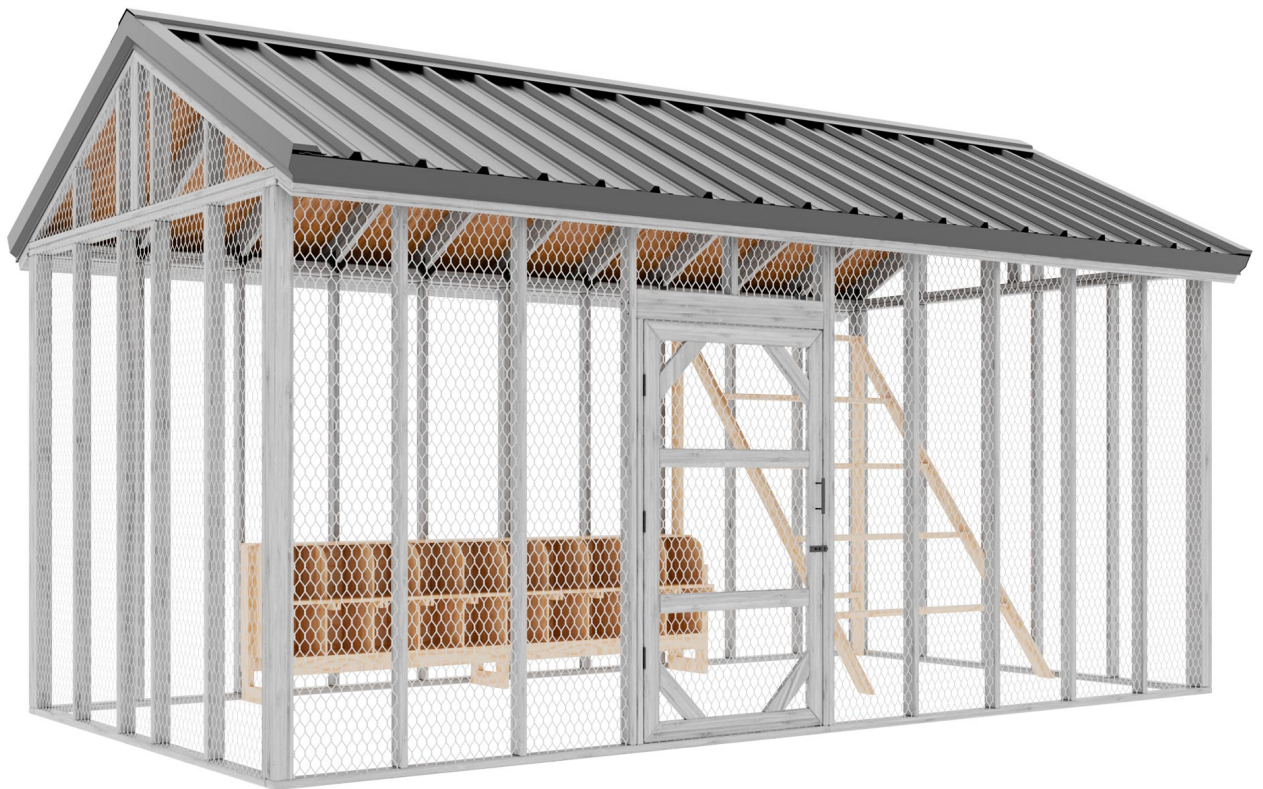




Free 10' x 20' Chicken Coop Plan

Up to 20 chickens



Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	13	14
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	✗	✓

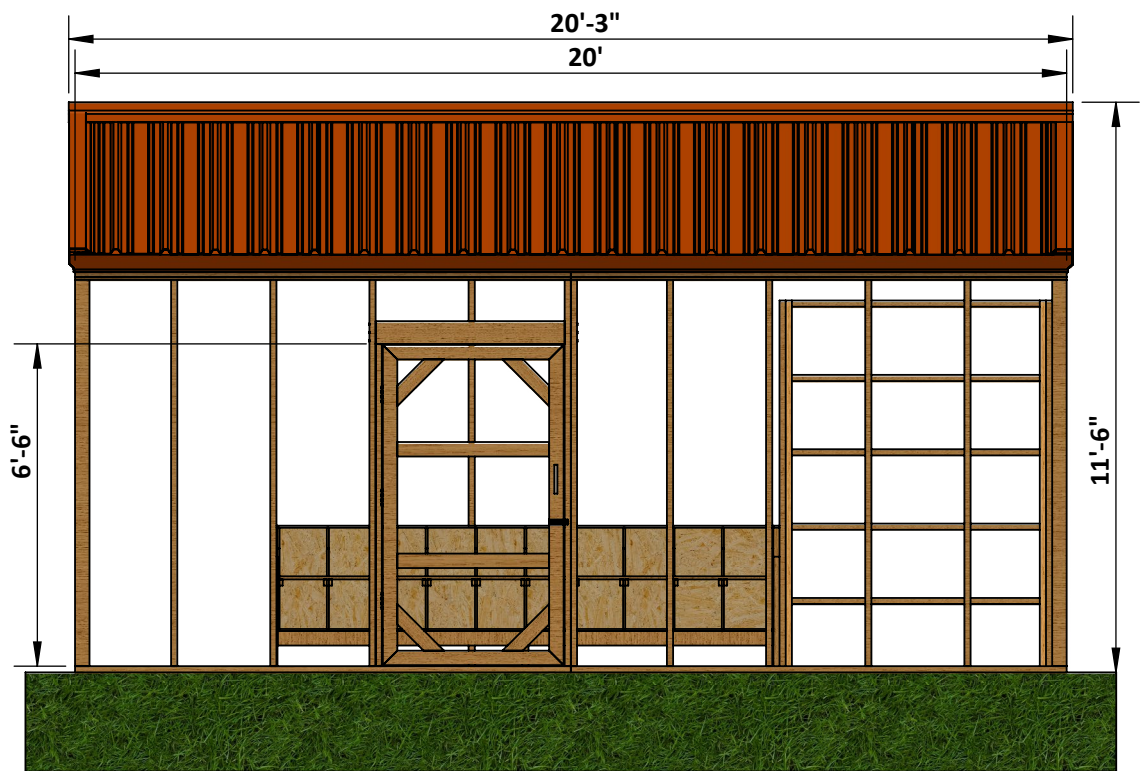
[TRY PREMIUM](#)

10'x20' chicken coop material list

Materials	Unit	Qty	Size
Lumber (4 x 4)	Pcs	4	8'
Lumber (2 x 6)	Pcs	26	8'
Lumber (2 x 4)	Pcs	18	10'
Lumber (2 x 4)	Pcs	42	8'
Lumber (2 x 4)	Pcs	6	6'
Lumber (1 x 6)	Pcs	8	10'
OSB 1/2"	Pcs	10	8' x 4'

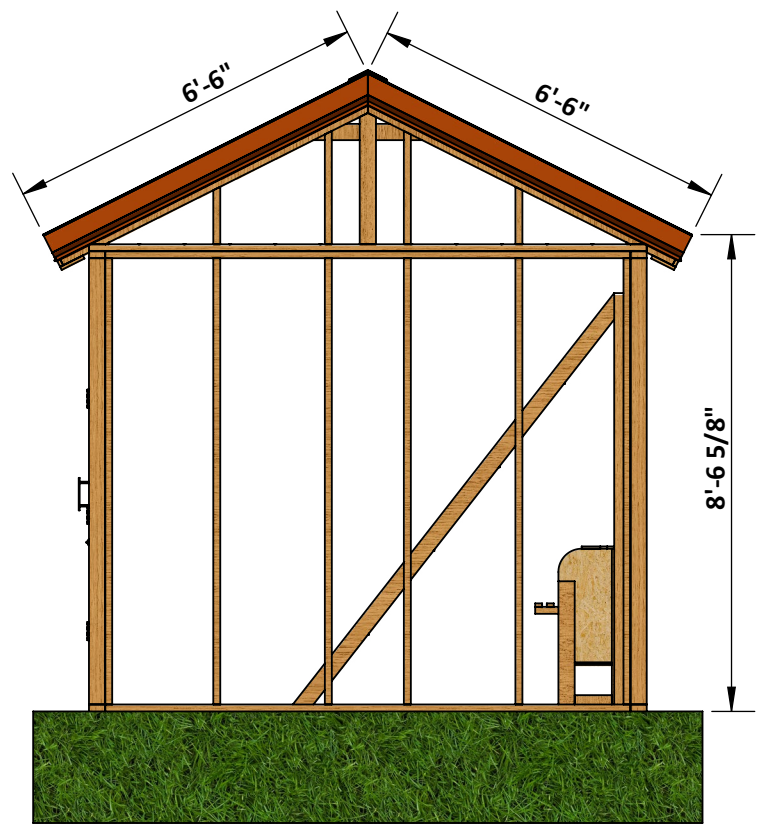
Size & Dimensions

Front



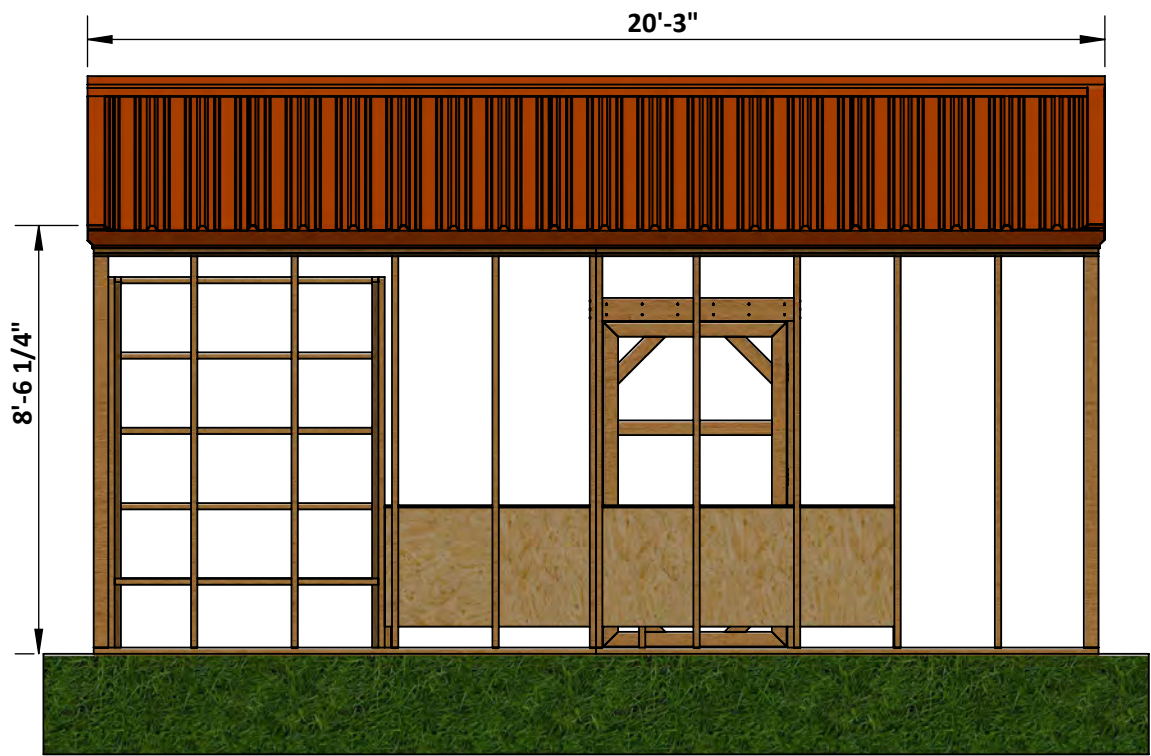
Roof Pitch 6/12

Right

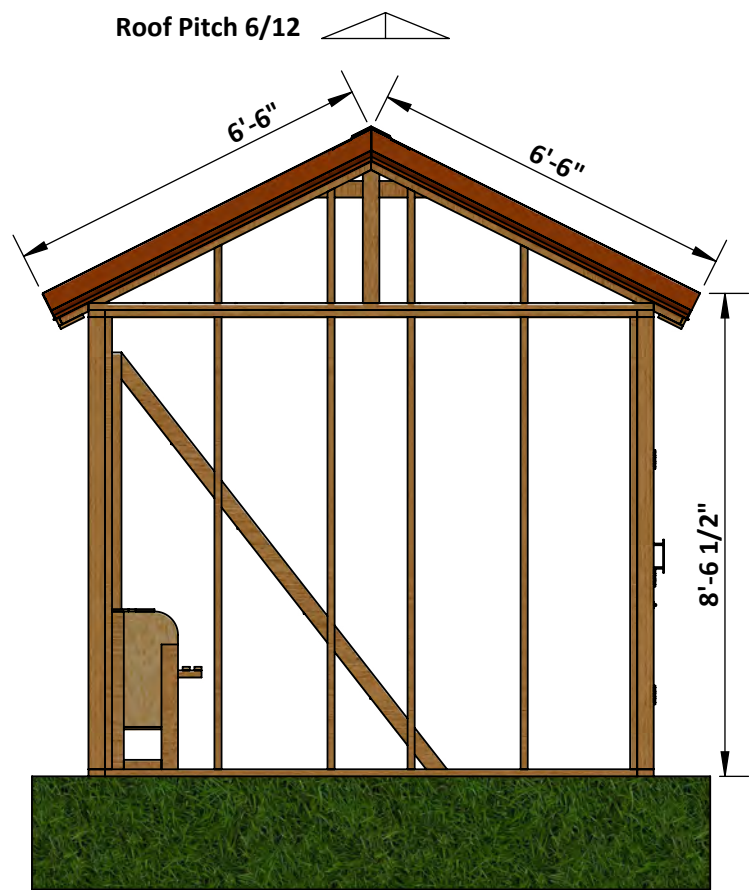


Size & Dimensions

Back



Left



Model View



Interior View



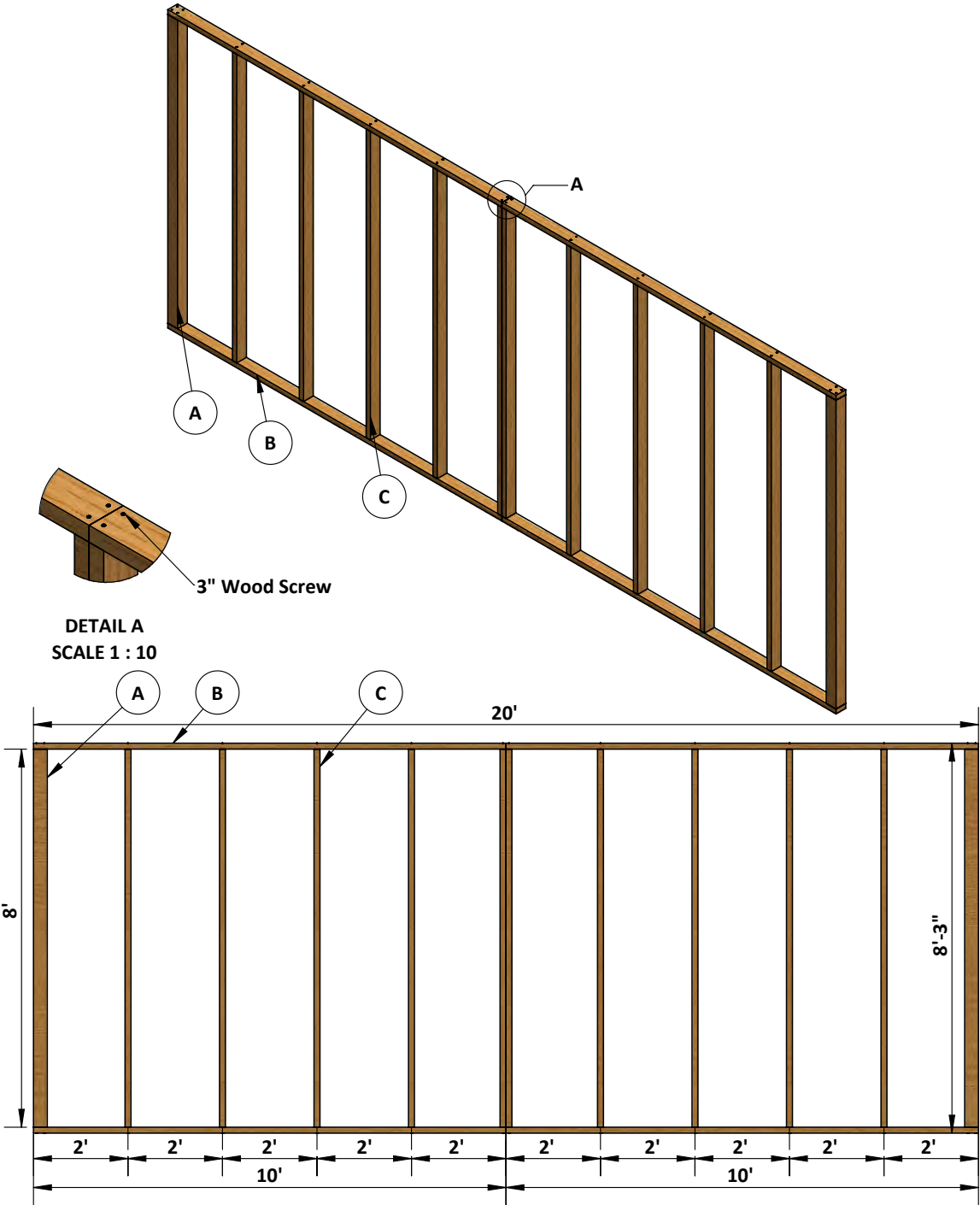
STEP 1

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	8'	2
B	Top/Bottom Beam	2 x 4	10'	4
C	Studs	2 x 4	8'	10



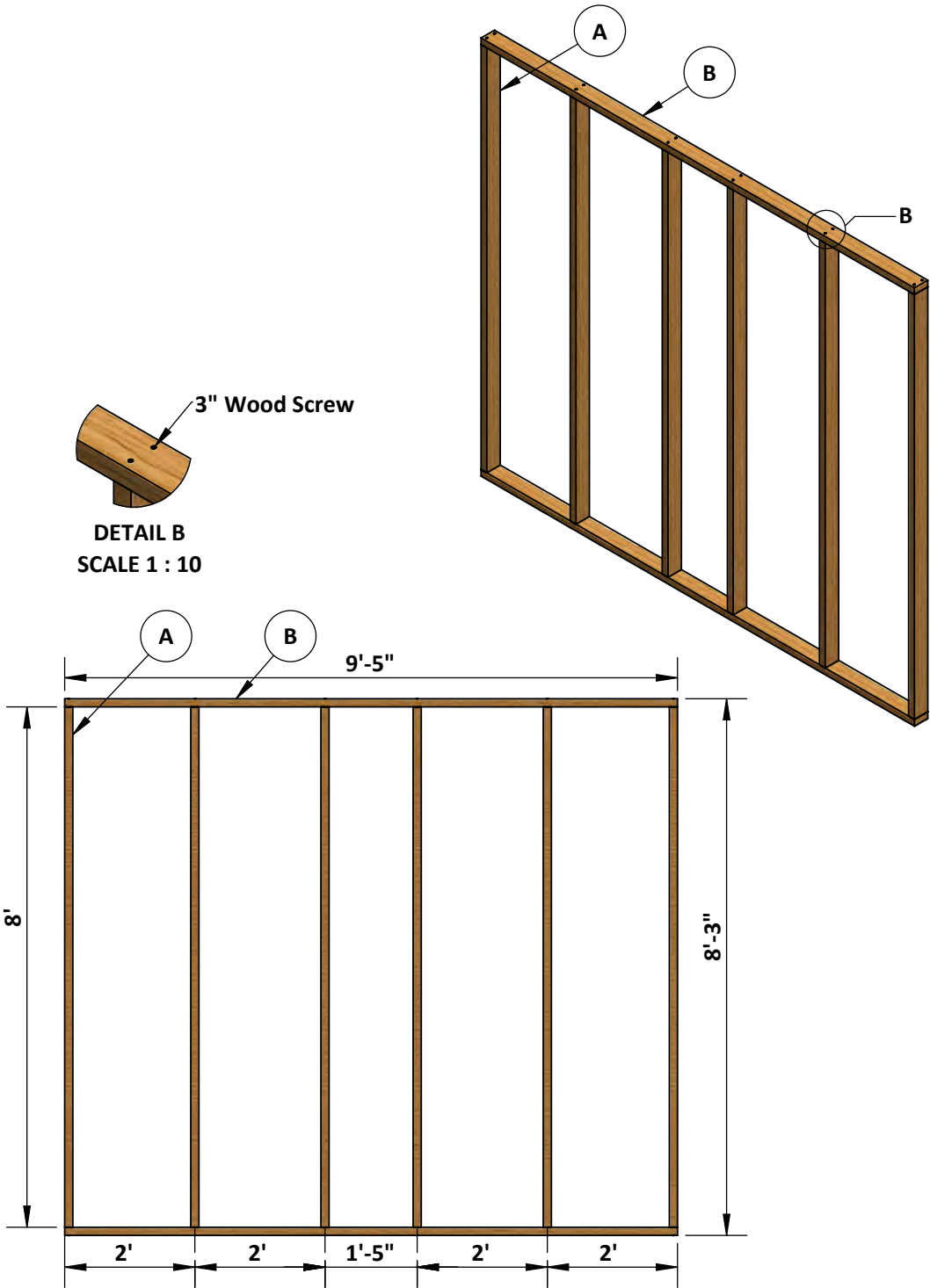
STEP 2

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	8'	12
B	Top/Bottom Beam	2 x 4	9'-5"	4



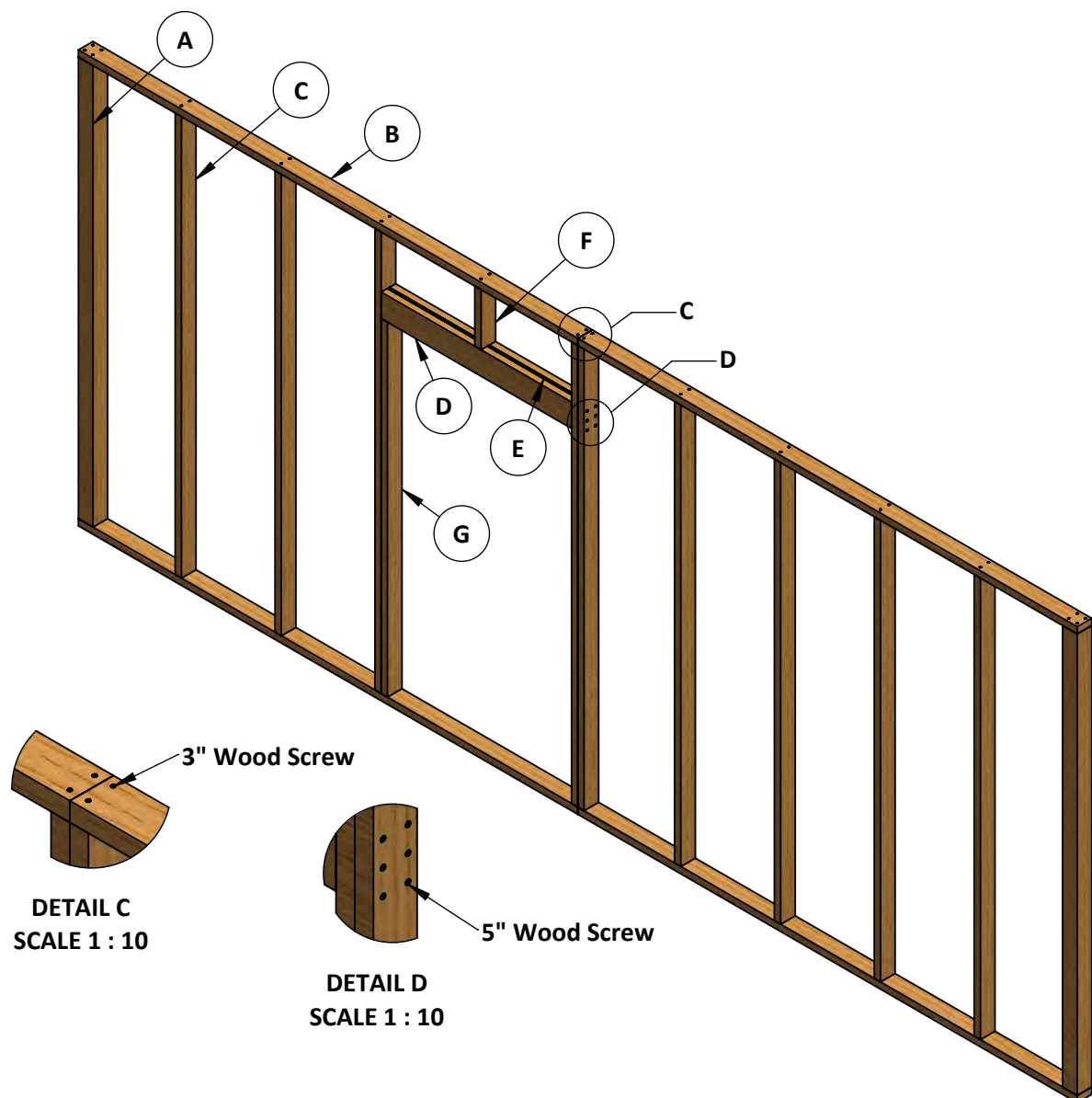
STEP 3

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	10'	4
C	Studs	2 x 4	8'	9
D	Door Header	2 x 6	3'-9 3/4"	2
E	Door Header	OSB 1/2"	5 1/2" x 3'-9 3/4"	1
F	Stud	2 x 4	1'-1/2"	1
G	Stud	2 x 4	6'-6"	1



STEP 4

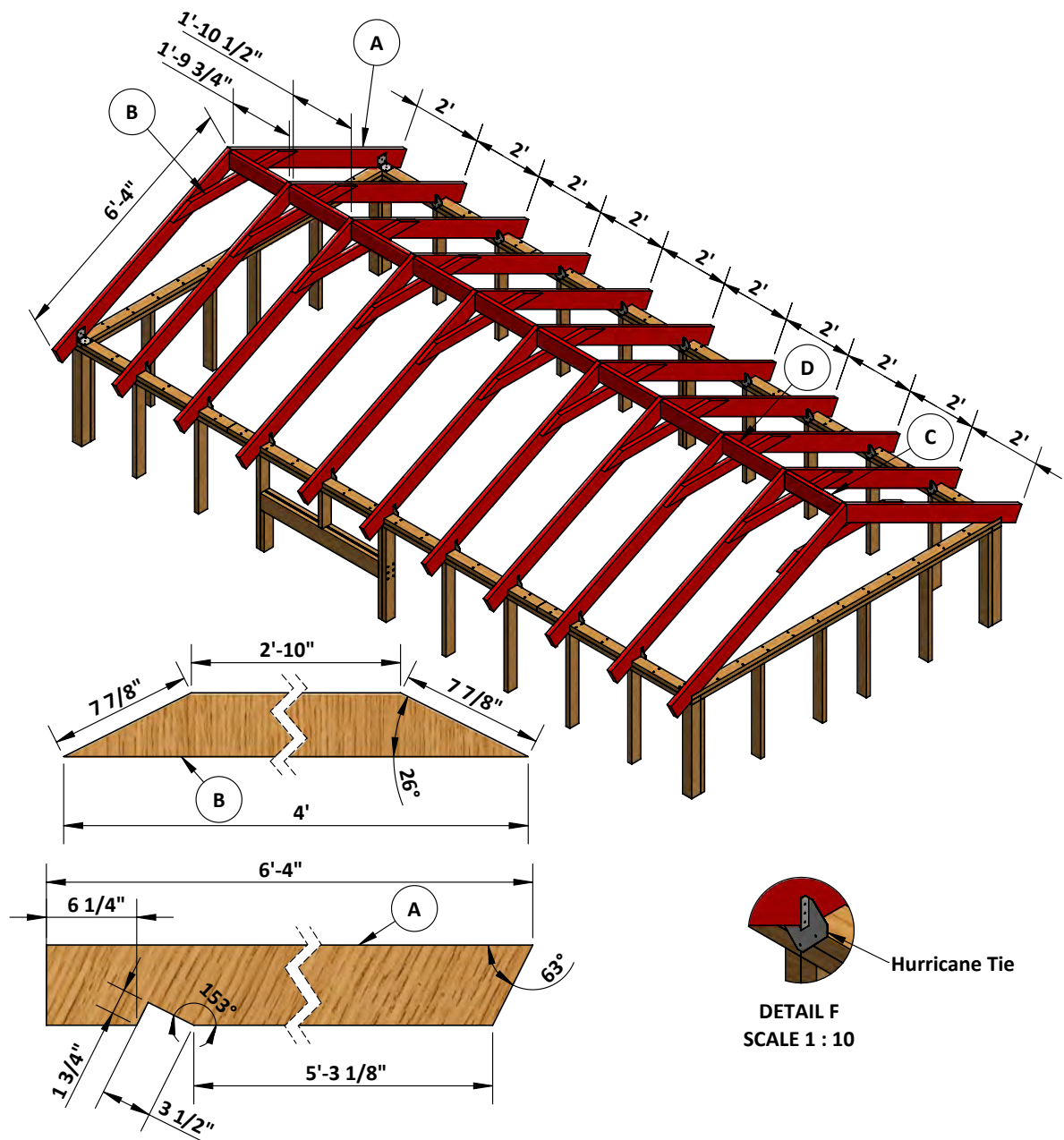
Roof Assembly

4.1 Assemble the rafters, ridges using 2 x 6 lumber and collar ties using 2 x 4 lumber.

4.2 Secure corner rafters with corner brace and other rafters with hurricane tie with 1" wood screw.

4.3 Secure all the ridges and collar ties with 3" wood screw

Pos	Description	Material	Dimension	Qty
A	Rafter	2 x 6	6'-4"	22
B	Collar ties	2 x 4	4'	11
C	Ridge	2 x 6	1'-9 3/4"	2
D	Ridge	2 x 6	1'-10 1/2"	8



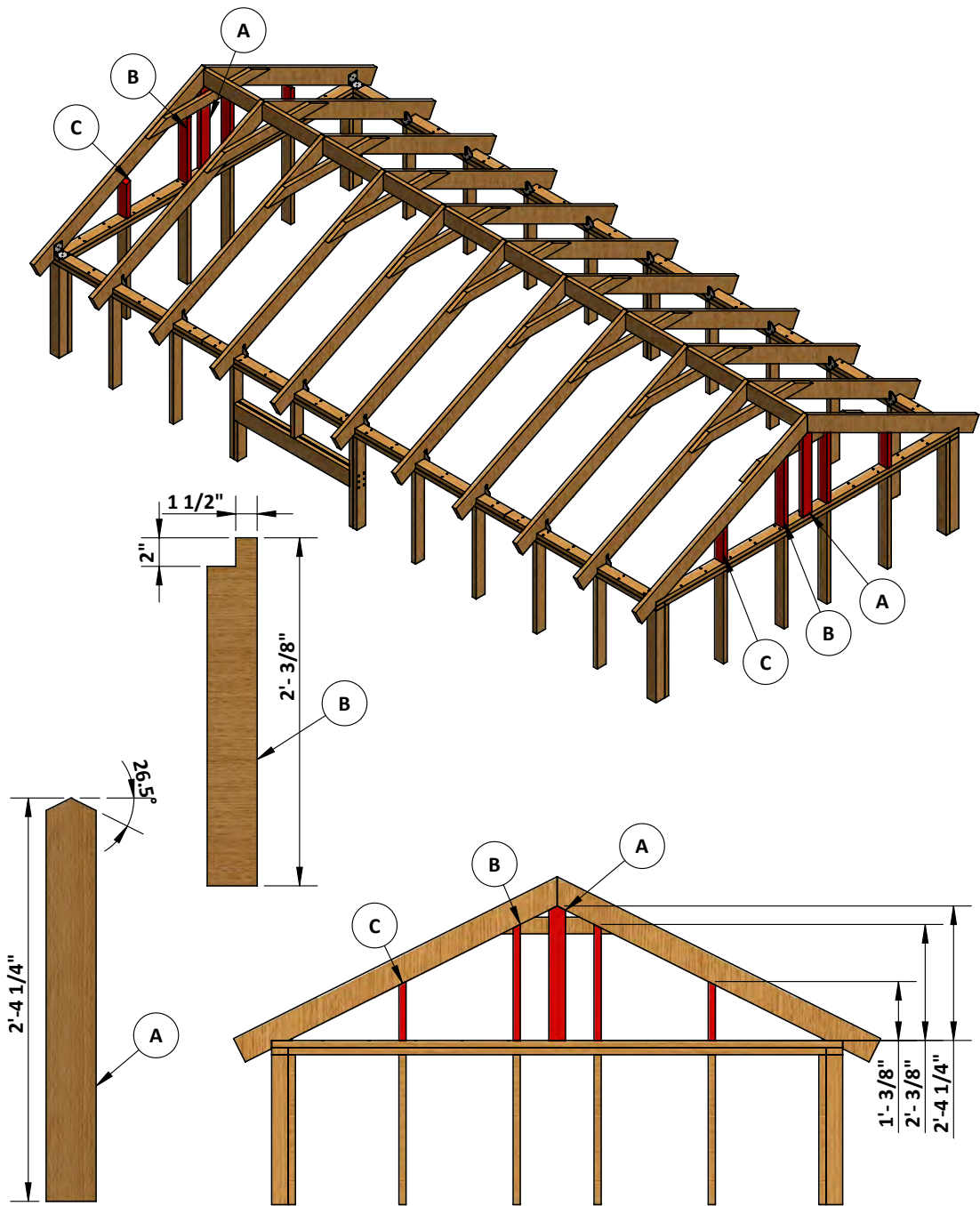
STEP 5

Gable Wall Studs Assembly

5.1 Assemble the gable wall studs using 2 x 4 lumber.

5.2 Secure the gable wall studs with 3" wood screws.

Pos	Description	Material	Dimension	Qty
A	Gable wall studs	2 x 4	2'-4 1/4"	2
B	Gable wall studs	2 x 4	2'-3/8"	4
C	Gable wall studs	2 x 4	1'-3/8"	4



STEP 6

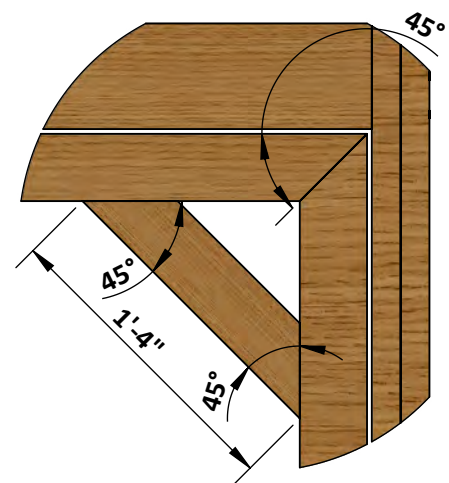
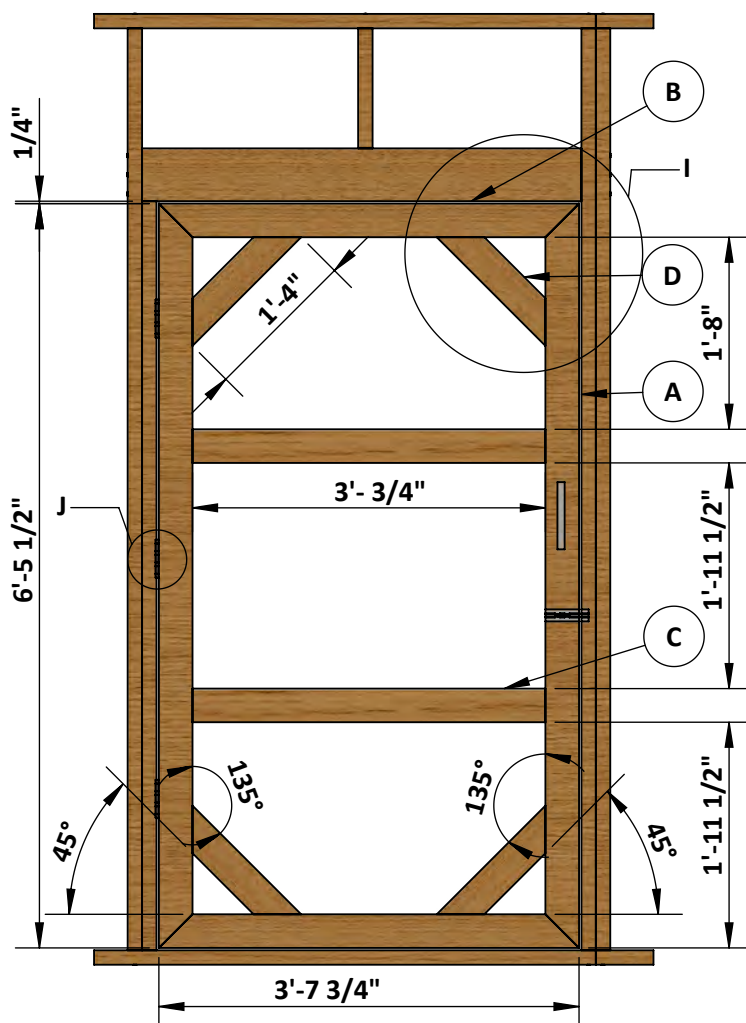
Door Assembly

6.1 Assemble the door using 2 x 4 lumber.

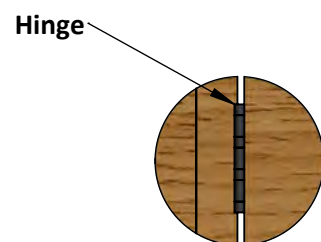
6.2 Secure all door frames with 5" wood screws.

6.3 Attach door hinges, door lock and door handle.

Pos	Description	Material	Dimension	Qty
A	Beams	2 x 4	6'-5 1/2"	2
B	Beam	2 x 4	3'-7 3/4"	2
C	Beam	2 x 4	3'-3/4"	2
D	Beam	2 x 4	1'-4"	4



DETAIL I
SCALE 1 : 10



DETAIL J
SCALE 1 : 7

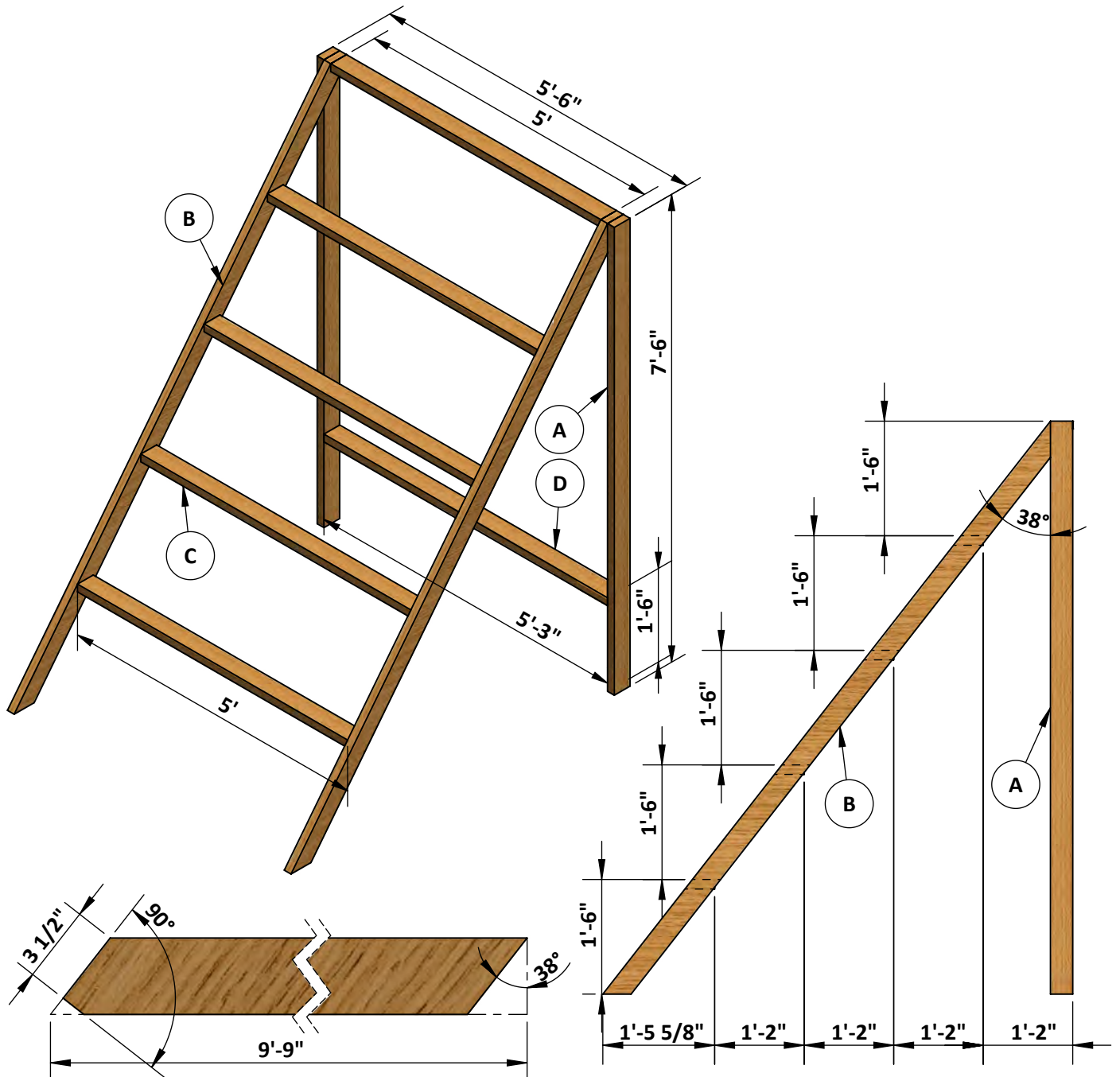
STEP 7

Movable Roosting Bars Assembly

7.1 Assemble the frames using 2 x 4 lumber.

7.2 Secure the beams with 3" and 5" wood screws.

Pos	Description	Material	Dimension	Qty
A	Studs	2 x 4	7'-6"	2
B	Girt	2 x 4	9'-9"	2
C	Girt	2 x 4	5'	5
D	Girt	2 x 4	5'-3"	1



STEP 8

Placement of Nesting Box and Roosting bars in the Coop

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



STEP 9

Thank You

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





Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	13	14
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Tools List	✗	✓
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Technical Support	✗	✓

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