



Free 10'x12' Office Shed Plan

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	15	25
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](#)

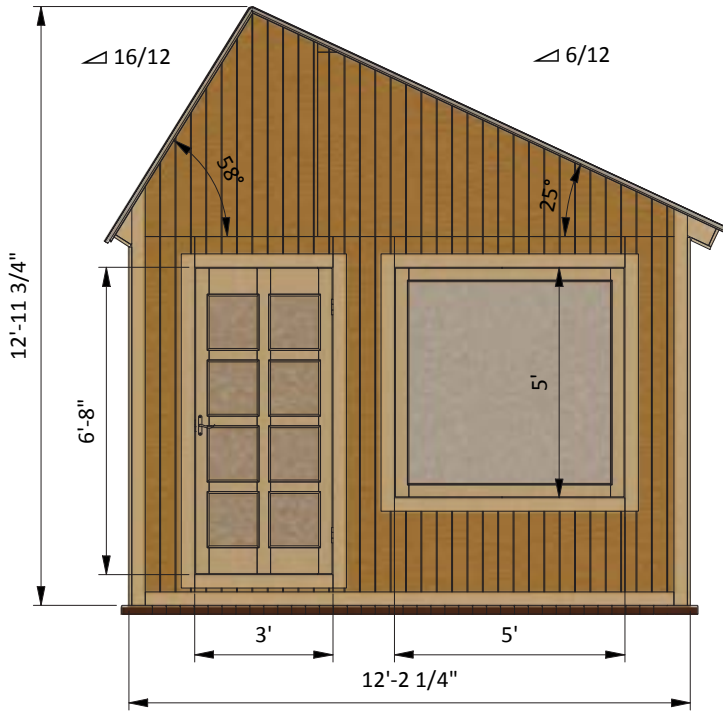
60-day refund policy with no questions asked.

10' x 12' office shed shopping list

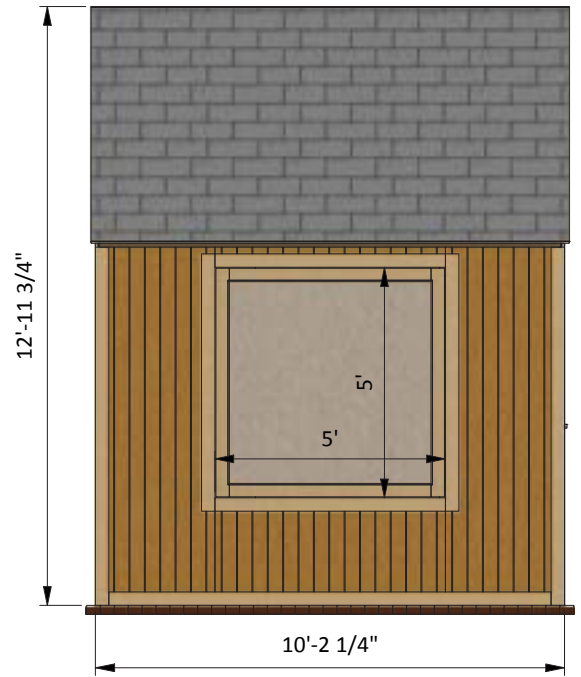
Materials	Unit	Qty	Size
Lumber (1 x 4)	pcs	16	8'
Lumber (1 x 4)	pcs	6	10'
Lumber (1 x 4)	pcs	2	12'
Lumber (1 x 6)	pcs	3	10'
Lumber (2 x 4)	pcs	55	8'
Lumber (2 x 4)	pcs	5	10'
Lumber (2 x 4)	pcs	5	12
Lumber (2 x 6)	pcs	15	8'
Lumber (2 x 6)	pcs	9	12'
Lumber (2 x 8)	pcs	1	6'
Lumber (2 x 8)	pcs	10	10'
Lumber (2 x 8)	pcs	2	12'
Lumber (4 x 4)	pcs	4	8'
OSB (1/2")	pcs	7	4' x 8'
Plywood (3/4")	pcs	4	4' x 8'
Plywood siding plybead panel (11/32")	pcs	14	4' x 8'

Size & Dimensions

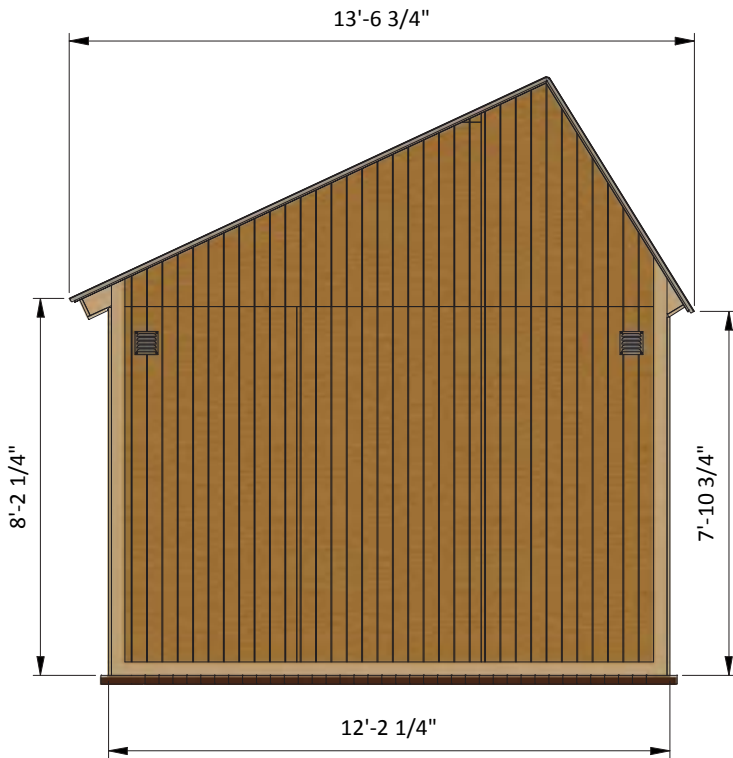
front



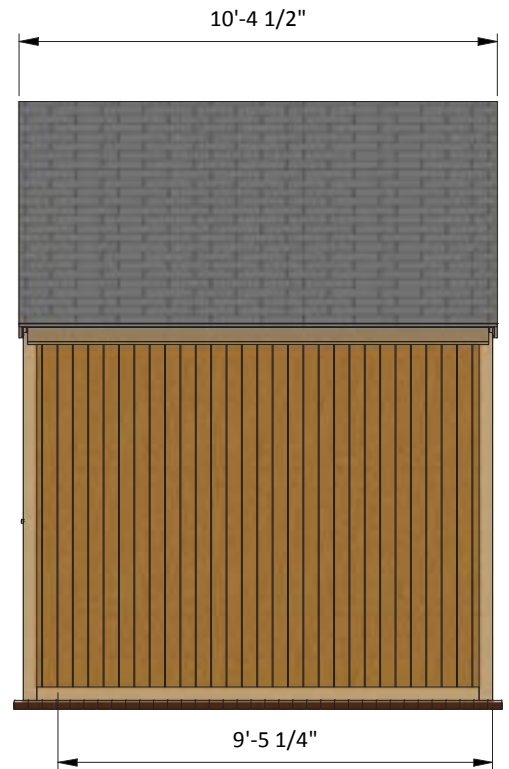
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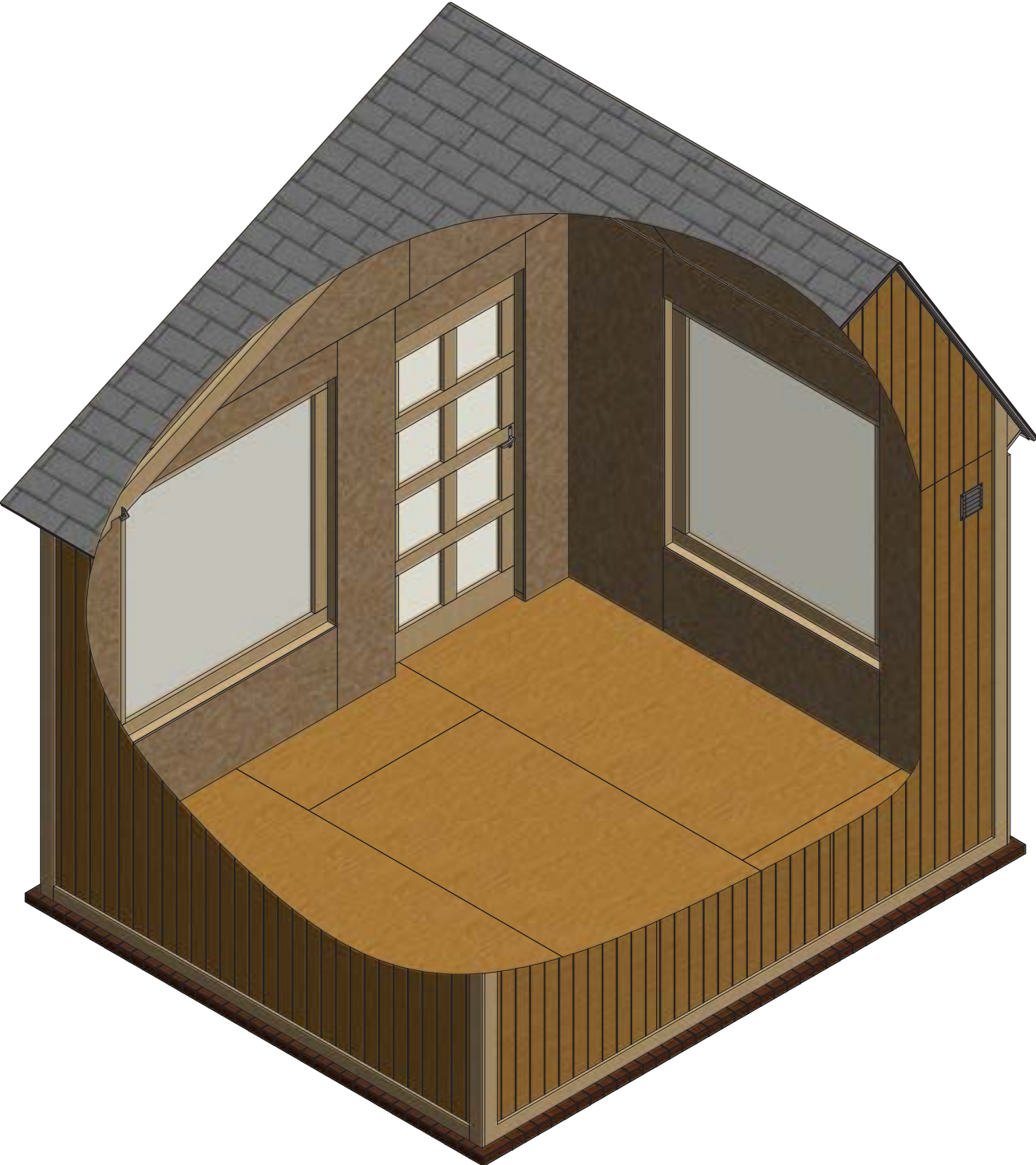
back



right



Interior view

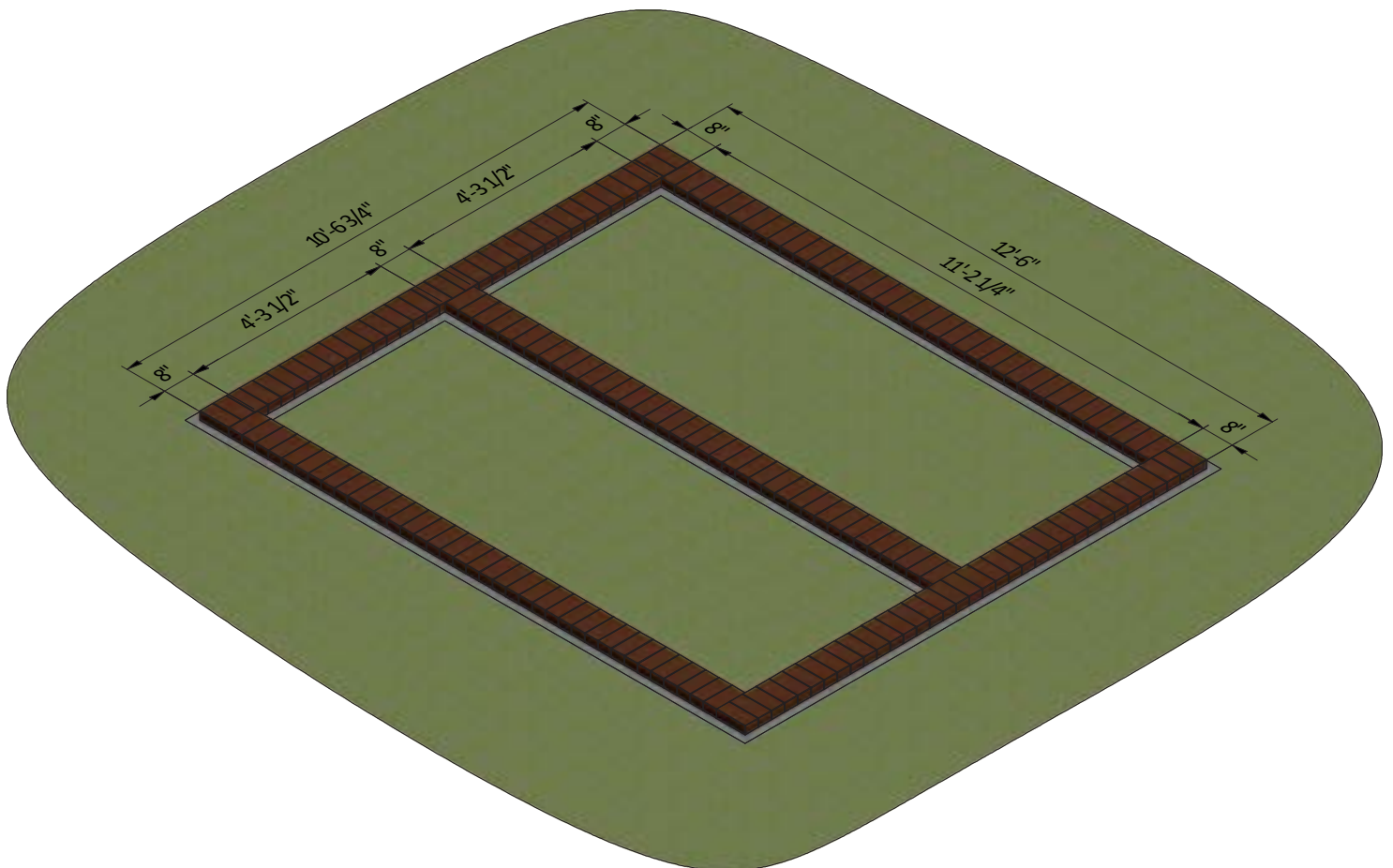
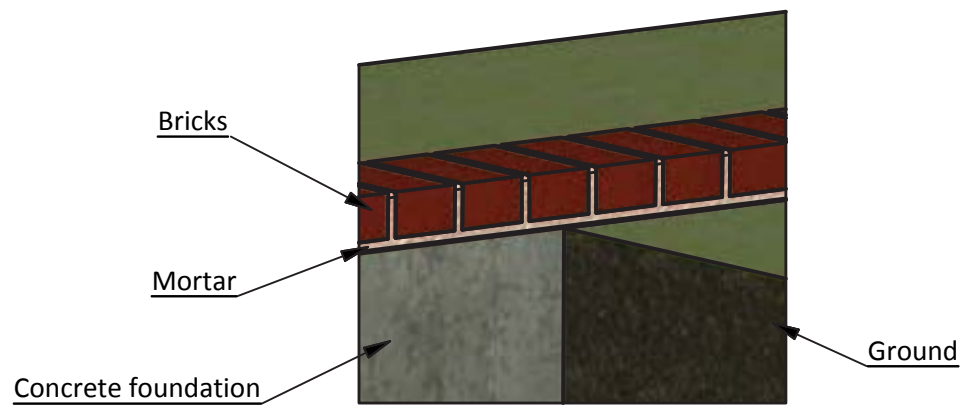


STEP 1

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 180 bricks for this step.



STEP 2

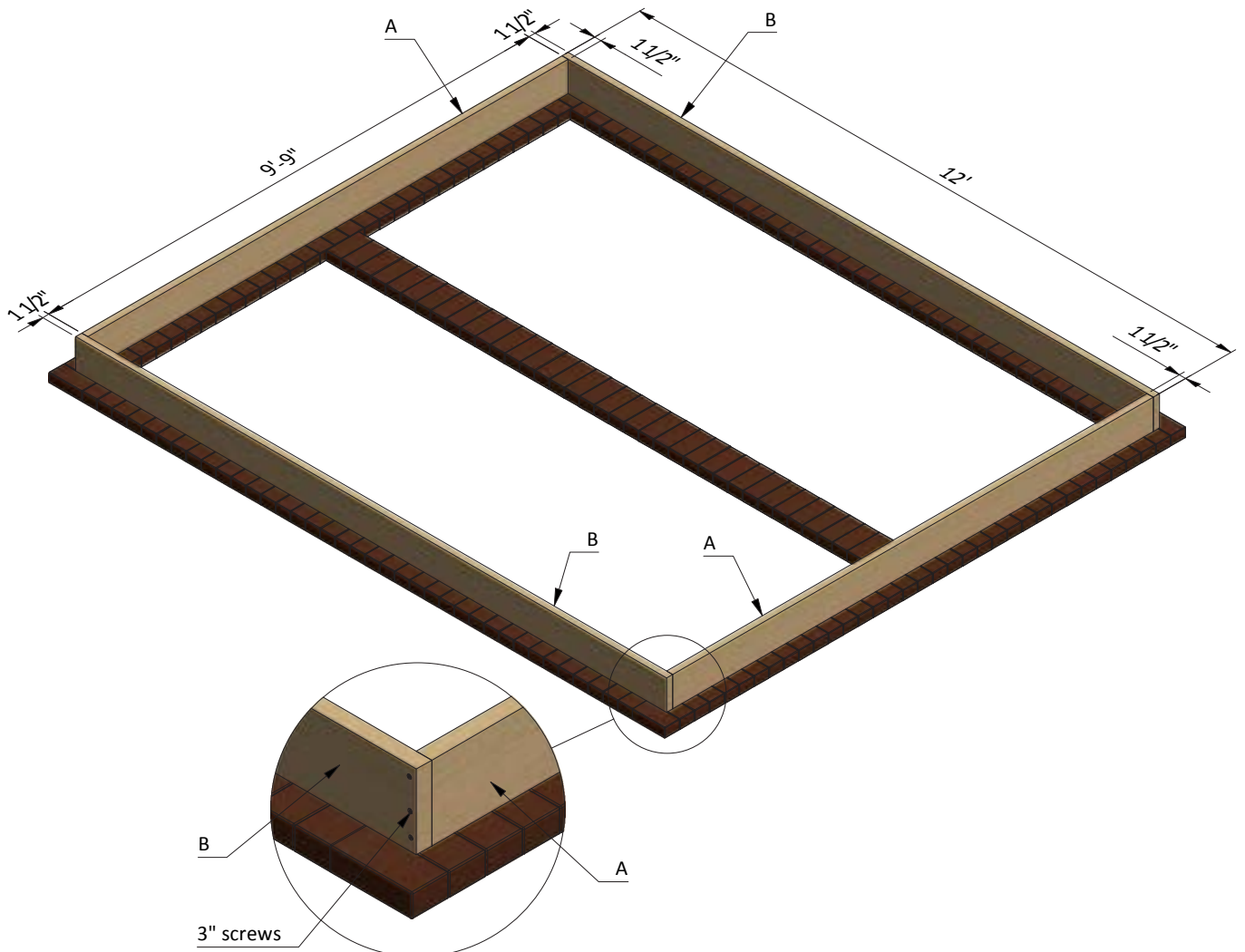
Framing the Shed's Floor

2.1 Assemble the frame using 2x8 lumber. You will need to prepare two rim joists and two joists.

2.2 Secure 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°.

Pos	Descriptio	Material	Dimension	Qty
A	Joist	2x8	9'-9"	2
B	Rim joist	2x8	12'	2



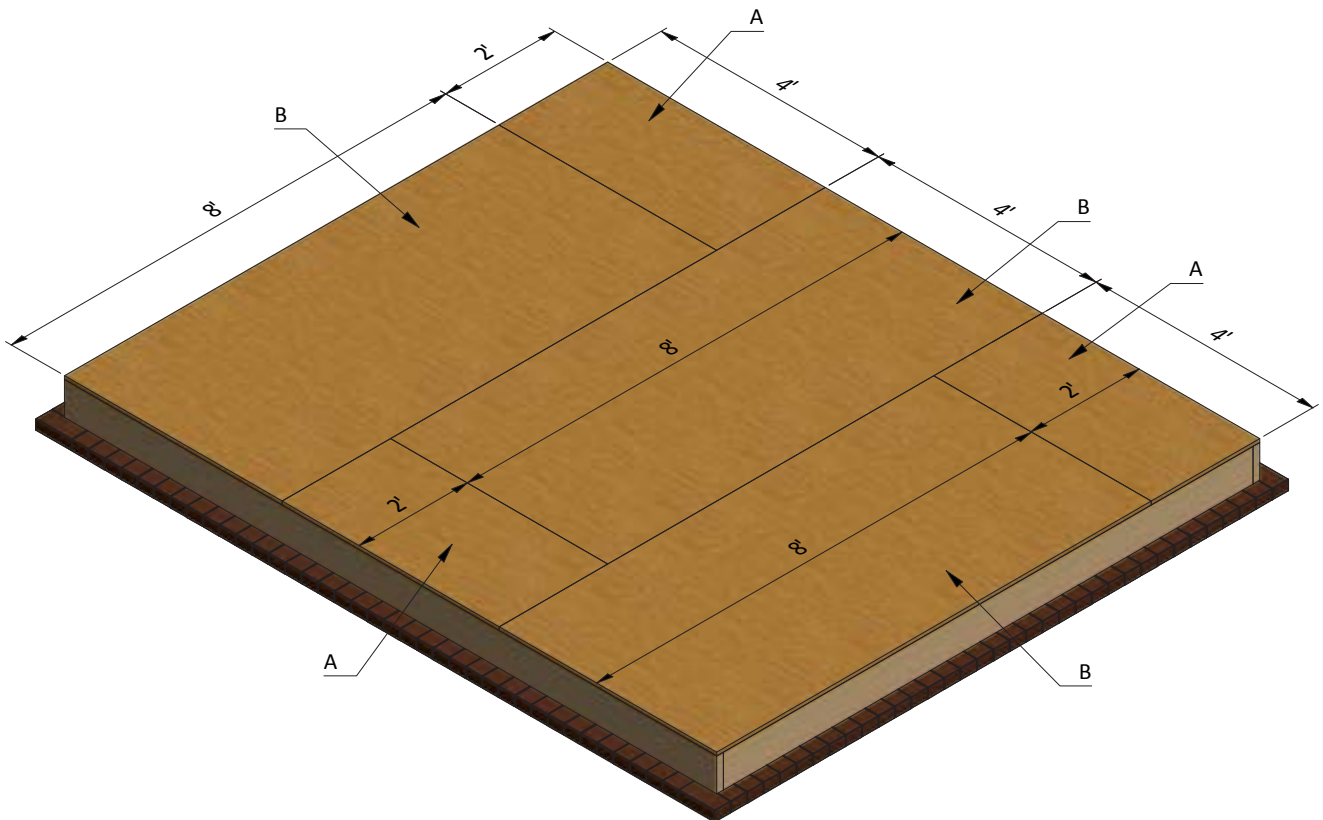
STEP 3

Install the Plywood Floor

3.1 Prepare the 3/4" plywood for the floor sheathing according to the drawing. You will need to cut six pieces according to the cutting list below.

3.2 Secure the plywood with 2" wood screws.

Pos	Descriptio	Material	Dimension	Qty
A	Floor sheathing	3/4" plywood	2' x 4'	3
B	Floor sheathing	3/4" plywood	4' x 8'	3



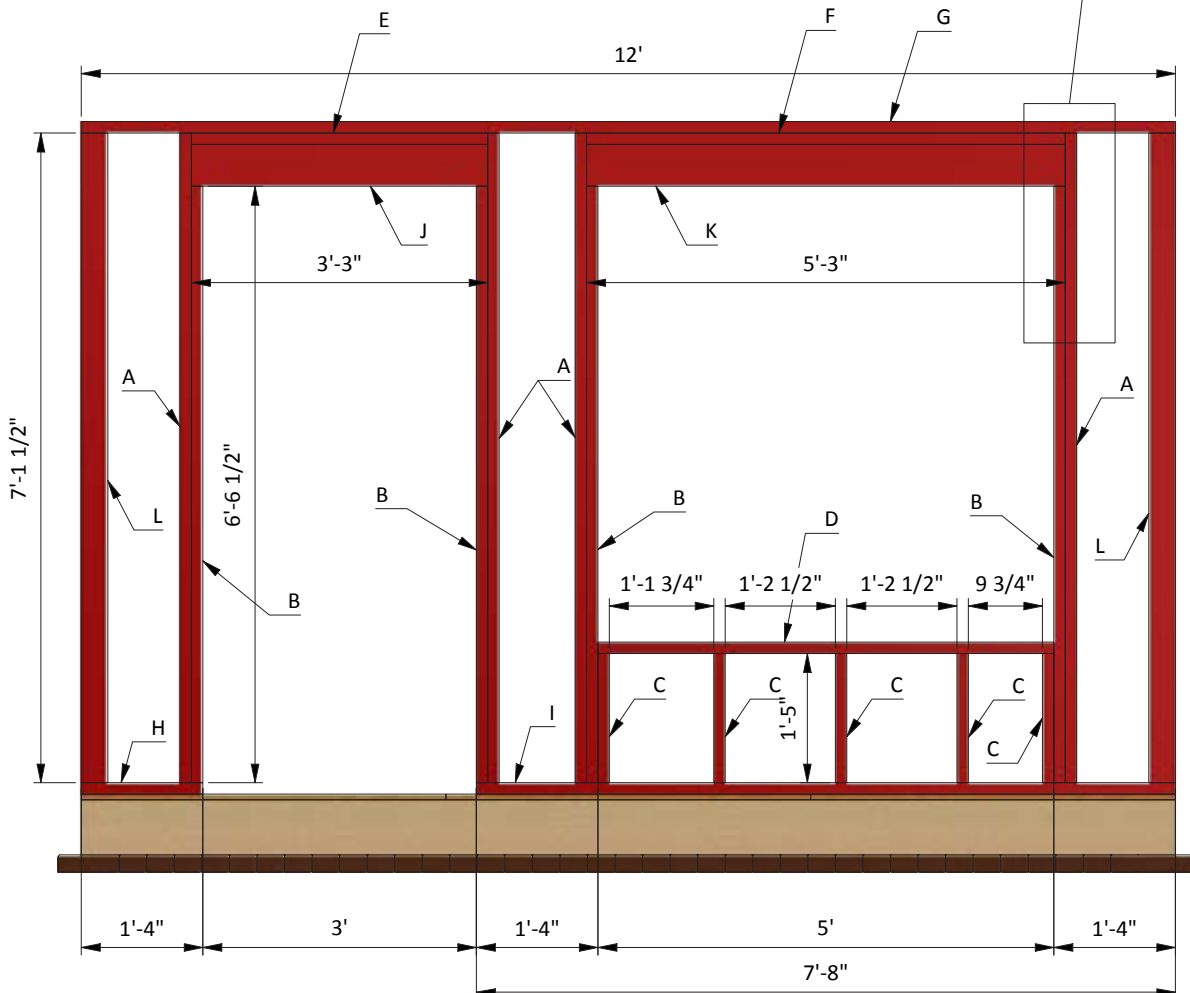
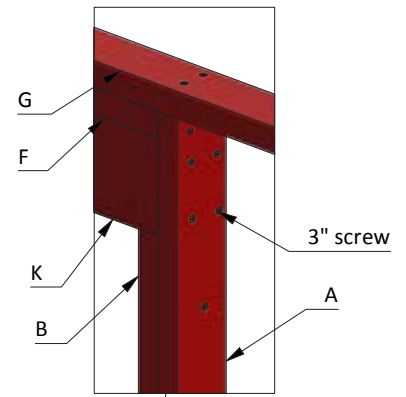
STEP 4

Assemble Front Wall Frame

4.1 Using 2x4, 2x6 and 4x4 lumber, construct front wall frame using the drawing below as a reference. You will need to prepare beams in necessary quantity according to the cutting list below.

4.2 Connect the beams with 3" wood screws.

Pos	Description	Material	Dimension	Qty
A	Stud	2x4	7'-1 1/2"	4
B	Stud	2x4	6'-6 1/2"	4
C	Stud	2x4	1'-5"	5
D	Rough sill	2x4	5'	1
E	Door header	2x4	3'-3"	1
F	Window header	2x4	5'-3"	1
G	Top beam	2x4	12'	1
H	Bottom beam	2x4	1'-4"	1
I	Bottom beam	2x4	7'-8"	1
J	Window header	2x6	3'-3"	2
K	Window header	2x6	5'-3"	2
L	Stud	4x4	7'-1 1/2"	2



STEP 5

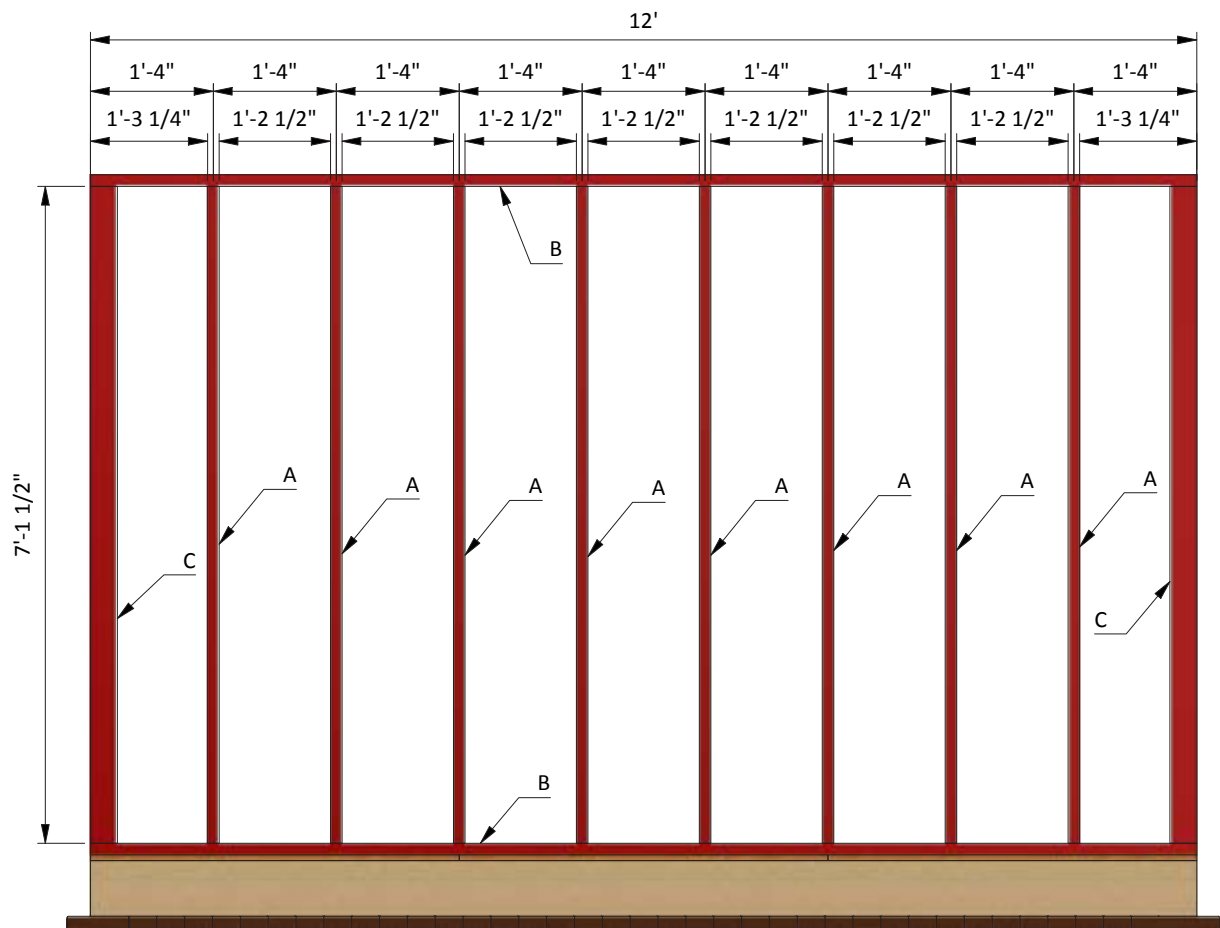
Assemble Back Wall Frame

5.1 Using 2x4 and 4x4 lumber, construct back wall frame using the drawing below as a reference. For each wall you will need to prepare beams in necessary quantity according to the cutting list below.

5.2 Connect the beams with 3" wood screws.

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

Pos	Descriptio	Material	Dimension	Qty
A	Stud	2x4	7'-1 1/2"	8
B	Top/Bottom beam	2x4	12'	2
C	Stud	4x4	7'-1 1/2"	2



STEP 6

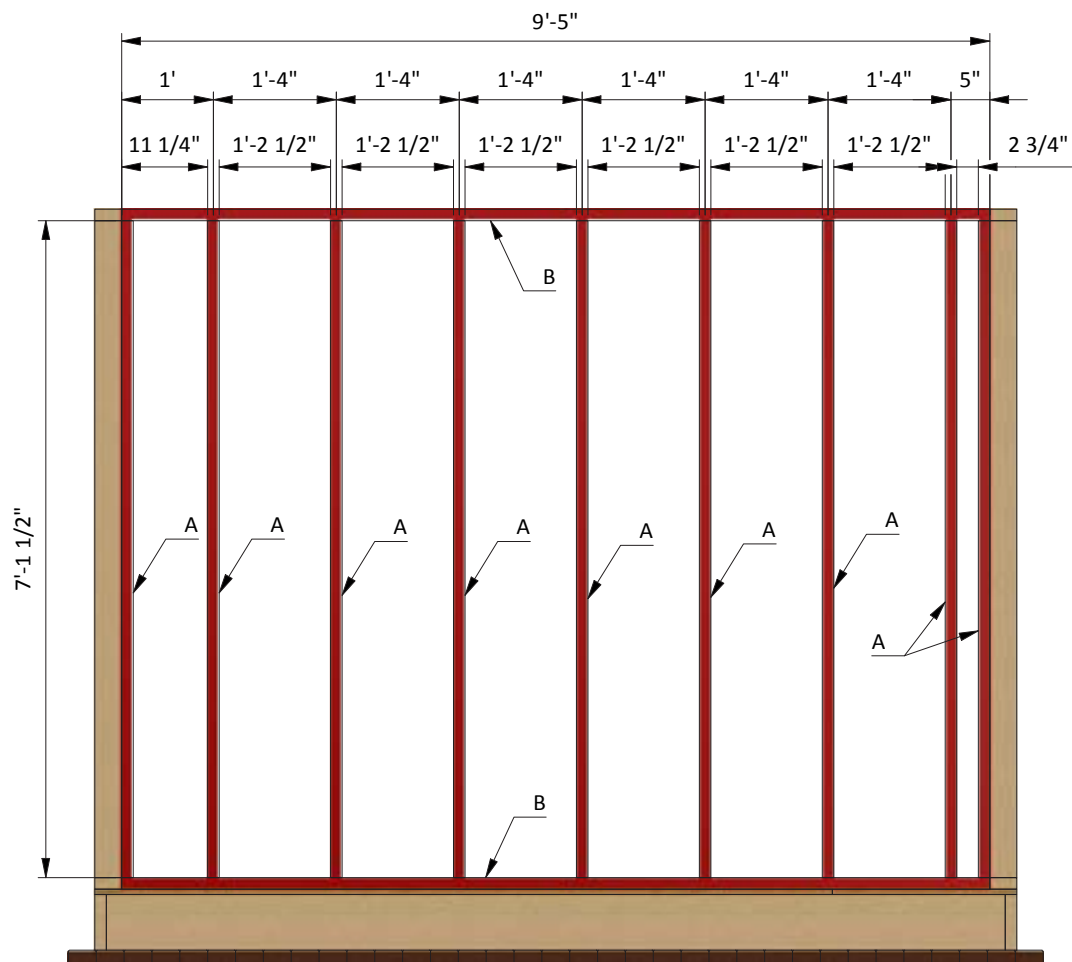
Assemble Right Wall Frame

6.1 Using 2x4 lumber, construct right wall frame using the drawing below as a reference. You will need to prepare beams in necessary quantity according to the cutting list below.

6.2 Connect the beams with 3" wood screws.

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

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



STEP 8

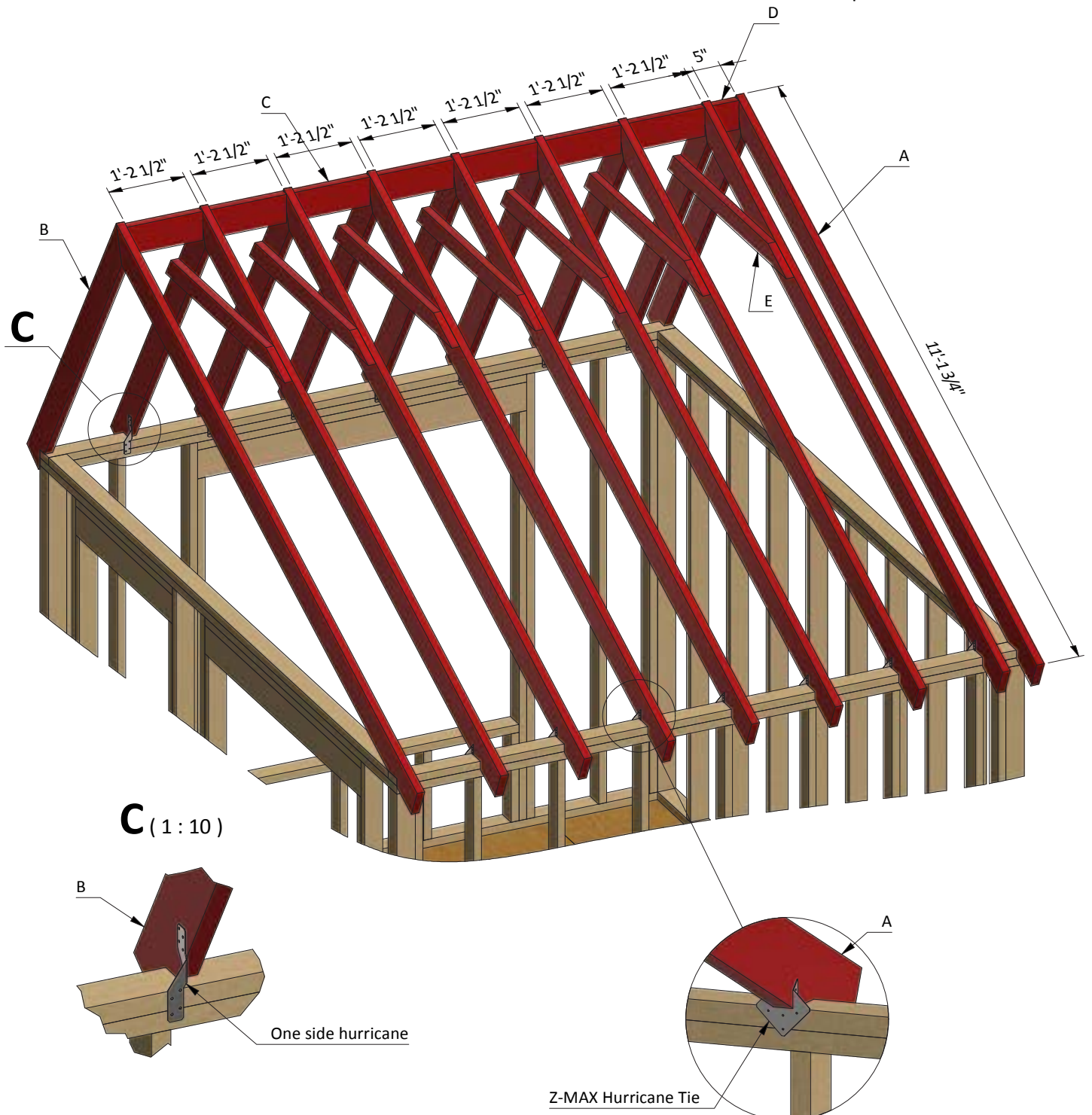
Assemble the Roof Frame

8.1 Using 2x6 lumber, cut nine rafters 11'-1 3/4" long and nine rafters 5'-8 1/2" long according to the dimensions in drawings below.

8.2 Using 2x4 lumber, cut seven collar ties 4' long according to the dimensions in drawings below.

8.3 Using 2x6 lumber, cut one board 5" long and seven boards cut to 1'-2 1/2" long that will be ridge boards according to the illustration below.

8.4 Connect the beams with Z-MAX hurricane ties and one side hurricane ties to the top beams.



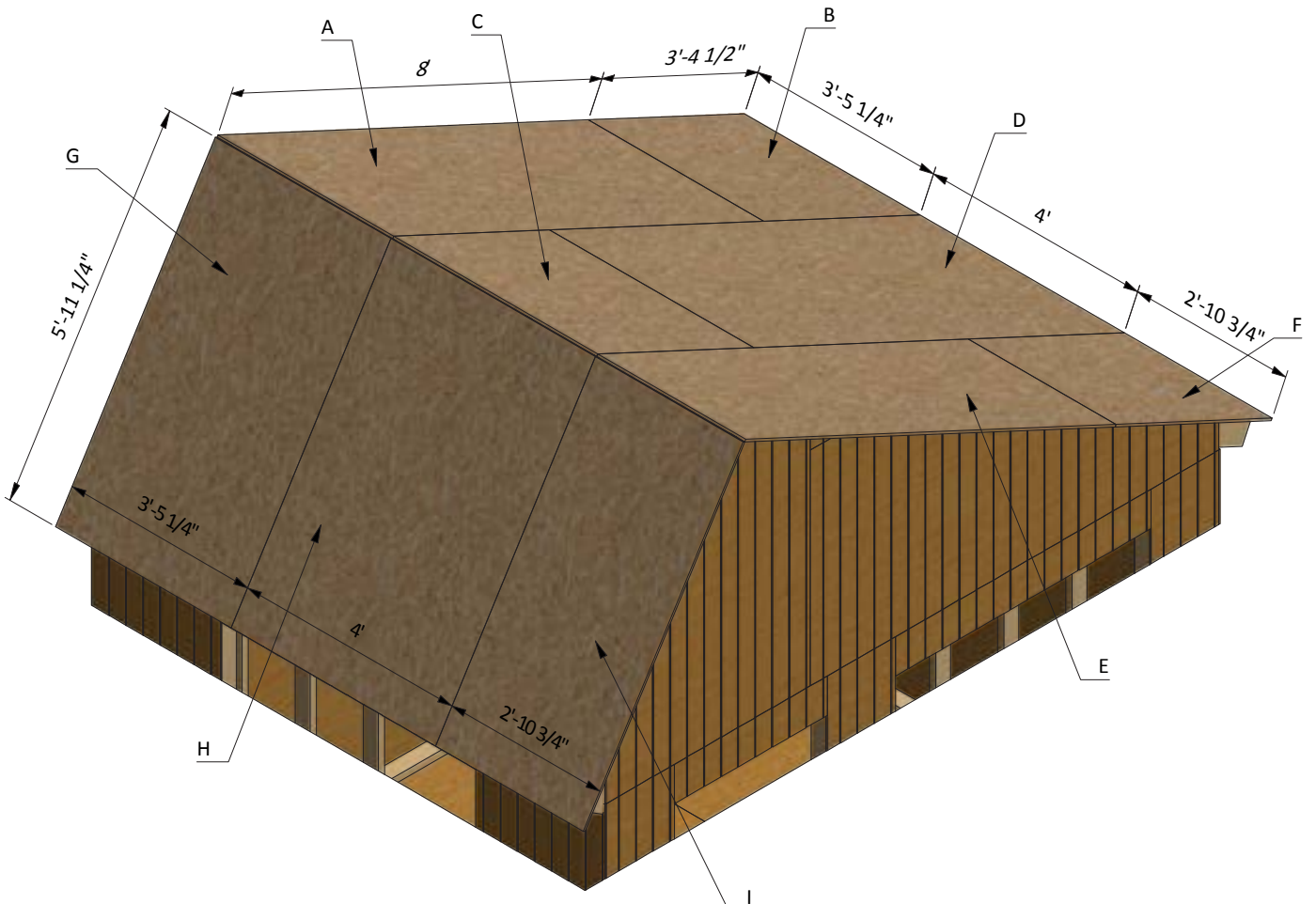
STEP 9

Install OSB for the Roof

9.1 Cut sheet of 1/2" OSB for the roof sheathing using the drawing below as a guide. You will need to prepare sheets in necessary quantity according to the cutting list below.

9.2 Secure the OSB with 2" wood screws.

Pos	Description	Material	Dimension	Qty
A	Roof sheathing	1/2" OSB	3'-5 1/4" x 8'	1
B	Roof sheathing	1/2" OSB	3'-4 1/2" x 3'-5 1/4"	1
C	Roof sheathing	1/2" OSB	3'-4 1/2" x 4'	1
D	Roof sheathing	1/2" OSB	4' x 8'	1
E	Roof sheathing	1/2" OSB	2'-10 3/4" x 8'	1
F	Roof sheathing	1/2" OSB	3'-4 1/2" x 2'-10 3/4"	1
G	Roof sheathing	1/2" OSB	3'-5 1/4" x 5'-11 1/4"	1
H	Roof sheathing	1/2" OSB	4' x 5'-11 1/4"	1
I	Roof sheathing	1/2" OSB	2'-10 3/4" x 5'-11 1/4"	1



STEP 10

Shed's Roof Sheathing Installation

10.1 Prepare metal drip edge with 6" width. You will need 46' to cover all the perimeter.

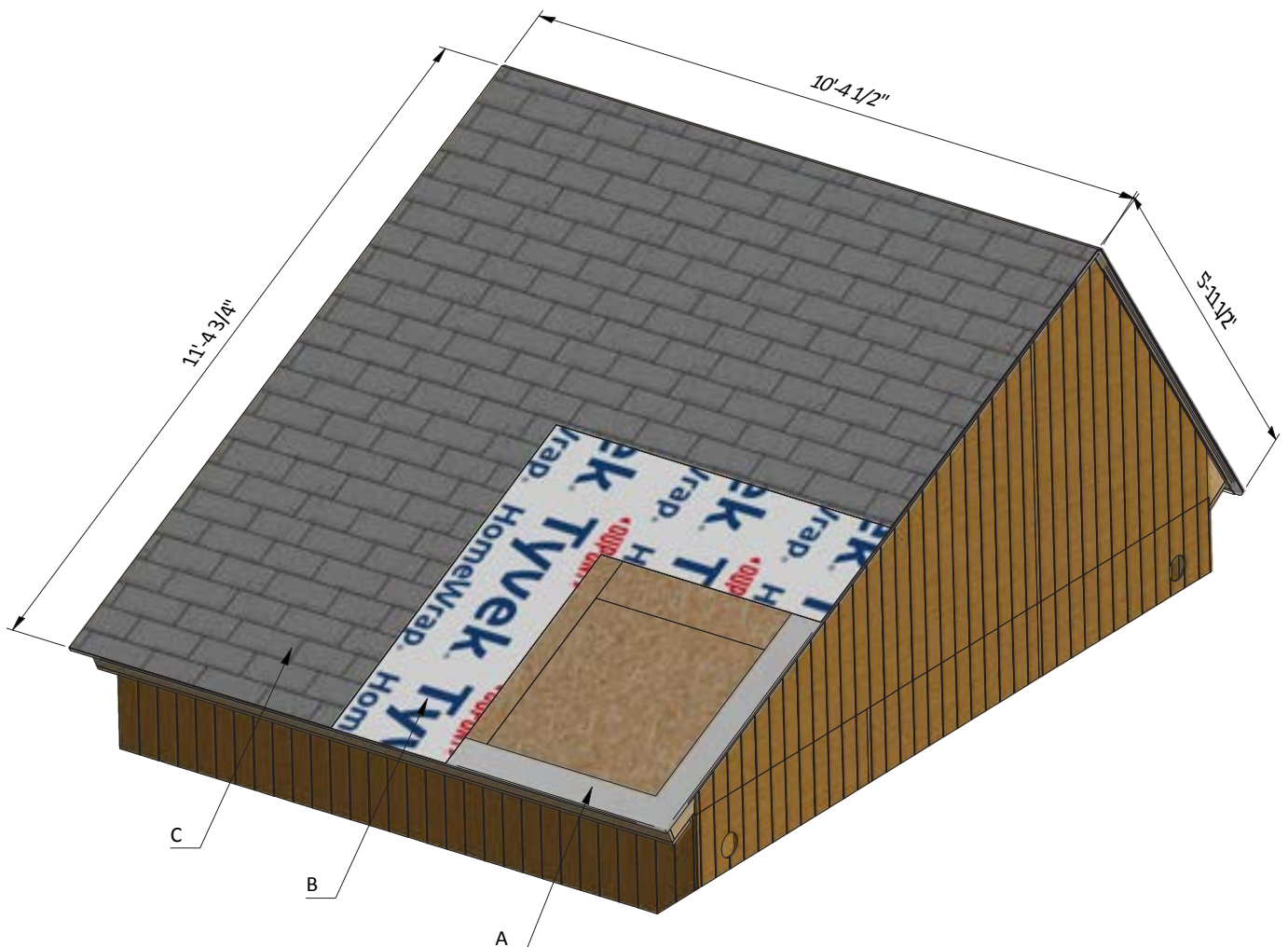
10.2 Place the drip edge down, aligning it to the OSB edge. Use 2" nails to secure the first drip edge. When you place the next drip edge piece, it should overlap the first by an inch.

10.3 You will need 180 square ft of house wrap and asphalt shingle roofing

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

10.5 Install asphalt shingle roofing using an industrial stapler.

Pos	Description	Material	Dimension	Qty
A	Metal drip edge	6"	-	46'
B	Roof sheathing	House wrap	-	180 square ft
C	Roof sheathing	Asphalt shingle roofing	-	180 square ft

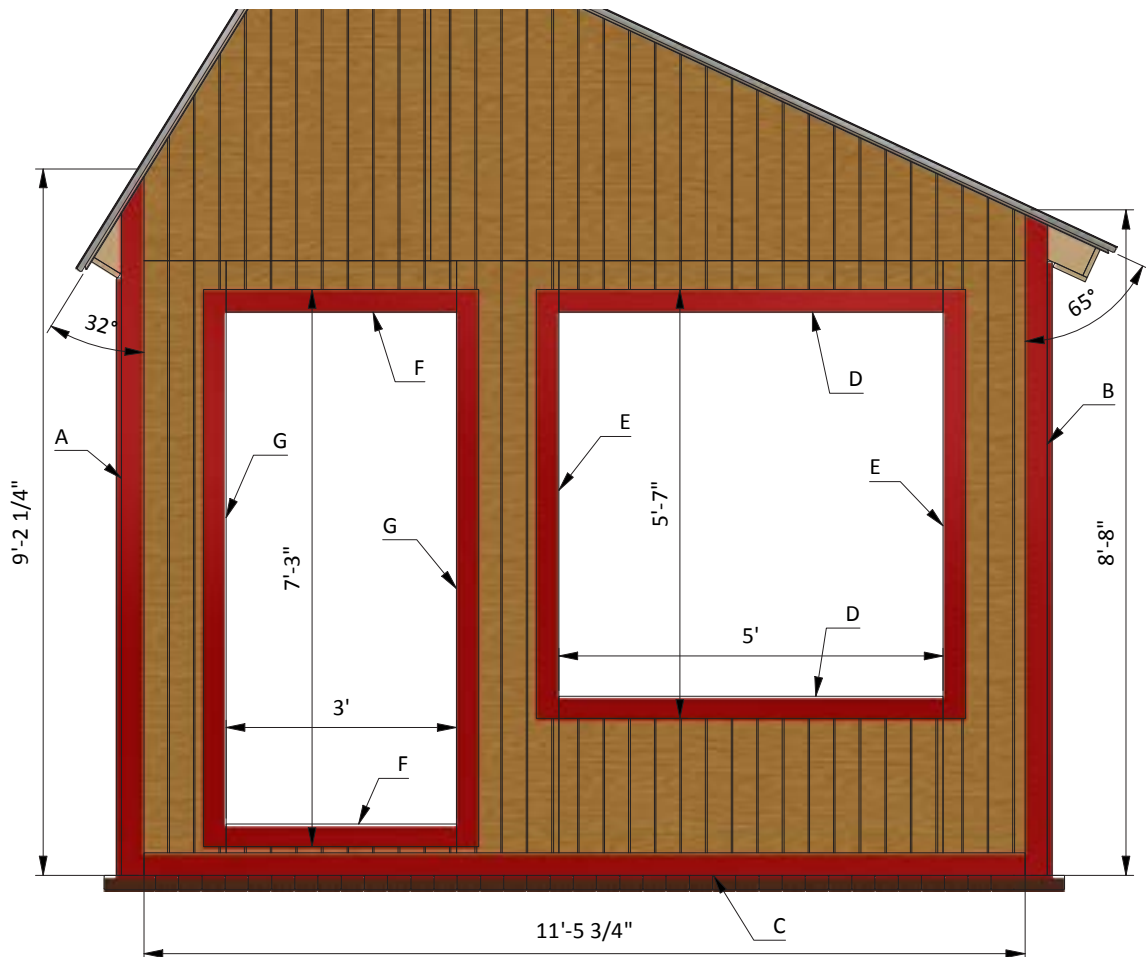


STEP 11

Assemble the Wall trims

11.1 Using 1x4 lumber, prepare trims and install with 2" wood screws to the walls. You will need to prepare boards in necessary quantity according to the cutting list below.

Pos	Descriptio	Material	Dimension	Qty
A	Trim	1x4	9'-2 1/4"	2
B	Trim	1x4	8'-8"	2
C	Trim	1x4	11'-5 3/4"	2
D	Trim	1x4	5'	4
E	Trim	1x4	5'-7"	4
F	Trim	1x4	3'	2
G	Trim	1x4	7'-3"	2
H	Trim	1x4	7'-11 3/4"	2
I	Trim	1x4	9'-7 1/4"	2
J	Trim	1x4	7'-9 1/4"	2



STEP 12

Window Installation for the Front and Left Wall

You will need to assembly two windows

12.1 Using 2x4 lumber, assemble the outer frames for the windows as shown in the drawing below. For each window you will need two boards cut to 4'-11 1/2" that will be the vertical girts and two boards cut to 4'-11 1/2" that will be the horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

12.2 Prepare and install glass into inner frame groove and fasten it by window beading from four sides. Use 1/2" galvanized nails.

12.3 Insert window into side wall openings and connect them with 8x2" wood screws to the wall beams.

Pos	Descriptio	Material	Dimension	Qty
A	Verti al girts	2x4	4'-11 1/2"	4
B	Top/bottom beam	2x4	4'-11 1/2"	4
C	Glass	1/8"	4'-5 1/4" x 4'-5 1/4"	2
D	Window beading			36ft



STEP 13

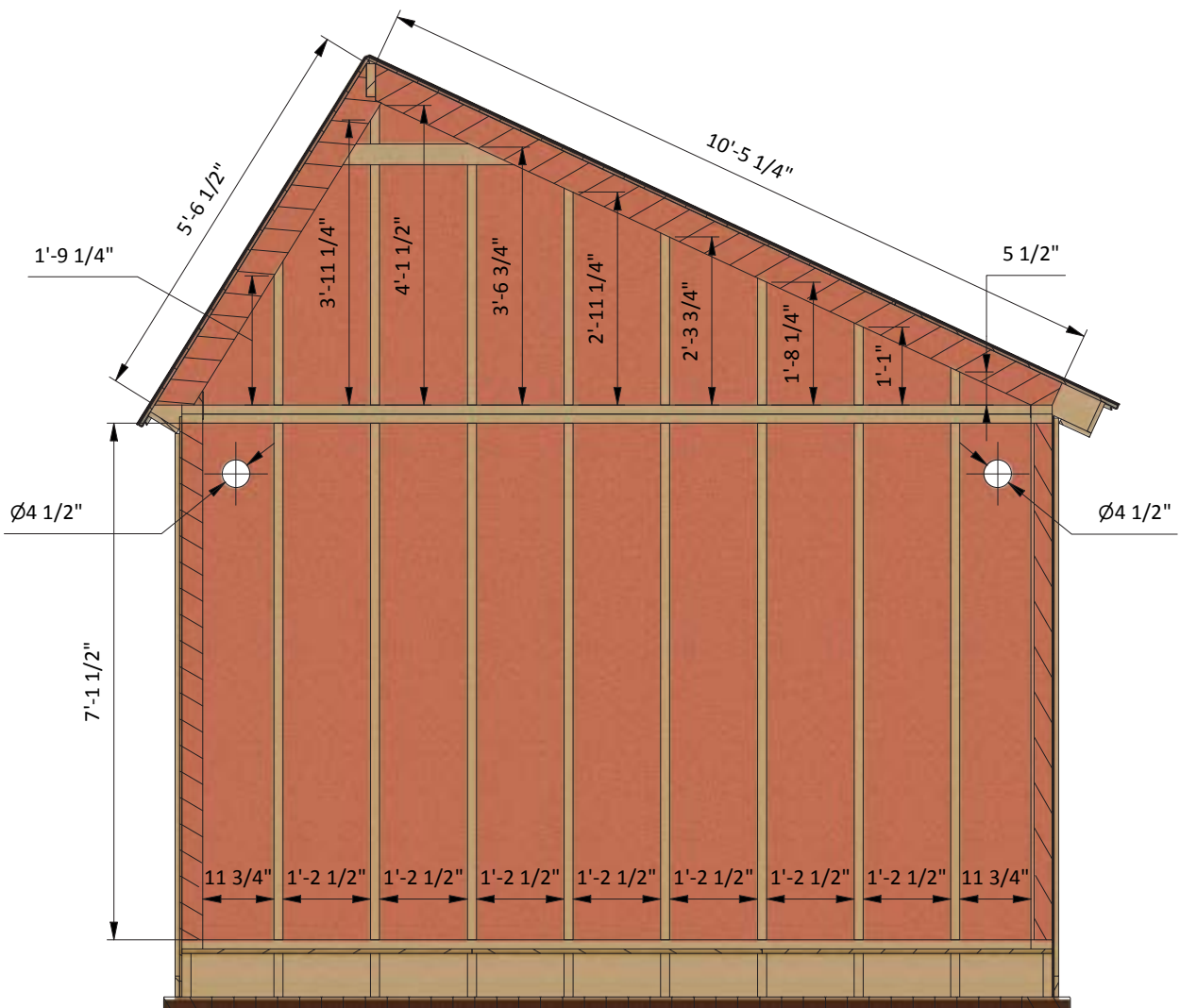
Install Fiberglass Insulation for the Inner Walls

This Appendix contains alternative and new steps for insulating and interior sheathing your shed.

13.1 Insert the fiberglass insulation between studs tightly according to the drawings below.

13.2 Put the sheets between studs tightly.

Back wall (1:30)



STEP 14

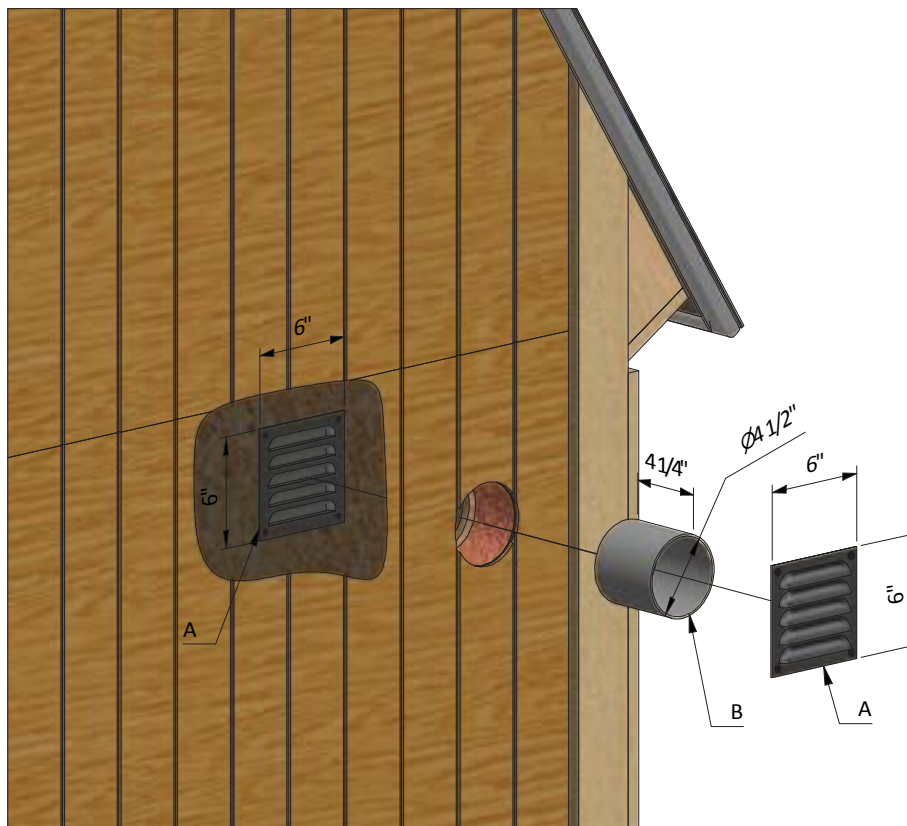
Install the Ventilation Louver

14.1 To install the ventilation louver, cut two 4 1/2" diameter holes in the top of the back wall through the outer sheathing, insulation and inner sheathing.

14.2 Insert the 4" ventilation pipe to isolate the inner space between walls.

14.3 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



STEP 15

Final Touches

Now that your shed is all done, you are ready to decorate it any way you want using your favorite paint, stain, or preservative.



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Tools List	X	✓
Fastening Elements List	X	✓
Technical Support	X	✓

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