ShedPlans®
.org

Free 8'x8' Office Shed Plan

Compare our Free vs. Premium plan

This perfectly designed plan will guide you through the entire process of building your very own shed for any backyard or garden.

Check out the benefits you would get with our premium edition:

Features	Free plan	Premium edition
Steps count	14	35
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	✗	✓

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Shed material list

Site Preparation	Unit	Qty	Size	Note
Concrete	Yd3	0,9		
Clay bricks	pcs	100	3 5/8" x 2 1/4" x 8"	

Shed's Bottom Frame	Unit	Qty	Size	Note
Pressure-Treated Lumber (1 1/2" x 7 1/4")	pcs	7	7'-6 1/4"	Joists
Pressure-Treated Lumber (1 1/2" x 7 1/4")	pcs	2	7'-9 1/4"	Rim joists
Plywood (5/8")	pcs	1	4' x 7'-9 1/4"	Floor sheathing
Plywood (5/8")	pcs	1	3'-9 1/4" x 7'-9 1/4"	Floor sheathing

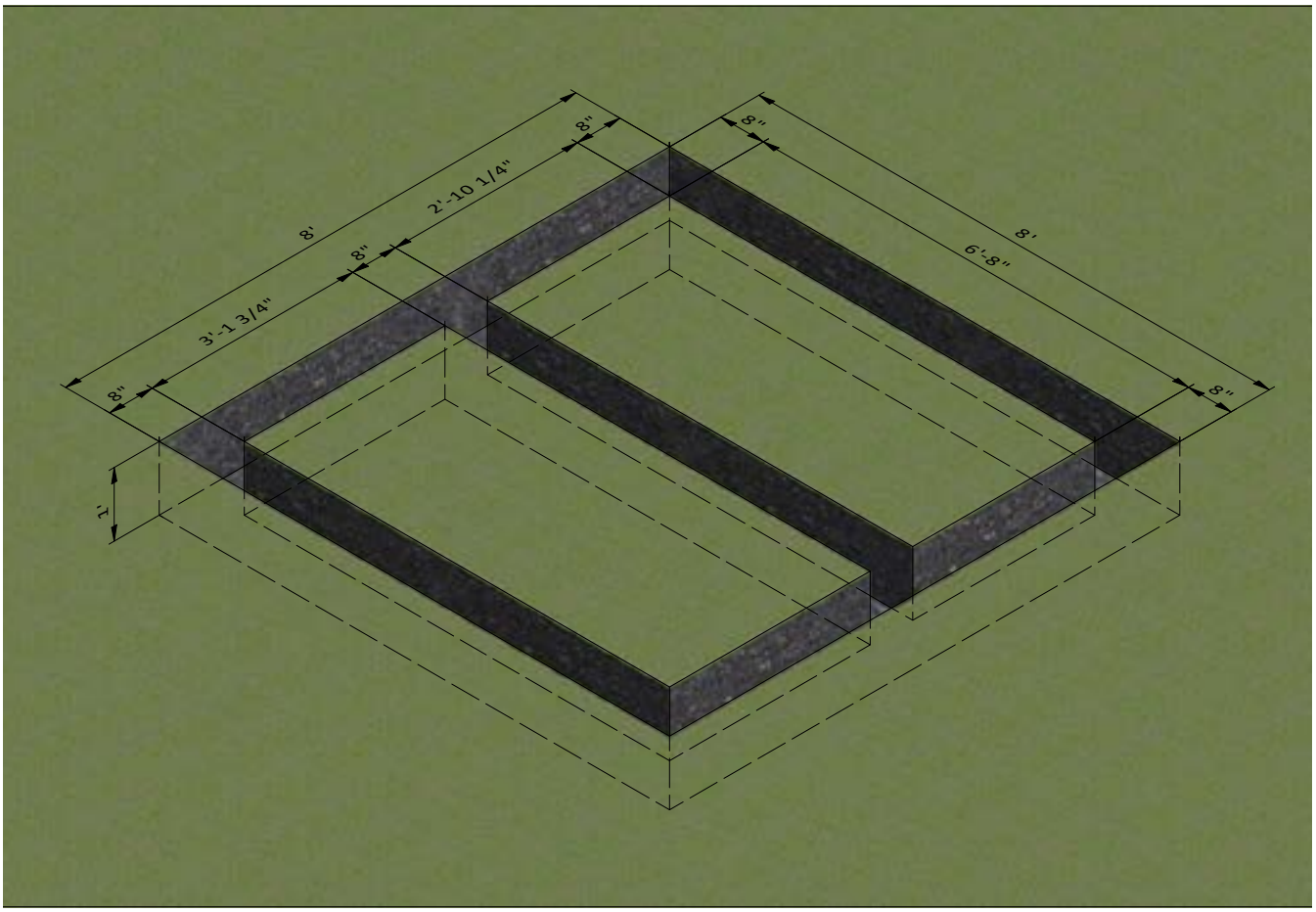
Shed's Front Wall Frame	Unit	Qty	Size	Note
Pressure-Treated Lumber (1 1/2" x 3 1/2")	pcs	2	10 3/4"	Bottom plate
Pressure-Treated Lumber (1 1/2" x 3 1/2")	pcs	2	1'-1 1/4"	Cripple stud
Pressure-Treated Lumber (1 1/2" x 3 1/2")	pcs	2	6'-6 1/2"	Studs
Pressure-Treated Lumber (1 1/2" x 3 1/2")	pcs	1	7'-9 1/4"	Top beam

STEP 1

Ground Works

1.1 Clear the area where you want to build the shed and layout for the foundation.
Use the below illustration as a guide.

1.2 For the foundation, dig the trenches at least 1' wide and 1' deep.

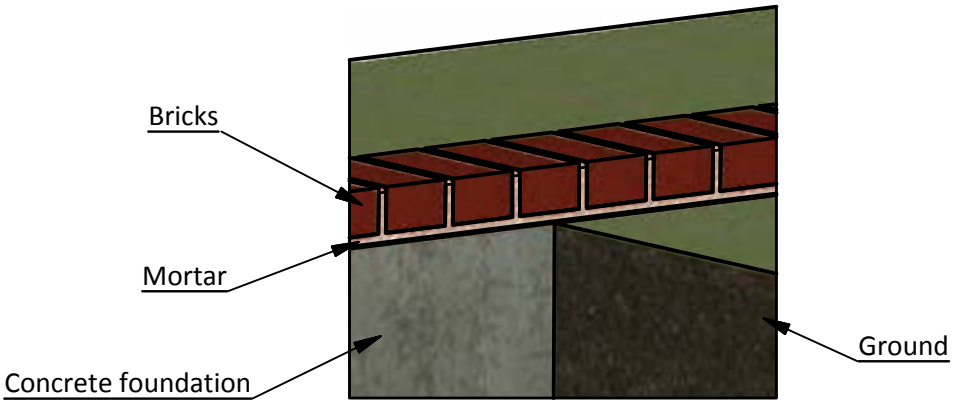


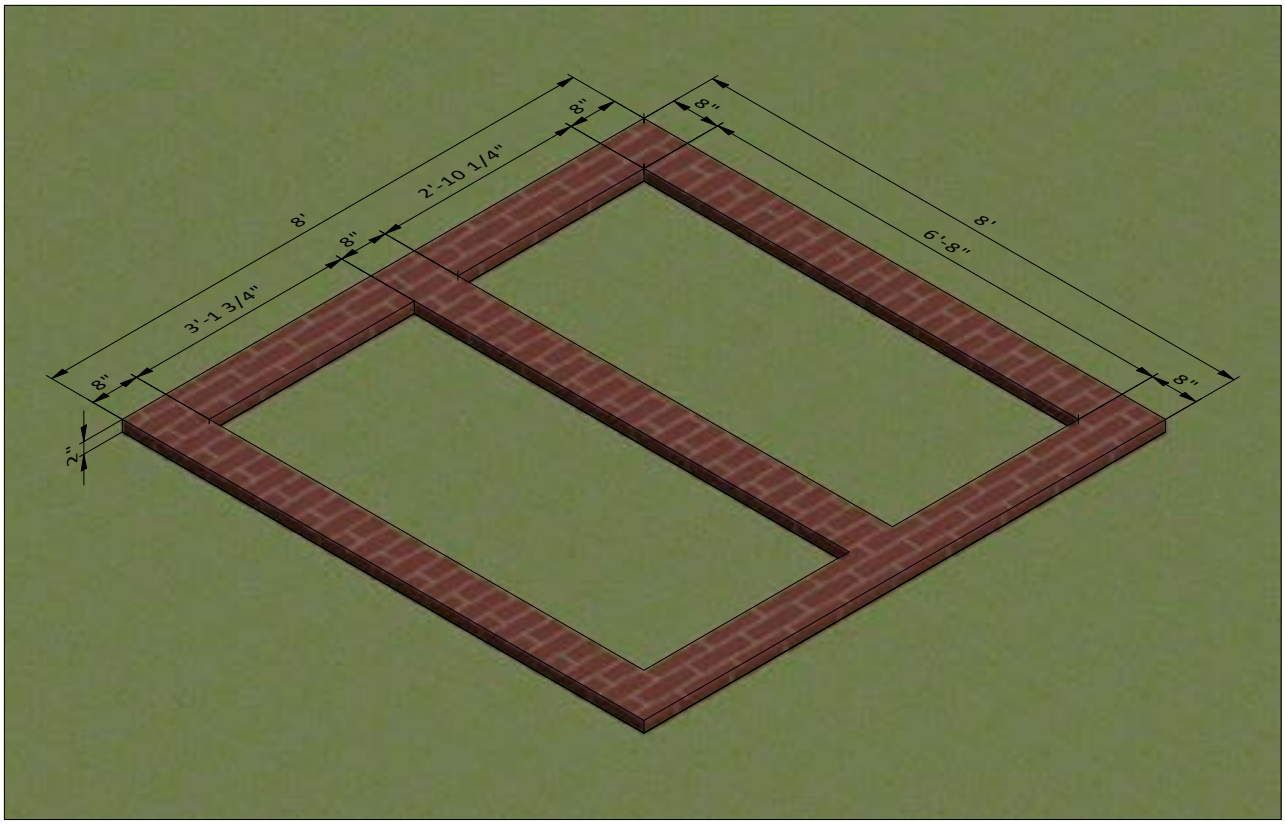
STEP 2

Foundation Preparation

2.1 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.

2.2 Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 100 bricks for this step.





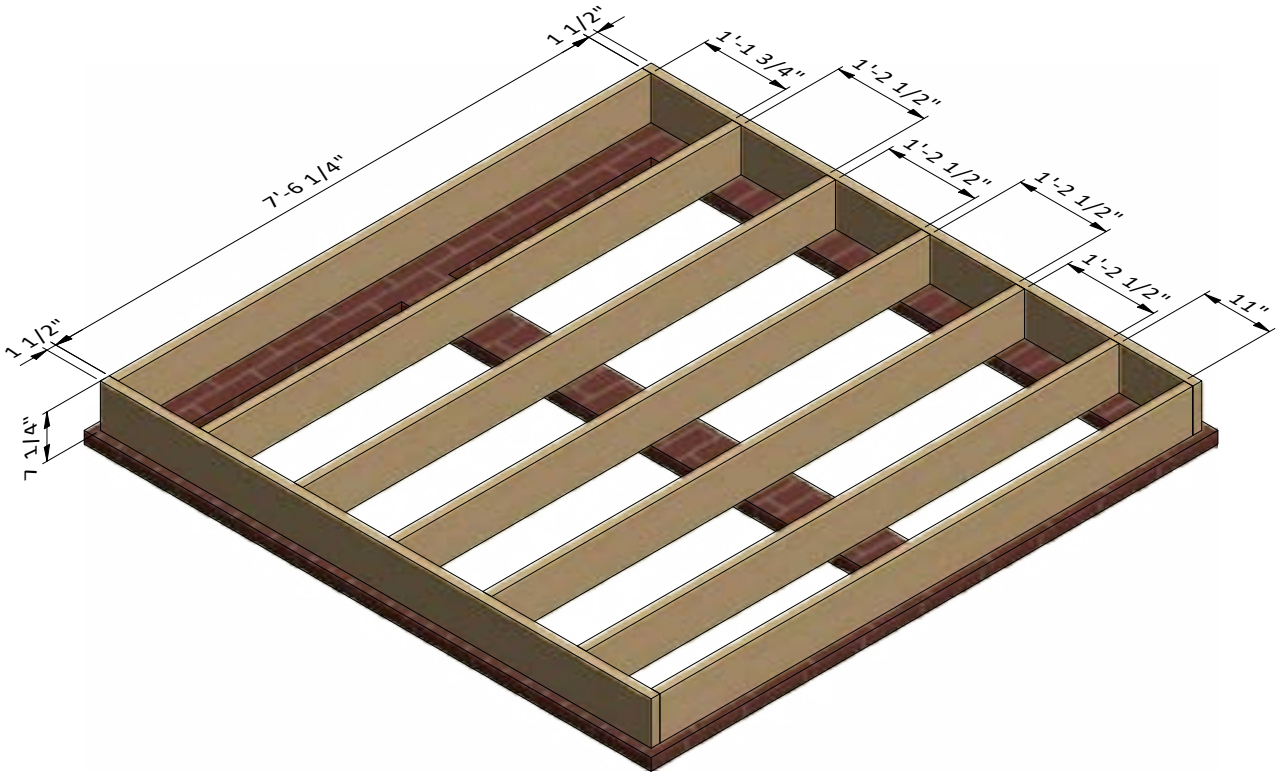
STEP 3

Framing the Floor

3.1 Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber.
You will need five boards cut to 7'-6 1/4" that will be the joist.

3.2 Secure the beams with 8x5" wood screws.

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



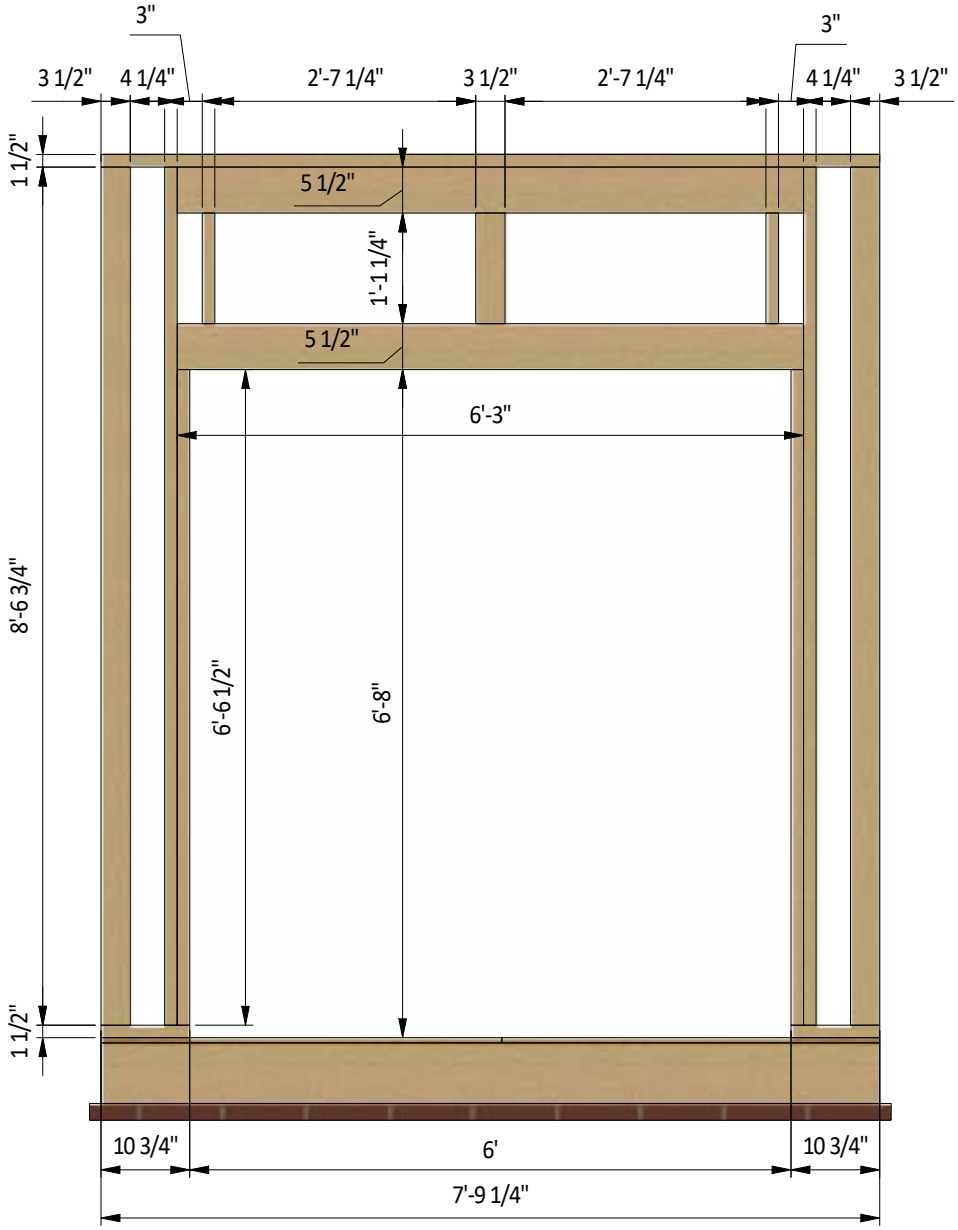
STEP 4

Assemble Front Wall Frame

4.1 Using 1 1/2" x 3 1/2", 1 1/2" x 5 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need four boards cut to 8'-6 3/4" and two boards cut to 6'-6 1/2" that will be studs, two boards cut to 10 3/4" that will be the bottom beams, one board cut to 7'-9 1/4" that will be the top beam, four boards cut to 6'-3" and two sheets of 5/8" plywood cut to 5 1/2" x 6'-3" that will be the door and window headers and three boards cut to 1'-1 1/4" that will be cripple studs.

4.2 Connect the beams with 2x3" wood screws.

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



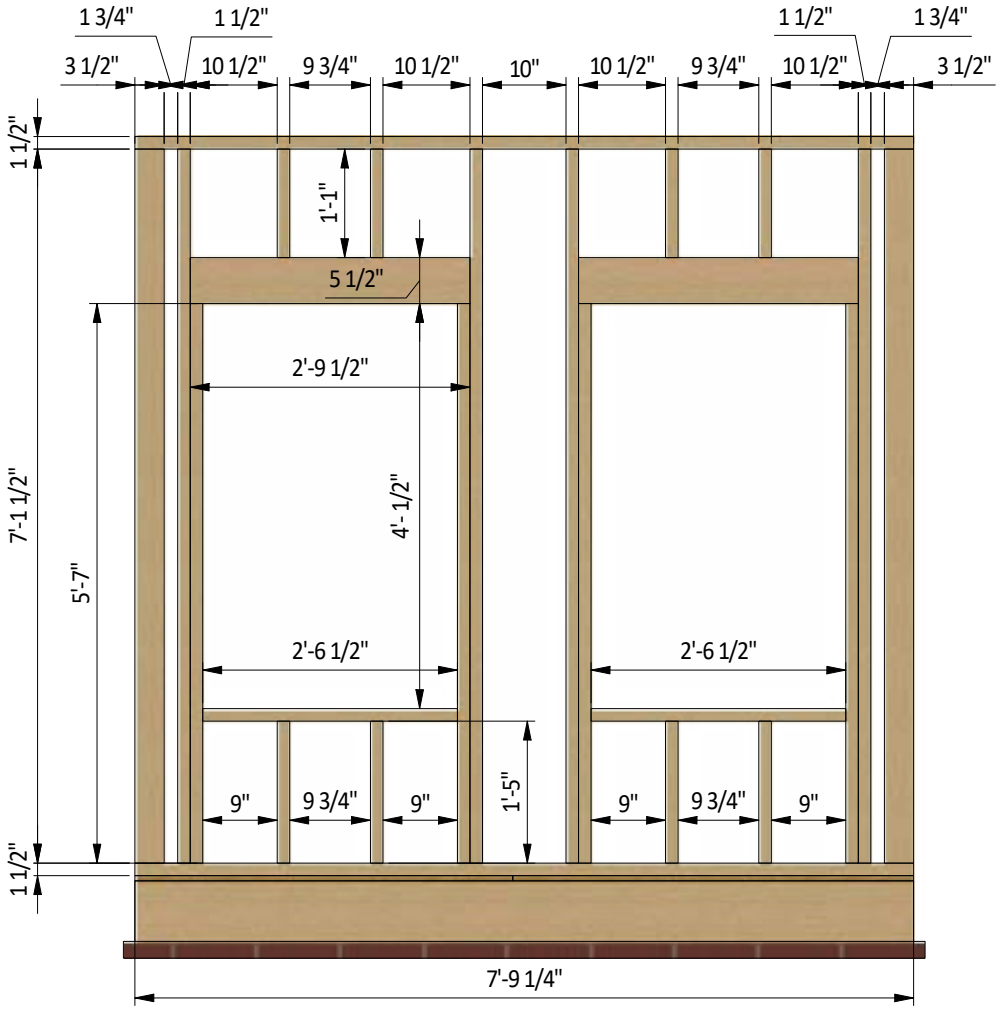
STEP 5

Assemble Back Wall Frame

5.1 Using 1 1/2" x 3 1/2", 1 1/2" x 5 1/2" and 3 1/2" x 3 1/2" pressure-treated lumber, construct back wall frame using the drawing below as a reference. You will need six boards cut to 7'-1 1/2", four boards cut to 5'-7" and four boards cut to 1'-5" that will be studs, two boards cut to 7'-9 1/4" that will be the top and bottom plates, four boards cut to 2'-9 1/2" and two sheets of 5/8" plywood cut to 5 1/2" x 2'-9 1/2" that will be the window headers and four boards cut to 1'-1" that will be cripple studs.

5.2 Connect the beams with 2x3" wood screws.

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



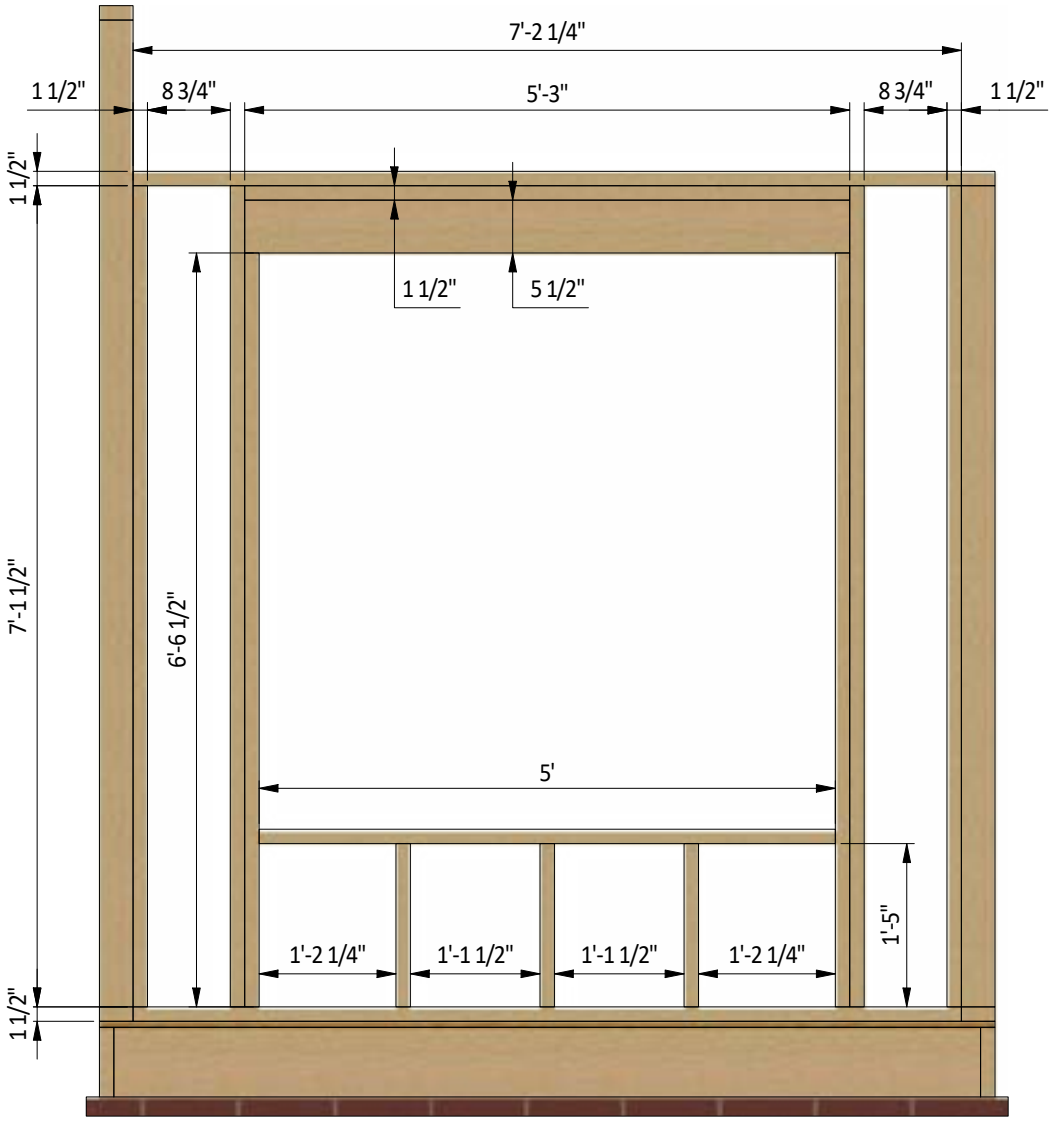
STEP 6

Assemble Right Wall Frame

6.1 Using 1 1/2" x 3 1/2" and 1 1/2" x 5 1/2" pressure-treated lumber, construct right wall frame using the drawing below as a reference. You will need four boards cut to 7'-1 1/2", two boards cut to 6'-6 1/2" and three boards cut to 1'-5" that will be the studs, three boards cut to 5'-3" and one sheet of 5/8" plywood cut to 5 1/2" x 5'-3" that will be the window header, one board cut to 5' that will be rough sill, and two boards cut to 7'-2 1/4" that will be the top and bottom plates.

6.2 Connect the beams with 2x3" wood screws.

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



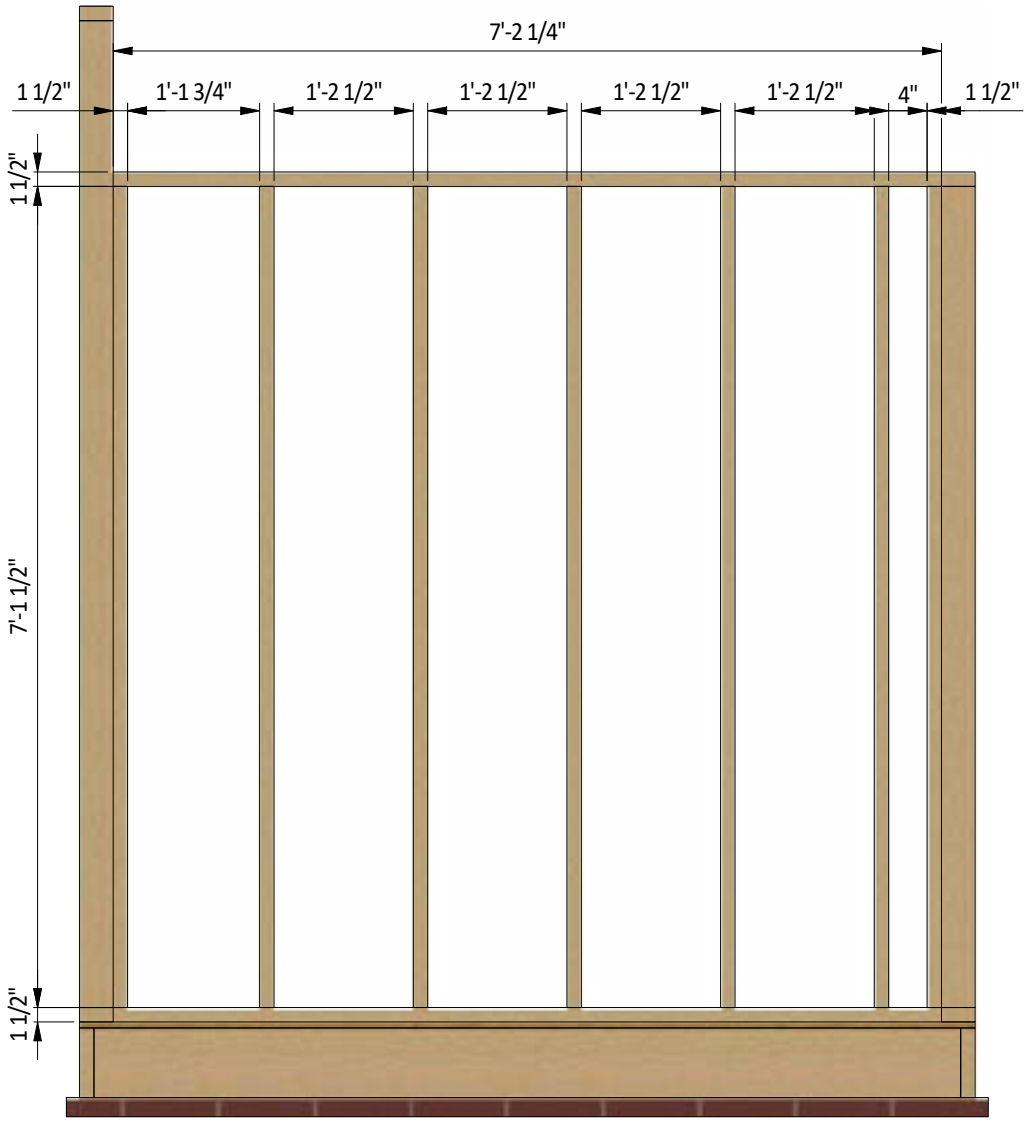
STEP 7

Assemble Left Wall Frame

7.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct left wall frame using the drawing below as a reference. You will need seven boards cut to 7'-1 1/2" that will be the studs and two boards cut to 7'-2 1/4" that will be the top and bottom plates.

7.2 Connect the beams with 2x3" wood screws.

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

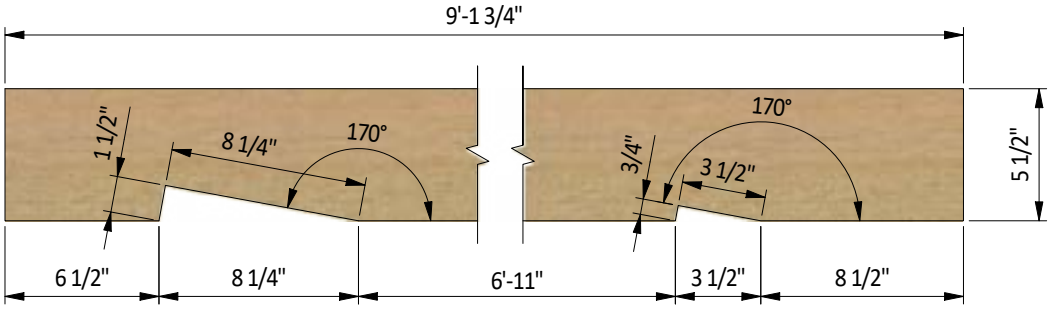


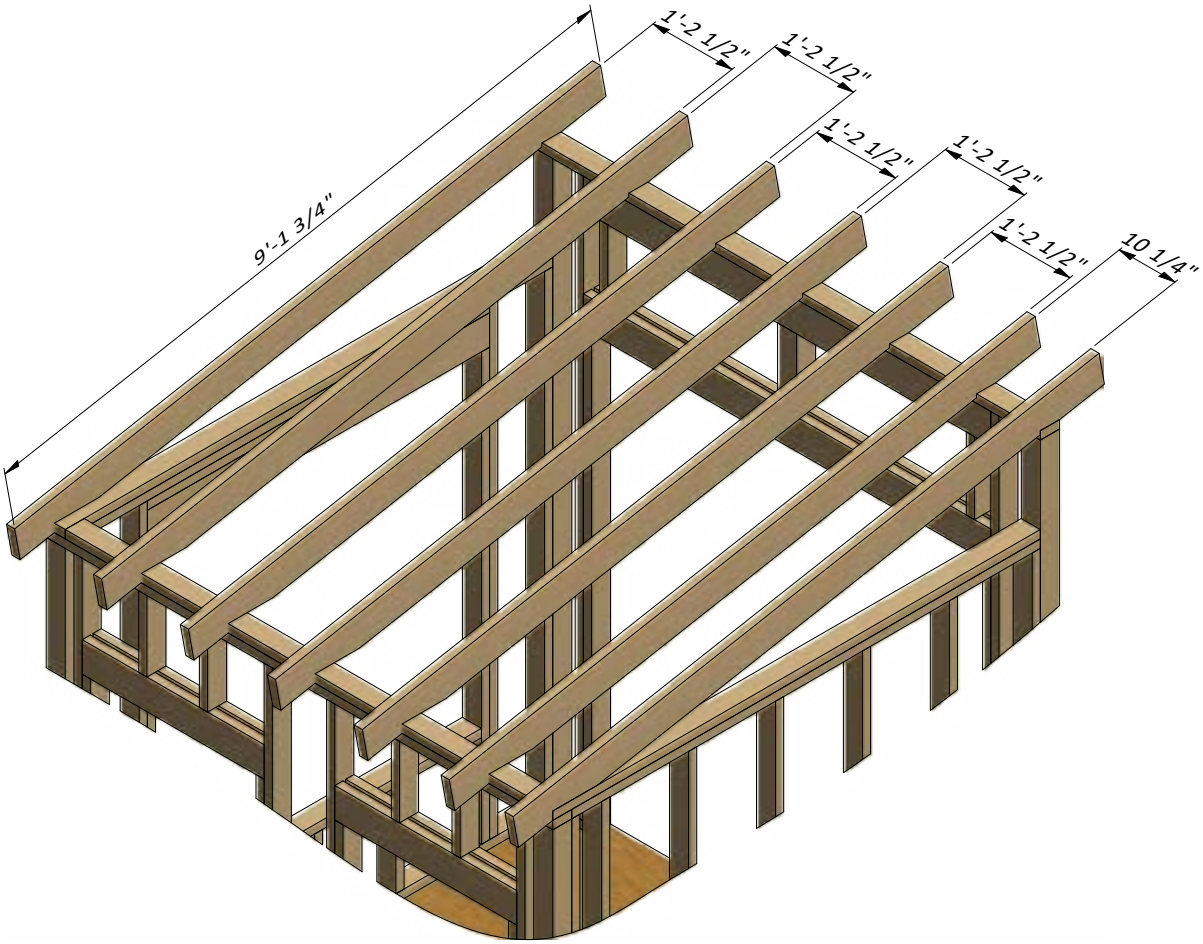
STEP 8

Assemble the Roof Frame

8.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut seven rafters 9'-1 3/4" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

8.2 Connect the beams with a top frame with the help of 5" wood screws.



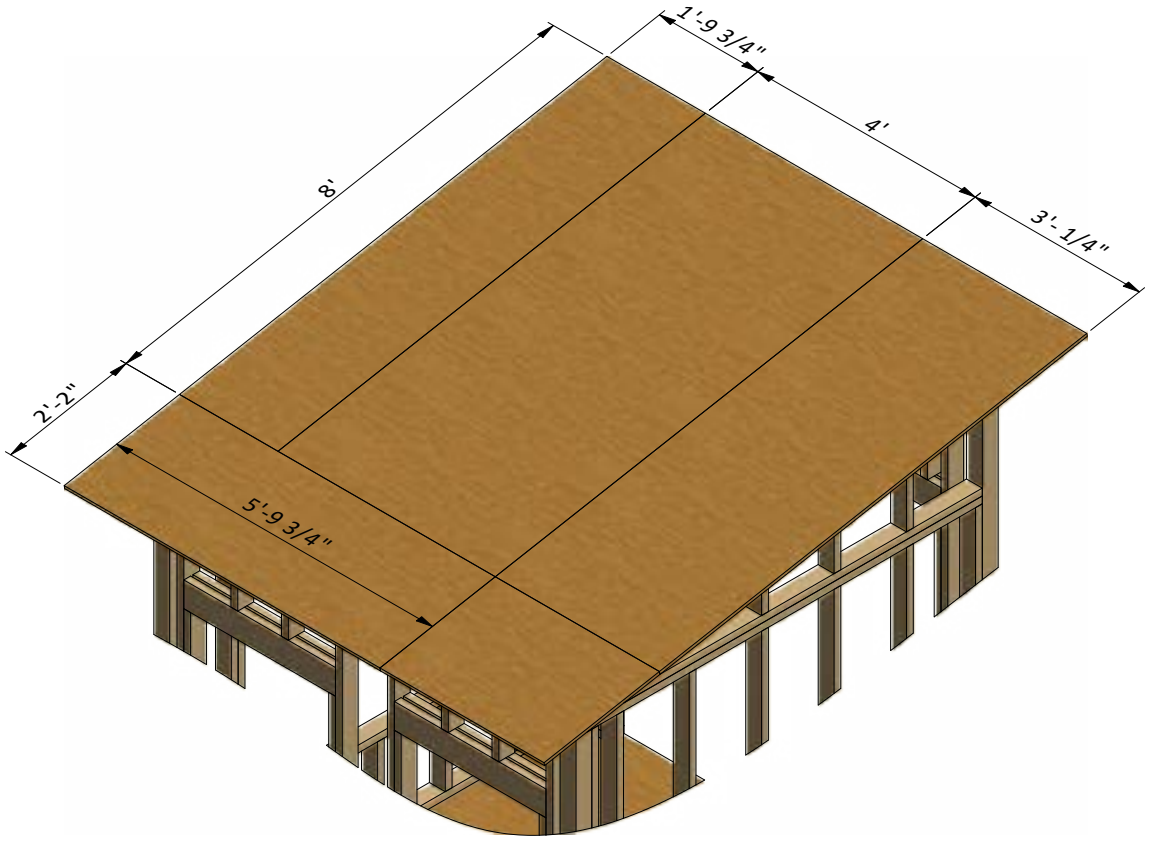


STEP 9

Install Plywood for the Roof

9.1 Cut sheets of 5/8" plywood for the roof sheathing using the drawing below as a guide.
You will need one 1'-9 3/4" x 8' sheet, one 4' x 8' sheet, one 3'-1/4" x 8', one 2'-2" x 5'-9 3/4" sheet and one 3'-1/4" x 2'-2" sheet.

9.2 Secure the plywood with 2" wood screws.



STEP 10

Assemble and Install Shed Doors

10.1 Using 1 1/2 “ x 3 1/2 “ and 1 1/2 “ x 5 1/2" pressure-treated lumber, assemble the frame for the door as shown in the drawings below. You will need two boards cut to 6'-7 1/2" that will be the vertical girts and two boards cut to 2'-11 3/4" that will be the horizontal girts. Cut the recesses for splicing connection.

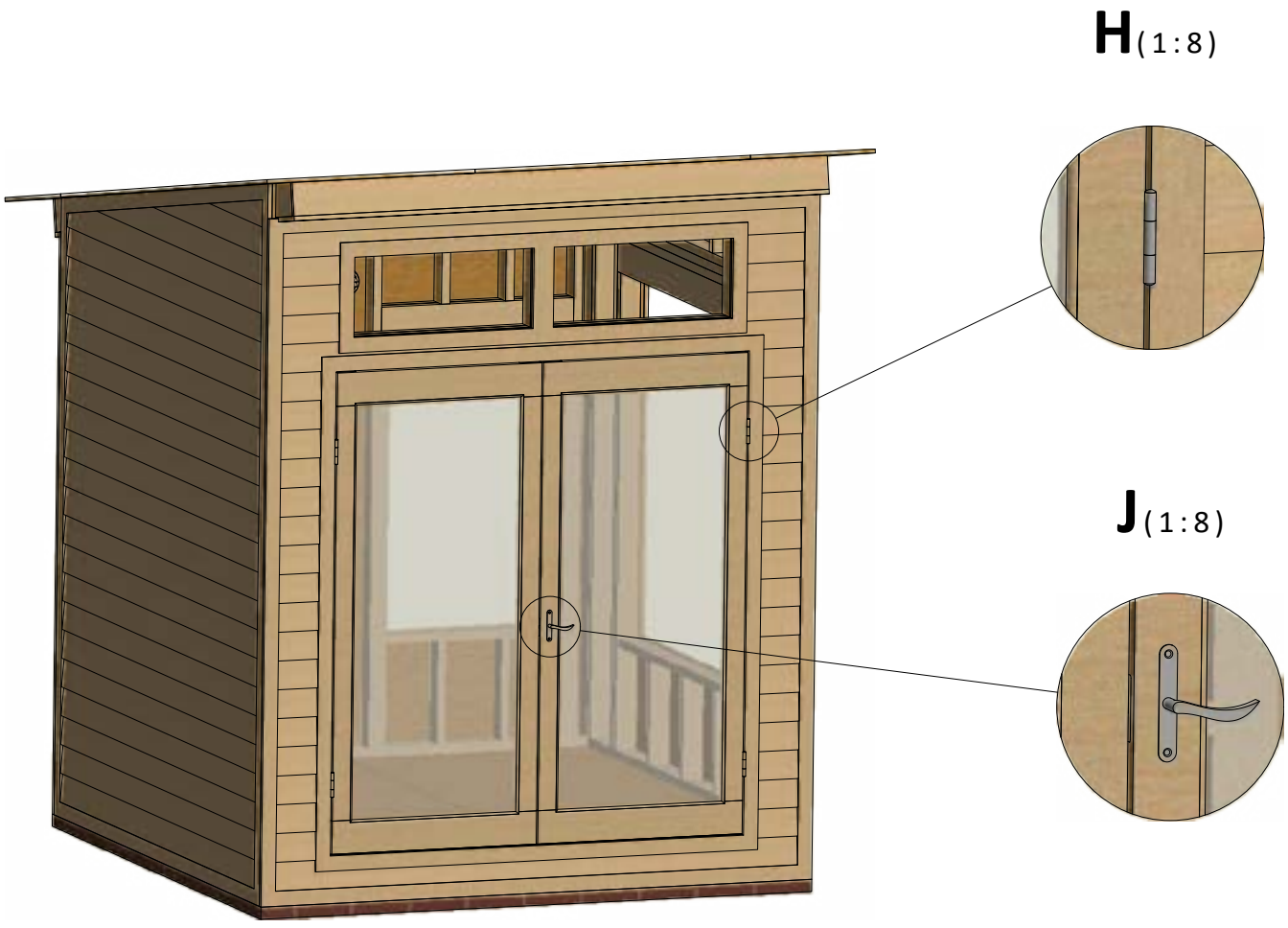
10.2 Connect the beams with 1" wood screws.

10.3 Cut the recesses for the 4" x 1" hinges.

10.4 Mill the recess for the locking clamp and for the lock with handles in vertical girt and recess according to the door lock set documentation that you have buy.

10.5 Install two hinges (4") with 1" wood screws and assemble the doors. Install door lock set.

10.6 Prepare and install glass and fasten it by window beading from four sides. Use 1/2" galvanized nails.



STEP 11

Windows Installation for the Front Wall

It is necessary to prepare 2 windows.

11.1 Using 1 1/2" x 1 1/2" pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. You will need two boards cut to 1'-3/4" that will be the vertical girts and two boards cut to 2'-6 3/4" that will be the horizontal girts. Cut the recesses in each beam for splicing connection and mill a recess for the glass.

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

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

STEP 12

Window Installation for the Right Wall

12.1 Using 1 1/2" x 2 1/2" pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. 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.

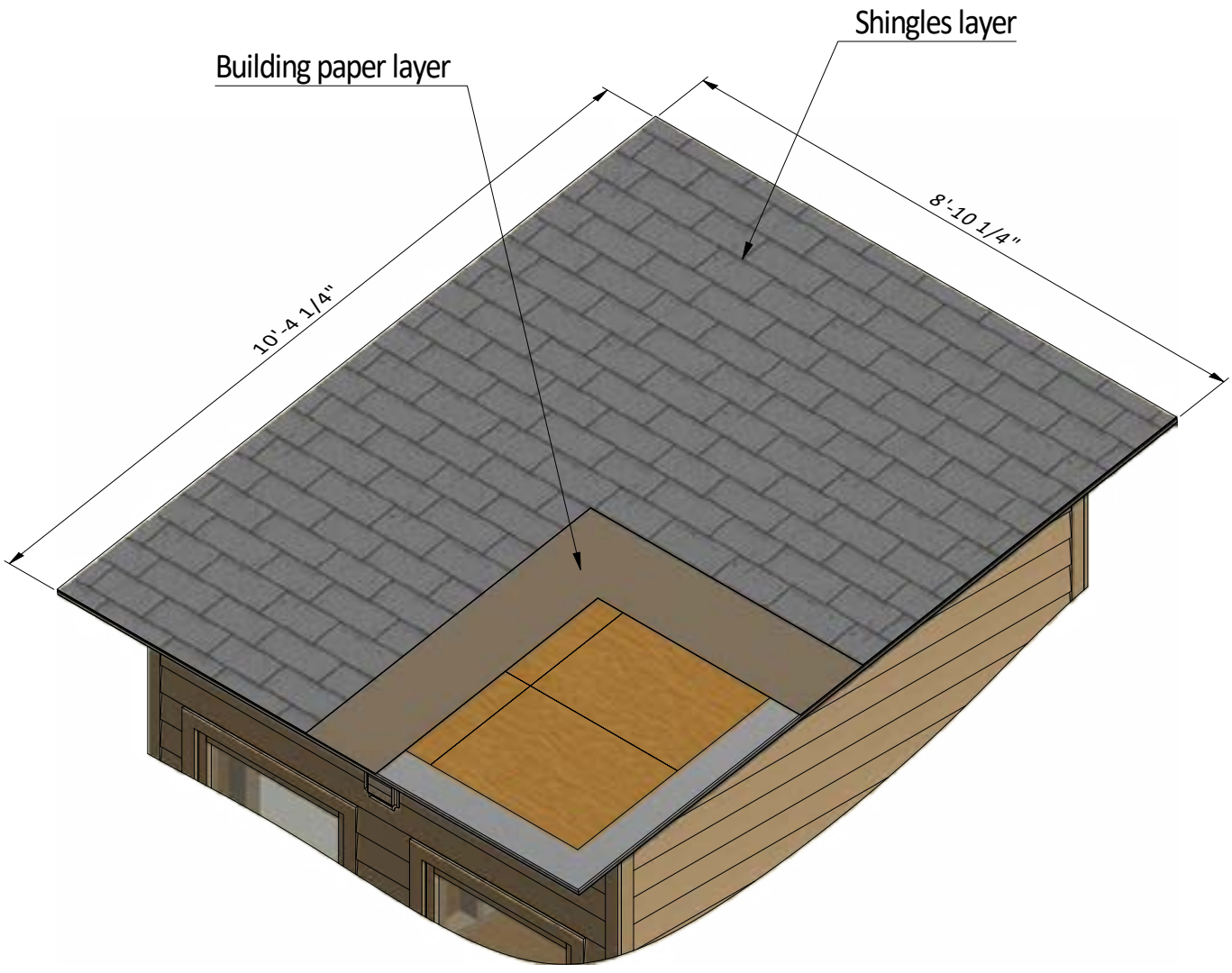
STEP 13

Roof Sheathing Installation

13.1 You will need 92 Sq Ft of building paper and asphalt shingle roofing.

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

13.3 Install asphalt shingle roofing using an industrial stapler.



STEP 14

Thank You

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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This perfectly designed plan will guide you through the entire process of building your very own shed for any backyard or garden.

Check out the benefits you would get with our premium edition:

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Additional Blueprints	✗	✓
Tools List	✗	✓
Fastening Elements List	✗	✓
Technical Support	✗	✓

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