



8'x10' 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	18	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	✗	✓

BUY NOW

8'x10' office shed material list

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Pressure-Treated Lumber
- Plywood

Walls Frames

- Pressure-Treated Lumber

Shed's Roof

- Pressure-Treated Lumber
- Pressure-Treated Board
- Plywood
- Building paper
- Asphalt shingles
- Metal drip edge

Front/Side Shed's Window

- Pressure-Treated Lumber
- Window beading
- Glass

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

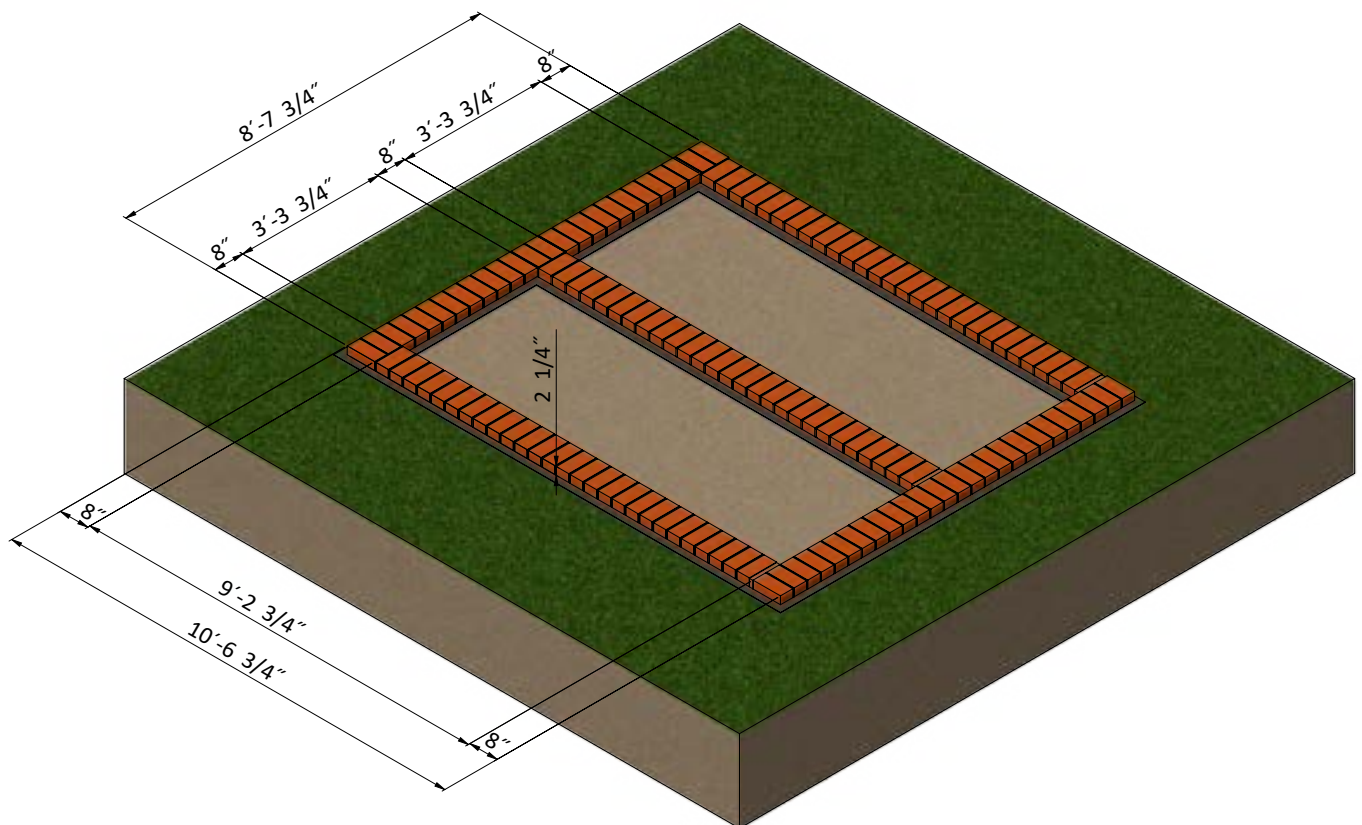
- Corner braces
- Galvanized nails
- Wood screws

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.

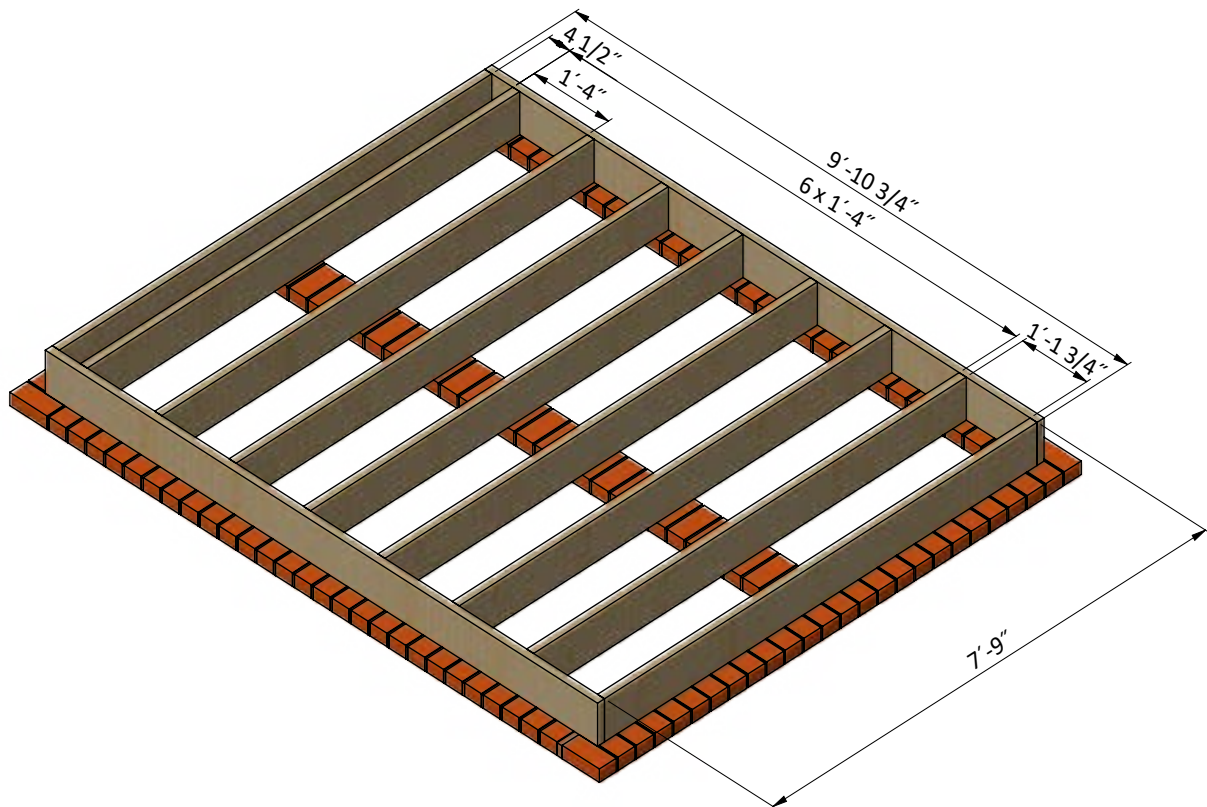
1.2. Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 133 bricks for this step.



STEP 2

Framing the Floor

- 2.1. Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber. You will need seven boards cut to 7'-9" that will be joist.
- 2.2. Secure the beams with 8 x 5" wood screws.
- 2.3. Using a speed square or carpenter's square, check the corners to make sure they are 90°.

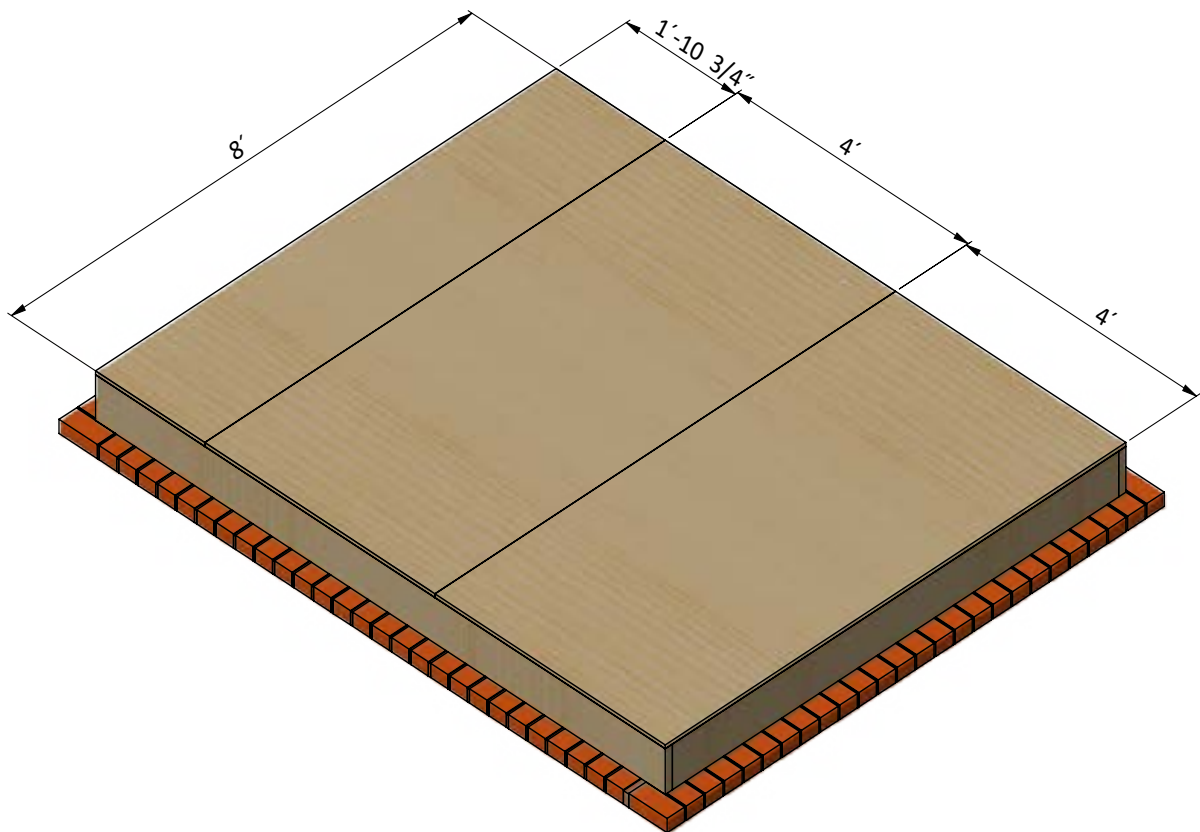


STEP 3

Install the Plywood Floor

3.1. Prepare the 5/8" plywood for the floor sheathing according to the drawing. You will need two 4' x 8' sheets and one 1'-10 3/4" x 8' sheet.

3.2. Secure the plywood with 2" wood screws.



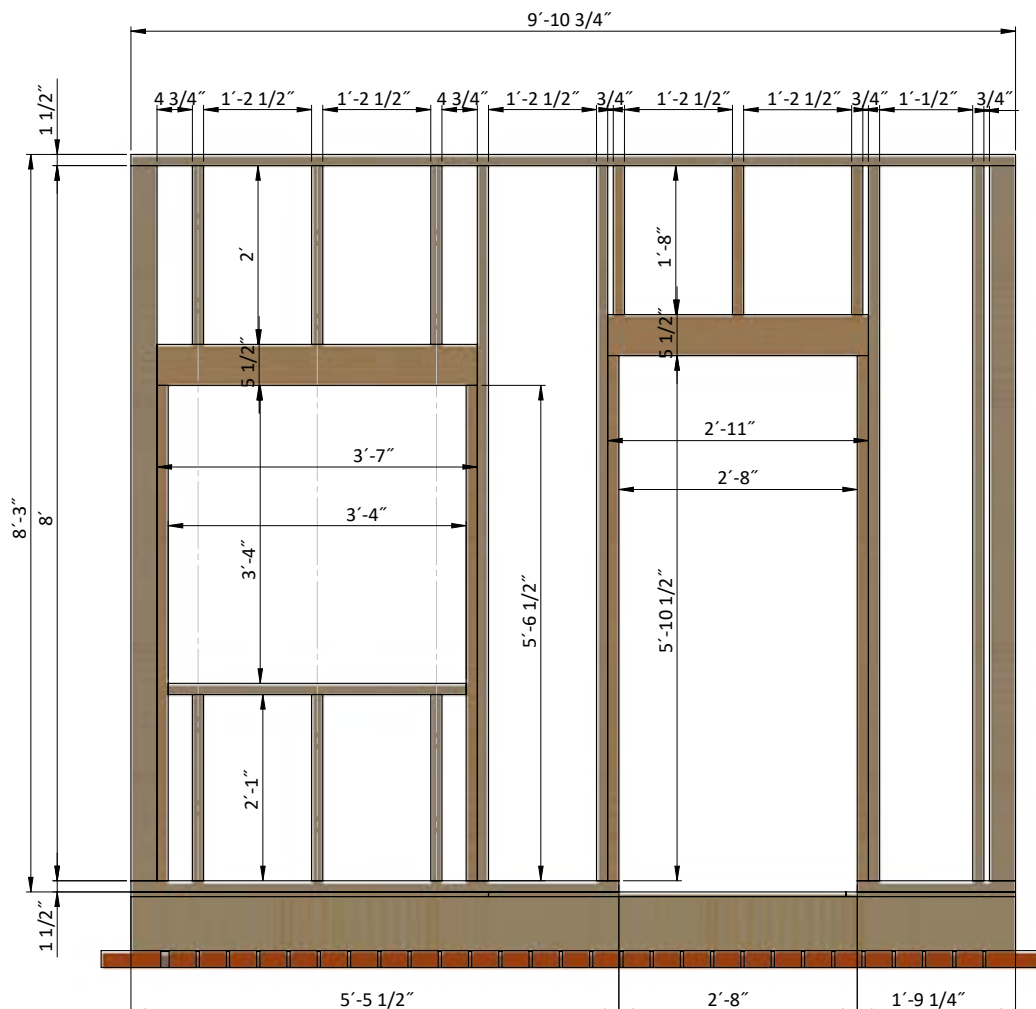
STEP 4

Assemble Front Wall Frame

4.1. Using 1 1/2" x 3 1/2", 3 1/2" x 3 1/2" and 1 1/2" x 5 1/2" pressure-treated lumber, construct front wall frame using the drawing below as a reference. You will need three board cut to 2' and three boards cut to 1'-8" that will be cripple studs, one board cut to 3'-4" that will be the rough sill, two boards cut to 5'-10 1/2", two boards cut to 5'-6 1/2", three boards cut to 2'-1" and four boards cut to 8' that will be the studs, one board cut to 5'-5 1/2" and one board cut to 1'-9 1/4" that will be the bottom plates and one board cut to 9'-10 3/4" that will be the top plate. You will need two boards cut to 8' that will be studs. You will need two boards cut to 2'-11" that will be the door header and two boards cut to 3'-7" that will be the window header.

4.2. Connect the beams with 2 x 3" and 2 x 5" wood screws.

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



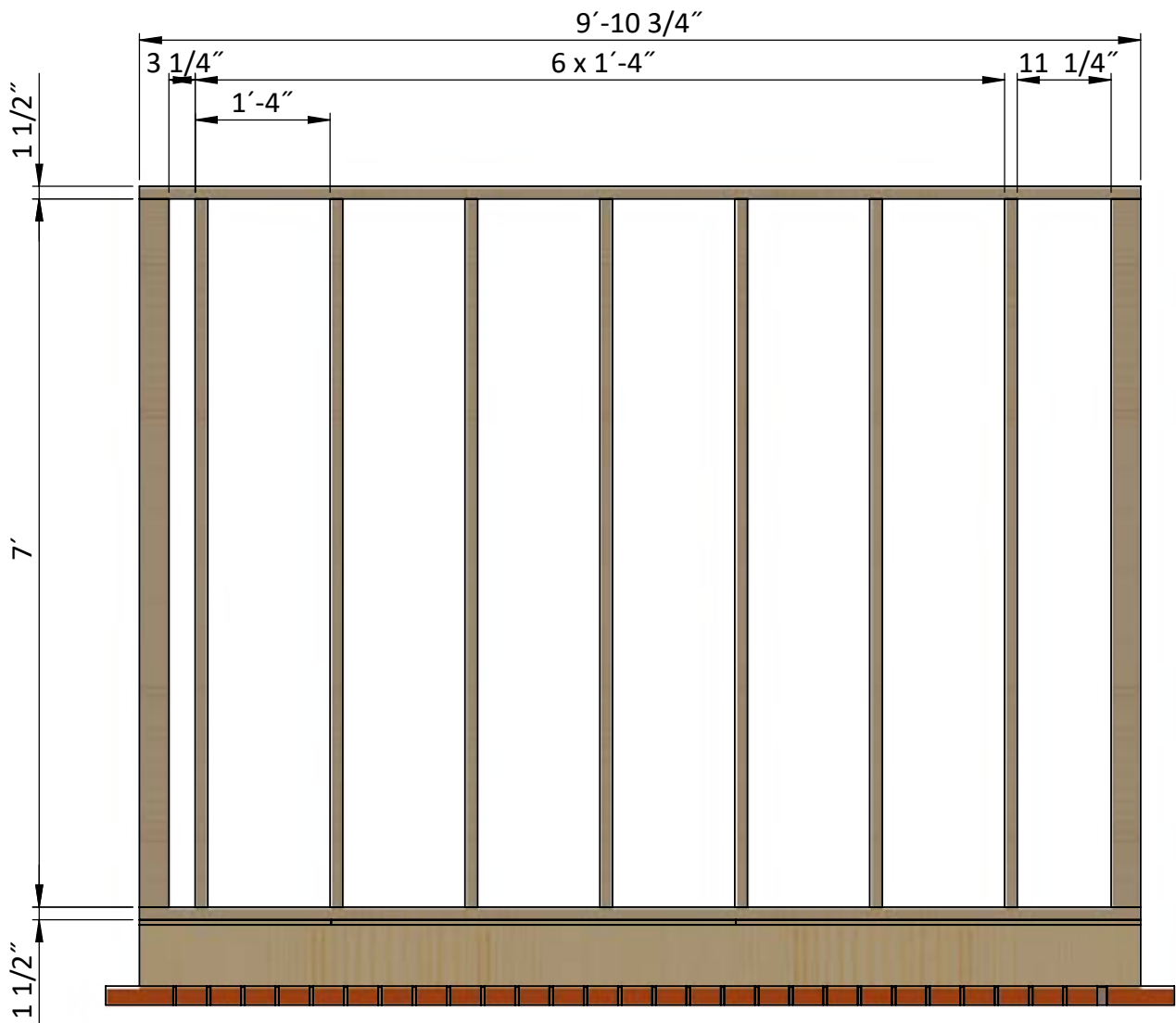
STEP 5

Assemble Back Wall Frame

5.1. Using 1 1/2" x 3 1/2" 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 nine boards cut to 7' that will be studs and two boards cut to 9'-10 3/4" that will be the top and bottom plates.

5.2. Connect the beams with 2 x 3" wood screws.

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



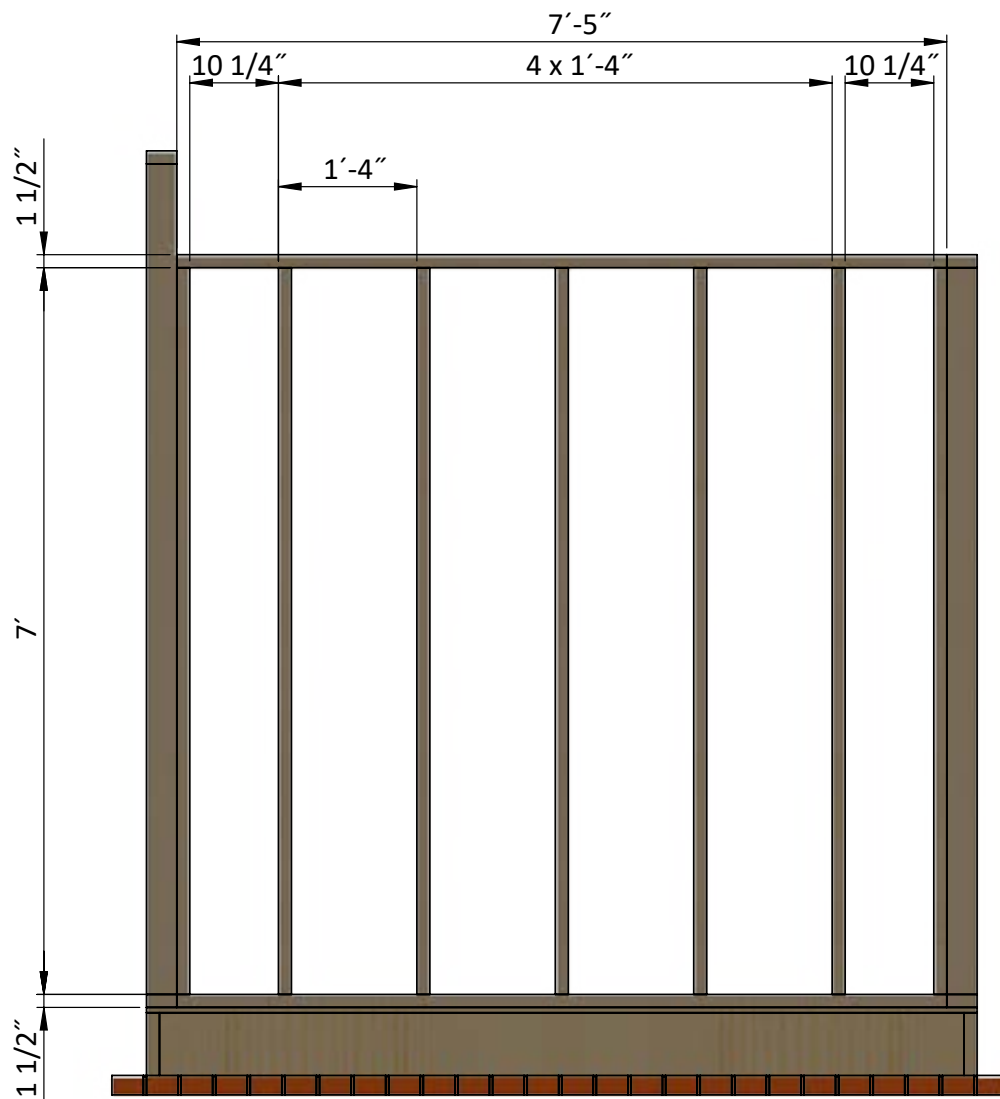
STEP 6

Assemble Right Wall Frame

6.1. Using 1 1/2" x 3 1/2" pressure-treated lumber, construct the right wall frame using the drawing below as a reference. You will need seven boards cut to 7' that will be the studs and two boards cut to 7'-5" that will be the top and bottom plates.

6.2. Connect the beams with 2 x 3" wood screws.

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



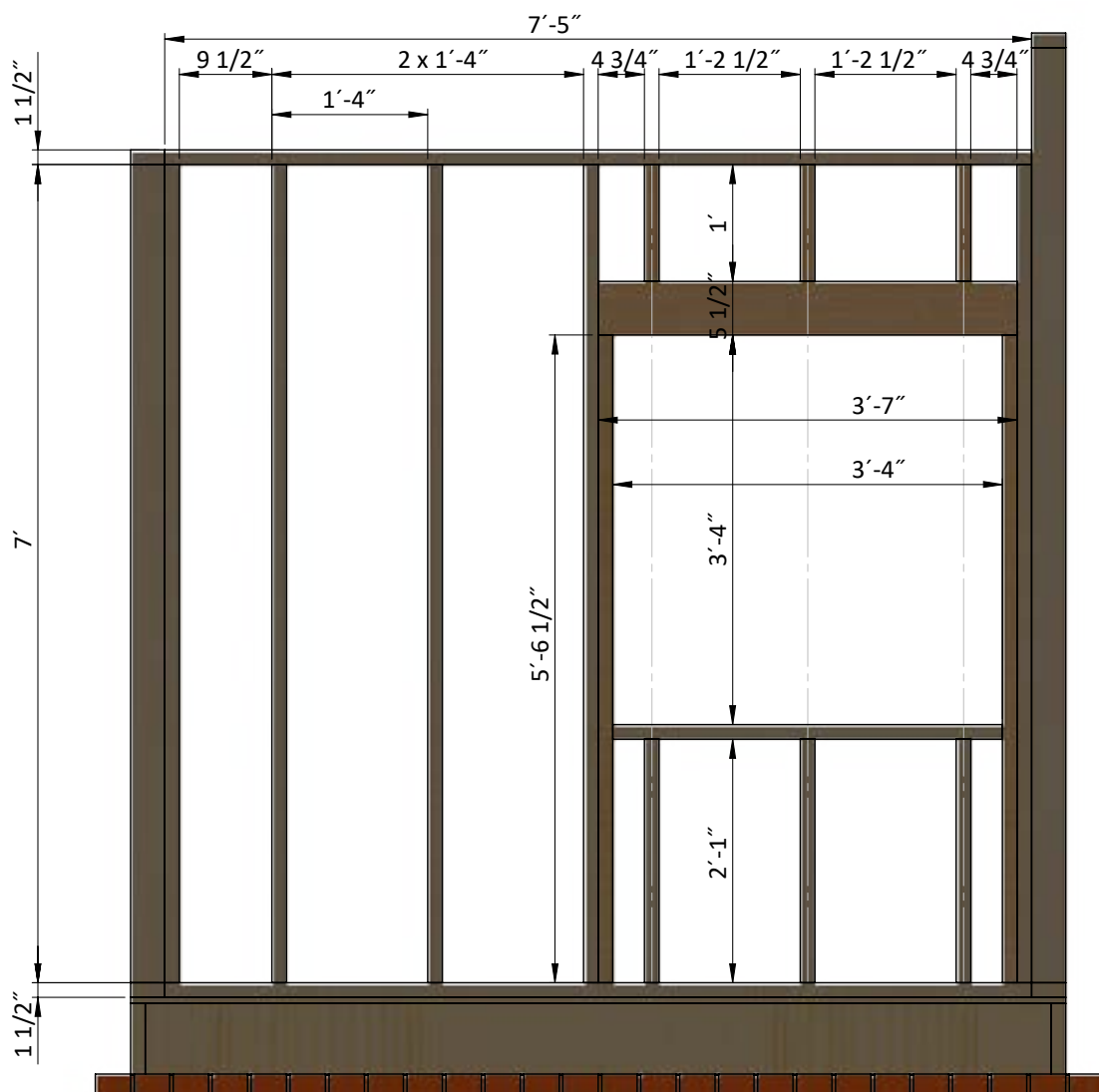
STEP 7

Assemble Left Wall Frame

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

7.2. Connect the beams with 2 x 3" and 2 x 5" wood screws.

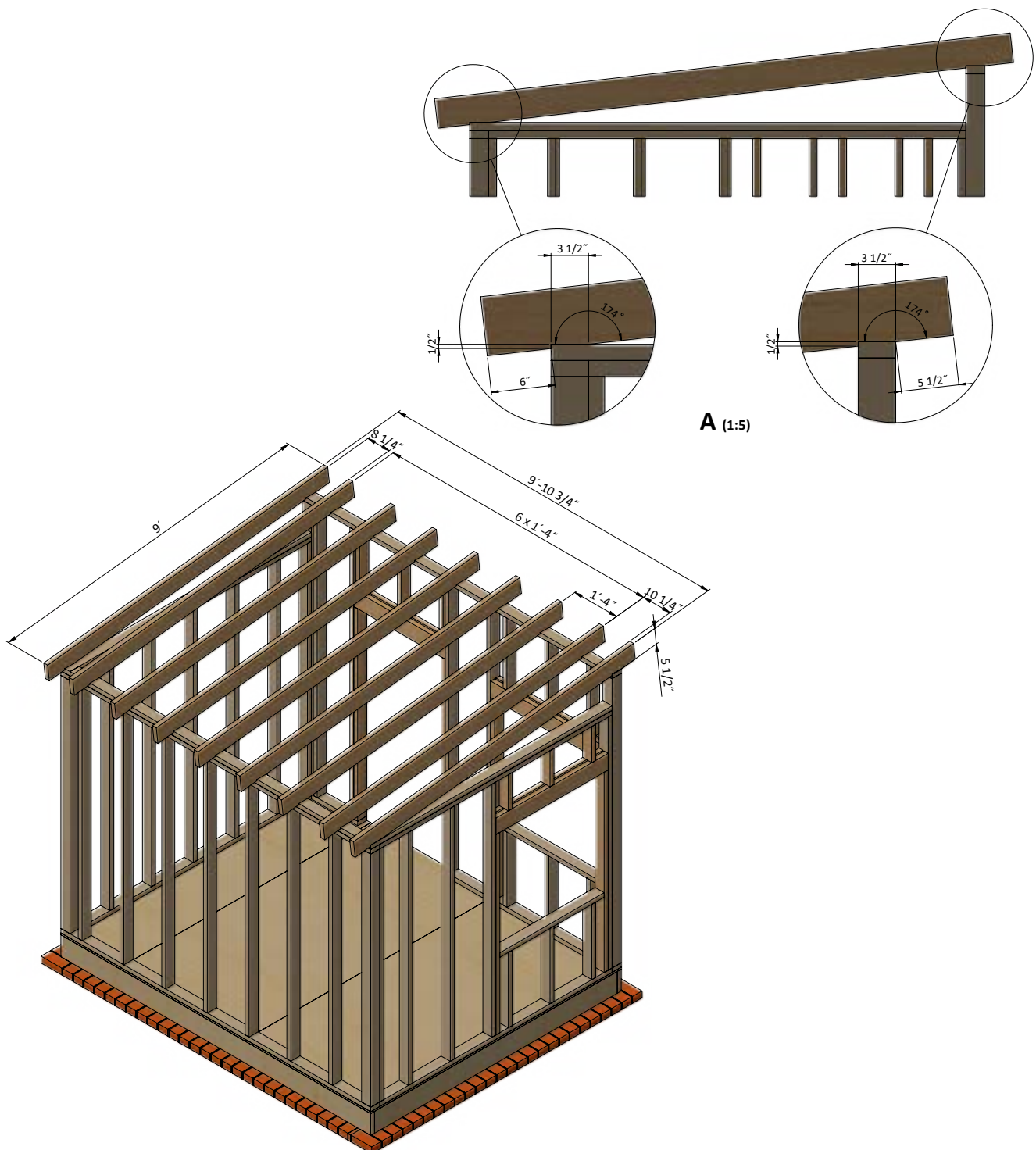
7.3. Using a speed square or carpenter's square, check the corners to make sure they are 90°.



STEP 8

Assemble the Roof Frame

- 8.1. Using 1 1/2" x 5 1/2" pressure-treated lumber, cut nine rafters 9' long according to the drawing below.
- 8.2. Connect the beams with 2 x 5" wood screws.
- 8.3. Rafters are installed directly on the walls, one by one.

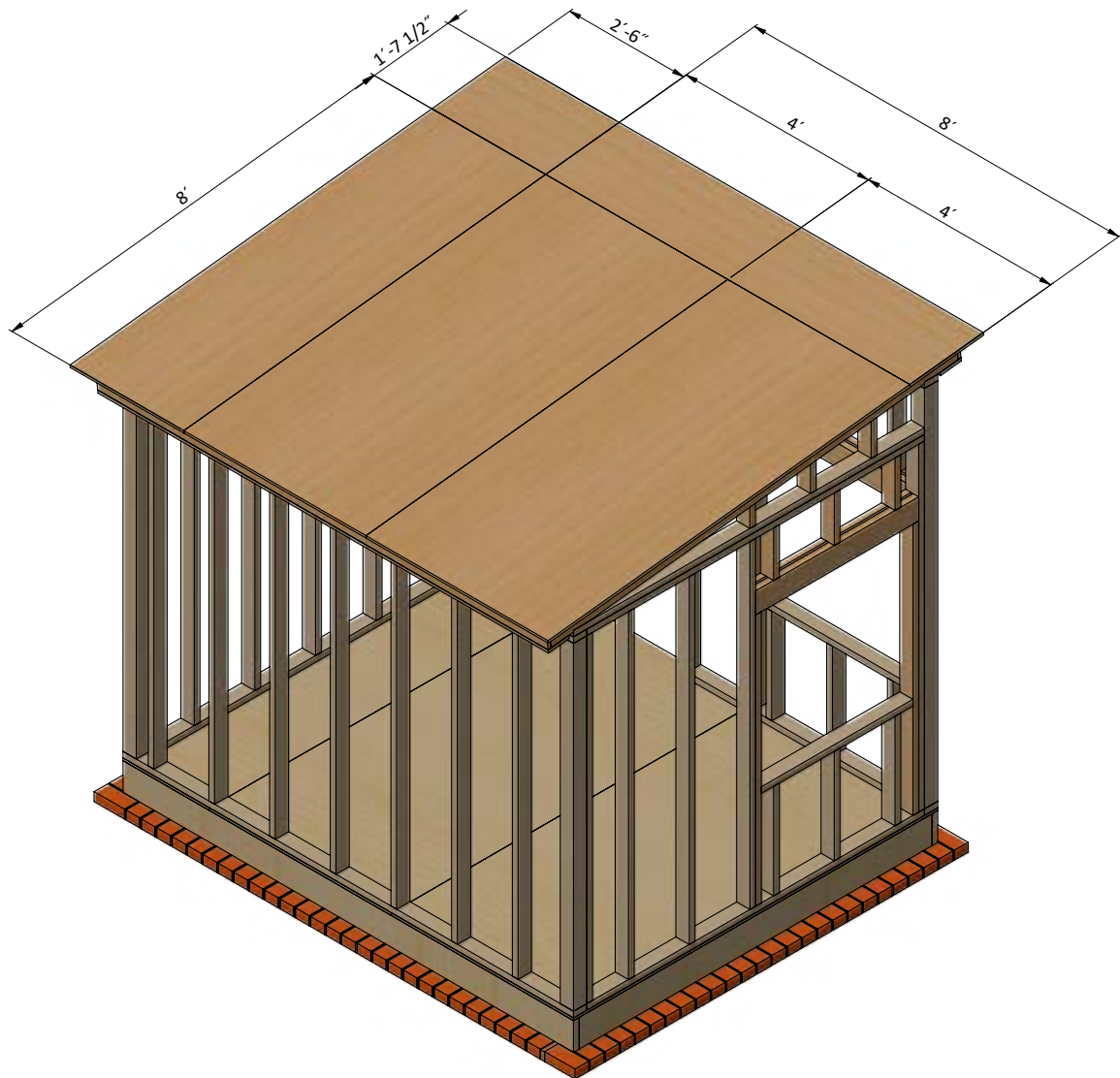


STEP 9

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 to cut two 4' x 8' sheets, one 2'-6" x 8' sheet, one 1'-7 1/2" x 8' sheet and one 1'-7 1/2" x 2'-6" sheet.

9.2. Secure the plywood with 2" wood screws.



STEP 10

Installing the Exterior Siding to the Left Wall

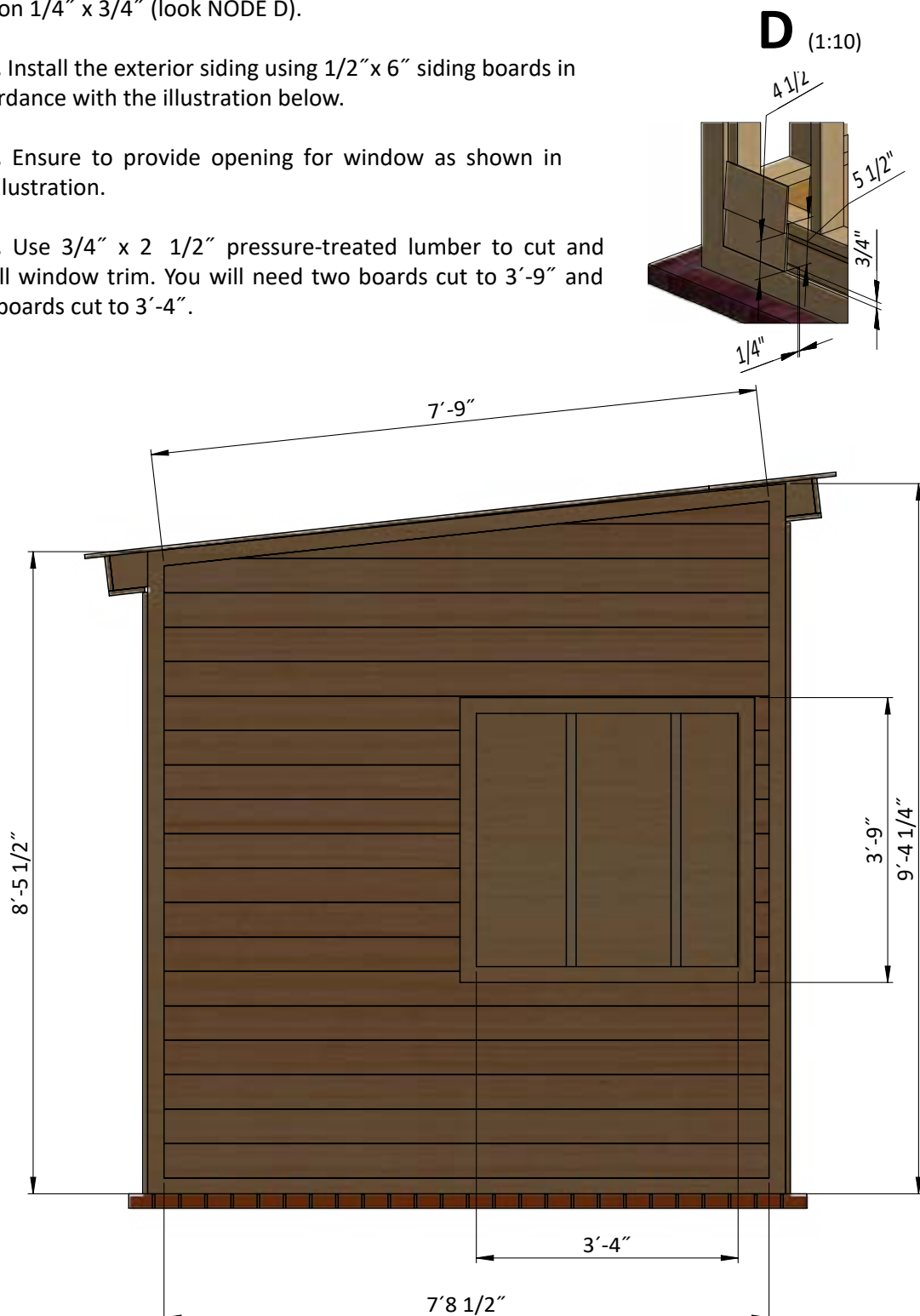
10.1. Use $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated lumber to cut and install the wall trims. Use the illustration below as a reference. You will need one board cut to $9'-4\frac{1}{4}"$, one board cut to $8'-5\frac{1}{2}"$, one board cut to $7'-9"$ and one board cut to $7'-8\frac{1}{2}"$.

10.2. Prepare and install starter course $7'-8\frac{1}{2}"$ long from the pressure treated lumber with cross section $\frac{1}{4}$ " x $\frac{3}{4}"$ (look NODE D).

10.3. Install the exterior siding using $\frac{1}{2}$ " x 6" siding boards in accordance with the illustration below.

10.4. Ensure to provide opening for window as shown in the illustration.

10.5. Use $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated lumber to cut and install window trim. You will need two boards cut to $3'-9"$ and two boards cut to $3'-4"$.



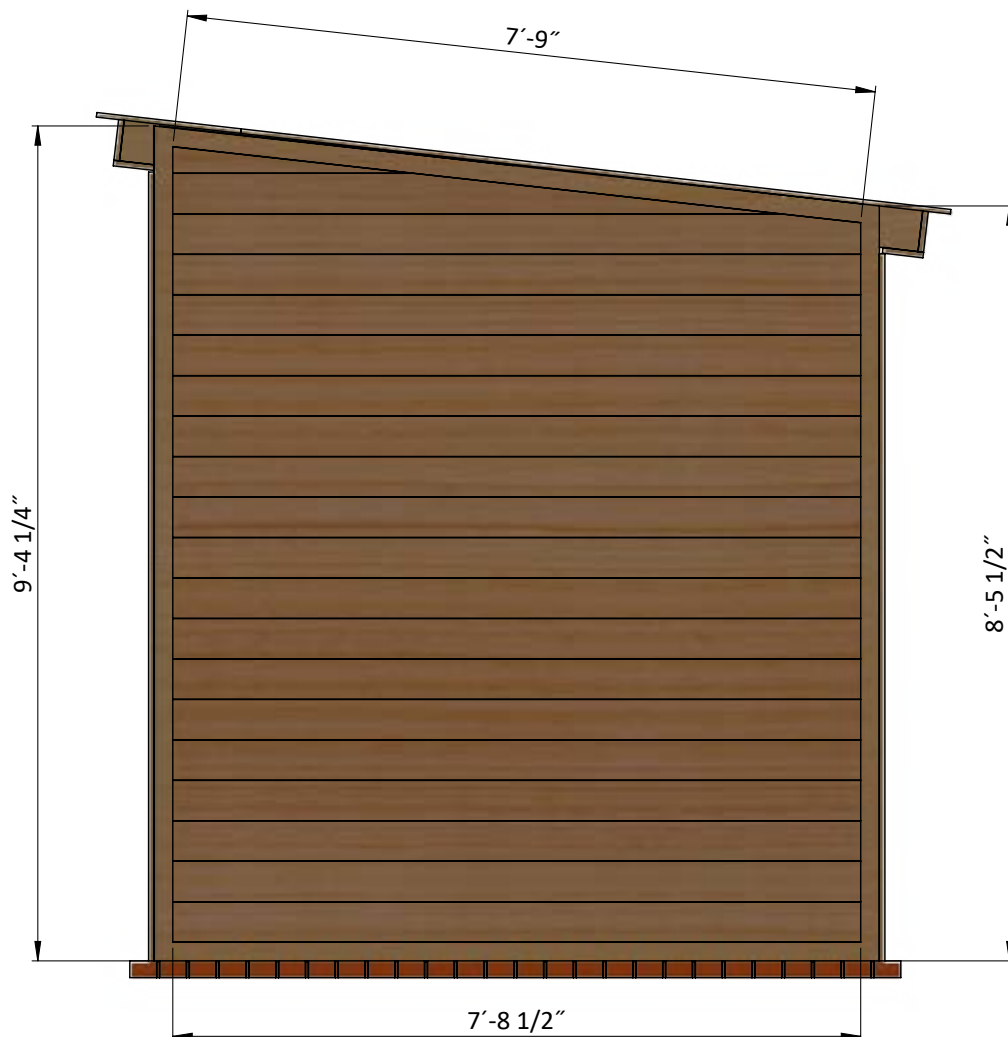
STEP 11

Installing the Exterior Siding to the Right Wall

11.1. Use $\frac{3}{4}$ " x 2 $\frac{1}{2}$ " pressure-treated lumber to cut and install wall trims. Use the illustration below as a reference. You will need one board cut to 9'-4 $\frac{1}{4}$ ", one board cut to 8'-5 $\frac{1}{2}$ ", one board cut to 7'-9" and one board cut to 7'-8 $\frac{1}{2}$ ".

11.2. Prepare and install starter course 7'-8 $\frac{1}{2}$ " long from the pressure-treated lumber with cross section $\frac{1}{4}$ " x $\frac{3}{4}$ ".

11.3. Install the exterior siding using $\frac{1}{2}$ " x 6" siding boards in accordance with the illustration below.



STEP 12

Installing the Exterior Siding to the Front Wall

12.1. Use $\frac{3}{4}$ " x $2\frac{1}{2}$ " pressure-treated lumber to cut and install the door and wall trims. Use the illustration below as a reference. You will need two boards cut to $9'-8\frac{3}{4}"$, two boards cut to $8'-10"$, two boards cut to $2'-8"$ and two boards cut to $6'-5"$.

12.2. Prepare and install starter course $9'-8\frac{3}{4}"$ long from the pressure-treated lumber with cross section $\frac{1}{4}"$ x $\frac{3}{4}"$.

12.3. Install the exterior siding using $\frac{1}{2}"$ x $6"$ siding boards in accordance with the illustration below.

12.4. Use $\frac{3}{4}"$ x $2\frac{1}{2}"$ pressure-treated lumber to cut and install the window trims. You will need two boards cut to $3'-9"$ and two boards cut to $3'-4"$.



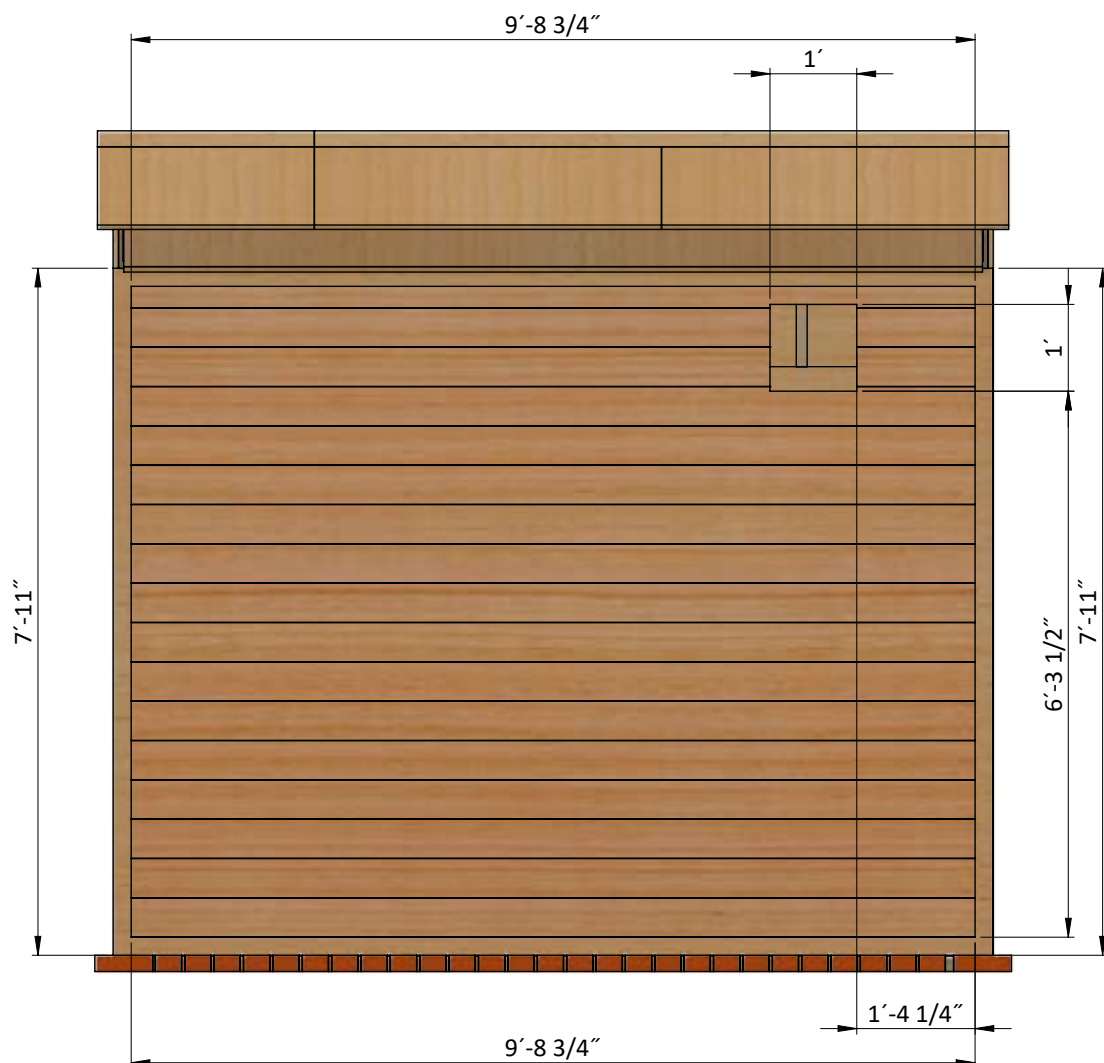
STEP 13

Installing the Exterior Siding to the Back Wall

13.1. Use 3/4" x 2 1/2" pressure-treated lumber to cut and install wall trims. Use the illustration below as a reference. You will need two boards cut to 9'-8 3/4" and two boards cut to 7'-11".

13.2. Prepare and install starter course 9'-8 3/4" long from the pressure-treated lumber with cross section 1/4" x 3/4".

13.3. Install the exterior siding using 1/2" x 6" siding boards in accordance with the illustration below.



STEP 14

Assemble and Install Shed Door

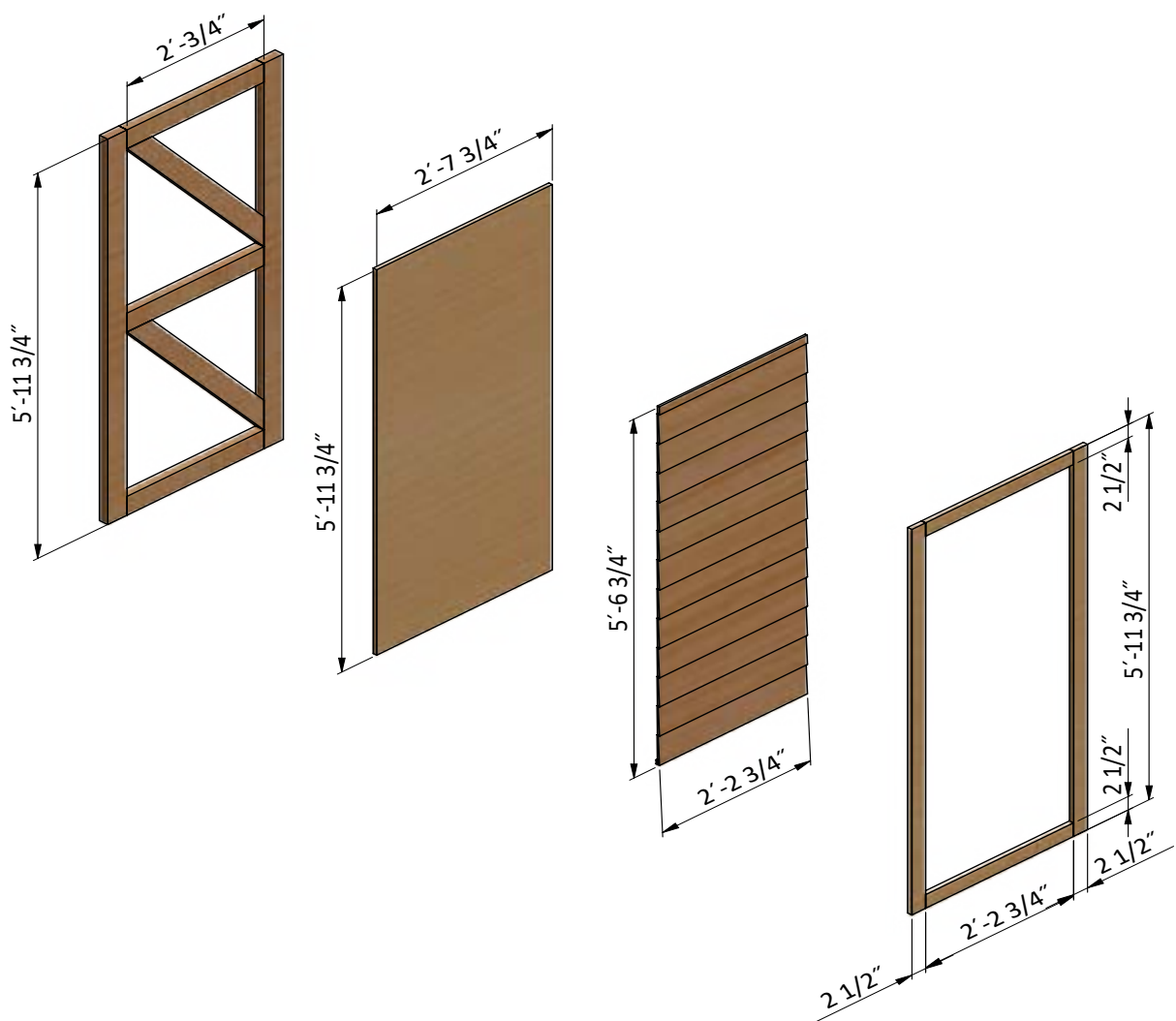
14.1. Build the door frame for the shed using 1 1/2" x 3 1/2" pressure-treated lumber and secure with 5" wood screws. You will need two boards cut to 5'-11 3/4" that will be the vertical girts, three boards cut to 2'-3 3/4" that will be horizontal girts and two boards cut to 3'-3 1/2" that will be angled girts. Prepare the 5/8" plywood sheet with dimension 2'-7 3/4" x 5'-11 3/4" for the door according to the drawing.

14.2. Use 3/4" x 2 1/2" pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 2'-2 3/4" and two boards cut to 5'-11 3/4".

14.3. Using 1/4" x 3/4" pressure-treated lumber, cut and install a starter course 2'-2 3/4" long.

14.4. For the exterior siding on the door, use 1/2" x 6" wood siding boards and the illustration below as a reference.

14.5. Assemble siding shields with 2" galvanized nails. Install three 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching door pull.



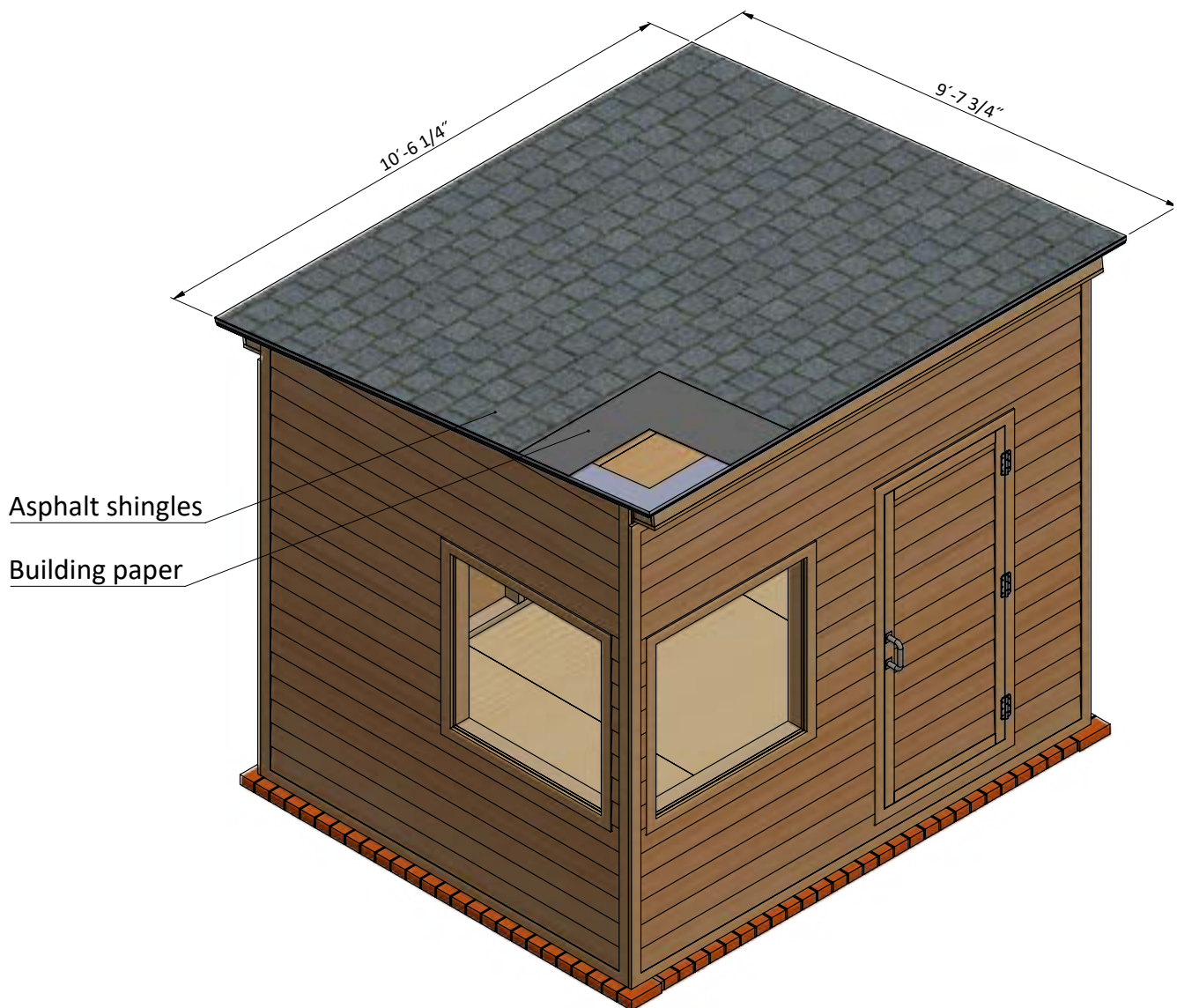
STEP 15

Roof Sheathing Installation

15.1. You will need 110 sq ft of building paper and 110 sq ft of asphalt shingle roofing.

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

15.3. Install asphalt shingle roofing using an industrial stapler.



STEP 16

Window Installation for the Front Wall

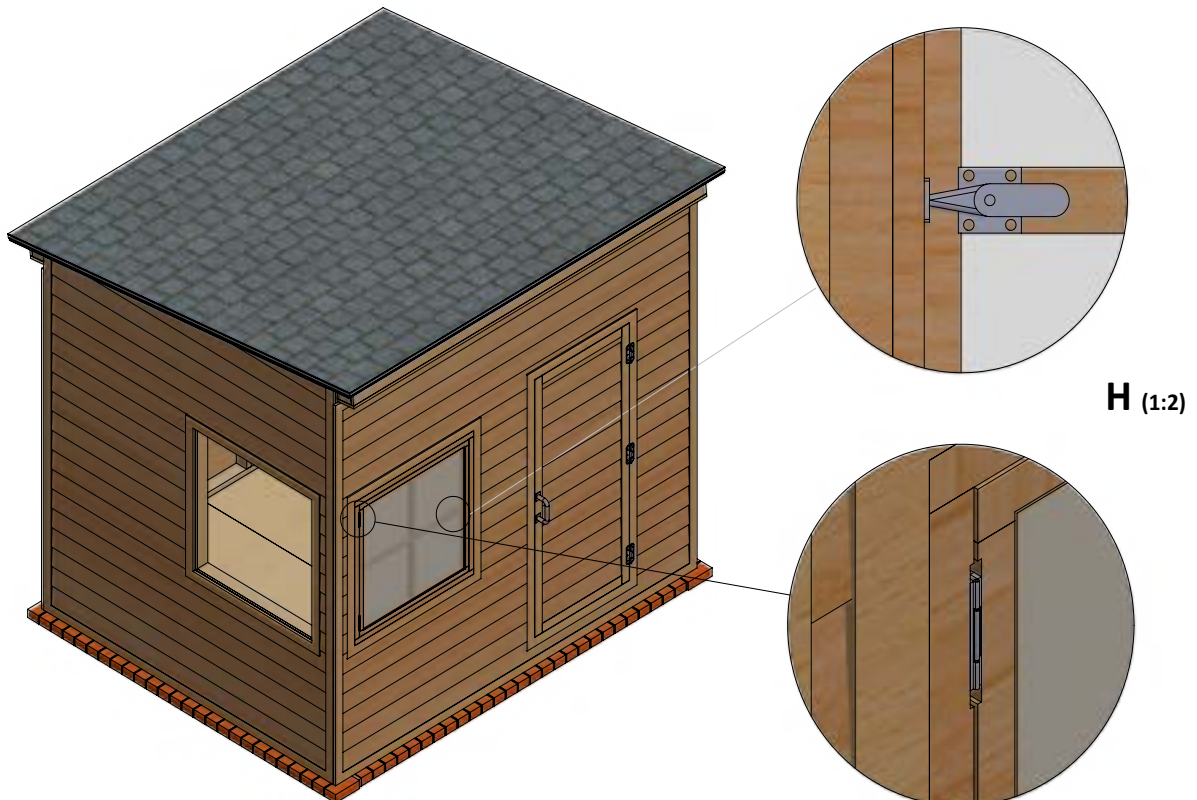
16.1. Using 1 1/2" x 2 1/2" pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. You will need two boards cut to 3'-1" that will be the vertical girts and two boards cut to 3'-4" that will be horizontal girts. Additionally, add vertical 2'-11 1/2" long and horizontal 3'-1" long supports using 3/4" x 1" lumber and cut the recesses for the window hinges.

16.2. Use 1 1/2" x 1 1/2" pressure-treated material to make the inner frame and secure with 3" wood screws. You will need two boards cut to 2'-9 3/4" that will be vertical girts and two boards cut to 3'-3/4" that will be horizontal girts. Mill a recess for the glass panes and for the hinges.

16.3. Use 1 1/4" x 1 1/2" pressure-treated material to make the inner frame supports and secure with 3" wood screws. You will need two boards cut to 2'-9 3/4" and mill a recess for interconnection.

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

16.5. Install two hinges (3") with 6x1" wood screws and assemble the window. Install a lock on the inner side of the window.



STEP 17

Window Installation for the Left Wall

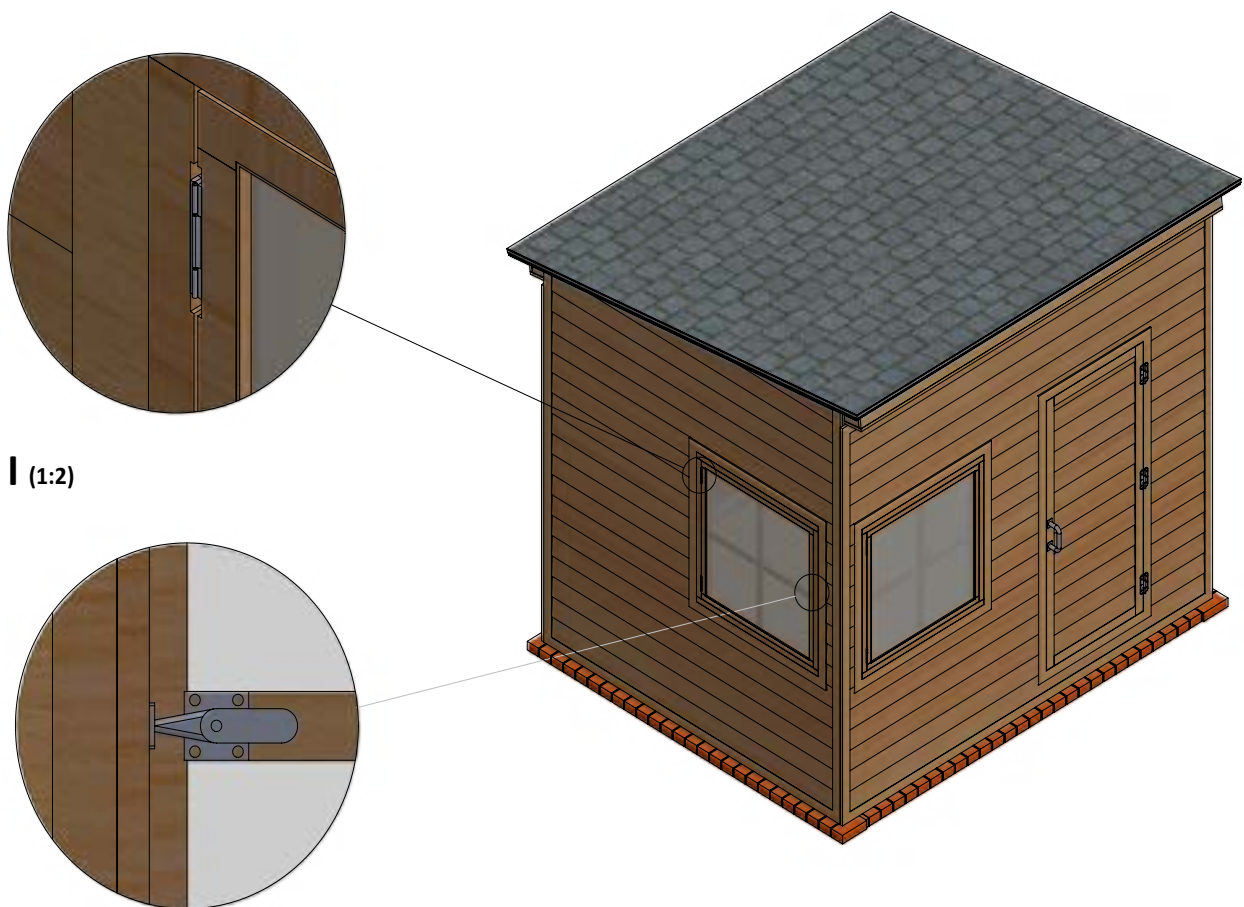
17.1. Using 1 1/2" x 2 1/2" pressure-treated lumber, assemble the outer frame for the window as shown in the drawing below. You will need two boards cut to 3'-1" that will be the vertical girts and two boards cut to 3'-4" that will be horizontal girts. Additionally, add vertical 2'-11 1/2" long and horizontal 3'-1" long supports using 3/4" x 1" lumber and cut the recesses for the window hinges.

17.2. Use 1 1/2" x 1 1/2" pressure-treated material to make the inner frame and secure with 3" wood screws. You will need two boards cut to 2'-9 3/4" that will be vertical girts and two boards cut to 3'-3/4" that will be horizontal girts. Mill a recess for the glass panes and for the hinges.

17.3. Use 1 1/4" x 1 1/2" pressure-treated material to make the inner frame supports and secure with 3" wood screws. You will need two boards cut to 2'-9 3/4" and mill a recess for interconnection.

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

17.5. Install two hinges (3") with 6x1" wood screws and assemble the window. Install a lock on the inner side of the window.



STEP 18

Shed Decoration

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	✗	✓
Fastening Elements List	✗	✓
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