



8'x12' 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	15	33
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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8'x12' office shed materials 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

Shed's Door

- Pressure-Treated Lumber
- Window beading
- Glass

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

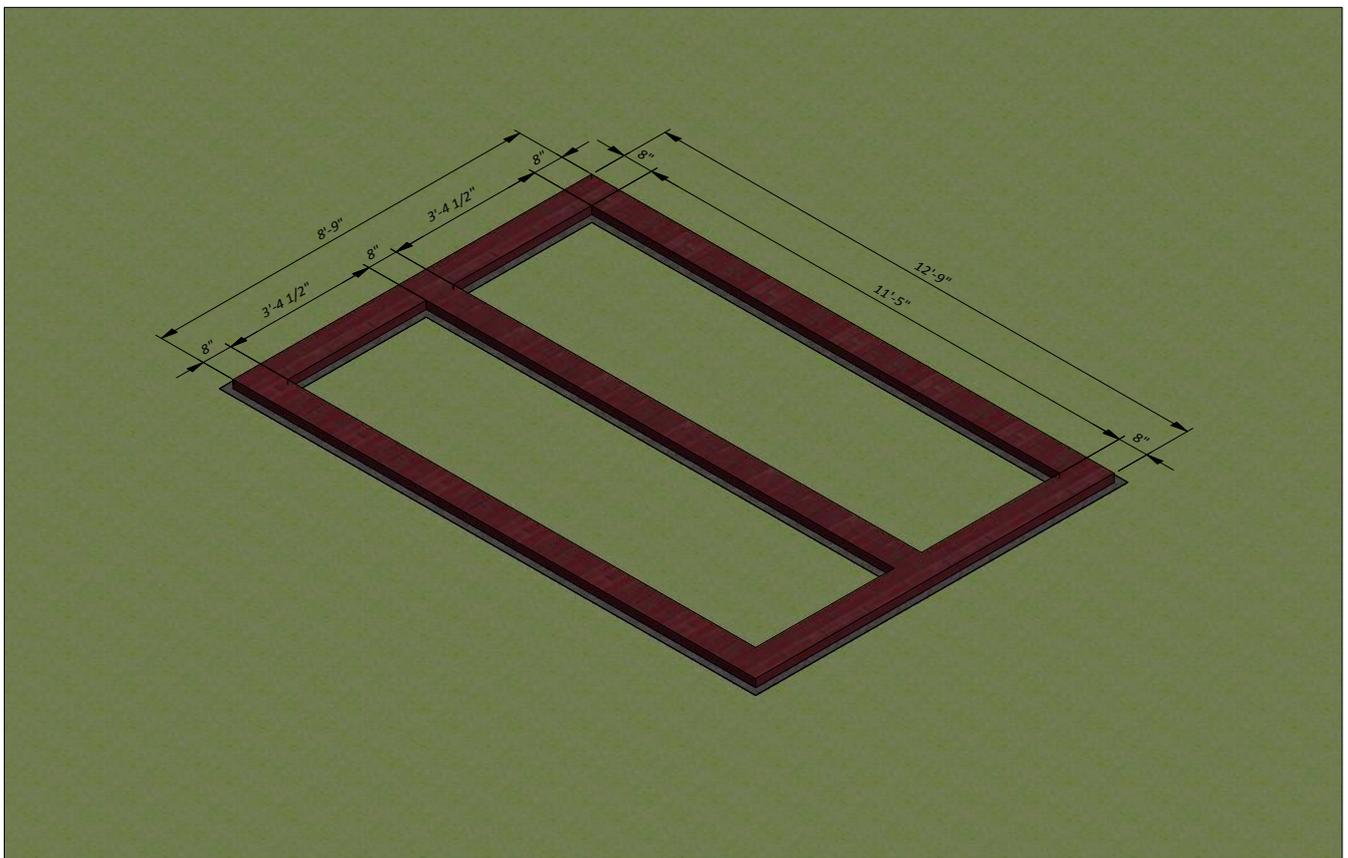
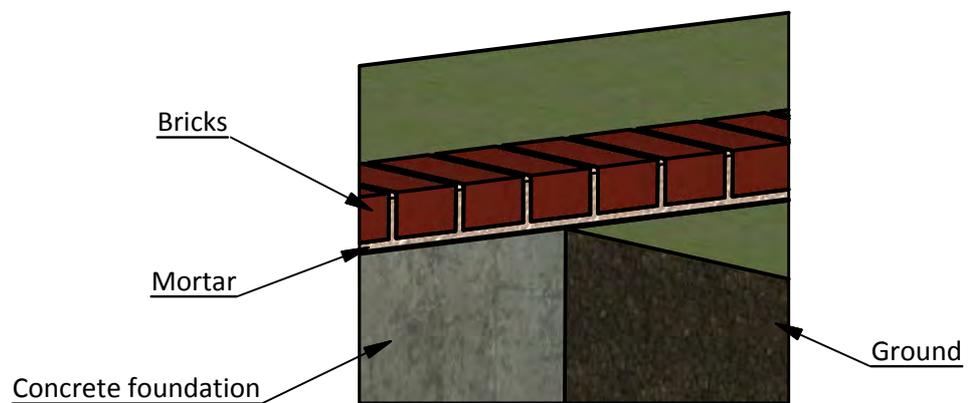
- Door hinges
- Surface bolt
- Door lock
- Corner braces
- Galvanized nails
- Wood screws

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 150 bricks for this step.



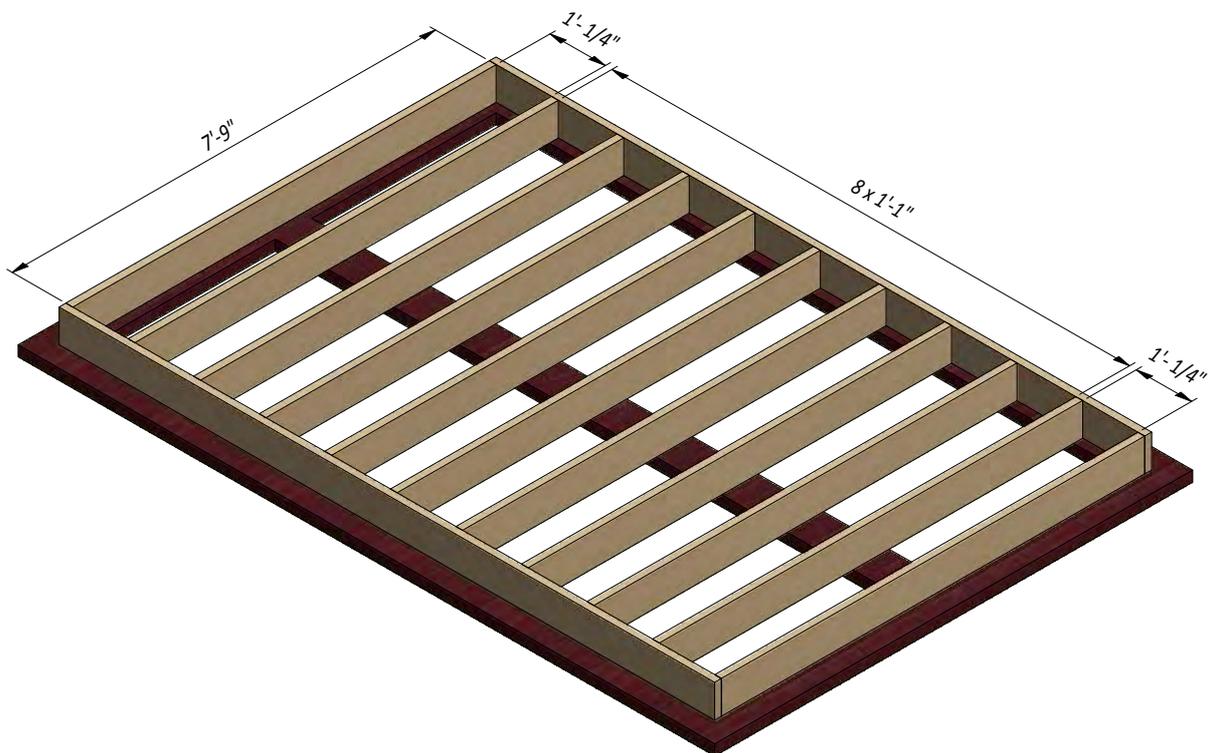
STEP 2

Framing the Floor

2.1 Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber. You will need nine boards cut to 7'-9" that will be the joist.

2.2 Secure the beams with 8x5" wood screws.

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



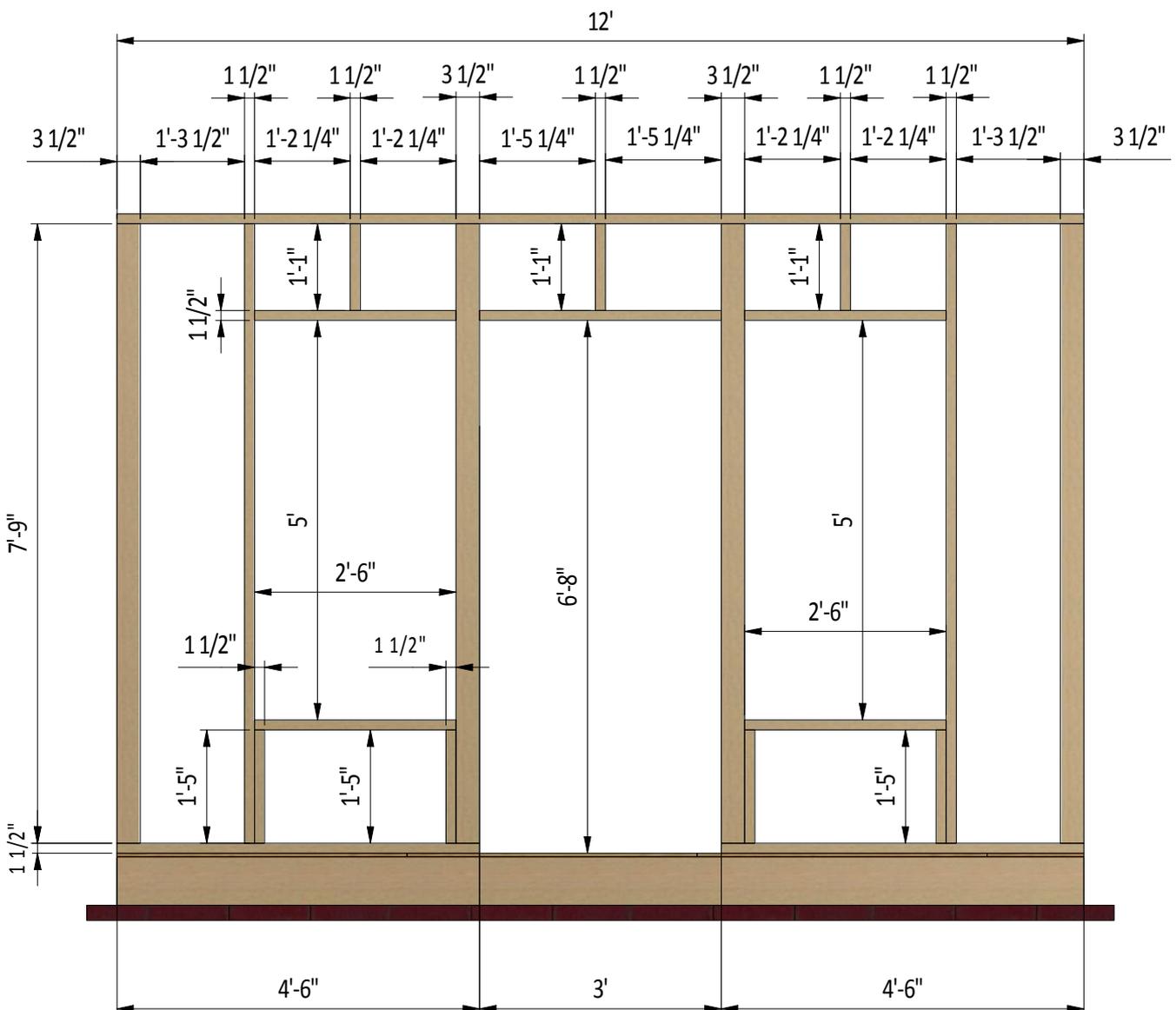
STEP 3

Assemble Front Wall Frame

3.1 Using 1 1/2" x 3 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 six boards cut to 7'-9" and four boards cut to 1'-5" that will be studs, two boards cut to 4'-6" that will be the bottom plates, one board cut to 12' that will be the top plate, one board cut to 3' that will be the door header, four boards cut to 2'-6" that will be the window header and rough sill and three boards cut to 1'-1" that will be cripple studs.

3.2 Connect the beams with 2x3" and 2x5" wood screws.

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



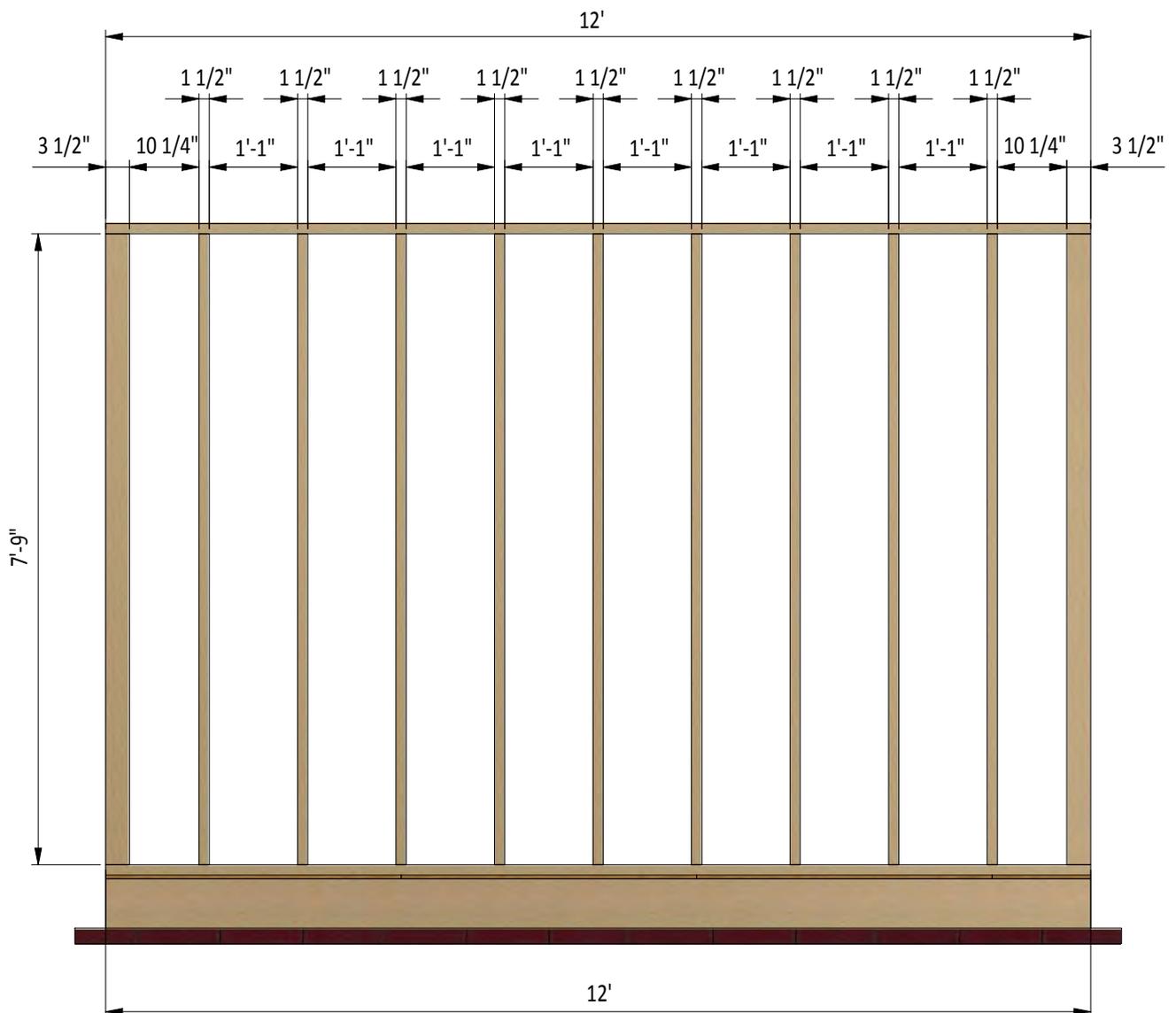
STEP 4

Assemble Back Wall Frame

4.1 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 eleven boards cut to 7'-9" that will be the studs and two boards cut to 12' that will be the top and bottom plates.

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°.



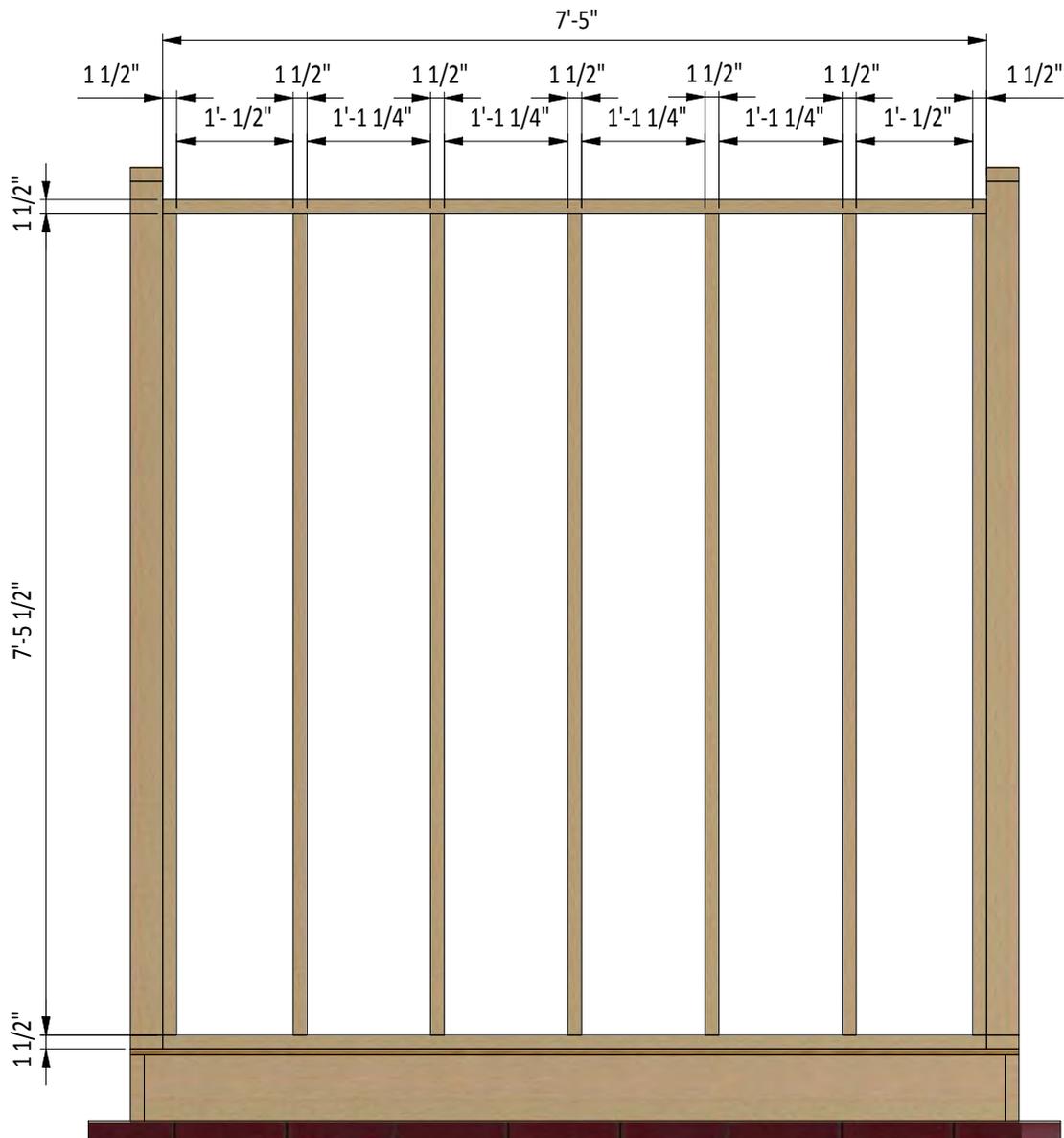
STEP 5

Assemble Right Wall Frame

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

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°.



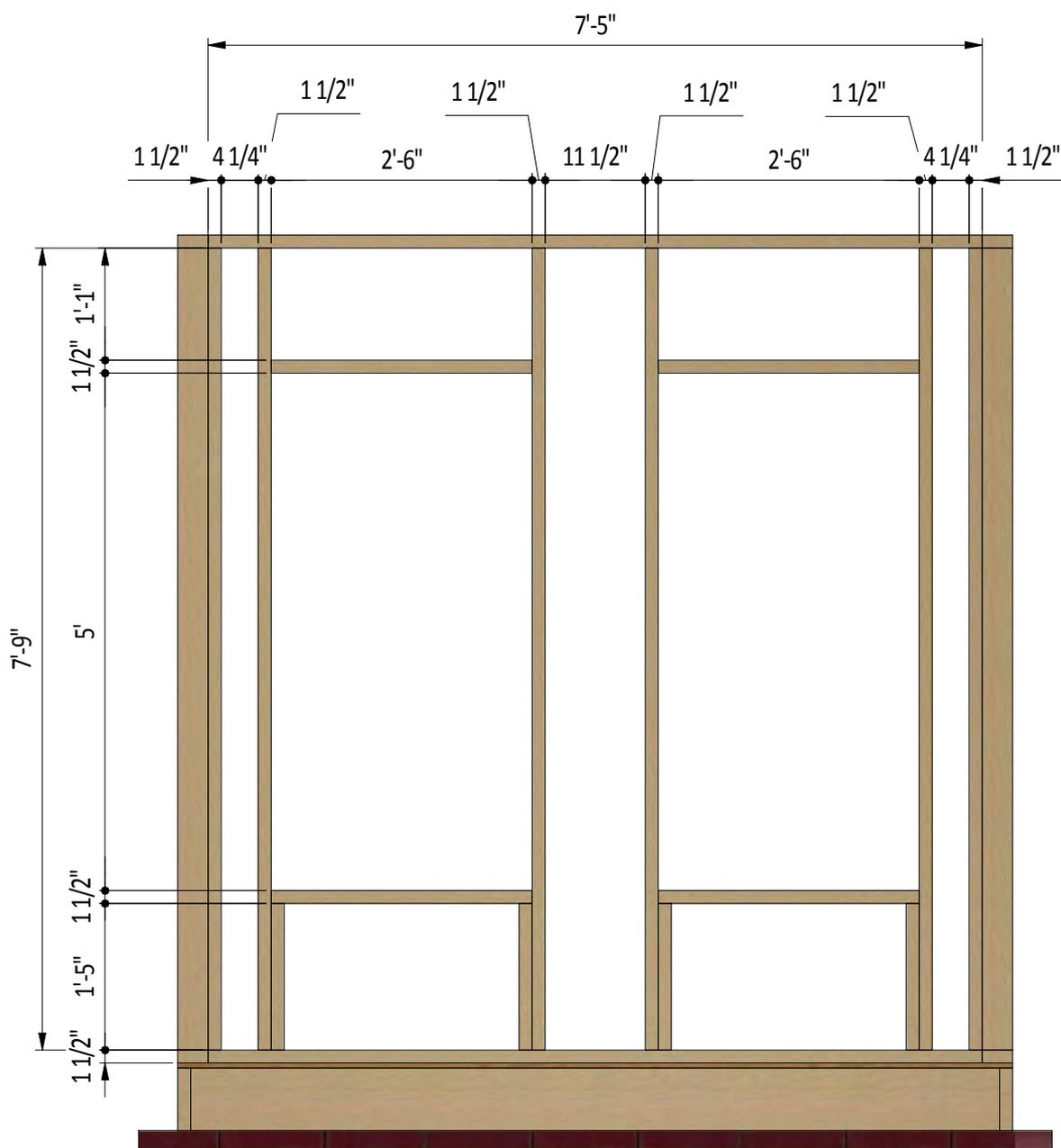
STEP 6

Assemble Left Wall Frame

6.1 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 six boards cut to 7'-9" and four boards cut to 1'-5" that will be studs, two boards cut to 7'-5" that will be the bottom and top plates, four boards cut to 2'-6" that will be the window header and rough sill.

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°.



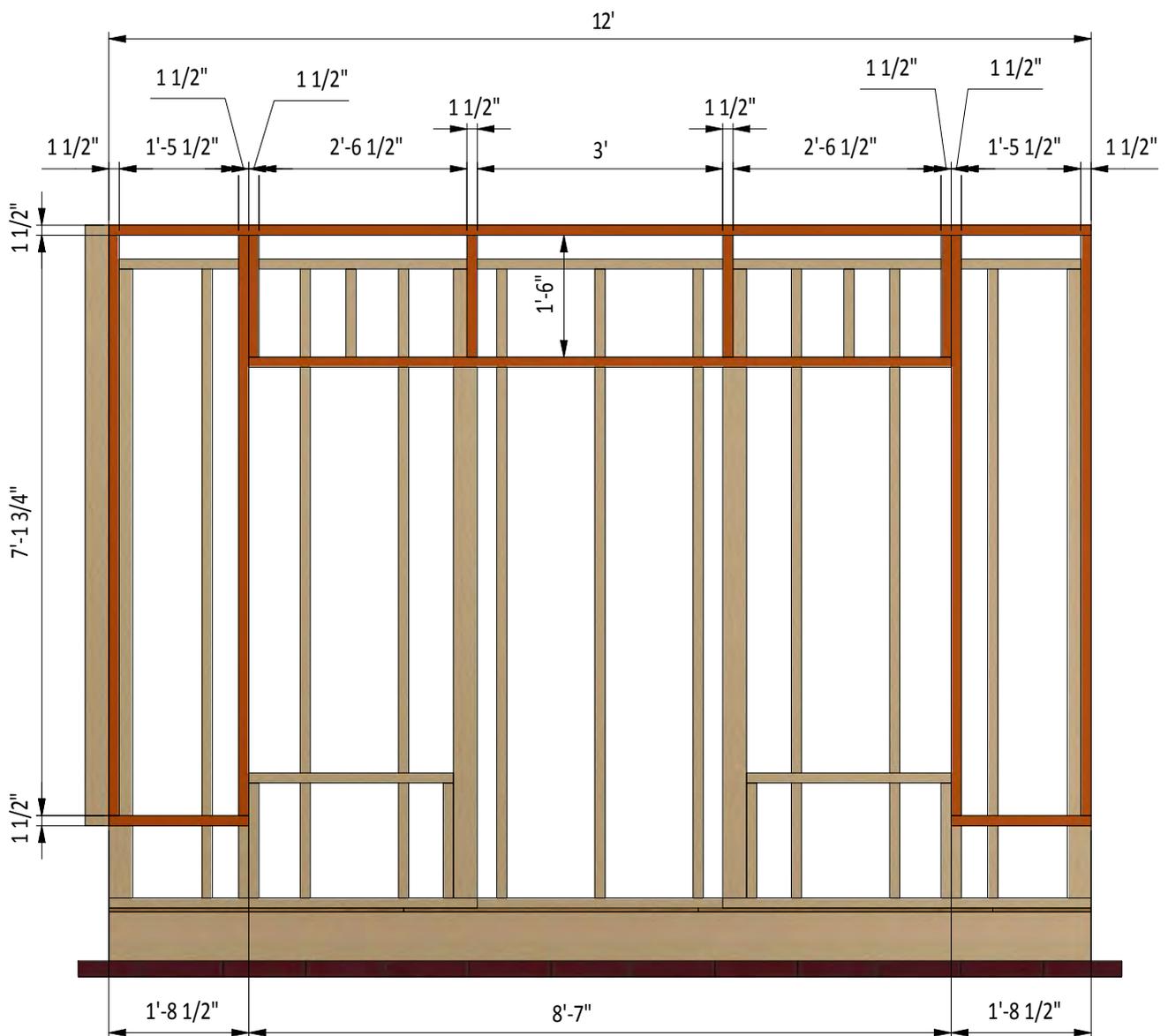
STEP 8

Assemble Front Wall Siding Frame

8.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct front wall siding frame using the drawing below as a reference. You will need four boards cut to 7'-1 3/4" and four boards cut to 1'-6" that will be the studs, one board cut to 12' that will be the top plate, one board cut to 8'-7" and two boards cut to 1'-8 1/2" that will be bottom plates.

8.2 Connect the beams with 2x3" and 2x5" wood screws.

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



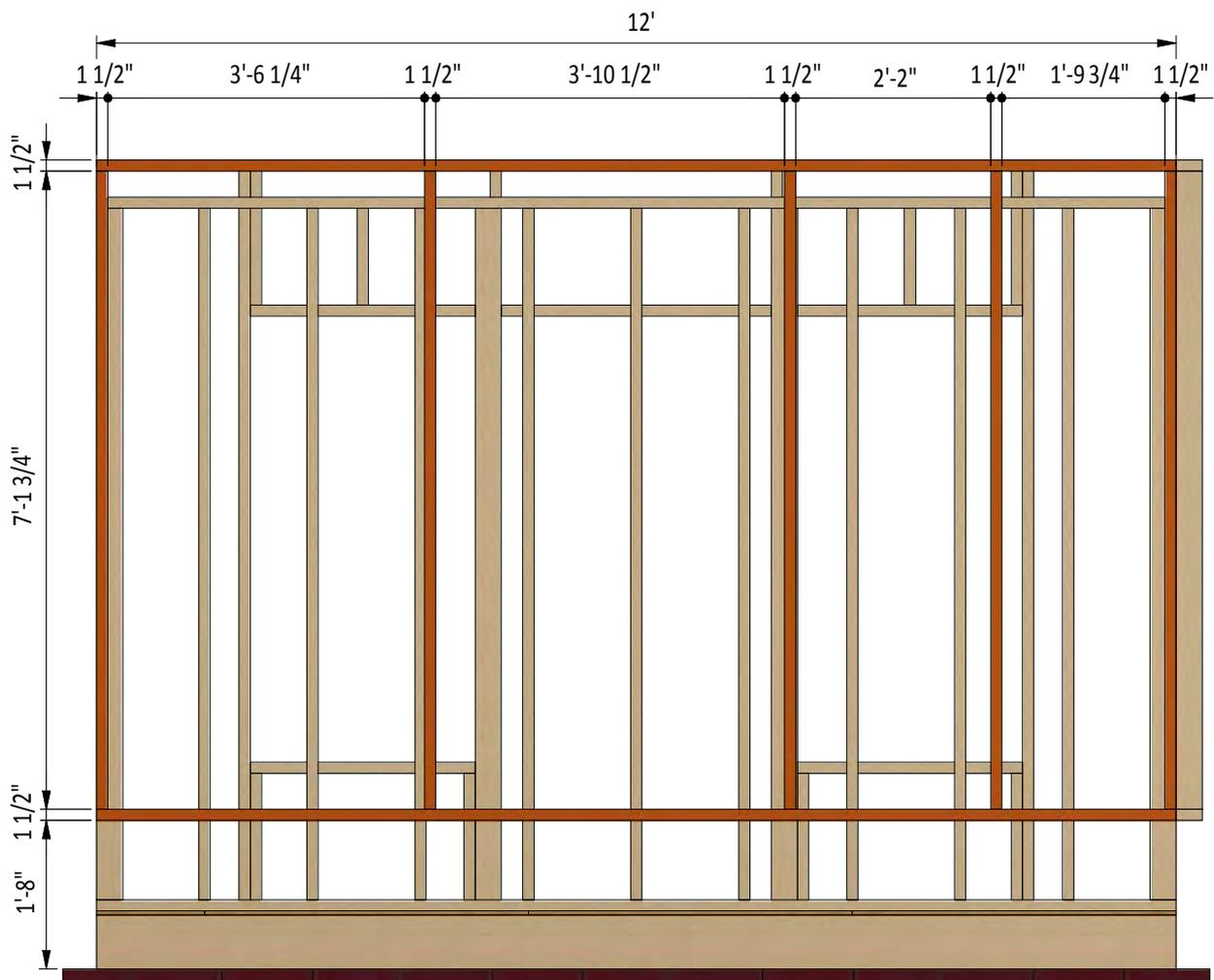
STEP 9

Assemble Back Wall Siding Frame

9.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct back wall siding frame using the drawing below as a reference. You will need five boards cut to 7'-1 3/4" that will be the studs and two boards cut to 12' that will be the top and bottom plates.

9.2 Connect the beams with 2x3" and 2x5" wood screws.

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



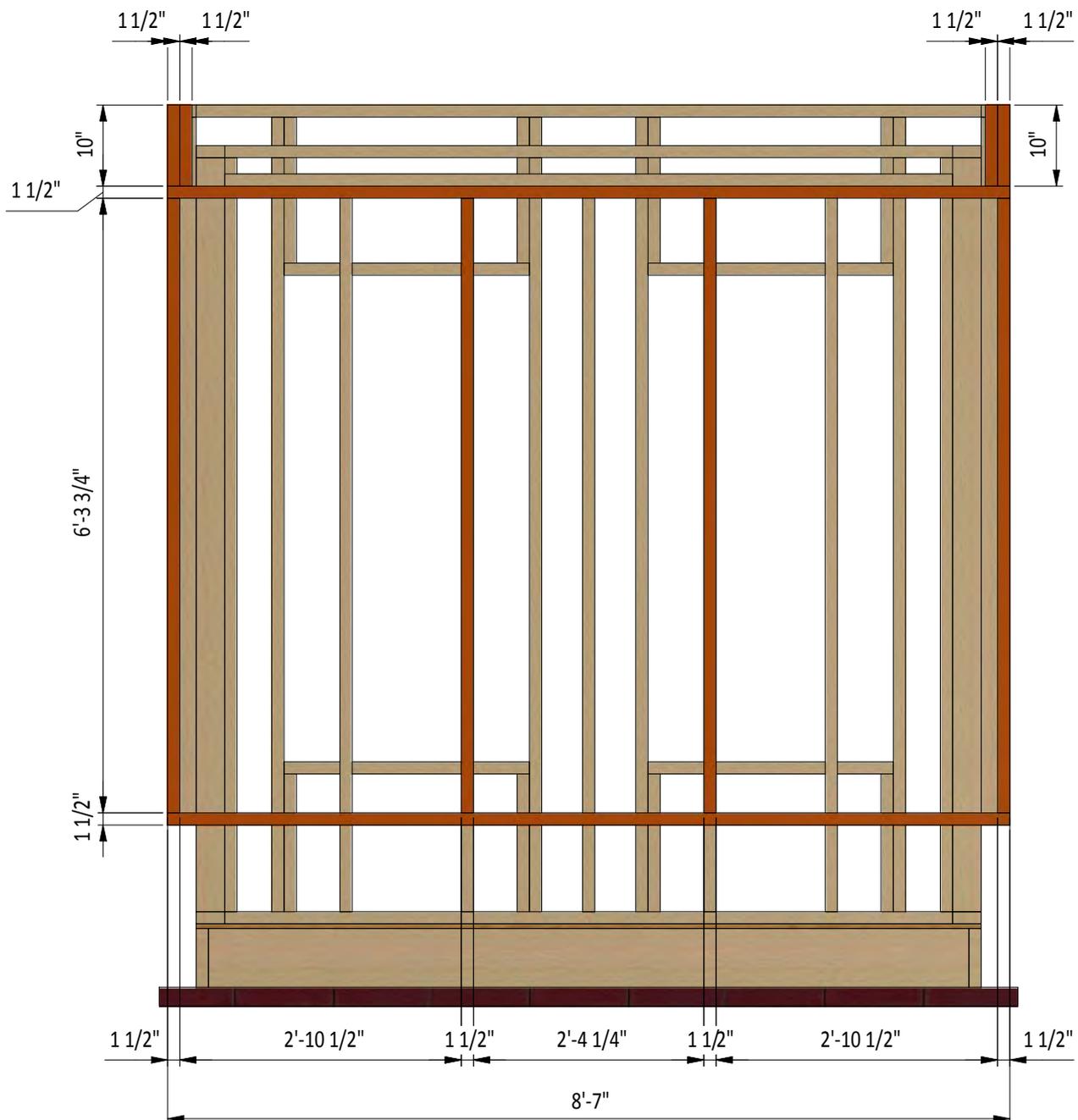
STEP 10

Assemble Right Wall Siding Frame

10.1 Using 1 1/2" x 3 1/2" pressure-treated lumber, construct right wall siding frame using the drawing below as a reference. You will need four boards cut to 6'-3 3/4" and four boards cut to 10" that will be the studs and two boards cut to 8'-7" that will be the top and bottom plates.

10.2 Connect the beams with 2x3" and 2x5" wood screws.

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

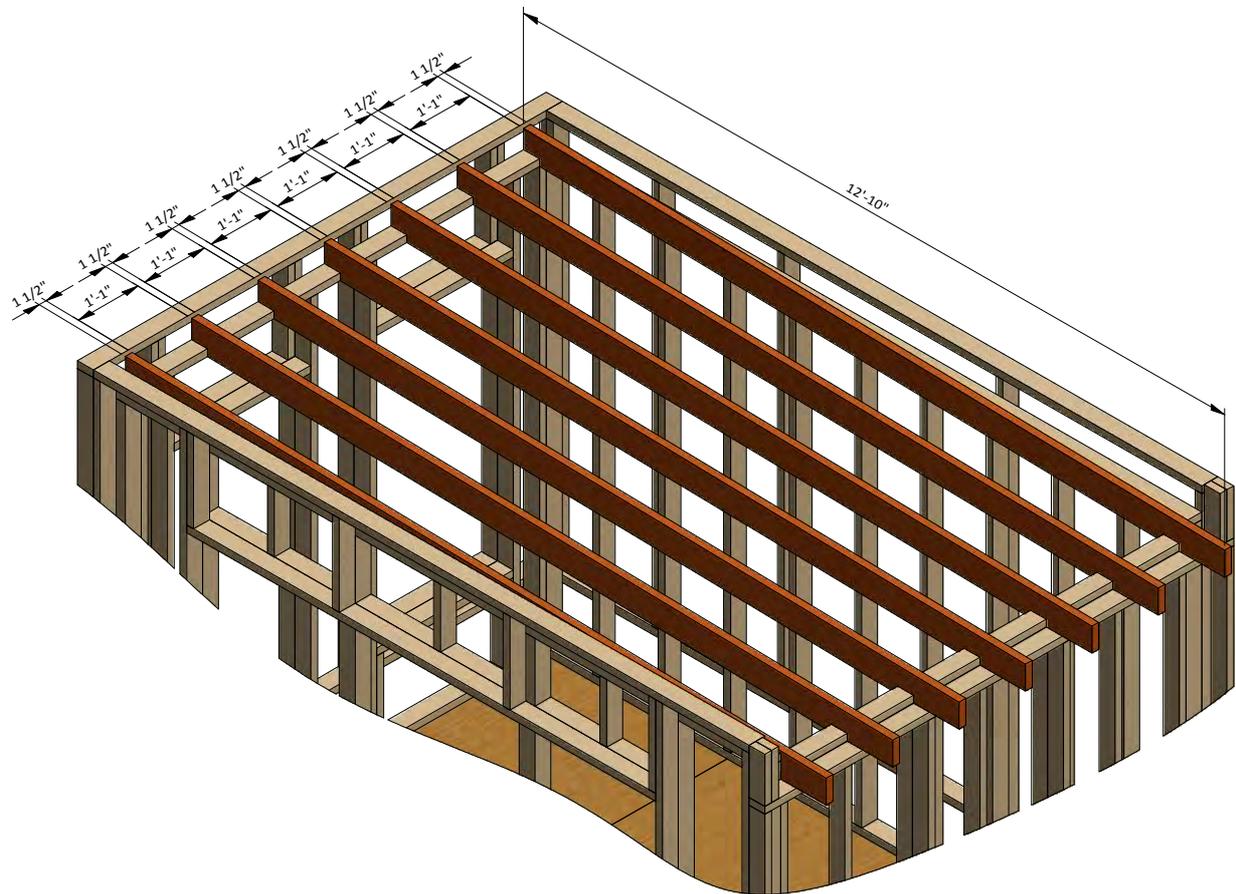


STEP 11

Assemble The Roof Frame

11.1 Using 1 1/2" x 5 1/2" pressure-treated lumber, cut seven rafters 12'-10" long according to the dimensions in drawing below. Cut the recesses in each beam for splicing connection with wall frames.

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

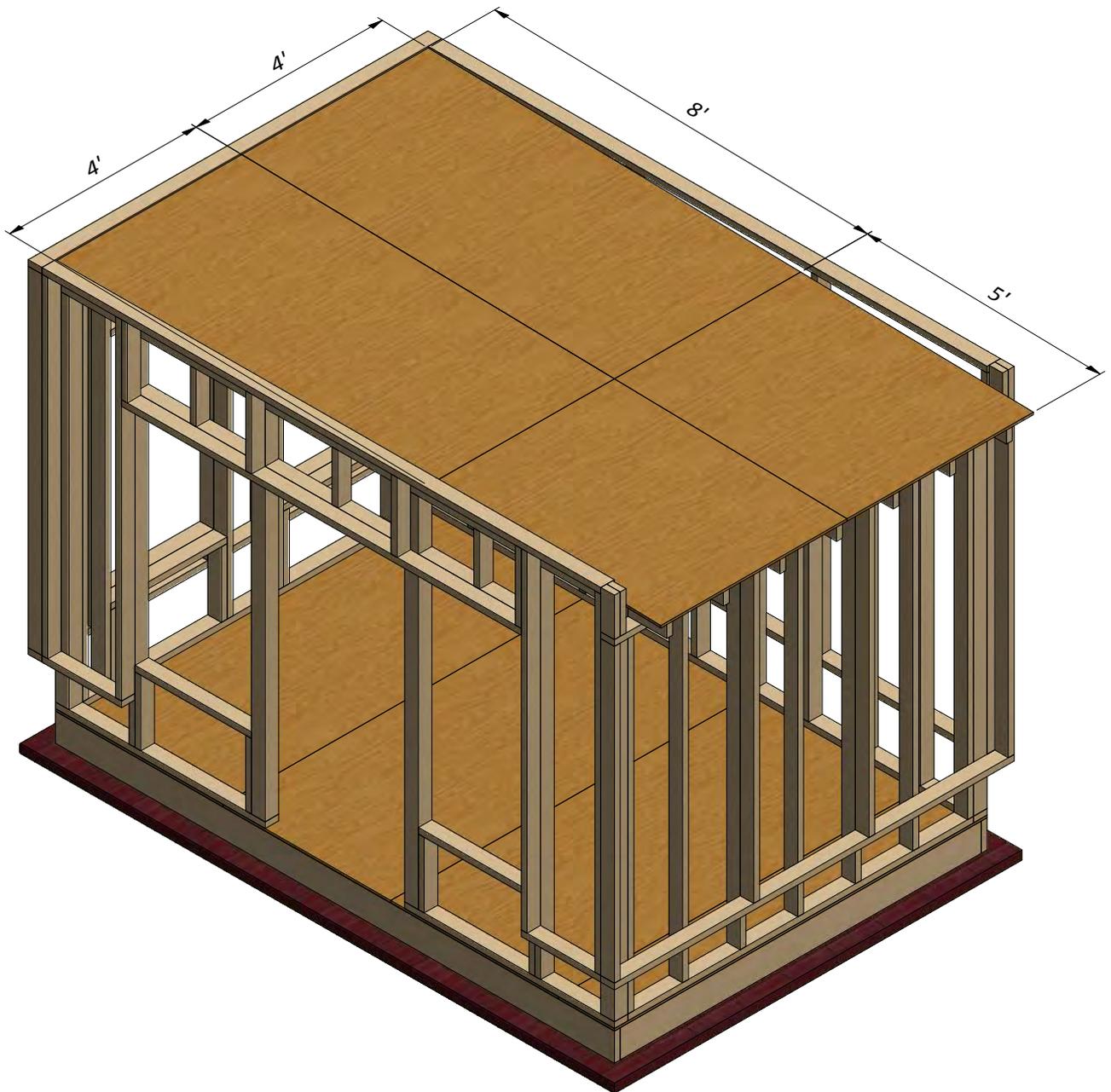


STEP 12

Install Plywood for the Roof

12.1 Cut sheets of 9/16" plywood for the roof sheathing using the drawing below as a guide. You will need two 8' x 4' sheets and two 5' x 4' sheets.

12.2 Secure the plywood with 2" wood screws.



STEP 13

Roof Sheathing Installation

13.1 You will need 110 Sq Ft of asphalt shingle roofing.

13.2 Cover the plywood with building paper.

13.3 Install asphalt shingle roofing using an industrial stapler.

13.4 Cover the edges with metal ridge cap 14" x 35', that would close the junction of the wall and roof. Use for this Stitch screw with sealing ring.



STEP 14

Shed Decoration

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



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

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