



## **4'x6' Storage Shed Plan**

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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**:

Features	Free plan	Premium edition
Steps count	10	30
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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# 4'x6' Storage Shed Material List

## Site Preparation

- Concrete
- Bricks

## Bottom Frame

- Pressure-Treated Lumber
- Plywood

## Wall Frames

- Pressure-Treated Lumber

## Shed's Roof

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

## Shed's Door

- Pressure-Treated Lumber
- Wood siding boards
- Plywood

## Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

## Top Frame

- Pressure-Treated Lumber

## Fasteners & Hardware

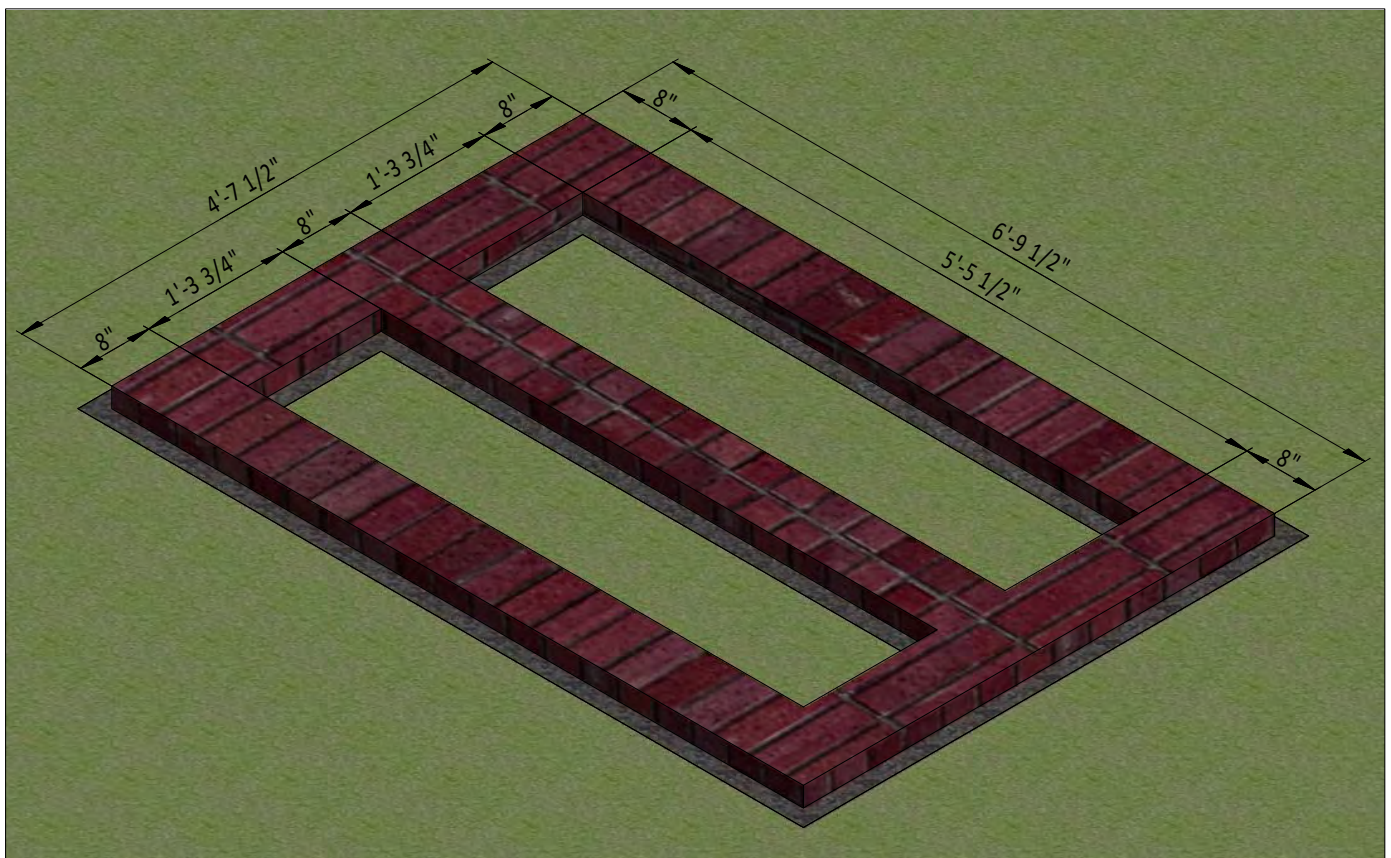
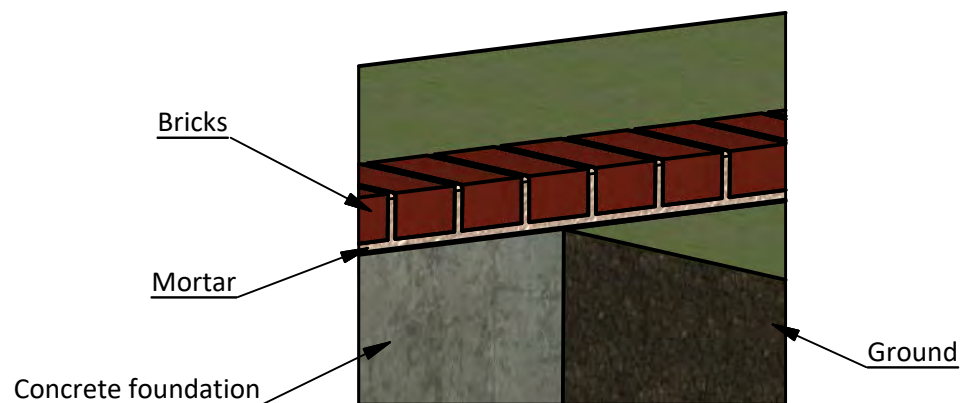
- Door hinges
- Door pulls
- Surface bolt
- Galvanized nails
- Wood screws

## 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 75 bricks for this step.



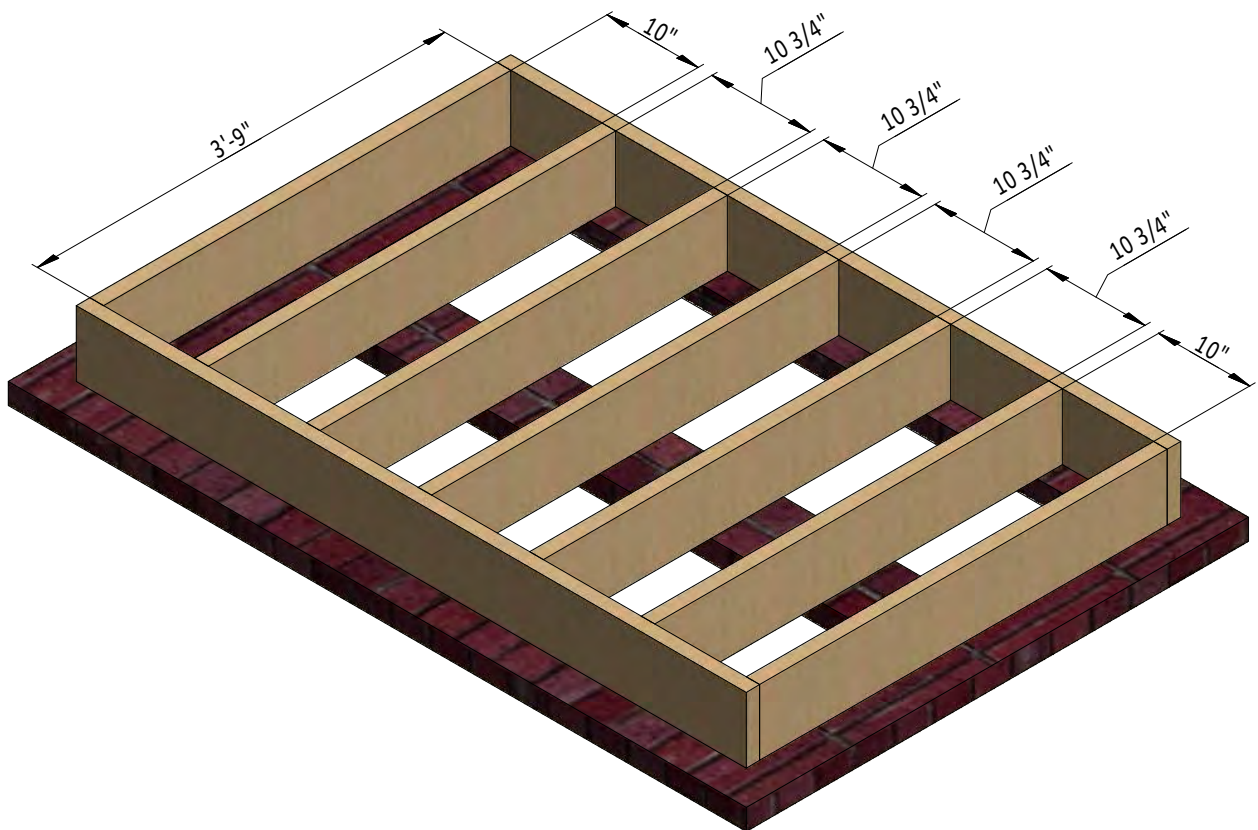
## STEP 2

### Framing the Floor

**2.1** Assemble the frame using 1 1/2" x 7 1/4" pressure-treated lumber. You will need five boards cut to 3'-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°.

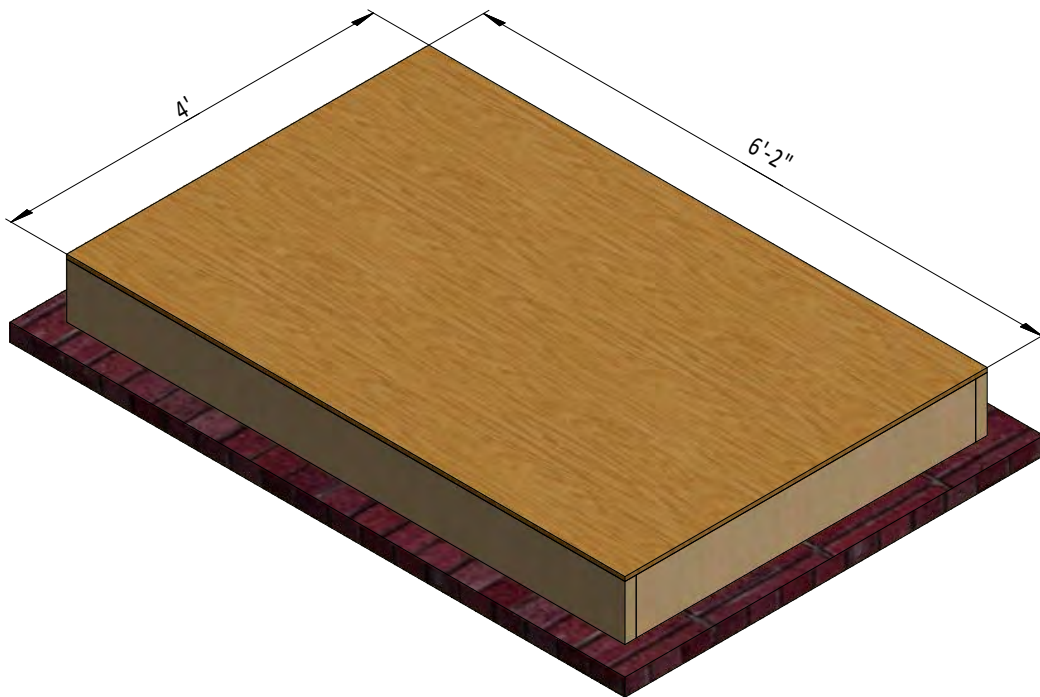


## STEP 3

### Install the Plywood Floor

**3.1** Prepare the 5/8" plywood for the floor sheathing according to the drawing. You will need one 4' x 6'-2" sheet.

**3.2** Secure the plywood with 2" wood screws.



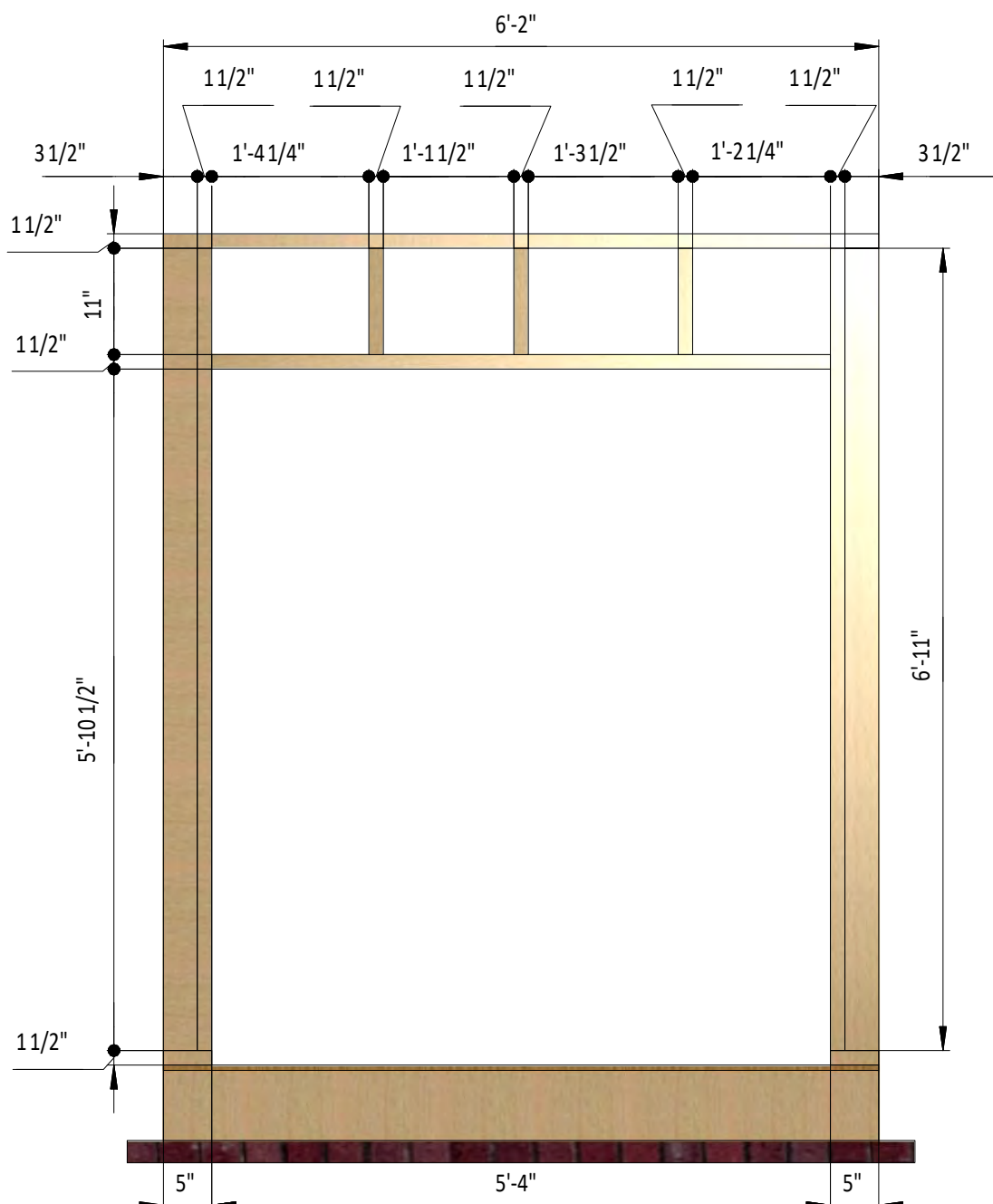
## STEP 4

### Assemble Front Wall Frame

**4.1** Using 1 1/2" x 3 1/2" 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 three boards cut to 11" that will be the cripple studs, one board cut to 5'-4" that will be the door header, four boards cut to 6'-11" that will be the studs, two boards cut to 5" that will be the bottom plates and one board cut to 6'-2" that will be the top plate.

**4.2** Connect the beams with 2x5" wood screws.

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



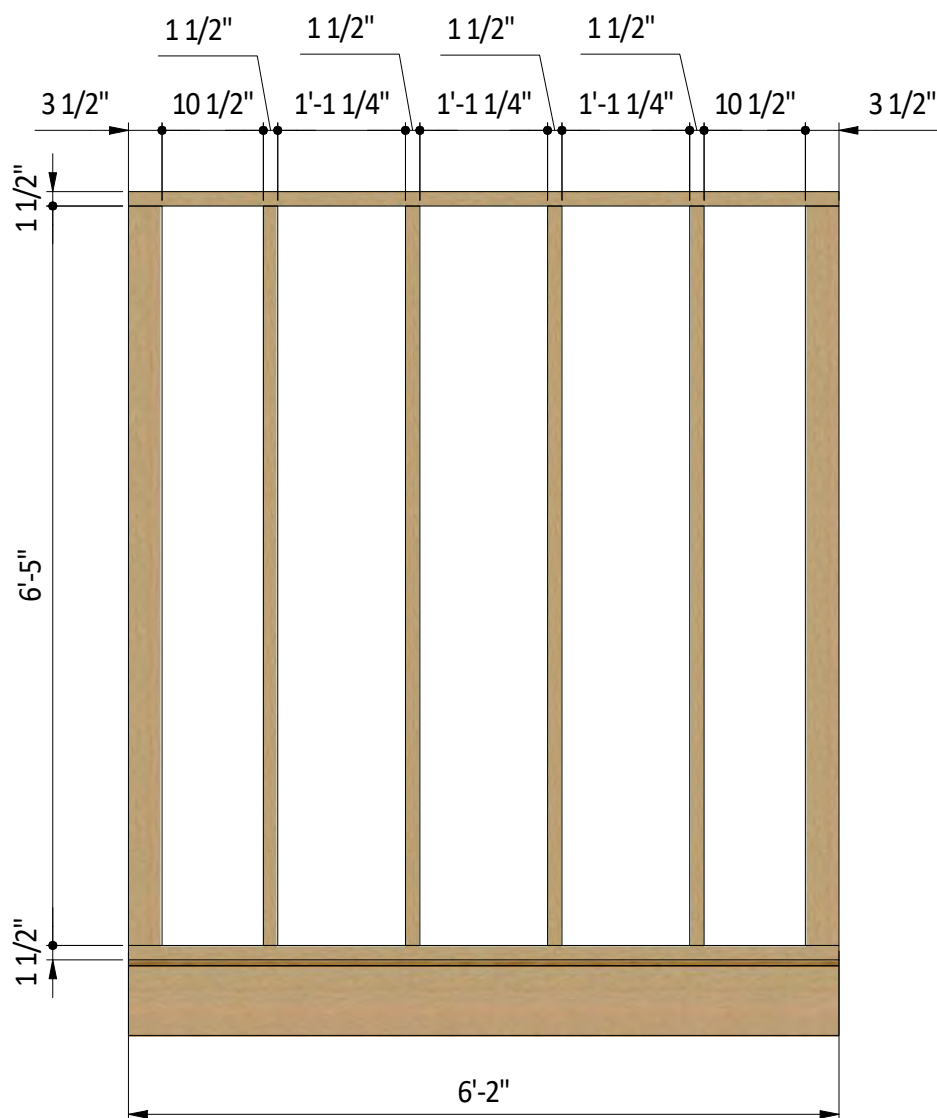
## STEP 5

### 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 six boards cut to 6'-5" that will be the studs and two boards cut to 6'-2" 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°.





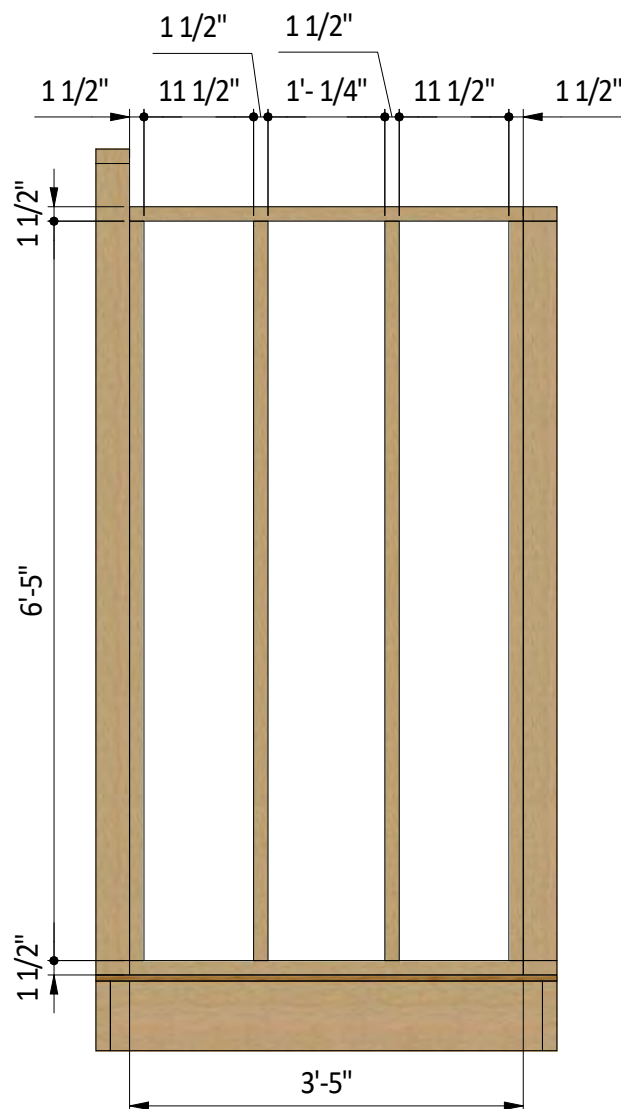
## STEP 6

### Assemble Side Wall Frame

**6.1** 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 four boards cut to 6'-5" that will be the studs and two boards cut to 3'-5" 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°.

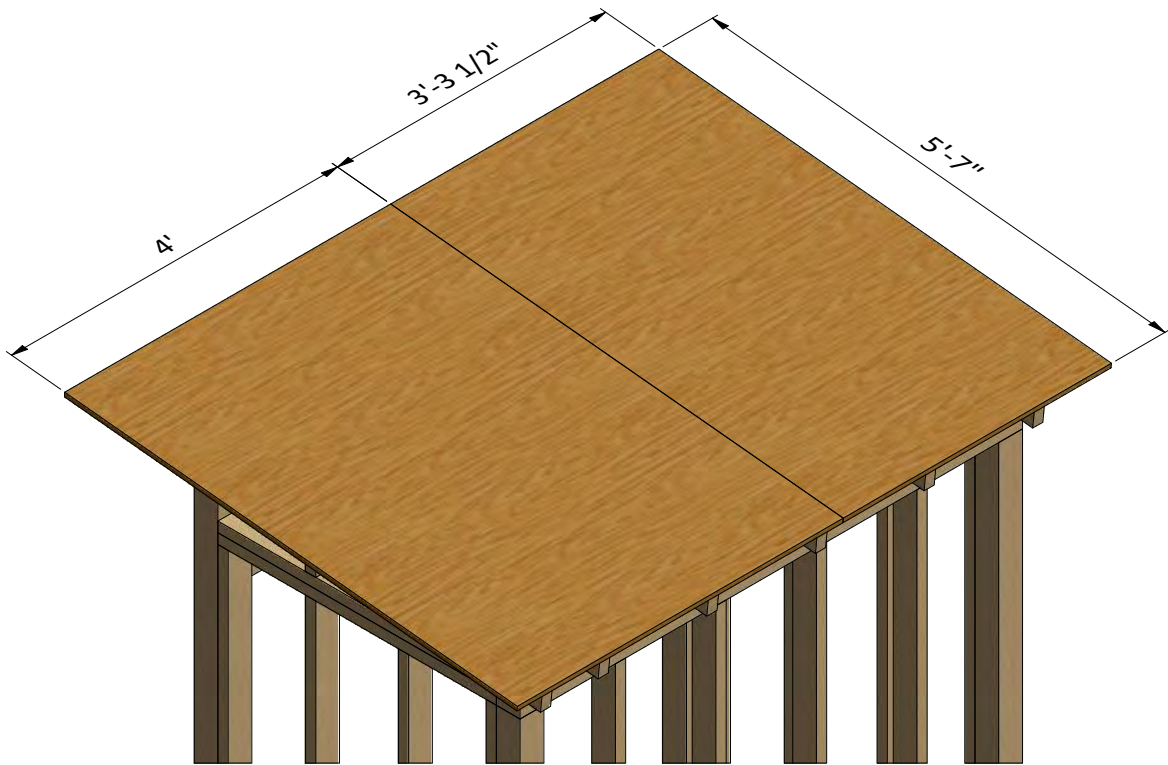


## STEP 7

### Install Plywood for the Roof

**7.1** Cut sheets of 5/8" plywood for the roof sheathing using the drawing below as a guide. You will need one 4' x 5'-7" sheet and one 3'-3 1/2" x 5'-7" sheet.

**7.2** Secure the plywood with 2" wood screws.



## STEP 8

### Assemble and Install Shed Doors

**8.1** Build the door frames 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 and two boards cut to 2'-3 3/4" that will be the horizontal girts.

**8.2** Prepare the 5/8" plywood sheet with dimensions 2'-7 3/4" x 5'-11 3/4" for the doors according to the drawing.

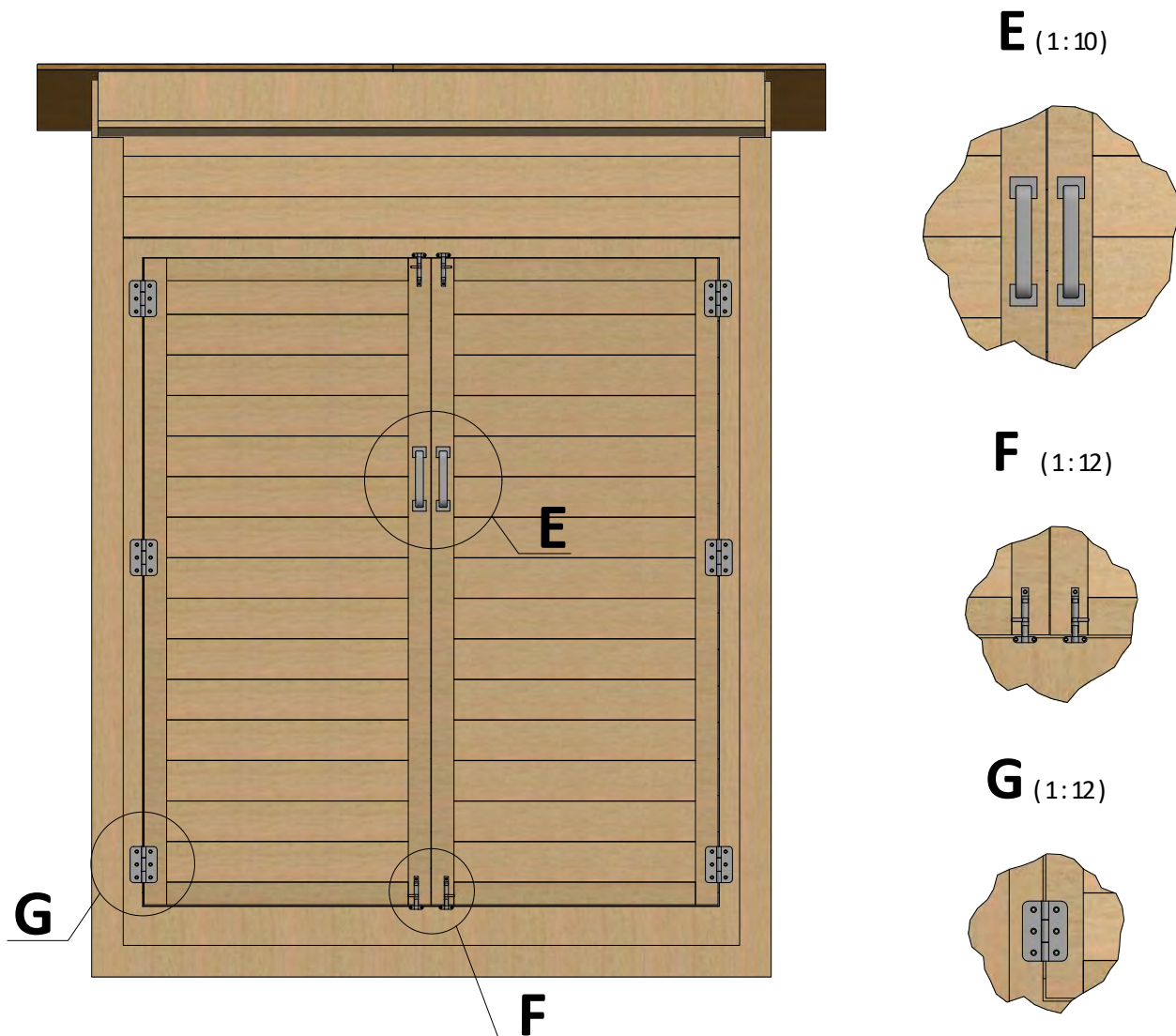
**8.3** Use 3/4"x2 1/2" pressure-treated lumber for the door trim and fasten with 2" wood screws. You will need two boards cut to 2'-2 3/4" and two boards cut to 5'-11 3/4".

**8.4** Using 1/4" x 3/4" pressure-treated lumber, cut and install a starter course 2'-2 3/4" long using Node **D** on page 22 as a reference.

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

**8.6** Assemble siding shields with 2" galvanized nails.

**8.7** Install three 3" door hinges using 6x1" wood screws. Finish the doors installation by attaching 4" surface bolts and 6" door pulls (see nodes **E**, **F**, **G**).



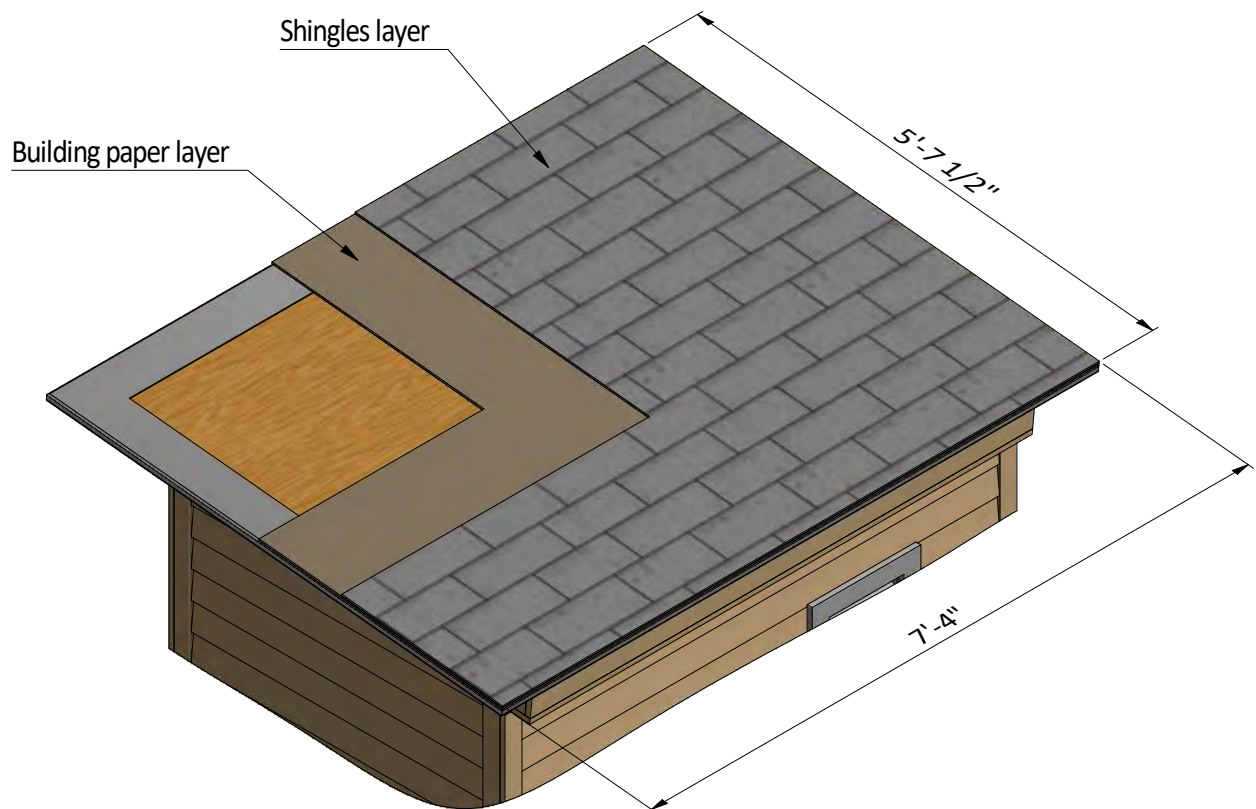
## STEP 9

# Roof Sheathing Installation

**9.1** You will need 42 Sq Ft of building paper and asphalt shingle roofing.

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

**9.3** Install asphalt shingle roofing using an industrial stapler.



## STEP 10

### 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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