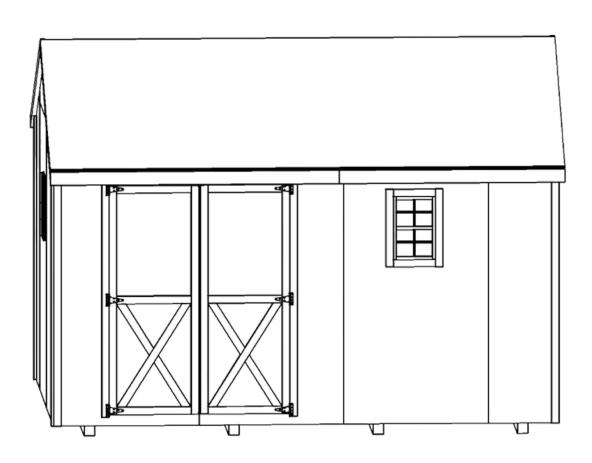


# HOW TO BUILD A SHED

**WWW.SHED-PARTS.COM** 



### **MATERIAL LIST**

These shed plans will show you how to build a 10'x14' storage shed using T1-11 for sheathing and asphalt shingles. Feel free to modify the plans if you would like to use larger shed windows, change the size of the shed, or use vinyl siding instead of T1-11.

#### **Pressure Treated Pine**

- (4) 4x4x10'
- (8) 4x4x16'
- (2) 2x4x10'

#### Kiln Dried Lumber

- (5) 3/4" Tongue and Groove Plywood
- (84) 2x4x92-5/8"
- (6) 2x4x10'
- (2) 2x6x8'
- (3) 2x4x16'
- (12) T1-11 4x8 sheets
- (1) 2x6x16'
- (8) 1/2" OSB plywood 4x8
- (21) 1x3x8" pine

#### Hardware

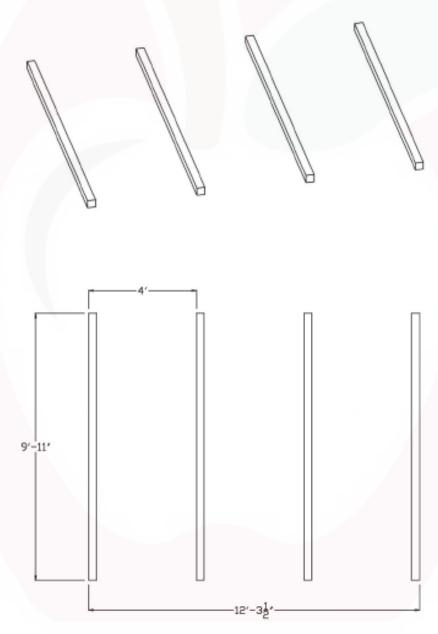
- (5 lb) 3" galvanized nails
- (5 lb) 2-1/2" galvanized nails
- (5 lb) 3" common nails
- (5 lb) 2-1/2" common nails
- (5 lb) 1-1/4" roofing nails
- (6) 10' drip edge for roofing
- (7) Bundles of shingles for ridge cap/starter strip
- (2) 12"x12" shed vents
- (2) 14"x21" shed windows
- (1) Double shed door kit

#### **SAFETY**

Be sure to read and understand the use of all power tools before use. Safety glasses must be worn at all times. Failure to do so may result in personal injury. NEVER leave power tools unattended when children are around.

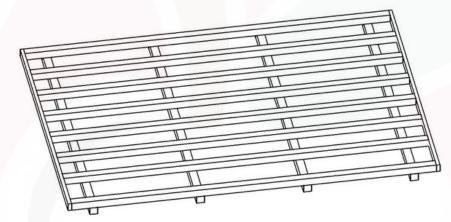
## STEP 1: BASE

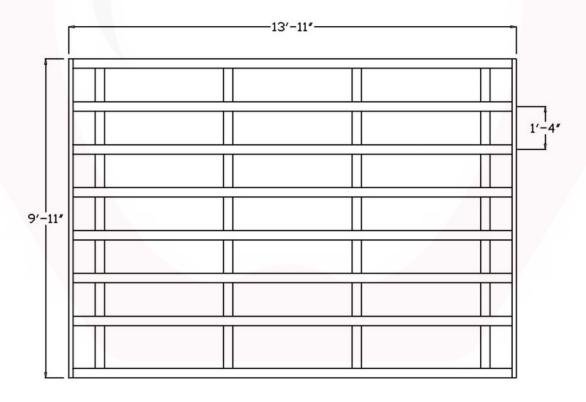
Layout the 4x4 base according to the diagram below. Take your time and make sure that all the 4x4's are level and the frame is square. Since these are pressure treated, you simply lay them on the ground. Be sure to check with your local township regarding anchoring the shed to the ground.



### STEP 2: BASE

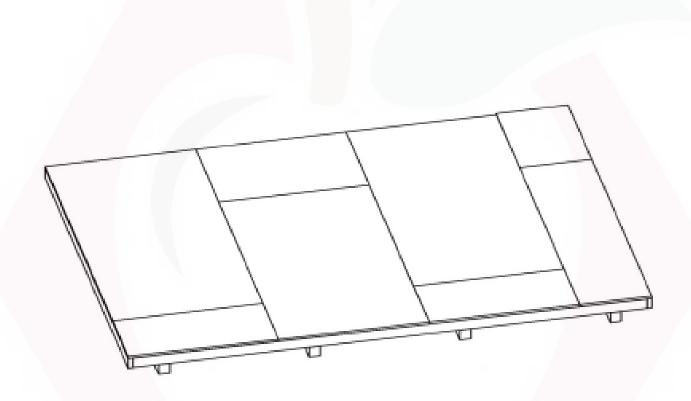
Layout the joists according to the diagram below. The joists are 4x4's, 16" on center from each other. They are all pressure treated 4x4's except for the two ends which are pressure treated 2x4's. Lay everything out and make sure it's square before you nail everything together. Be sure to toenail each 4xx joist into the 4x4 stringers laying on the ground. Use galvanized nails.





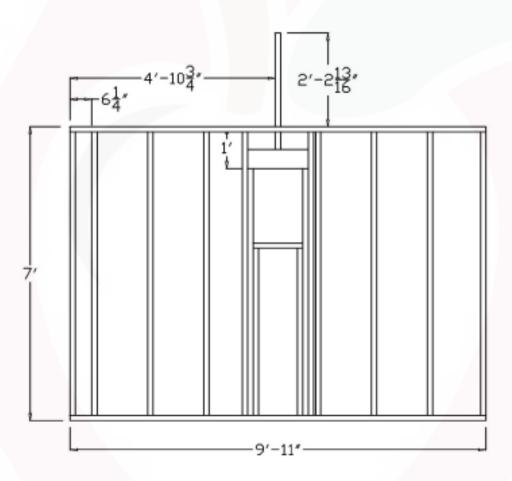
# STEP 3: ATTACH SUBFLOOR

Attach the 3/4" tongue and groove subfloor using 2-1/2" galvanized nails. Be sure to stagger the seams for a sturdy floor.



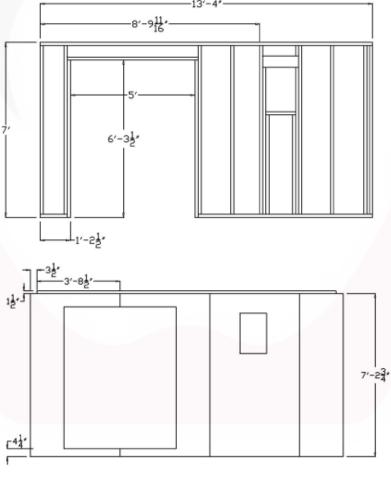
#### STEP 4: BUILD LEFT WALL

Using the floor of your shed, build the left shed wall out of 2x4's. The rough opening for the window is 14-1/4" wide by 21-1/4" tall. The header of the window is a double 2x6



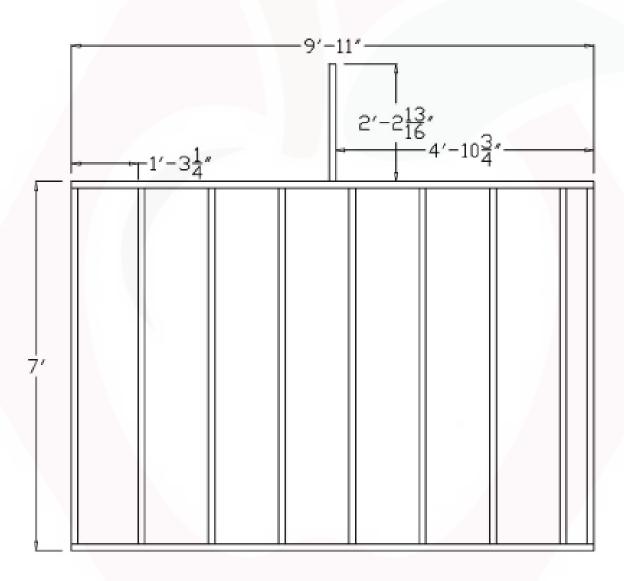
# STEP 5: BUILD FRONT WALL

Using the floor of your shed, build the front shed wall out of 2x4's. The rough opening for the window is 14-1/4" wide by 21-1/4" tall. It's important that you frame the door where it is to utilize the cut out T1-11 for the shed doors. The window can be anywhere you want, and you can frame a larger window if you want. The header for the door and window is double 2x6's. With the wall framed out, attach the T1-11 to the studs. The T1 should overhang the left and right side 3-1/2" and hang over the bottom by 4-1/4". Be sure to save the cutouts for the doors.



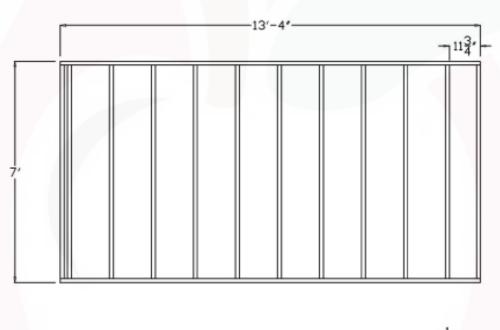
# STEP 6: BUILD RIGHT WALL

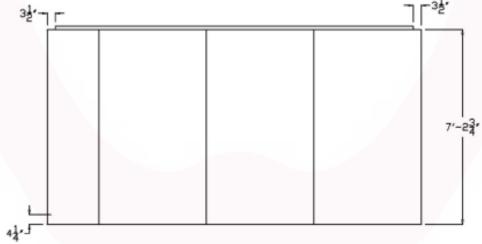
Build the right wall according to the diagram below. The studs are laid out 16" on center.



### STEP 7: BUILD BACK WALL

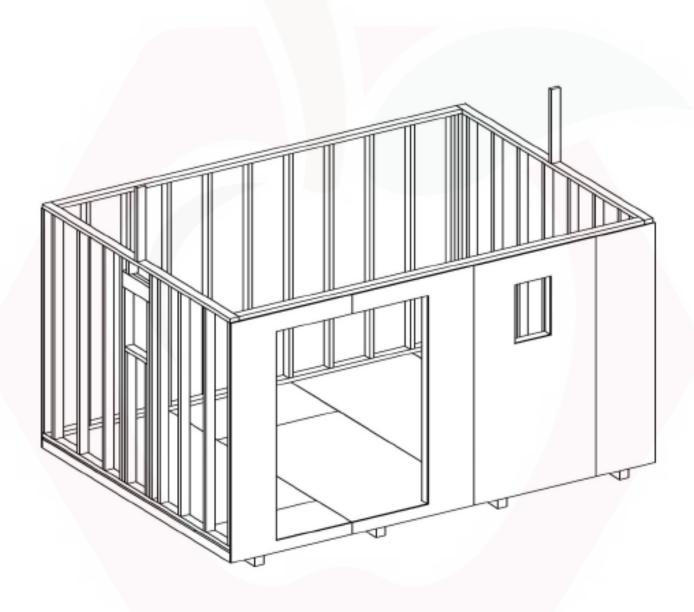
Build the back wall according to the diagram below. The studs are laid out 16" on center. In order for the T1-11 to line up properly you MUST lay out the studs starting with the 11-3/4" dimension. With the wall framed on the floor, attach the T1-11. The T1 overlaps the left and right sides by 3-1/2" and overhangs the bottom by 4-1/4". Use the piece of leftover T1 from the front. MAKE SURE YOU HAVE THE GROOVES/TONGUE THE RIGHT WAY BEFORE YOU NAIL.





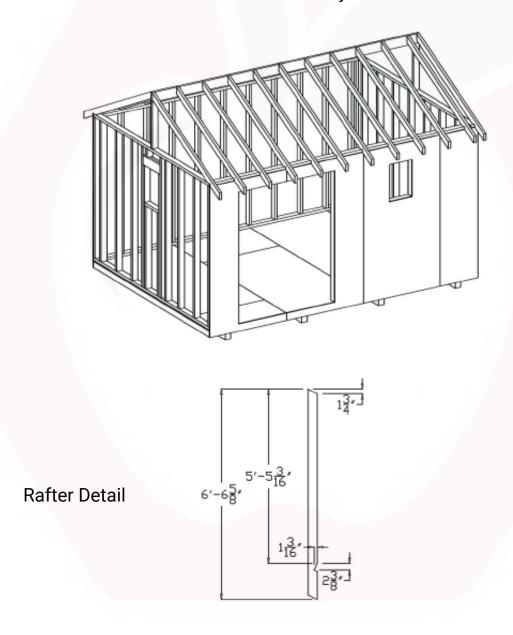
### **STEP 8: ASSEMBLE WALL**

Assemble the walls and nail together



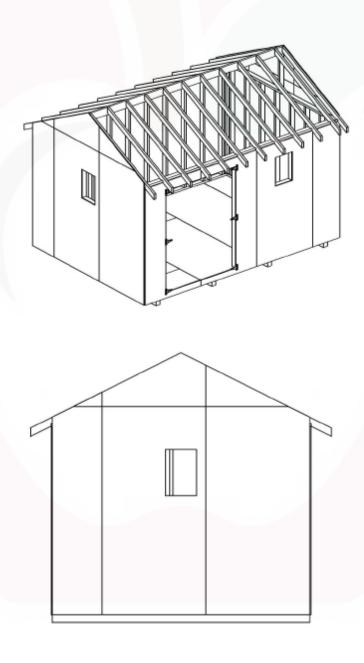
#### **STEP 9: RAFTERS**

Begin by putting the 2x6 ridge board up on top of the 2x4 support posts. The easiest way is to have two people with ladders at each end. Pre drill a hole to toe-screw a screw in each end just to support the 2x6 beam until the rafters are installed. Install the rafters next. They are 16" on center. Refer to the diagram below for the measurements. Toe-nail the rafters where they meet the walls.



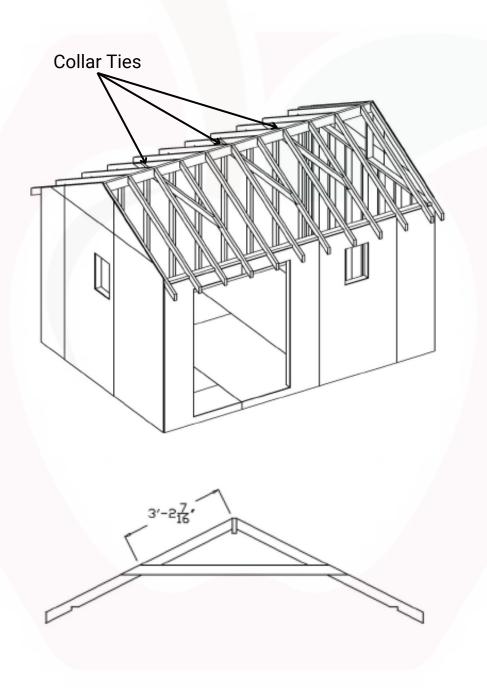
### **STEP 10: T1-11**

Install the last of the T1-11 on the sides. Start on one side with a full sheet on the bottom and work your way across the bottom row. With the 24" cutoff from the one side, start on the other side MAKING SURE YOU HAVE THE TONGUE/GROOVE THR RIGHT WAY on the cutoff piece. Install the remaining top T1-11 pieces.



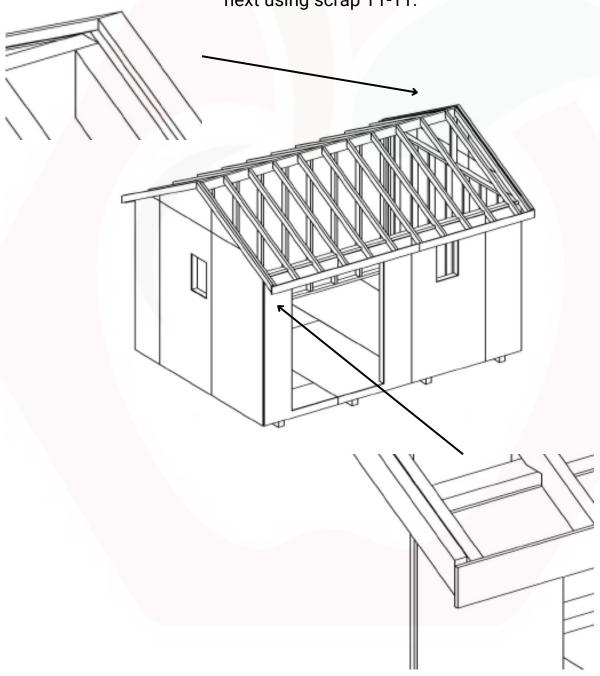
### **STEP 10B: COLLAR TIES**

Install the three collar ties according to the diagram below.



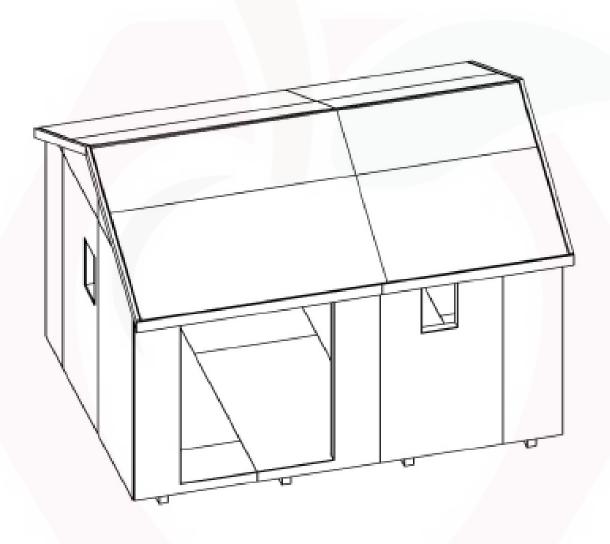
# STEP 11: FASCIA AND GABLES

Install the 2x4 gable ends. They are 1/2" HIGHER than the roof rafters. This is to accommodate for the ½" roof sheathing. Install the Fascia next using scrap T1-11.



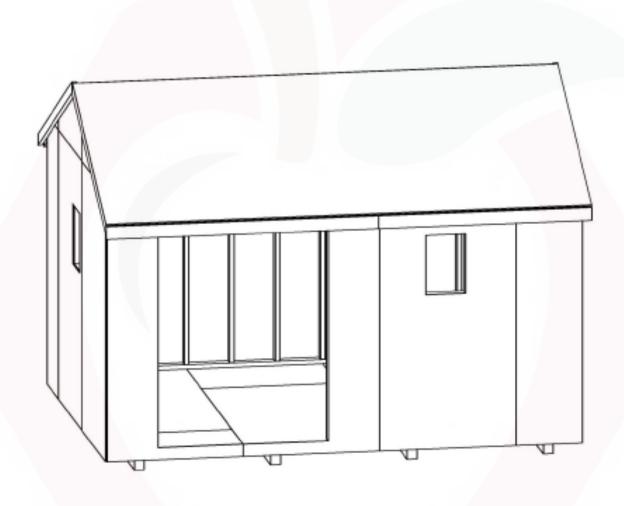
## **STEP 12: ROOF SHEATHING**

Install the ½" OSB roof sheathing using 2-1/2" nails.



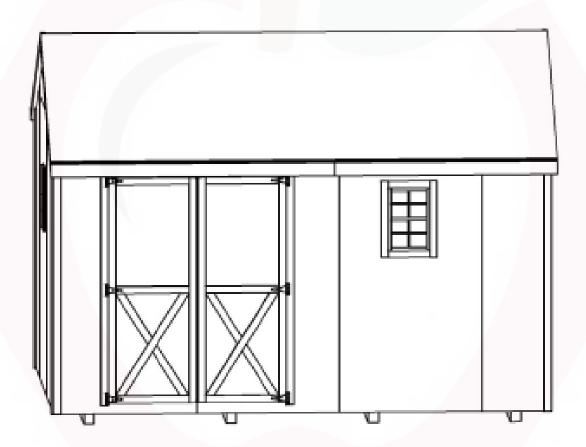
## **STEP 13: ROOFING**

Install the roof felt, drip edge and shingles on the roof.



# STEP 14: INSTALL WINDOWS AND DOORS

Install the shed windows with small screws or roofing nails. Trim the perimeter with 1x3 painted pine. Install the doors. For complete instructions on how to install shed doors visit www.shed-parts.com. Trim the corners of the shed with 1x3 painted pine.



### **STEP 15: ACCESSORIES**

You can use the leftover pieces of 2x4 and plywood to make shelves. The shelves are great for tools, paint cane, or anything you need stored off the ground. You can also install other popular shed accessories such as flower boxes, shutters and skylights.

Visit www.shed-parts.com for a complete line of shed accessories