



732 Riverview Drive  
Fort Frances, ON  
P9A 2W3



## 10 x 8 Grizzly Shed Assembly Instructions

(ACTUAL FLOOR SIZE IS 10' WIDE X 7' 8 1/4" LONG)

Norfab has taken great care to ensure all parts are of quality material and complete. Please check them over carefully, should you have any questions, call us toll free at 1-800-465-2918.

You must organize all materials at the job site. For your ease, we have listed them, as you will require them for your job-by-job use. Please measure and ensure you have double-checked, to avoid using the wrong piece of material.

Before attempting any of these steps, please make sure you are comfortable with component placement 100%, and then nail. A trouble free assembly leaves you with a beautiful addition to your home. Painted and keep up, will ensure you will be enjoying the use of your Grizzly Shed for years to come. Thank you and let's go to work.

## Start with Job 1

Phone: 807-274-7401

Fax: 807-274-0050

Toll Free: 1-800-465-2918

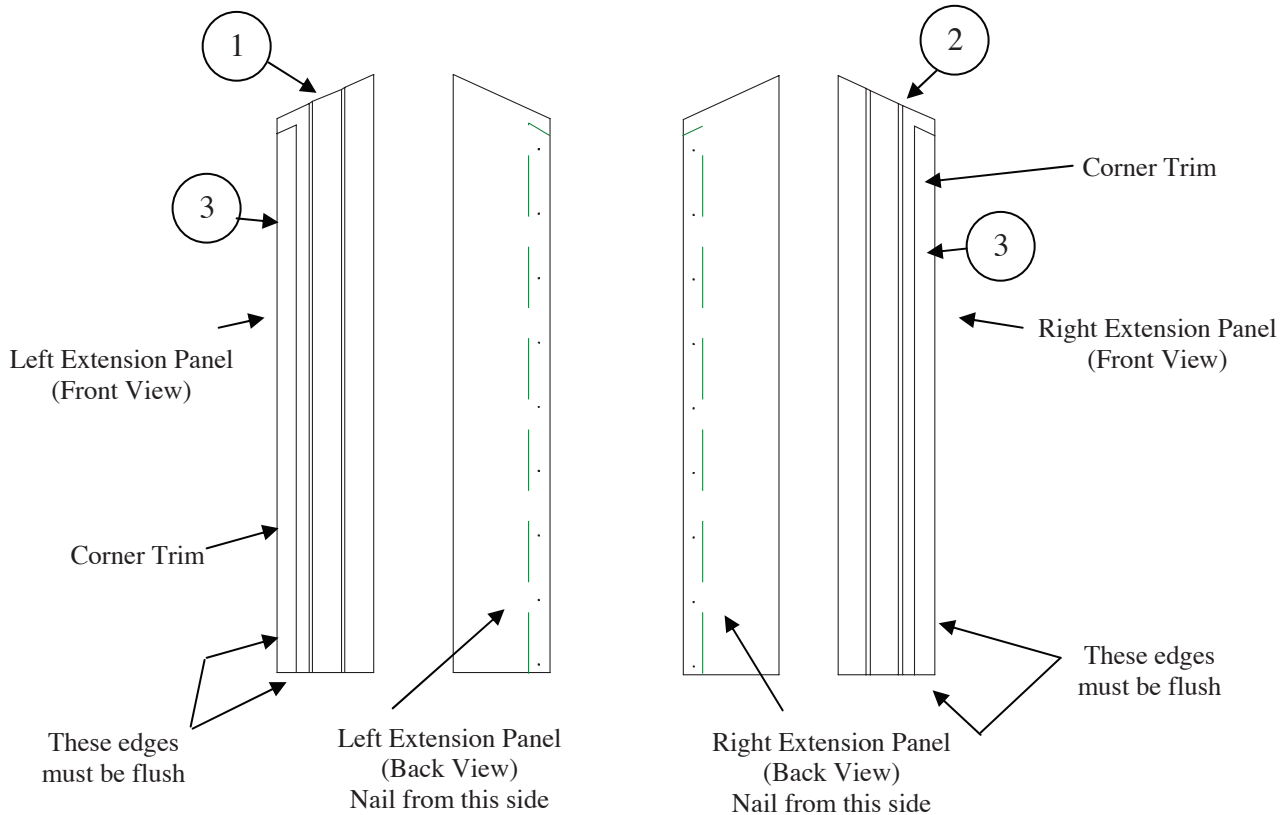
[e-mail:sales@nor-fab.com](mailto:sales@nor-fab.com)

web page: <http://www.nor-fab.com>

# Job # 1

## Rear Wall Extender Panels

<u>Part #</u>	<u>Description</u>
1	12" Left Extension Panel, angle cut
2	12" Right Extension Panel, angle cut
3	2 – 2 x 3 68" Corner trim studs, angled at one end



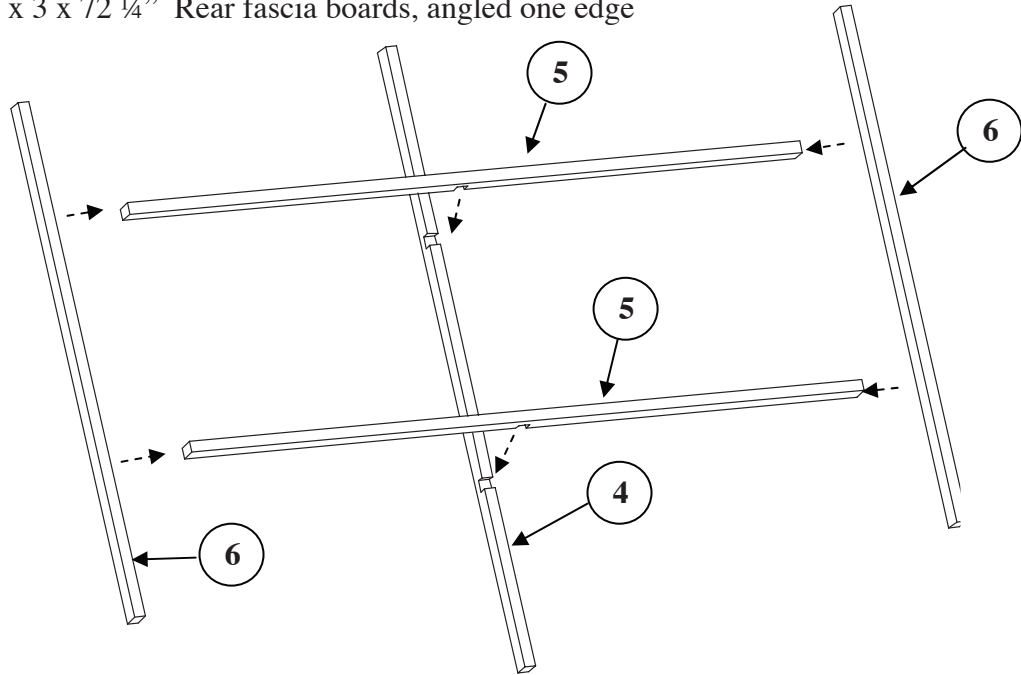
- A) Place corner trim stud as shown, making sure it is flush to the flat bottom edge and flush to the side.  
 Nail the parts together from the backside of the panels using 10 (1 ½") nails, starting at the bottom making sure the edges are flush, every 8" into the center of the corner trim studs. Make sure that the best face of the 2 x 3 is facing out (away from the panel) so that you can hide any imperfections.

**NOTE** : *When completed set to side of work area*

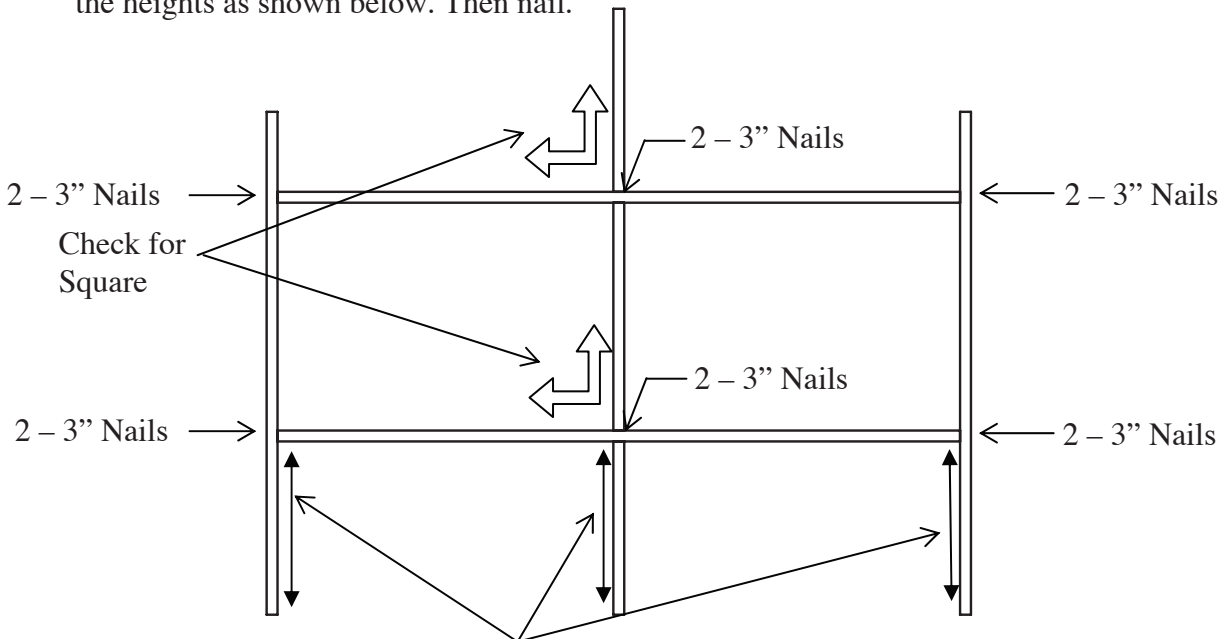
# Job # 2

## Rear Wall Frame Assembly

<u>Part #</u>	<u>Description</u>
4	2 x 3 x 84" Vertical double notched stud
5	2 - 2 x 3 x 94 5/8" Horizontal single notched stud
6	2- 2 x 3 x 71 1/4 " Rear wall extender joint studs
7	48" Angle cut back walls, Right side EZ panel
8	48" Angle cut back walls, Left side EZ panel
9	2- 2 x 3 x 72 1/4" Rear fascia boards, angled one edge

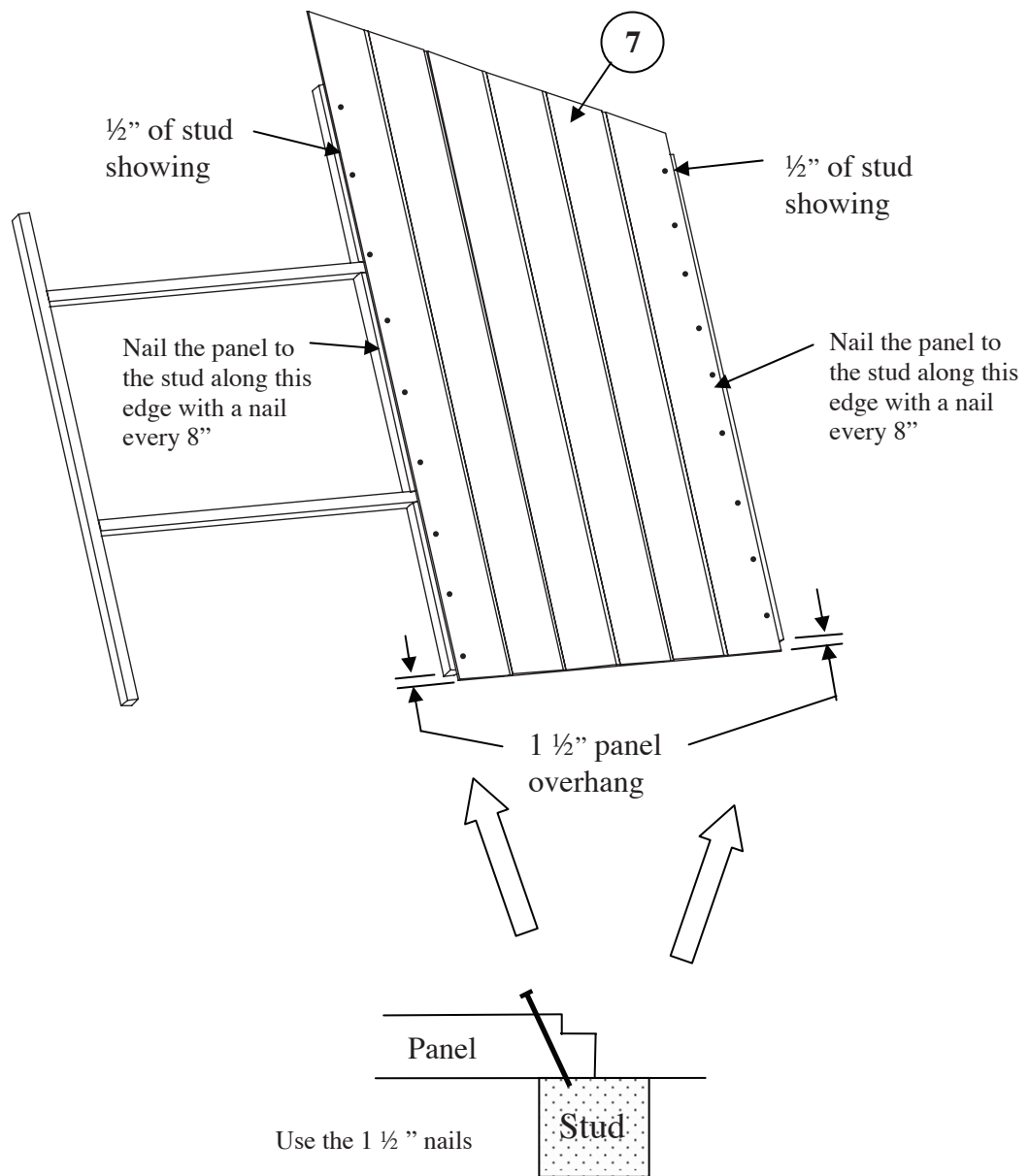


B) Assemble rear wall vertical and horizontal notched studding and connect to the wall joint studs one on each side. Check for square as shown below, and measure the heights as shown below. Then nail.

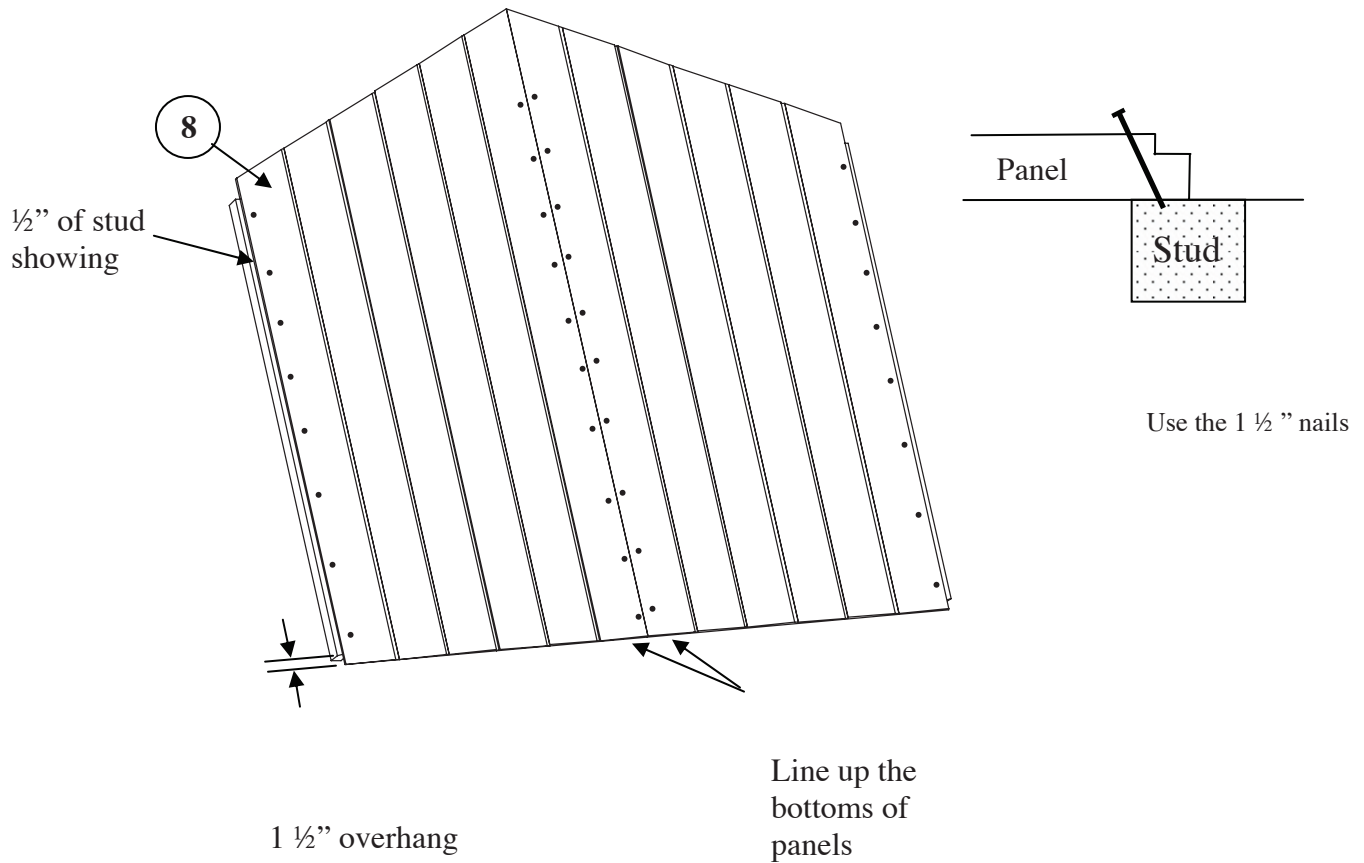


**Measure these heights, all three must all be the same.**

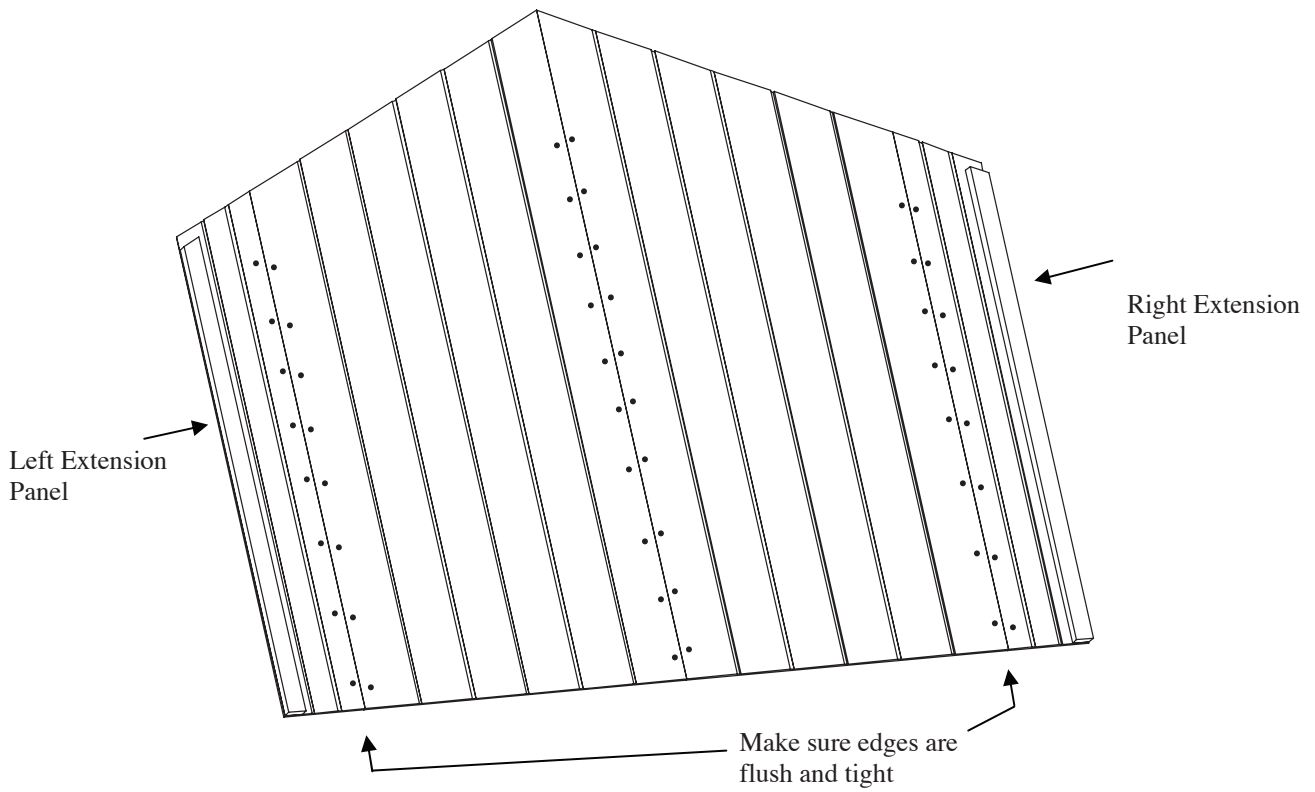
C) Place the left panel gently on completed frame. The important thing to remember is that  $\frac{1}{2}$ " of stud must be showing on the left side, and also on the right. Lower part of the panel must over hang by  $1\frac{1}{2}$ " on both studs. If one side of the panel has a lip, angle nail into the stud just past the lip into the thick part of the panel. Nail the panel securely with  $1\frac{1}{2}$ " nails, every 8".



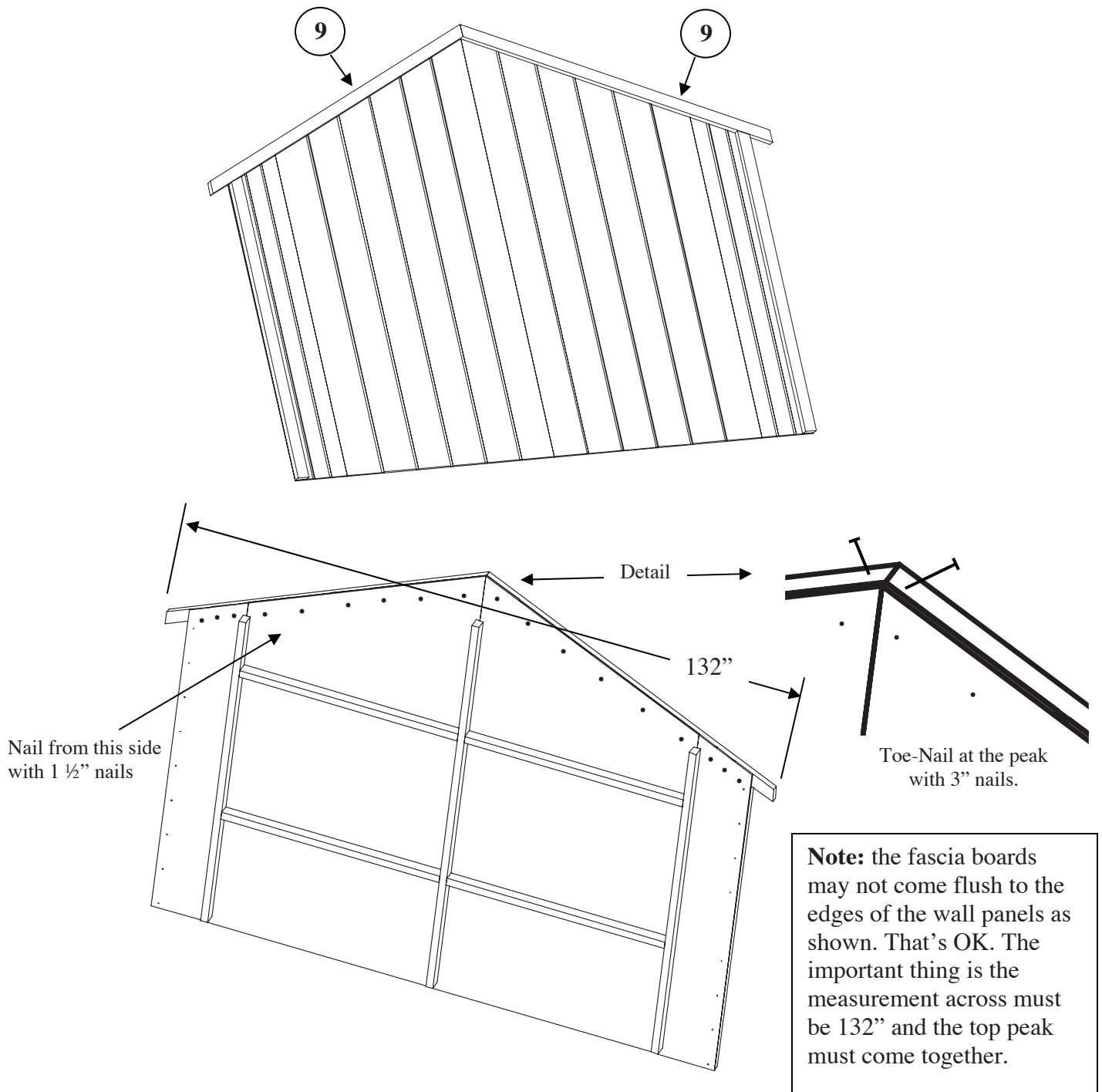
D) Take the right panel and lay it on the frame as shown below. The inside seam should match up perfectly and  $\frac{1}{2}$ " of the stud on the right side should be exposed. The lips on some panel edges are designed to keep the appearance flawless. If you are nailing an edge that has a lip, move your nail to the thick wood and angle nail into the stud underneath.



E) Now take the completed extension panels from Job 1 and nail them into place as shown below. Remember the 45 degree nailing procedure if there is a lip. Make sure your pieces are held securely in place before your nail.



F) Flip the wall over carefully, and get 2 of part #9 from your materials list. The rear fascia boards will fit together at the peak. Nail as shown below with 1 1/2" nails except for the two nails needed at the peak. Use 3" nails there.



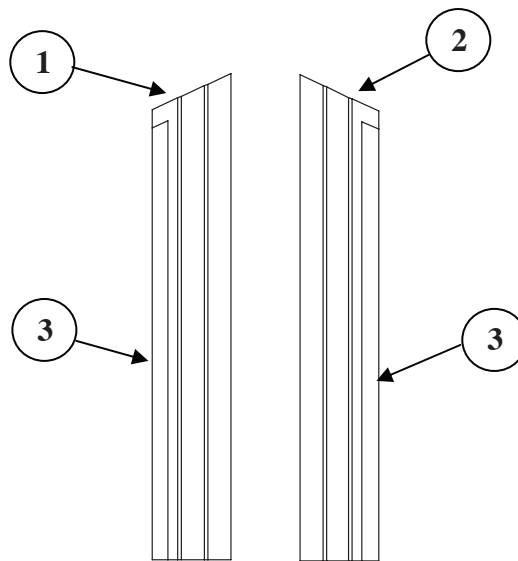
Congratulations your rear wall is complete. Set it aside and let's now do the front wall.

# Job # 3

## Front Wall Extender Panels

<u>Part #</u>	<u>Description</u>
1	12" Left Extension Panel, angle cut
2	12" Right Extension Panel, angle cut
3	2 – 2 x 3 68" Corner trim studs, angled at one end

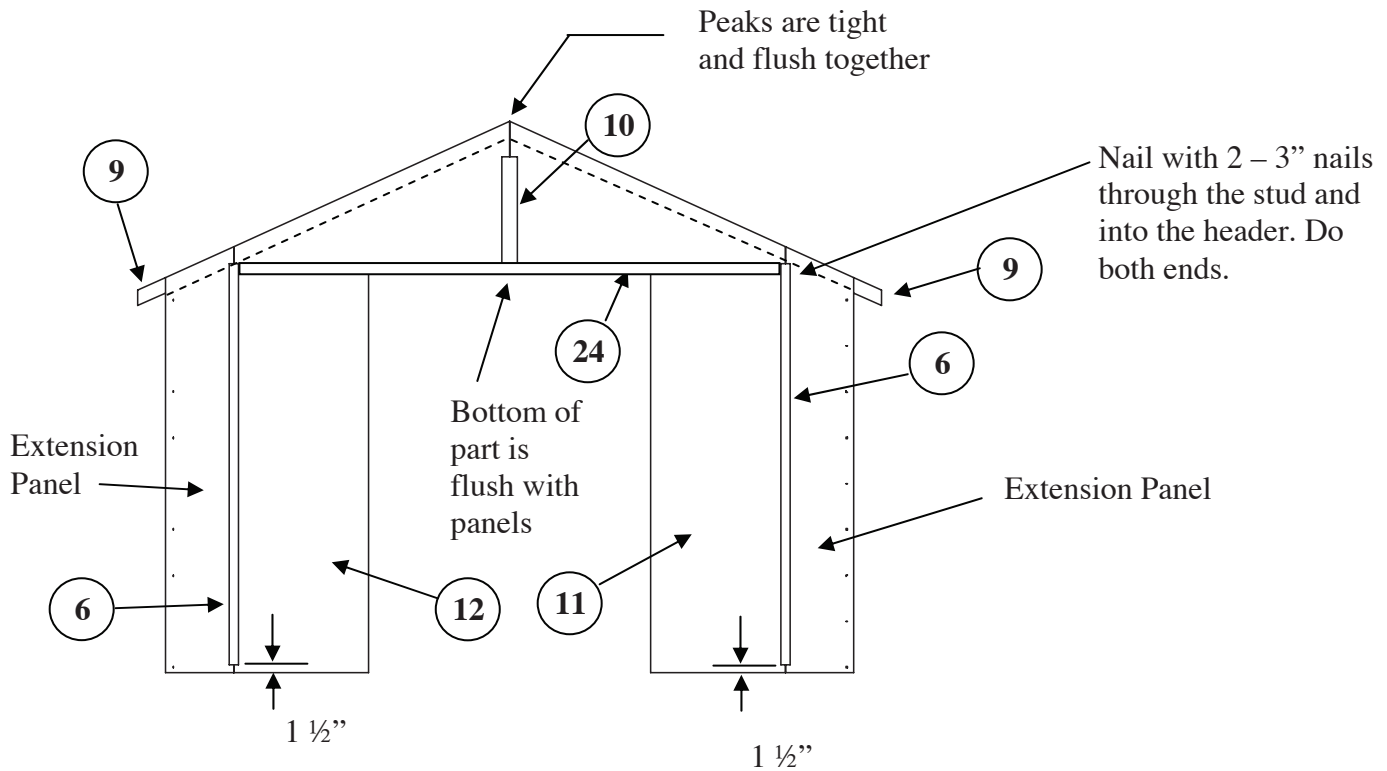
G) The front wall starts the same way as the back wall. First you need to build another set of left and right extender panels again (see Job #1). Put these aside for now.



## Job # 4

### Front Wall Extender Panels

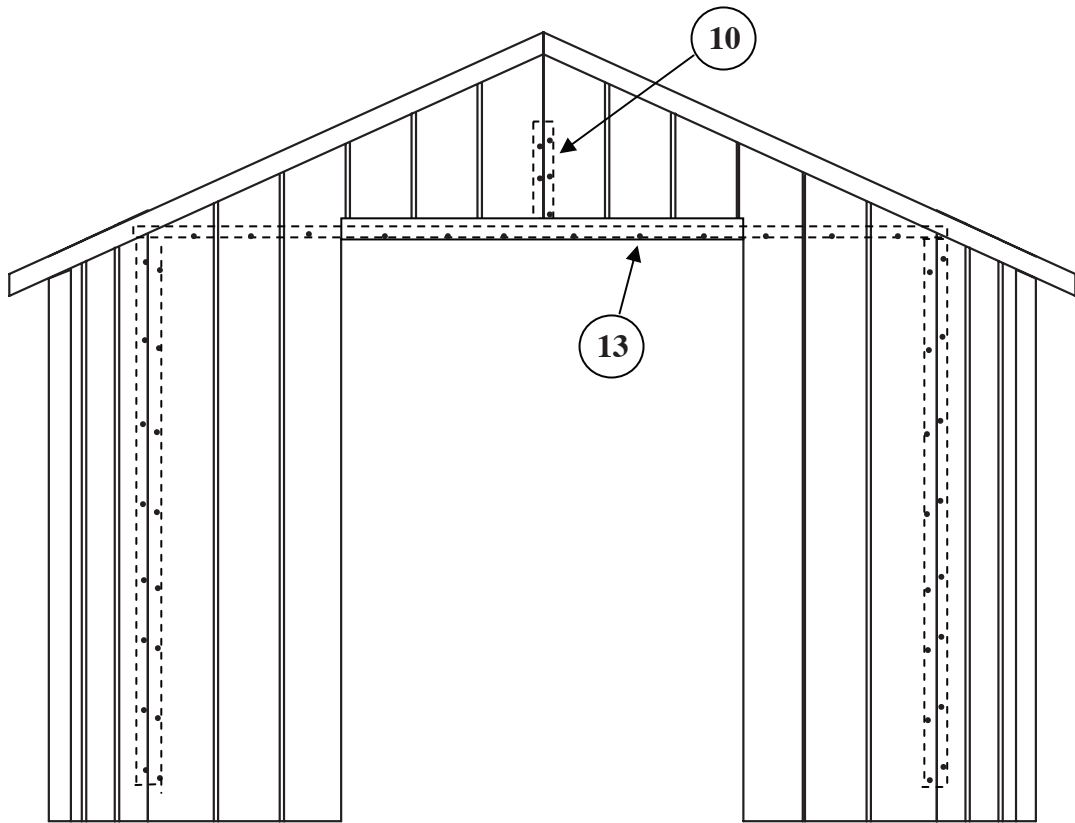
<u>Part #</u>	<u>Description</u>
10	19" Front wall panel brace (2 x 3)
11	48" Angle – cut left front wall panel with pre- hung door
12	48" Angle – cut right front wall panel with pre- hung door
9	2 –72 ¼" Front fascia boards angled both ends.
6	2 –71 ¼" Wall joint studs
13	57" Outside Door header (2 x 3)
24	94 5/8" Inside Door Header (2 x 3)



**Note:** This view is from the inside looking out. Doors are not shown so that the picture is clear. You will have the panels with the finished surface facing up in order to attach them together as instructed below. (Opposite to above picture)

- H) Place both front panels complete with the doors, dressed panel up and join them together with part #10, making sure that the edges of the two panels are tight together and that the top of each panel's peaks are flush. Remember that the fascia boards (part #9) go on last.

- I) Nail from the outside into the studs using 1 ½” nails, and remember to angle your nails if there is a lip on the panels. See previous instructions in step C & D.



This view is from the outside looking in. Doors are not shown so that the picture is clear.

- J) To nail on the fascia boards, parts #9, flip the assembly over again. Again, the important thing is that the peaks of the fascia boards come together tight and that they sit on the corner trim studs. It is OK if they do not run flush along the edges of the panels.
- K) With the wall still flipped over, attach the door header, part #13, again nailing from the inside, through the wall panels into the header using 1 ½” nails.

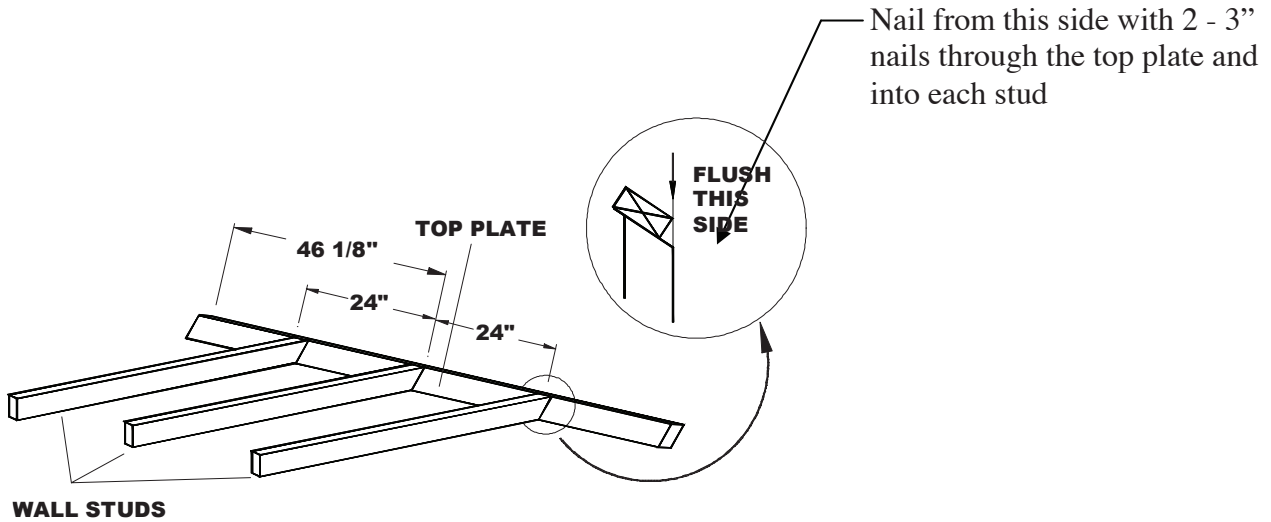
**Your front wall is complete. Set it aside and let's do the side walls.**

# Job # 5

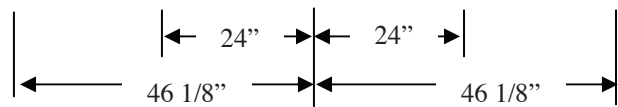
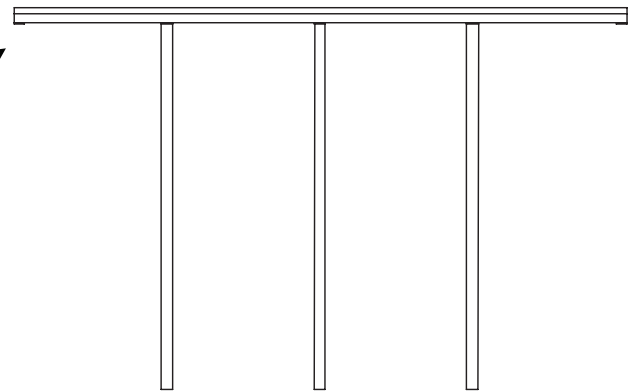
## Side Walls

<u>Part #</u>	<u>Description</u>
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14	92 1/4" Top Plate (2 x 3)
15	65" Wall studs, angled on one end (6 of them)
16	48" x 66 3/4" Side wall panels (4 of them)

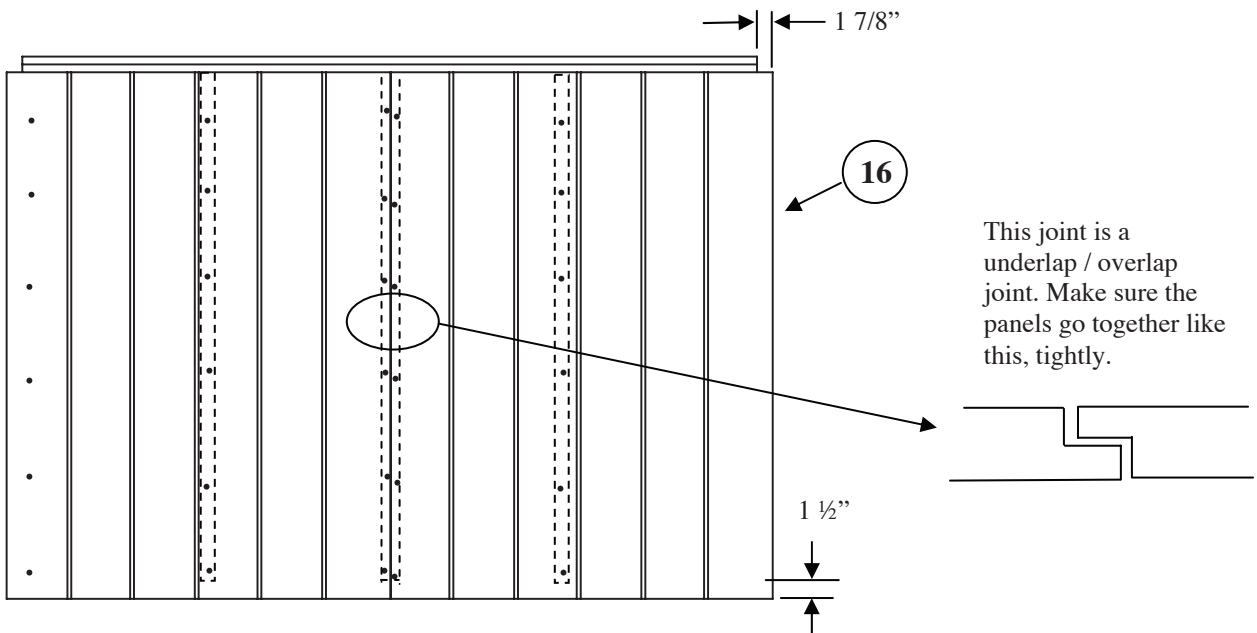
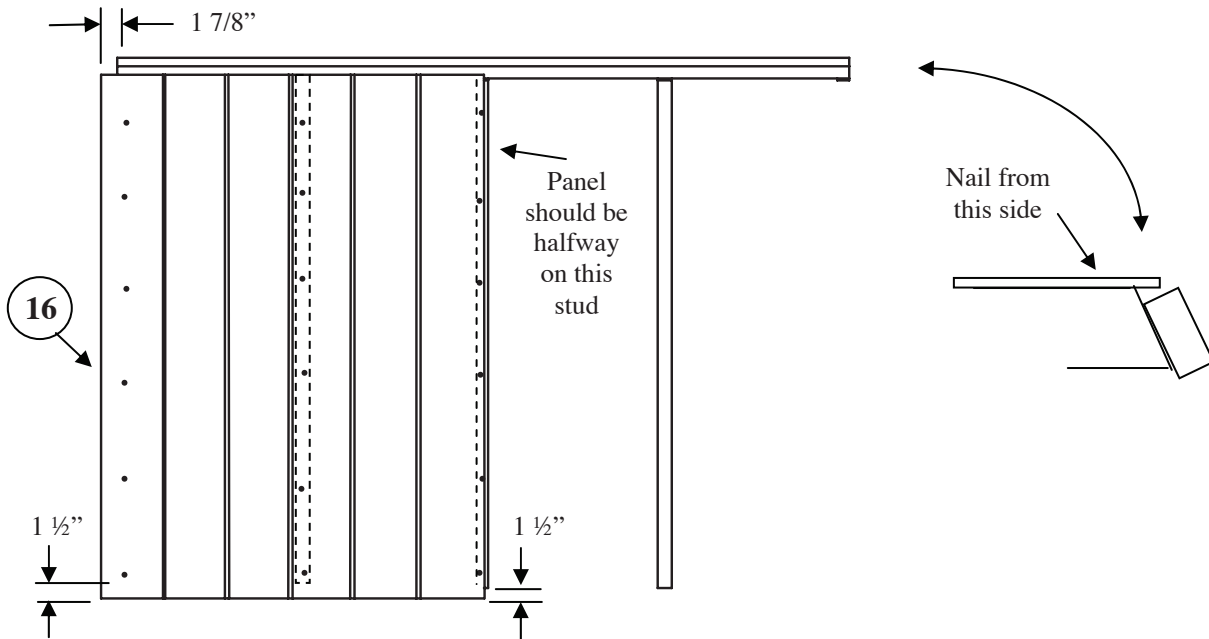


The wall stud and top plate must be flush (Both ends)



- L) You will need to attach the 65" wall studs to the 92 1/4" top plate as shown above. It is very important that you use a flat surface to ensure that the wall studs and the top plate are flush. This is so that when you attach the wall panels later, there will not be a misalign lip.

M) Flip the frame over and get one of the side panels. Take a measurement from under the side edge and make sure you have a 1 7/8" overhang along the entire side. The bottom of the panel should overhang the end of the wall studs by 1 1/2".

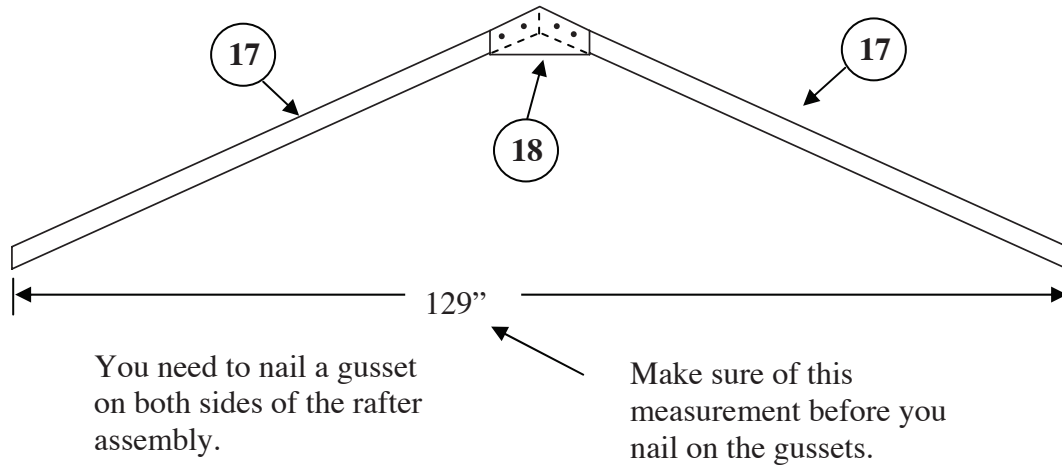


N) Attach the second panel and make sure that the edges are tight together. Again remember to nail on an angle if there is an edge on the panel. You will need to make 2 walls, so repeat the above steps to make the second wall. (The left and right walls are exactly the same).

# Job # 6

## Rafters

<u>Part #</u>	<u>Description</u>
17	70 ½ ” rafter boards (6 of them)
18	Gussets (6 of them)



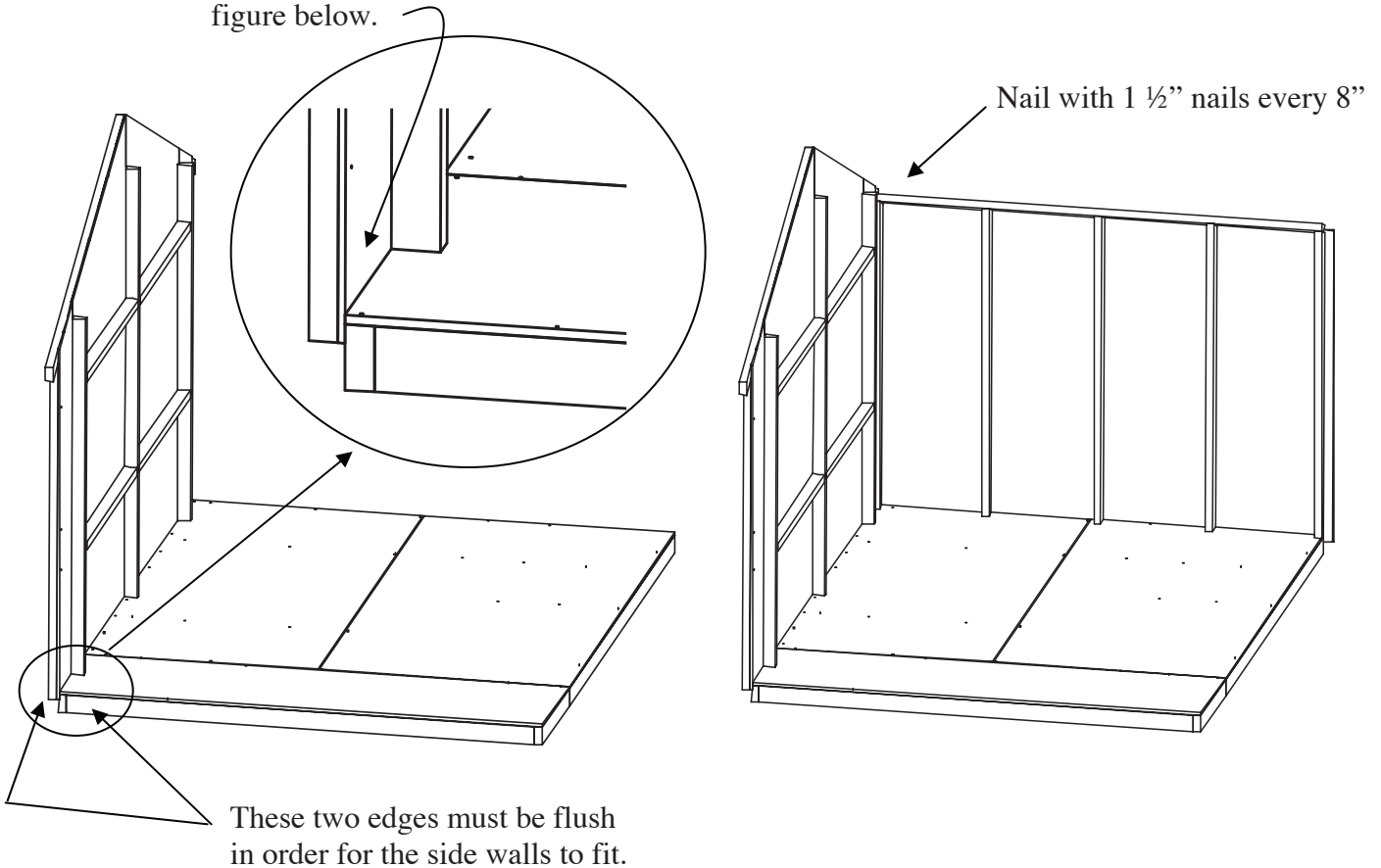
- O) Take two rafter boards and attach them together as shown below. The important thing to remember is that the dimension from edge to edge must be 129" before you nail the gussets on. Nail a gusset on both sides of the rafter assembly by using 1 ½" nails to do this job.
- P) You need to build a total of three (3) rafters like this.

## Job # 7

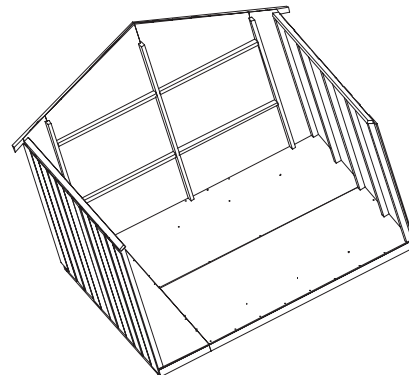
### Erecting Walls

No materials required, only 1 ½" nails

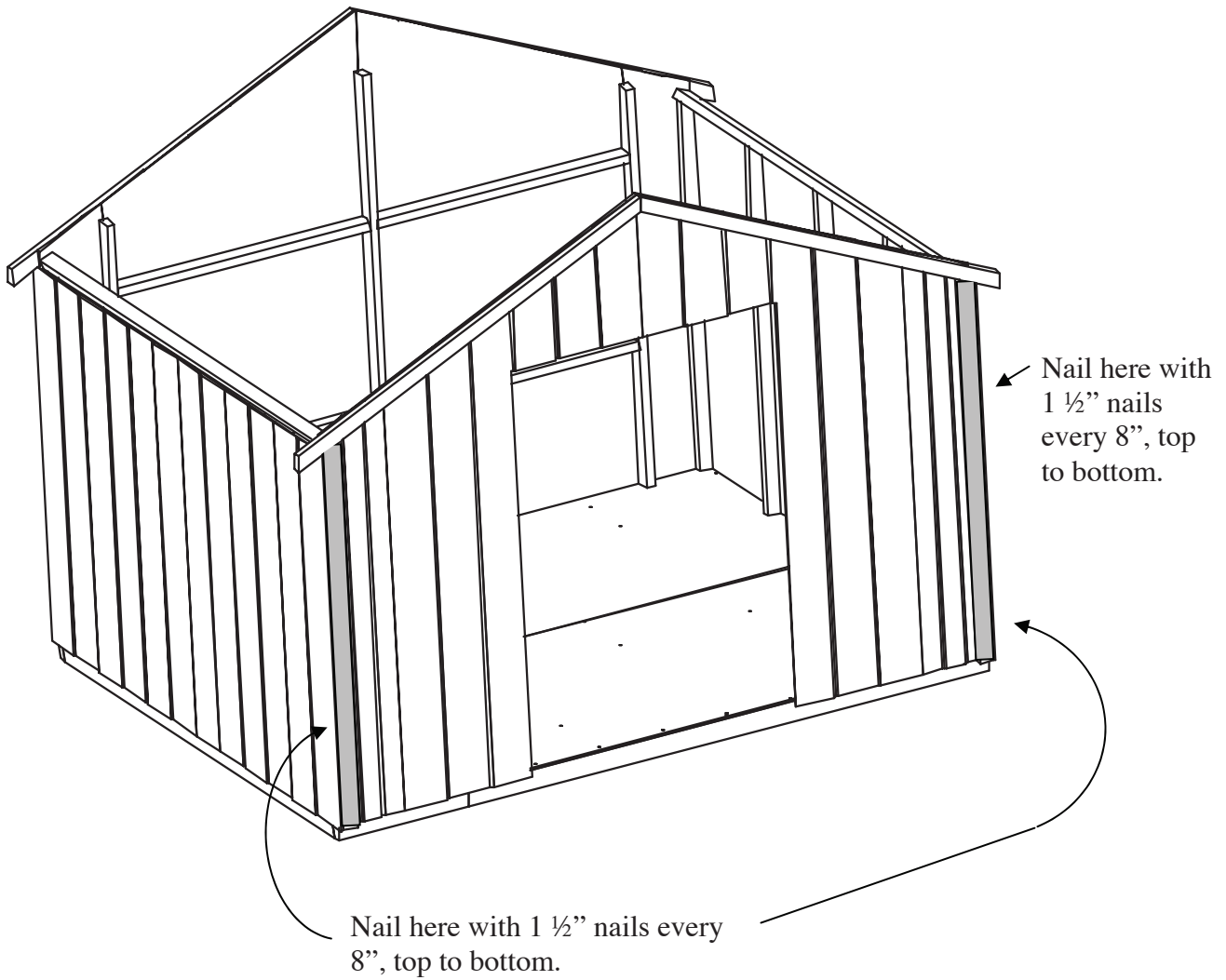
- Q) Place the completed back wall on the floor. Have someone hold it in place while you nail it to the floor by using 1 ½" nails along the bottom of the wall panels. The edge of the corner trim board and the floor should be flush. See details on the figure below.



- R) Place one of the side walls on the floor and bring it up against the rear wall. When it is square and tight to the rear wall, nail through the side wall sheeting overhang into the rear wall corner boards using 1 ½" nails, top to bottom about every 12".
- S) Do the same with the other sidewall.



T) Lift the front wall into place between the sidewalls. Nail both sides into the front corner boards same as the back about every 12", top to bottom.

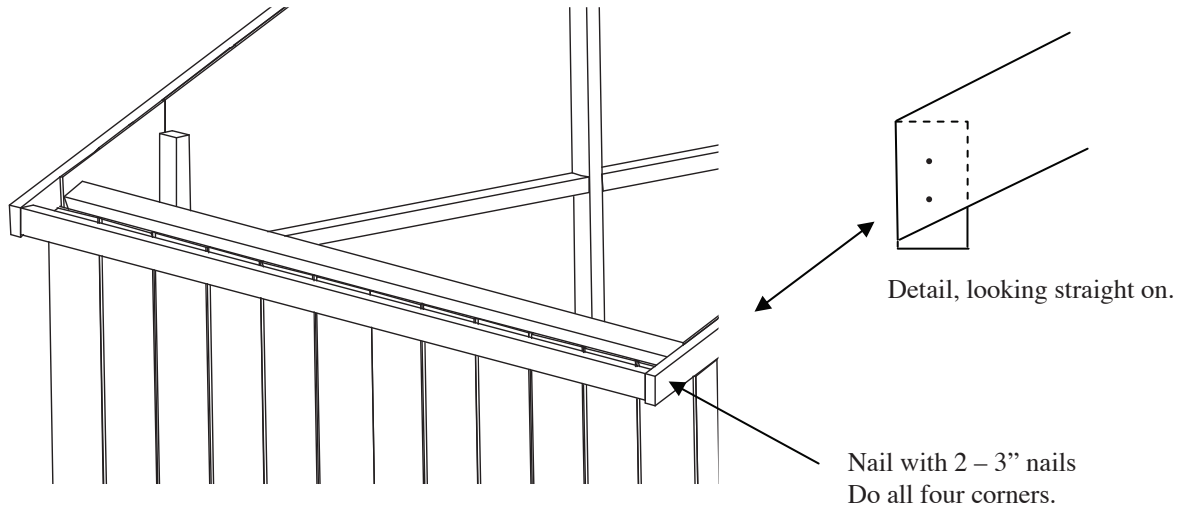


## Job # 8

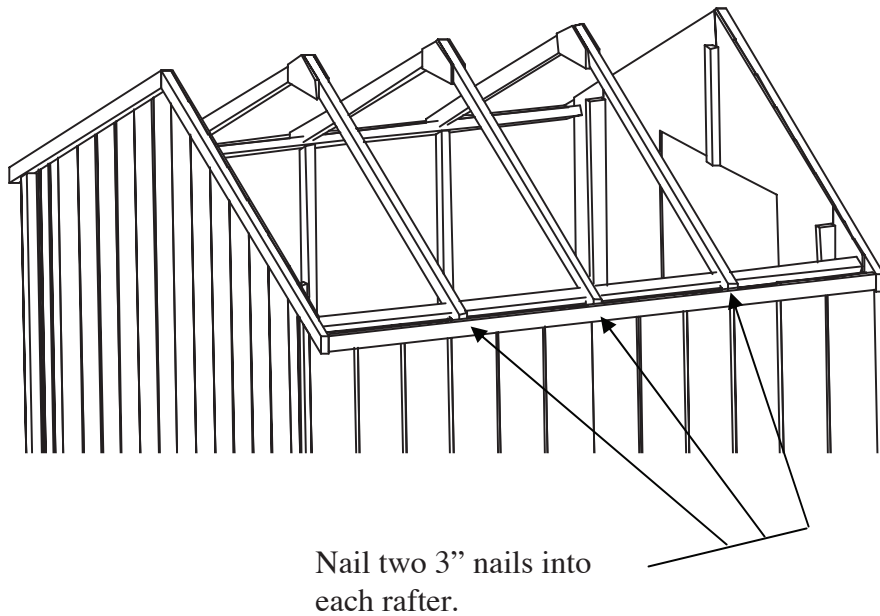
### Roof Completion

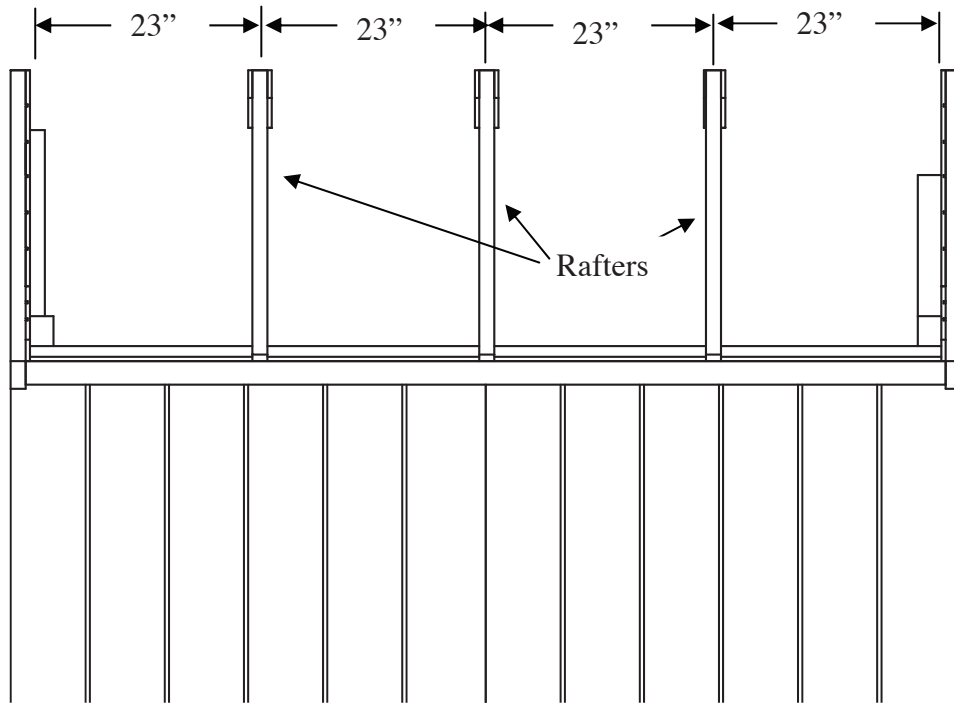
<u>Part #</u>	<u>Description</u>
19	93" Side fascia boards (one for each side)
20	48" x 96" (7/16") OSB roofing panels (two)
21	24" x 96" (7/16") OSB roofing panels (two)

- U) Nail the 93" fascia boards (part #1) flush between the front and rear fascia boards with 3" nails. Repeat for other side.



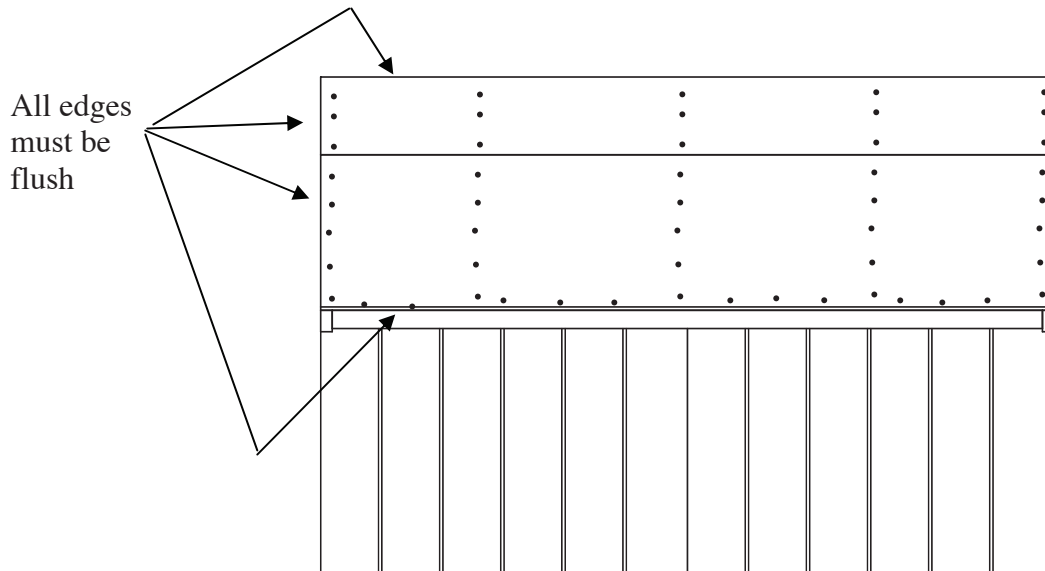
- V) Bring your three rafters inside the shed. Have 1 person on a step ladder. Hold each rafter centered over each inside wall stud. Make sure your helper holds the rafter directly over the studs while you nail the rafter to the side fascia board using 3" nails.





W) Install the 48" x 96" roof sheathing so that it is flush with the front, side, and rear fascia boards and nail to all rafters with 1 ½" nails.

X) Next, install the smaller roof panel at the peak. Do both sides to complete the roof

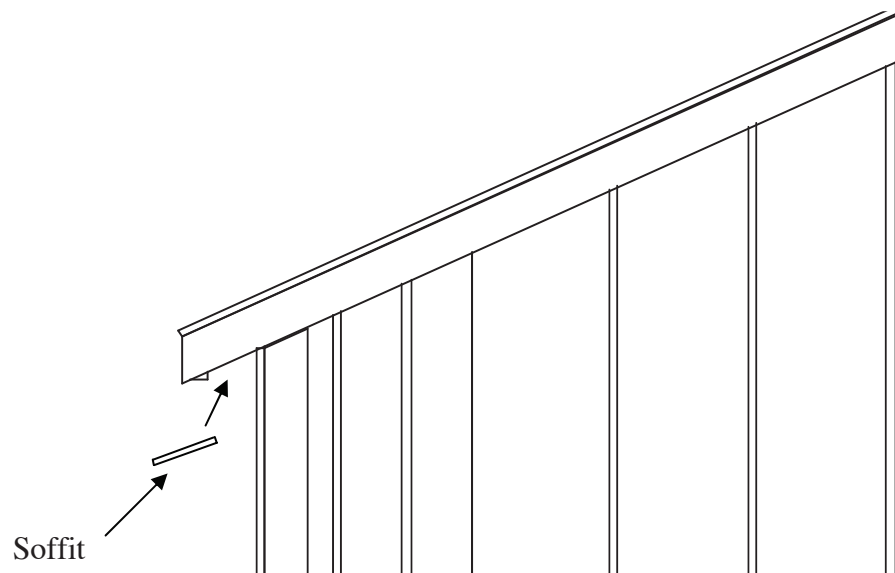


# Job # 9

## Trim Work

<u>Part #</u>	<u>Description</u>
22	4 ¾" x 96" plywood soffit panel (one for each side)
23	Hasp kit for the front door

- Y) To finish the trim, now install the last panel (soffit) under the rafters to close it up. Make sure the panel fits tight to the shed wall and is flush with the edges. Do both sides.
- Z) Install the hasp kit on the doors.
- AA) Finally, nail all the 2 x 3's at the bottom, into the floor using 3" nails.



***Congratulations. You have completed the Grizzly Shed. Please double check that you have completed all the nailing.***