



8x4 Garden Shed Assembly Manual

Revision #12
March 16, 2012

Thank you for purchasing an 8x4 Garden Shed. Please take the time to identify all the parts prior to assembly.



Safety Points and Other Considerations

Our products are built for use based on proper installation and normal residential use, on level ground. Please follow the instruction manual when building your shed and retain the manual for future maintenance purposes.

Some of the safety and usage measures you may wish to consider include:

- snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep the snow off the roof(s).
- if the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.
- in high or gusty wind conditions, it is advisable to keep the structure securely grounded.
- have a regular maintenance plan to ensure screws, doors, windows and parts are tight.

Customer agrees to hold 6 YUJW XU Partnership and any Authorized Dealers free of any liability for improper installation, maintenance and repair.

In the event of a missing or broken piece, simply call the 6 YUJW XU Customer Support Line @ 1-800-888-8888, within 30 days of the delivery of your purchase. It is our commitment to you to courier replacement parts, free of charge, within 10 business days of this notification. Replacement parts will not be provided free of charge after the 30 day grace period.

**Thank you for purchasing our 8x4 Sag Harbor Garden Shed.
Please take the time to identify all the parts prior to assembly.**

Parts List:

A. Floor Section

- 1 - 45 1/2" x 75" Large Floor Joist Frame (2 Joists Unattached)
- 1 - 45 1/2" X 21" Small Floor Joist Frame (2 Joists ATTACHED)
- 2 - 1 1/2" x 3 1/2" x 72" Floor Joists
- 5 - 1 1/2" x 3 1/2" x 45 1/2" Floor Runners
- 1 - 5/8" x 45 3/8" x 74 7/8" Plywood
- 1 - 5/8" x 45 3/8" x 20 7/8" Plywood

B. Wall Section

- 4 - 45 1/2" x 75" Wall Panels
- 1 - 45 1/2" x 75" Window Wall Panel
- 1 - 12" x 73" Narrow Wall Panel
- 2 - 9" x 45 1/2" Wall Extensors
- 2 - 45 1/4" Angled Wall Extensors
- 4 - 1 1/2" x 2 1/2" x 45 1/2" Wall Plates
- 1 - 3/4" x 3 1/2" x 70" Horizontal Wall Cleat
- 1 - 3/4" x 3 1/2" x 21" Horizontal Wall Cleat

Door, Jambs & Header

- 1 - 31" X 72" Full Door
- 1 - 1 1/2" x 3" x 73" Door Jamb
- 1 - 2" x 3" x 45 1/2" Door Header (Dado cut on edge)

C. Rafter & Roof Section

- 2 - Roof Panels 51 1/2" x 55 3/4" (1-Left 1- Right)
- 6 - 1 1/2" x 2 1/2" x 54" R rafters
- 2 - 1/2" x 4" x 48" Front Soffit
- 2 - 1/2" x 3" x 48" Rear Soffit
- 4 - Filler Shingles - 5 1/2" Wide
- 1 - 8"x 96" Strip of Roofing Felt

D. Miscellaneous Section

(Skirting, Facia ,Trim & Misc. Parts)

- 2 - 1/2" x 4" x 54 1/8" Side Angle Cut Facia
- 2 - 1/2" x 4" x 50" Front Facia
- 2 - 1/2" x 4 1/2" x 50" Rear Facia
- 6 - 1/2" x 4 1/2" x 45 1/4" Bottom Skirting
- 4 - 1/2" x 2 1/2" x 75" Corner Filler Trim
- 2 - 1/2" x 2 1/2" x 78 3/4" Vertical Door Trim
- 2 - 1/2" x 2 1/2" x 80" Front Side Corner Trim
- 4 - 1/2" x 2 1/2" x 88 3/4" Rear/Middle Trim (Opt. Door Trim)
- 2 - 1/2" x 4 1/2" x 78 3/4" Front Corner Trim
- 2 - 1/2" x 4 1/2" x 88 3/4" Rear Corner Trim
- 1 - 1/2" x 1 3/4" x 32" Horizontal Door Trim
- 1 - 1/2" x 2 1/2" x 8 1/2" Horizontal Narrow Wall Trim
- 2 - 1/2" x 4" x 51 5/8" Roof Ridge Board
- 2 - Detail Facia Plate (Larger for Rear Facia)
- 1 - Window Insert
- 1- Window Trim Pkg - (1-24 1/16" angle cut / 3 -23")
- 1 - Flower Box Kit
- (Assembly Instructions and Hardware found in Kit)
- 2 - 1/2" x 2 1/2" x 72" Interior Vertical Door Stops
- 1 - 1/2" x 2 1/2" x 36" Interior Horizontal Door Stop
- 1 - 45 1/4" Extra Piece of Wall Siding

Note: All Trim, Facia and Bottom Skirting pieces will be positioned rough face out when installed.

Important:

The Sag Harbor Shed can be assembled in many different configurations. This Assembly Manual illustrates the most common configuration with the door to the left front 8ft side and Window Wall to right front 8 ft side.

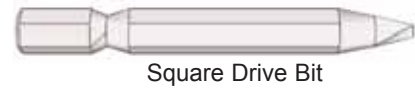
If you choose to configure with Door on end (45 1/2" side) , please refer to end of the Assembly Manual for required changes necessary to correctly assemble.

Note: Standard Sheds come with 1 Window Wall Panel. On all configurations, the Window Wall Panel can be positioned in any location to best suit purchaser's preference.

8x4 SCRAPWOOD HARDWARE PACKAGE

Hardware Kit (Provided)

Note: screws and nails shown actual size.



Tools Required (Not Provided)



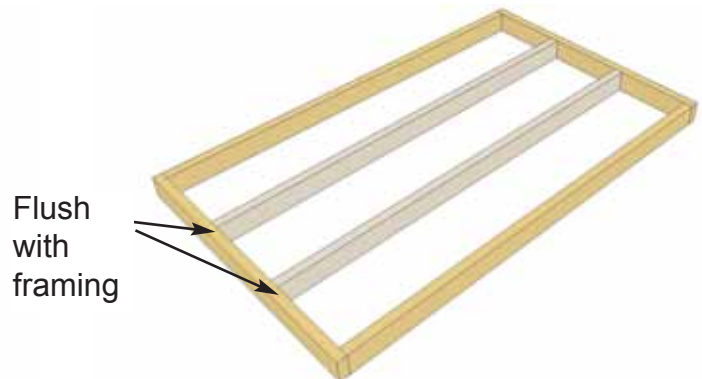
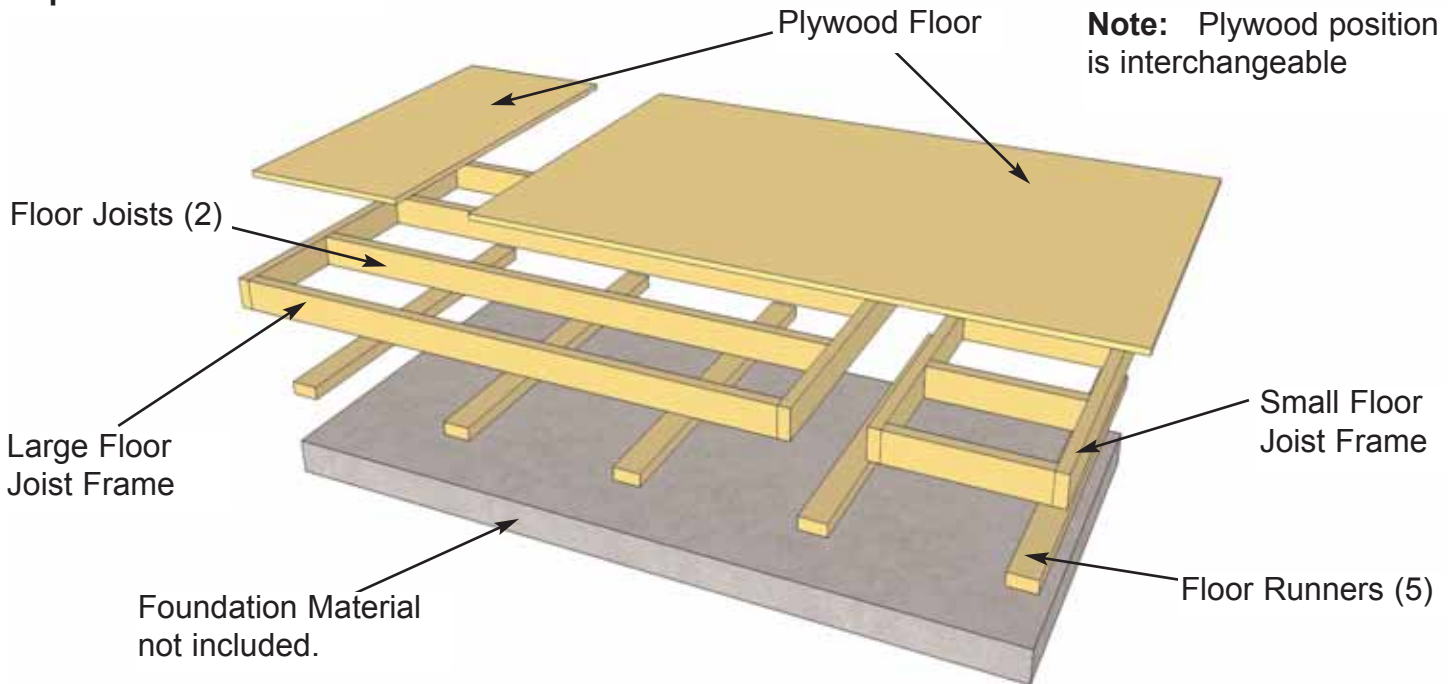
Safety Equipment Required (Not Provided)



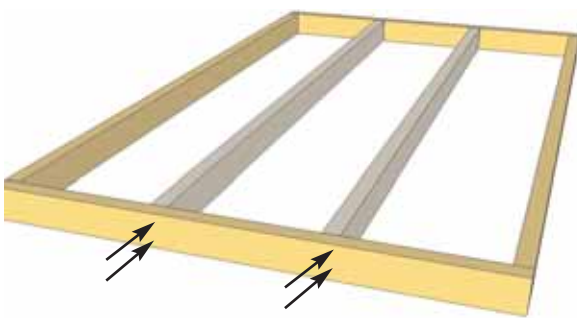
A. Floor Section

Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting. Note: Floor Footprint is 96" wide x 45 1/2" deep.

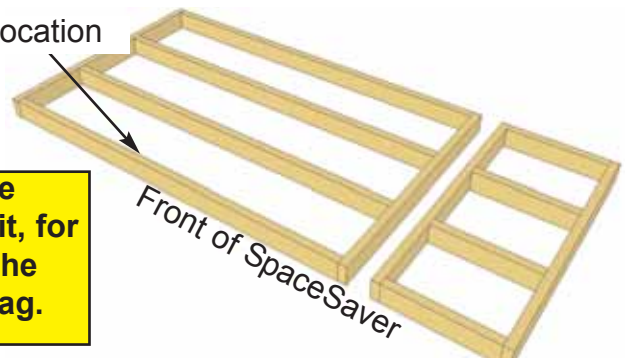
Exploded Floor Section



1. Lay out **Large Floor Joist Frame** and **2 Floor Joists** as illustrated above. Position Joists equally in Floor Joist Frame. Use **Small Floor Joist Frame** as a template to determine joist position. Position Joist flush with framing.

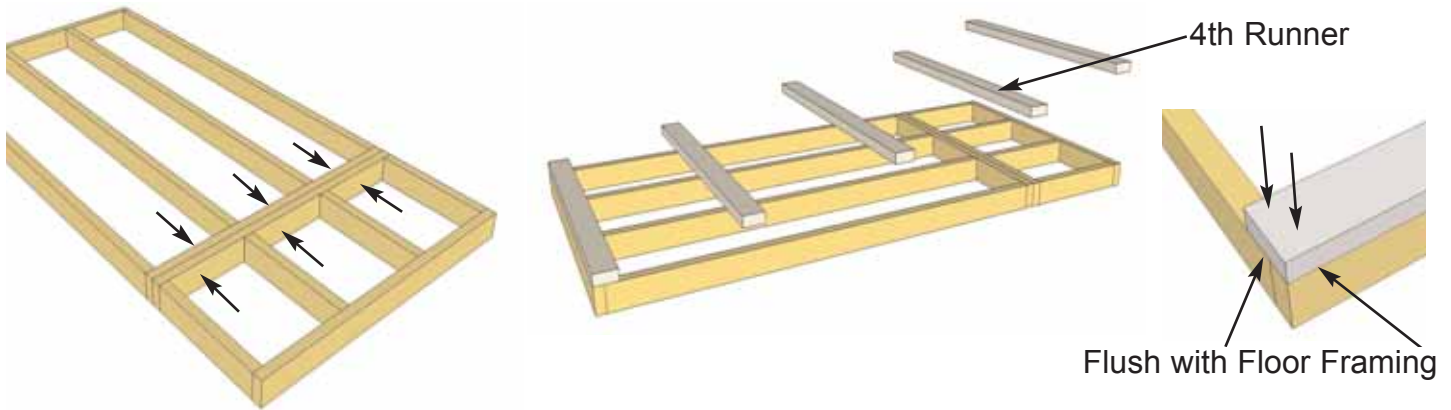


Door Location



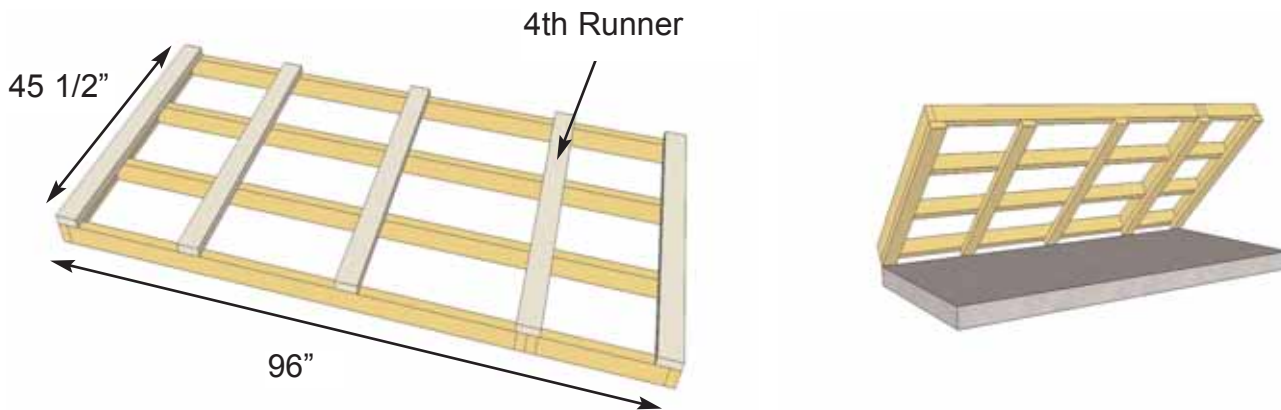
You can find the Square Drive Bit, for the screws, in the Hardware Kit Bag.

2. When correctly positioned, attach each Joist with 4 - 2 1/2" screws (2 per end). You can find the Square Drive Bit for the screws in with the Hardware Kit Bag.



3. With Floor Joist Frames positioned together flush, attach with 6 - 2 1/2" screws.

4. Position and attach **Floor Runners** to completed floor frames with 6 - 2 1/2" screws per Runner. Make sure Runners are flush with outside, front and rear floor framing, but not overhanging. Make sure 4th Runner is placed equally over seam where floor frames meet.



5. With Floor Runners attached, carefully flip the floor over and place on your foundation.

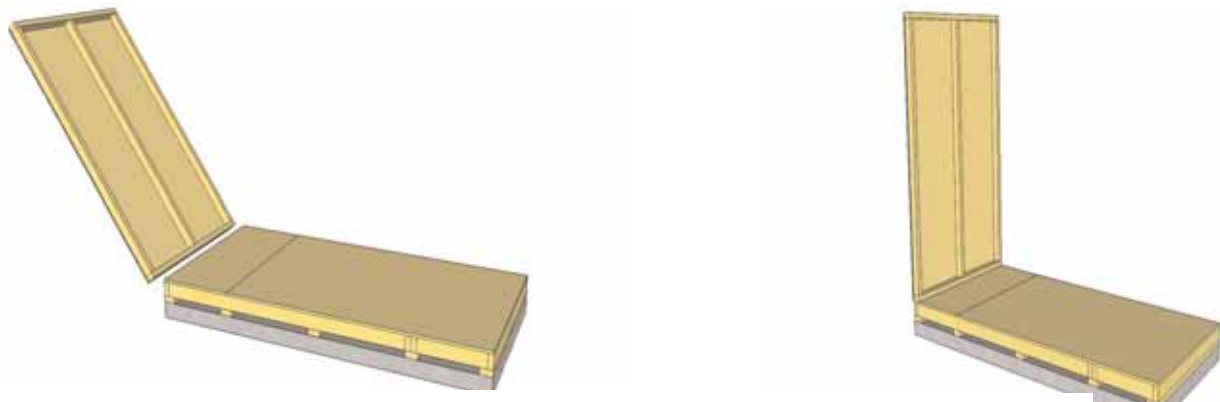
Caution - you may need 2 people to assist you. Be careful when laying floor down not to bend or twist floor. **Note:** The floor will be flipped over and floor runners will sit on your foundation. It is important to note that having a level foundation is critical. Choosing a foundation will vary between regions. Typical foundations can be concrete pads or patio stones positioned underneath the floor runners.



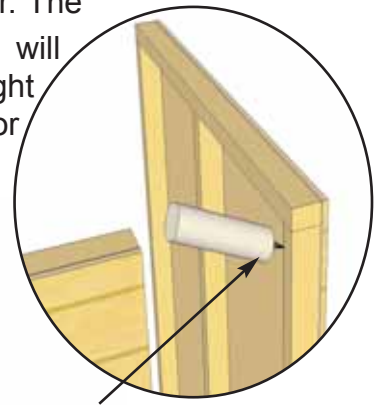
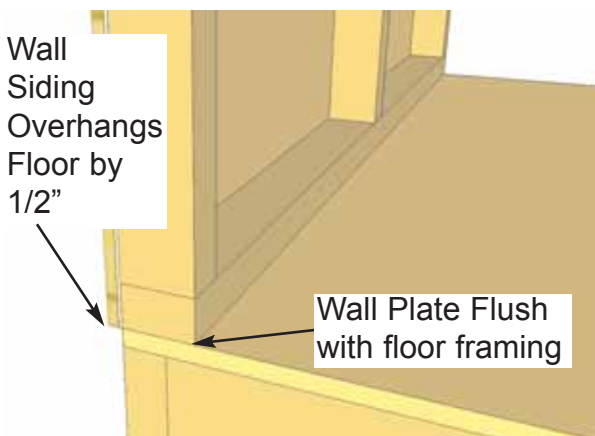
To help level Floor, locate Shim Shingles (used in packaging) found in the edges of each Roof Panel.

6. When in place, level floor completely before proceeding.

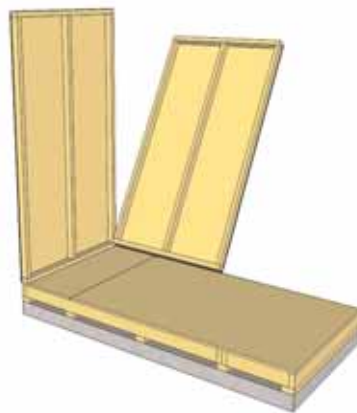
7. Position **Plywood Floor** pieces (2) on top of completed floor joists.



10. Starting on Side, position a **Solid Wall Panel** on top of plywood floor. The Wall Panel bottom framing will sit flush with floor framing. Wall siding will overhang the floor. **Important:** Make sure all walls are aligned in their upright position. If not, water may leak into your shed. Unsure if panel is facing up or down? Recently attached Bottom Plate is on bottom of panel.



Optional - Caulking seams will help prevent moisture from entering at seam. Caulking not included in kit.

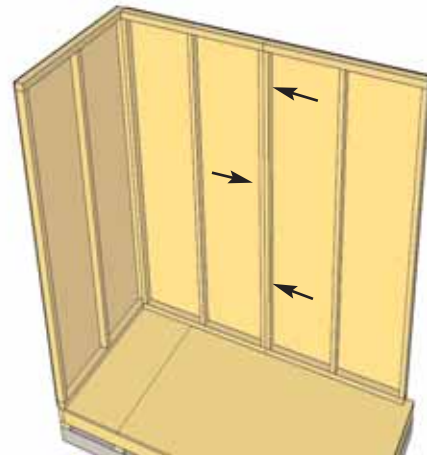


11. Outside 2x3 framing of wall panel should be flush with outside of floor framing when properly aligned. The Plywood is cut slightly smaller than floor framing. Keep plywood seams tight. **Note:** Siding will overhang the floor by approx. 1/2". When positioned correctly, locate 2nd Solid Wall Panel and place in Corner.

Do Not Attach Walls To Floor until Step 30



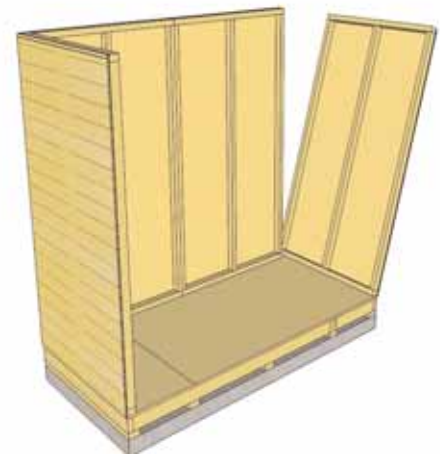
12. Butt both vertical wall studs of side and rear walls together and attach with 3 - 2.5" screws. Screw at the bottom, middle and top of stud to secure properly. **Note: Drill pilot holes in studs to prevent splitting.**



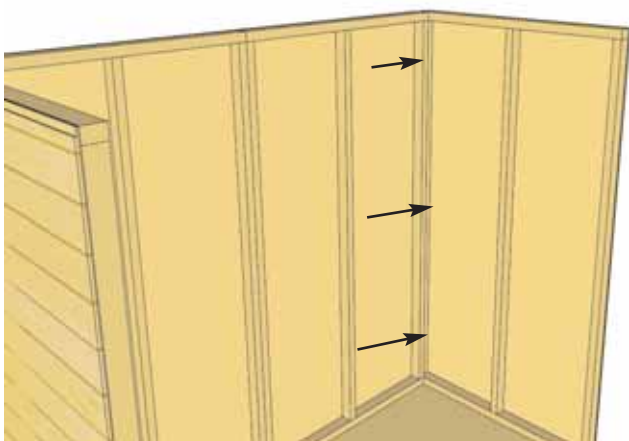
13. With the corner wall attachment complete, position the **Second Rear Wall Panel** in place so bottom 2x3 wall framing is sitting flush with outside floor framing. Wall siding should overhang floor by approximately 1/2". When positioned correctly, attach both wall panel studs together as per **Step 12** with 3 - 2 1/2" screws.



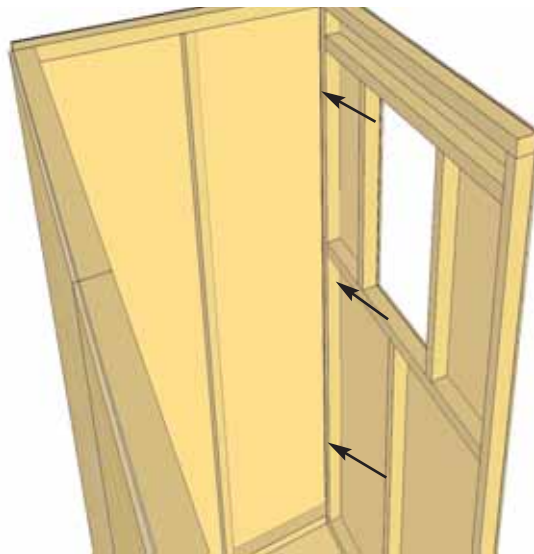
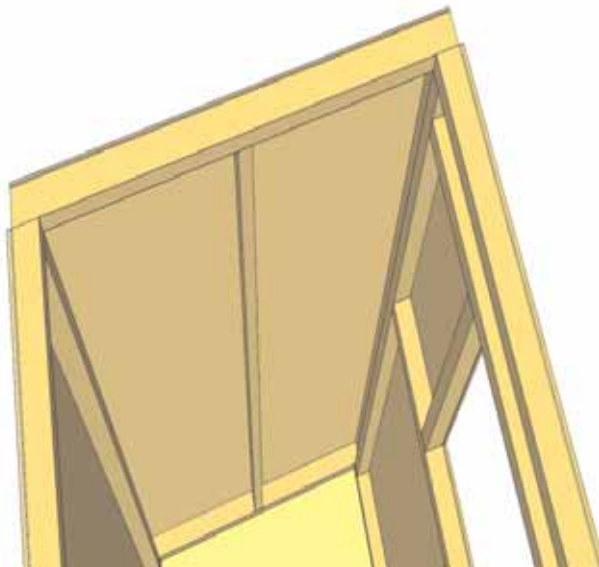
Do Not Attach Walls To Floor until Step 30



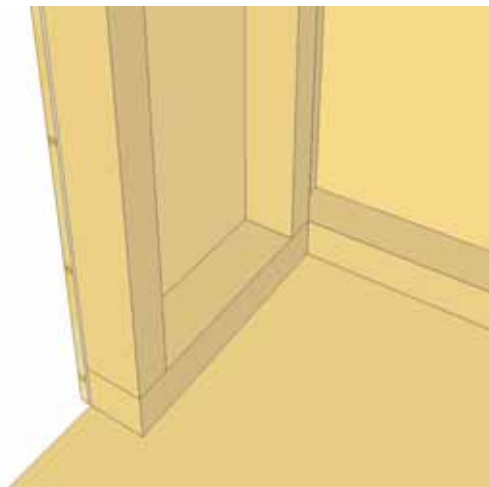
14. With Rear Wall Panel in place, position other side wall panel on floor as per **Step 10 & 11**.



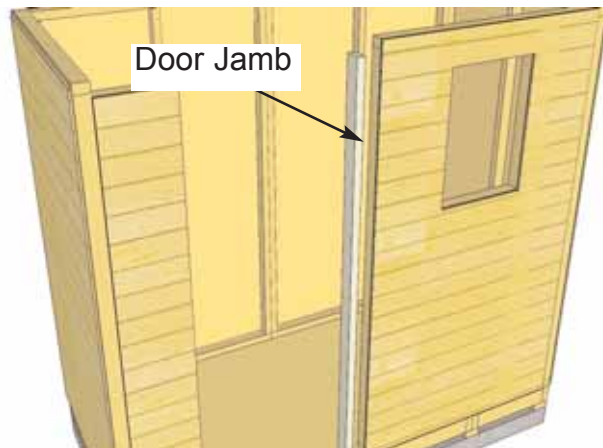
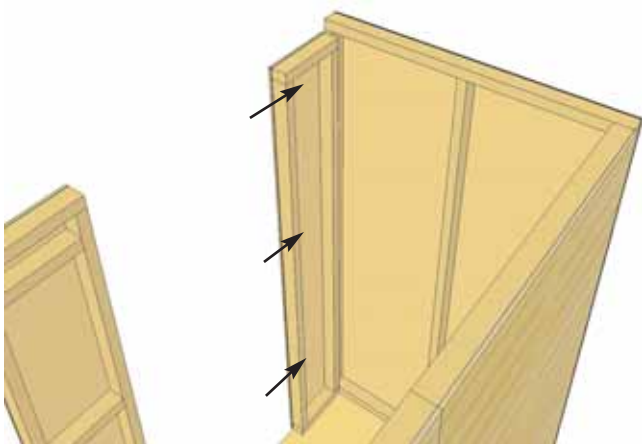
15. Secure side wall panel to rear wall panel as per **Step 12**. Next, locate **Window Wall Panel** and place in front corner.



16. Align front corner Window Wall Panel as per **Steps 11 & 12**. using 3 - 2 1/2" screws to secure wall studs together.

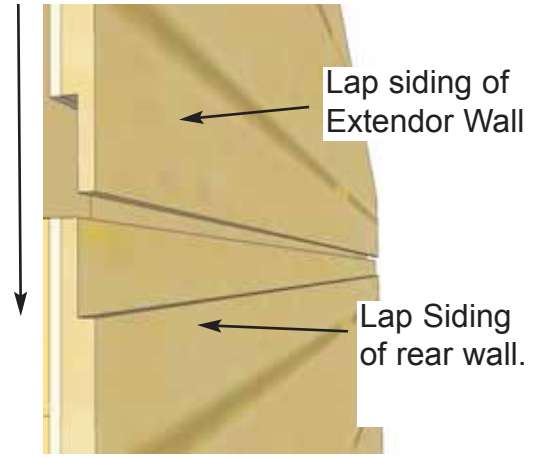
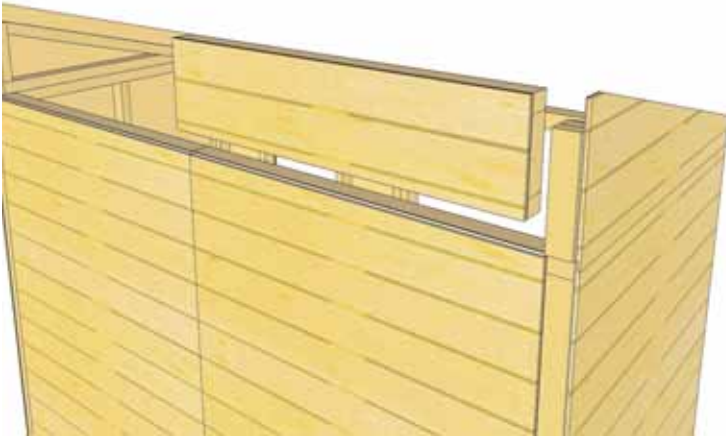


17. Locate **Narrow Wall Panel** and position once again so 2x3 bottom wall framing sits flush on floor and wall siding overhangs. **Note:** Narrow Wall Panel is only 73" high.

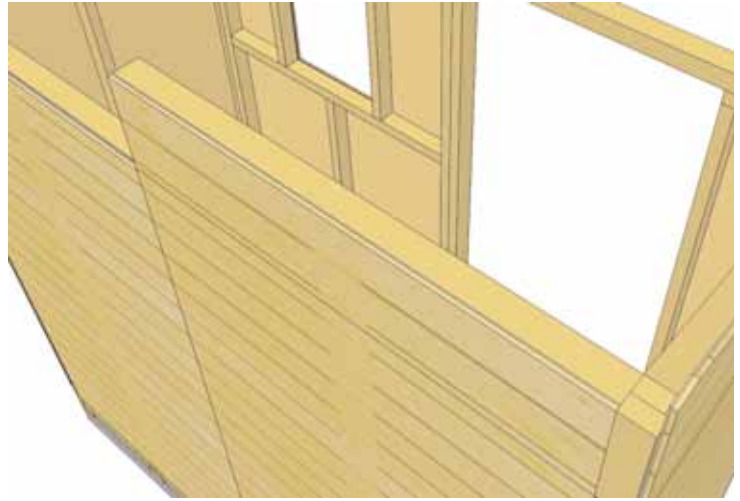
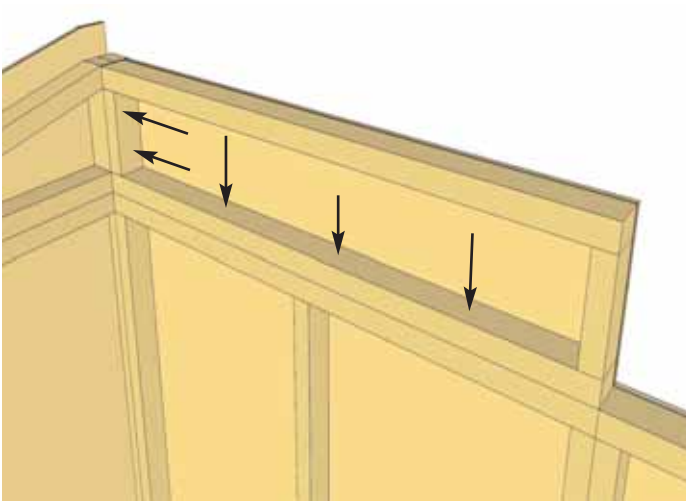


18. Secure as per **Step 12**.

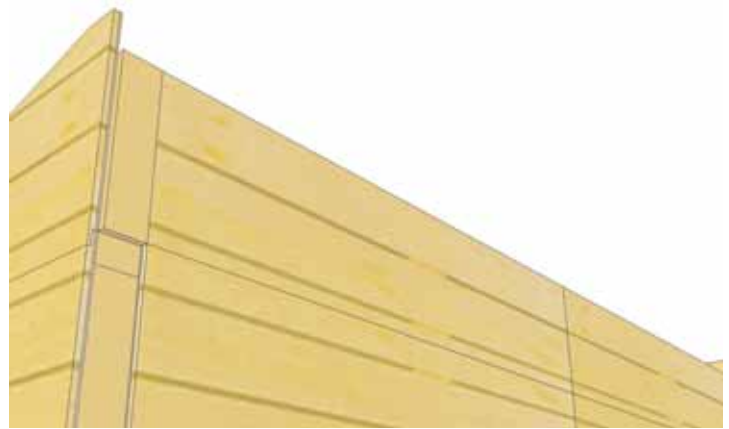
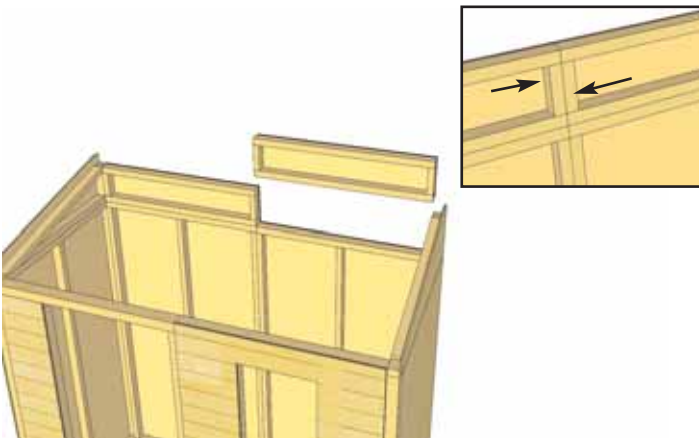
19. Locate 3" wide **Door Jamb** and place on wall stud to the right of door opening.



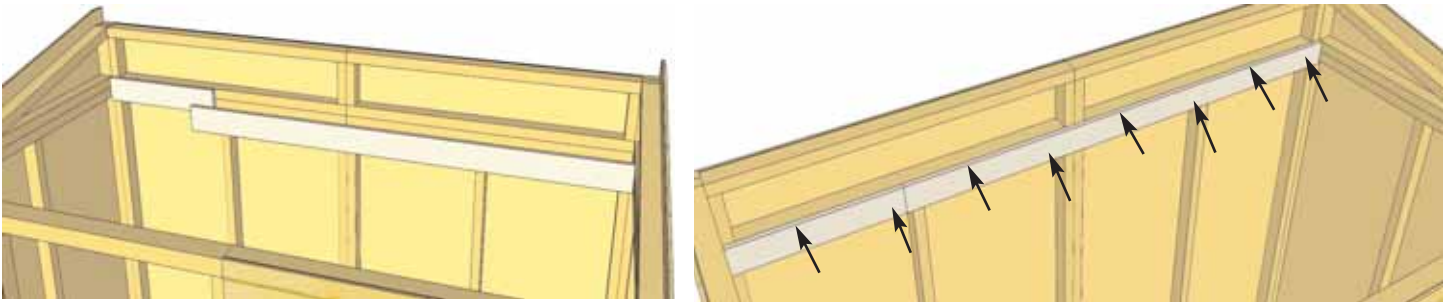
26. Locate one **Wall Extendor** and place on rear wall panel with lap siding of extendor overlapping that of the rear wall.



27. With 2x3 wall framing aligned, attach Wall Extendor to both the Angled Wall Extendor framing and the rear wall framing with 5 - 2 1/2" screws.

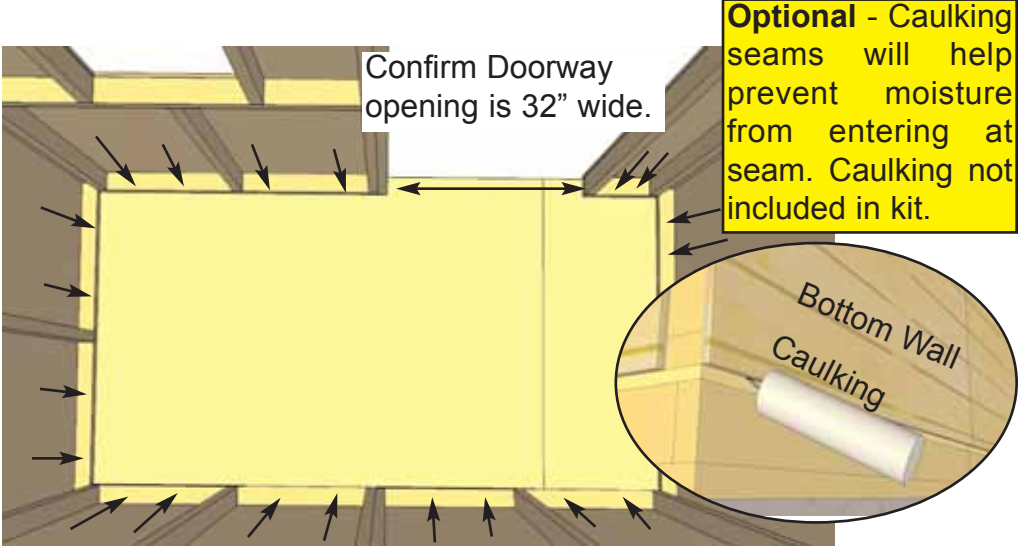


28. Position and secure 2nd Wall Extendor Panel as per **Steps 26 & 27**. Attach together with 2 - 2 1/2" screws.



29. Attach **Horizontal Wall Cleats** to Wall Extension bottom framing and Rear Wall top framing, so that cleat is flush with extension framing. There is a short and a long wall cleat. Alternate alignment of screws, so that half screw into Wall Extension Framing and half into Rear Wall Top Framing. Use 8 - 1 1/4" screws.

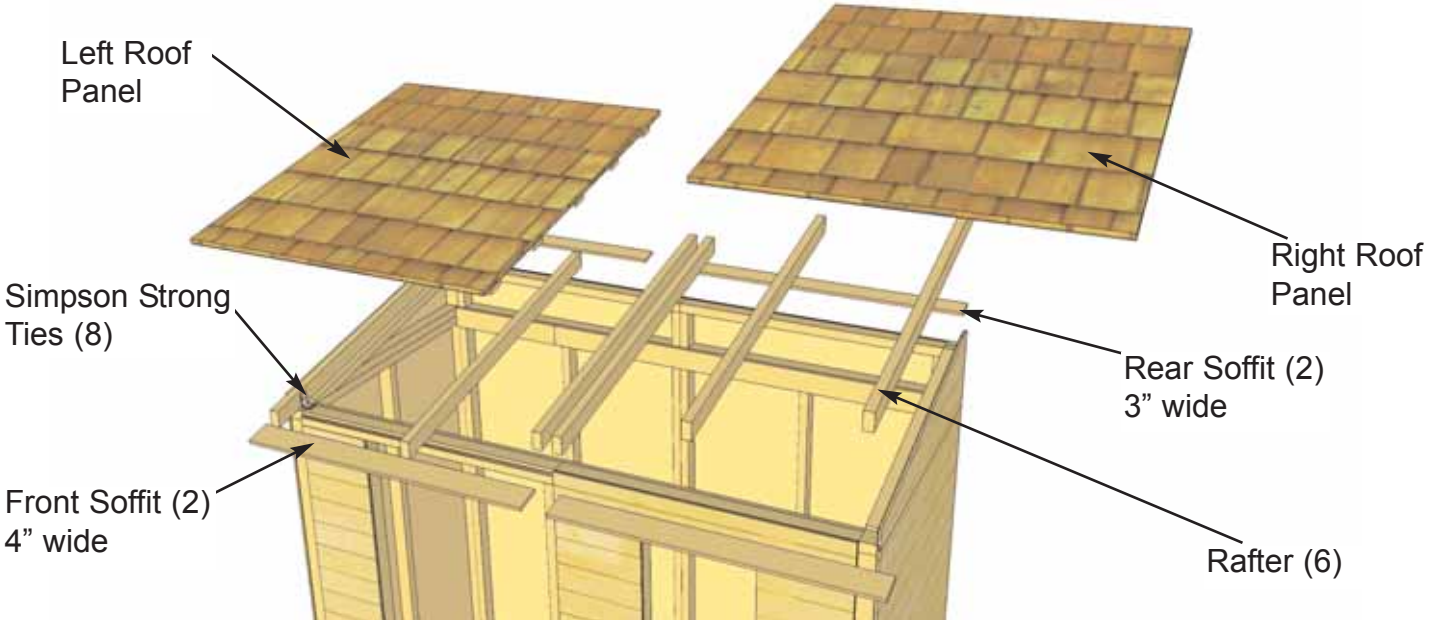
30. To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with 22 - 2 1/2" screws. Confirm Doorway opening is 32" wide. Prior to securing, make sure wall panels are aligned correctly on the floor. Refer to **Step 11**. Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.

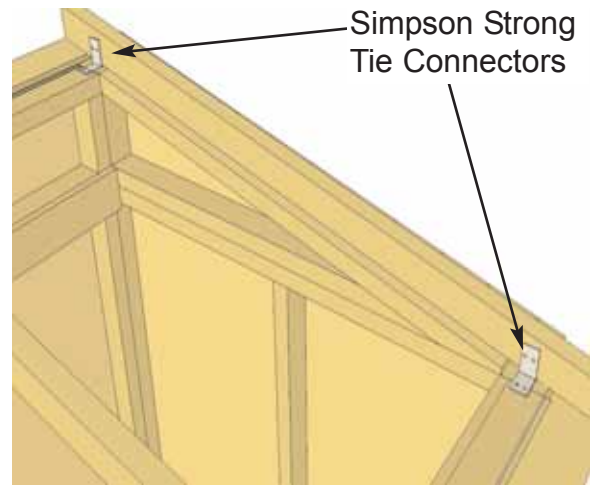
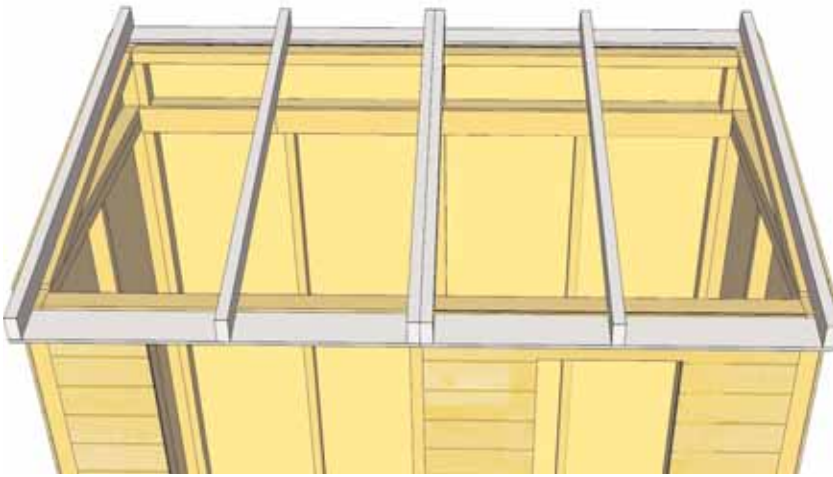


Optional - Caulking seams will help prevent moisture from entering at seam. Caulking not included in kit.

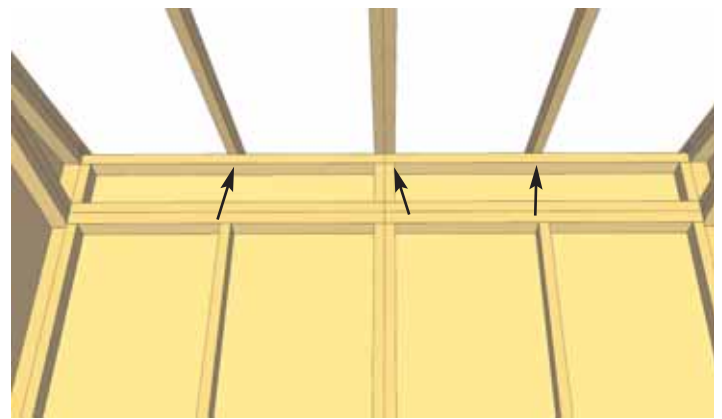
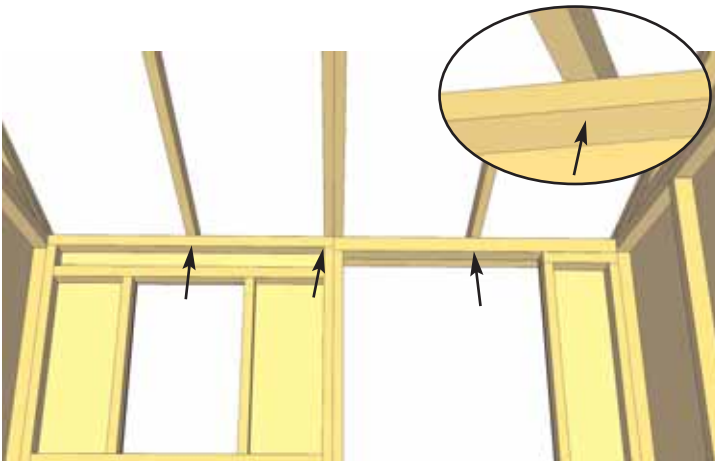
C. Rafter and Roof Section

Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting. 5 1/2" Wide Filler Shingles not shown in Illustration.

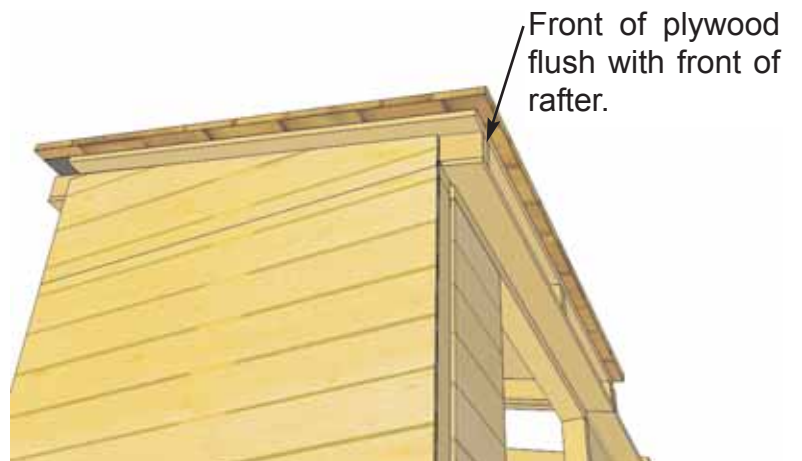
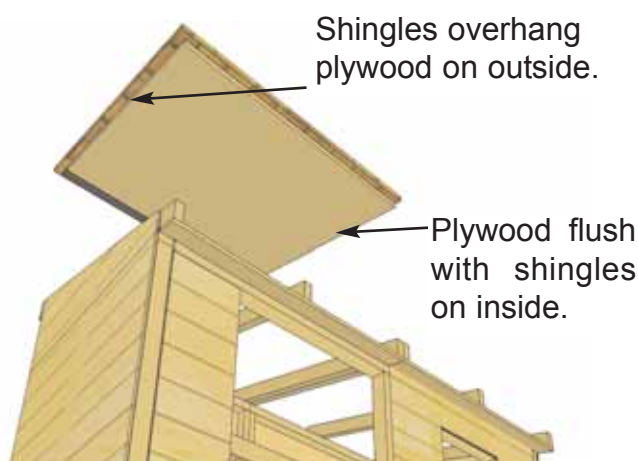




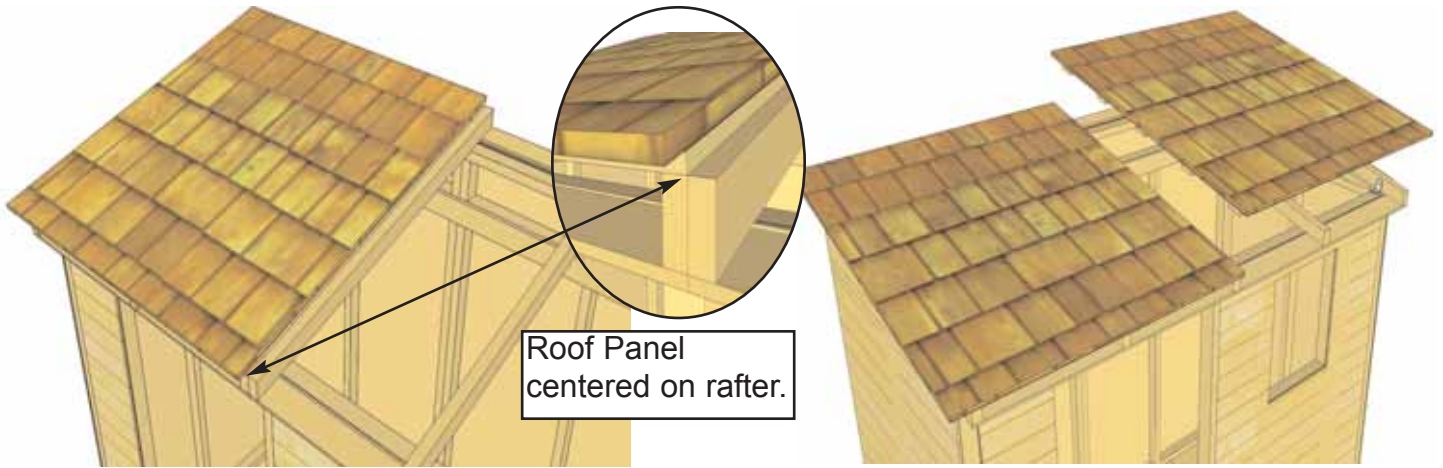
35. With Rafter Section correctly aligned, secure rafters to walls using **Simpson Strong Tie Connectors**. Start with outside rafters and secure 2 Strong Ties with 1 1/4" screws. Screw into Wall Extension Framing at the rear and the Wall Panel top framing at the front. Complete both sides.



36. With outside rafters properly secured, completely secure remaining interior rafters using 6 - 2 1/2" Screws. Screw into rafters from inside of Header at front of shed, and from inside of Extension Wall Framing at rear of shed.



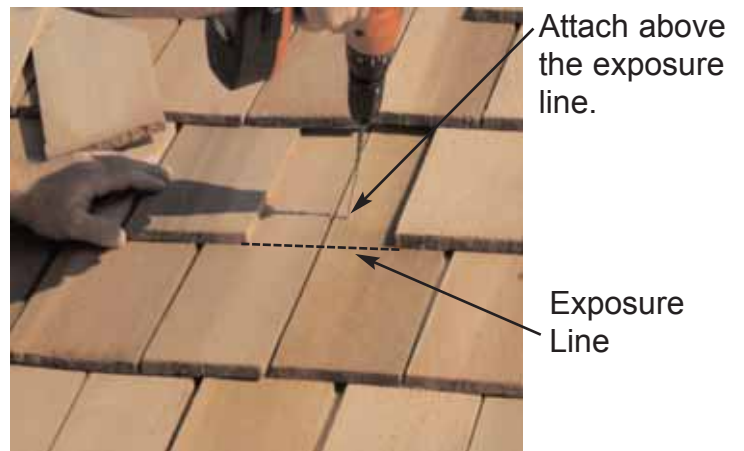
37. Correctly orientate Left Side Roof Panel with shingles overhanging the plywood on the outside left and shingles flush with plywood on the right. Place on rafters with front of plywood flush with front of rafter. **Note:** trimmed shingles on roof panel to back of shed.



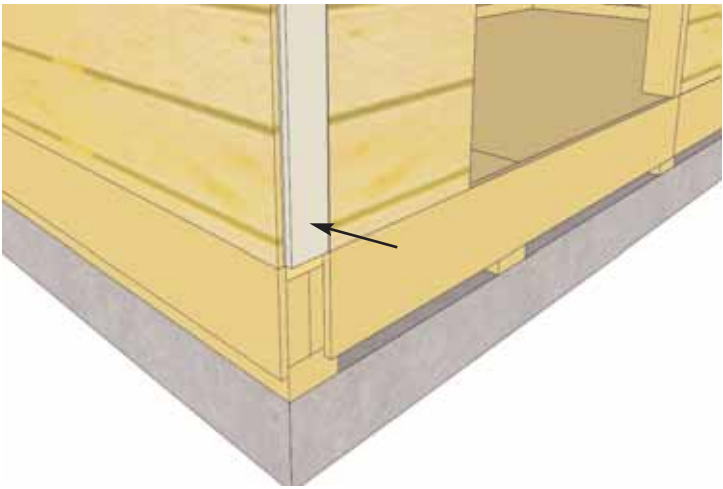
38. For correct Roof Panel position, align panel so plywood sits evenly on Center Rafters. Complete both Roof Panels.



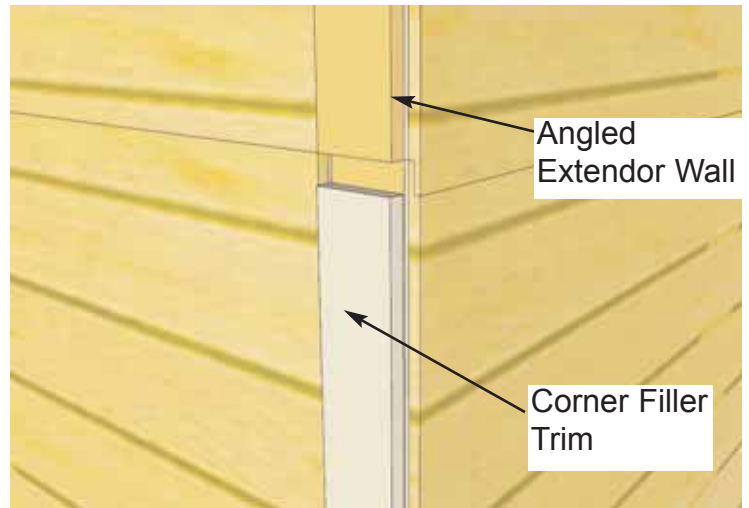
39. With Roof Panel aligned, screw panels down to center rafter with 2 - 2 1/2" screws in the bottom row of shingles. (1 screw per panel).



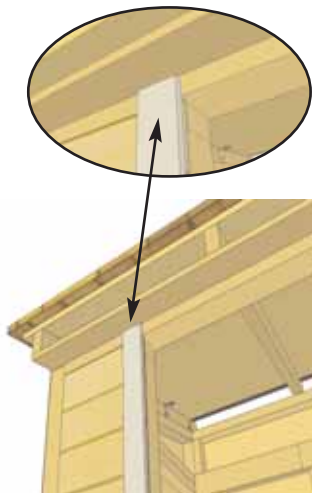
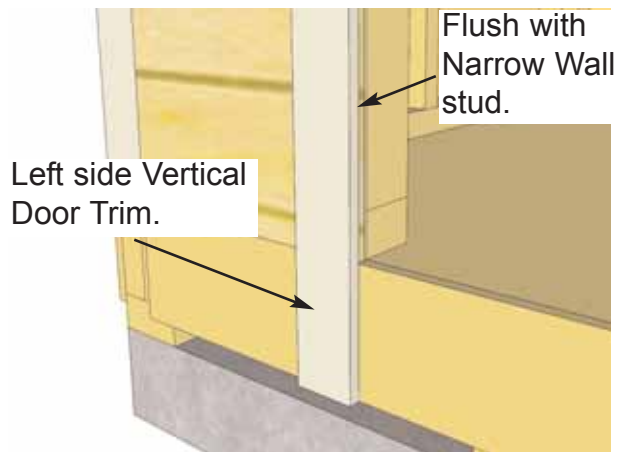
40. Roof **Filler Shingles** are included to cover roof seams. Starting at the bottom, slide the first Long shingle in until flush with other bottom shingles. Screw first filler shingle down to rafters using 1 - 2 1/2" screw per panel (2 in total). Make sure to screw into both rafters.



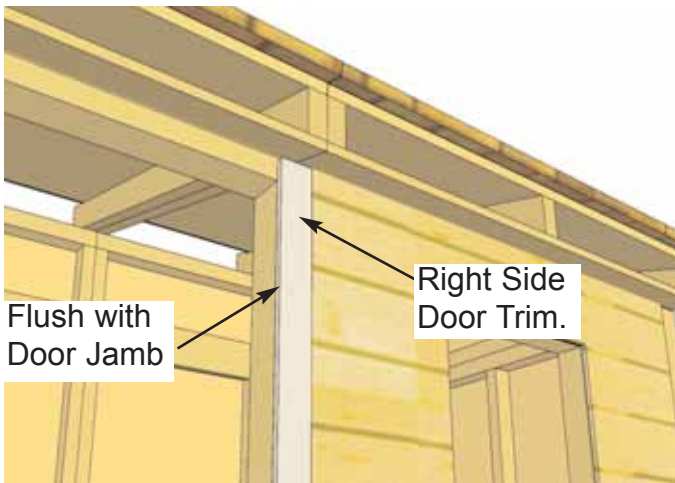
49. Attach **Corner Filler Trims** where gaps exist in front corners. Hammer with 8 - 1 1/4" finishing nails. Corner Fillers are positioned flush with front siding and to the top of the bottom skirting.



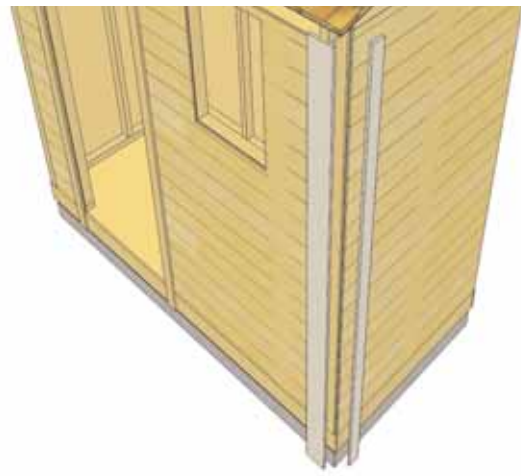
50. Position and attach Corner Filler Trims in the rear as per **Step 49**.



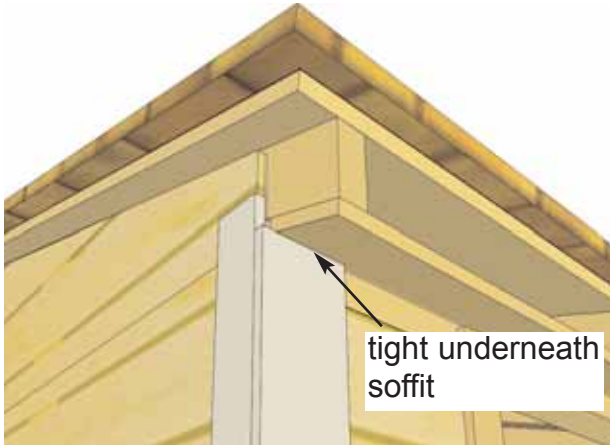
51. Locate **Vertical Door Trims** - (2 - 1/2" x 2 1/2" x 78 3/4"). Position Door Trim flush with outside narrow wall stud. Trim should be aligned tight underneath Soffit. Attach with 8 - 1 1/4" finishing nails.



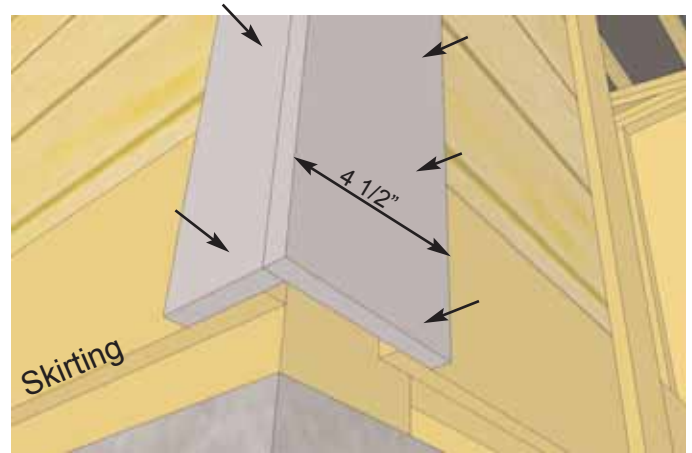
52. Position Right Side Door Trim flush with door jamb. Attach with 8 - 1 1/4" finishing nails.



53. To completely trim out front corners, locate a **Front Side Corner Trim** - 1/2" x 2 1/2" x 80" and a **Front Corner Trim** - 1/2" x 4 1/2" x 78 3/4".



54. Place both trims in front corner and align as illustrated above. Do a dry run prior to attaching to achieve best fit. Start with 4 1/2" wide Front Corner Trim and align tight underneath soffit to determine vertical height. Attach with 8 - 1 1/4" finishing nails per piece. Position and attach Front Side Corner Trim (2 1/2" wide) using 8 - 1 1/4" nails.



55. To completely trim out rear corners, locate **Rear Trim** - 1/2" x 2 1/2" x 88 3/4" and a **Rear Corner Trim** - 1/2" x 4 1/2" x 88 3/4". Align and attach as per **Step 54**.

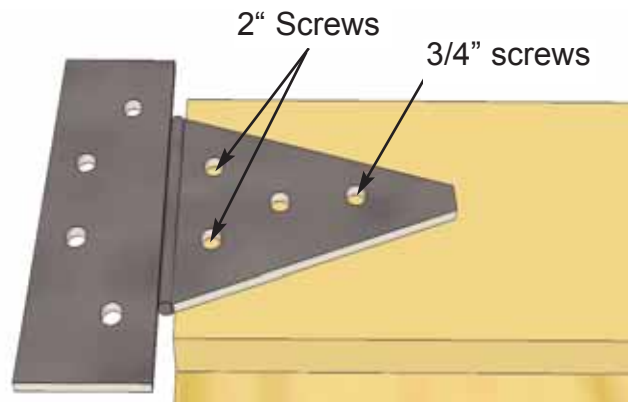
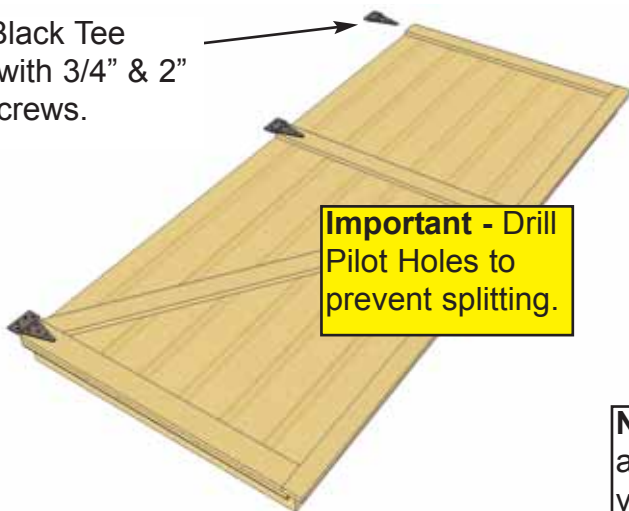


56. Attach **Middle Trim** - 1/2" x 2 1/2" x 88 3/4" where wall panels come together at rear seam. Attach with 8 - 1 1/4" finishing nails aligning flush with bottom skirting.



57. To complete trimming of your SpaceSaver, attach both the **Horizontal Door Trim** and **Horizontal Narrow Wall Trim** with 4 and 2 - 1 1/4" finishing nails. Place trim flush up against Soffit.

Attach Black Tee Hinges with 3/4" & 2" Black Screws.



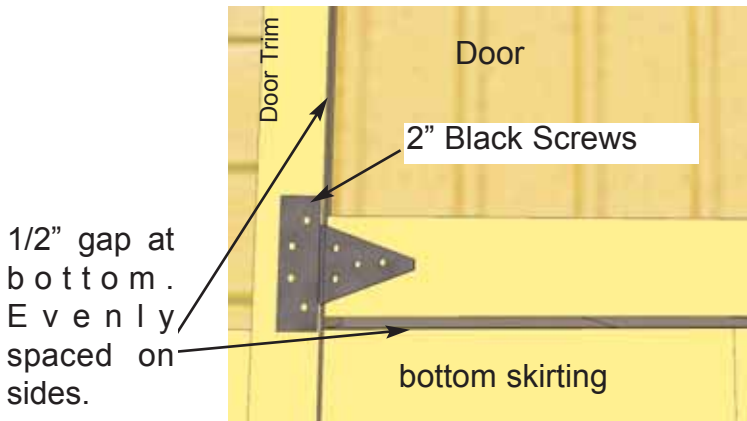
Note: illustration of Hinge may not be accurate. The # of screw holes in the hinge may vary from three to four depending on model.

58. Attach **Door Hinges** to **Door Panel** trim. Position Hinges equally on door trim as shown above and attach with Black 3/4" and 2" screws.



Use Shim Shingles to gap door correctly.

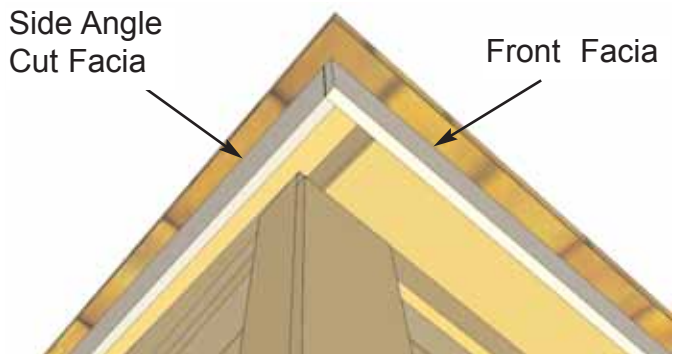
59. With Hinges attached, position door in opening. Use Shim Shingles to establish gap.



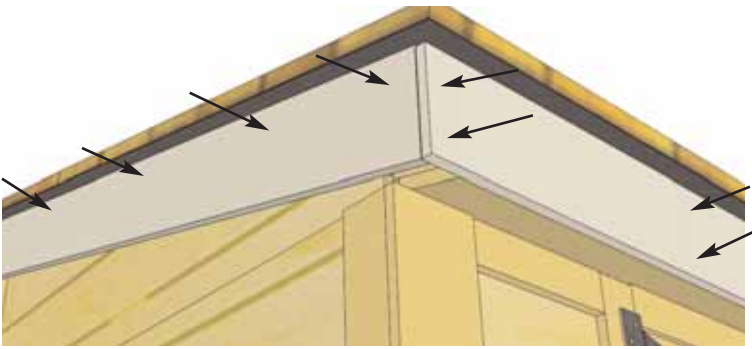
60. Position Door Panel with a 1/2" gap on bottom, and evenly spaced on sides. Attach bottom Hinges to Narrow Trim with 2" black screws. Use extra piece of siding to help keep the door evenly spaced on bottom. See **Step 61** for gap at top. **Hint:** Do not attach all the 2" screws until both doors are positioned correctly. Use a Screw Driver to tighten screws completely.

Important - Drill Pilot Holes to prevent splitting.

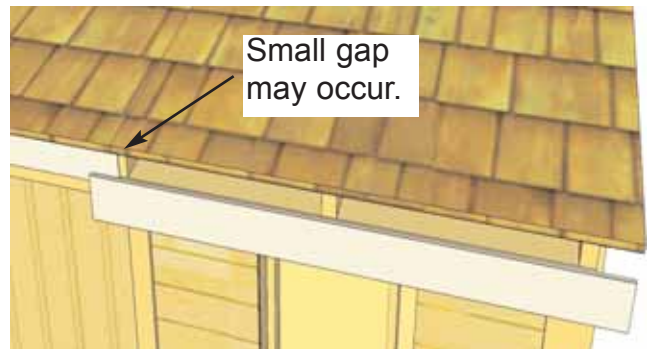
61. Make sure Door Panel is aligned evenly at top and edge. When aligned correctly, attach top and middle hinges to narrow trim with hinge hardware provided.



62. Locate and identify all Facia pieces. **Front Facia** is 4" wide while **Rear Facia** is 4 1/2" wide. **Side Angle Cut Facia** is angle cut on both ends. In front corner, align side and front Facia together.



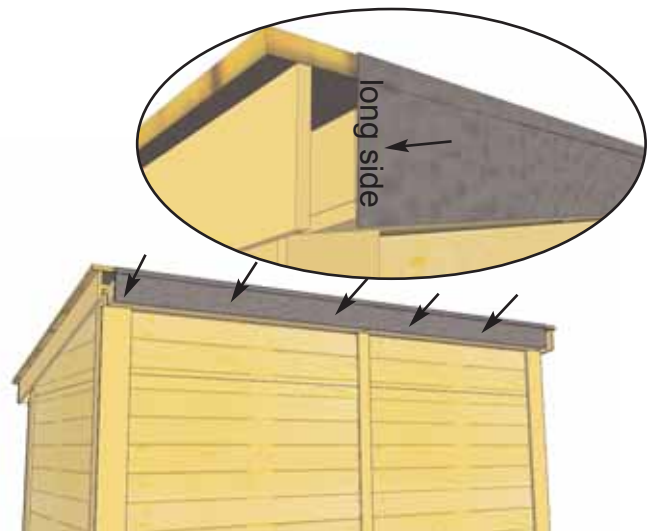
63. With Side Angle Cut Facia correctly aligned, attach Front Facia to rafter ends with 6 - 1 1/4" finishing nails per piece. Attach Side Angle Cut Facia to plywood ends with 4 - 1 1/4" nails. Attach next piece of Front Facia.



64. Align second front/side facia as per **Step 63**. **Note:** A small gap may occur where front facia meet. This will be covered by Facia Detail Plate in **Step 73**.



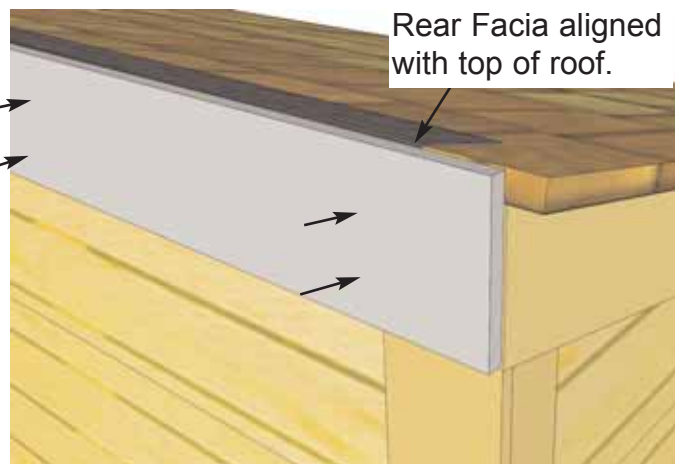
65. Locate 8" wide x 96" long **Roofing Felt** and make a 3 3/4" wide fold along the 96" length. Place on top of roof shingles evenly spaced between outside rafters and secure with 4 - 1 1/4" nails.

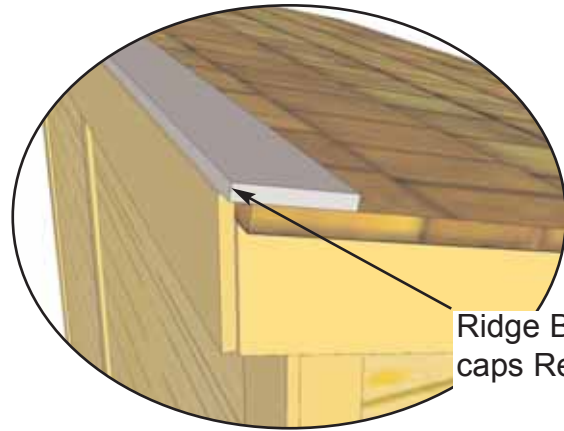
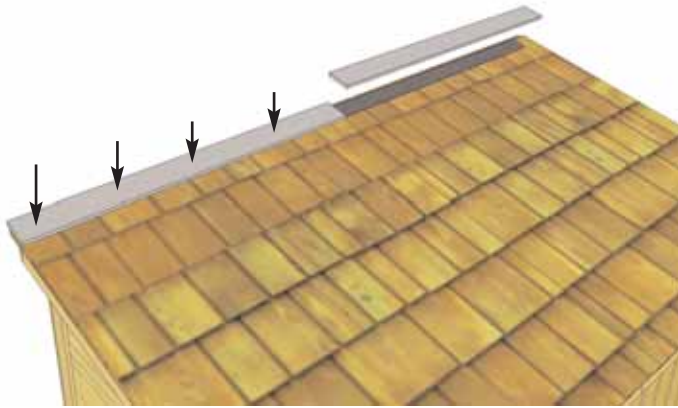


66. Nail Roofing Felt down with 1 1/4" nails to ends of rafters. Roofing Felt will slightly overhang rafters.



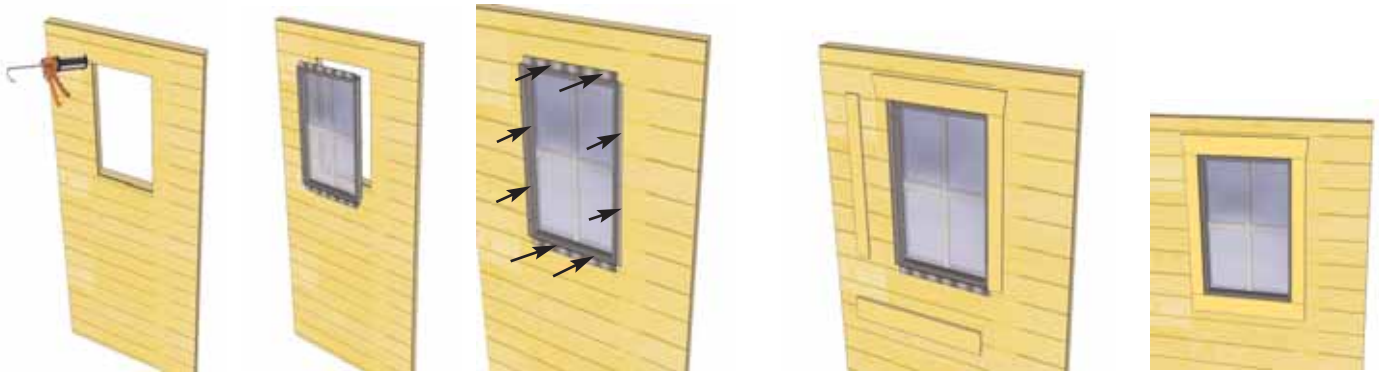
67. Locate **Rear Facia** (4 1/2" wide) and align with top edge of roof shingles. Attach facia to rafter ends with 6 - 1 1/4" finishing nails per piece. Complete both Rear Facia pieces.



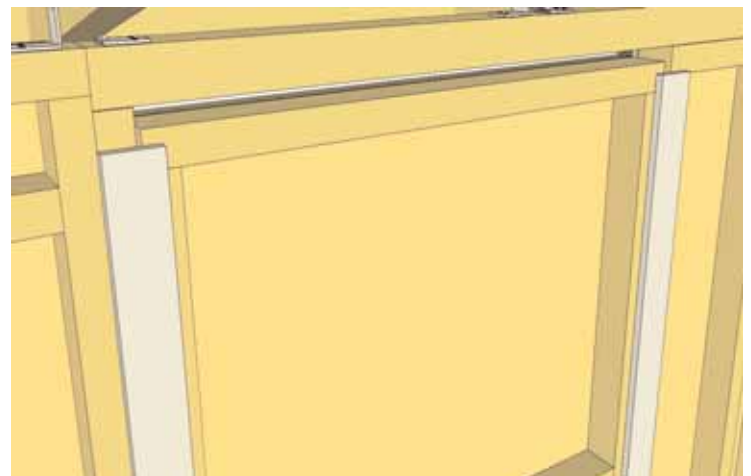
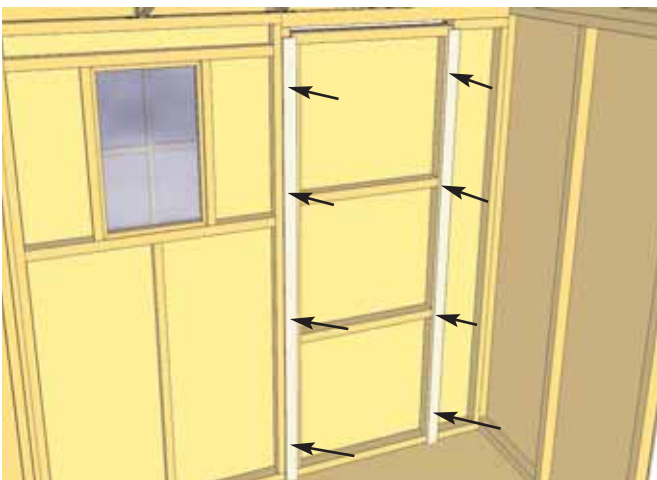


Ridge Board caps Rear Facia.

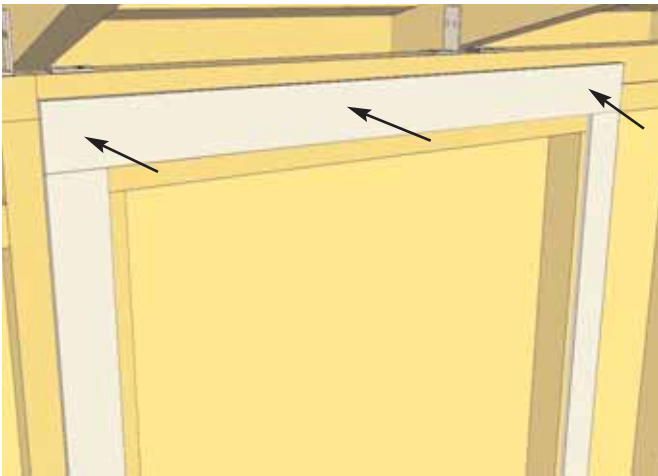
68. Position first **Roof Ridge Board** at the rear of roof to cap off shingles and facia. Ridge Board should meet on seam of roof panel. Ridge Board should also completely cover Roofing Felt. When aligned correctly, attach with 4 - 1 1/4" nails.



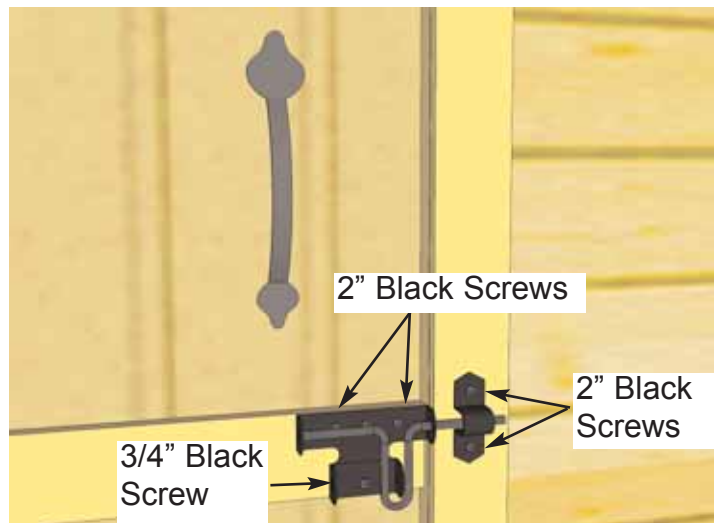
69. Locate **Window Insert and Window Trim Package**. Before installing, run a bead of caulking around window opening perimeter. Position window in cavity and secure with 8- 1 1/4" screws. Position Window Trim around window doing a dry run first and attach with 4- 1 1/4" finishing nails per piece. **Trim Sizes = 1 x 24 1/16" = top / 3 x 23" = Sides & Bottom.**



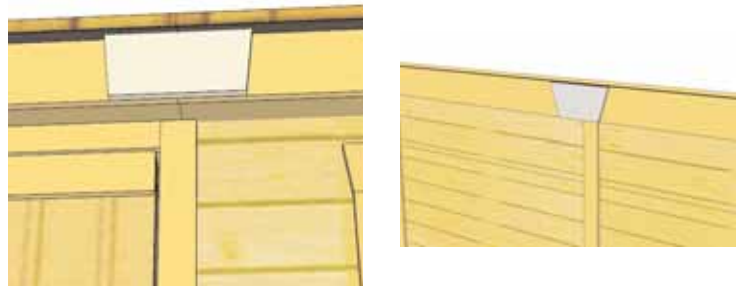
70. Attach Interior **Door Stops** to door framing from inside of shed. Start by securing both **Vertical Door Stops**. Use **Horizontal Door Stop** to help determine distance between vertical stops. See **Step 71** for detail. Use 4 - 1 1/4" screws to secure each Stop. Stops should overlap door by approximately 1/2".



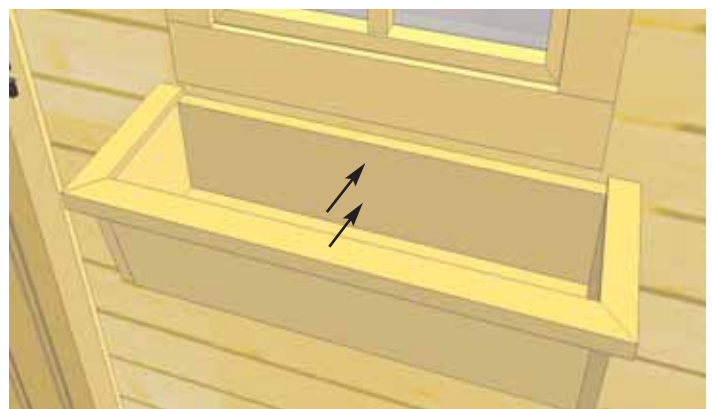
71. Attach Horizontal Door Stop to Door Header with 3 - 1 1/4" screws.



72. Attach **Black Barrel Bolt** as illustrated above with 2" & 3/4" Black Screws. Note how female part of Barrel Bolt is positioned higher than male. Do a dry run first to position Barrel Bolt correctly. **Important** - Drill pilot holes with 1/8" drill bit prior to securing with screws to prevent wood splitting. On 3/4" screw, drill shallow pilot hole only.

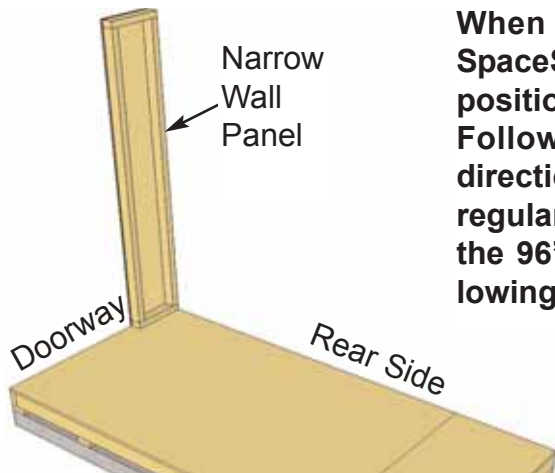


73. Attach **Facia/Detail Plates** to cover seams where Front and Rear Facia pieces come together. Secure 4 - 1 1/4" finishing nails. **Note:** Rear Facia Detail Plate is slightly larger.

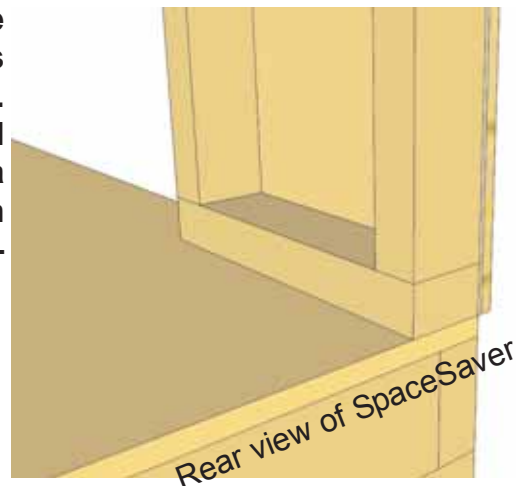


74. Assemble **Flower Box Kit** with Assembly Instructions found in Flower Box Kit. Position completed Flower Box below bottom of window trim and secure with 2 - 2 1/2" screws. Screw from inside of box into the center wall stud. Attach second screw 2" underneath first screw and once again into the wall stud.

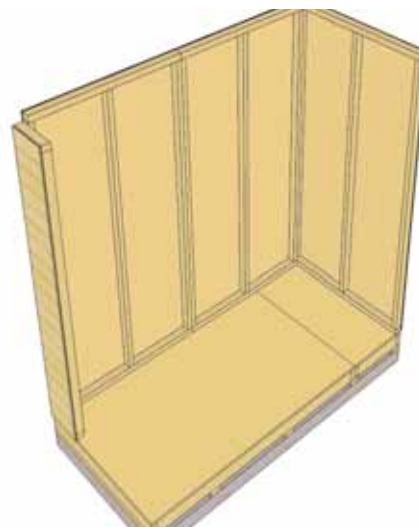
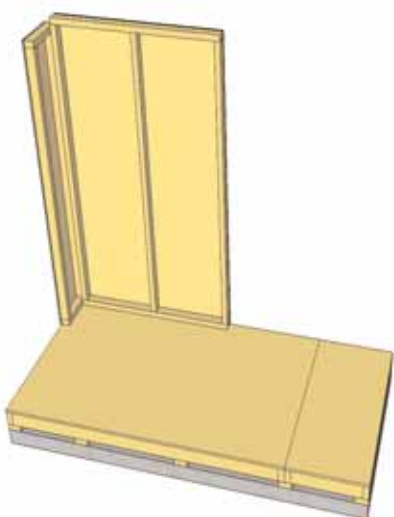
Alternate Door Configuration (Door on 45 1/2" side).



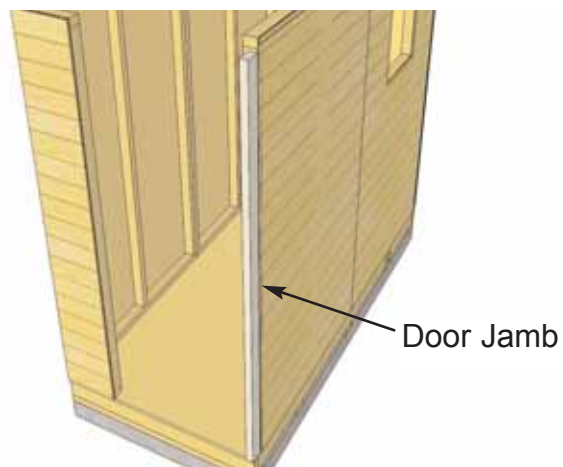
When configuring the SpaceSaver so the Door is positioned on the 45 1/2" side. Follow the general directions in this manual for a regular door configuration on the 96" side and note the following differences.



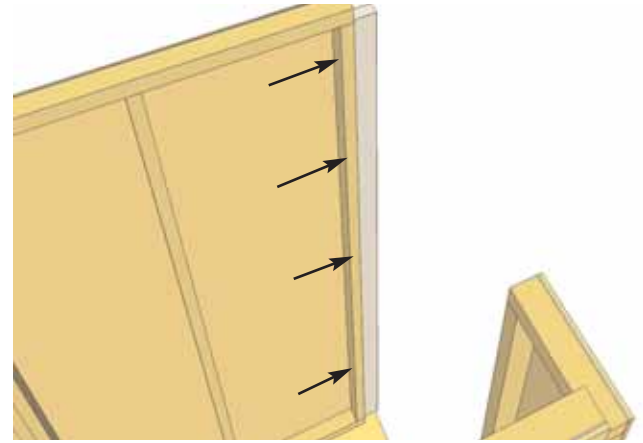
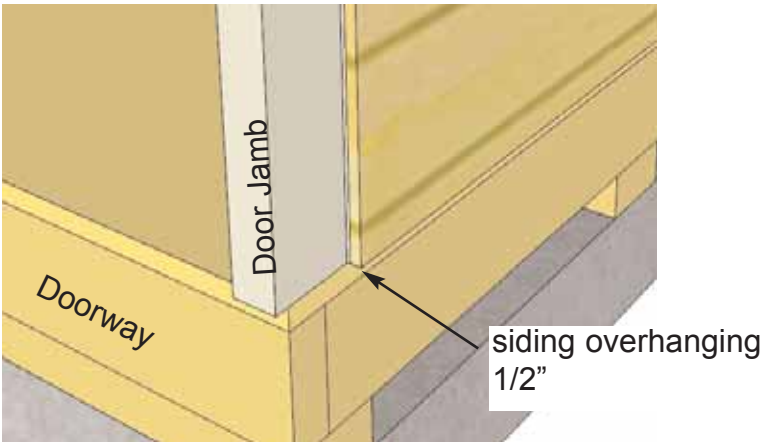
A. Starting in rear corner, position the Narrow Wall Panel bottom framing so it sits flush with plywood. Wall siding will overhang the floor by 1/2". **Note:** make sure to use the Larger Floor Panel on the same side as doorway.



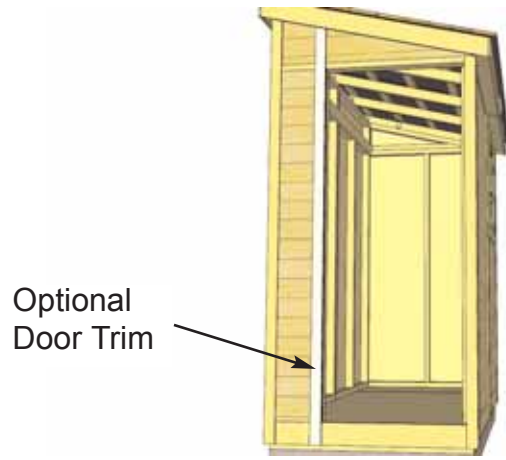
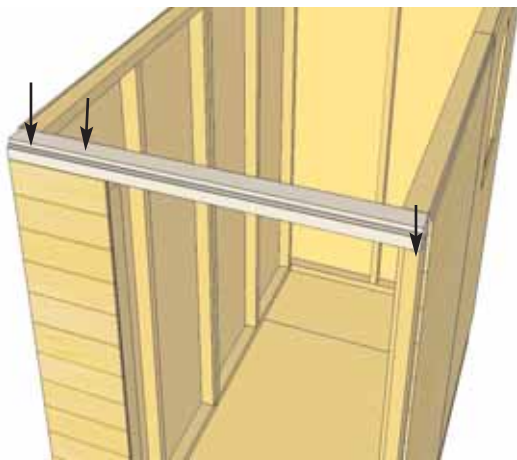
B. Follow sequential **Steps 11-15** in the wall section for regular configuration to position and secure wall panels.



C. With walls positioned and attached together, locate Door Jamb and orientate on wall stud.

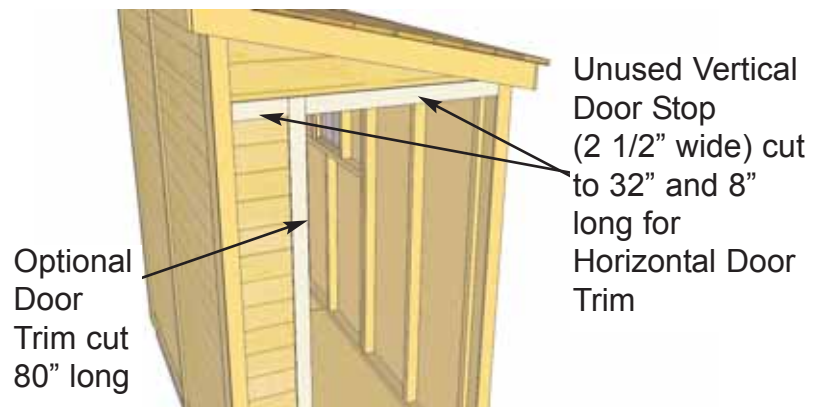
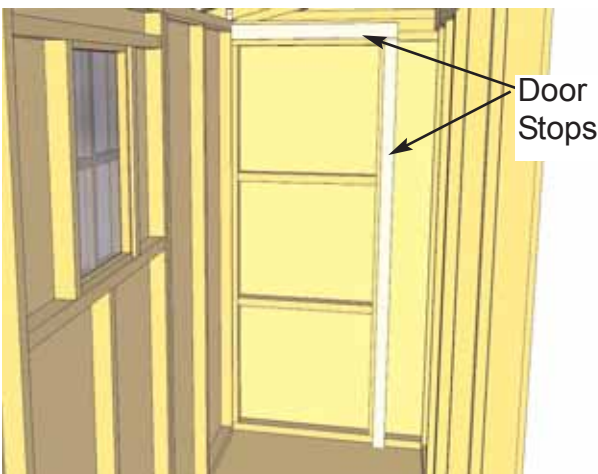


D. Align Door Jamb so Flush with bottom of wall framing. Wall siding will overhang 1/2" on outside. Jamb will overhang floor by 1/2". When correctly aligned, attach Door Jamb to wall stud with 4 - 2 1/2" screws.



E. Position and attach the **Door Header** to Door Jamb and Narrow Wall Panel top framing. Header should sit flush with Door Jamb and Outside of Narrow Wall Panel Siding. Attach with 3 - 2 1/2" screws.

F. Align and secure Optional Door Trim (1/2" x 2 1/2" x 88 3/4"). Position on left side flush with outside narrow wall stud. Trim should also be aligned flush with bottom skirting. Attach with 8 - 1 1/4" finishing nails. See **H.** for alternative method. See **Step 51** to finish Door Trim.



G. Attach 1 Vertical and Horizontal Door Stop. See **Step 70** for detail.

H. Alternatively, you may trim door out using unused Vertical Door Stop. Cut to 8" and 32" lengths. Cut the Optional Door Trim down to 80" and attach as per **Step 57**.



Completed 8x4 Sag Harbor Shed



Note: Our Sheds are shipped as unfinished products. If exposed to the elements, the western red cedar lumber will weather to a silvery-gray color. If you prefer to keep the cedar lumber looking closer to the original color, we suggest that you treat the wood with a good oil based wood stain. You may also wish to paint your new shed rather than stain it. In both cases we recommend that you consult with a paint and stain dealer in your area for their recommendations.



We value your feedback and would like to hear back from you on how well we are doing in the following areas:

1. Customer Service
2. On Time Shipping
3. Motor Freight Delivery
4. Quality of Materials
5. Assembly Manual
6. Overall Satisfaction.

Please call, write or email us at:

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