

8x4 SpaceSaver Garden Shed Assembly Manual

Revision #1
May 2007

Thank you for purchasing a 8x4 SpaceSaver 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 Outdoor Living Today Partnership and any Authorized Dealers free of any liability for improper installation, maintenance and repair.

Important - If you receive a broken or missing part. Please contact our Customer Service Center immediately @ 1-888-658-1658 for assistance.

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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 Extensions
- 2 - 43 3/4" Angled Gable Walls
- 4 - 1 1/2" x 2 1/2" x 45 1/2" Wall Plate
- 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)
- 5 - 1 1/2" x 2 1/2" x 54" Rafters – Drilled on edge
- 2 - 1/2" x 4" x 48" Front Soffit
- 2 - 1/2" x 3" x 48" Rear Soffit
- 4 - Filler Shingles 6" Wide (One trimmed for top row)

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 1/2" 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 1 3/4" x 8" Horizontal Narrow Wall Door Trim
- 2 - 1/2" x 4" x 51 5/8" Roof Ridge Board
- 1 - Detail Facia Plate
- 1 - Window Insert
- 1 - Flower Box
- 2 - 1/2" x 2 1/2" x 72" Interior Vertical Door Stops
- 1 - 1/2" x 2 1/2" x 35 1/4" Interior Horizontal Door Stop
- 1 - 45 1/4" Spare Piece of Siding

Hardware Package

- 3" screws-
- 2.5" Screws -
- 2" Screws -
- 1.25" Screws -
- Finishing Nails
- 1.5" Black Screws for Door Hinges to Door Trim Connection
- 20 - Simpson Strong Tie Roof Connectors
- 3 - Black Tee Hinges - 3/4" Black Screws for Door Hinges incl.
- 1 - Black Barrel Bolt
- 1 - Pull Handle

Tools Required:

- Work Gloves
- Screw Gun with square drive bit and drill bits
- Level
- 2 Large Ladders
- Hammer
- Safety Glasses

Important:

The SpaceSaver 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.

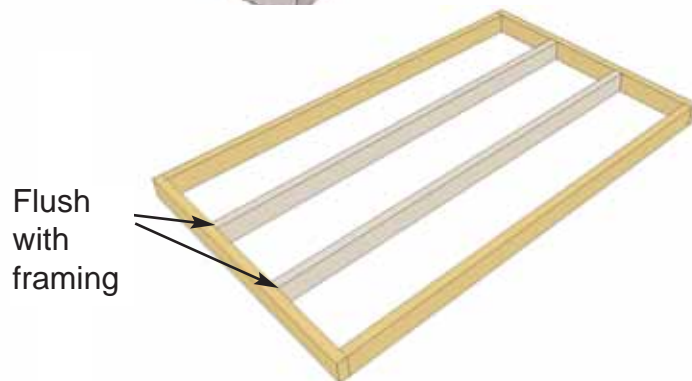
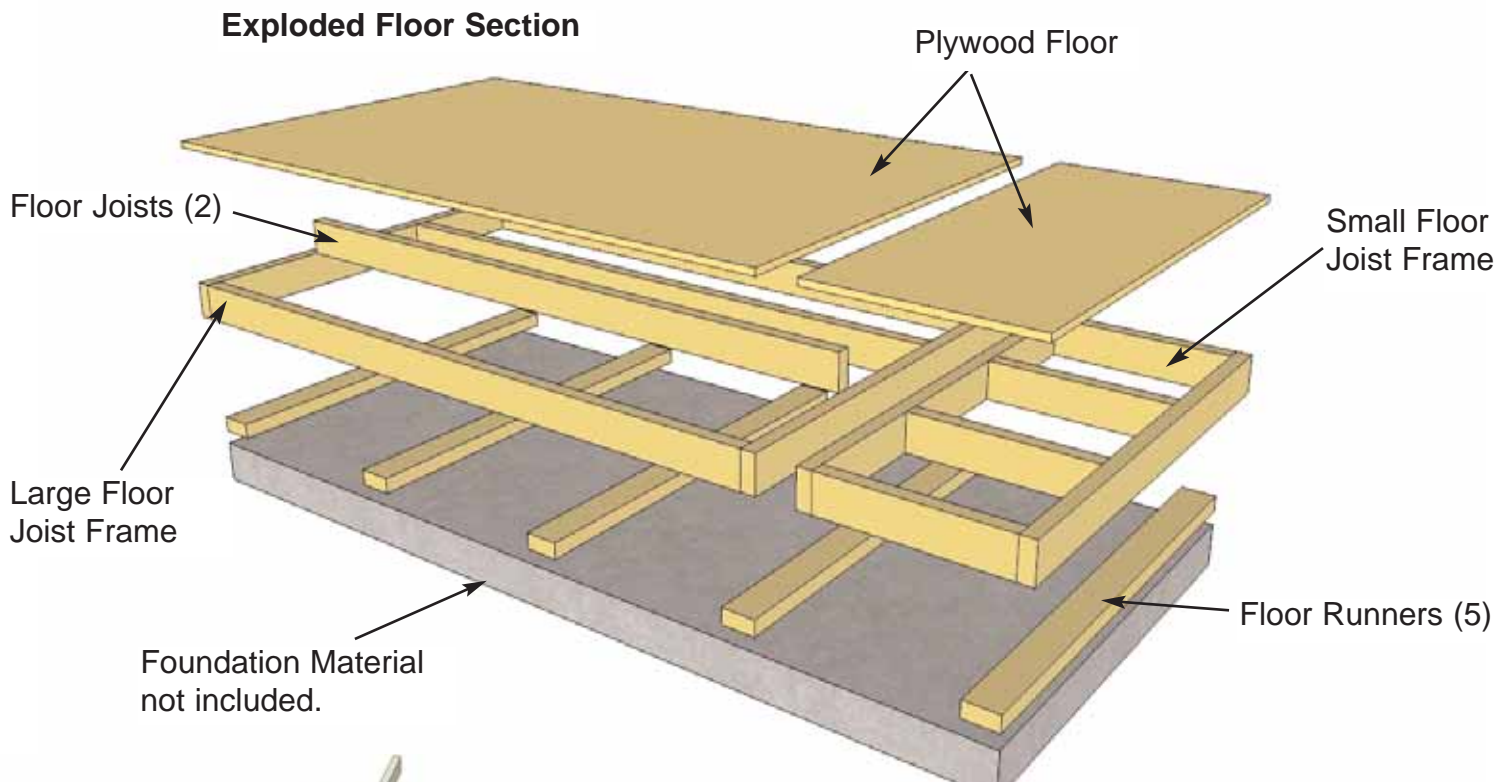
If you choose to configure with Door on end (45 1/2" side) , please refer to end of the Assembly Manual for required changes necessary to correctly assemble.

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 purchasers preference.

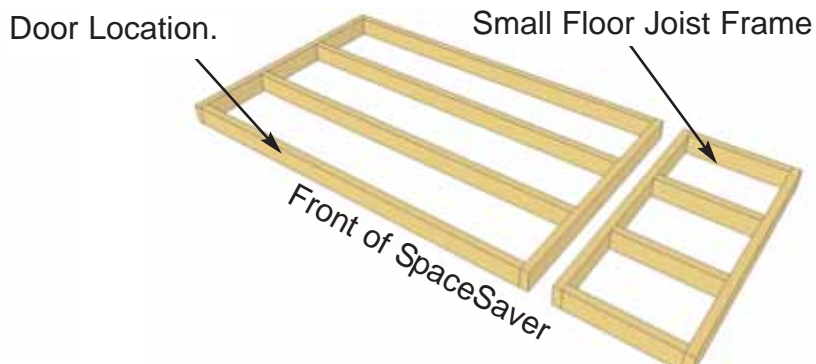
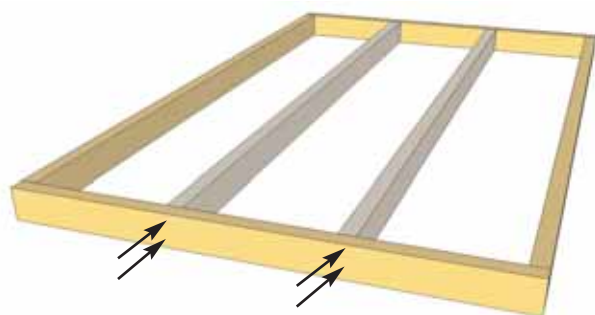
A. Floor Section

Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting.

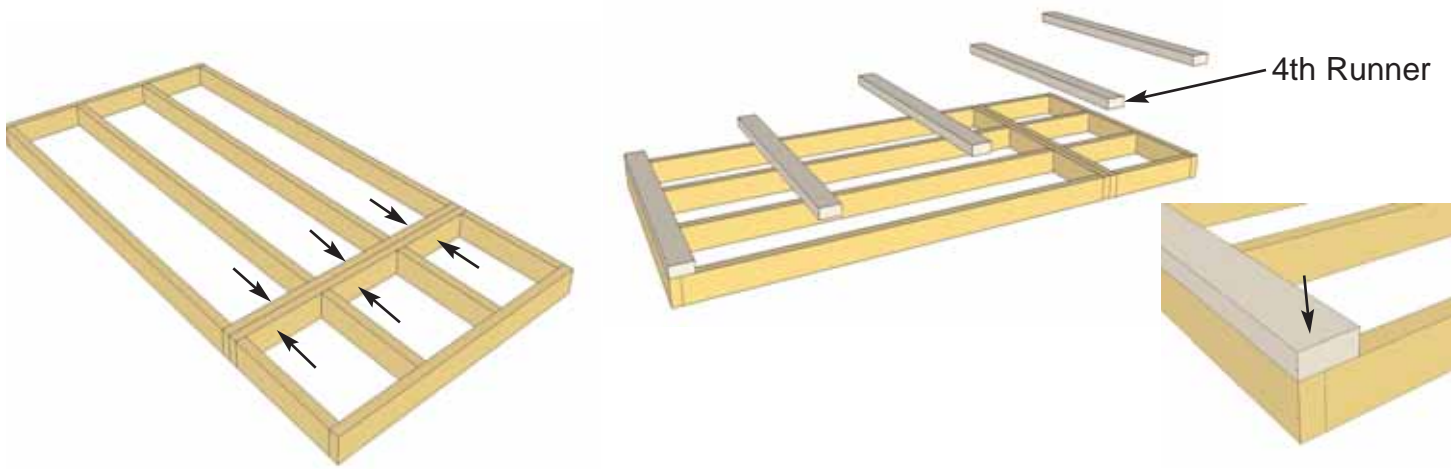
Note, Floor Footprint is 96" wide x 45 1/2" deep.



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 so flush with framing.

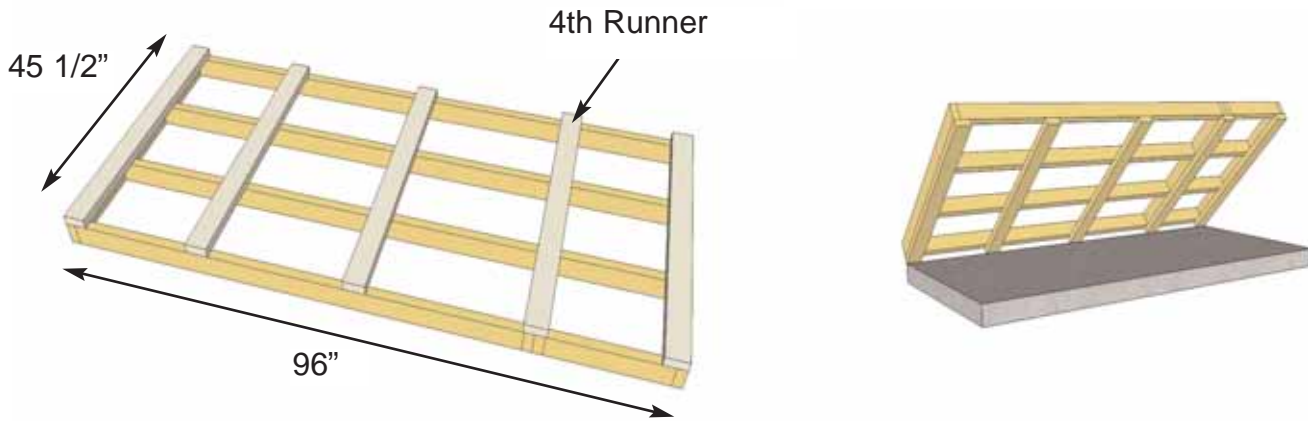


2. When correctly positioned, attach each Joist with 4 - 2 1/2" screws (2 per end). If door location to be on left, position Small Floor Joist Frame to right. Reverse if opposite.



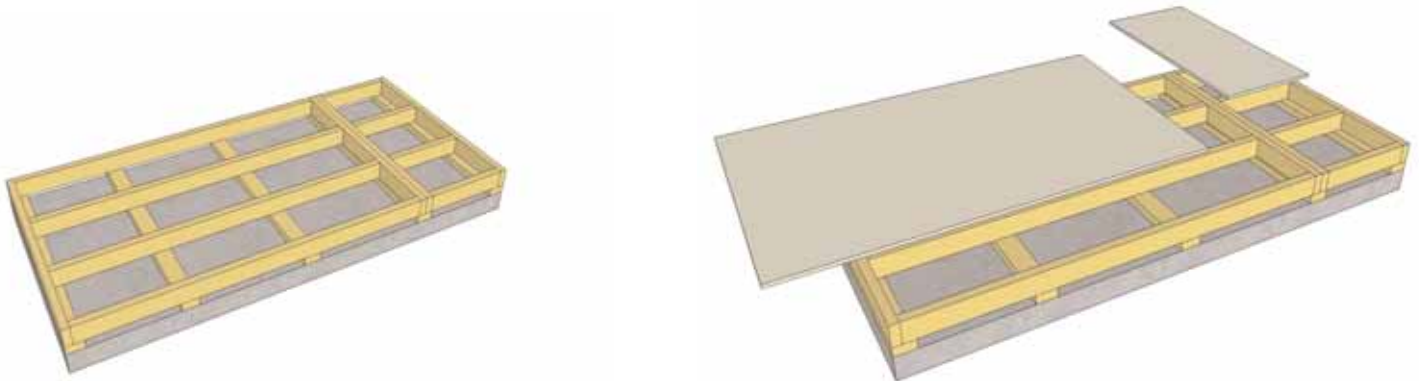
3. With Floor Joist Frames positioned together flush, attach with 6 - 2 1/2" screws.

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



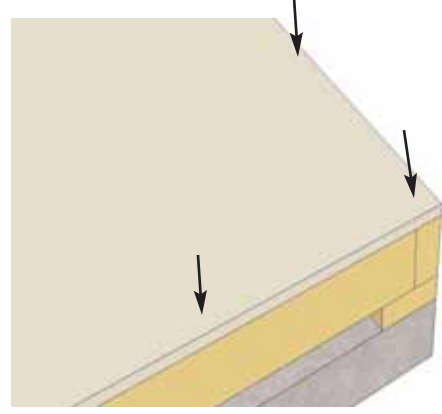
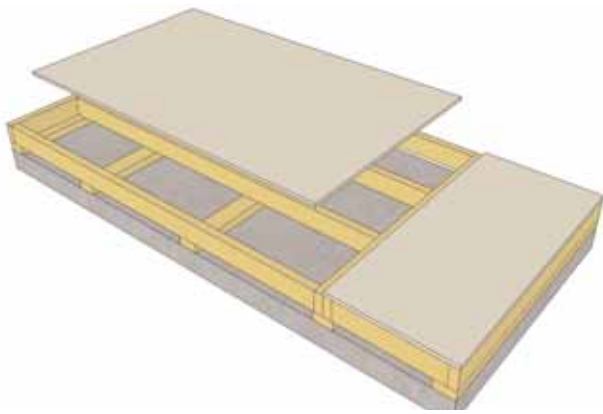
5. With Floor Runners attached, carefully flip the floor over and place on your foundation.

Caution- you will 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.



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

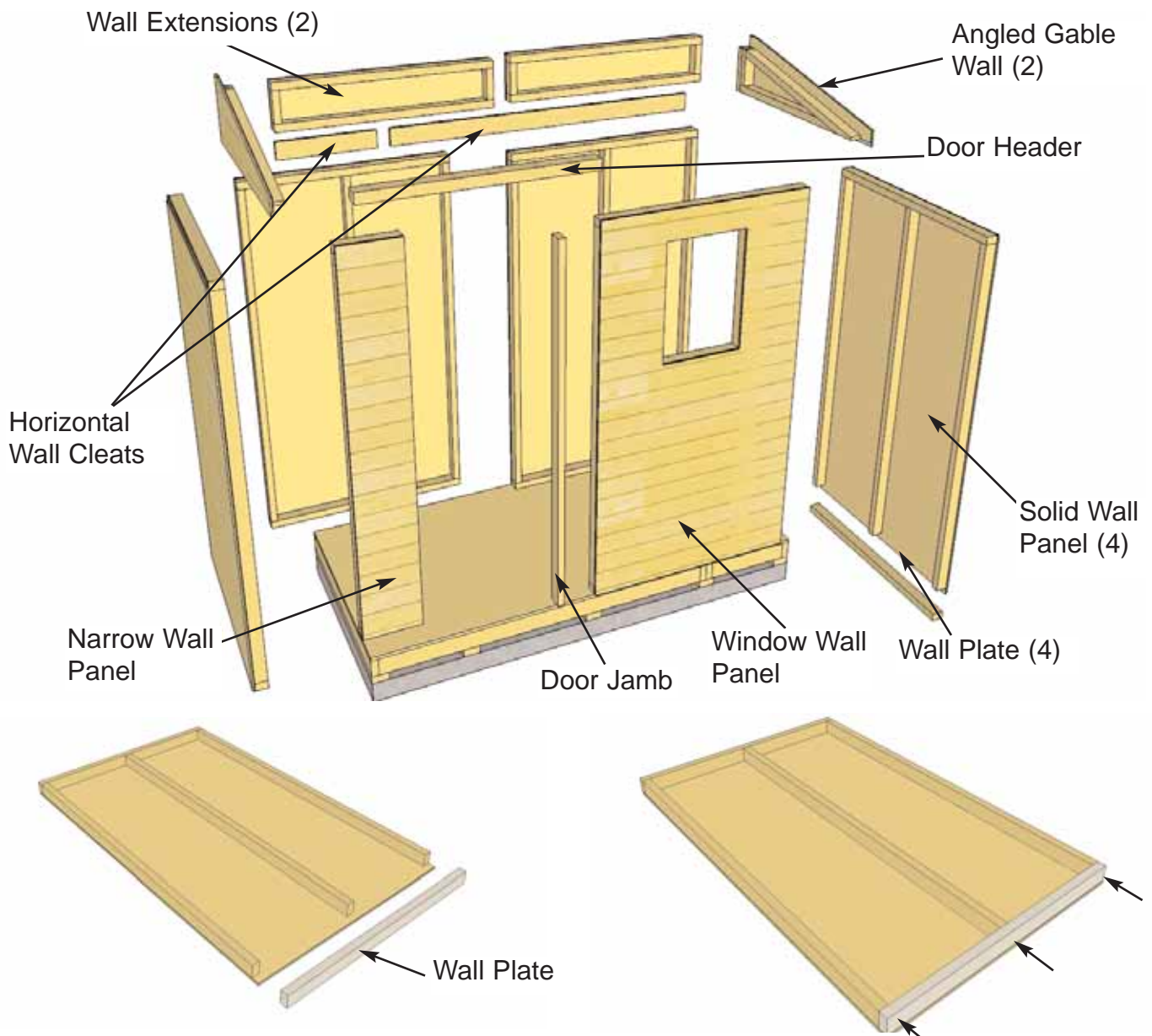
7. Position **Plywood Floor** pieces (2) on top of completed floor joists.



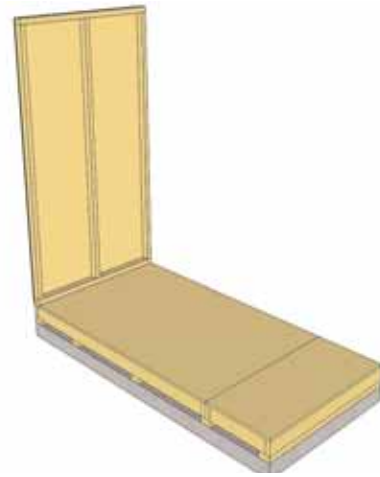
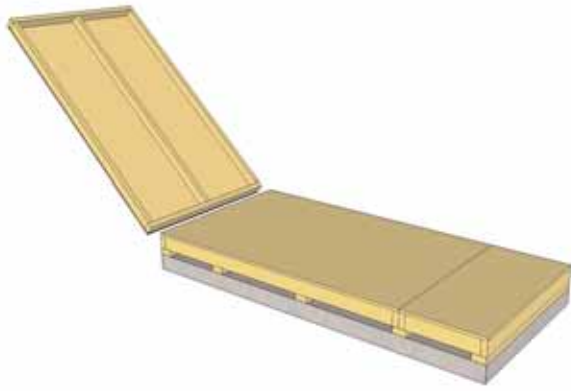
8. Position Plywood so it sits flush with outside of floor joist framing. When correctly positioned, attach to all floor joists with 1 1/4" screws. Use screws every 16".

B. Wall Section

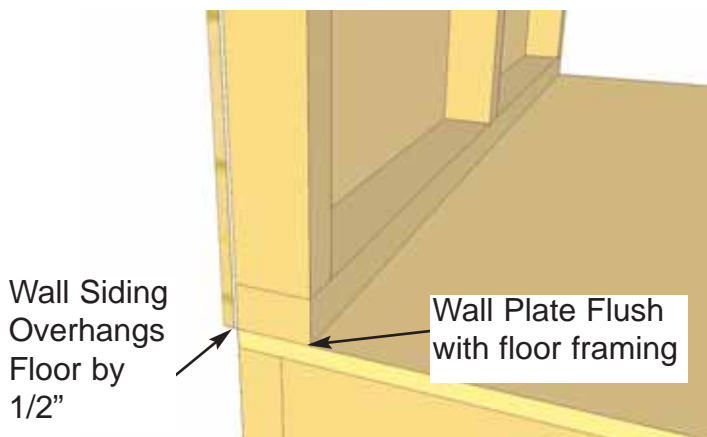
Exploded view of all parts necessary to complete the Wall Section. Identify all parts prior to starting.



9. Locate 4 **Solid Wall Panels** and 4 **Wall Plates**. Attach Plates to bottom of wall studs of each wall panel with 6 - 2 1/2" screws. Position so plates are flush with framing.

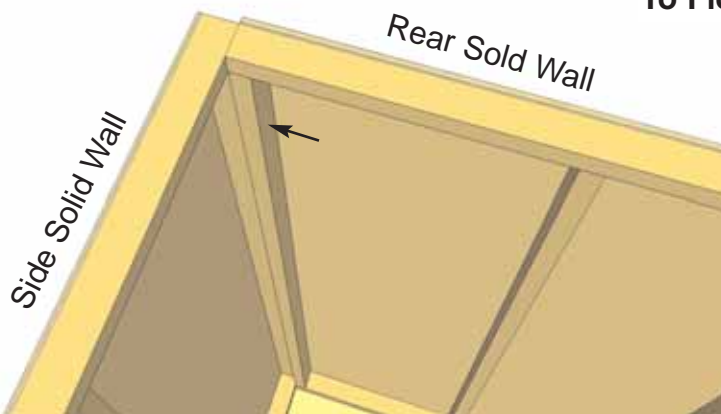


10. Starting on Side, position a Solid Wall Panel on top of plywood floor. The Wall Panel bottom framing will sit flush with plywood. Wall siding will overhang the floor.
Important: Make sure all walls are aligned in their upright position. If not, water may leak into your shed. Unsure if panel is facing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

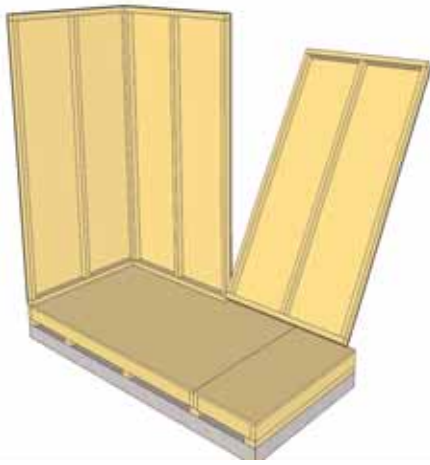


11. Outside 2x3 framing of wall panel should be flush with outside of plywood when properly aligned. **Note:** Siding will overhang the floor by approx. 1/2". When positioned correctly, locate 2nd Solid Wall Panel and place in Corner.

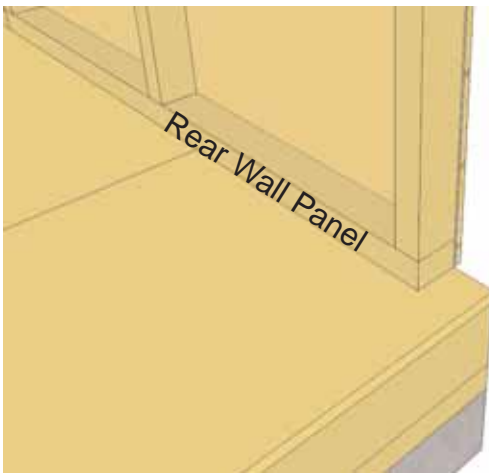
Do Not Attach Walls To Floor until Step 30



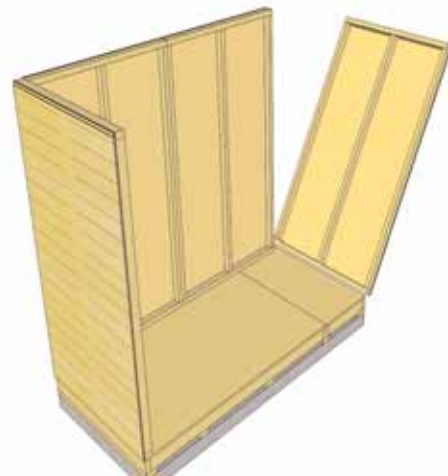
12. Butt both vertical wall studs of side and rear walls together and attach with 3 - 2.5" screws. Screw at the bottom, middle and top of stud to secure properly.
Note, drill pilot holes in studs to prevent splitting.



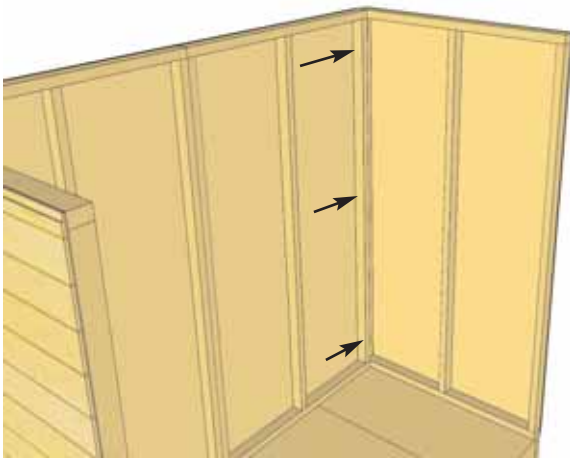
13. With the corner wall attachment complete, position the second rear wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor joists and plywood floor. Wall siding should overhang floor by approximately 1/2". When positioned correctly, attach both wall panel studs together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



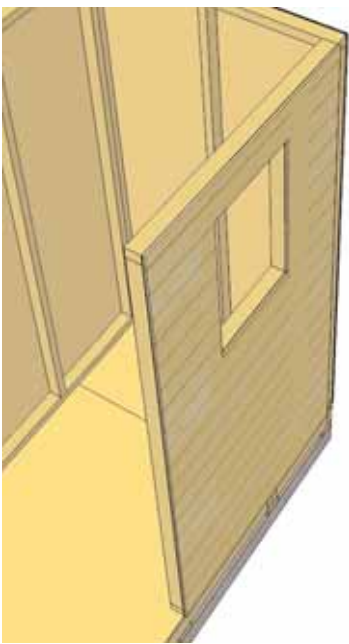
Do Not Attach Walls To Floor until Step 30



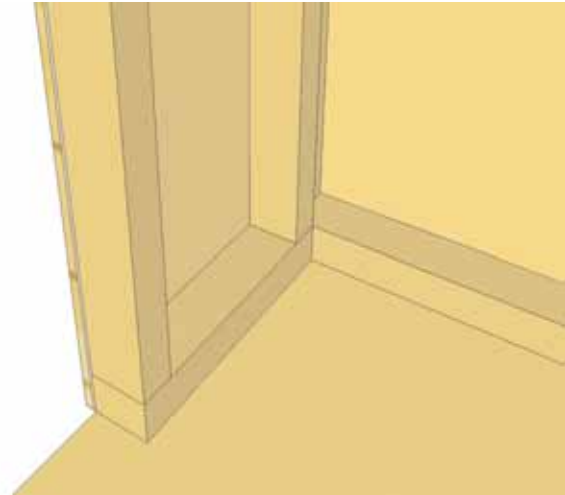
14. With Rear Wall Panel in place, position other side wall panel on floor as per **Step 10 & 11**.



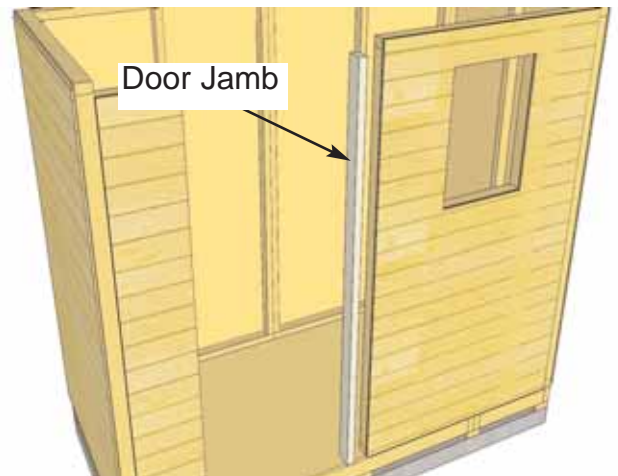
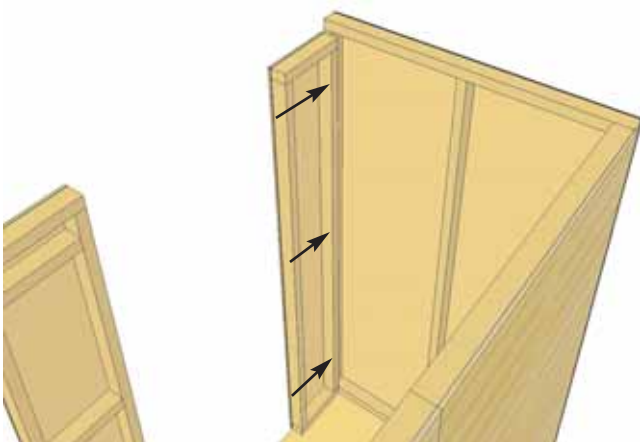
15. Secure side wall panel to rear wall panel as per Step 12. Next, locate **Window Wall Panel** and place in front corner.



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

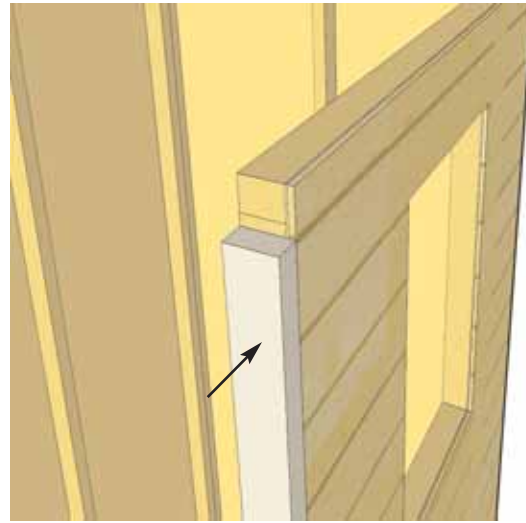
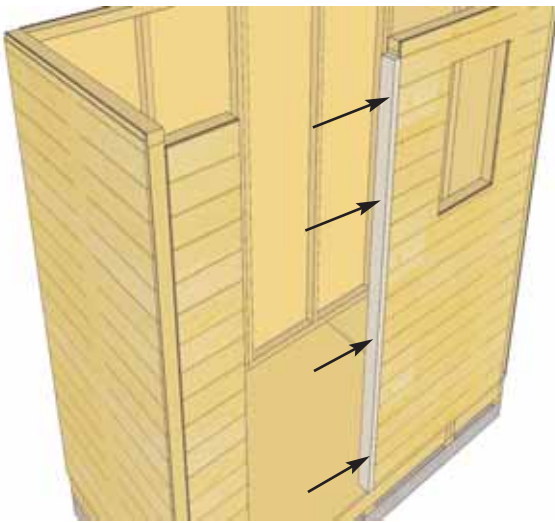


17. Locate **Narrow Wall Panel** and position once again so 2x3 wall plate sits flush on floor and siding overhangs. Note, Narrow Wall Panel is only 73" high.

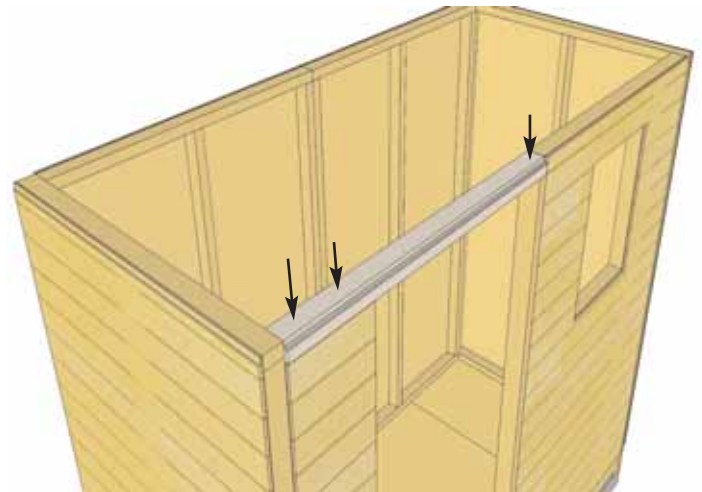
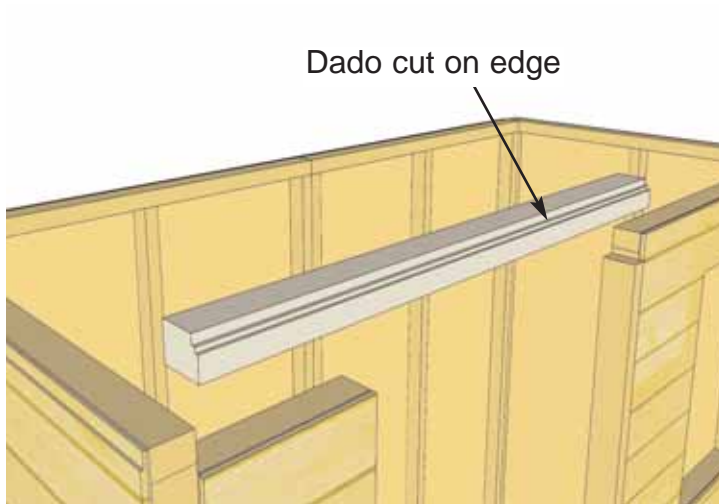


18. Secure as per **Step 12.**

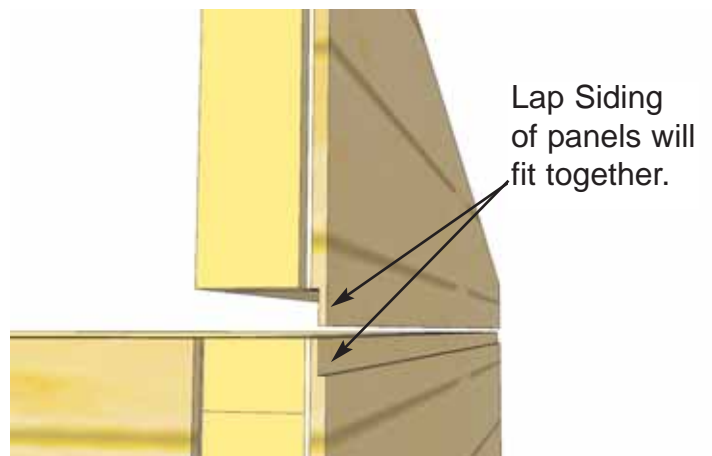
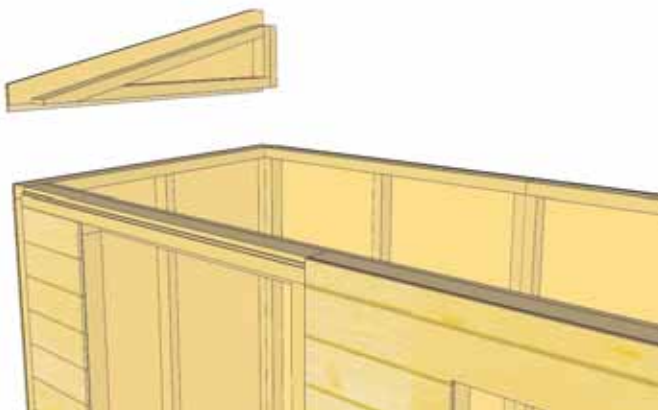
19. Locate 3" wide **Door Jamb** and place on wall stud to the right where door to be located.



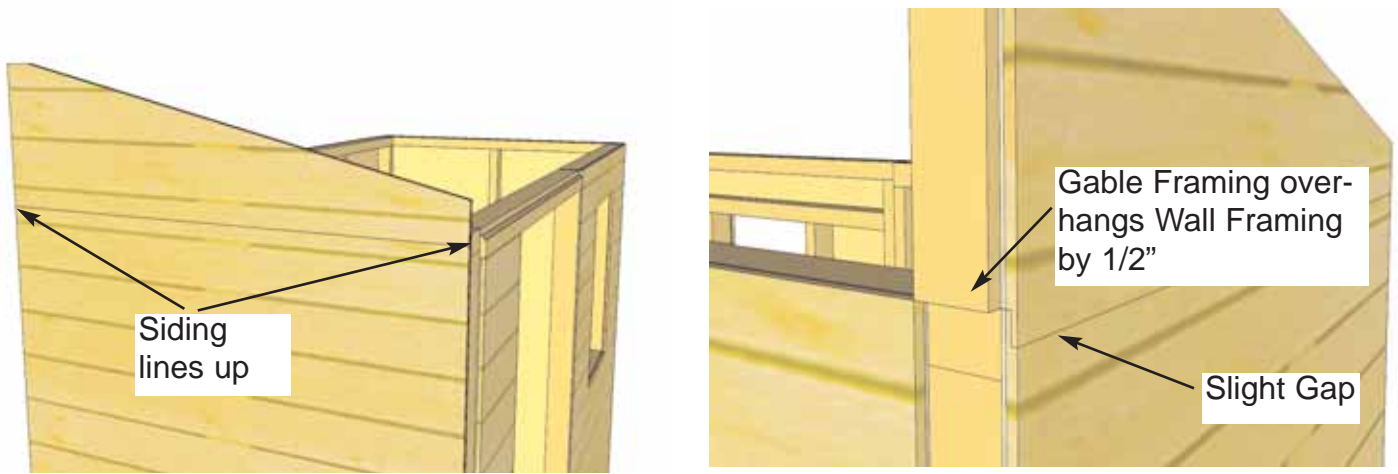
20. Position Door Jamb flush against wall stud and floor. The Jamb is 3" wide and will sit flush to outside of wall siding. When positioned correctly, secure Jamb using 4 - 2 1/2" screws.



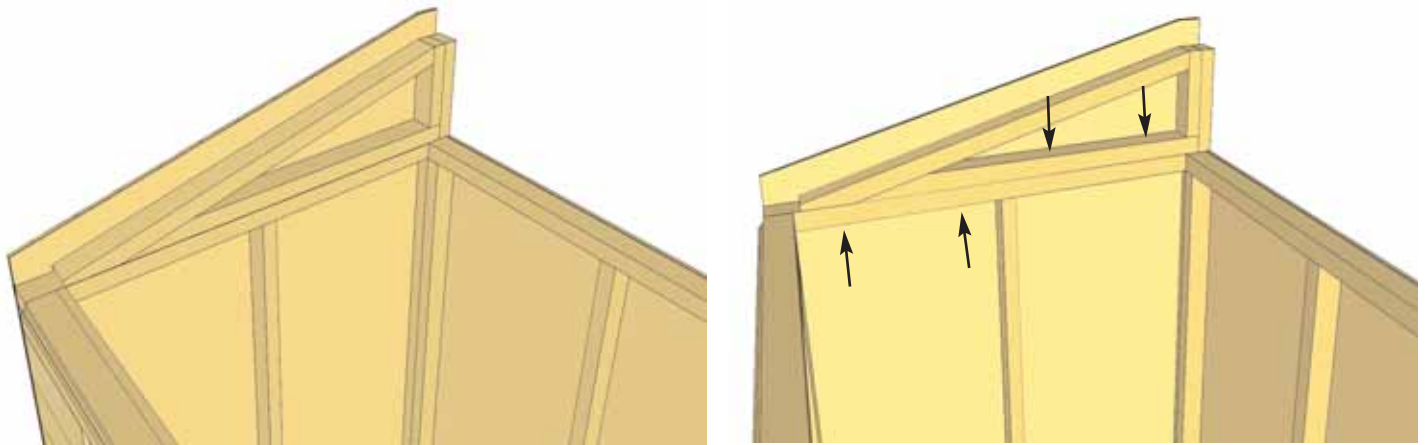
21. Position and attach the **Door Header** to Door Jamb and Narrow Wall Panel top framing. Header should sit flush with Door Jamb and Outside of Narrow Wall Panel Siding. Attach with 3 - 2 1/2" screws.



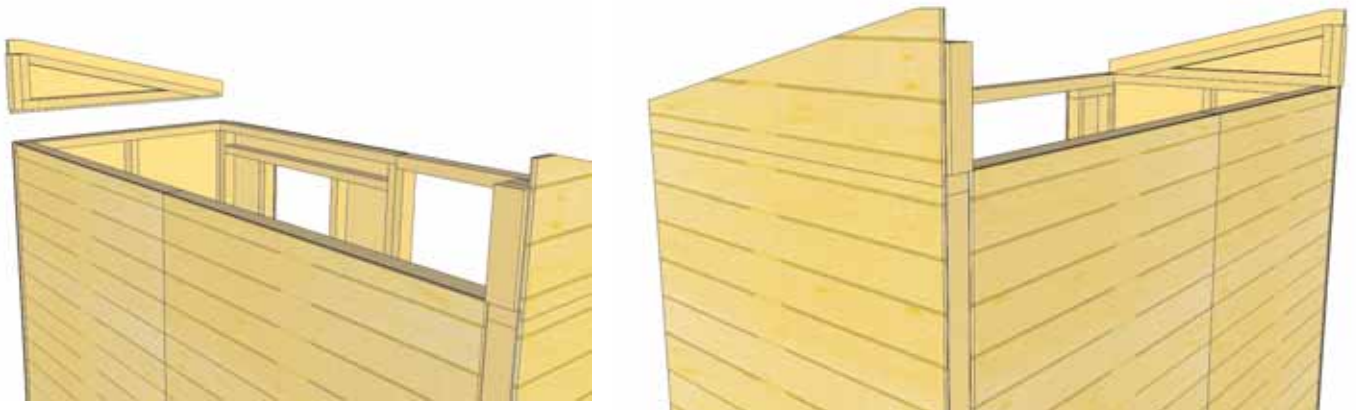
22. Locate an **Angled Gable Wall** and place on side wall panel frame.
Note, lap siding of Gable wall will cover lap siding of side wall.



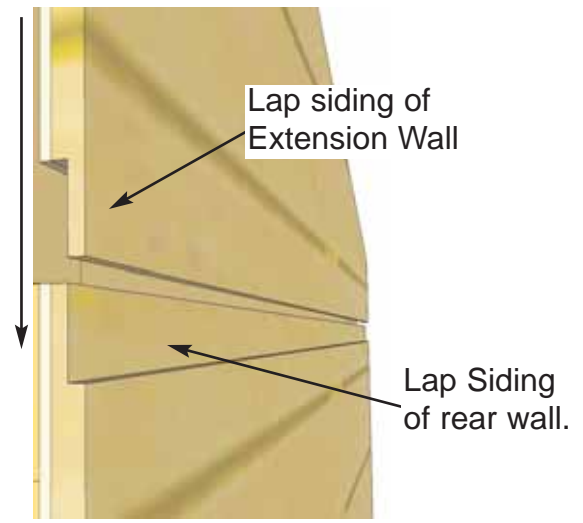
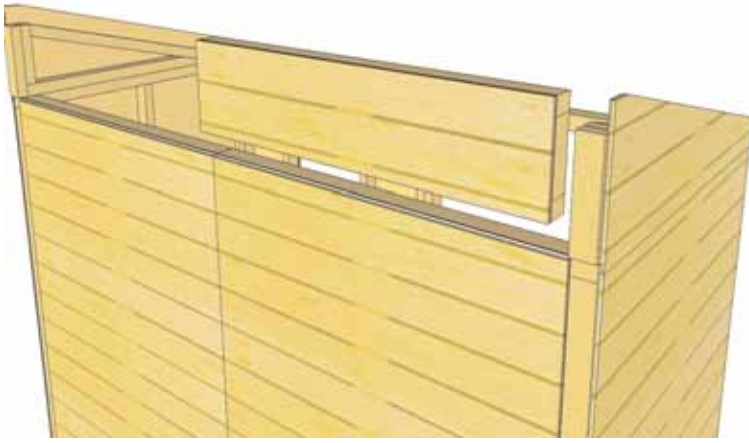
23. Align siding of Angled Gable Wall and Side Wall so they are flush together at outsides. (45 1/2")
Note, When correctly aligned, vertical rear framing of Angled Gable Wall will overhang Side Wall framing by approx. 1/2".



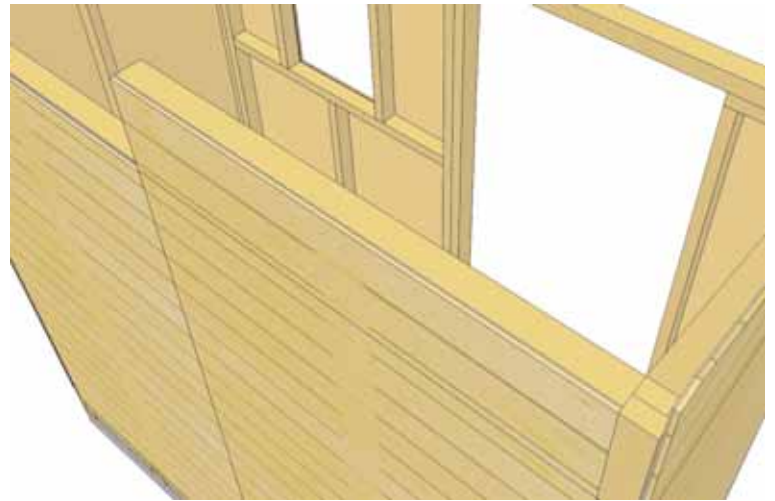
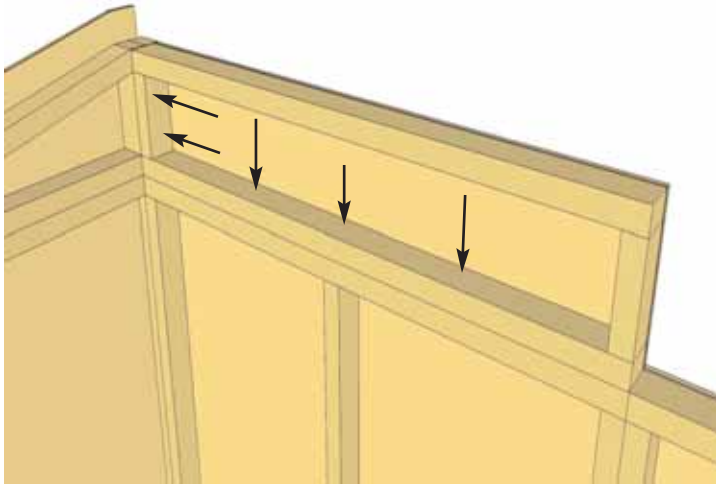
24. With Angled Gable Wall and Side Wall aligned correctly, secure together from the inside with 4 - 2 1/2" screws.



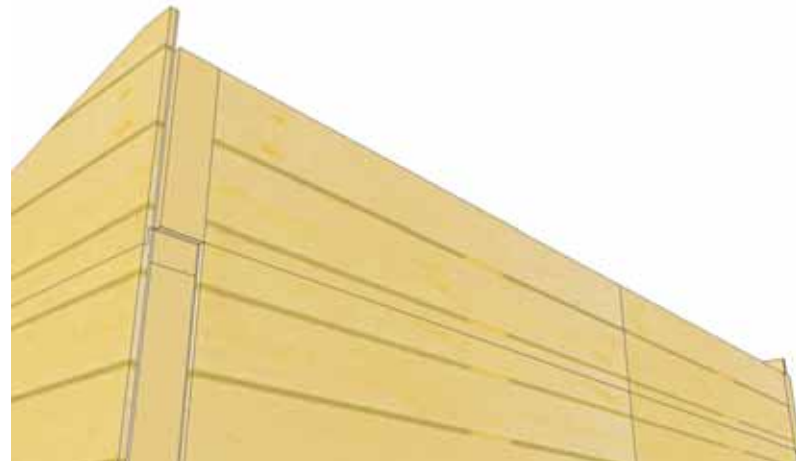
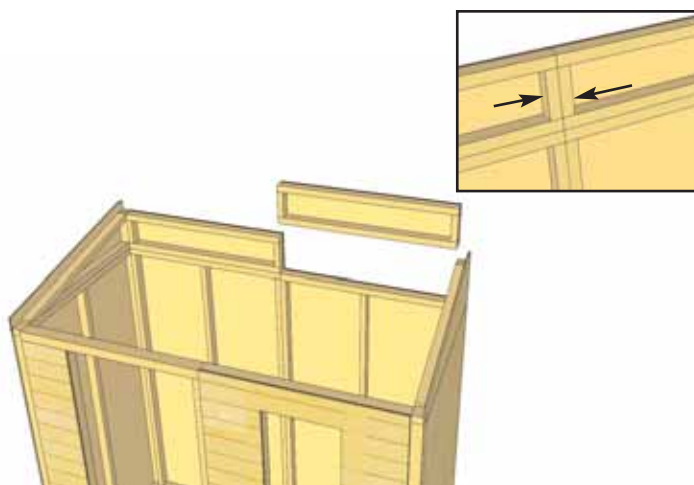
25. Complete opposite Angled Gable Wall positioning and attachment as per **Step 23 & 24.**



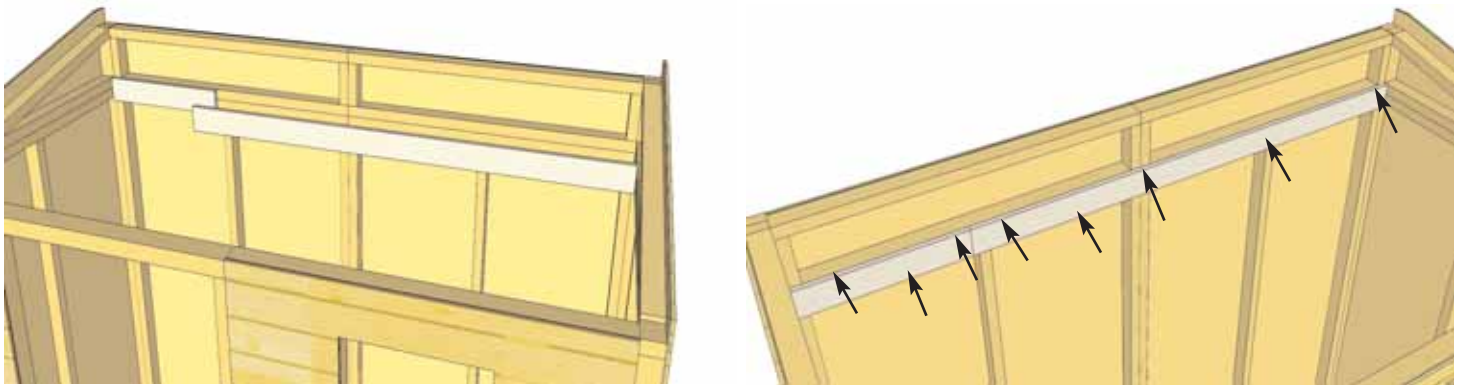
26. Locate one **Wall Extension** and place on rear wall panel with lap siding of extension covers that of the rear wall.



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

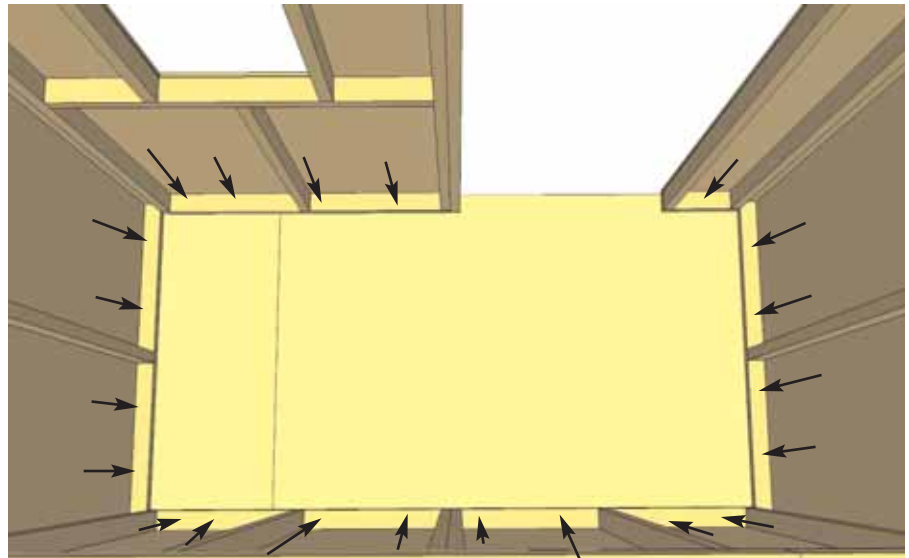


28. Position and secure 2nd Wall Extension Panel as per **Steps 26 & 27**. Attach Wall Extensions together with 2 - 2 1/2" screws.



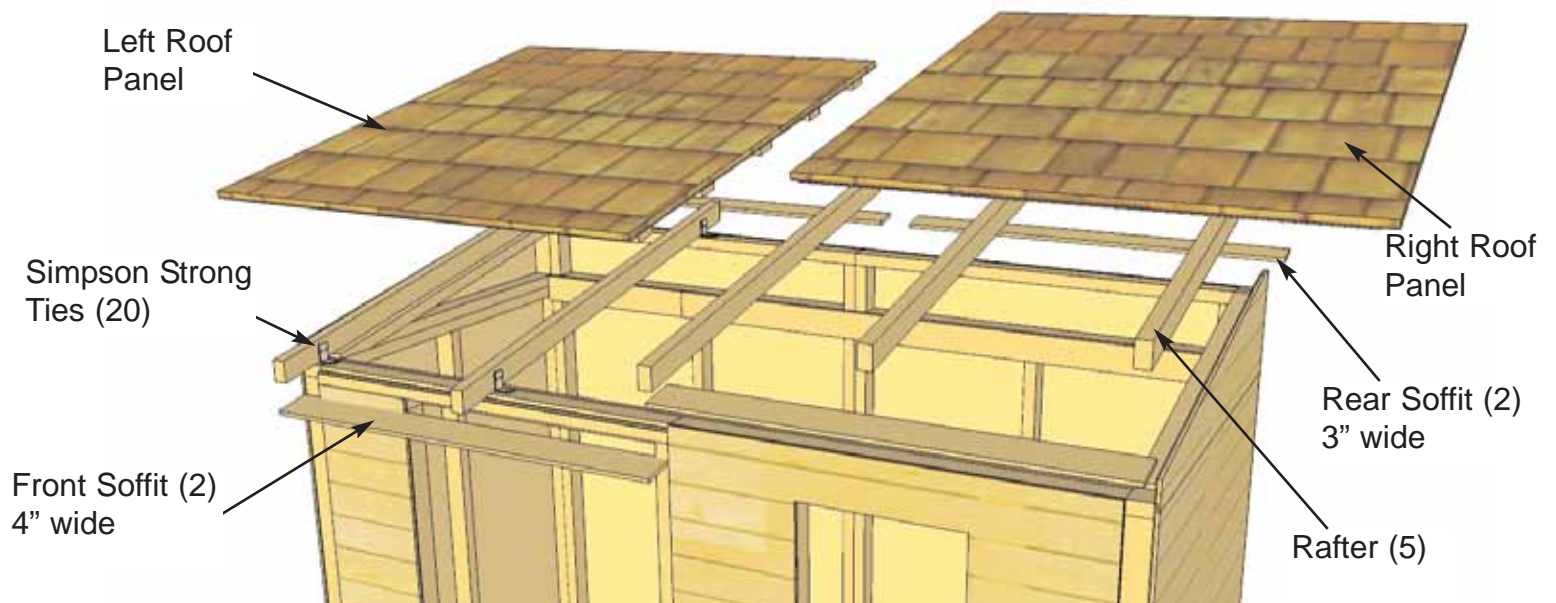
29. Attach **Horizontal Wall Cleats** to Wall Extension bottom framing and rear wall top framing so cleat is flush with extension framing. There is a short and long wall cleat. Alternate alignment of screws so 1/2 screw into wall extension framing and the other land in the rear wall top framing. Use 8 - 2" screws.

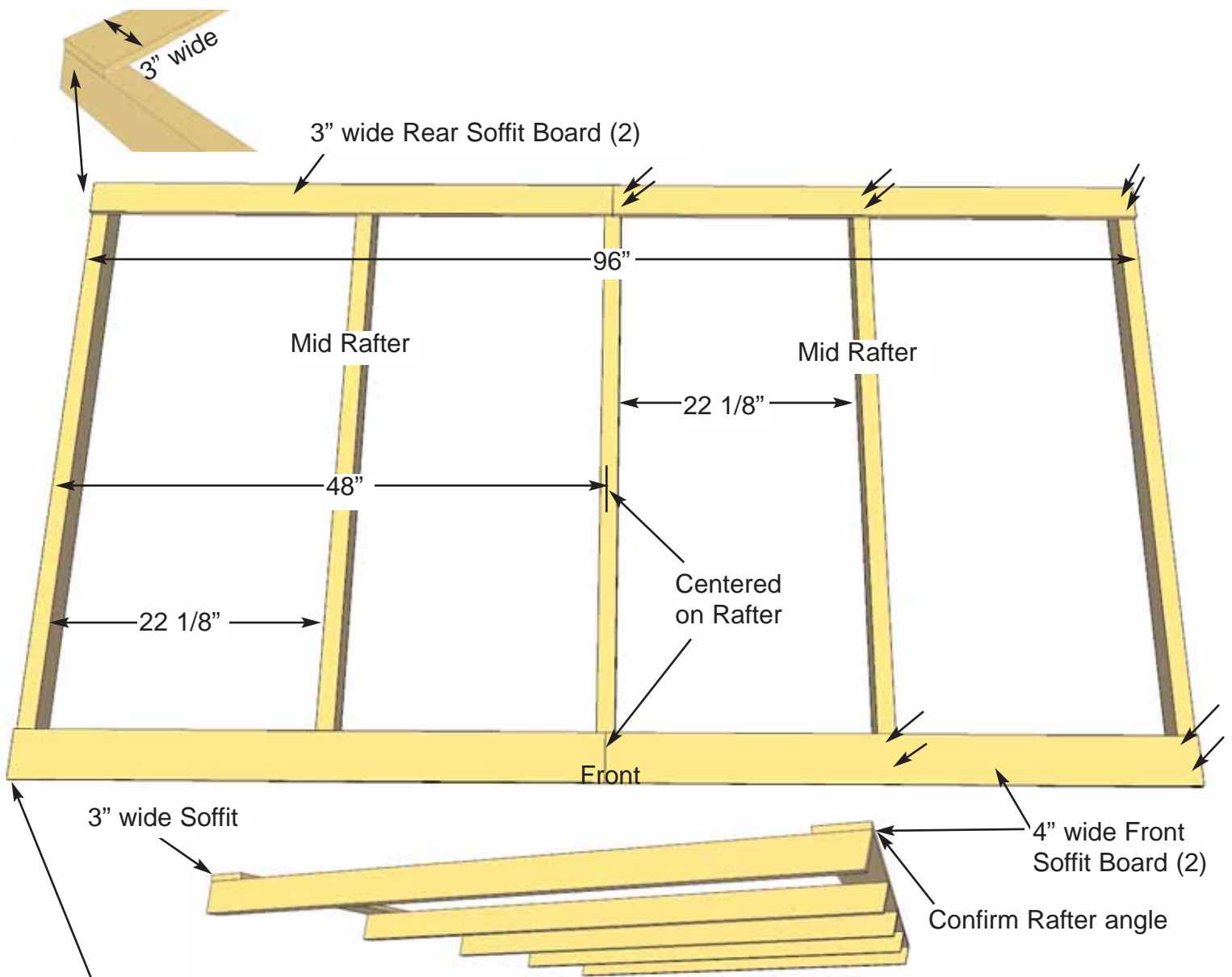
30. To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with 22 - 2 1/2" screws. Prior to securing, make sure wall panels are aligned correctly on the floor. Refer to **Step 12**. Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.



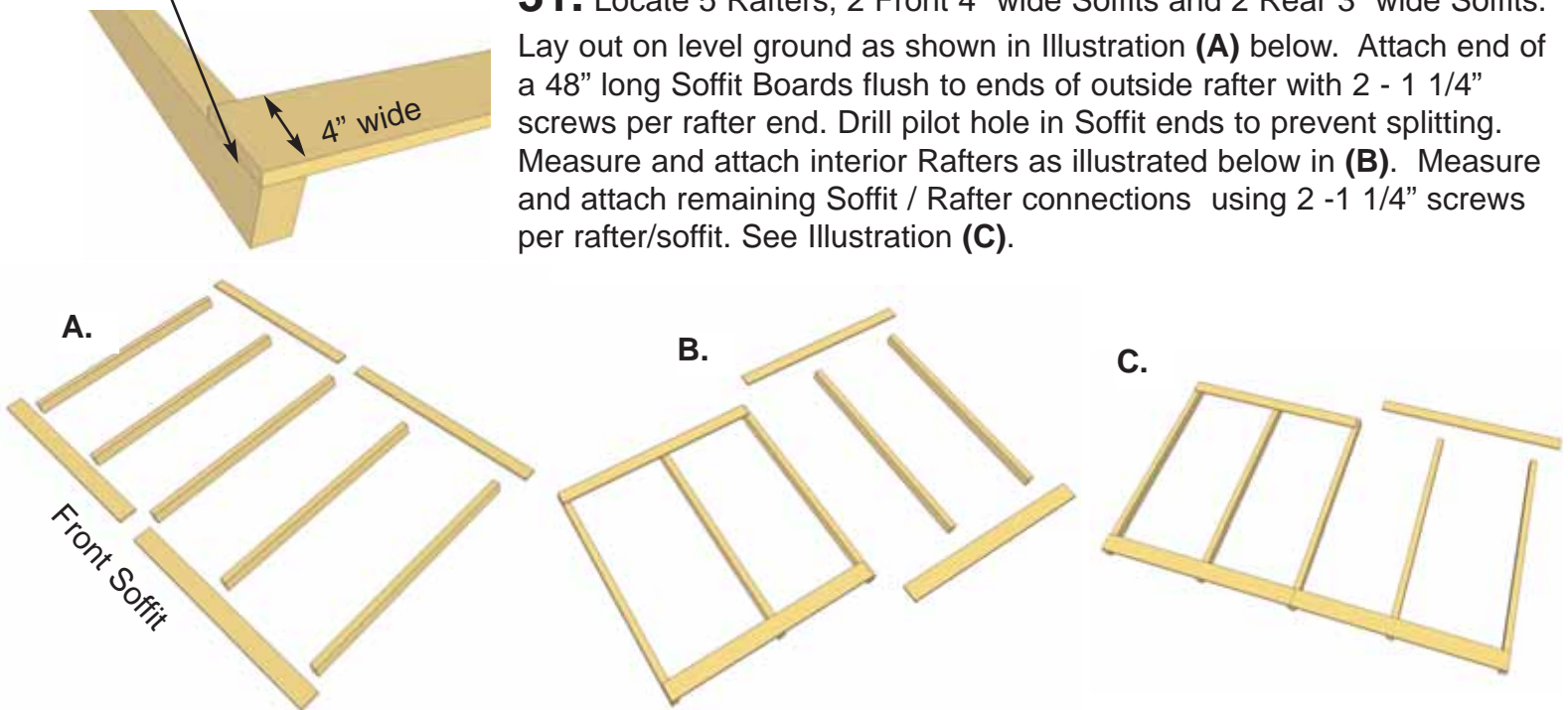
C. Rafter and Roof Section

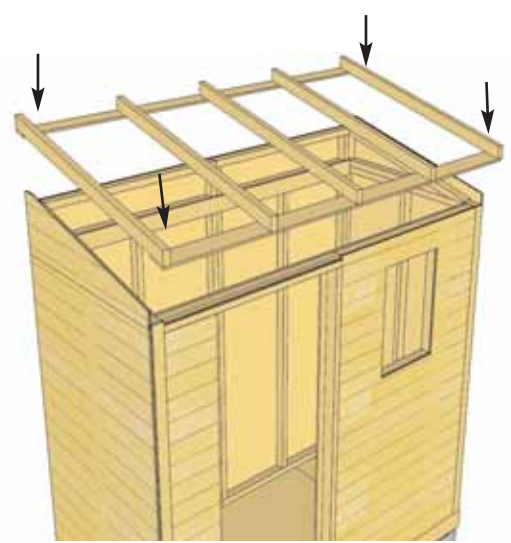
Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting. 6" Wide Filler Shingles not shown in Illustration.





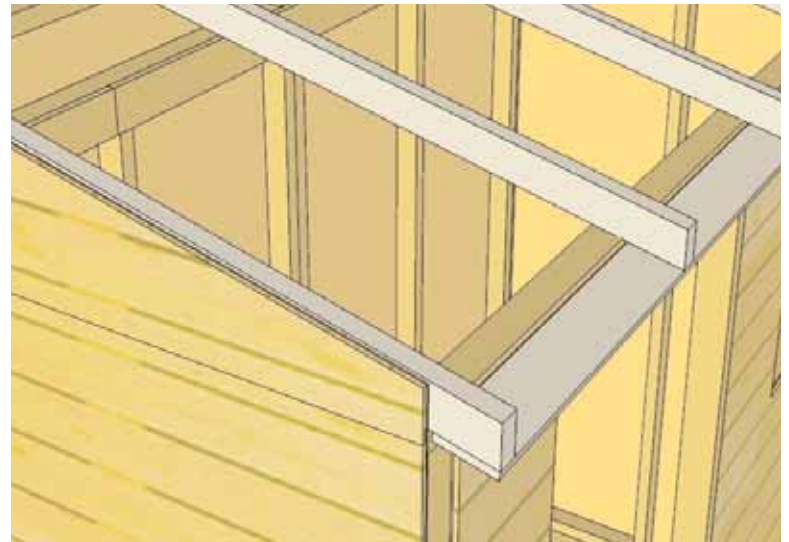
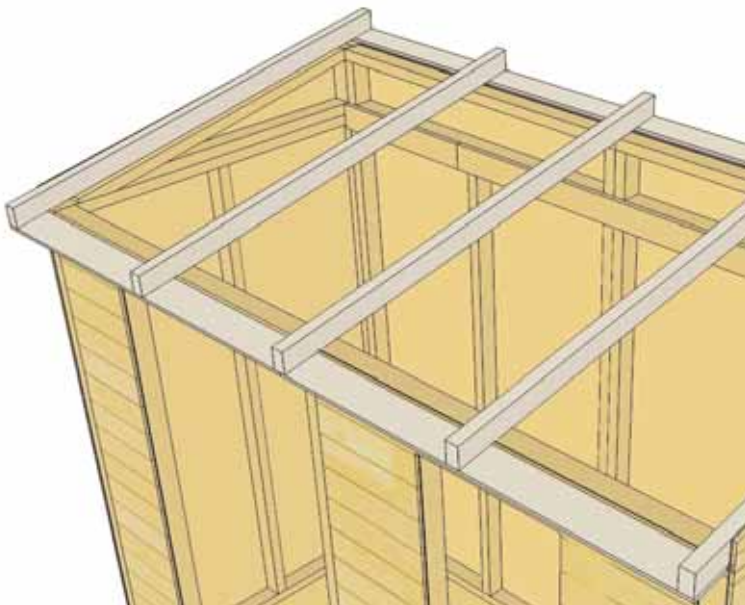
31. Locate 5 Rafters, 2 Front 4" wide Soffits and 2 Rear 3" wide Soffits. Lay out on level ground as shown in Illustration (A) below. Attach end of a 48" long Soffit Boards flush to ends of outside rafter with 2 - 1 1/4" screws per rafter end. Drill pilot hole in Soffit ends to prevent splitting. Measure and attach interior Rafters as illustrated below in (B). Measure and attach remaining Soffit / Rafter connections using 2 - 1 1/4" screws per rafter/soffit. See Illustration (C).



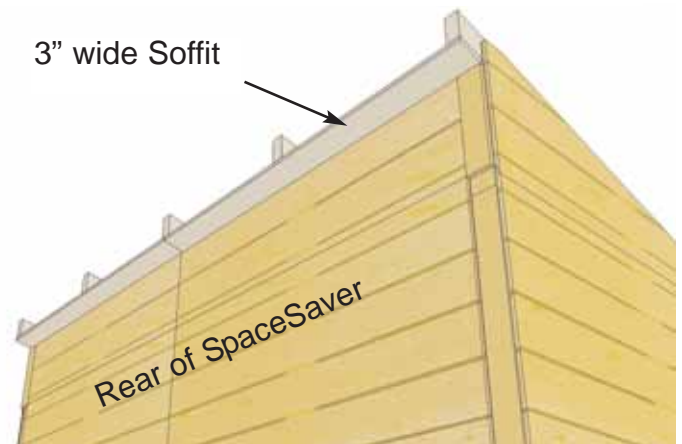
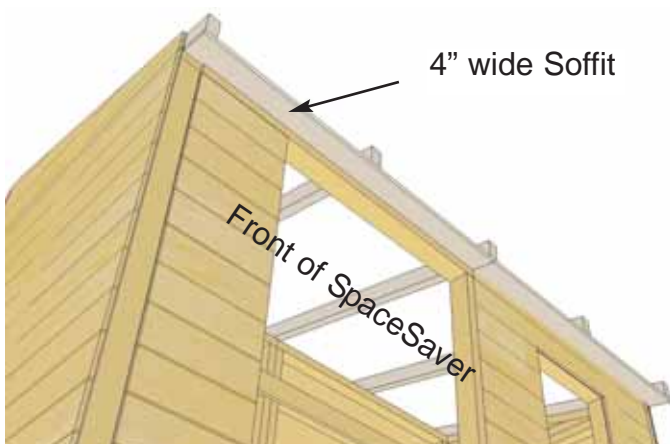


32. Carefully flip completed Rafter Section over so 4" wide Soffit is facing the front and place on SpaceSaver walls.

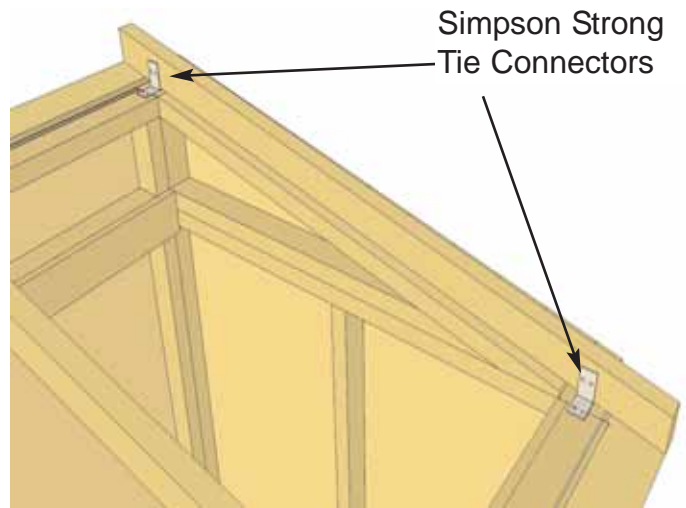
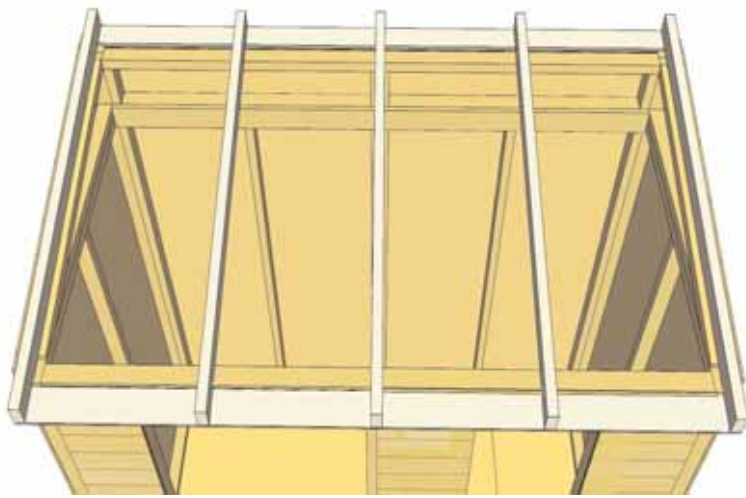
Note, once again, make sure 4" wide Soffit is positioned to the front of the shed.



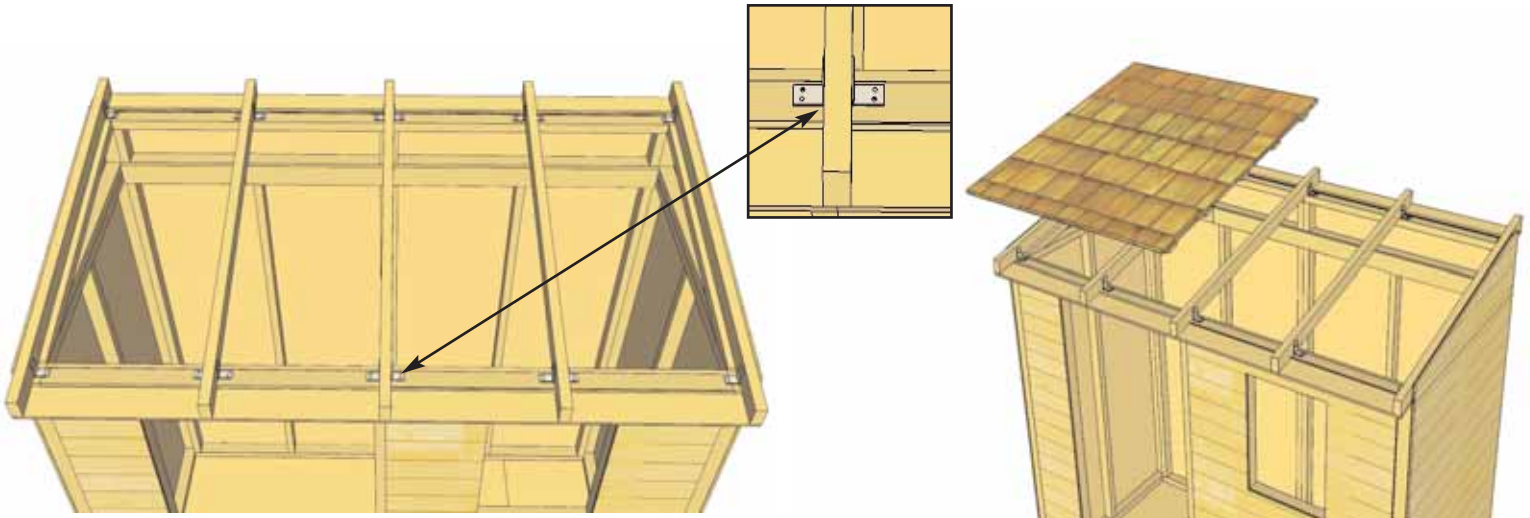
33. Position Rafter Section on walls so outside Rafters lay flush with gable framing equally from side to side and both Front and Rear Soffits are flush against both front and back walls.



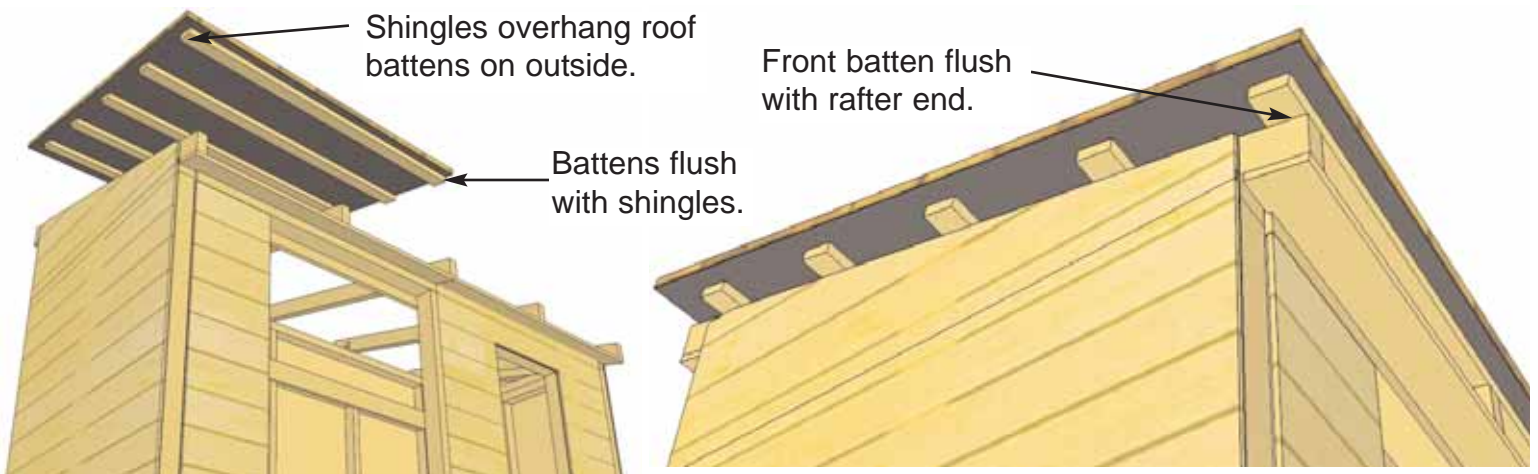
34. When Rafter Section is positioned correctly, both Front and Rear Soffits will sit flush against siding of wall panels.



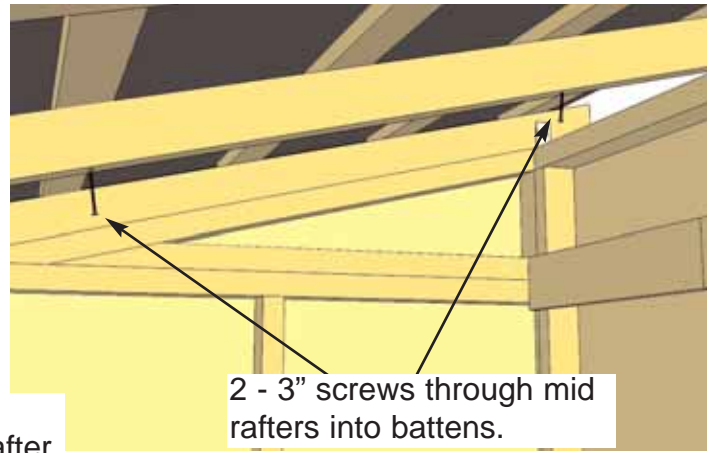
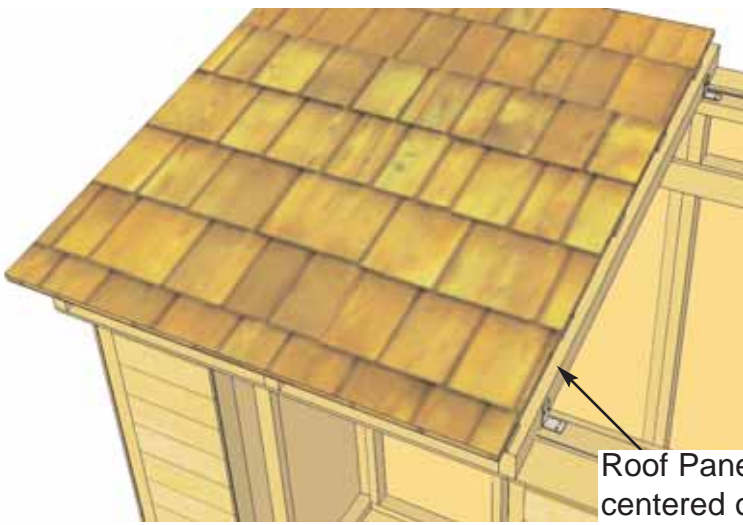
35. With Rafter Section correctly aligned, secure rafters to walls using **Simpson Strong Tie Connectors**. Start with outside rafters and secure 2- strong ties with 1 1/4" screws. Screw into Wall Extension Framing at the rear and the Wall Panel top framing at the front. Complete both sides.



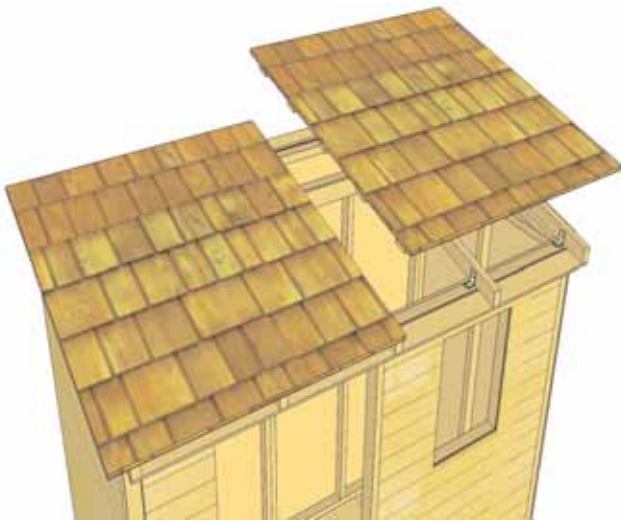
36. With outside rafters properly secured, completely secure remaining interior rafters using 4 Simpson Strong Tie Connectors per rafter (2 front / 2 rear). Next, locate **Left Side Roof Panel**.



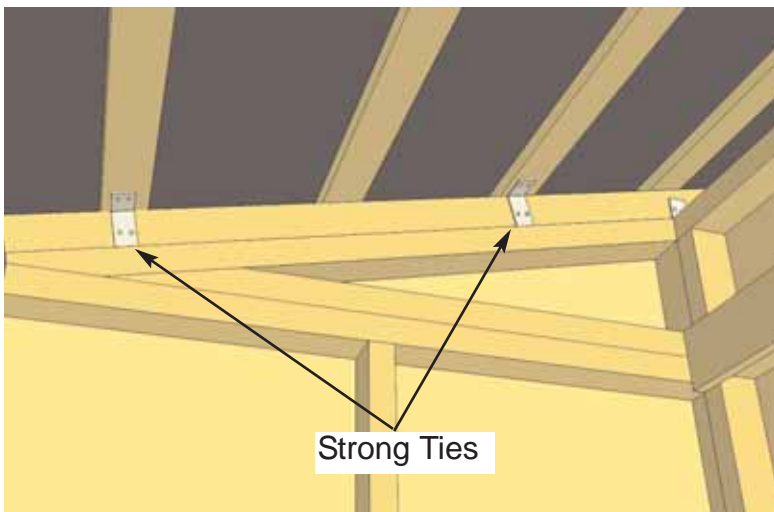
37. Correctly orientate Left Side Roof Panel with shingles overhanging roof battens on the outside left and shingles flush with battens to the right. Place on rafters with front roof batten flush with front of rafter. **Note**, trimmed shingles on roof panel to back of shed.



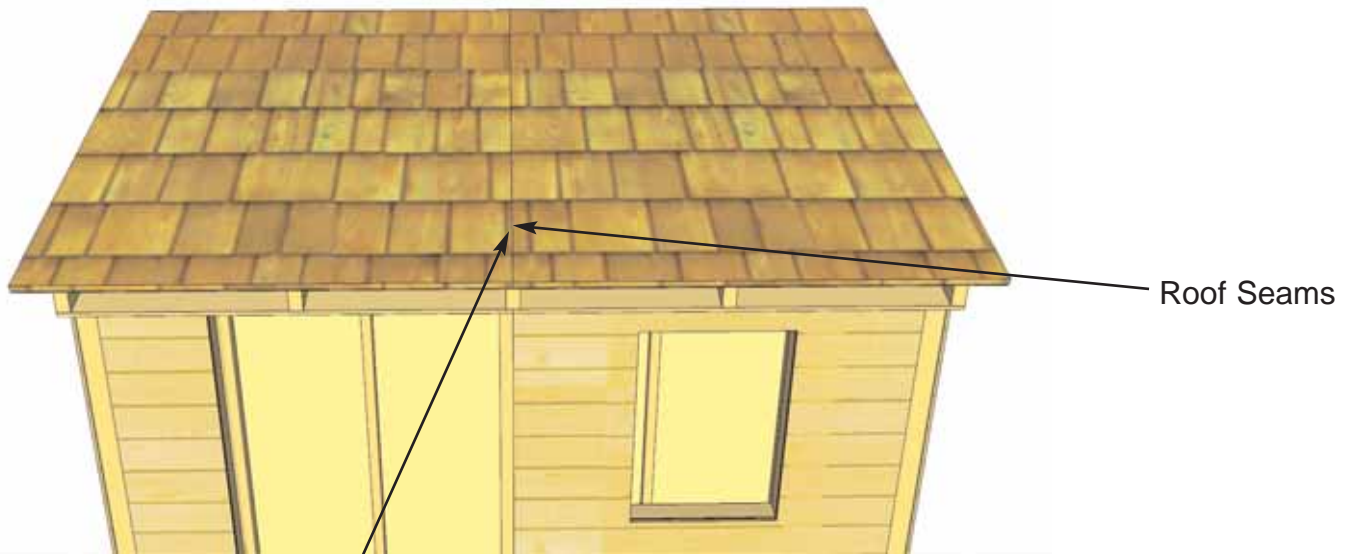
38. Place Roof Panel centered rafter. From the inside, locate pre-drilled hole in both Mid Rafters (see **Step 31** for rafter description). Using 2 - 3" screws, secure rafters to roof battens until tight. Note, from the outside, a helper may be required to push roof panel down for best fit.



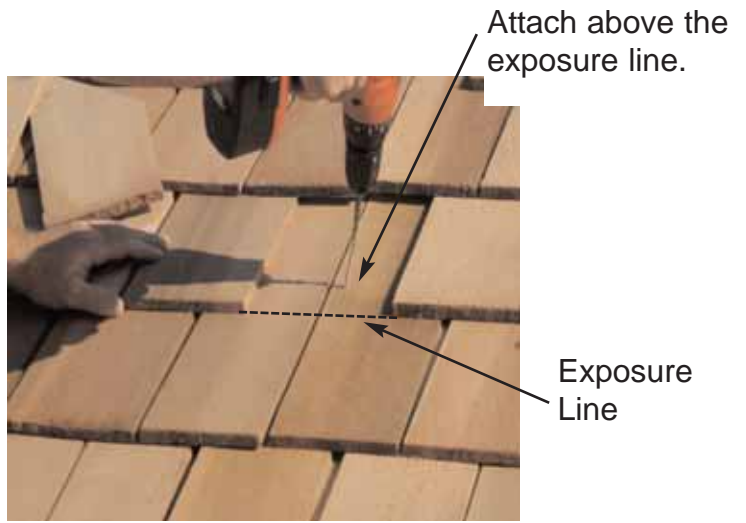
39. Position and secure Right Side Roof panel down as per **Steps 37 & 38**.



40. To further secure roof panels to walls, position 2 Simpson Strong ties on battens and outside rafters and secure 4 - 1 1/4" screws. Complete both sides.



41. Roof **Filler Shingles** are included to cover roof seams. Starting at the bottom, slide the first 24" long shingle in until flush with other bottom shingles. **DO NOT ATTACH UNTIL STEP 42.**



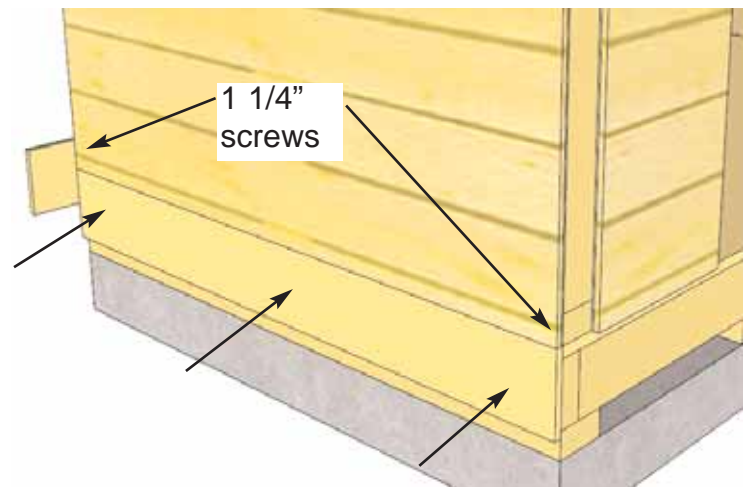
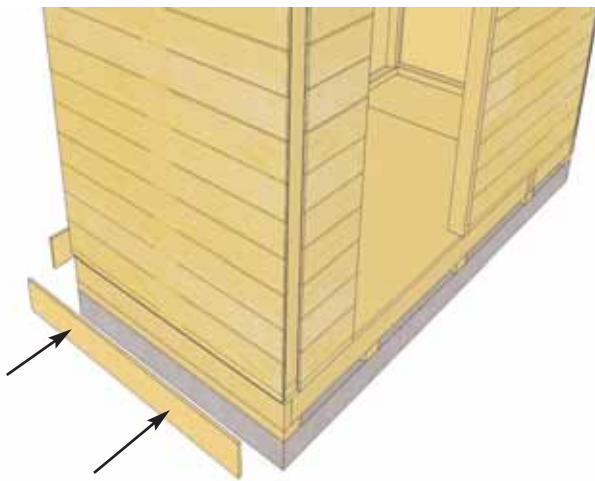
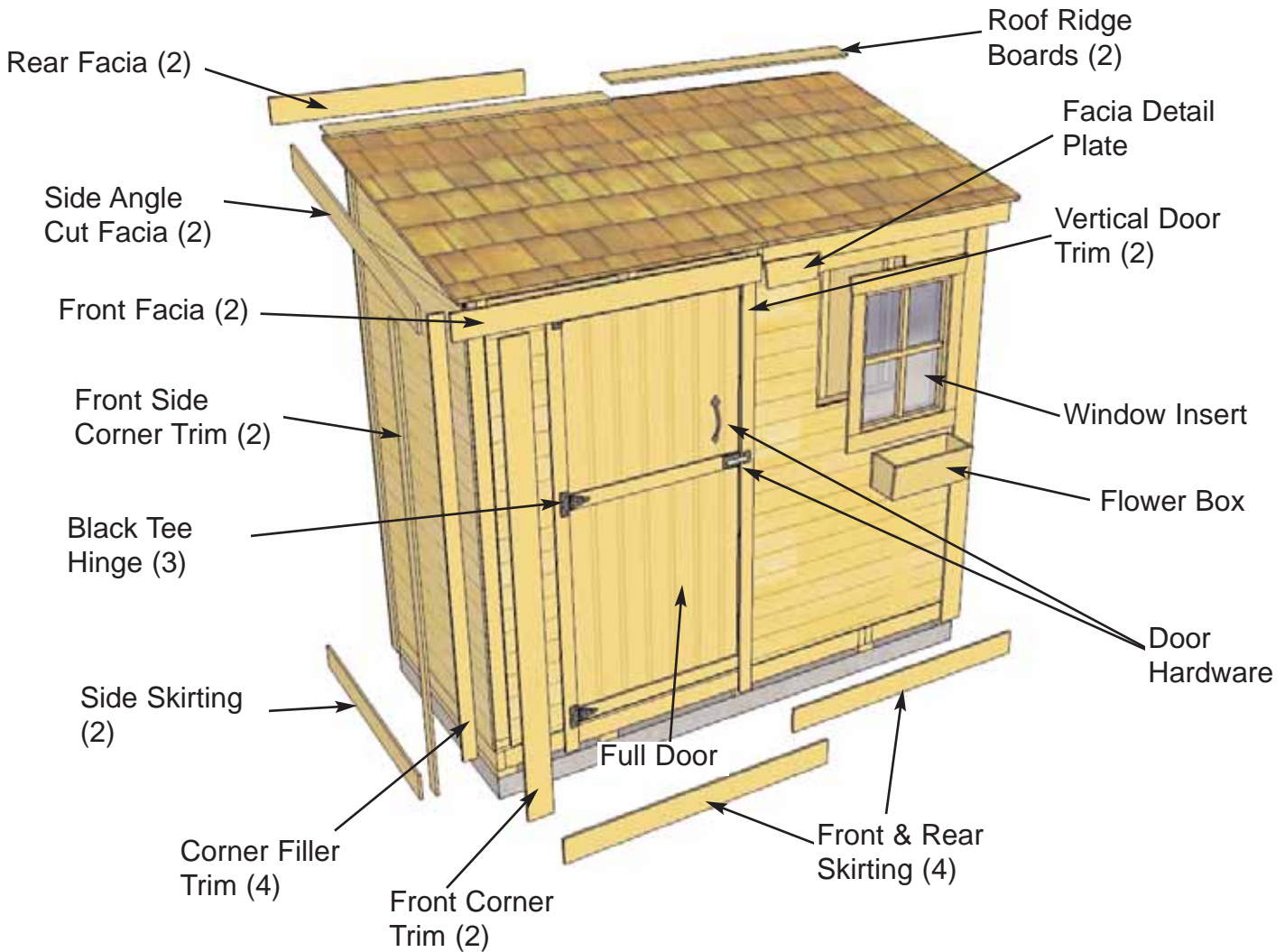
42. Screw first filler shingle down to rafters using 1 - 3" screw per panel. Make sure to screw into rafter.



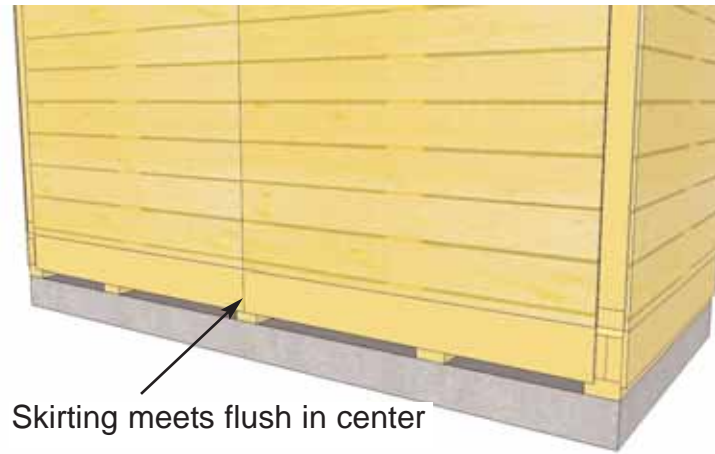
43. Slide in another filler shingle and attach as per **Step 42**. On your last row of shingles, the filler shingle is precut to fit properly. Attach to roof with 2 finishing nails per shingle.

D. Miscellaneous Section

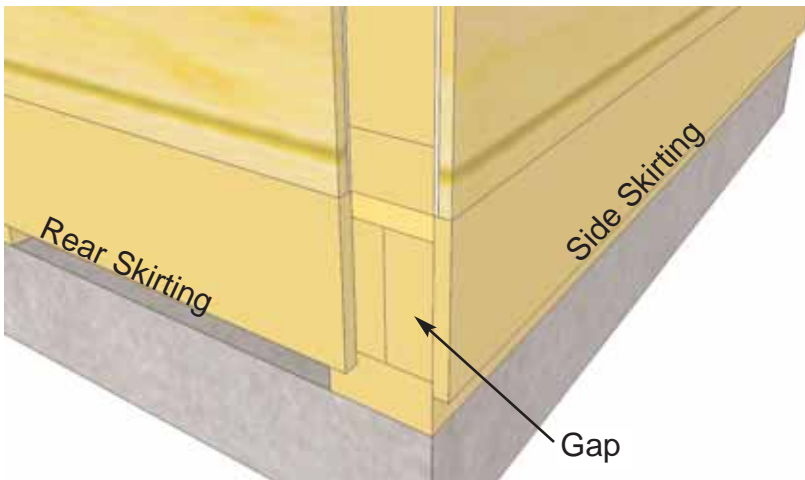
Exploded view of all parts necessary to complete the Skirting, Trim, Facia and all Miscellaneous Pieces. Identify all parts prior to starting. (Not Shown; Interior Door Stops, Rear Trim, Horizontal Door Trim)



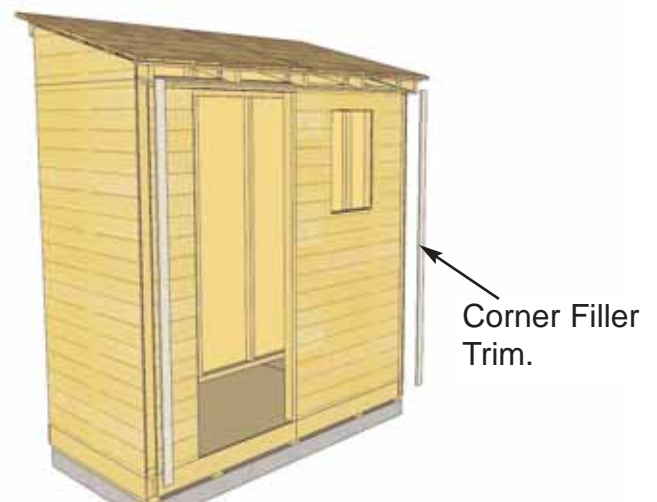
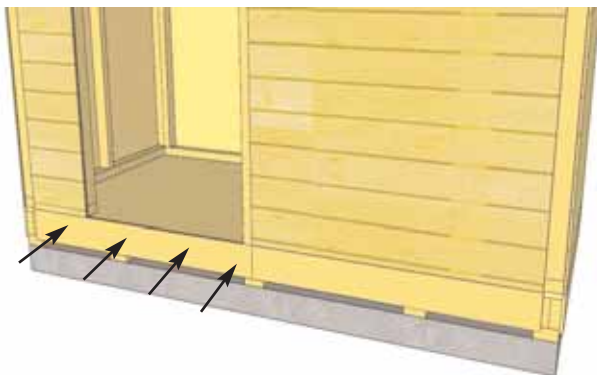
44. Attach **Bottom Skirting** around the base of the shed. Skirting will hide floor framing. Start with side skirting pieces first and attach with 3 - 1 1/4" screws per piece. Attach additional 1 1/4" screws on bottom edge of wall siding into bottom wall plate to further secure bottom siding to framing. **Note,** Corner Trim will cover screws in **Steps 53 & 54.** Drill pilot holes in siding to prevent splitting.



45. Rear skirting pieces will meet together in the center. Secure with 3 - 1 1/4" screws per piece. Insert additional screws into siding as per **Step 44.**

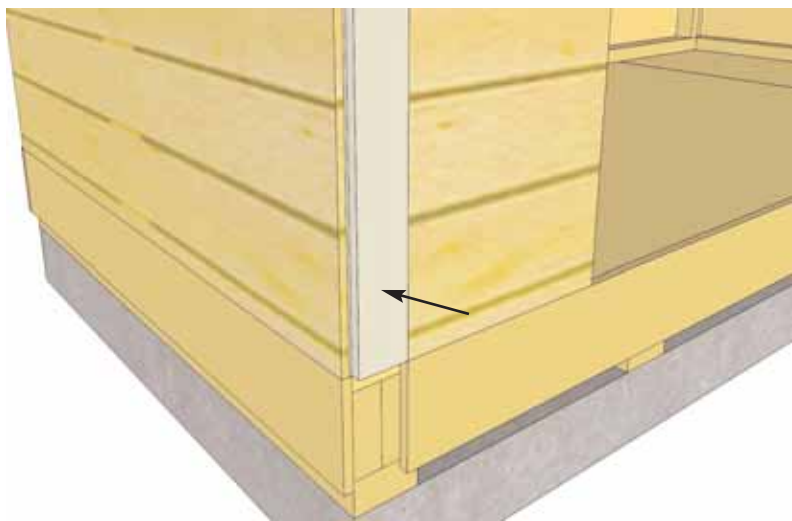


46. Gaps on outside will be covered by Corner Trim pieces later. Complete front and side skirting attachments.

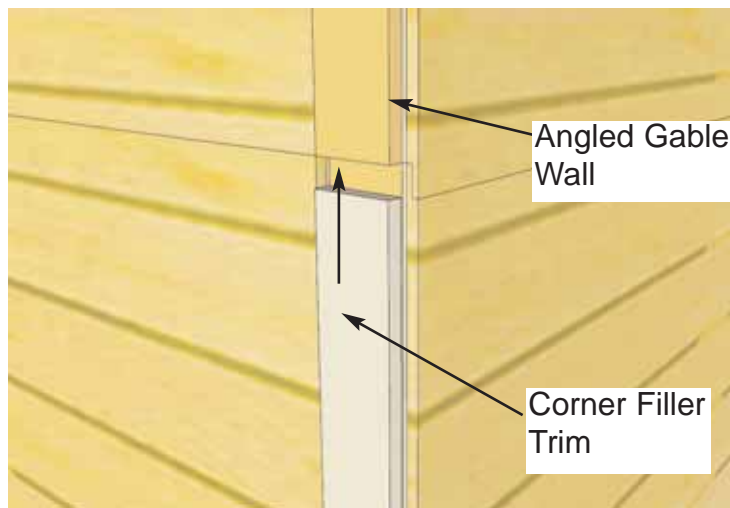


47. Use 4 screws on front skirting piece where door will be installed later for extra support since it will be a high traffic area.

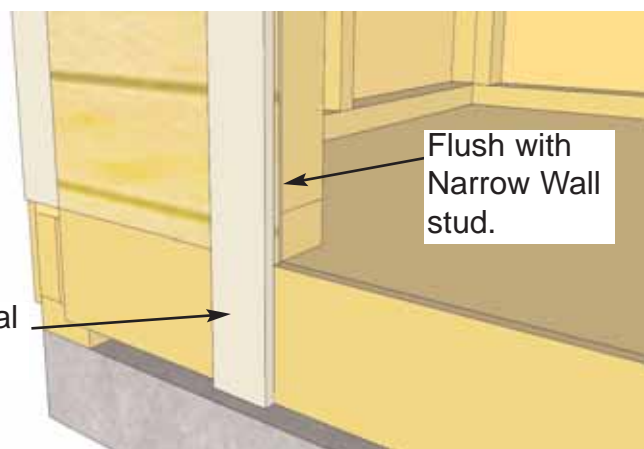
48. Locate **Corner Filler Trims** (4 - 1/2" x 2 1/2" x 75") and place in front corners of SpaceSaver.



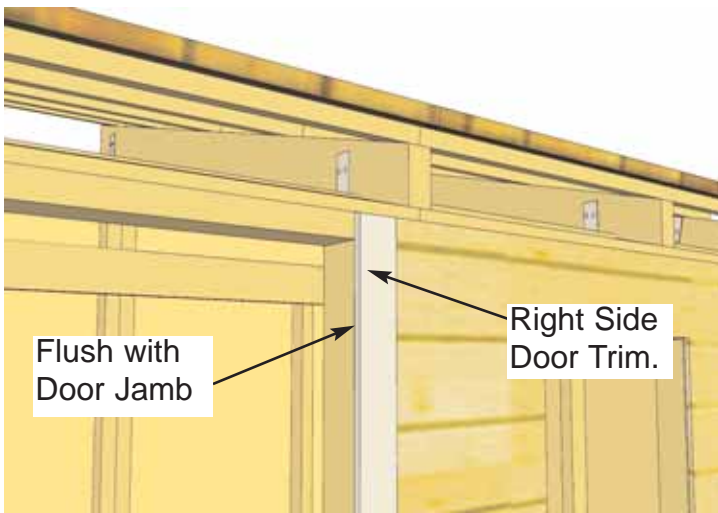
49. Attach **Corner Filler Trims** where gaps exist in front corners. Hammer with 6 - 1 1/2" finishing nails. Corner Fillers are positioned flush with siding and to the top of the bottom skirting.



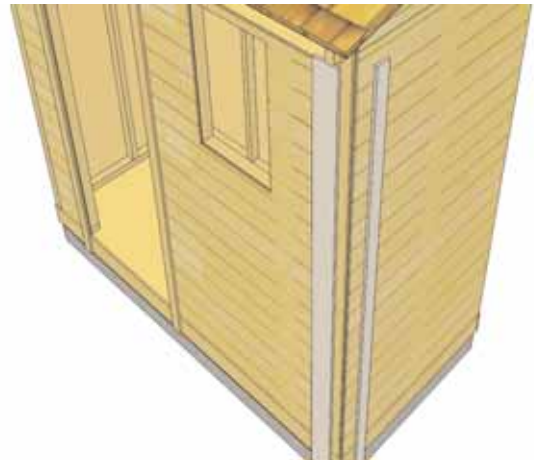
50. Position and attach Corner Filler Trims in the rear as per **Step 49**.



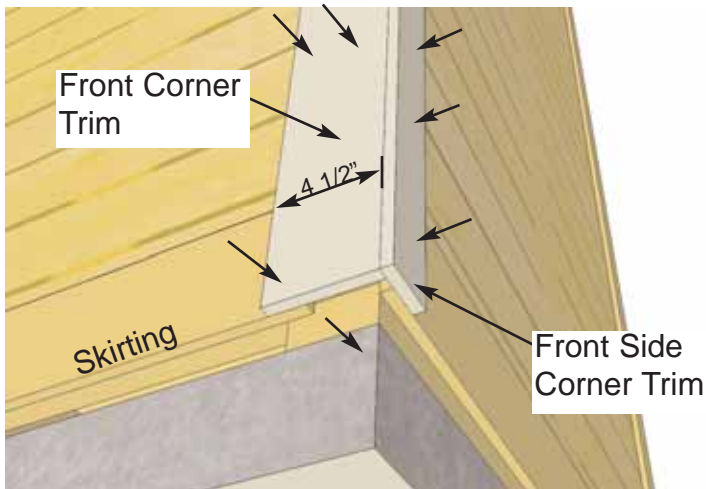
51. Locate **Vertical Door Trim** - (2 - 1/2" x 2 1/2" x 78 3/4"). Position left door trim flush with outside narrow wall stud. Trim should also be aligned flush with bottom skirting. Attach with 6 - 1 1/2" finishing nails.



52. Position Right Side Door Trim flush with outside of door jamb. Attach with 6 - 1 1/2" 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 achieve best fit. Attach with 6 - 1 1/2" finishing nails per piece. Align trim so flush with bottom skirting.



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.**

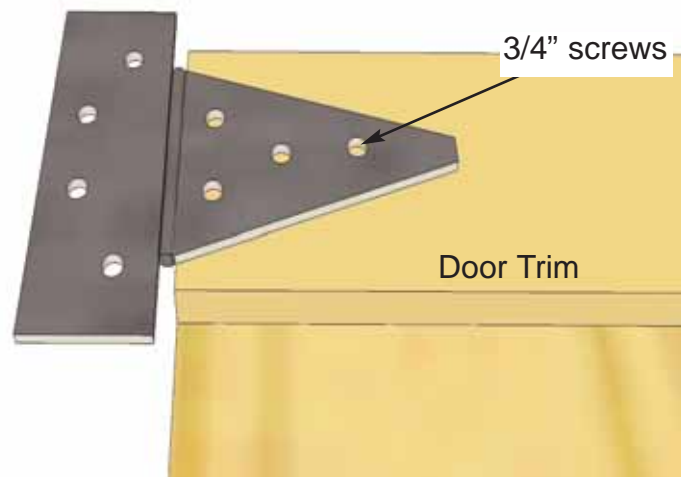


56. Attach **Middle Trim** - 1/2" x 2 1/2" x 88 3/4" where wall panels come together and leave a seam in the rear. Attach with 6 - 1 1/2" finishing nails aligning flush with bottom skirting.



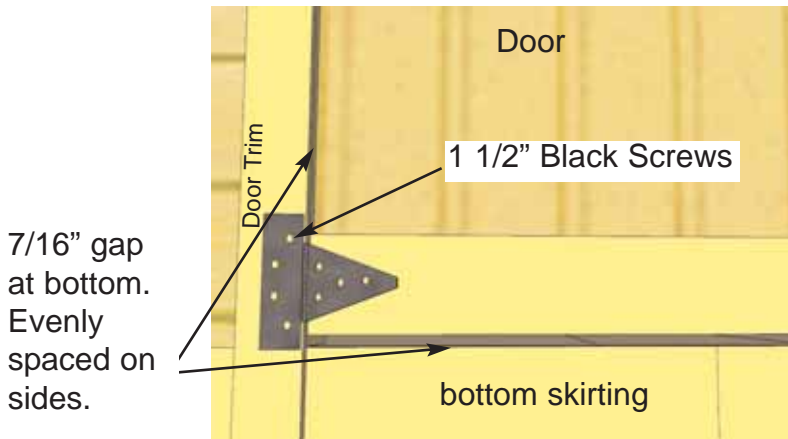
57. To complete trimming of your SpaceSaver, attach both the **Horizontal Door Trim** and **Horizontal Narrow Wall Trim** with 4 and 2 - 1 1/2" finishing nails. Place trim flush up against Soffit.

58. Attach **Door Hinges** to **Door Panel**. Attach hinges to door trim. (3 hinges per door centered on door trim.) Use 3/4" long black screws on hinge / door attachment.



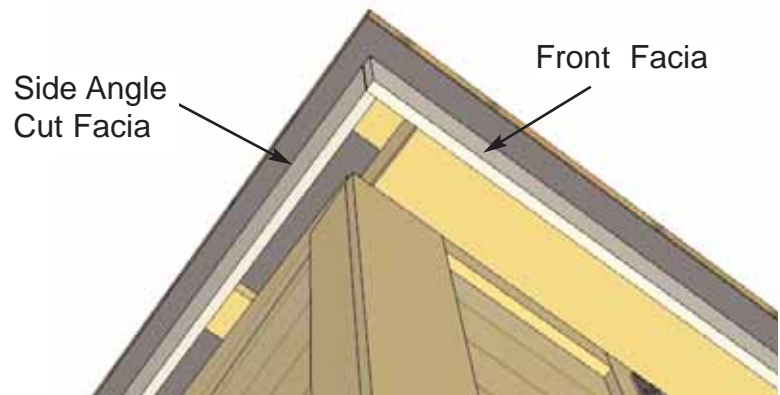


59. With Hinges attached on to door panel, position in doorway opening.

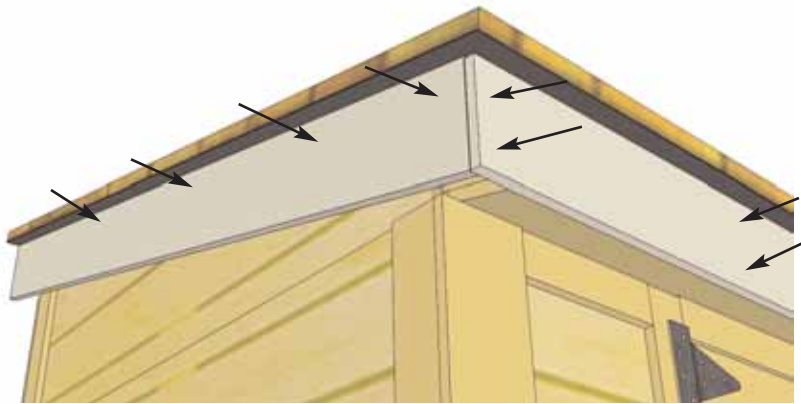


60. Position door panel with a 7/16" gap on bottom and evenly spaced on sides and attach hinges to Narrow Trim with 1 1/2" black screws. Use extra piece of siding to help keep the door evenly spaced on bottom. See **Step 61** for gap at top.

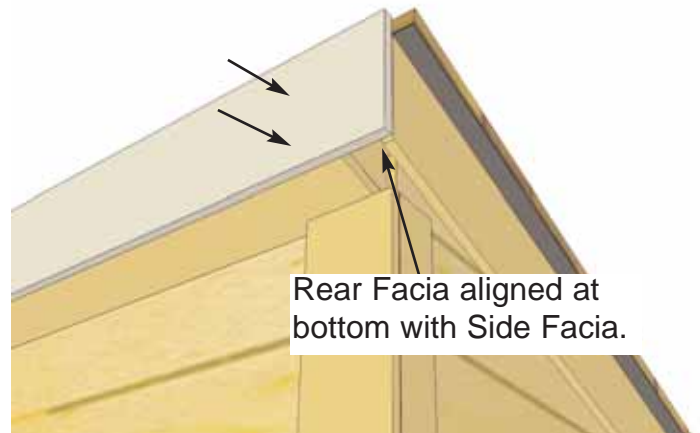
61. Door Panel should be positioned so there is approx. 1/4" gap at top. Attach top and middle hinge to narrow trim with hinge hardware provided.



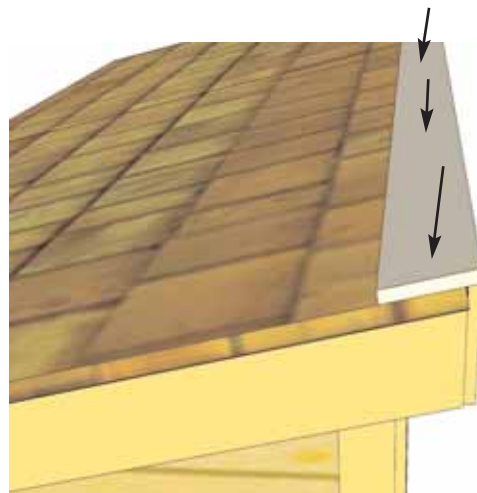
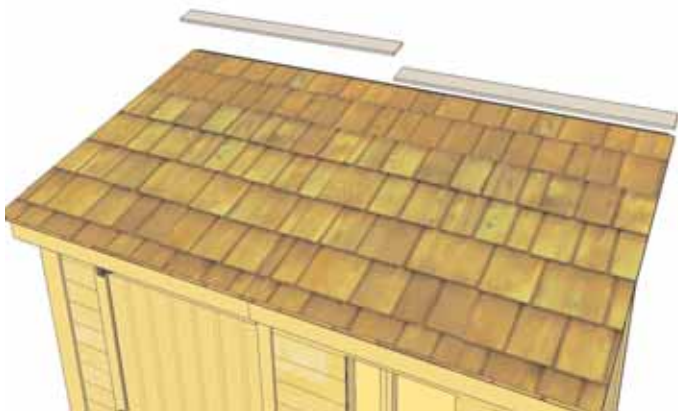
62. Locate and identify all Fascia pieces. **Front Fascia** is 4" wide while **Rear Fascia** is 4 1/2" wide. **Side Angle Cut Fascia** is angle cut on both ends. In front corner, align side and front Fascia together.



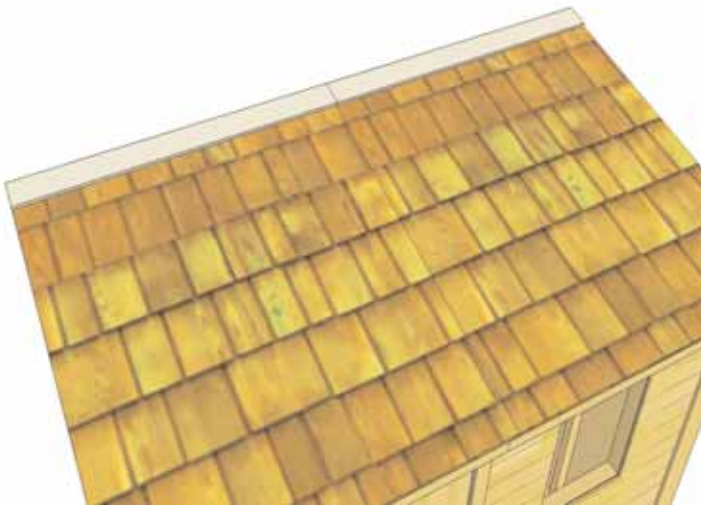
63. With corner fascia correctly aligned, attach Front Fascia to rafter ends with 6 - 1 1/2" finishing nails per piece. Attach Side Angle Cut Fascia to batten ends with 4 - 1 1/4" screws. Attach next piece of Front Fascia. Align corner fascia as per **Step 62.** **Note,** with corner Fascia correctly aligned, a small gap may occur where Front Fascia's meet. This will be covered by Fascia Detail Plate in **Step 72.**



64. Locate **Rear Fascia** (4 1/2" wide) and align with top edge of roof shingles. Attach fascia to rafter ends with 6 - 1 1/2" finishing nails per piece. Complete both Rear Fascia pieces. **Note,** Detail Fascia Plate not required in the rear.



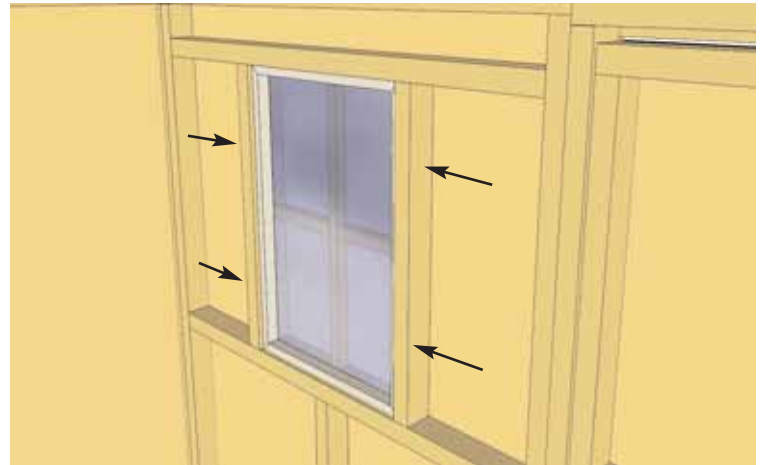
65. Position **Roof Ridge Boards** at the rear of roof to cap shingles and fascia off. Ridge Board should meet on seam of roof panel. When aligned correctly, attach with 3 - 2 1/2" screws. Screw into outside, mid and center rafter.



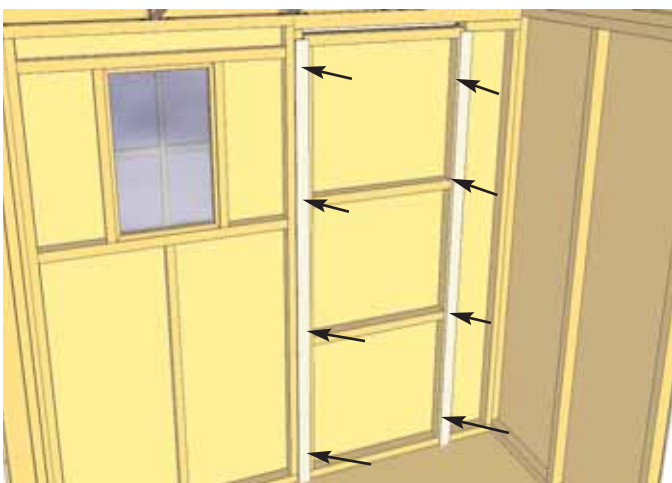
66. Complete both Roof Ridge Boards



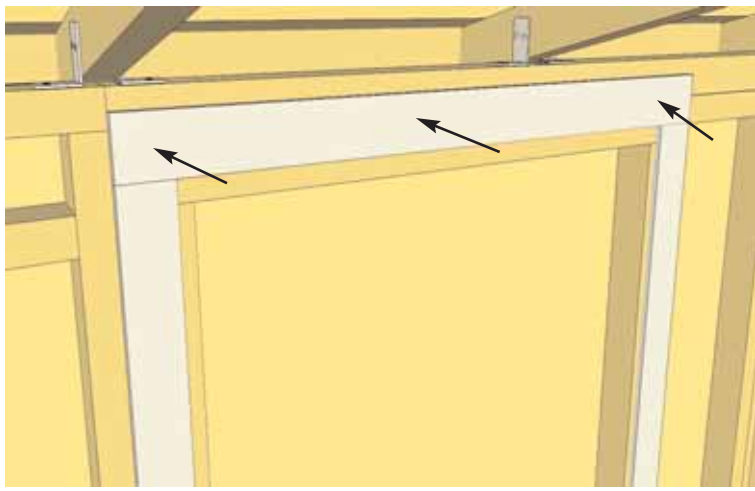
67. Locate **Window Insert** and place in window wall cavity.



68. Place Window Insert into opening. Push so window trim sits flush against wall siding. On the inside, shim Window Insert evenly in cavity. SpaceSaver kits include one additional shingle for shimming of the window. When properly positioned, secure Window Insert to wall framing cavity with 4 - 2" screws.



69. 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 70** for detail. Use 4 - 2" screws to secure each Stop. Stops should overlap door by approx. 1/2".



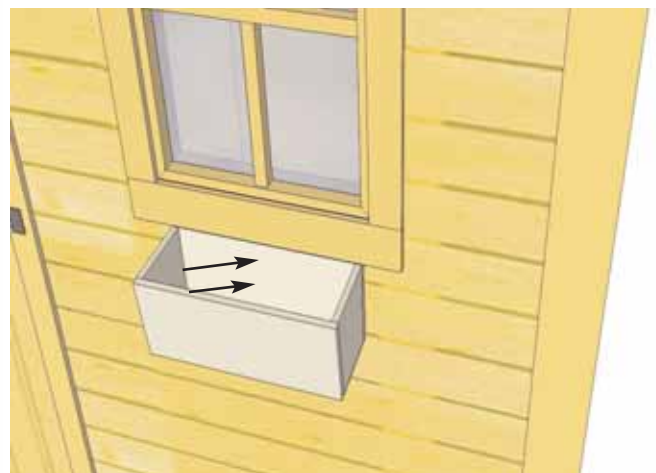
70. Attach Horizontal Door Stop to Door Header with 3 - 2" screws.



71. Attach **Door Handle and Exterior Barrel Bolt**. Handle is positioned on top part of door. Barrel Bolt should be positioned on middle door trim and narrow trim. Use hardware provided in each kit.



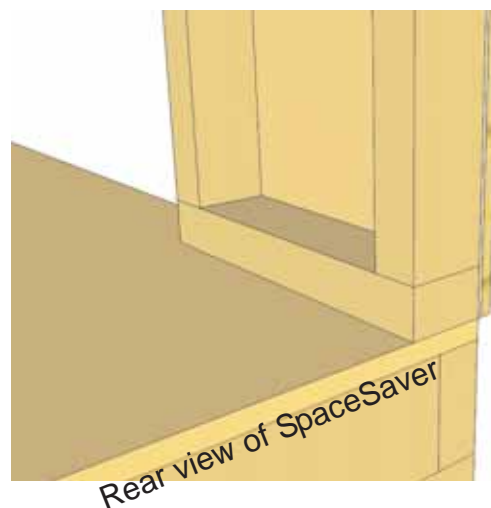
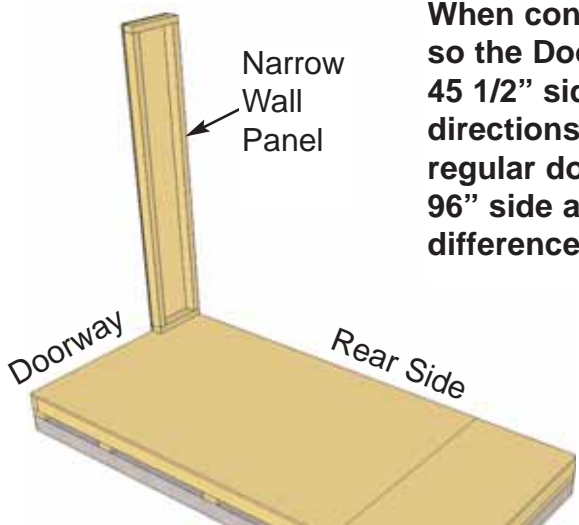
72. Attach **Facia/ Detail Plates** to cover seam where Front Facia pieces come together. Secure 4 - 1 1/2" finishing nails .



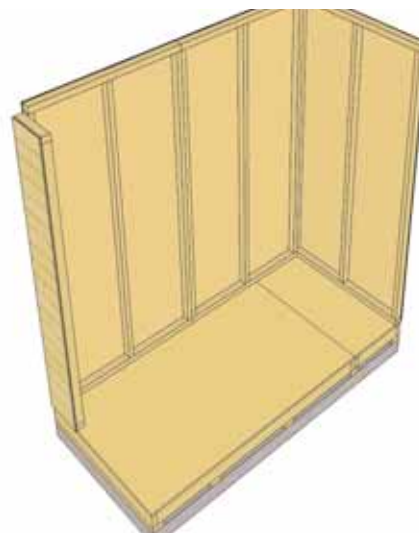
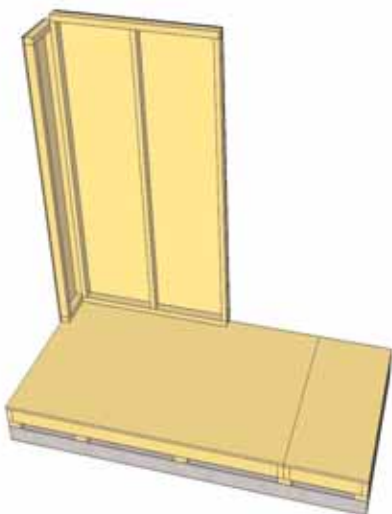
73. Attach **Window Box** below bottom of window trim with 2 - 2" screws. Screw from inside of box into the center wall stud. Attach second screw 2" below top screw.

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

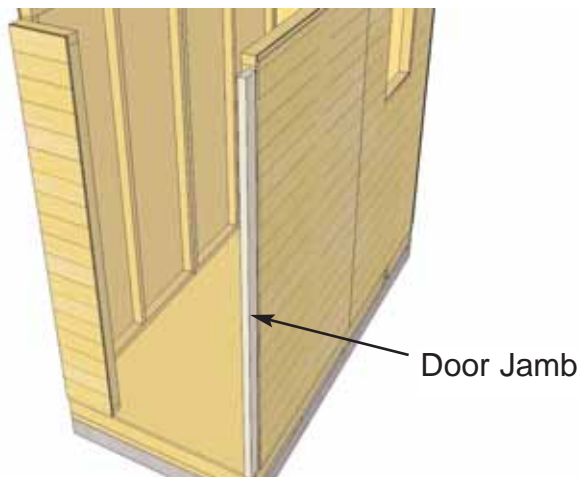
When configuring the SpaceSaver so the Door is positioned on the 45 1/2" side. Follow the general directions in this manual for a regular door configuration on the 96" side and note the following differences.



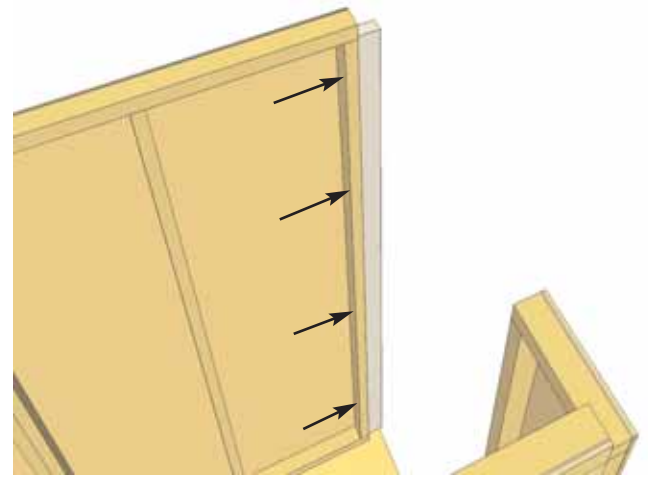
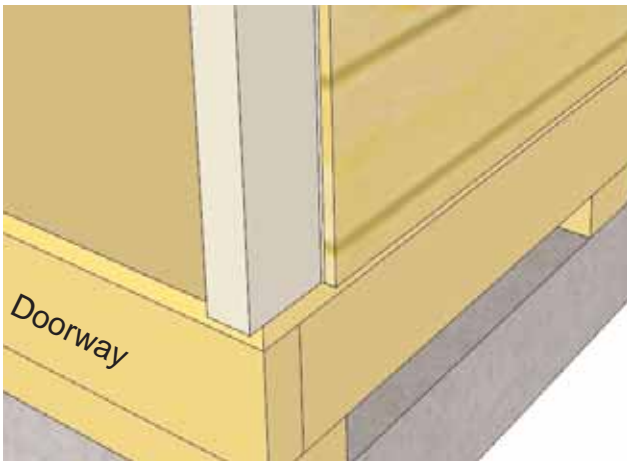
A. Starting in rear corner, position the Narrow Wall Panel bottom framing so it sits flush with plywood. Wall siding will overhang the floor by 1/2".
Note, make sure to use the Larger Floor Panel on the same side as doorway.



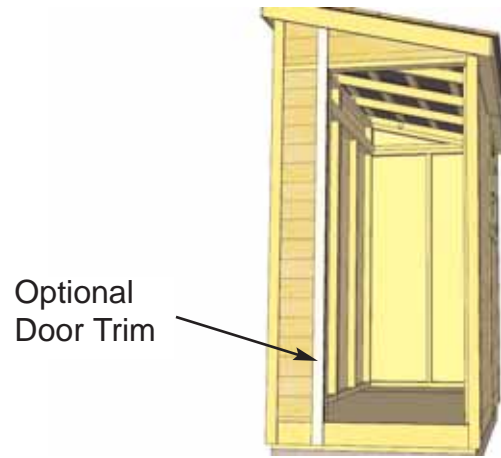
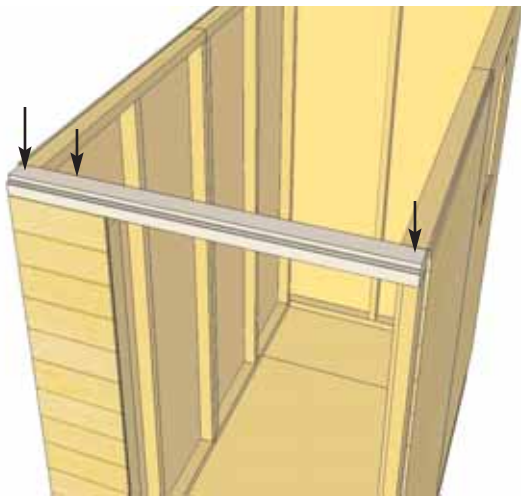
B. Follow sequential **Steps 11-15** in the wall section for regular configuration to position and secure wall panels.



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

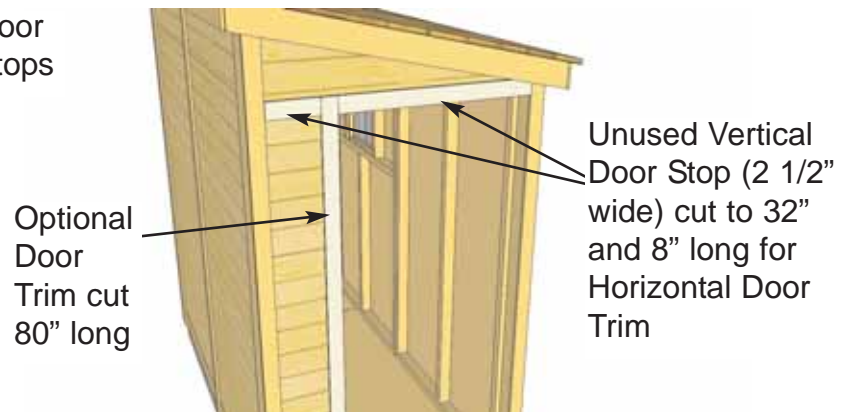
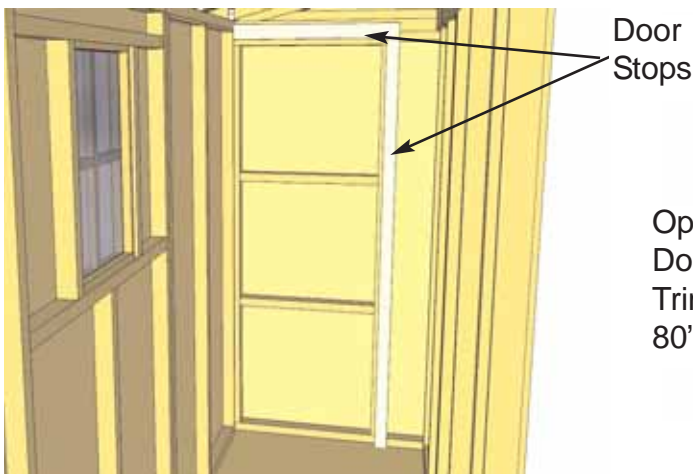


D. Align Door Jamb so Flush with bottom plate of wall framing. Wall siding will overhang 1/2" on outside. Plate will overhang doorway side by 1/2". When correctly aligned, attach Door Jamb to wall stud with 4 - 2 1/2" screws.



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 6 - 1 1/2" finishing nails. See **H.** for alternative method. See **Step 57** to finish Door Trim.



G. Attach 1 Vertical and Horizontal Door Stop. See **Step 69** 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 51 & 57**.



We hope your experience constructing our building has been both positive and rewarding.

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