12x4 SpaceSaver Shed with Sliding Doors Assembly Manual

Stock Code
SS124-Slider

Version #2.4
October 24, 2019

Thank you for purchasing a 12x4 SpaceSaver Shed with Sliding Doors. 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 on level ground and normal residential use. Please follow the instruction manual when building your shed and retain the manual for future maintenance purposes.

Customers are responsible for ensuring a solid, level, well-draining site for construction.

Please check with your local municipal or county by-laws before ordering this product to confirm it complies with building codes.

- **Snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep snow off roof frequently.**
- **If the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.**
- **In areas with high or gusty wind conditions, it is advisable to install the structure securely to the ground.**
- **Have a regular maintenance plan to ensure screws, doors, windows and parts are tightly affixed.**

Customer agrees to hold Outdoor Living Today and any Authorized Dealers free of any liability for improper installation, maintenance and repair.

In the event of a missing or broken piece, call the Outdoor Living Today Customer Support Line @ 1-888-658-1658 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.

All structures purchased from Outdoor Living Today are covered for a period of one year for defects in manufacturing and workmanship. Costs incurred for customer installations are not included.

Failure to use supplied parts included in this kit could result in poor product performance and may void your warranty. Please contact Outdoor Living Today's Customer Toll Free Line if you plan to deviate from our written instructions.

Thank you for purchasing our 12x4 SpaceSaver Sliding Door Shed.
Please take the time to identify all the parts prior to assembly.

1. Floor Section — Parts List - Pages 2 and 3	Steps ↓
Floors	
1A: 2 - 45 ½" x 70 ¾" - Floor Frames	1-6
1B: 4 - 1 ½" x 3 ½" x 67 3/4" - Floor Joists	
1C: 7 - 1 ½" x 3 ½" x 45 ½" - Floor Runners	
1D: 2 - 5/8" x 45 3/8" x 70 5/8" - Plywood Floor	
2. Wall Section	**Steps ↓**
Main Wall Panels	
2A: 5 - 45 ½" x 75" - Side/Rear Wall Panels	7-13
2B: 5 - 1 5/8" x 2 ½" x 45 ½" - Bottom Wall Plates - Side/Rear Walls	
2BB: 2 - 1 5/8" x 2 ½" x 35" - Bottom Wall Plates - Front Walls	
2C: 2 - 35" x 73" - Front Wall Panels	
Door Headers	
2D: 2 - 2" x 3 ½" x 26 ¼" - Door Headers - Short	14-15, 23
2E: 1 - 2" x 3 ½" x 84" - Door Header - Long (88" Aluminum Strip Attached)	
2EE: 1 - 1 ½" x 3" x 66 ½" - Interior Door Header	
Extender Walls	
2F: 2 - Top Triangular Siding Pc for Angle Wall Extenders	16-21
2G: 2 - 45 ¼" - Angle Wall Extenders - Left/Right	
2H: 3 - 9" x 45 ½" - Wall Extenders	
Wall Cleats	
2I: 1 - ¾" x 3 ½" x 84" - Horizontal Wall Cleat - Long	22
2J: 2 - ¾" x 3 ½" x 26 ¼" - Horizontal Wall Cleats - Short	
3. Rafter and Roof Section	**Steps ↓**
Rafters	
3A: 9 - 1 ½" x 2 ½" x 54" - Rafters	24-29
3B: 2 - 1" x 3 ½" x 48" - Front Soffits - Left/Right	
3C: 1 - 1" x 3 ½" x 45 ½" - Front Soffit - Center	
3D: 2 - ½" x 3" x 48" - Rear Soffits - Left/Right	
3E: 1 - ½" x 3" x 45 ½" - Rear Soffit - Center	
Roofs	
3F: 2 - ¾" x ¾" x 48" - Facia Nailing Strips	30-39
3G: 2 - Roof Panels - 51" w x 56" d (1 - Left 1- Right)	
3H: 1 - Roof Panel - 45 ½" w x 56" d (Center)	
3I: 8 - 5 ½" Wide x 16" to 18" long - Filler Shingles	
4. Trim & Miscellaneous Section	**Steps ↓**
Bottom Skirting	
4A: 5 - ¾" x 4 ½" x 45 ¼" - Side/Rear Bottom Skirting (Bevel Siding)	42-44
4B: 3 - ½" x 4 ½" x 45 ¼" - Front Bottom Skirting	
Filler Trim	
4C: 4 - ½" x 2 ½" x 38" - Front Corner Filler Trims	45-46
4D: 4 - 7/8" x 2 ½" x 42" - Rear Corner Filler Trims	
Door System	
4E: 2 - Aluminum Door Tracks	47-52
4F: 2 - 36" x 73" - Sliding Doors	
4G: 1 - ¾" x 3 ½" x 71 ½" - Interior Door Flange	
4H: 2 - 1 ½" x 2 ½" x 66 ½" - Lower Door Track	
4I: 2 - ¾" x 3 ½" x 30 ½" - Lower Door Track Cover - Left/Right	
4J: 1 - ¾" x 3 ½" x 72" - Lower Door Track Cover - Center	
4K: 2 - ¾" x 1 ½" x 3" - Sliding Door Track Stops - Left/Right	
4L: 1 - ¾" x 1 ½" x 4" - Sliding Door Track Stop - Center	
Outer Wall Trim	
4M: 2 - ½" x 5 ½" x 78 ½" - Front Corner Trims	53-55
4N: 2 - ½ x 2 ½" x 80" - Side Front Corner Trims	
4O: 2 - ½" x 5 ½" x 88 ¾" - Rear Corner Trims	
4P: 4 - ½" x 2 ½" x 88 ¾" - Side Rear Corner & Middle Trims	

4. Trim & Miscellaneous Section Cont.	Steps ↓
Facia	**56-60**
4Q: 2 - ½" x 5 ½" x 54 1/8" - Side Facia (Angle Cut Ends)	
4R: 4 - ½" x 5 ½" x 50 ½" - Front and Rear Facia - Left/Right	
4S: 2 - ½" x 5 ½" x 45 ½" - Front and Rear Facia - Center	
4T: 4 - Facia Detail Plates (5 ½" high)	
Ridge Boards	**61**
4U: 3 - ½" x 4 ½" x 49 ¼" - Roof Ridge Boards	
Windows	**62-63**
4V: 2 - Window Inserts 18 1/4"w x 23"h	
4W: 2 - Window Trim Kits	
1 - Top pc - 24 1/16" Length - Angle Cut Ends	
3 - Side/Bottom pcs - 23" Length	
Miscellaneous	
4X: 1 - 45 ¼" - Extra Piece of Bevel Wall Siding	
- Use if side/rear wall panel siding is damaged or to shim floor or door.	
4Y: 1 - 36" - Extra Piece of Lap Siding	
- Use if front wall panel siding is damaged	

12X4 SpaceSaver Sliding Door Shed HARDWARE PACKAGE

BR1 - Square Drive Bit  x 2

N1 - 1 1/2" Finishing Nails  x 305

S4 - 3" Screws  x 28

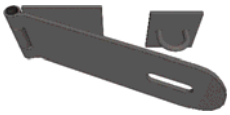
S1 - 2 1/2" Screws  x 250

S2 - 1 1/4" Screws  x 190

SB1 - 3/4" Screws  x 20
Black Headed


Y35 - Roller Assembly x 4


Y2 - 90° Metal Bracket (Roof) x 8


Y11 - Black Hasp x 1


Y3 - Black Handle x 2

Tools Required (Not Provided)


Utility Knife


Pliers


Hammer


Screw Gun/Drill

Tape Measure


Level


Wood Clamp


Ladder

1/8" Drill Bit

Safety Equipment Required

(Not Provided)


Safety Glasses


Work Gloves

What Can I Do Before My Shed Arrives?

Before starting your project become familiar with this assembly manual and determine if you can complete the project yourself or will require a professional contractor. Please note that certain counties and municipalities require building permits prior to installation. We recommend to all consumers that they check with their local county/municipality for these specifics prior to purchasing any of our products since this is your sole responsibility.

Prior to the product arriving, clear the construction area. Remove all debris; roots, grass, rocks, etc. Make sure the ground slopes away from the site at least 10 feet in all directions. If necessary, build up the soil in the center of the site and slope away for the high point to provide drainage. Fill in any low spots within the perimeter of the site. A slope of 1/8 inch per foot is enough to prevent water accumulation. We recommend excavating the site 4-6 inches deep and laying gravel or crushed rock where drainage may be a concern.

What type of foundation should I use?

Patio Stone Foundation : If the ground is stable and has sufficient drainage, you can set patio stones directly on firm compacted soil. If not, consider laying down sand and then gravel or crushed rock. Excavate the site making it about 12" wider and longer than the floor footprint. Excavate down approximately 4-6 inches deep. Lay 1-2 inches of sand first and then fill with 3-4 inches of gravel or rock for good drainage and support. Most of our sheds and playhouses include floors with support runners. Support each runner with 4-5 patio stones (less for smaller sheds). Patio stones can be anything from a mid size brick to a round our square 12" long by 1 1/2" thick stone. Place stones directly under the floor runners, check for level and adjust height as necessary. Having a solid and level foundation is the most critical piece of work you can do to make the project go smoothly. Most of this work can be done prior to your shed arriving!

4x4 Pressure Treated Beam Foundation : You can build directly on pressure-treated beams or railroad ties laid on a properly prepared construction site as mentioned above. Run beams perpendicular to floor runners. Use a 2x4 straight piece of lumber on edge and a carpenter's level to position correctly. To prevent the beams from shifting, secure them with ½ inch rebar inserted through holes drilled in the beams and driven 3 to 4 feet into the ground. Leave each side or end of the foundation open to promote drainage and air circulation beneath the floor. Consider using a wire mesh or equivalent to prevent pesky critters from gaining access on ends.

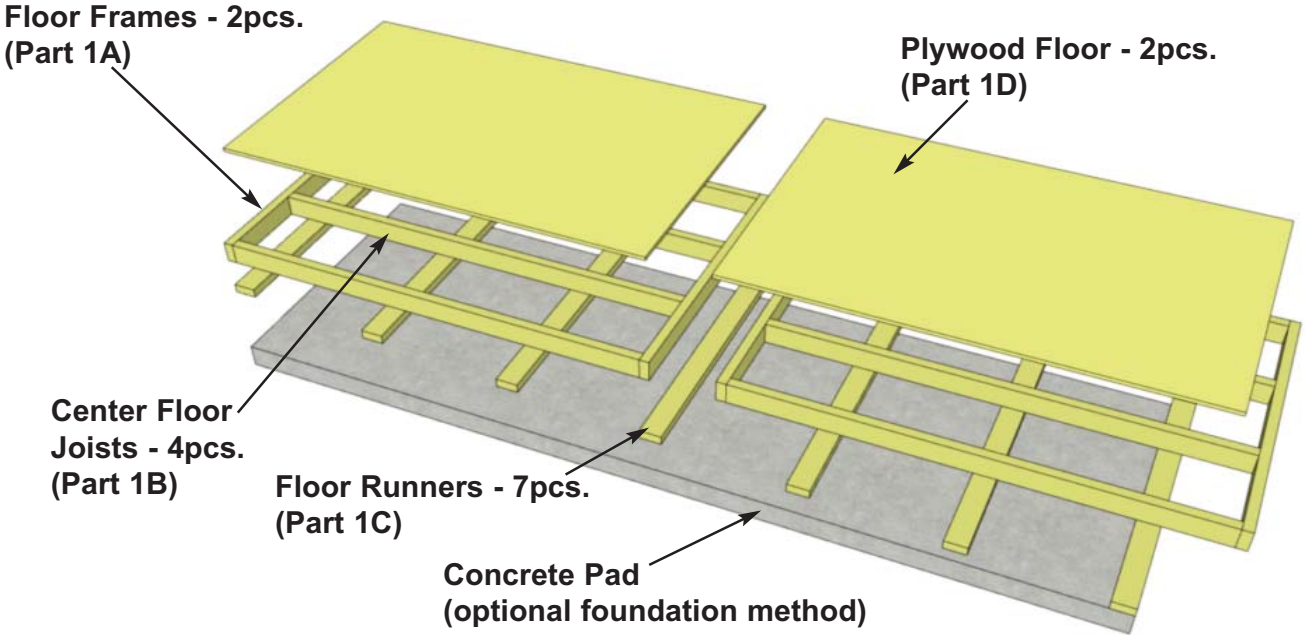
Concrete - Slab Foundation : Typically a slab 3-4 inches thick laid over a sub-base of 4 inches of gravel or crushed rock is sufficient but may vary depending on your geographic location. Using either mix your own concrete or having it delivered by truck, ready to pour, depends on how much time and effort you have to dedicate to the project. In any event, make sure you excavate the slab area to a depth 6 inches. This would put the finished slab surface approximately 2 inches above ground (remember you will be using 4 inches of gravel as your subbase). For example, a slab for our 8'x12' SpaceMaker Shed will require approximately 1 cubic yard of premixed concrete.

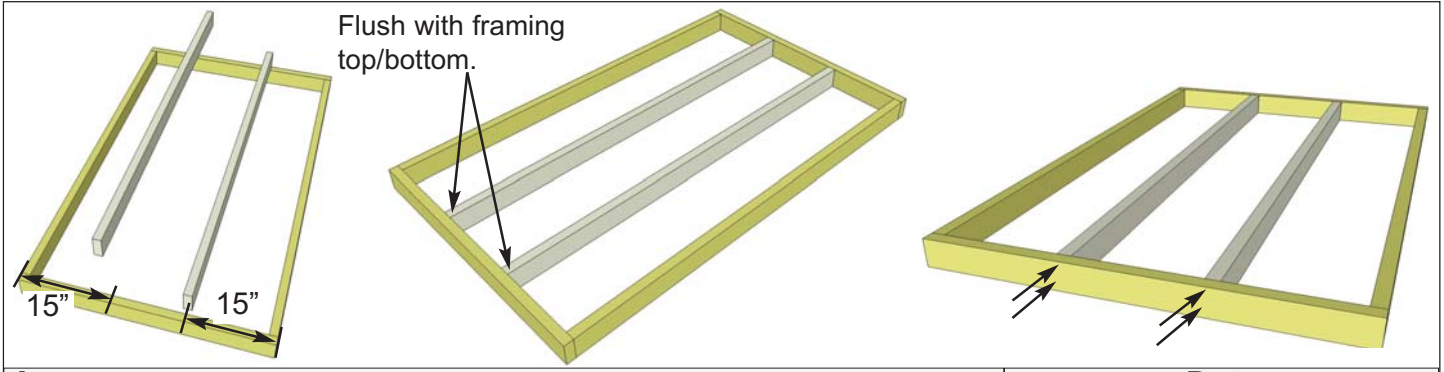
For more detailed information on how to pour your concrete-slab foundation or any other questions regarding specifications, foundations and permits, please visit our website at **www.outdoorlivingtoday.com** or call our Customer Support Line at **1-888-658-1658** to speak with a Product Representative.

* Please note that all measurements in our Detailed Assembly Manuals may be subject to change without notice. Please confirm exact foundation size with Outdoor Living Today if you have any concerns or questions.

1. Floor Section

Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting. Note: Floor Footprint is 141 1/2" wide x 45 1/2" deep.





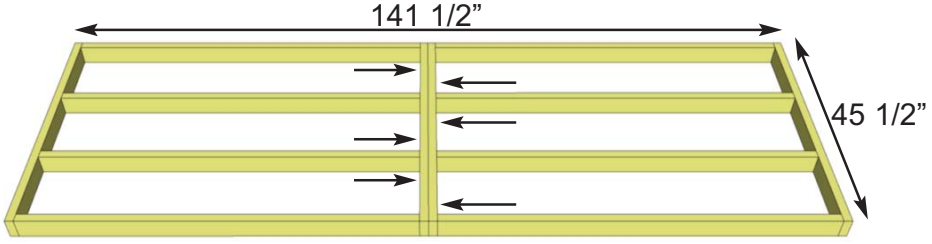
1. Lay out **1A - Floor Frame** and two **1B - Floor Joists** as illustrated above. Position the center of each Joist 15" from the outer edge of Floor Frame. When correctly positioned, attach each Joist with **4 - 2 1/2" Screws** (2 per end). **You can find the Square Drive Screw Bit in the Hardware Kit Bag.** Complete remaining Floor Frame the same.

Parts

1A - Floor Joist Frames
(45 1/2" x 70 3/4") **x 2**
1B - Floor Joists
(1 1/2" x 3 1/2" x 67 3/4") **x 4**

Hardware

S1 - 2 1/2" Screws x 16 total

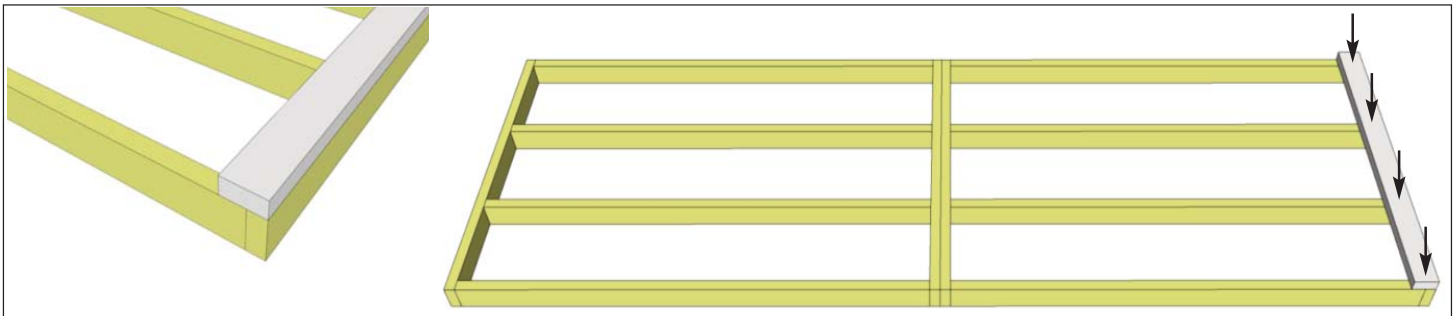


You can find BR1 - Square Drive Bit for the screws in with the Hardware Kit Bag.

2. Lay out both complete floor joist frames as illustrated. The footprint for the floor when attached together will be 141 1/2" wide x 45 1/2" deep. Attach frames together with **6 - 2 1/2" Screws.**

Hardware

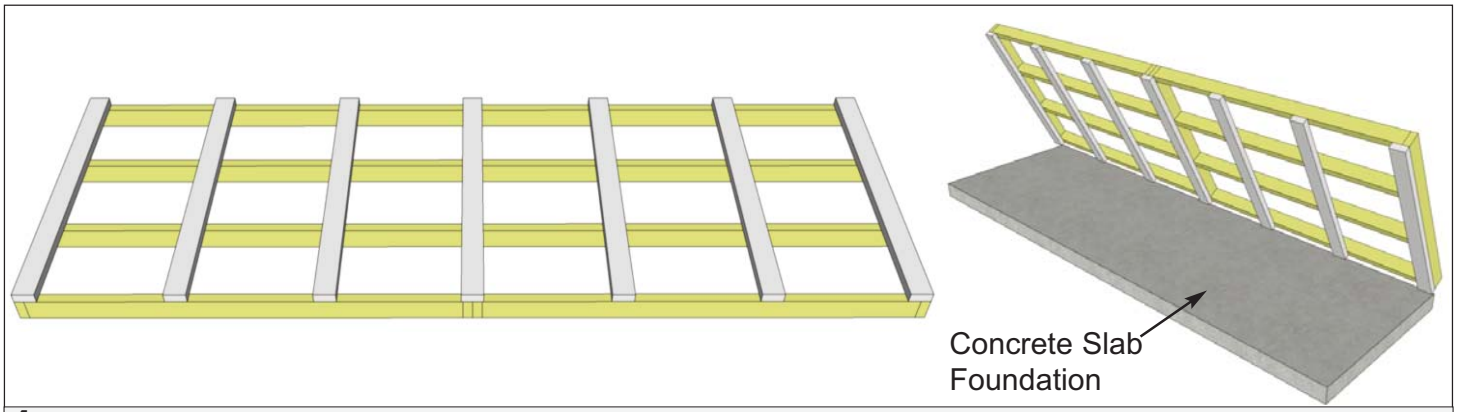
S1 - 2 1/2" Screws
x 6 total



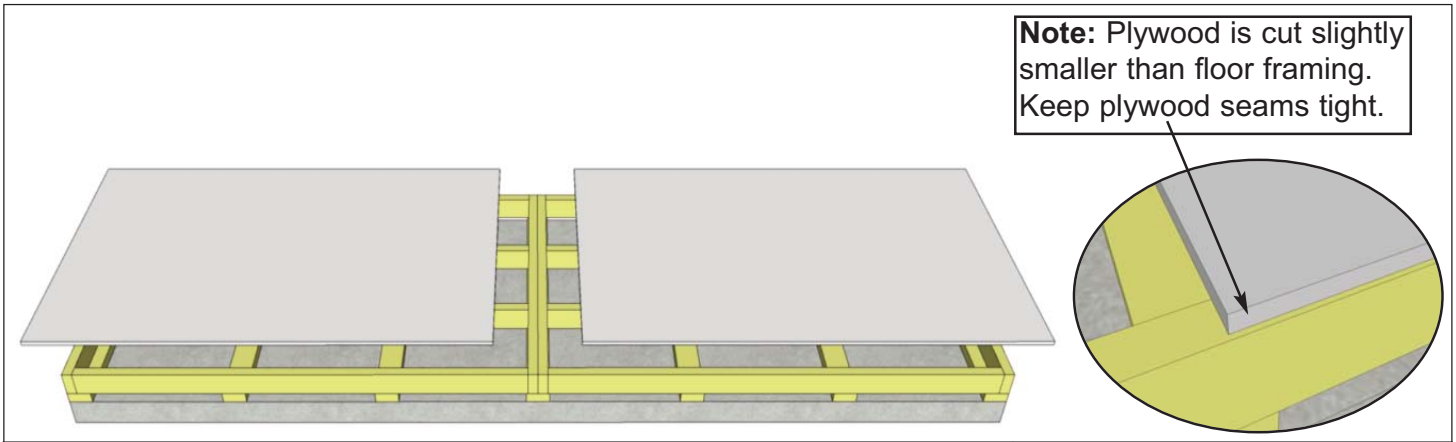
3. Position **1C - Floor Runners** on completed floor frame so runners are flush but not overhanging. Attach with **4 - 2 1/2" Screws** per runner. There are 7 floor runners in total.

Parts (Steps 3 - 4)
1C - Floor Runners
(1 1/2" x 3 1/2" x 45 1/2") **x 7**

Hardware (Steps 3 - 4)
S1 - 2 1/2" Screws x 28 total

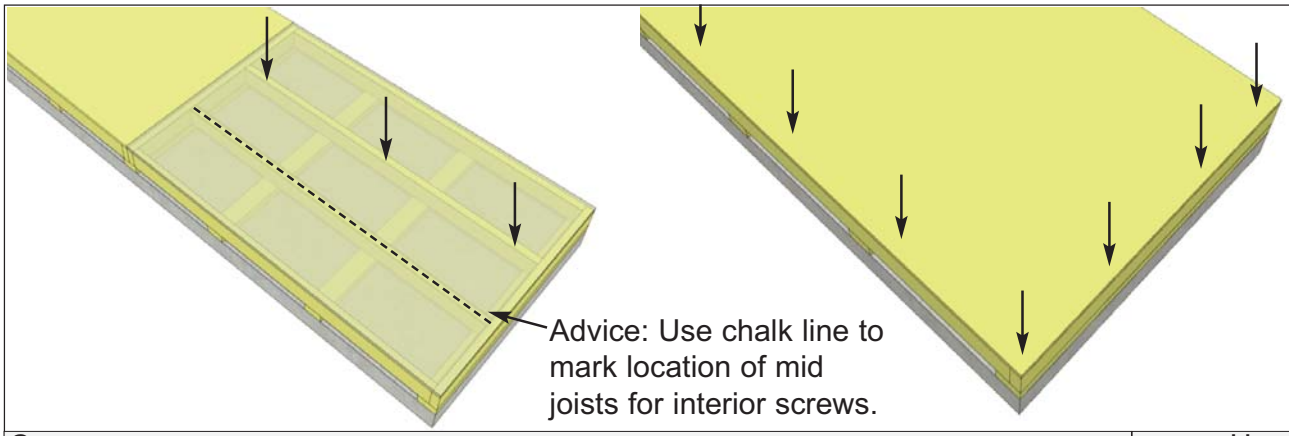


4. Complete remaining floor runners as shown above. With Floor Runners attached, carefully flip the floor over and place on your foundation. **Caution -** Be careful when laying floor down not to bend or twist floor. **Note:** Having a level foundation is critical. Choosing a foundation will vary between regions. Typical foundations can be concrete pads or patio stones positioned underneath the floor runners.



5. Position **1D - Plywood Floor** on top of completed floor frames. Plywood will sit slightly inset from outside of floor frame.

Parts
1D - Plywood Floor
(5/8" x 45 3/8" x 70 5/8") **x 2**

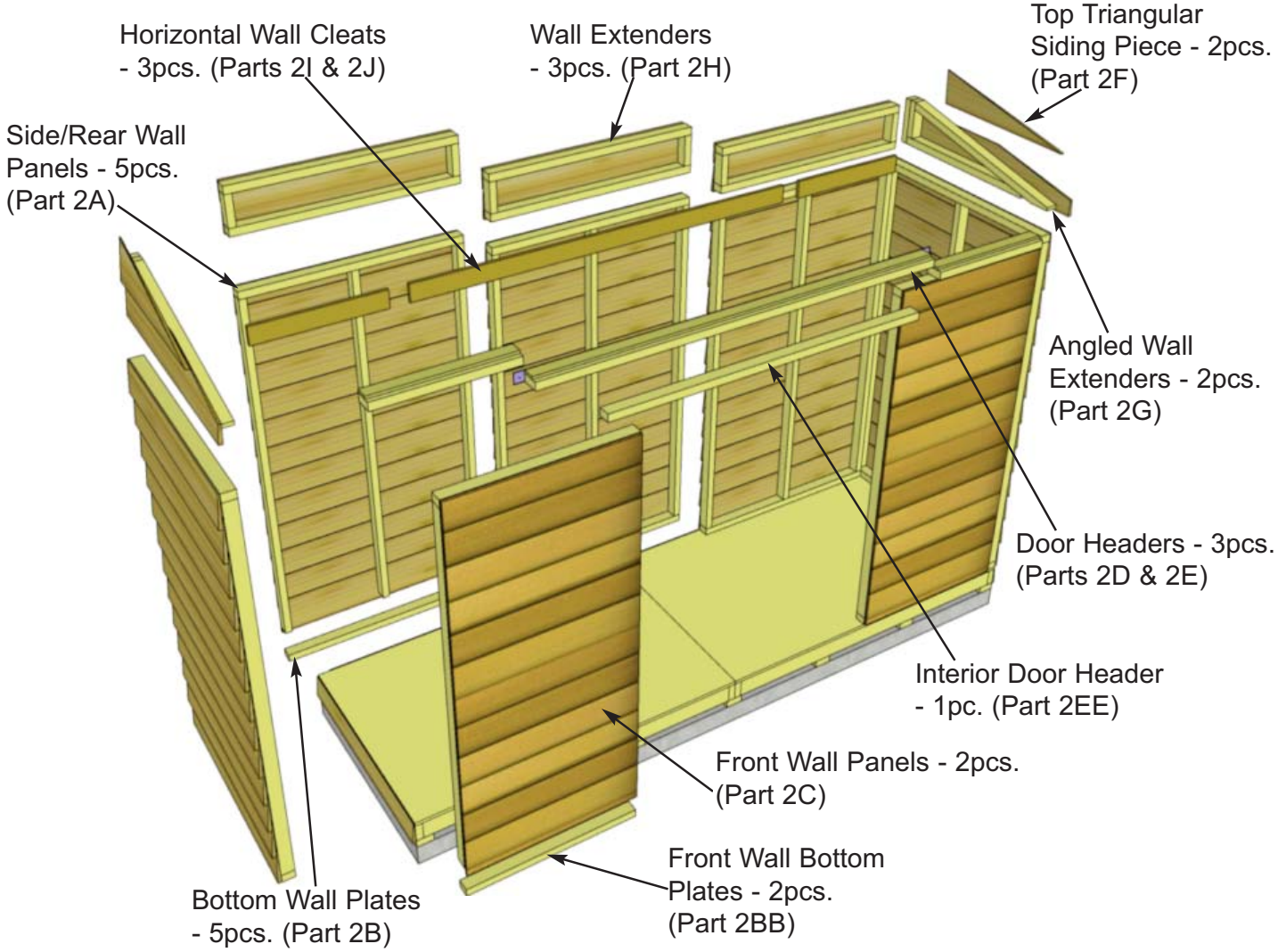


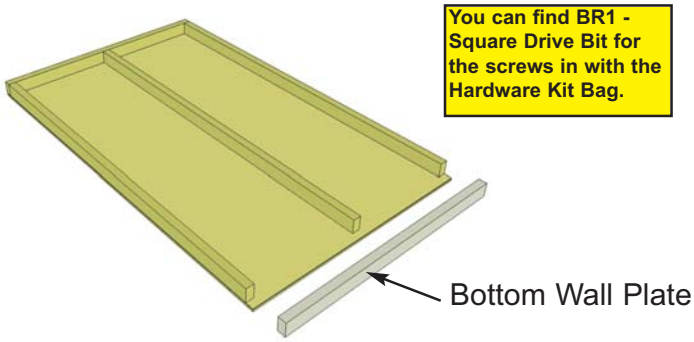
6. With Plywood positioned correctly on floor framing, attach with **1 1/4" Screws**. Use screws every 16" around perimeter of each floor section and 3 screws through each mid joists.

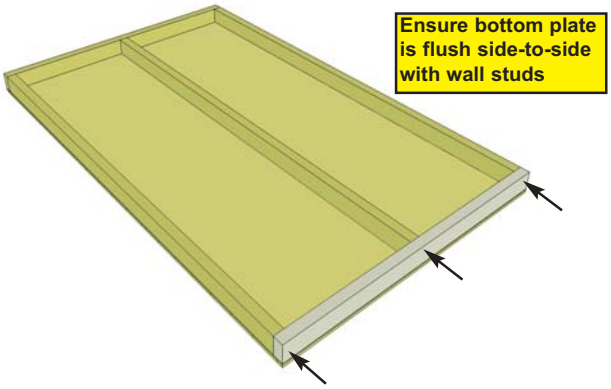
Hardware
S2 - 1 1/4" Screws
x 40 total (approx.)

2. Wall Section

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



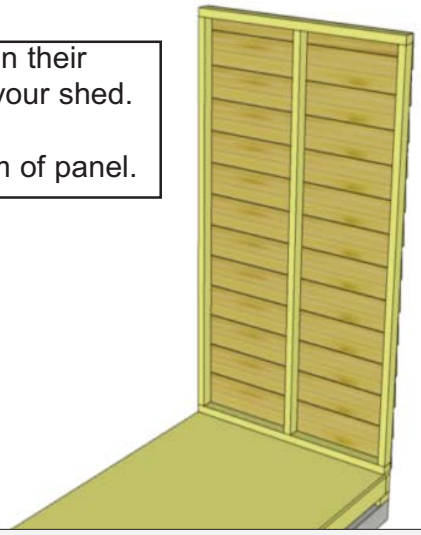




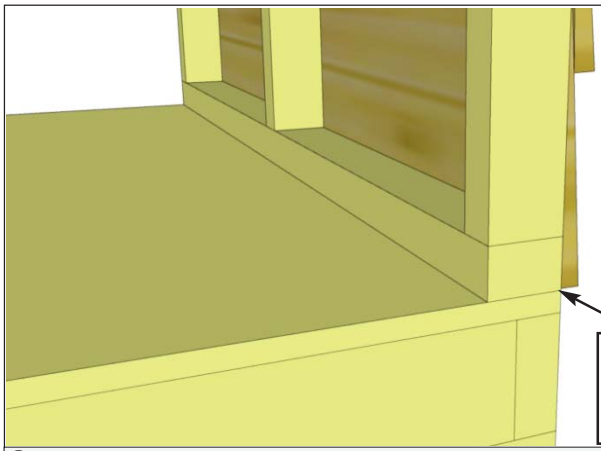
7. Carefully lay **2A - Side/Rear Wall Panels** face down. Position and attach **2B - Bottom Wall Plates** to bottom of wall studs of each wall panel with **3 - 2 1/2" Screws**. Position so plates are flush with framing. Complete 4 remaining solid walls.

Parts	Hardware
2A - Side/Rear Wall Panels (45 1/2" wide x 75" high) **x 5** **2B - Bottom Wall Plates** (1 5/8" x 2 1/2" x 45 1/2") **x 5**	**S1 - 2 1/2" Screws** x 15 total

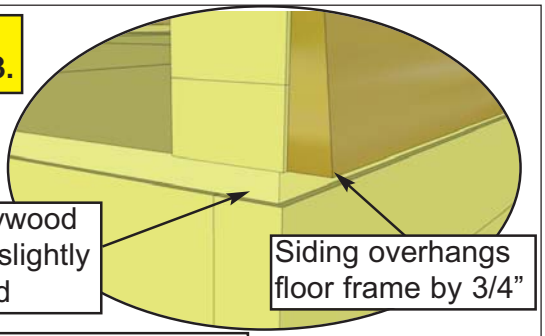
Important: Make sure all walls are aligned in their upright position. If not, water may leak into your shed.
Unsure if panel is facing up or down?
Recently attached Bottom Plate is on bottom of panel.



8. Starting on one side, position a Solid Wall Panel on top of plywood floor. The Wall Panel bottom framing will sit flush with the outside of the floor frame. Wall siding will overhang the floor.

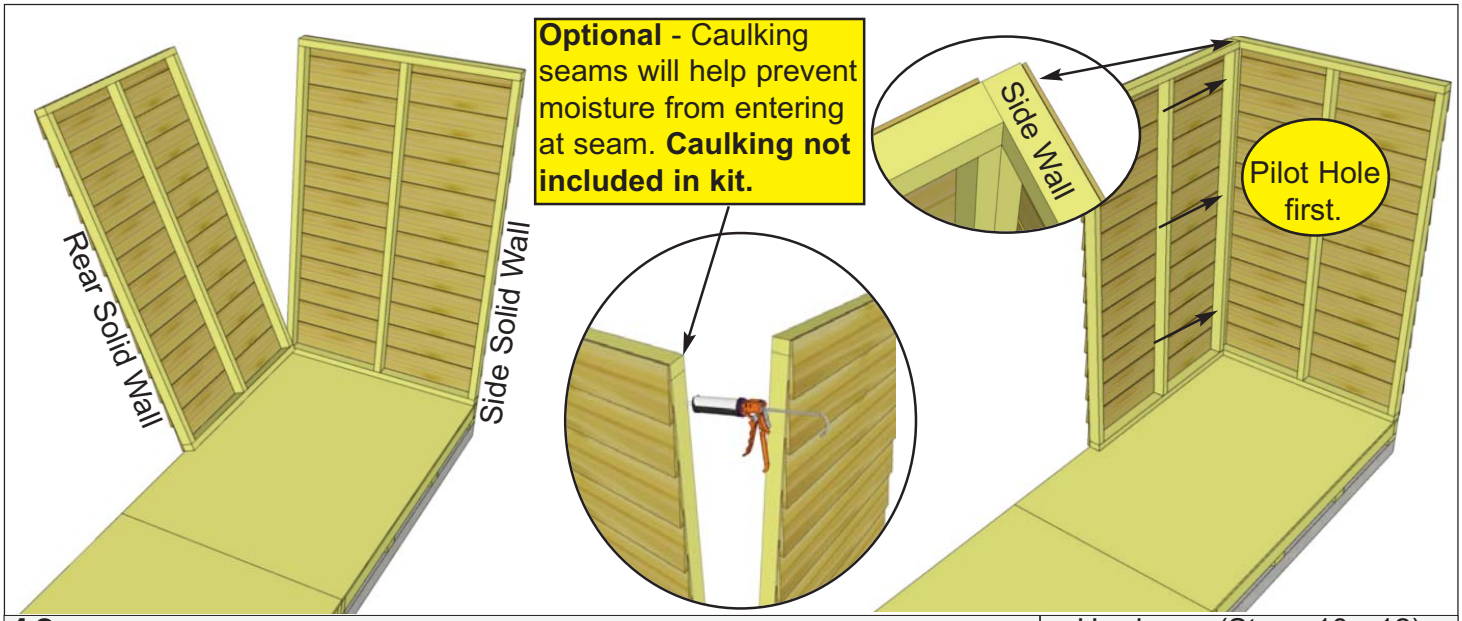


Do Not Attach Walls To Floor until Step 23.



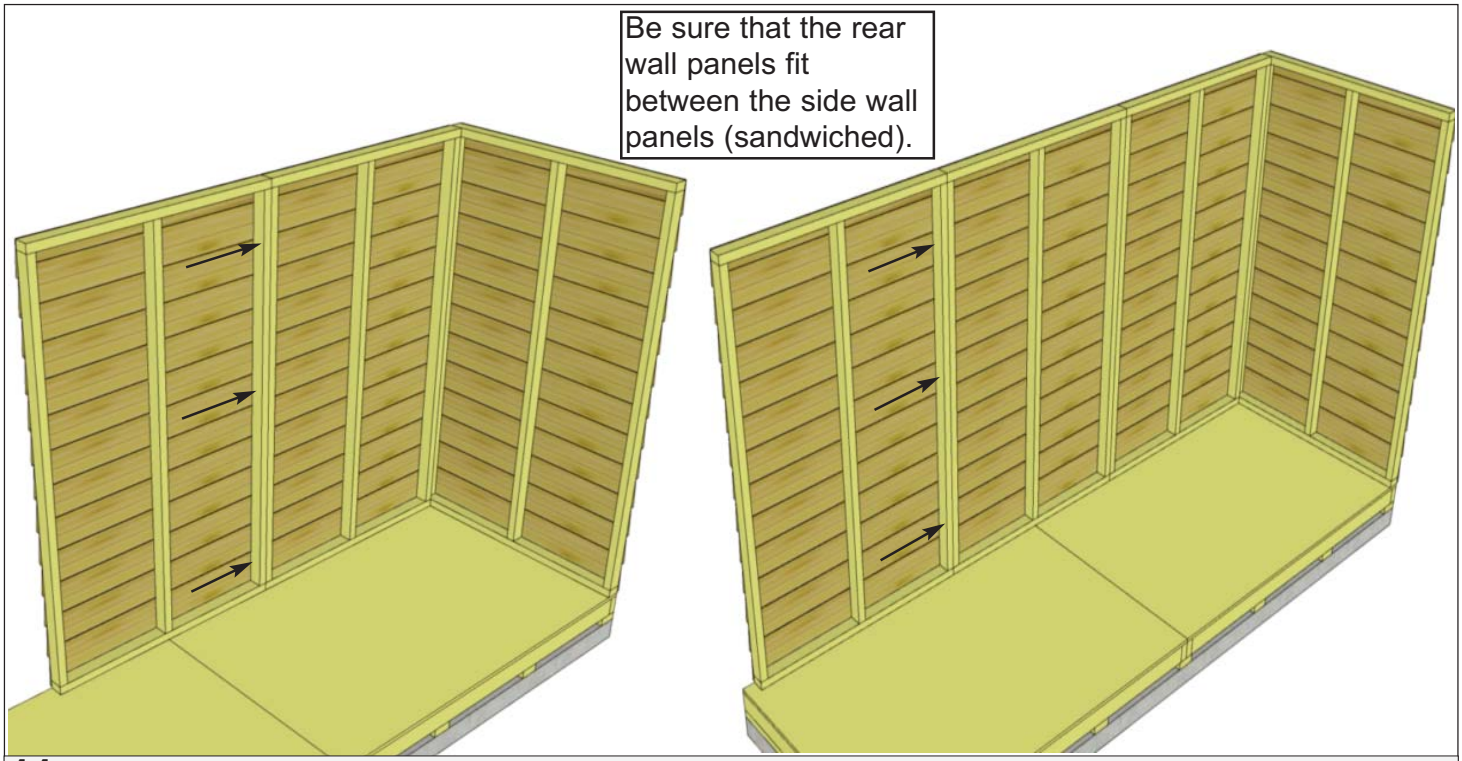
Outside 2x3 framing of wall panel should be positioned flush with the outside of floor framing when properly aligned.

9. The rear wall panels will sit even with the floor frame and the sidewall panels will be sandwiched between the front and rear wall panels. The floor plywood may be slightly recessed.
Note: Siding will overhang the floor frame by approximately 3/4".



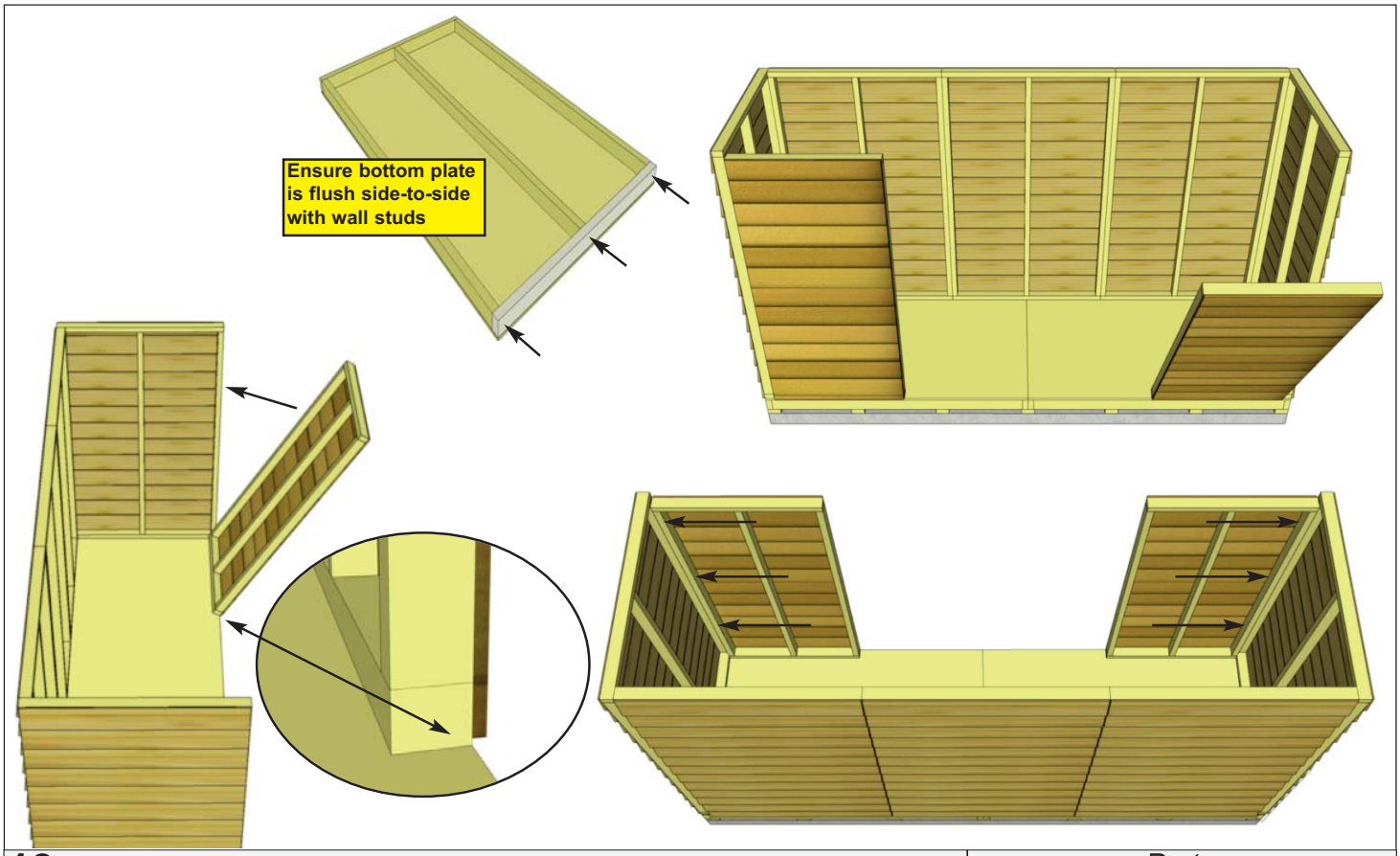
10. Position rear solid wall into place on plywood floor. Butt both vertical wall studs of side and rear walls together and attach with **3 - 2 1/2" Screws**. Screw at the bottom, middle and top of stud to secure properly.
Note: Drill pilot holes in studs to prevent splitting.

Hardware (Steps 10 - 12)
S1 - 2 1/2" Screws
x 12 total



11. With the corner wall attachment complete, position a second rear wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor joists. Wall siding should overhang floor by approximately 3/4". When positioned correctly, attach both side wall panel studs together as per **Step 10**.

12. Complete remaining side wall attachment as per **Steps 10 - 11.**



13. Carefully lay **2C - Front Wall Panels** face down. Position and attach **2BB - Bottom Wall Plates** to bottom of wall studs of each wall panel with **3 - 2 1/2" Screws** as per **Step 7**. Complete other remaining Front Wall.

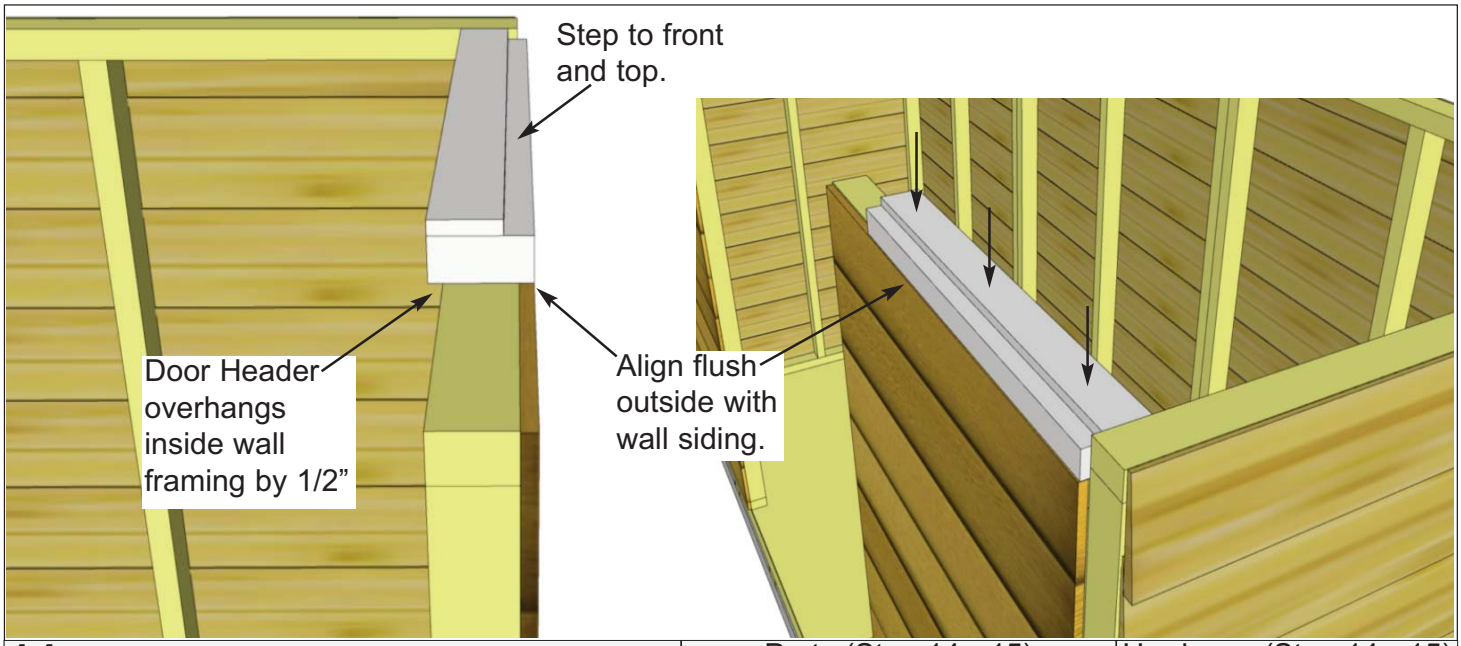
Place Front Walls so wall framing is flush with floor frame and siding overhangs. Attach with **3 - 2 1/2" Screws** per panel as per **Steps 10 - 12.**

Parts

2C - Front Wall Panels
(35" wide x 73" high) **x 2**
2BB - Bottom Wall Plates
(1 5/8" x 2 1/2" x 35") **x 2**

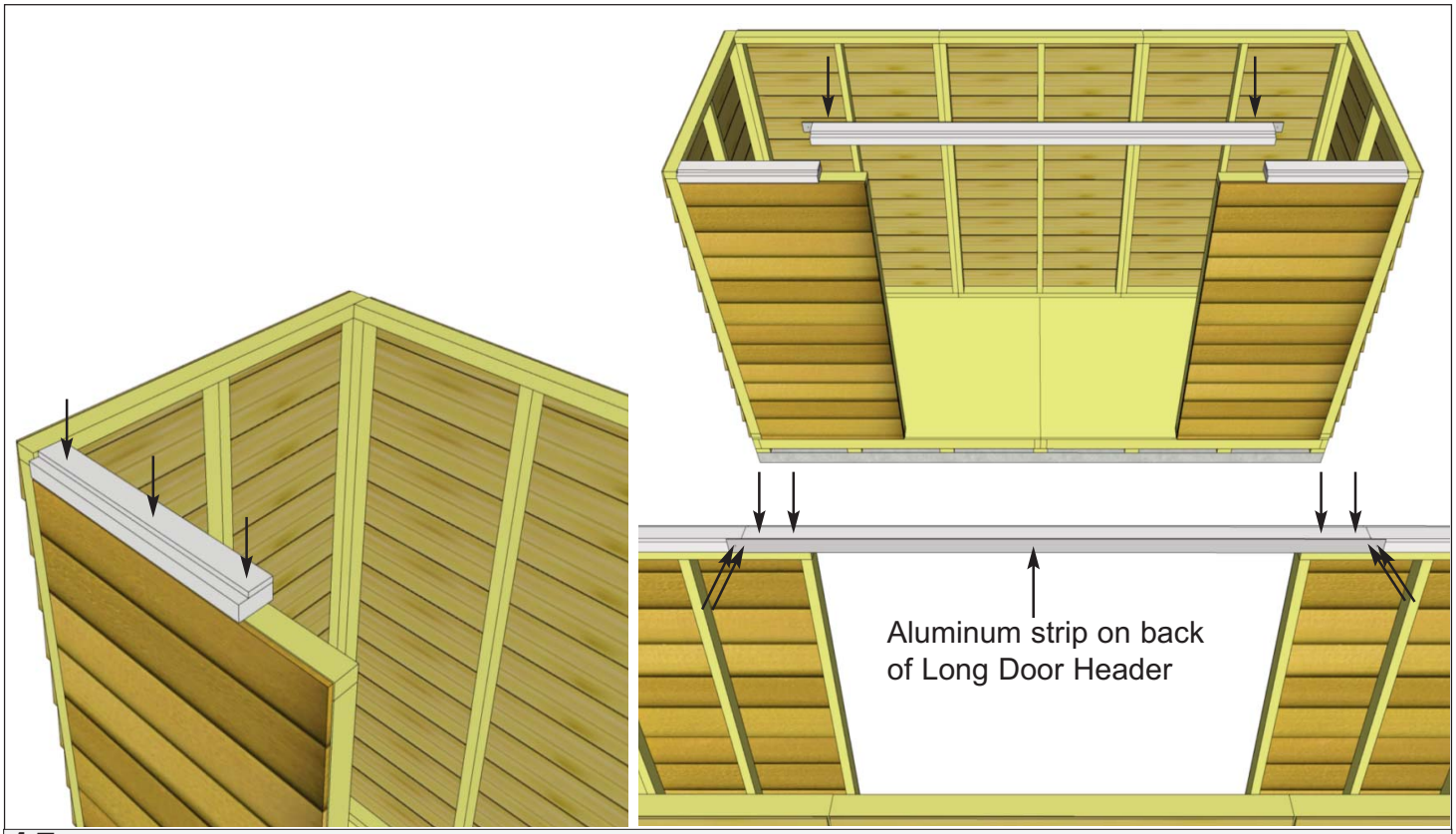
Hardware

S1 - 2 1/2" Screws x 12 total

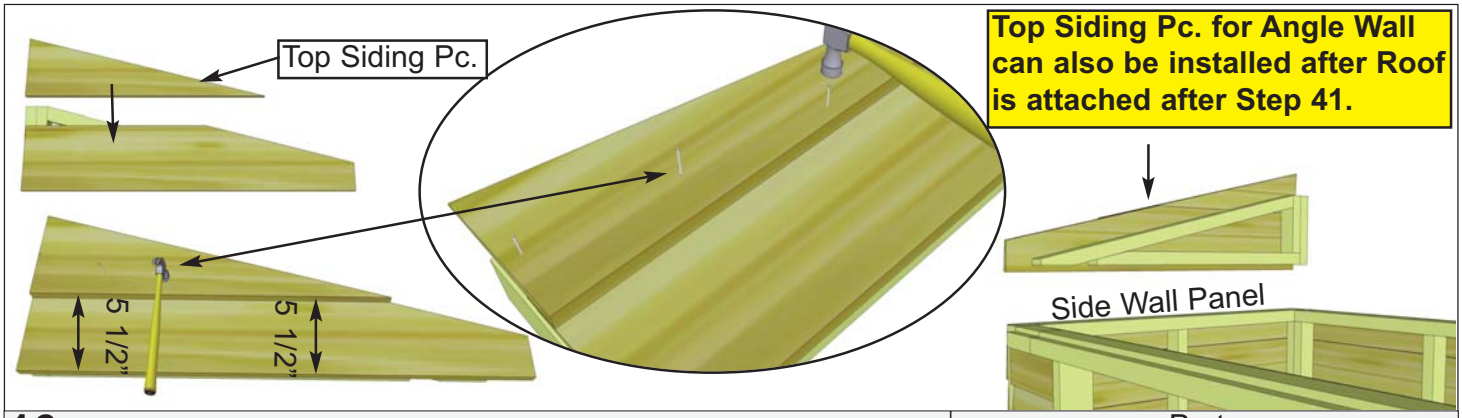


14. Position **2D - Door Header - Short** on top of wall stud so it is flush on the inside with 2x3 wall stud. Attach by screwing down into top wall framing with **3 - 3” Screws**.

Parts (Step 14 - 15)	Hardware (Step 14 - 15)
2D - Door Headers - Short (2” x 3 1/2” x 26 1/4”) **x 2**	**S4 - 3” Screws** x 10 total
2E - Door Header - Long (2” x 3 1/2” x 84”) **x 1**	**S2 - 1 1/4” Screws** x 4 total



15. Attach **2D - Door Header - Short** to other side. Position and attach **2E - Door Header - Long** between short door headers. The Long Door Header has an aluminum strip attached to the back for added support. Attach by screwing down into wall framing with **2 - 3” Screws** per side. Fasten aluminum strip to short headers with **2 - 1 1/4” Screws** per side.



16. Position **2F - Top Triangular Siding Piece** onto **2G - Angle Wall Extender** and align as shown above. Attach with **3 - 1 1/2" Finishing Nails** to top frame of extender wall. There are left/right top siding pieces. Use rough surface side out. Place finished wall extender on side wall panel frame. Complete both sides now. **Note:** Bottom siding of wall extender will overhang and cover siding of side wall.

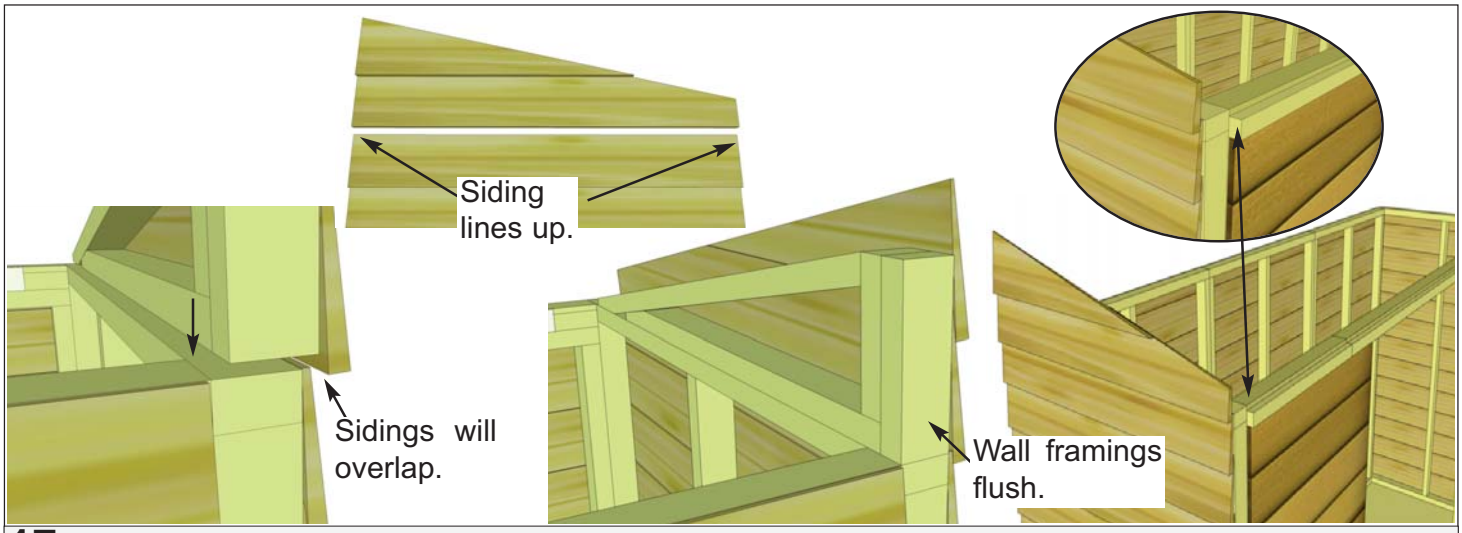
Parts

2G - Angle Wall Extenders - L/R (2G - 45 1/2" wide) **x 2**

2F - Top Triangular Siding Piece (2F - Left/Right) **x 2**

Hardware

N1 - 1 1/2" Finishing Nails x 6 total

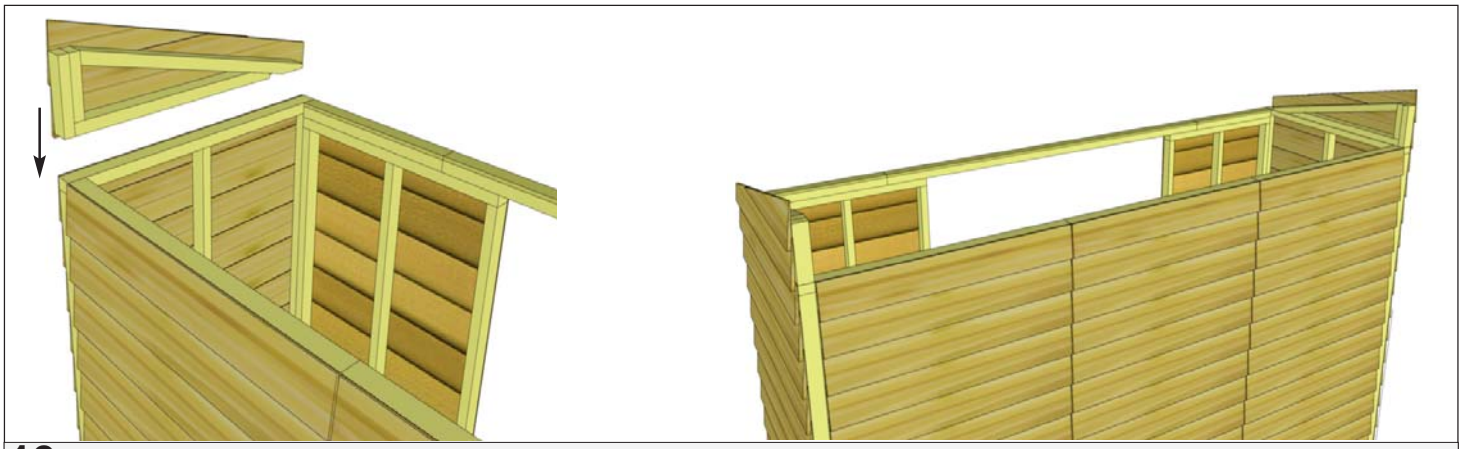


17. Align wall framing of Angled Wall Extender and Side Wall so they are flush at the back. The siding for both walls should also align evenly from front to back.

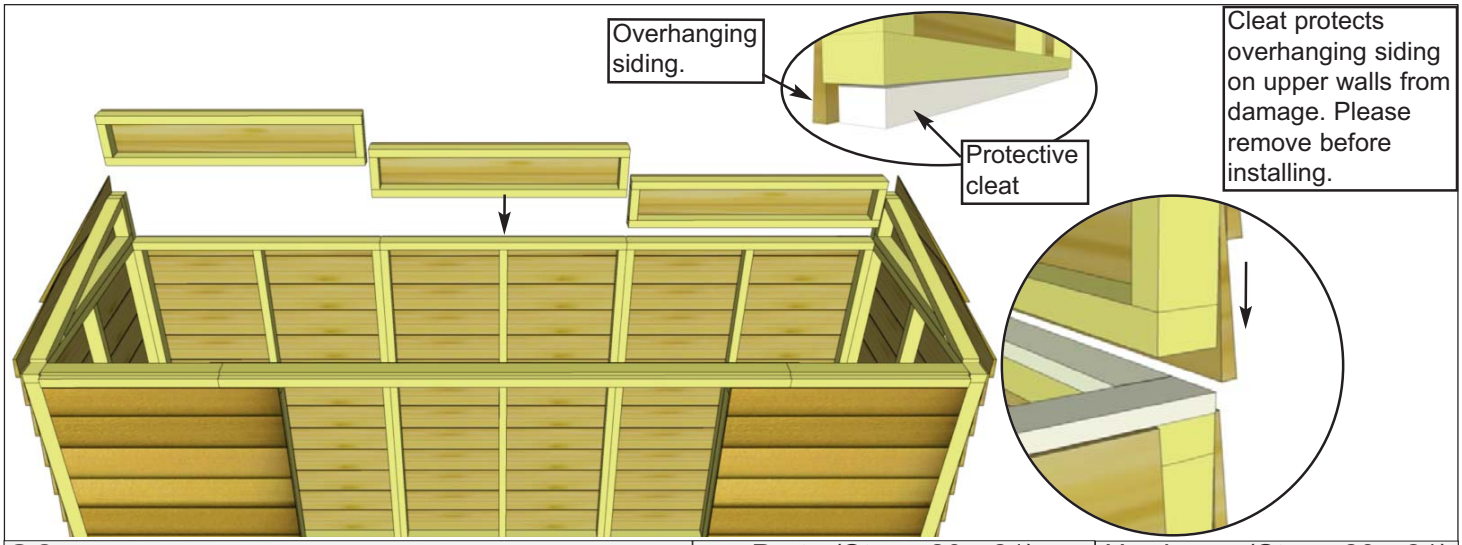
18. With Angled Wall Extender and Side Wall aligned correctly, secure together from the inside with **4 - 2 1/2" Screws**.

Hardware (Steps 18 - 19)

S1 - 2 1/2" Screws x 8 total



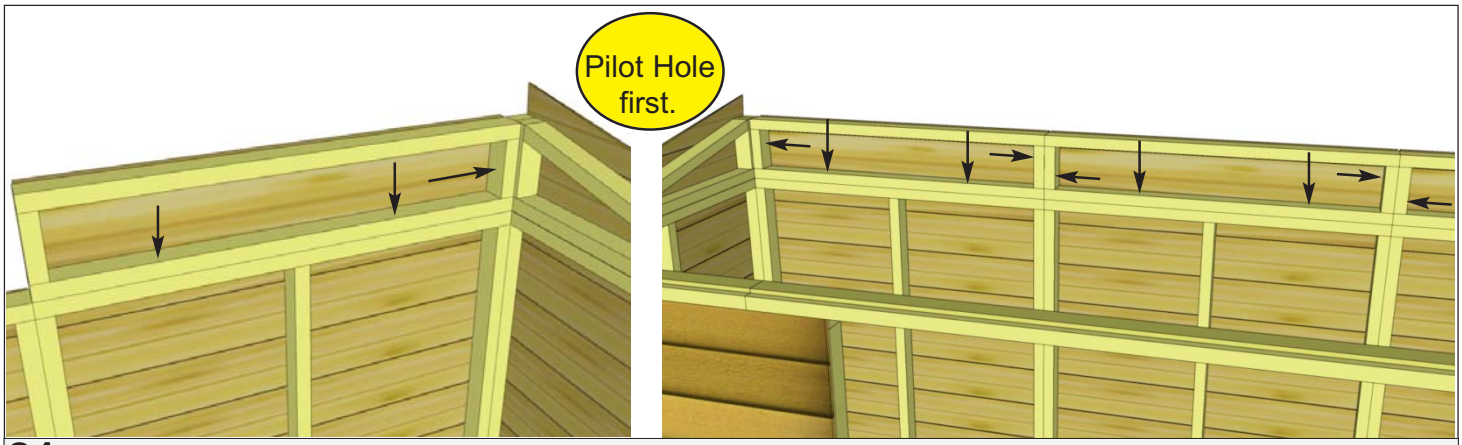
19. Complete opposite Angled Wall Extender positioning and attachment as per **Step 18.**



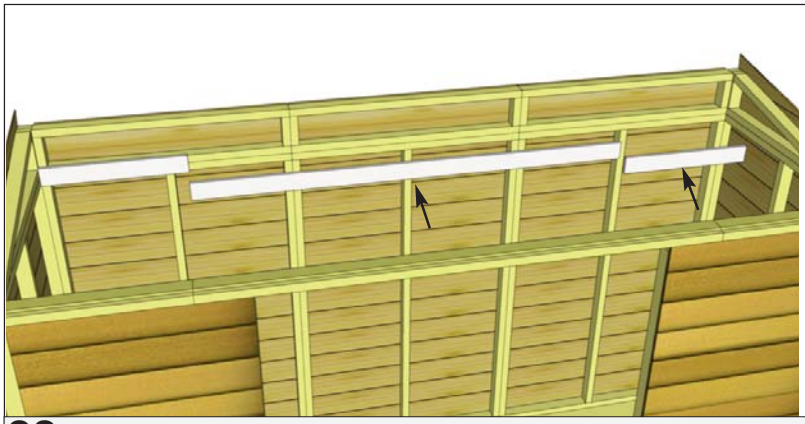
20. Place **2H - Rear Extender Walls** top framing of rear wall with bottom siding overlapping that of the rear wall.

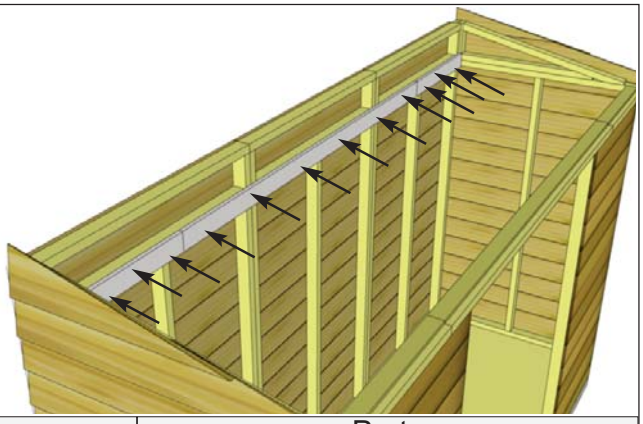
Parts (Steps 20 - 21)
2H - Rear Extender Walls (2H - 45 1/2" wide) **x 3**

Hardware (Steps 20 - 21)
S1 - 2 1/2" Screws x 12 total



21. With 2x3 wall framing aligned, attach extender walls to rear wall top plate with **4 - 2 1/2" Screws** per wall.





22. Attach **2I & 2J - Horizontal Wall Cleats** to Wall Extender bottom framing and Rear Wall top framing so that cleat is flush with extender framing. There are two short cleats and one long cleat. Alternate alignment of screws, so half screw into Wall Extender Framing and half into Rear Wall Top Framing. Use **3 - 1 1/4" Screws** per short cleat and **6 - 1 1/4" Screws** on the long cleat.

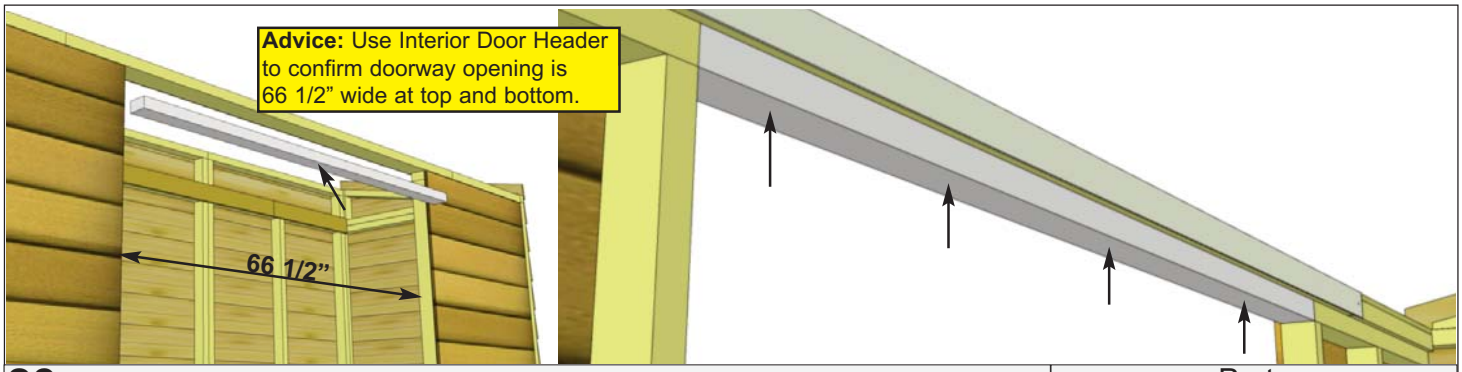
Parts

2I - Horizontal Wall Cleat - Long (3/4" x 3 1/2" x 84") **x 1**

2J - Horizontal Wall Cleats - Short (3/4" x 3 1/2" x 26 1/4") **x 2**

Hardware

S2 - 1 1/4" Screws x 12 total



23. Attach **2EE - Interior Door Header** as shown above. Align with top framing of front walls. Attach with **4 - 2 1/2" Screws.**

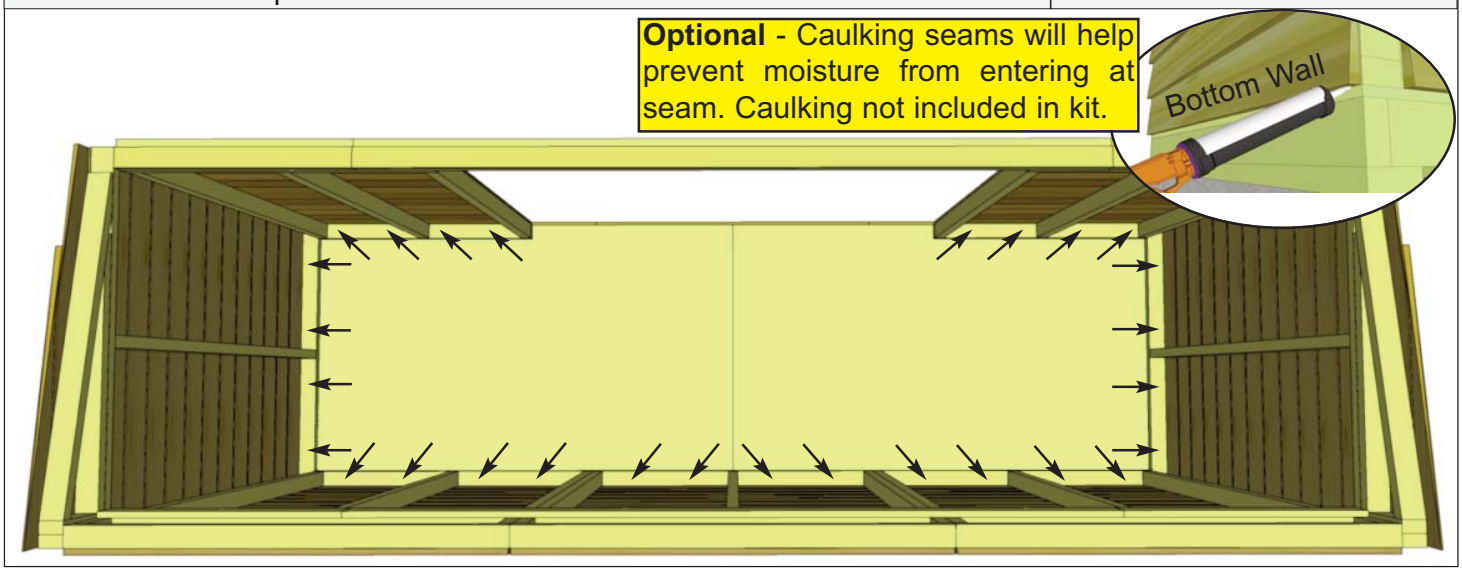
To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with **2 - 2 1/2" Screws** per wall section. Prior to securing, make sure wall panels are aligned correctly on the floor. Refer to **Step 9.** Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.

Parts

2EE - Interior Door Header (1 1/2" x 3" x 66 1/2") **x 1**

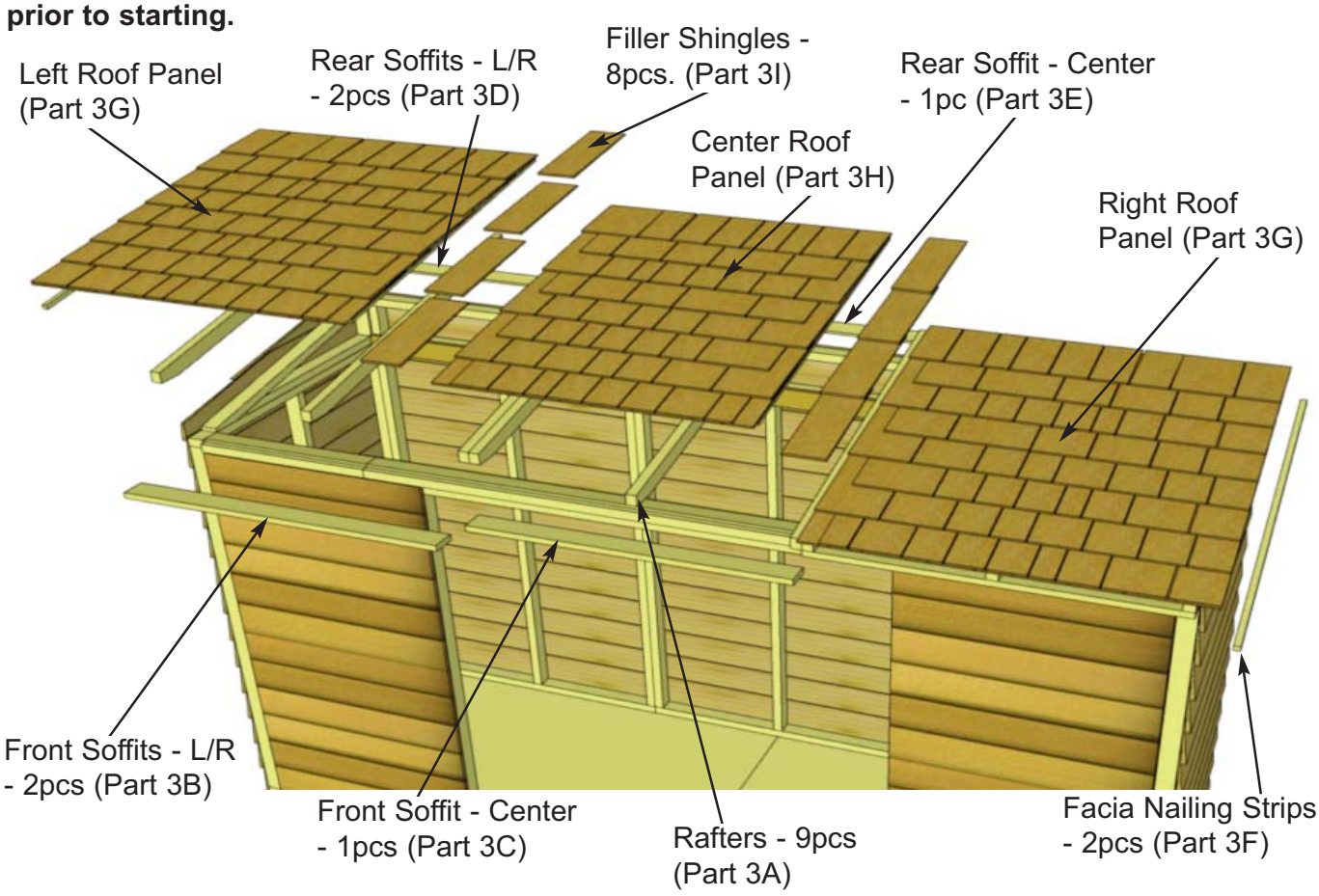
Hardware

S1 - 2 1/2" Screws x 32 total



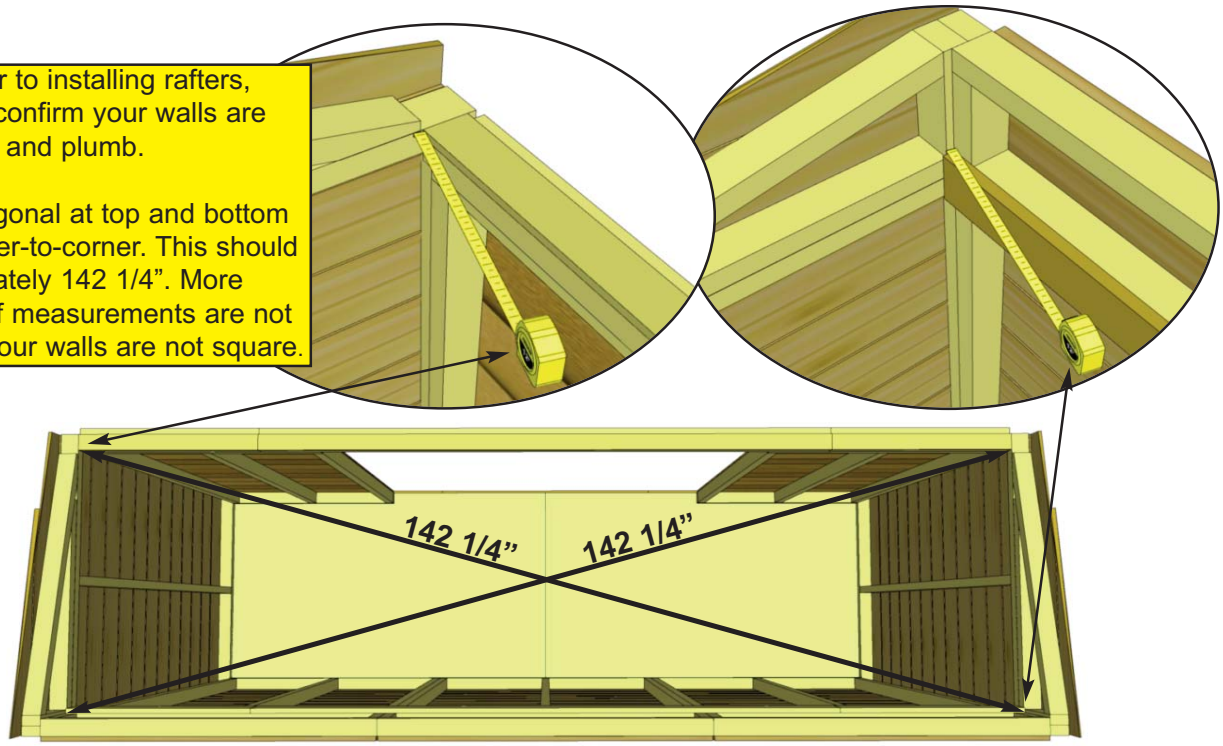
3. Rafter and Roof Section

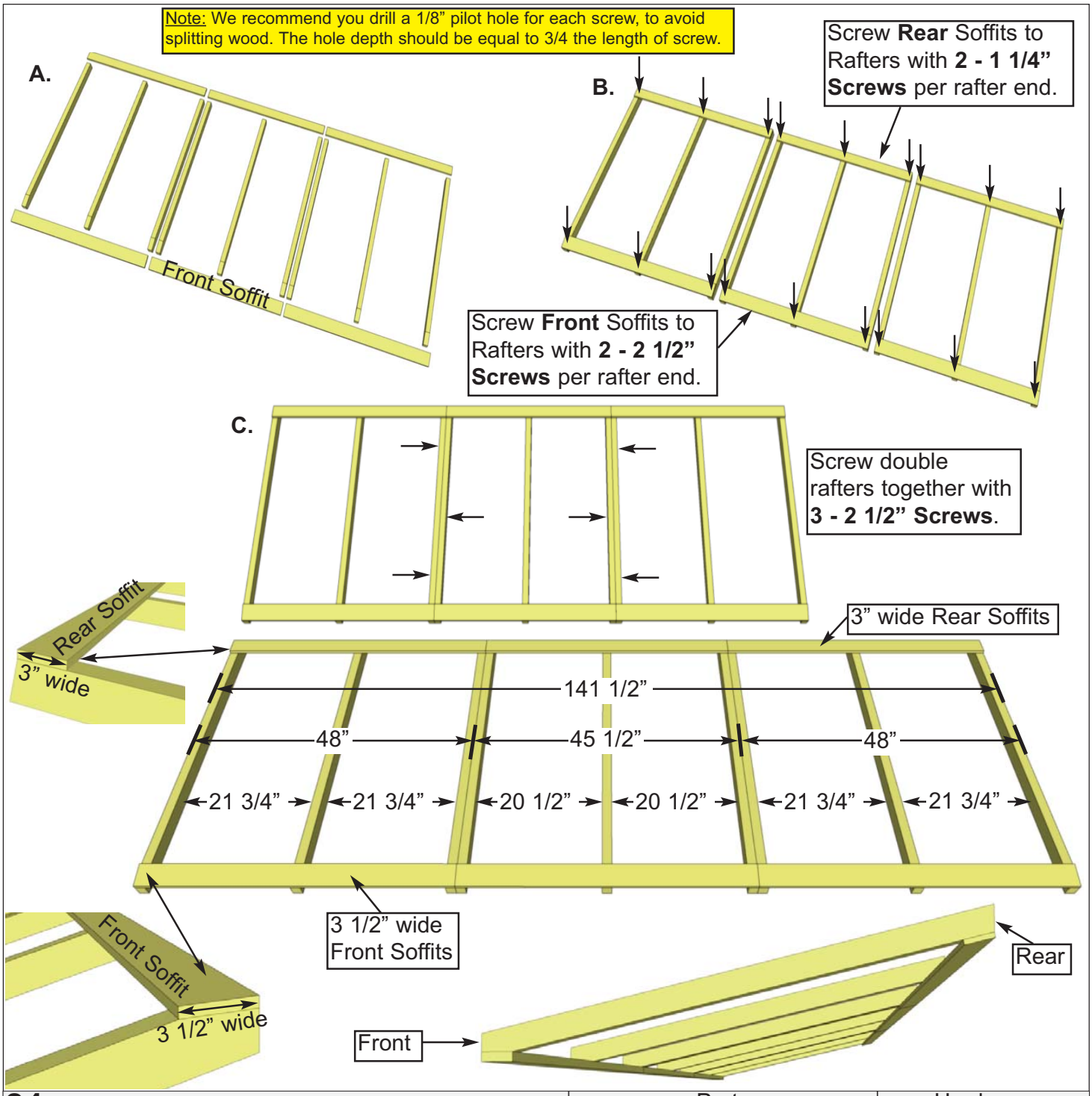
Exploded view of all parts necessary to complete the Rafter and Roof Section. Identify all parts prior to starting.



Advice: Prior to installing rafters, take time to confirm your walls are level, square and plumb.

Measure diagonal at top and bottom of walls corner-to-corner. This should be approximately 142 1/4". More importantly, if measurements are not within 1/4", your walls are not square.

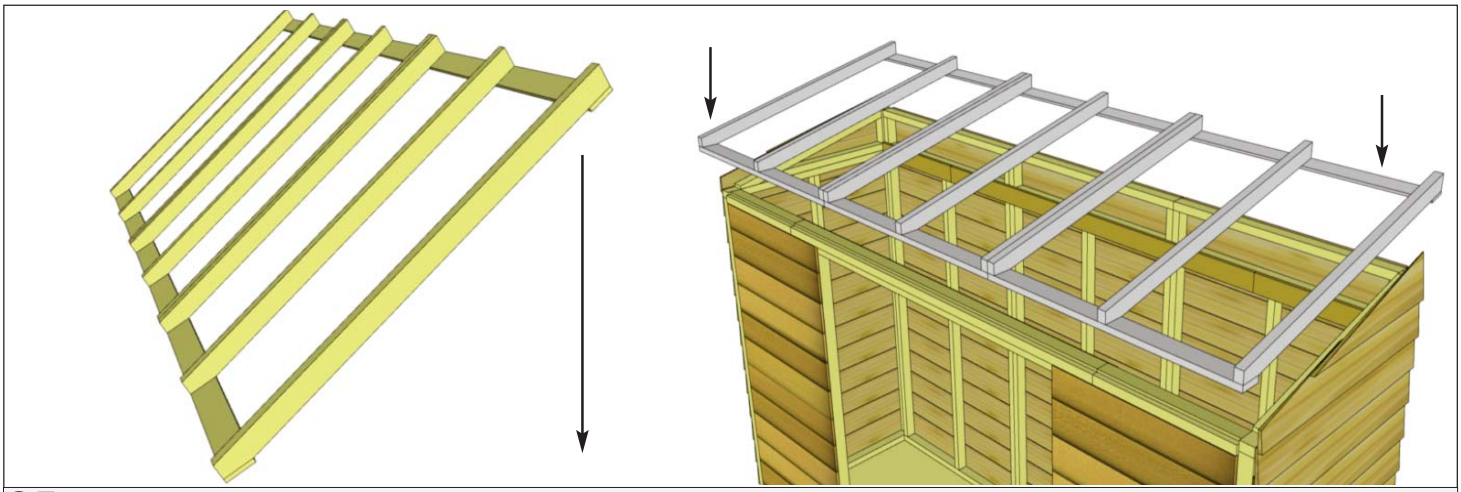




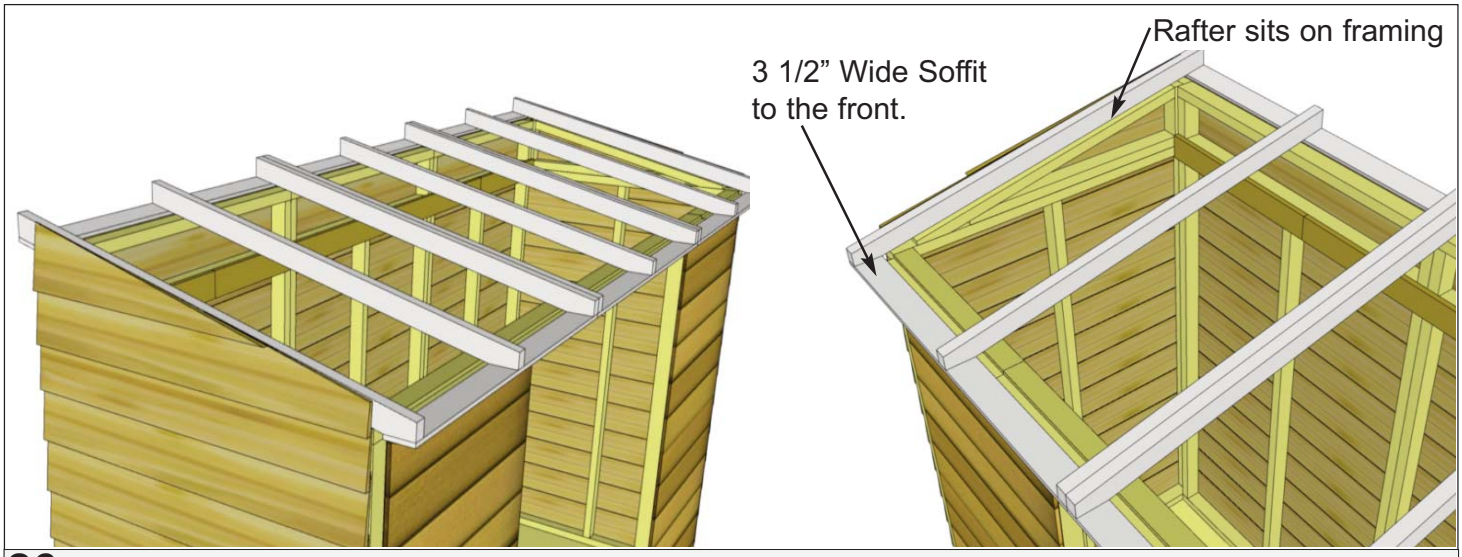
24. Locate **3A - Rafters**, **3B & 3C - Front Soffits** and **3D & 3E - Rear Soffits**. Lay out on level ground and assemble as shown above in Illustrations **A** through **C** below. Attach Soffit Boards flush to end of outside rafters. Attach Front Soffits with **2 - 2 1/2" Screws** per rafter end. Attach Rear Soffits with **2 - 1 1/4" Screws** per rafter end.

Important: Drill pilot holes in Soffit ends to prevent splitting. Attach double rafters as illustrated above with **3 - 2 1/2" Screws** per rafter/rafter connection.

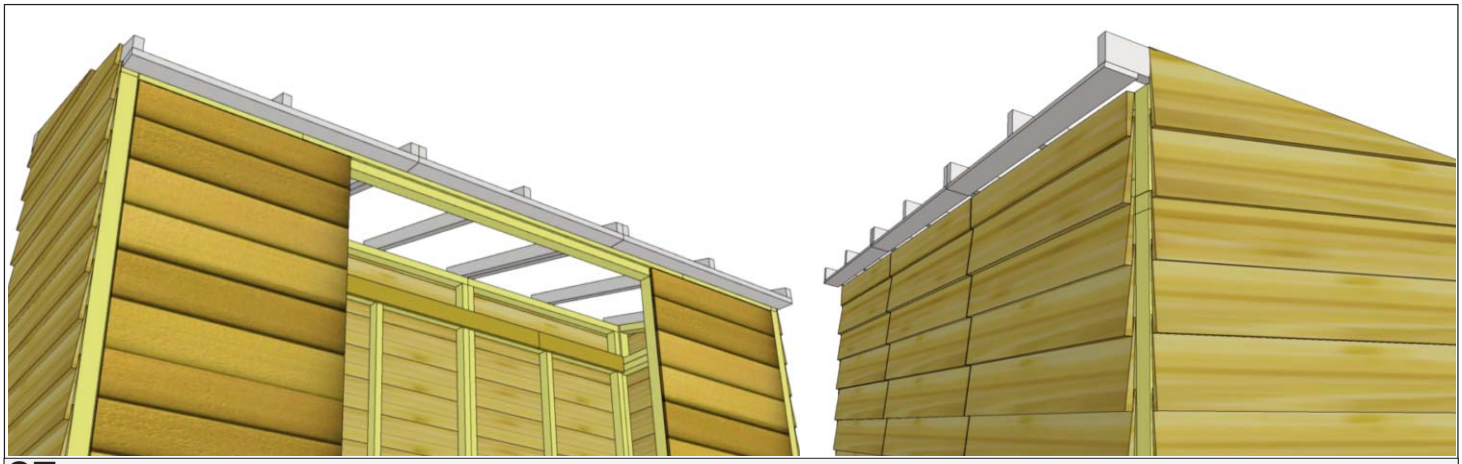
Parts	Hardware
3A - Rafters (1 1/2" x 2 1/2" x 54") **x 9**	**S1 - 2 1/2" Screws** x 24 total
3B - Front Soffits - Sides (1" x 3 1/2" x 48") **x 2**	**S2 - 1 1/4" Screws** x 18 total
3C - Front Soffit - Center (1" x 3 1/2" x 45 1/2") **x 1**	
3D - Rear Soffits - Sides (1/2" x 3" x 48") **x 2**	
3E - Rear Soffit - Center (1/2" x 3" x 45 1/2") **x 1**	



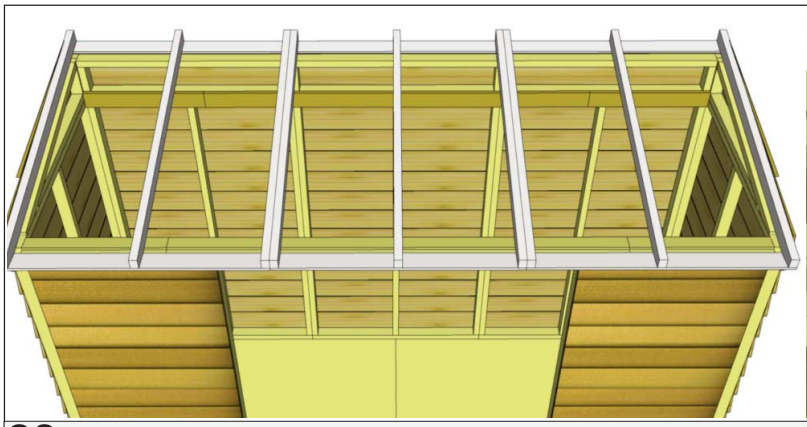
25. Carefully flip completed Rafter Section over so the 3 1/2” wide Soffit is facing the front and place onto walls. **Note:** once again, make sure 3 1/2” wide Soffit is positioned to the front of the shed.

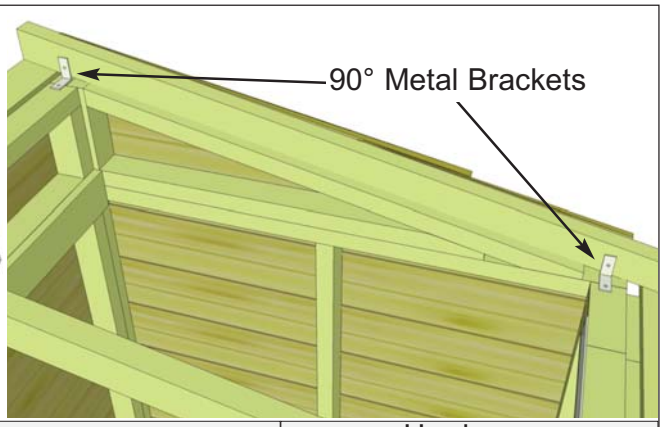


26. Position completed Rafter Section on top of walls. Outside Rafters will sit on Extension Wall framing and be positioned equally from side to side.



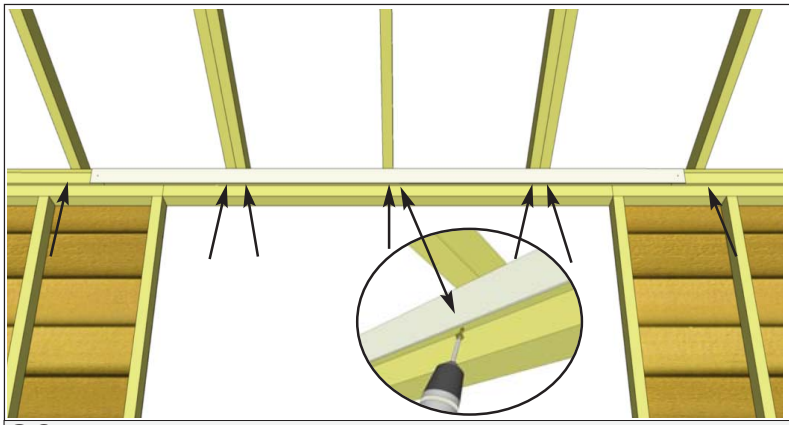
27. When Rafter Section is positioned correctly, both Front and Rear Soffits will sit approximately 1/8” away from wall siding. This can vary slightly.





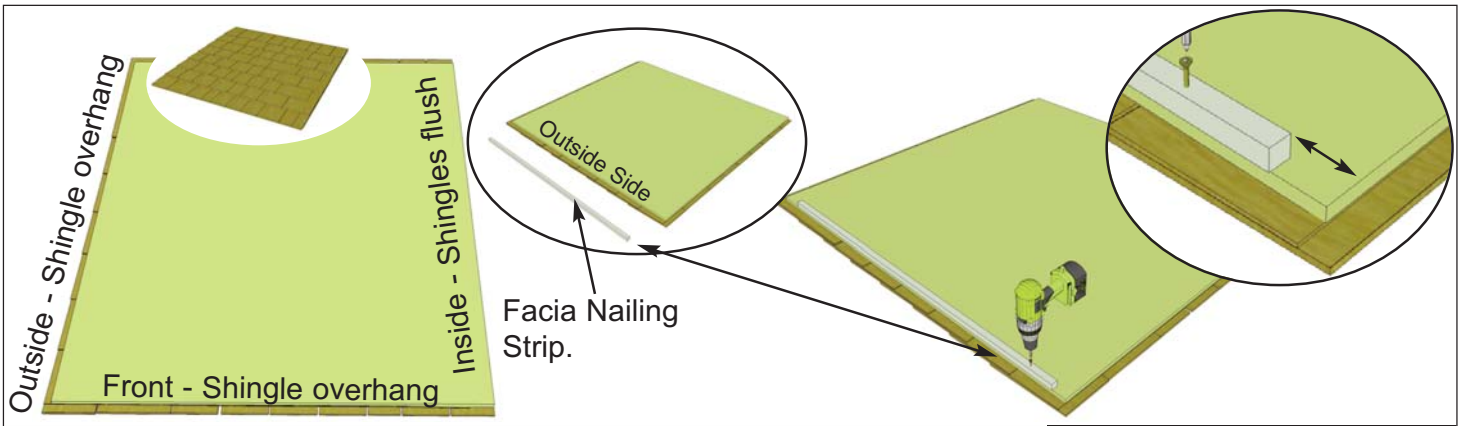
28. With Rafter Section correctly aligned, secure rafters to walls using **2 - 90° Metal Brackets** per side. Attach each brackets with **4 - 1 1/4" Screws**. Screw into Wall Extension Framing at the rear and Wall Panel top framing at the front. Complete both sides.

Hardware
Y2 - 90° Metal Bracket
x 4 total
S2 - 1 1/4" Screws
x 16 total



29. With outside rafters properly secured, attach remaining interior rafters using **1 - 2 1/2" Screw** per rafter end. Screw into rafters from inside of Header on an angle at front of shed, and from inside of Extender Wall Framing at rear of shed.

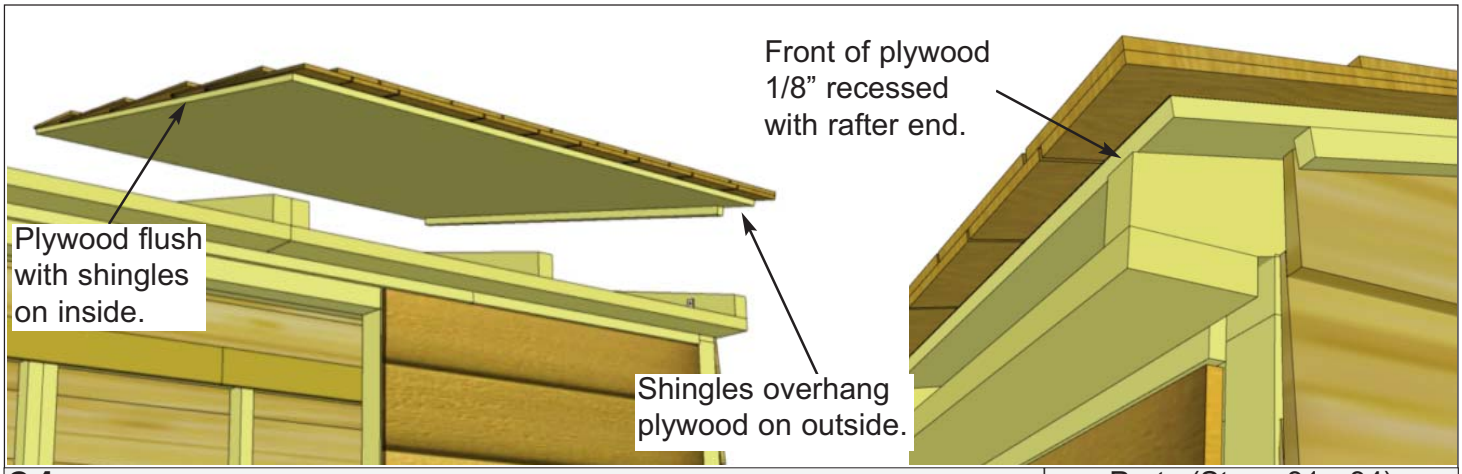
Hardware
S1 - 2 1/2" Screws
x 14 total



30. Carefully flip Roof Panels over so plywood sheathing is facing up. Center **3F - Facia Nailing Strips** onto outside of each panel flush with plywood. Attach with **4 - 1 1/4" Screws** evenly spaced. The Facia Nailing Strip provides for a greater nailing surface later when you attach side facia.

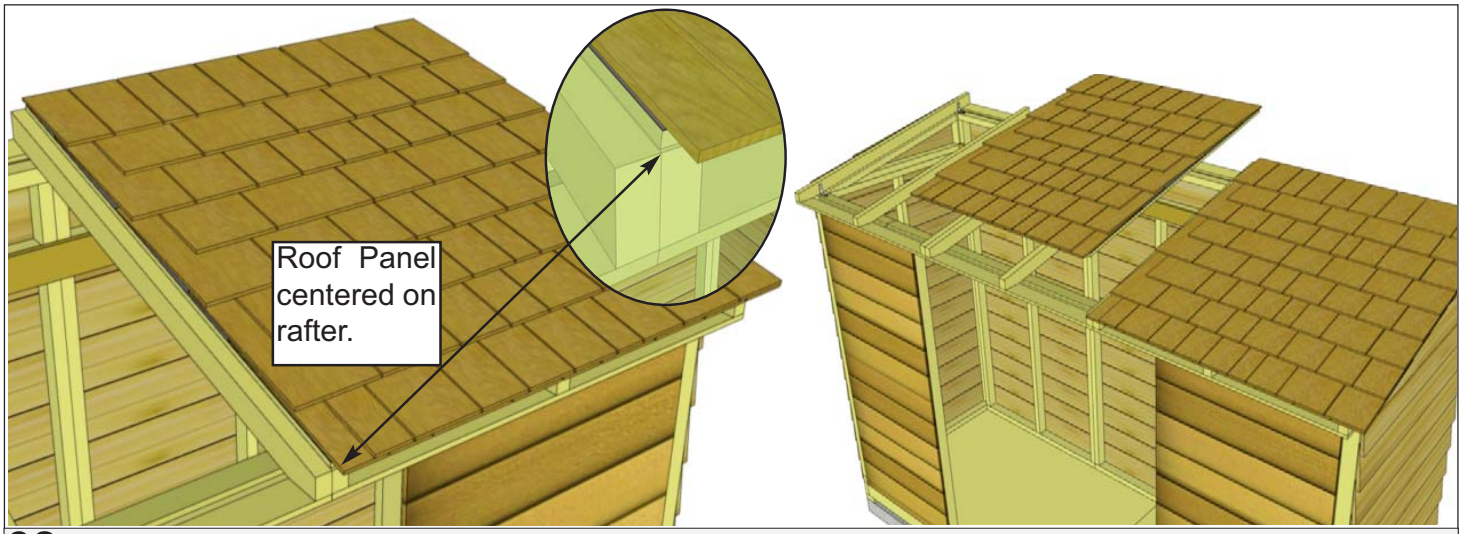
Parts
3F - Facia Nailing Strips
(3/4" x 3/4" x 48") **x 2**

Hardware
S2 - 1 1/4" Screws
x 8 total



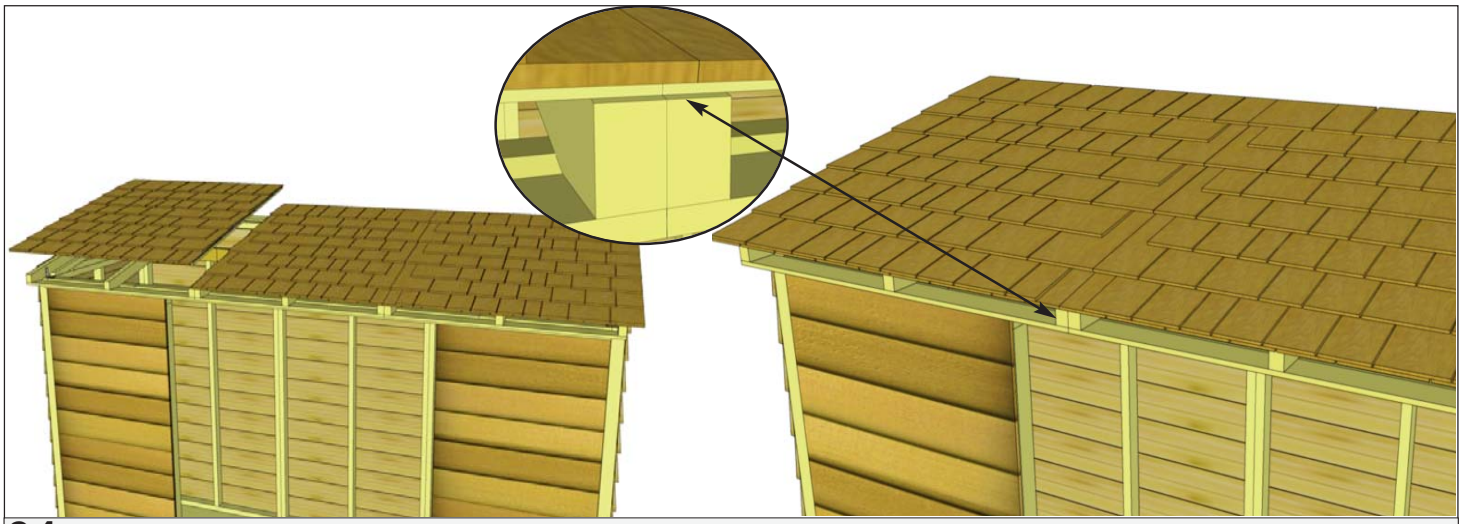
31. Correctly orientate **3G - Side Roof Panel**, with shingles overhanging plywood on the side of the shed and flush with plywood toward the center of the shed. Place on rafters with front of plywood just about flush with rafter ends but just slightly recessed. Doing so allows front facia to sit better.

Parts (Steps 31 - 34)
3G - Left/Right Roof Panels
(51” x 56”) **x 2**
3H - Center Roof Panel
(45 1/2” x 56”) **x 1**

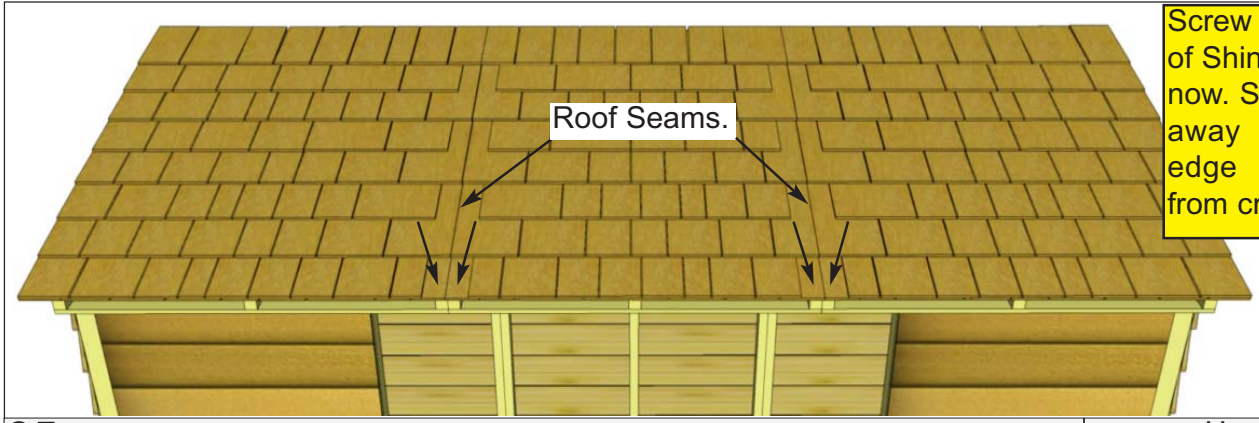


32. For correct Roof Panel position, align panel so plywood sits evenly on Center Rafters. Next, position **3H - Center Roof Panel** onto center rafters.

33. Align plywood of center roof panel so it is tight against the plywood of the side roof panel. Spacing should be even front and back.



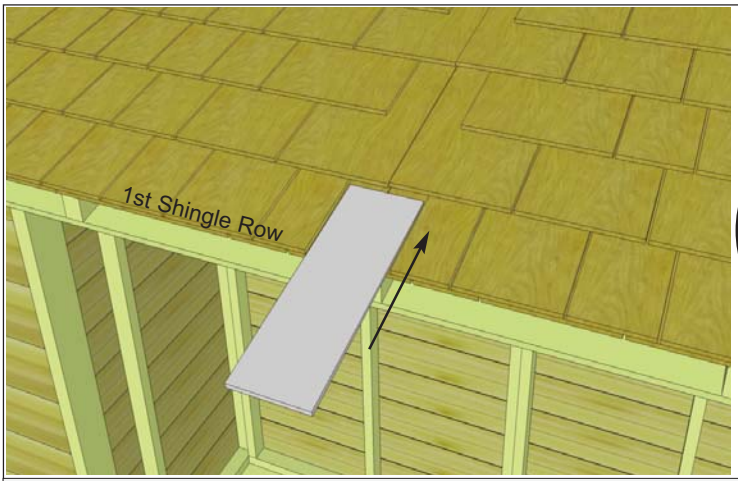
34. Position other side roof panel onto rafters as per **Steps 31 - 33**.

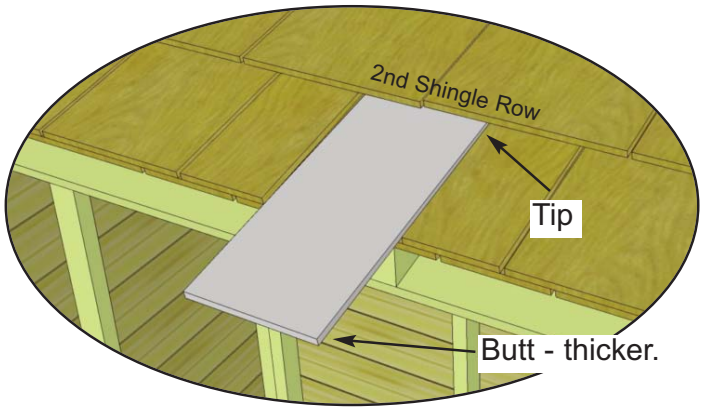


Screw Bottom Row of Shingles ONLY for now. Screw on angle away from shingle edge to prevent it from cracking.

35. With Roof Panels aligned, screw panels down to center rafters with **2 - 2 1/2" Screws** in **Bottom Row of Shingles Only (1 screw per panel).**

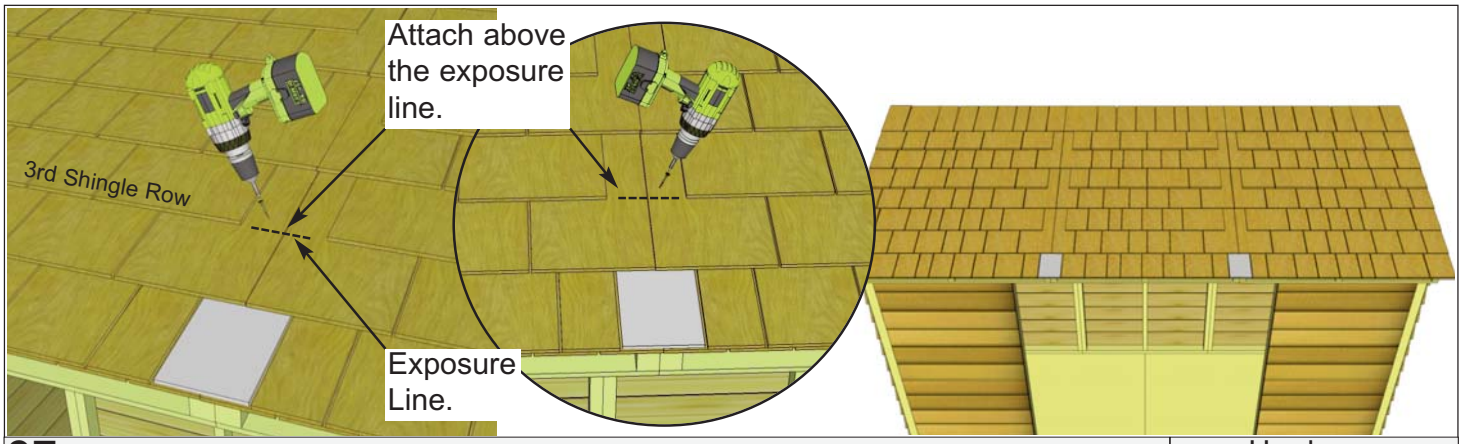
Hardware
S1 - 2 1/2" Screws
x 4 total





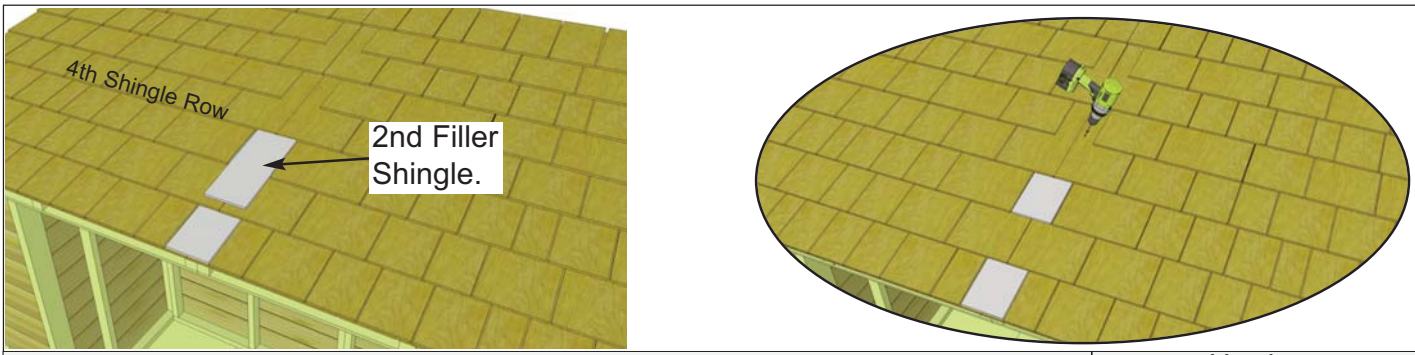
36. To cover roof seams, slide a **3L - Filler Shingle** up and underneath second shingle row. Push or bang filler carefully with a hammer until evenly spaced and butt is even with other 1st row of shingles. Do first filler shingle on both seams.

Parts (Steps 36 - 39)
3I - Filler Shingles
(16" - 18" Long) **x 8**



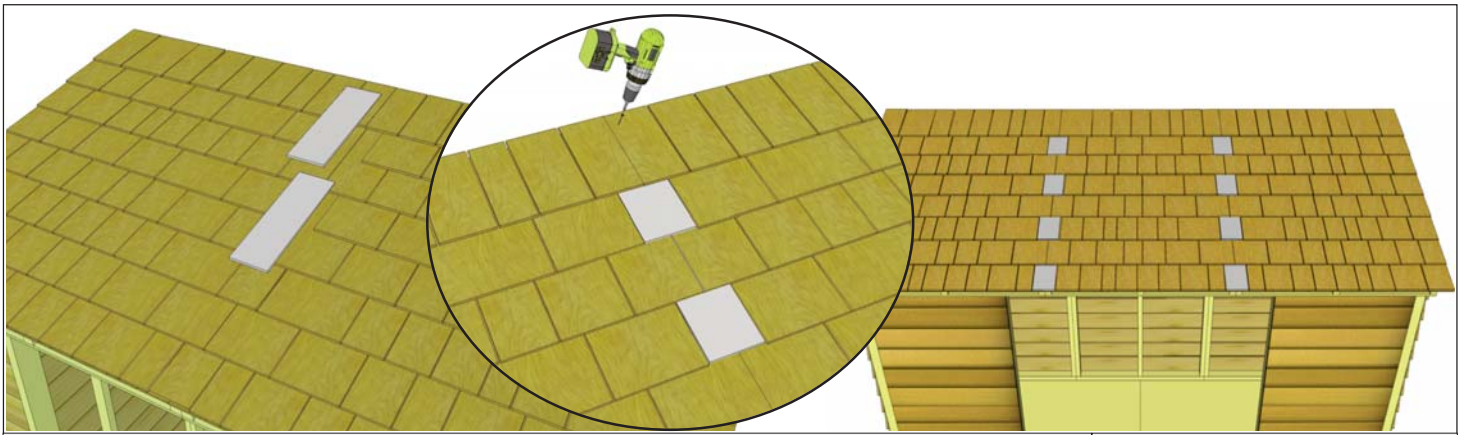
37. Screw first filler shingle down to rafters using **1 - 2 1/2" Screw** per panel (2 in total). Screw on slight angle and make sure to screw into rafter. Screw slightly above 3rd row of shingles (exposure line). This way, the screw will get covered up when you install your 2nd Filler Shingle and will prevent leaking. Do both roof seams the same.

Hardware
S1 - 2 1/2" Screws
x 4 total



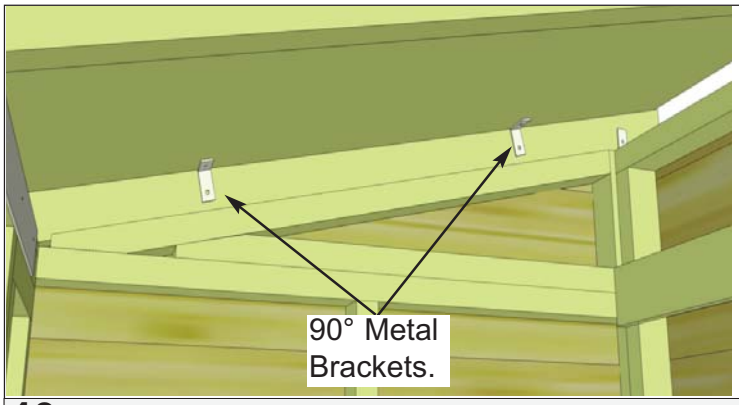
38. Slide 2nd **Filler Shingle** up and underneath fourth shingle row. Follow **Steps 36 - 37** to align and attach. Repeat for other roof seam.

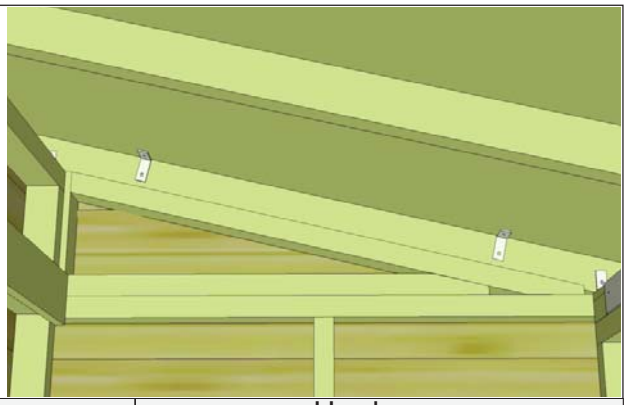
Hardware
S1 - 2 1/2" Screws
x 4 total



39. Slide 3rd and 4th **Filler Shingles** up and underneath appropriate shingle rows and follow **Steps 36 - 38** to align and attach. On last filler, screws will get covered by Roof Ridge Board (4 1/2" wide).

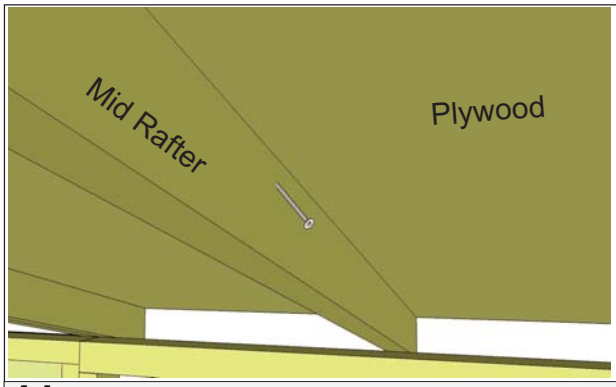
Hardware
S1 - 2 1/2" Screws
x 8 total

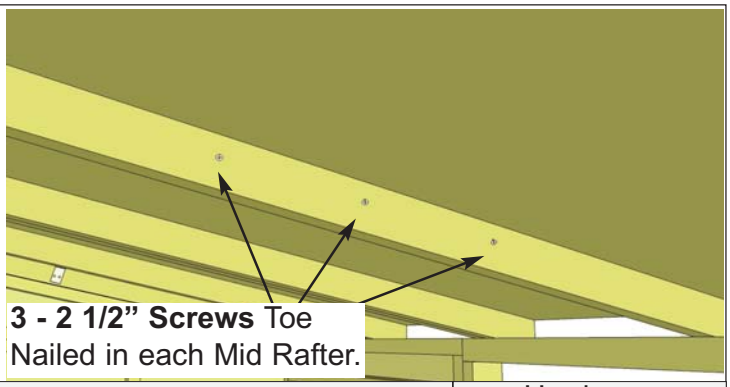




40. Secure roof panels to walls at both ends by positioning **2 - 90° Metal Brackets** on plywood and outside rafters and securing with **4 - 1 1/4" Screws** per Bracket. Complete both sides.

Hardware
S2 - 1 1/4" Screws x 16 total
Y2 - 90° Metal Brackets x 4 total

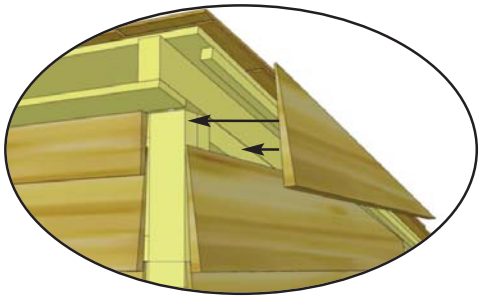


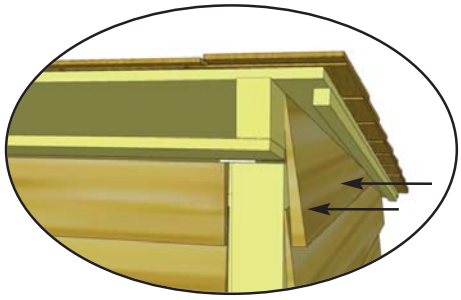


41. To further secure roof panels from the inside, drill pilot holes on an angle in each panel's Mid Rafter (3 per Rafter). Using **3 - 2 1/2" Screws**, secure rafters to plywood. **Note:** from outside if possible, have a helper push roof panel down so plywood sits flush against rafter while securing.

Hardware
S1 - 2 1/2" Screws
x 9 total

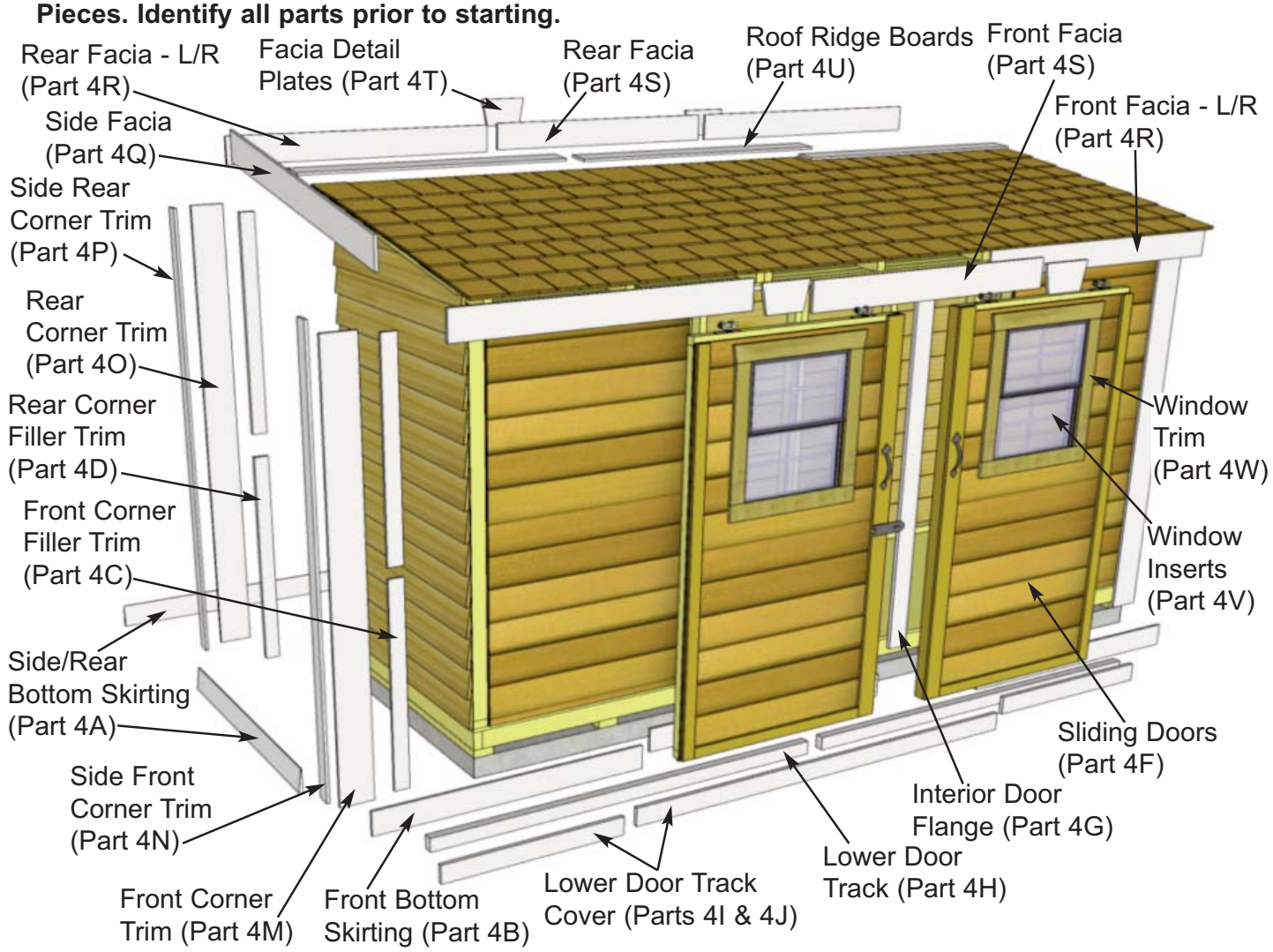
Note: If Top Siding Pc. for Angle Wall was not installed in Step 22 it can be done now. Attach with 3 - 1 1/2" Finishing Nails per piece.

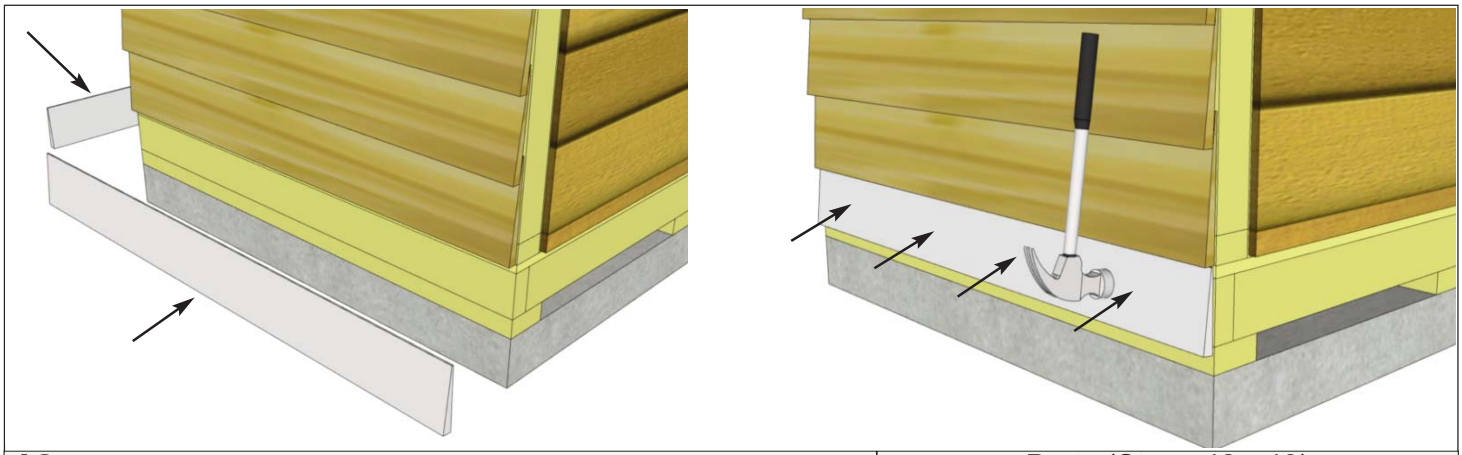




4. Trim & Miscellaneous Section

Exploded view of all parts necessary to complete the Skirting, Trim, Facia and Miscellaneous Pieces. Identify all parts prior to starting.

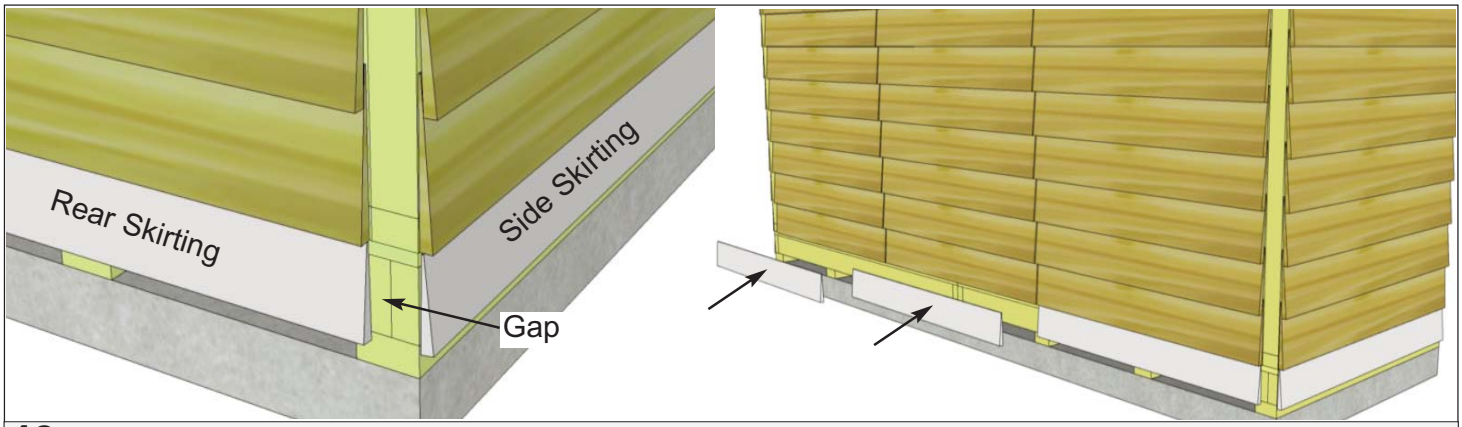




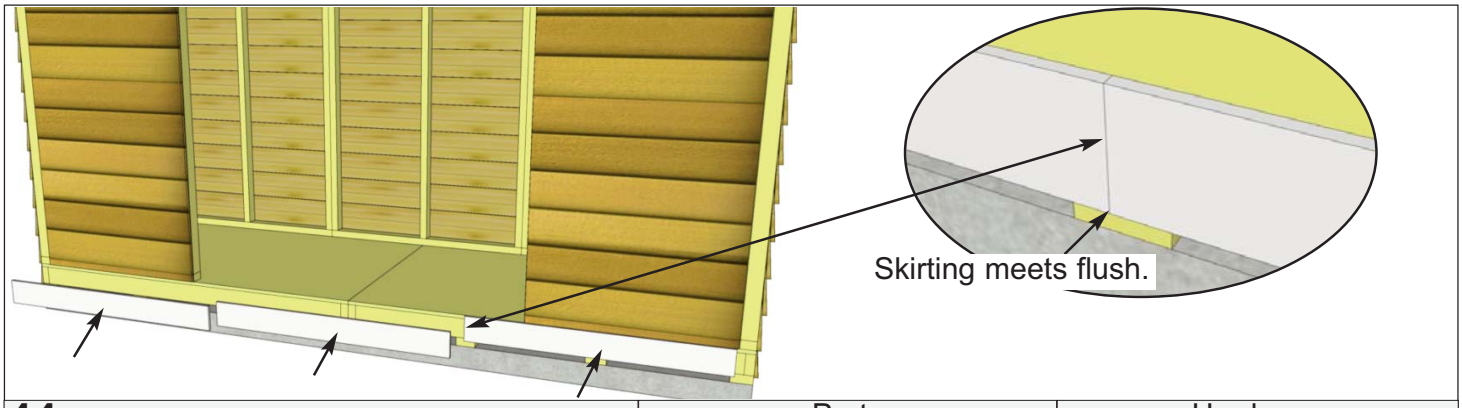
42. Attach **4A - Bottom Skirting** around the base of the shed. Skirting will hide floor framing. Start with side skirting pieces first and attach with **4 - 1 1/2" Finishing Nails** per piece.

Parts (Steps 42 - 43)
4A - Side/Rear Bottom Skirting - Bevel (3/4" x 4 1/2" x 45 1/4") **x 5**

Hardware (Steps 42 - 43)
N1 - 1 1/2" Finishing Nails x 20 total

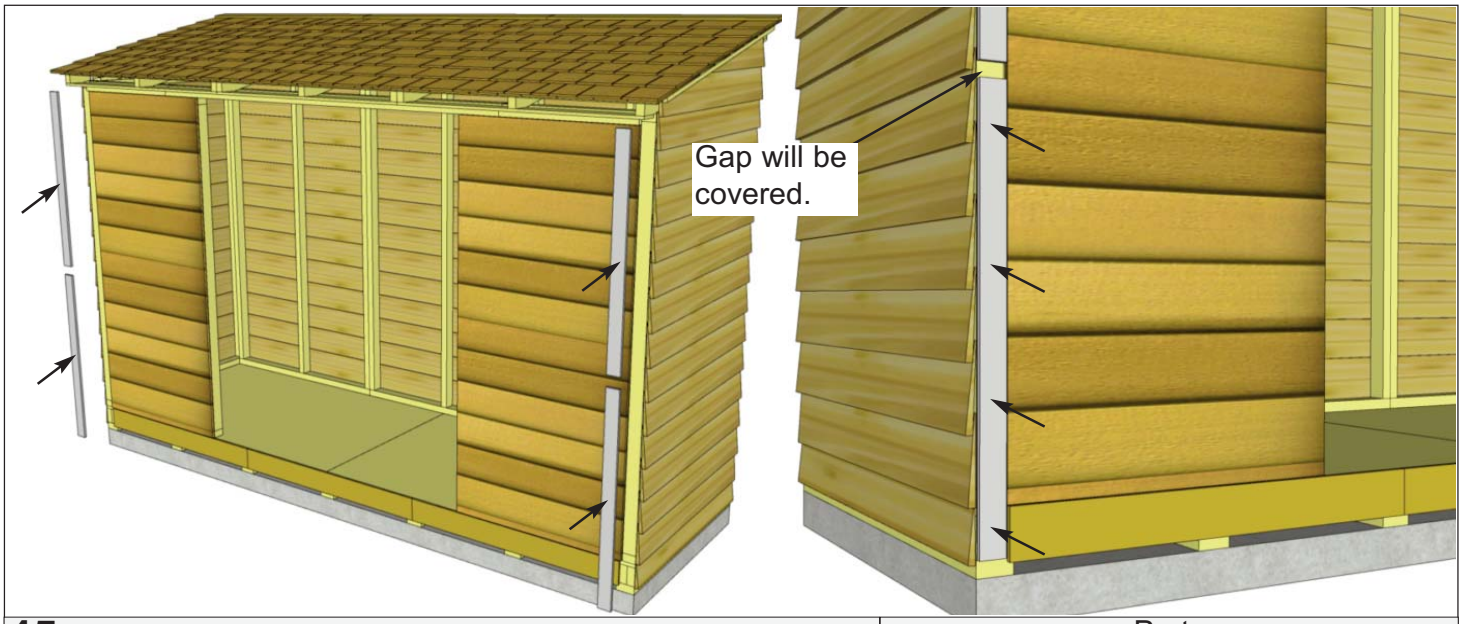


43. Gaps on outside will be covered by Corner Trim later. Complete side and rear skirting attachments.



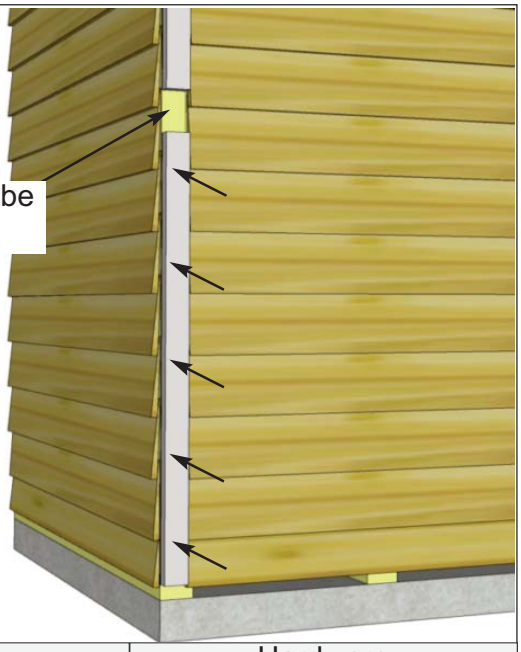
44. Attach **4B - Front Bottom Skirting** with **4 - 1 1/2" Finishing Nails** per piece as per **Steps 42 - 43.**

Parts	Hardware
4B - Front Bottom Skirting (1/2" x 4 1/2" x 45 1/4") **x 3**	**N1 - 1 1/2" Finishing Nails** x 12 total



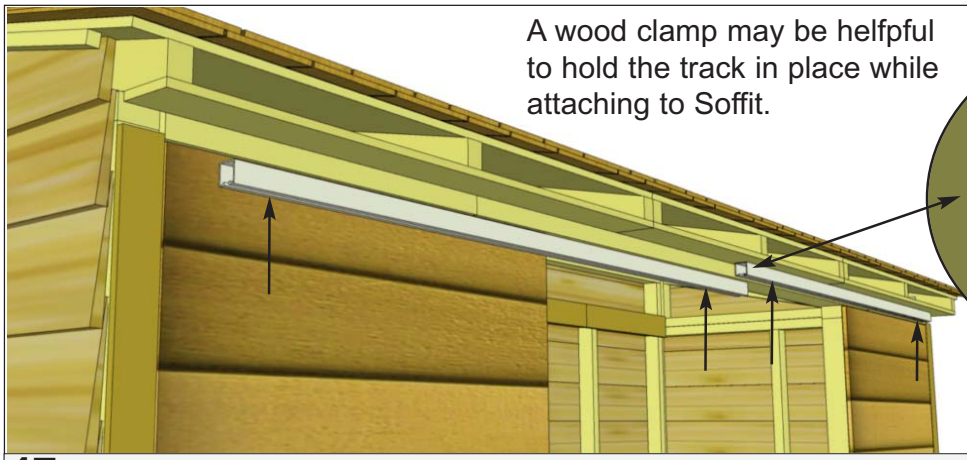
45. Position and attach **4C - Front Corner Filler Trim** with **4 - 1 1/2" Finishing Nails** per piece. Filler trims won't be visible because they serve as nailing strips for the Corner Trims which will be attached later.

Parts	Hardware
4C - Front Corner Filler Trim (1/2" x 2 1/2" x 38") **x 4**	**N1 - 1 1/2" Finishing Nails** x 16 total

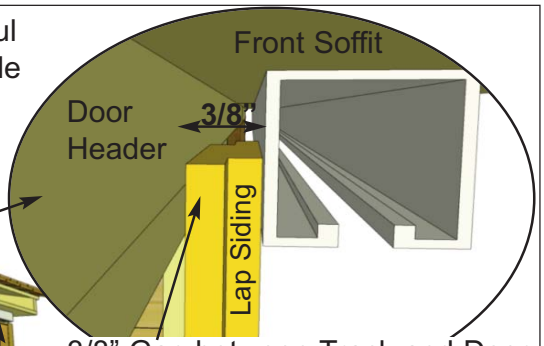


46. Position and attach **4D - Rear Corner Filler Trim** with **5 - 1 1/2" Finishing Nails** per piece as per **Step 45**.

Parts	Hardware
4D - Rear Corner Filler Trim (7/8" x 2 1/2" x 42") **x 4**	**N1 - 1 1/2" Finishing Nails** x 20 total



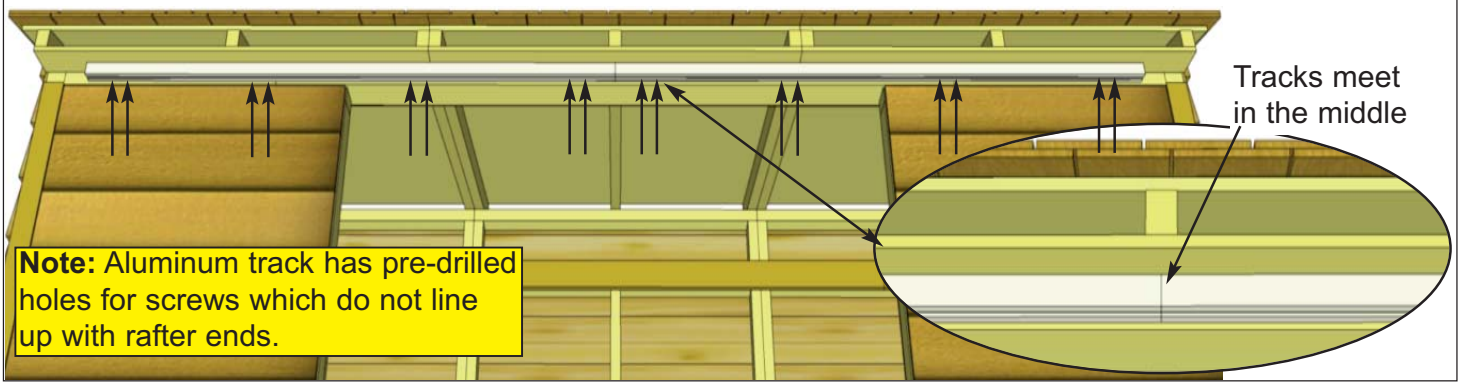
A wood clamp may be helfpful to hold the track in place while attaching to Soffit.



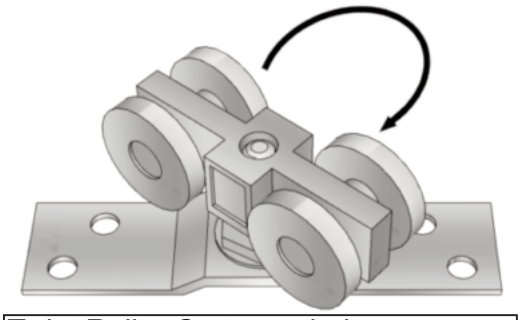
3/8" Gap between Track and Door Header. Extra piece of lap siding can be used as a spacer.

47. Position **4E - Aluminum Door Tracks** on bottom of Front Soffits, spaced approximately 3/8" from Door Header. **4Y - Extra Piece Lap Siding** can be used as a spacer for track. Tracks should meet at the center of the door opening below middle rafter. Attach with **8 - 1 1/4" Screws** per track.

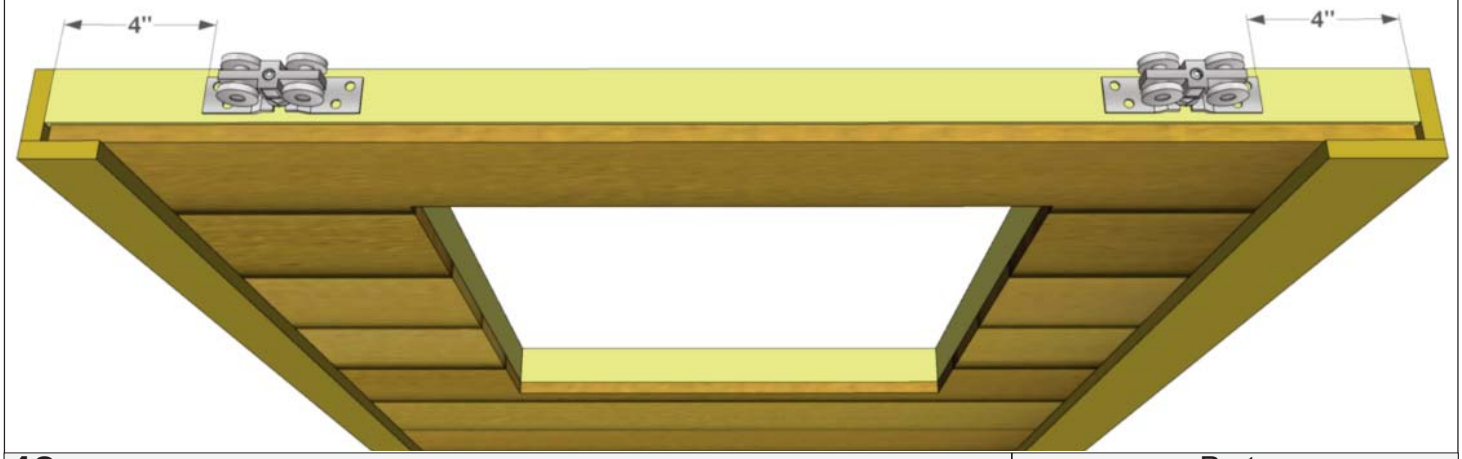
Parts	Hardware
4E - Aluminum Door Track x 2	**S2 - 1 1/4" Screws** x 16 total



Note: Aluminum track has pre-drilled holes for screws which do not line up with rafter ends.



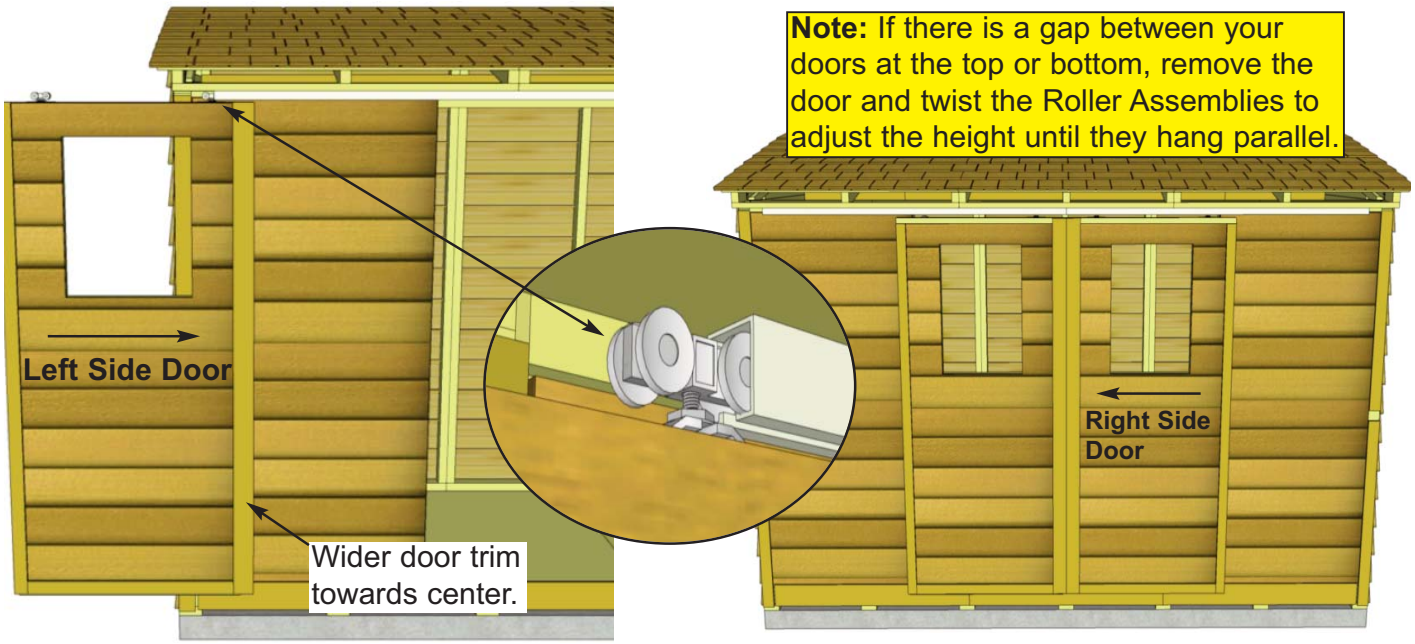
Twist Roller Cart onto bolt.
After doors are hung, you may need to adjust this until doors hang straight up and down at equal height.



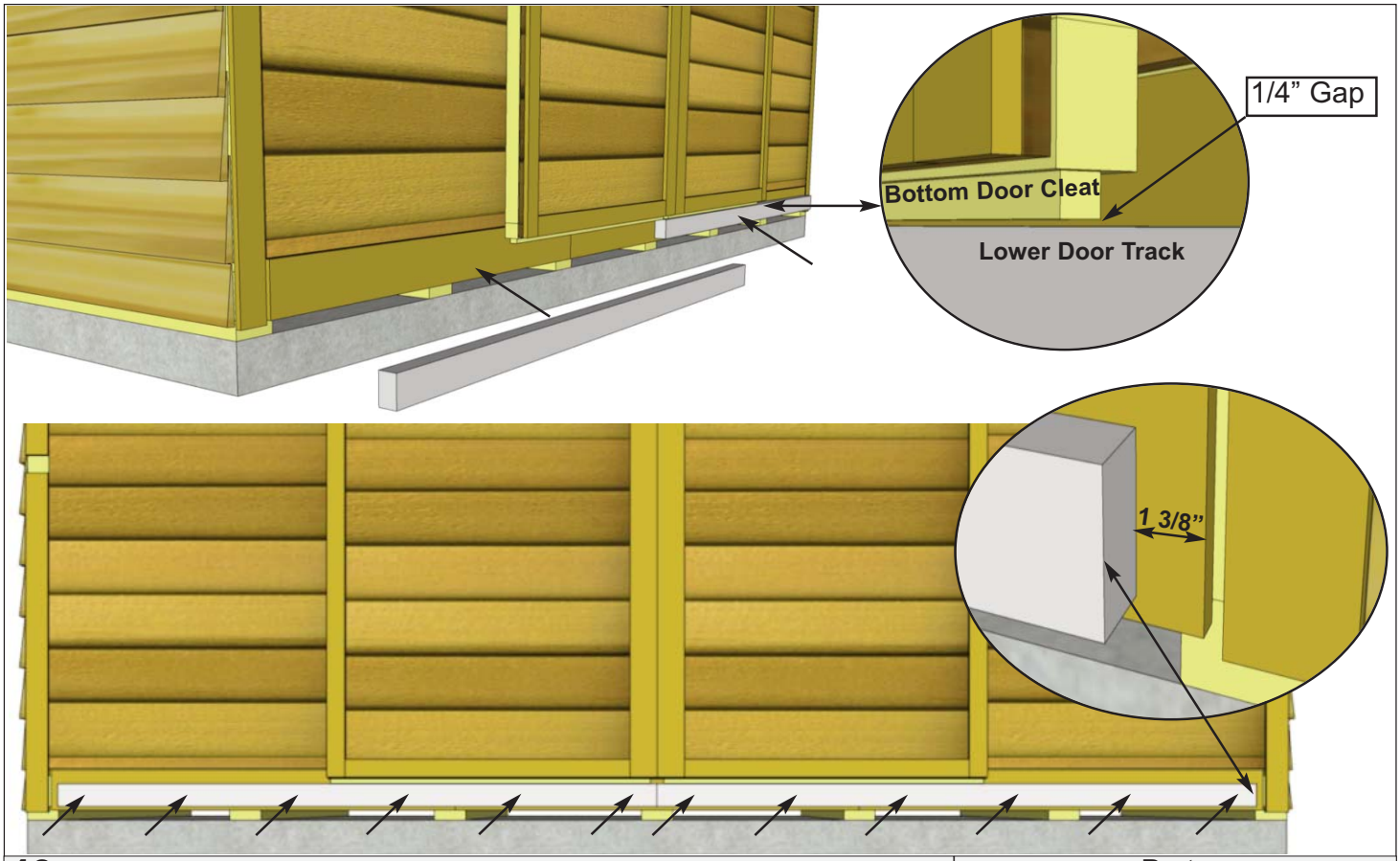
48. Locate all four **Y35 - Roller Assemblies**. Before attaching to top of doors, assemble the units as shown above. Attach two Roller Assemblies to each door with **4 - 1 1/4" Screws** per Assembly, center on the door framing 4" from each end as shown above.
Next, take Left Side Door and slide Rollers into the Aluminum Door Track. Repeat with Right Side Door and slide until doors meet in the middle.

Parts
4F - Sliding Doors
(36" x 73") **x 2**

Hardware
S2 - 1 1/4" Screws x 16 total
Y35 - Roller Assembly x 4 total



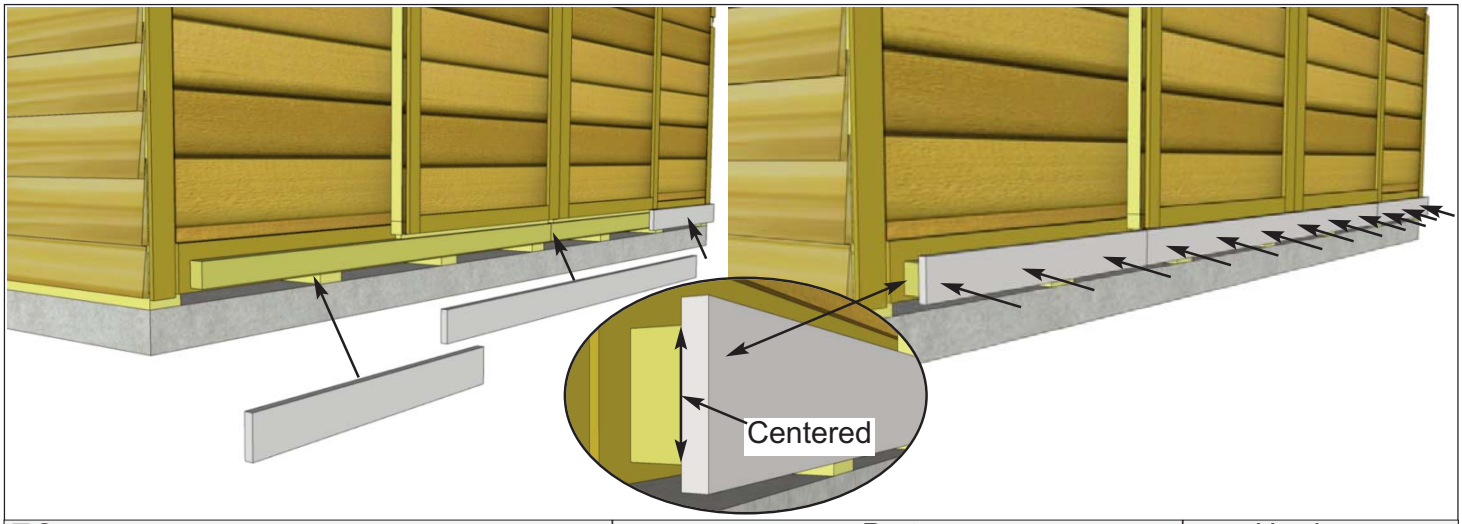
Note: If there is a gap between your doors at the top or bottom, remove the door and twist the Roller Assemblies to adjust the height until they hang parallel.



49. With Doors suspended from the upper track, locate and position **4H - Lower Door Track** sections 1/4” below the bottom door cleat and centered on the Front Bottom Skirting. Attach with **6 - 3” Screws** per Lower Track section.

Parts
4H - Lower Door Track
(1 1/2” x 2 1/2” x 66 1/2”) **x 2**

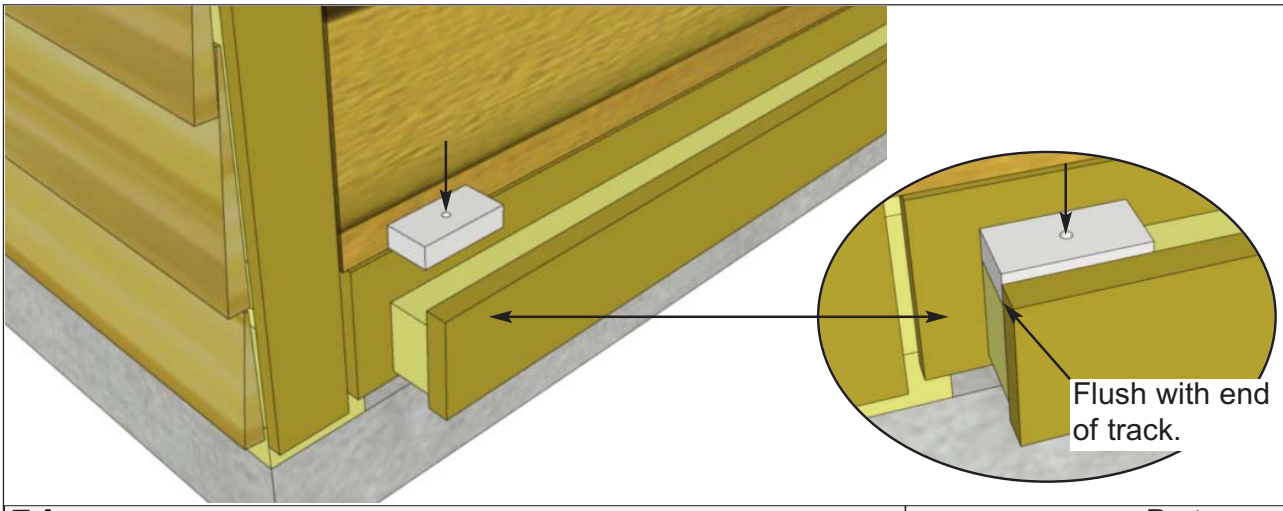
Hardware
S4 - 3” Screws x 12 total



50. Position **4I & 4J - Lower Door Track Covers** so they are centered vertically onto the lower door track sections. Attach with **3 - 2 1/2” Screws** per short piece, and **6 - 2 1/2” Screws** in the center piece.

Parts
4I - Lower Door Track Cover - L/R
(3/4” x 3 1/2” x 30 1/2”) **x 2**
4J - Lower Door Track Cover - Center
(3/4” x 3 1/2” x 72”) **x 1**

Hardware
S1 - 2 1/2” Screws
x 12 total



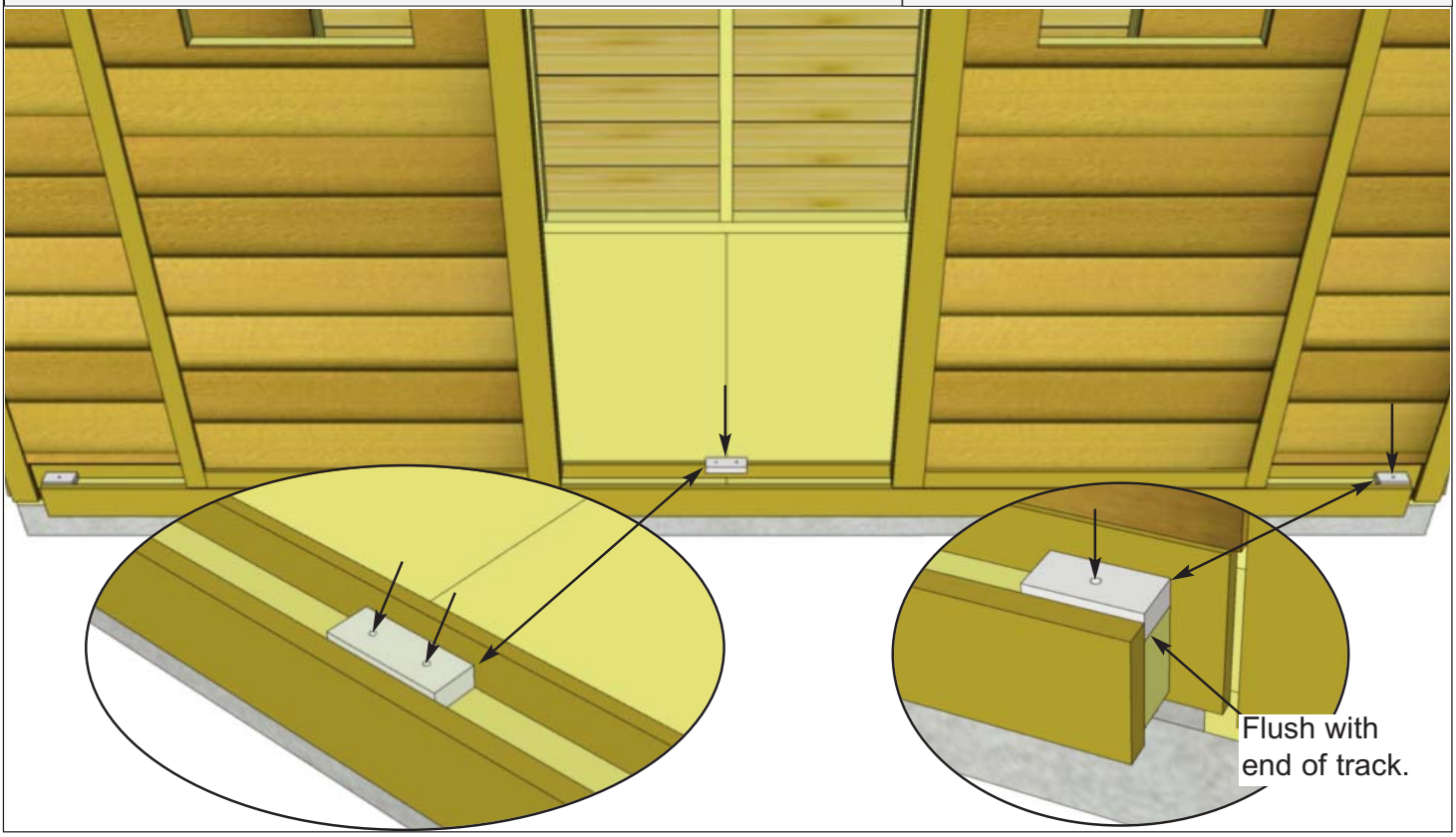
51. Locate and install **4K & 4L - Sliding Door Track Stops**. Fasten one **4K - Left/Right Stop** to each end of the track with **1 - 2 1/2" Screw** through the pre-drilled hole. Attach the **4L - Center Stop** in the center of the track between the two doors with **2 - 2 1/2" Screws**.

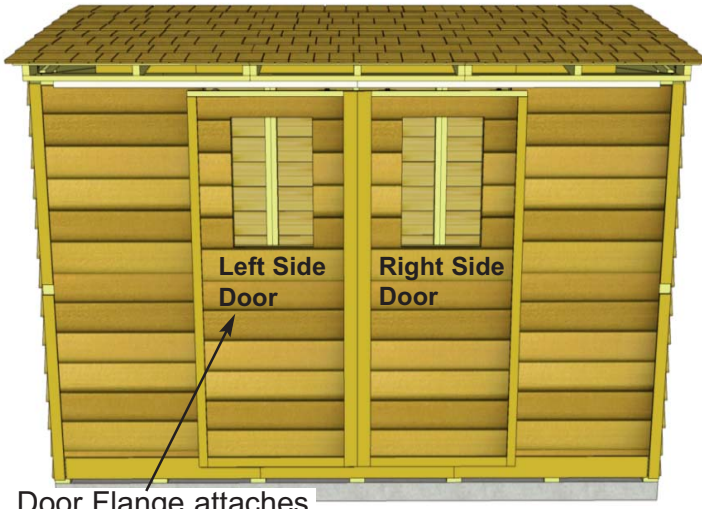
Parts

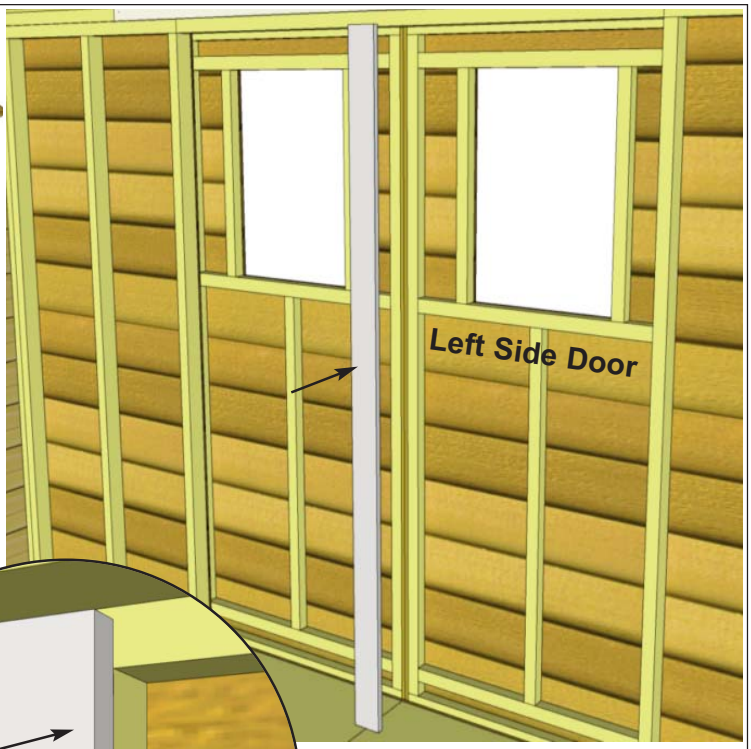
4K - Sliding Door Track Stops - L/R
(3/4" x 1 1/2" x 3") **x 2**
4L - Sliding Door Track Stop - Center
(3/4" x 1 1/2" x 4") **x 1**

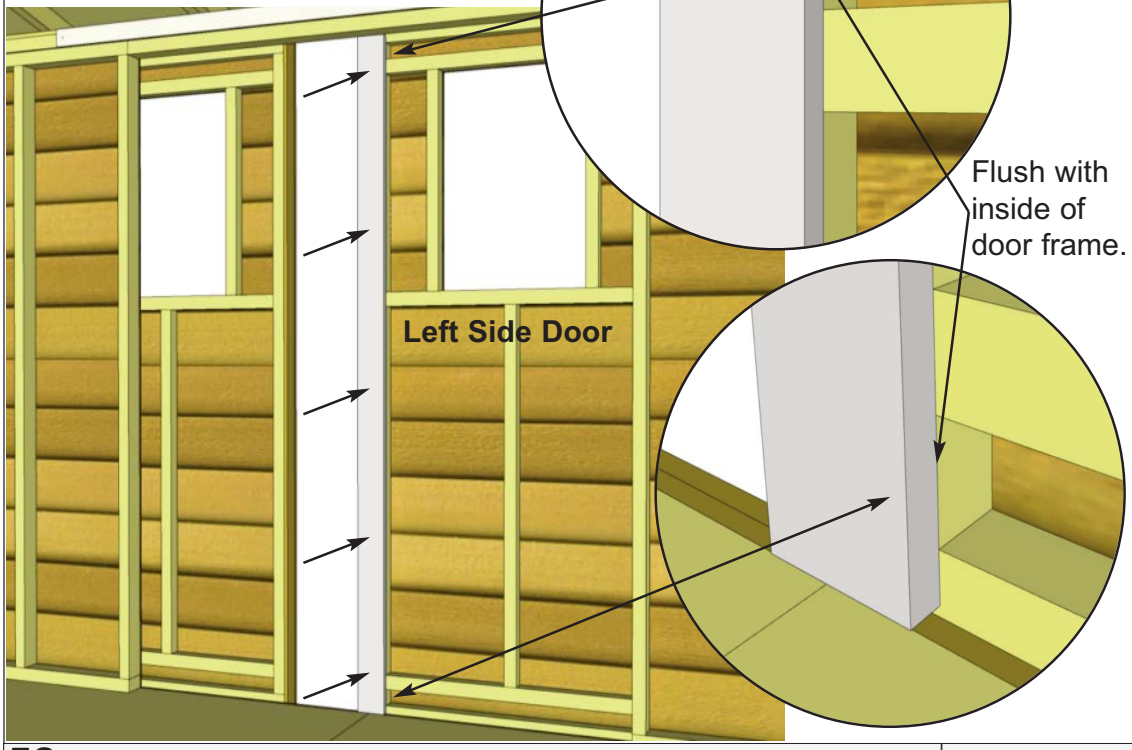
Hardware

S1 - 2 1/2" Screws x 4 total









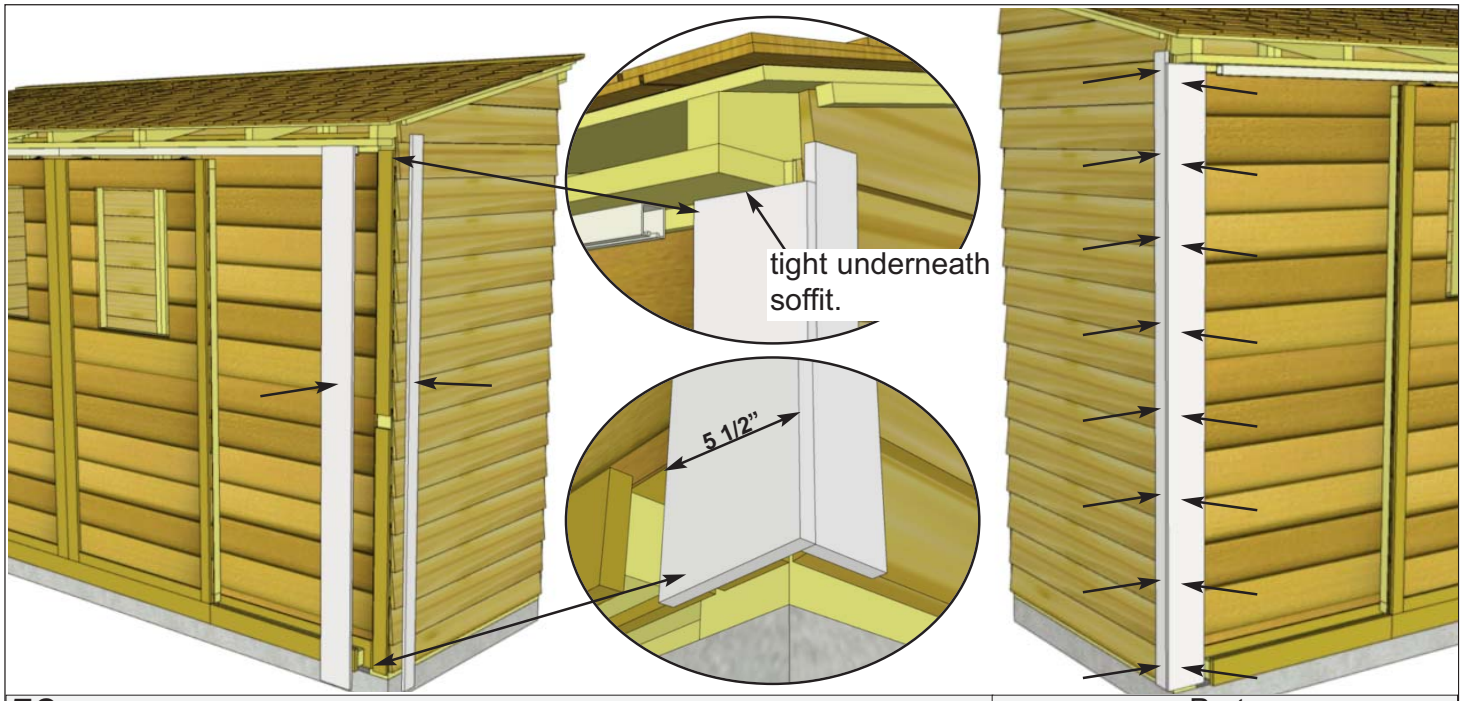
52. Position **4G - Interior Door Flange** on the rear of the left side door (when viewed from the front of the shed). Ensure flange is flush with the inside of the door frame and attach with **5 - 1 1/4" Screws**.

Parts

4G - Interior Door Flange (3/4" x 3 1/2" x 71 1/2") **x 1**

Hardware

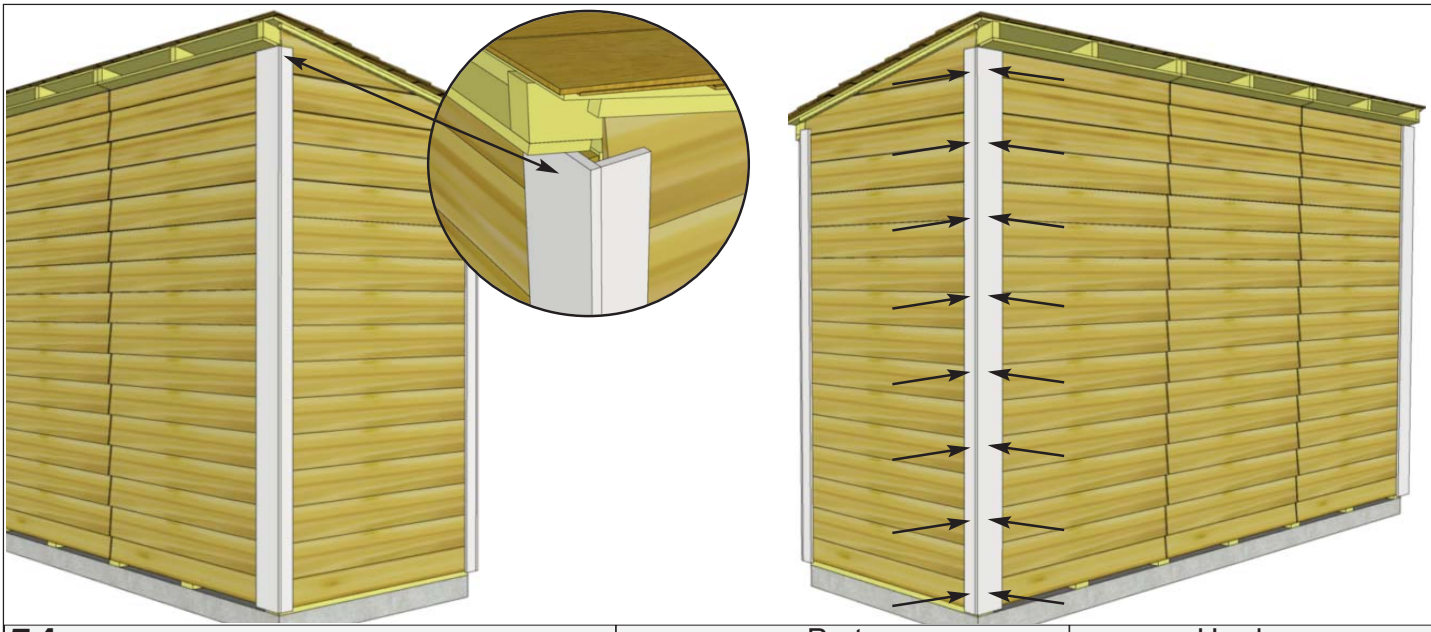
S2 - 1 1/4" Screws x 5 total



53. Place **4M & 4N - Front Corner Trims** in front corner and align as illustrated above. Do a dry run prior to attaching to achieve best fit. Start with 5 1/2” wide Front Corner Trim and align tight underneath soffit to determine vertical height. Attach with **8 - 1 1/2” Finishing Nails** per piece. Position and attach Side Front Corner Trim (2 1/2” wide) using **8 - 1 1/2” Finishing Nails**, aligning at bottom with wide trim.

Parts
4M - Front Corner Trims
(1/2” x 5 1/2” x 78 1/2”) **x 2**
4N - Side Front Corner Trims
(1/2” x 2 1/2” x 80”) **x 2**

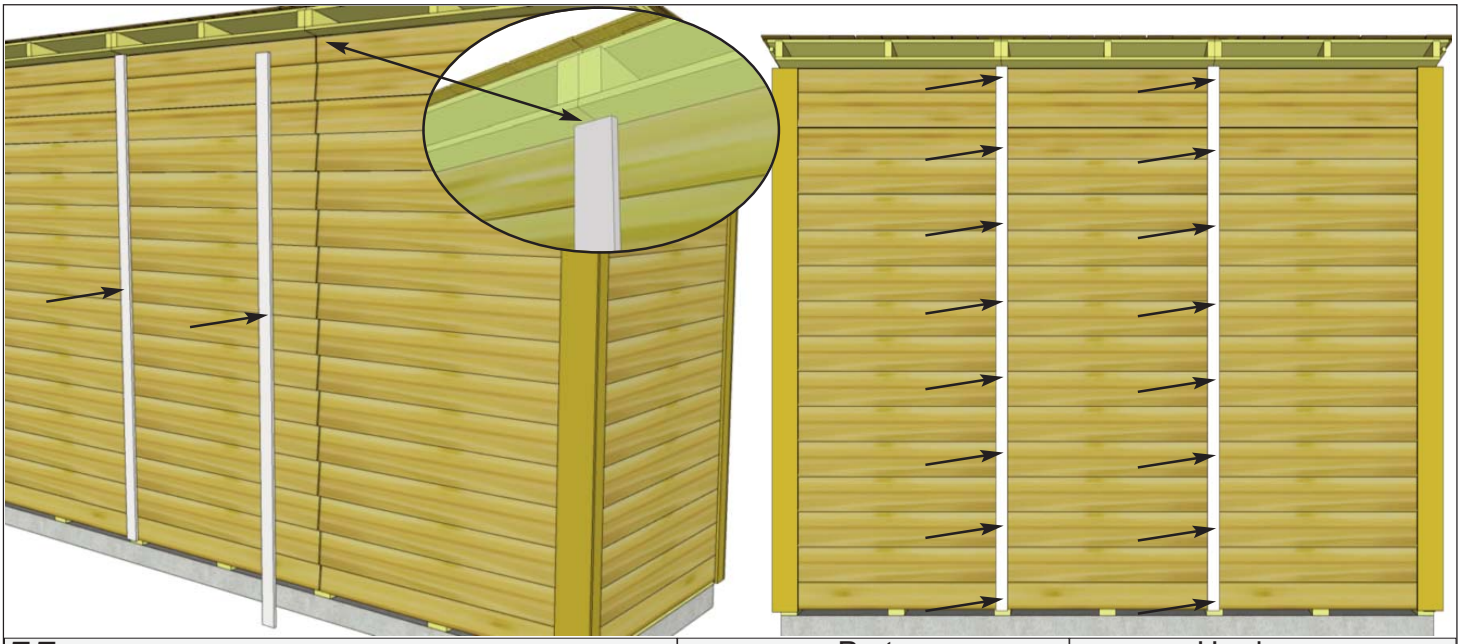
Hardware
N1 - 1 1/2” Finishing Nails
x 32 total



54. To complete trimming out rear corners, locate **4O & 4P - Rear Corner Trims**. Align and attach as per **Step 53**.

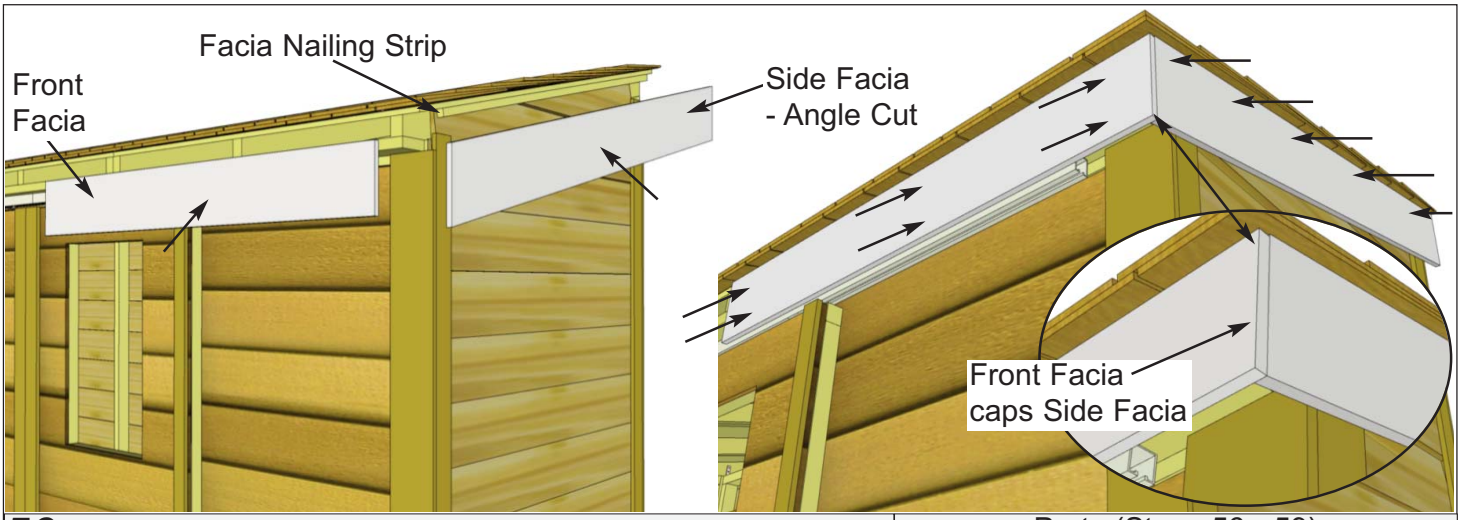
Parts
4O - Rear Corner Trims
(1/2” x 5 1/2” x 88 3/4”) **x 2**
4P - Side Rear Corner Trims
(1/2” x 2 1/2” x 88 3/4”) **x 2**

Hardware
N1 - 1 1/2” Finishing Nails
x 32 total



55. Attach **4P - Rear Middle Trims** where wall panels come together at rear seam. Attach with **8 - 1 1/2" Finishing Nails** aligning tight underneath soffit and center on seam.

Parts	Hardware
4P - Rear Middle Trim (1/2" x 2 1/2" x 88 3/4") **x 2**	**N1 - 1 1/2" Finishing Nails** x 16 total



56. Locate one **4Q - Side Facia** and one **4R - Front Facia** and align in front corner. Position facias underneath roof panel, doing a dry run first before securing. Front Facia goes against rafter ends and Side Facia goes against Facia Nailing Strip. Align so the Front Facia caps the Side Facia. Attach Front Facia with **2 - 1 1/2" Finishing Nails** per rafter end. Attach Side Facia to the Facia Nailing Strip with **5 - 1 1/2" Finishing Nails**.

Parts (Steps 56 - 59)

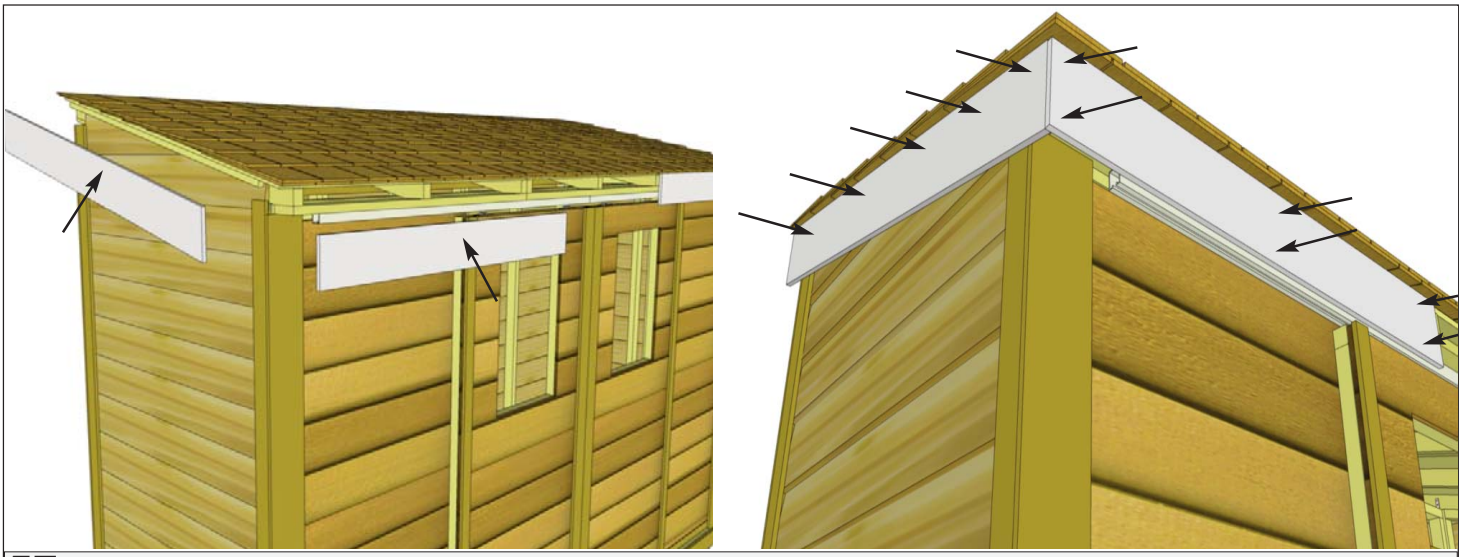
4Q - Side Facia - *Angle Cut Ends* (1/2" x 5 1/2" x 54 1/8") **x 2**

4R - Front & Rear Facia - L/R (1/2" x 5 1/2" x 50 1/2") **x 4**

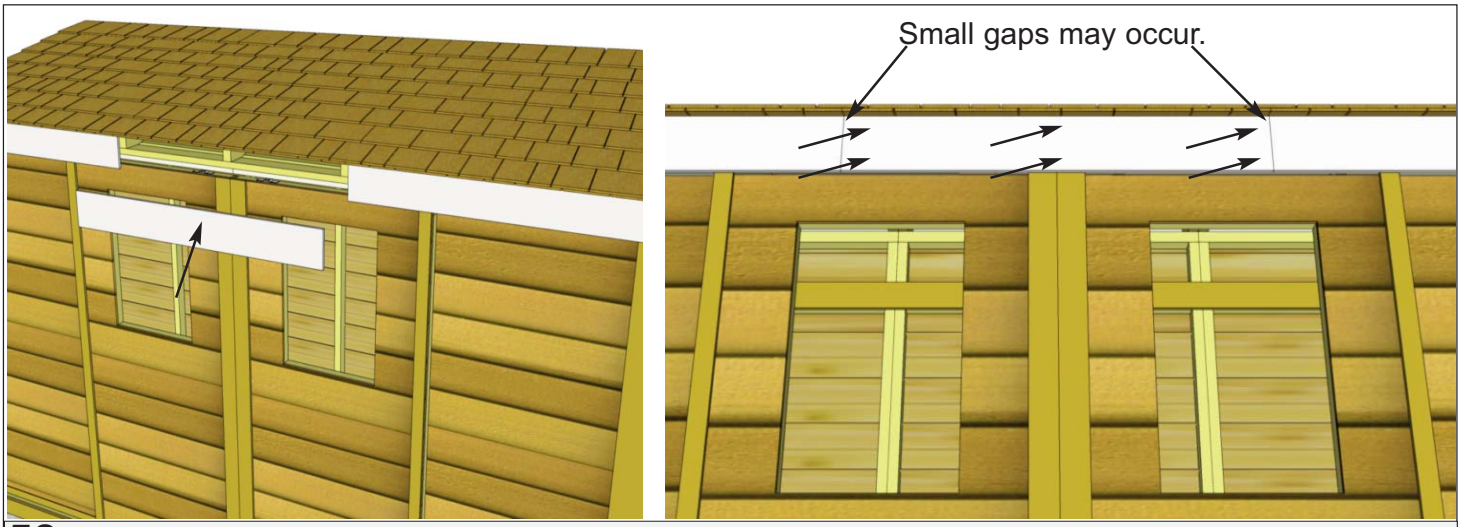
4S - Front & Rear Facia - Center (1/2" x 5 1/2" x 45 1/2") **x 2**

Hardware (Steps 56 - 59)

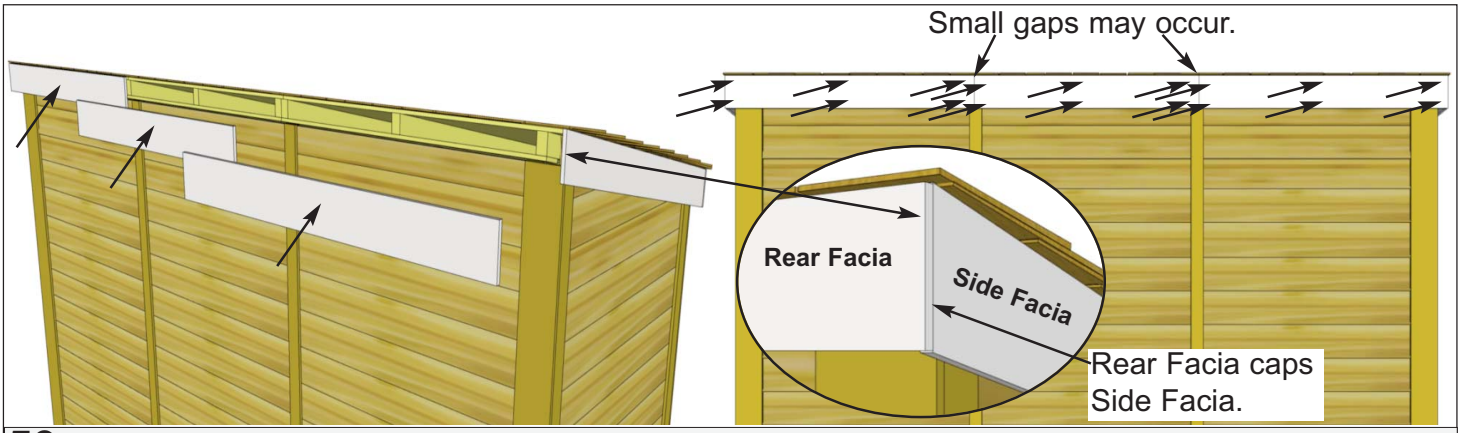
N1 - 1 1/2" Finishing Nails x 46 total



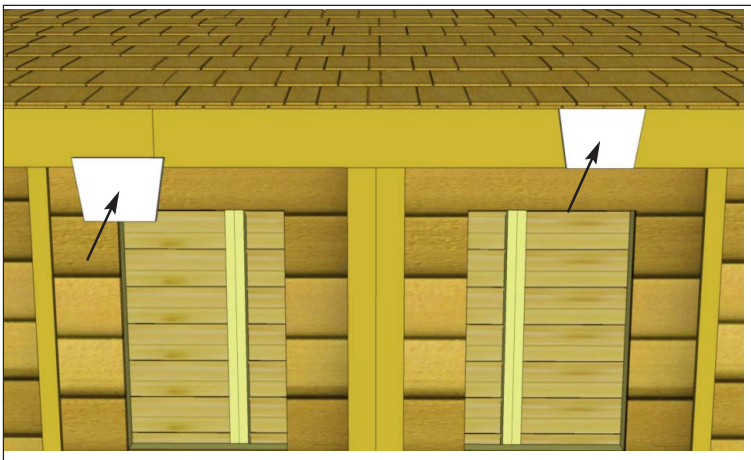
57. Attach other Front and Side Facia to opposite corner as per **Step 56**.

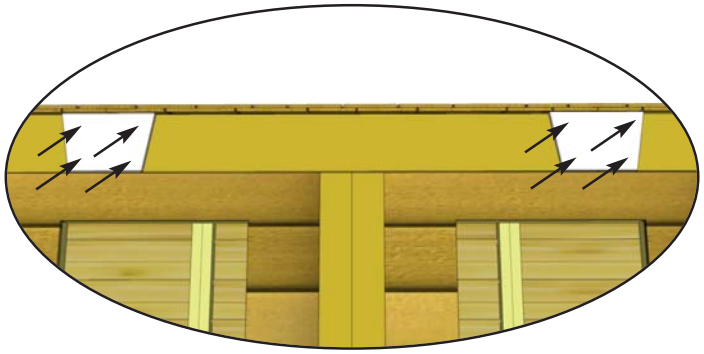


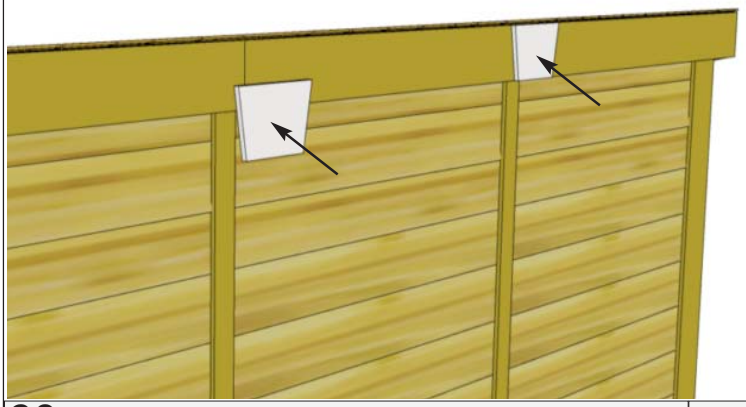
58. Attach **4S - Front Facia - Center** to rafter ends as shown above. Small gaps may occur between the Center and Left/Right Facia, but these will be covered by Facia Detail Plates in **Step 60**. Attach with **2 - 1 1/2" Finishing Nails** per rafter end.

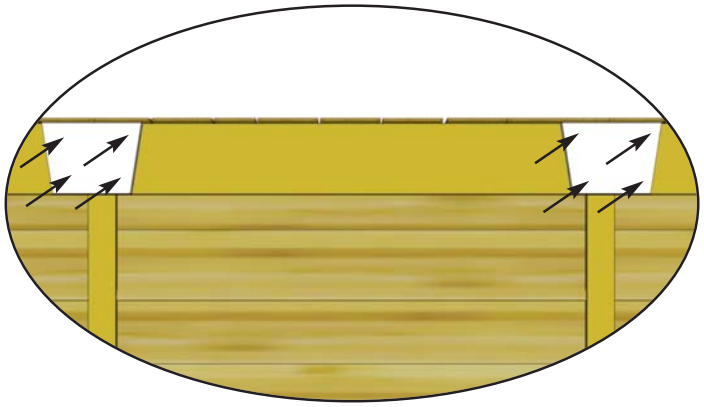


59. Attach **4R & 4S - Rear Facia** onto rafter ends as per **Steps 56 - 58**. Small gaps may occur between the Center and Left/Right Facia, these will be covered by Facia Detail Plates in **Step 60**. Rear Facia will cap the side Facia. Attach Rear Facia to rafter ends with **2 - 1 1/2" Finishing Nails** per rafter end.

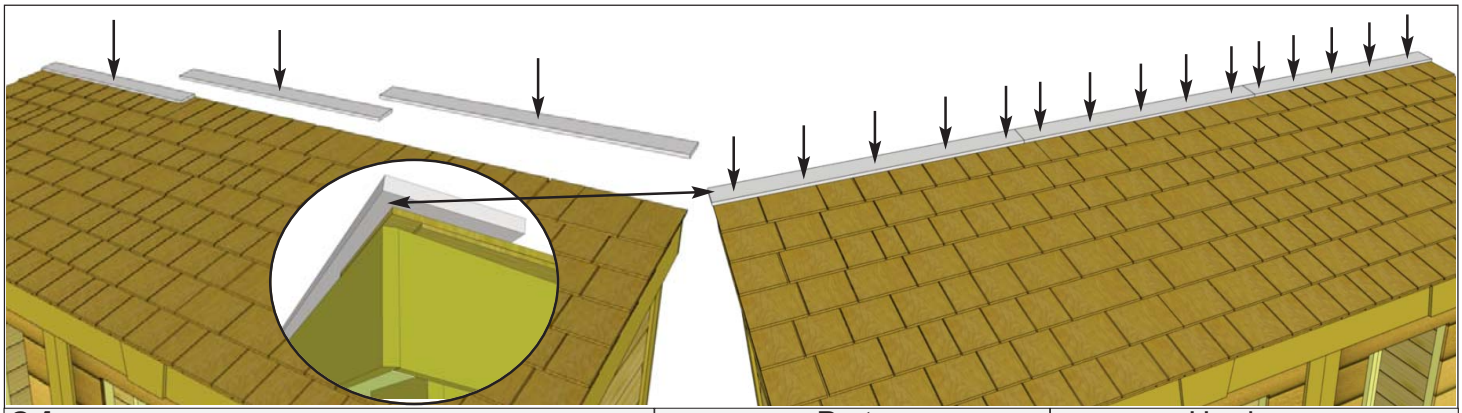




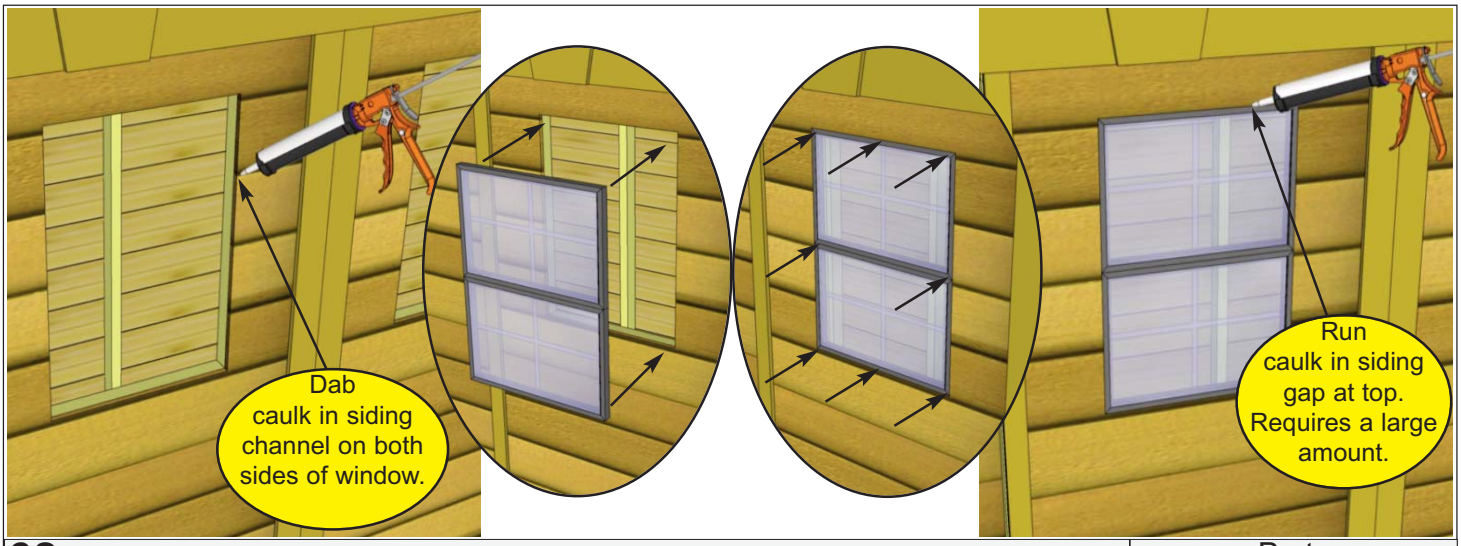




60. Attach **4T - Facia Detail Plates** to cover seams where Front and Rear Facia pieces meet. Secure with **4 - 1 1/2" Finishing Nails** per piece.	Parts **4T - Facia Detail Plates** (5 1/2" high) **x 4**	Hardware **N1 - 1 1/2" Finishing Nails** x 16 total



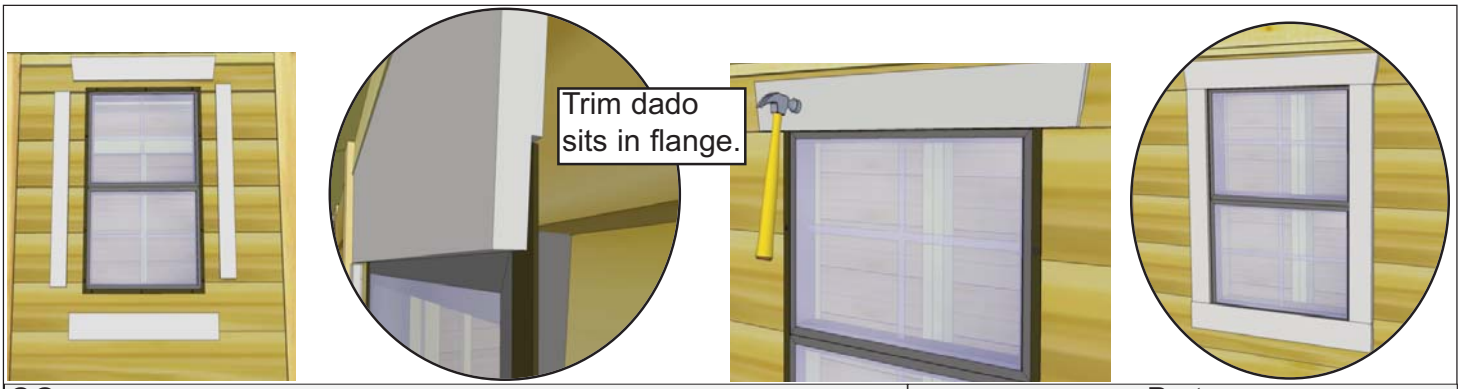
61. Position **4U - Roof Ridge Board** at the rear of roof to cap off shingles and facia. Ridge Boards should meet on seam of roof panels. When aligned correctly, attach with **5 - 1 1/2" Finishing Nails** per piece.	Parts **4U - Roof Ridge Boards** (1/2" x 4 1/2" x 49 1/4") **x 3**	Hardware **N1 - 1 1/2" Finishing Nails** x 15 total



62. Locate **4V - Window Inserts**. Before installing, dab caulk in siding channel on both sides of window opening. This will prevent water from getting in behind window. Position window in cavity and secure with **8 - 1 1/4" Screws**. Caulk gap between siding and window at top. This requires a large amount of caulking but is important to fill. Later, Window Trims will be installed to hide caulking. Complete second Window Insert the same.

Parts
4V - Window Inserts (18 1/4" x 23") **x 2**

Hardware
S2 - 1 1/4" Screws x 16 total



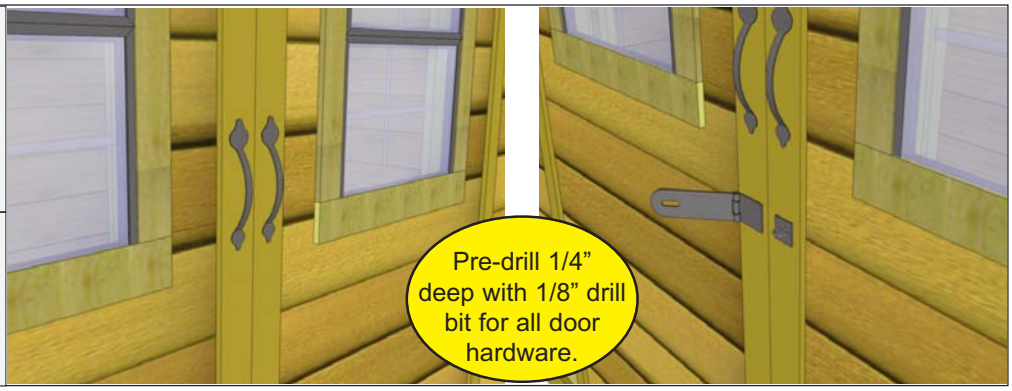
63. Position **4W - Window Trim** around window doing a dry run first and attach with **4 - 1 1/2" Finishing Nails** per piece. Window trim has a small dado on reverse face. Outside flange of window will roughly sit in the dado to give a better fit. Complete both windows the same.

Parts
4W - Window Trim Kit x 2
(Top pc - 24 1/16") **x 1**- *Angle Ends*
(Side/Bottom pcs - 23") **x 3**

Hardware
N1 - 1 1/2" Finishing Nails x 32 total

64. Attach **Y3 - Door Handles** and **Y11 - Black Hasp.** Handles and Hasp are positioned on wide door trim and mounted with **3/4" Black Screws**.

Hardware
Y3 - Door Handles x 2 total
Y11 - Black Hasp x 1 total
SB1 - 3/4" Screws x 16 total



Congratulations on assembling your 12x4 SpaceSaver Shed with Sliding Doors!

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 base 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 hope your experience assembling your 12x4 Slider Lean-To Storage Shed has been both positive and rewarding.

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.

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