Outdoor Living Today

ASSEMBLY MANUAL

12x4 Space Saver

with Sliding Doors

Stock Code:
SS124-SLIDER-CEDAR-AK/FJ
SS124-SLIDER-METAL-AK/FJ
SS124-SLIDER-PLY-AK/FJ

Version #1.3
Nov 4, 2025



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What You Need to Know

Thank you for purchasing a 12x4 Space Saver.

Please take the time to identify all the parts prior to assembly.

IMPORTANT INFORMATION

It is the sole responsibility of the customer to check with your local municipal or county by-laws before ordering this product to confirm it complies with building codes in your area.
If the product is elevated, any structural and building code requirements are solely the customer's responsibility, and should be abided by.

Snow load ratings vary by geographical location. If heavy or wet snowfall occurs, it is advisable to sweep snow off roof frequently. 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.

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.

Warranty

In the event of a missing or broken piece, please contact Outdoor Living Today Customer Support at olmsupport@outdoorlivingtoday.com 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.

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

What to do Before my Shed Arrives?



Become familiar with this assembly manual and determine if you can complete the project yourself or will require a professional contractor.



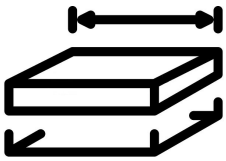
One helper is recommended to assist in constructing your shed. It generally takes two people two days to assemble a shed. If you're hiring a contractor, their rate should be in line with that duration of work.



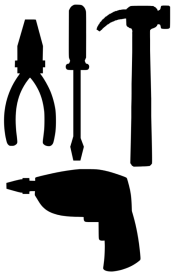
Clear the construction area and ensure a clear pathway for delivery when the freight company arrives. Remove all debris: roots, grass, rocks, etc.



Excavate the site. Contact your local utilities company to ensure there are no gas or electric lines buried in the area before digging.



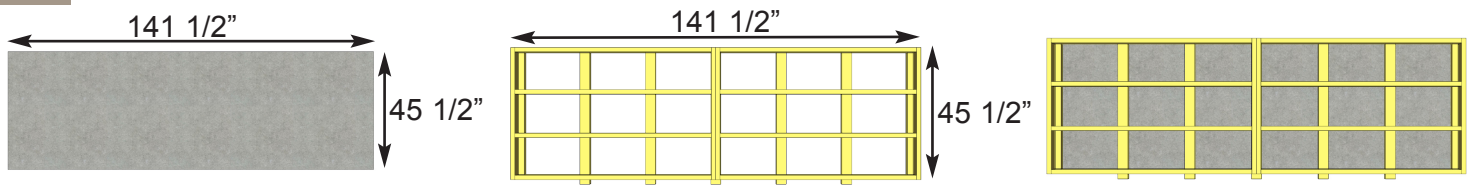
Decide on the type of foundation you will be using:
Concrete slab, or 4-6 inches of crushed gravel with paver stones or 4x4 stringers.
You can find the footprint for your shed on Page 3 of your Assembly Manual.



If doing the assembly yourself, have all the necessary tools ready to go and in working condition. A list of required tools can be found after the parts list.

Foundation Types for 12x4 Garden Shed

1.

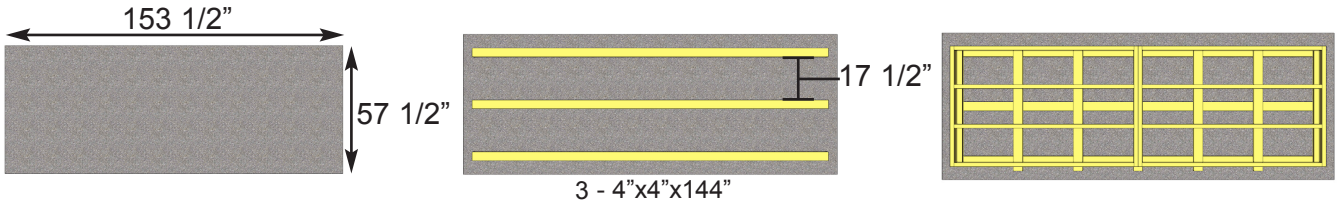


Concrete Foundation **Floor Frame** **Completed Foundation**

Concrete Slab Foundation:
- Slab must be at least the same size as assembled floor frame (45 1/2” x 141 1/2”) or larger.
- 6” Deep foundation.
- 0.9 Cubic Yards of concrete required.
- A concrete slab will have the longest durability out of your foundation options.

Once level, a concrete slab is the easiest surface to build on.

2.

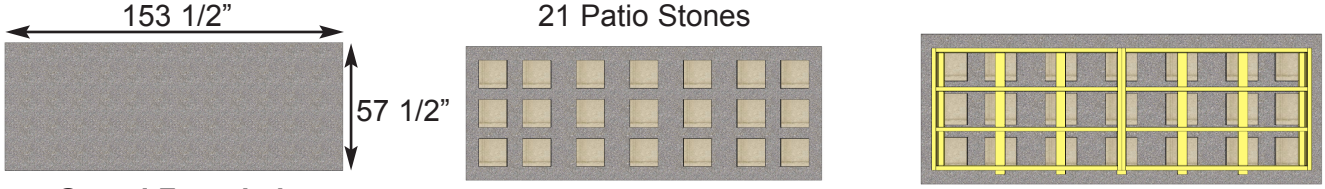


Gravel Foundation **Gravel Foundation with treated stringers** **Completed Foundation**

Gravel with 4x4 Pressure Treated Stringers:
- Excavate at least 6” deep, and 6” wider than floor frame on each side.
- 1.2 Cubic Yards of gravel required, approximately 11 wheelbarrows.
- 3 - 4x4 Pressure Treated Stringers 12’ long required.
- Evenly spaced, with one at each end of floor frame.

Saves money on materials, easy to level and work with.

3.



Gravel Foundation **Gravel Foundation with Patio Pavers** **Completed Foundation**

Gravel with Patio Paver Stones:
- Excavate at least 6” deep, and 6” wider than floor frame on each side.
- 1.2 Cubic Yards of gravel required, approximately 11 wheelbarrows.
- 21 patio pavers (8” x 8” or larger).
- Center patio paver stones underneath floor runners and underneath seams in floor joists.

Patio paver stones are widely available from most landscape stores.

Thank you for purchasing our 12x4 Space Saver.
Please take the time to identify all the parts prior to assembly.

Parts List

	Steps
A. Floor Section	
Floors 2 - 45 ½" x 70 ¾" - Floor Frames 4 - 1 ½" x 3 ½" x 67 3/4" - Floor Joists 2 - 1 ½" x 3 ½" x 45 ½" - Floor Runners - Short 5 - 1 ½" x 3 ½" x 47 ½" - Floor Runners - Long 2 - 5/8" x 45 3/8" x 70 5/8" - Plywood Floor	A1 - A6
B. Wall Section	
Main Wall Panels 5 - 45 ½" x 75" - Side/Rear Wall Panels 5 - 1 5/8" x 2 ½" x 45 ½" - Bottom Wall Plates - Side/Rear Walls 2 - 1 5/8" x 2 ½" x 35" - Bottom Wall Plates - Front Walls 2 - 35" x 73" - Front Wall Panels	B1 - B6
Door Jamb & Headers 2 - 2" x 3 ½" x 26 ¼" - Door Headers - Short 1 - 2" x 3 ½" x 84" - Door Header - Long (88" Aluminum Strip Attached) 1 - 1 ½" x 3" x 66 ½" - Interior Door Header 2 - 1 ½" x 3 ½" x 71 ½" - Door Jambs	B7 - B8 B16 - B17
Extender Walls & Wall Cleats 2 - Top Triangular Siding Pc for Angle Wall Extenders 2 - 45 ¼" - Angle Wall Extenders - Left/Right 3 - 9" x 45 ½" - Wall Extenders 1 - ¾" x 3 ½" x 84" - Horizontal Wall Cleat - Long 2 - ¾" x 3 ½" x 26 ¼" - Horizontal Wall Cleats - Short	B9 - B15
C. Rafter Section	
Rafter Assembly 9 - 1 ½" x 2 ½" x 54" - Rafters 2 - 1" x 3 ½" x 48" - Front Soffits - Left/Right 1 - 1" x 3 ½" x 45 ½" - Front Soffit - Center 2 - ½" x 3 ½" x 48" - Rear Soffits - Left/Right 1 - ½" x 3 ½" x 45 ½" - Rear Soffit - Center	C1 - C6
D. Roof Section - CEDAR	
2 - ¾" x ¾" x 51" - Facia Nailing Strips 2 - Roof Panels - 51" w x 56" d (1 - Left 1- Right) 1 - Roof Panel - 45 ½" w x 56" d (Center) 8 - 5 ½" Wide x 16" to 18" long - Filler Shingles 3 - ½" x 4 ½" x 49 ¼" - Roof Ridge Boards	D1 - D13
D. Roof Section - METAL	
3 - 3/4" x 3 ½"x 45 1/2"- Roof Battens Center 6 - 3/4" x 3 1/2" x 50" Roof Battens Outside 2 - ¾" x ¾" x 51" - Facia Nailing Strips 5 - Metal Roof Panels - 39" wide x 58 1/2" long 4 - 3/4" x 1 1/2" x 21 5/8 - Batten Spacers	D1 - D12
D. Roof Section - PLYWOOD	
2 - 5/8" x 48" x 50"- Outside Large Roof Plywood Panels 1 - 5/8" x 48" x 45 1/2" - Center Large Roof Plywood Panel 2 - 5/8" x 50" x 5 3/4" - Outside Small Roof Plywood Panels 1 - 5/8" x 45 1/2" x 5 3/4" - Center Small Roof Plywood Panel 2 - ¾" x ¾" x 51" - Facia Nailing Strips	D1 - D6

E. Trim / Misc. Section	
Bottom Skirting 5 - ¾" x 4 ½" x 45 ¼" - Side/Rear Bottom Skirting (Bevel Siding) 3 - ½" x 4" x 45 ¼" - Front Bottom Skirting	E1 - E3
Filler Trim 4 - ½" x 2 ½" x 38" - Front Corner Filler Trims 4 - 7/8" x 2 ½" x 42" - Rear Corner Filler Trims - AK MODEL 4 - ¾" x 2 ½" x 42" - Rear Corner Filler Trims - FJ MODEL	E5 - E6
Door System 2 - Aluminum Door Tracks 2 - 36" x 73" - Sliding Doors 1 - ¾" x 3 ½" x 71" - Interior Door Flange 2 - 1 ½" x 1 ½" x 61 1/8" - Lower Door Track 3 - ¾" x 3 ½" x 44 ¼" - Lower Door Track Cover 3 - 1 ½" x 2 ¼" x 3 ½" - Sliding Door Track Stops	E7 - E11
Outer Wall Trim 2 - ½" x 5 ½" x 78 ½" - Front Corner Trims 2 - ½ x 2 ½" x 80" - Side Front Corner Trims 2 - ½" x 5 ½" x 88 ¾" - Rear Corner Trims 4 - ½" x 2 ½" x 88 ¾" - Side Rear Corner & Middle Trims	E12 - E14
Facia 2 - ½" x 5 ½" x 54 1/8" - Side Facia (Angle Cut Ends) 4 - ½" x 5 ½" x 50 ½" - Front and Rear Facia - Left/Right 2 - ½" x 5 ½" x 45 ½" - Front and Rear Facia - Center 4 - Facia Detail Plates (5 ½" high)	E15 - E19
Windows 2 - Window Inserts 18 1/4"w x 23"h 2 - Window Trim Kits 1 - Top pc - 24 1/16" Length - Angle Cut Ends 3 - Side/Bottom pcs - 23" Length	E20 - E21
Miscellaneous 1 - 45 ¼" - Extra Piece of Bevel Wall Siding - Use if side/rear wall panel siding is damaged or to shim floor or door. 1 - 36" - Extra Piece of Lap Siding - Use if front wall panel siding is damaged	
Note: We recommend you drill a 1/8" pilot hole for each screw to avoid splitting wood. The hole depth should be equal to 3/4 the length of screw.	

Note: Trim and Skirting pieces are graded with the best face being rough sawn.
Rough sawn cedar is much easier to paint and stain.

12x4 SPACESAVER HARDWARE PACKAGE

Hardware Kit (Provided)

3” Brown Screw



44 pcs

2 1/2” Brown Screw



234 pcs

1 1/4” Brown Screw



190 pcs

3/4” Black Headed Screw



20 pcs

1 1/2” Finishing Nail



305 pcs

90° Metal Bracket



8 Pcs

Square Drive Bit



2 pcs

Door Handle



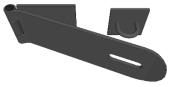
2 pcs

Tee Hinge



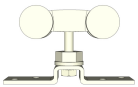
4 pcs

Black Hasp



1 pc

Roller Assembly



4 pcs

Hardware Kit - CEDAR ROOF (Provided)

2 1/2”



x 20

1 1/4”



x 32

1 1/2”



x 12

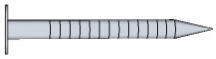
1”



Silver

x 24

1 1/2”



Shingle

x 36



90° Metal Brackets x 8

Hardware Kit - METAL ROOF (Provided)

1 1/4”



x 35



Silicone Caulking

x 1

1/4” x 1 1/2”



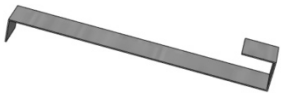
Metal Roof Screw

x 20



1/4” Nut Driver

x 1



Metal Roof Hanger x 5

Hardware Kit - PLYWOOD ROOF (Provided)

2 1/2”



x 8

1 1/4”



x 68

1”



Silver

x 24

3/4”



Silver

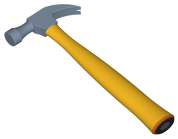
x 12



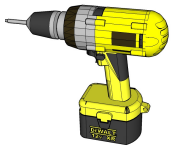
90° Metal Brackets x 8

Tools Required (Not Provided)

Hammer



Screw Gun/Drill



Tape Measure



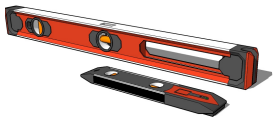
Wood Clamp



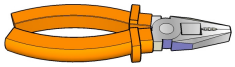
Caulking Gun



Level



Pliers



Ladder



1/8” & 3/8” Drill Bits



Safety Equipment Required (Not Provided)

Safety Glasses



Work Gloves



Assembly Manual shows instructions for the shed with Architect Knotty (AK) Siding and three different roof options. Please proceed to correct roof section depending on your selected roof type after rafter installation. The Parts List shows differences in some part sizes between our different types of siding.

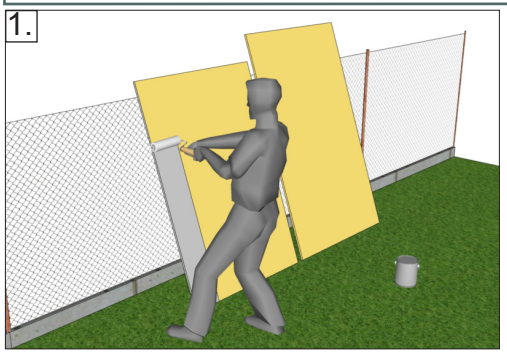


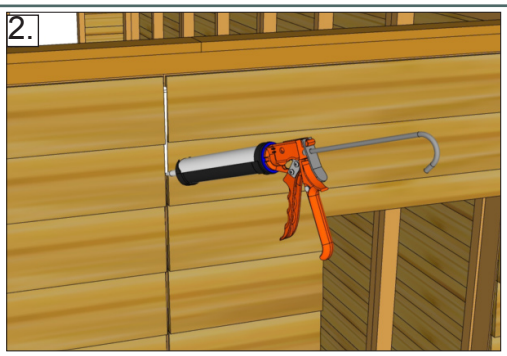


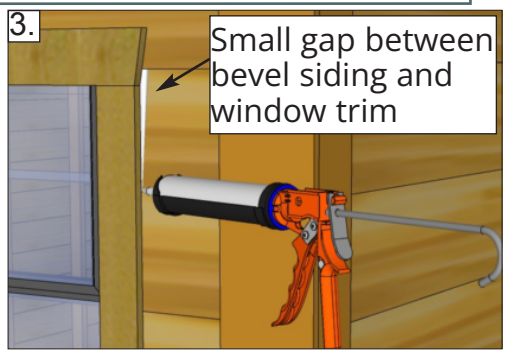


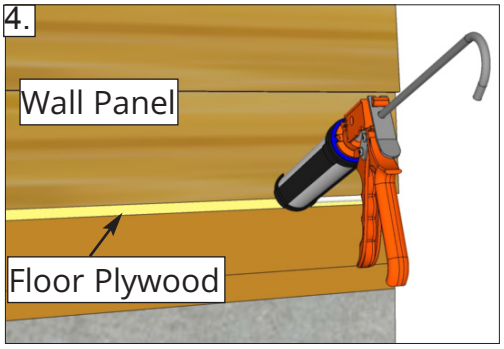
Regular Maintenance & Tips to Prolong the Life of Your Shed.

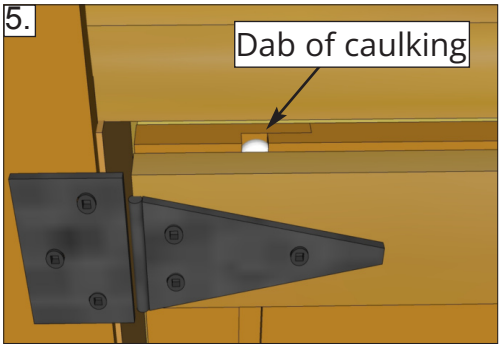
Before/During Assembly:
1.) Paint each face and edge of your plywood floor with a latex exterior paint.
2.) Caulk wall seams if gaps appear.
3.) Caulk around window framing (if applicable).
4.) Caulk perimeter between floor plywood and bottom wall plate.
5.) Caulk channels in lap siding at the top of your door above the trim, just a drop in each channel.
6.) Caulk edge of door threshold (if applicable).
7.) Optional: Install a Sill Gasket between floor runners and foundation.
8.) Optional: Install an 8" strip of roofing paper below Cedar Ridge Caps for Cedar Roof Sheds.

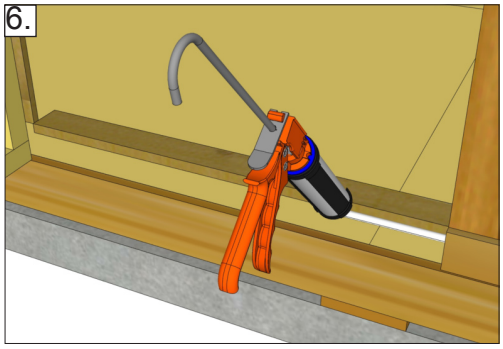


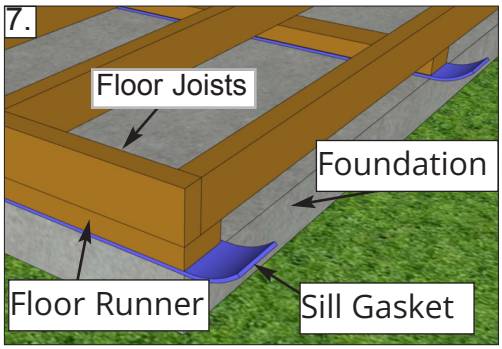


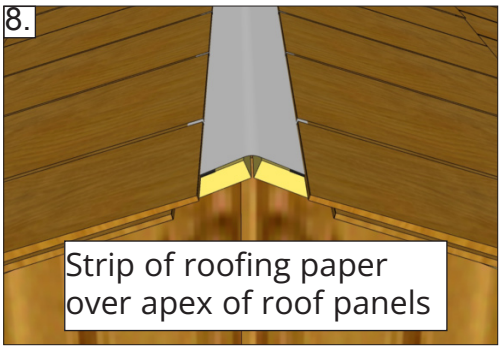


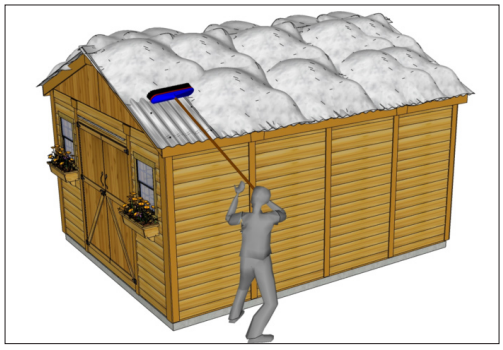










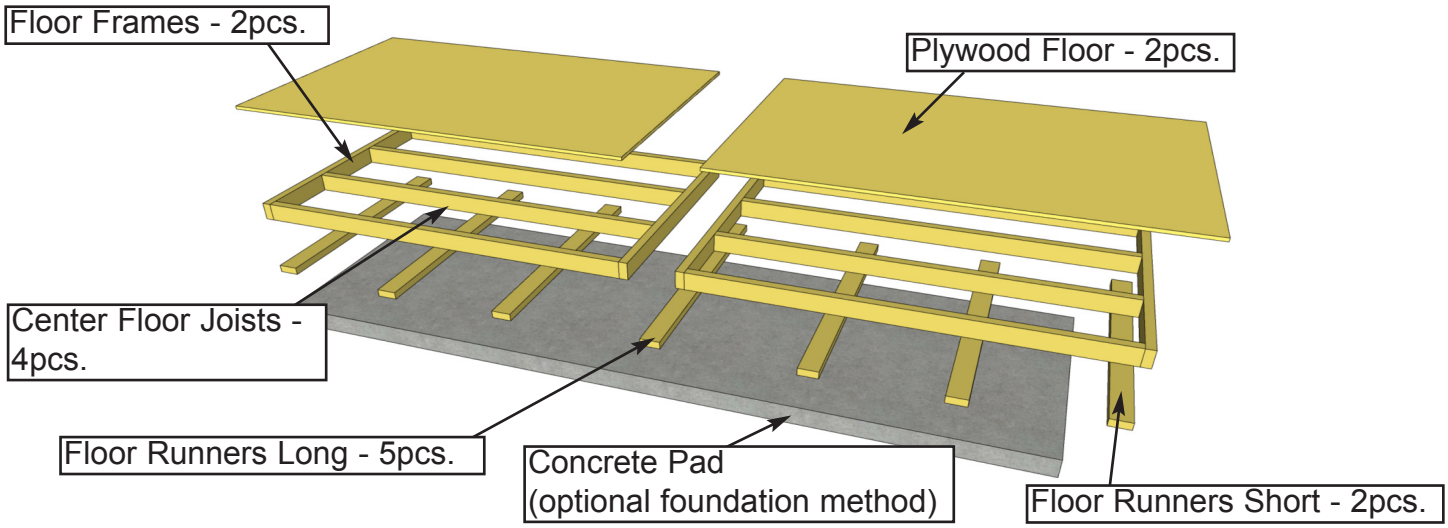


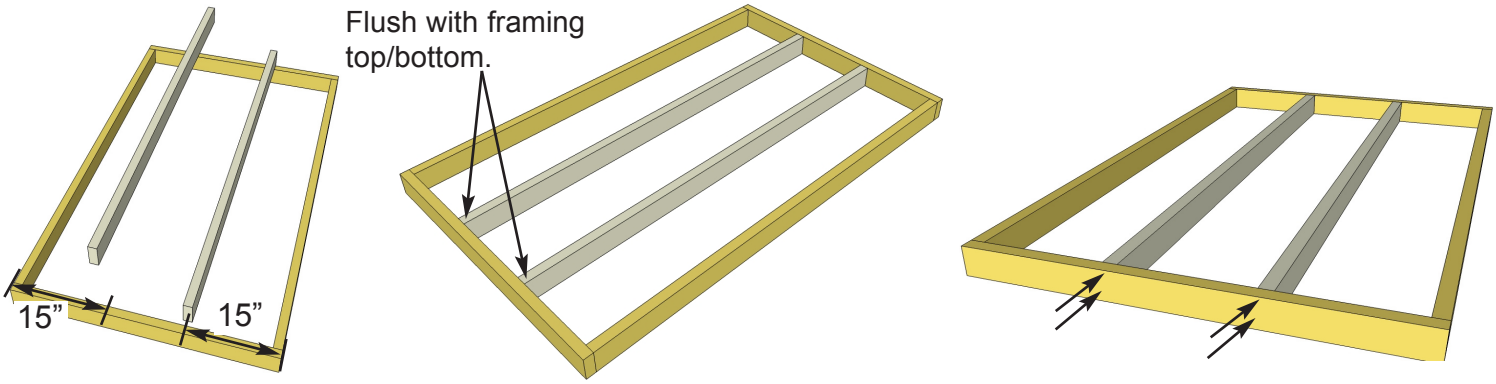
Routine Maintenance:
- Routinely check all fasteners are tight (ex. Door Hinges, Nails)
- Brush off dirt from walls.
- Brush off snow from roof regularly.
- Routinely remove needles and leaves from roof.

Painting/Staining
- Your cedar shed, if left untreated, will weather to a silvery grey colour.
- Painting or staining your structure is highly recommended and will prolong the life of your shed.
- You do not need to wait to paint or stain your shed, the wood in your kit has been dried and can be stained or painted immediately.
- Consult your local paint store for the best paint or stain for cedar.
- Optional: stain the inside of your shed. (Note: this will remove the fresh cedar smell.)

A. 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.

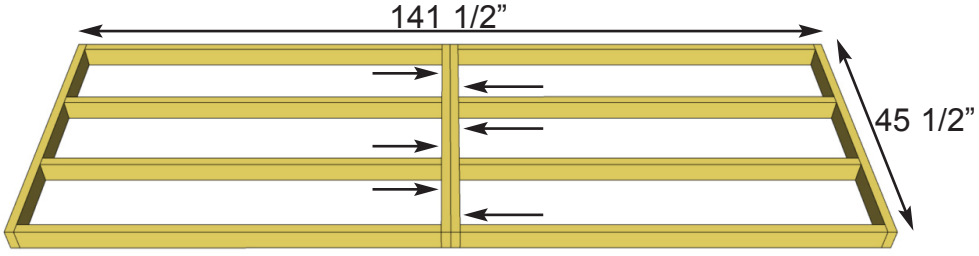




A1. Lay out **Floor Frame** and two **Floor Joists** as illustrated above. Position the center of each Joist 15" from the outer edge of Floor Frame. When correctly positioned, attach each Joist with **4 - 2 1/2" Screws** (2 per end). **You can find the Square Drive Screw Bit in the Hardware Kit Bag.** Complete remaining Floor Frame the same.

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

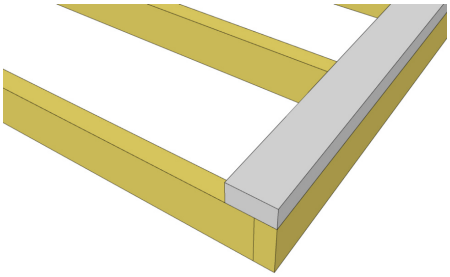
Hardware
2 1/2" Screws x 16 total

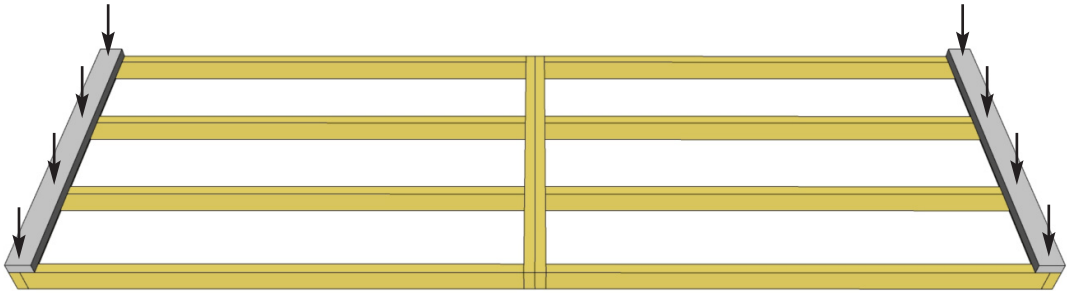


You can find Square Drive Bit for the screws in with the Hardware Kit Bag.

A2. 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.**

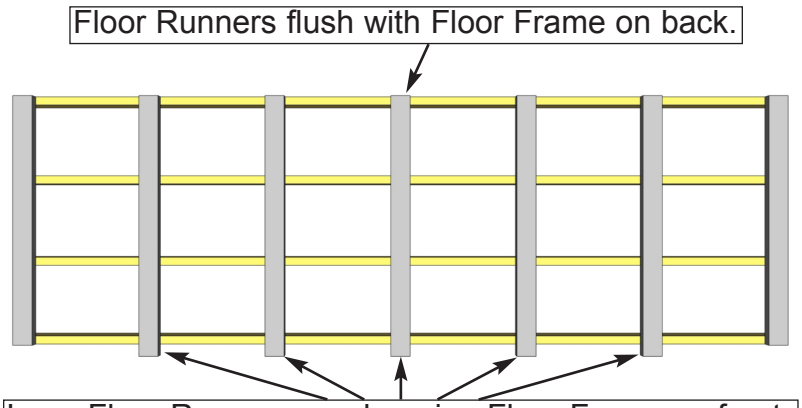
Hardware
2 1/2" Screws
x 6 total

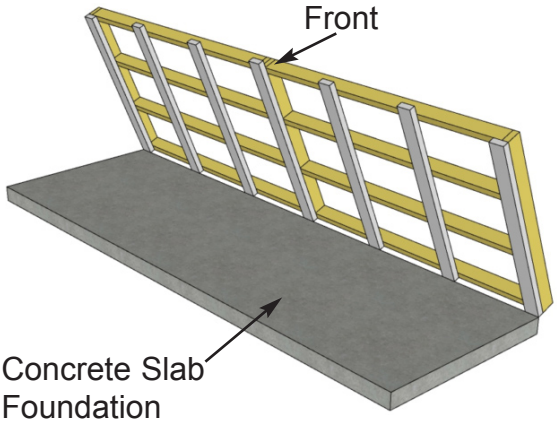




A3. Position **Floor Runners - Short** on each side of the completed floor frame. Runners should be flush with corners but not overhanging. Attach with **4 - 2 1/2" Screws** per Runner.

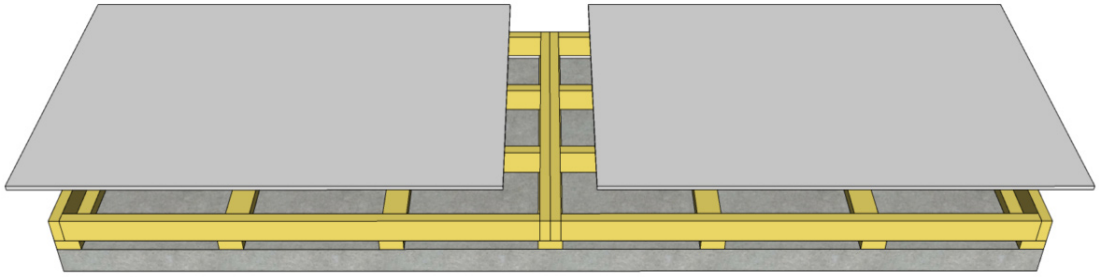
Parts	Hardware
Floor Runners - Short (1 1/2" x 3 1/2" x 45 1/2") **x 2**	**2 1/2" Screws** x 8 total



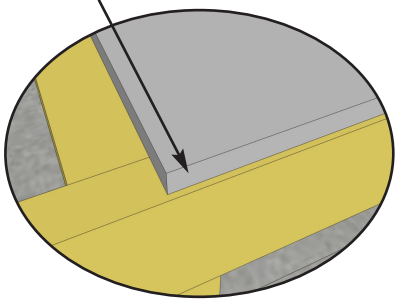


A4. Align **Floor Runners - Long** evenly spaced as shown above and flush with the back of the Floor Frame. On the front, Runners will extend 2" past the Floor Frame to provide support for the Sliding Door Track later in the Assembly. Attach with **4 - 2 1/2" Screws** per Runner. With Floor Runners attached, 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.

Parts	Hardware
Floor Runners - Long (1 1/2" x 3 1/2" x 47 1/2") **x 5**	**2 1/2" Screws** x 20 total

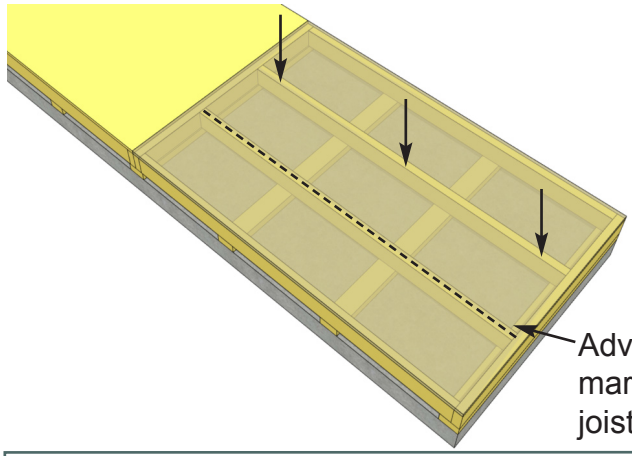


Note: Plywood is cut slightly smaller than floor framing. Keep plywood seams tight.

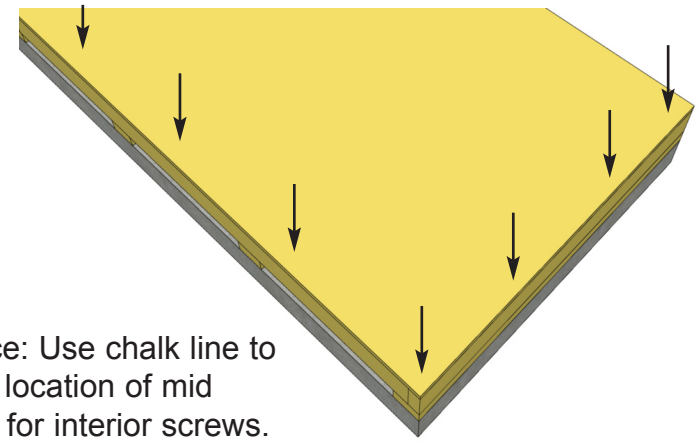


A5. Position **Plywood Floor** on top of completed floor frames. Plywood will sit slightly inset from outside of floor frame.

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



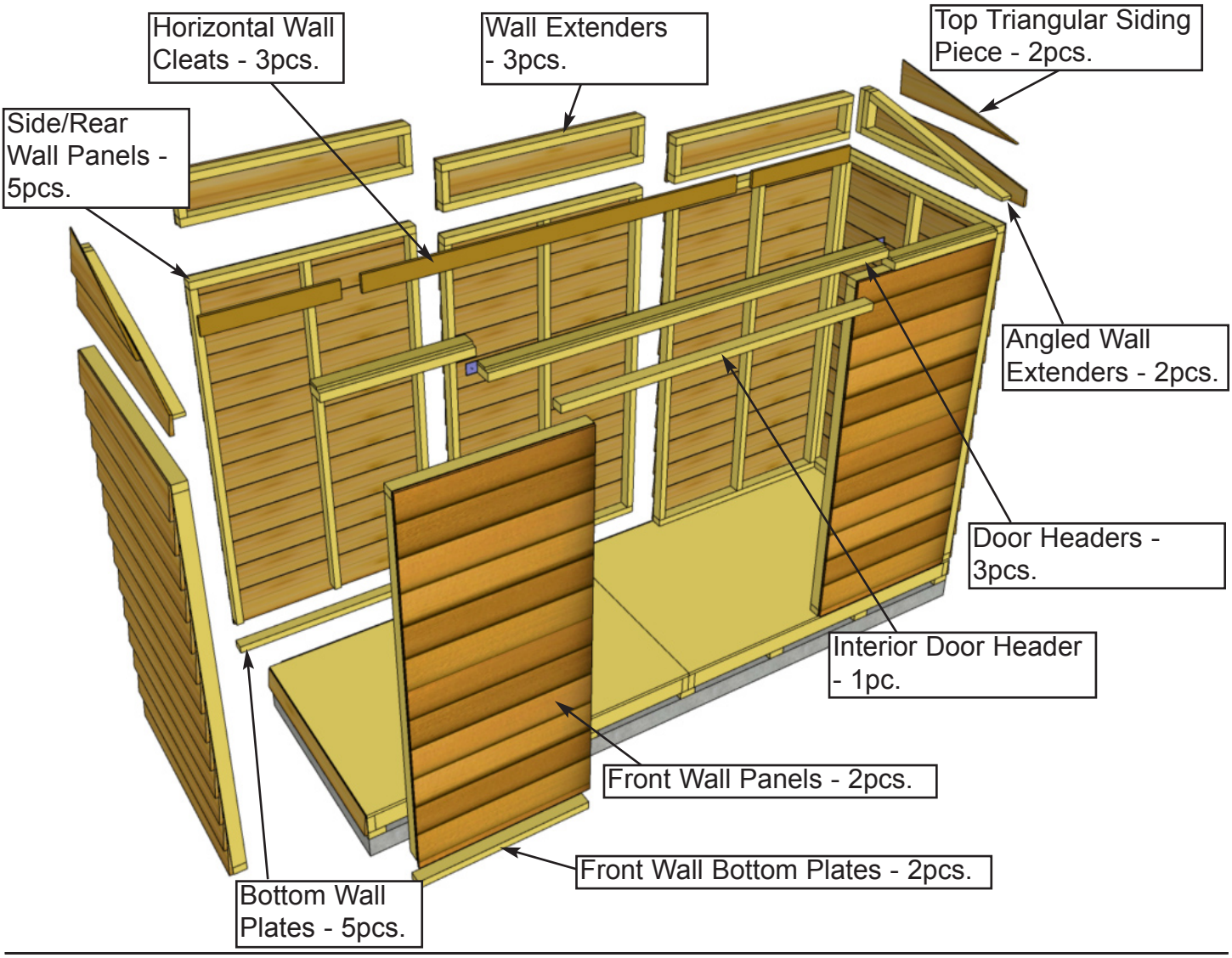
Advice: Use chalk line to mark location of mid joists for interior screws.

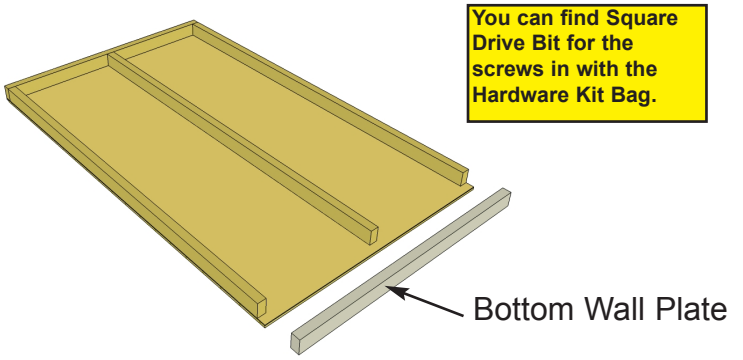


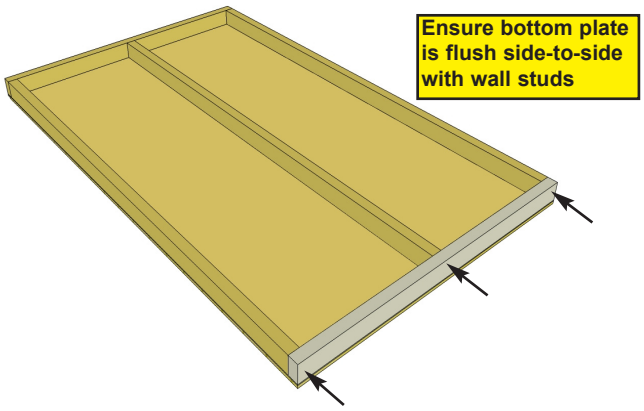
A6. With Plywood positioned correctly on floor framing, attach with **1 1/4" Screws**. Use screws every 16" around perimeter of each floor section and 3 screws through each mid joists.	Hardware **1 1/4" Screws** x 40 total (approx.)

B. Wall Section

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

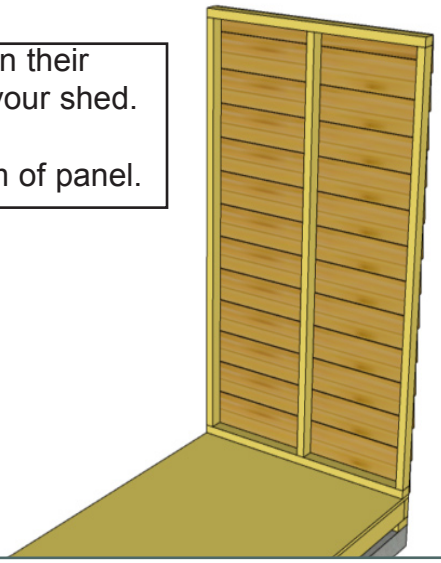




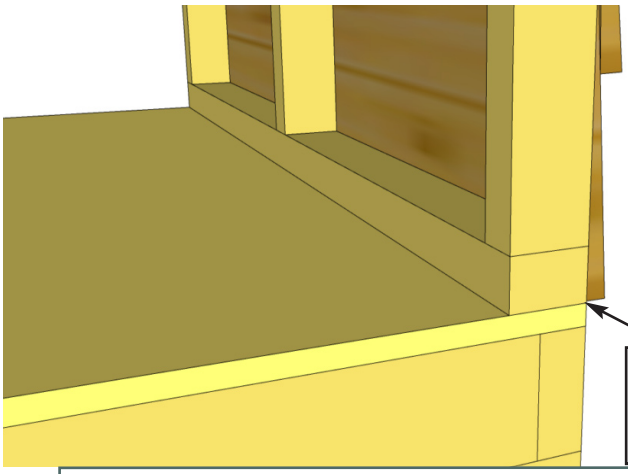


B1. Carefully lay **Side/Rear Wall Panels** face down. Position and attach **Bottom Wall Plates** to bottom of wall studs of each wall panel with **3 - 2 1/2" Screws**. Position so plates are flush with framing. Complete 4 remaining solid walls.	Parts **Side/Rear Wall Panels** (45 1/2" wide x 75" high) **x 5** **Bottom Wall Plates** (1 5/8" x 2 1/2" x 45 1/2") **x 5**	Hardware **2 1/2" Screws** x 15 total

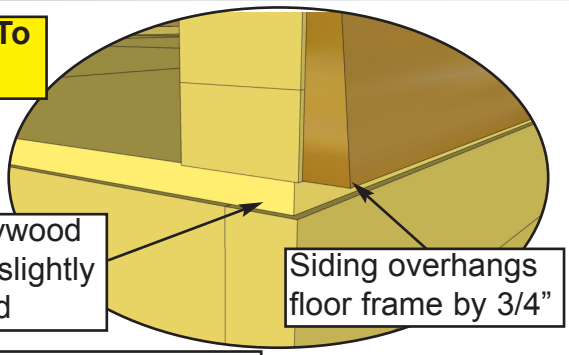
Important: Make sure all walls are aligned in their upright position. If not, water may leak into your shed.
Unsure if panel is facing up or down?
Recently attached Bottom Plate is on bottom of panel.



B2. 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.

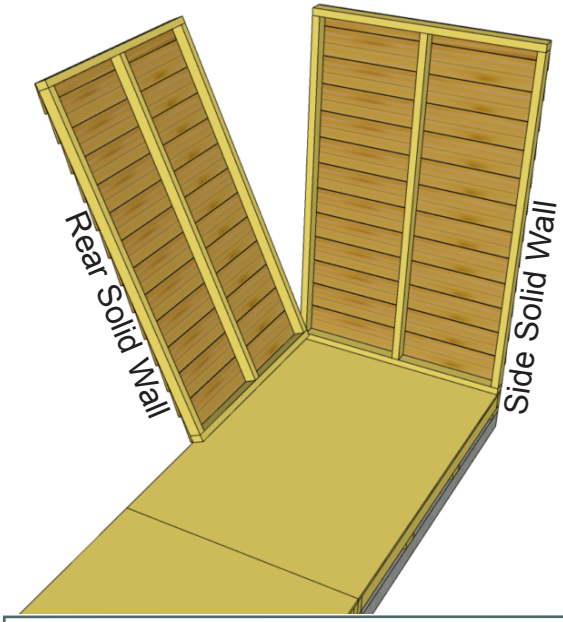


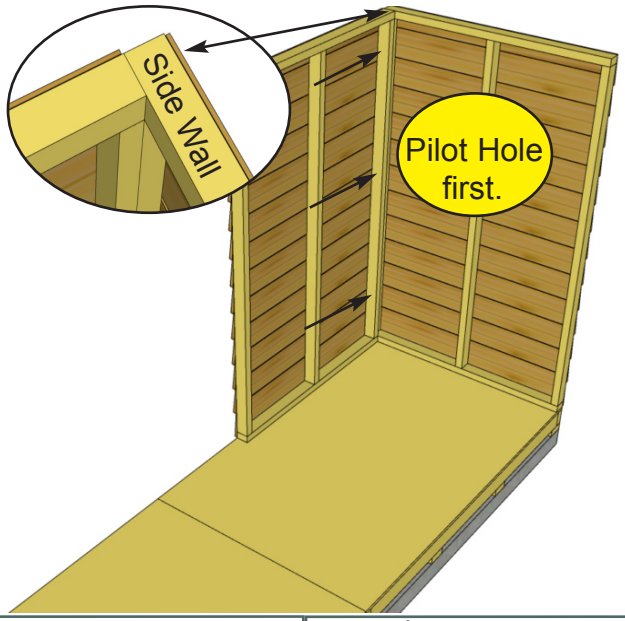
Do Not Attach Walls To Floor until Step B18.



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

B3. The side wall panels will sit even with the floor frame and the rear wall panels will be sandwiched between the side wall panels. The floor plywood may be slightly recessed.**Note:** Siding will overhang the floor frame by approximately 3/4".

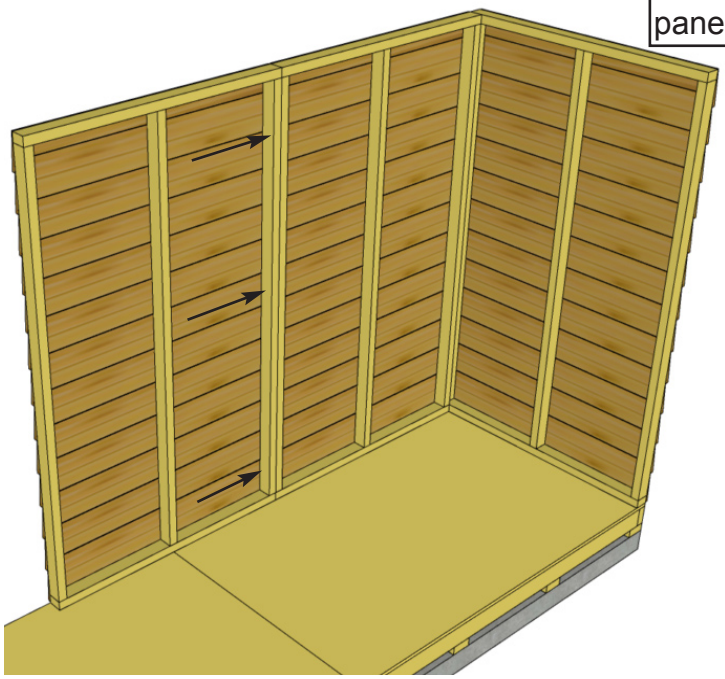


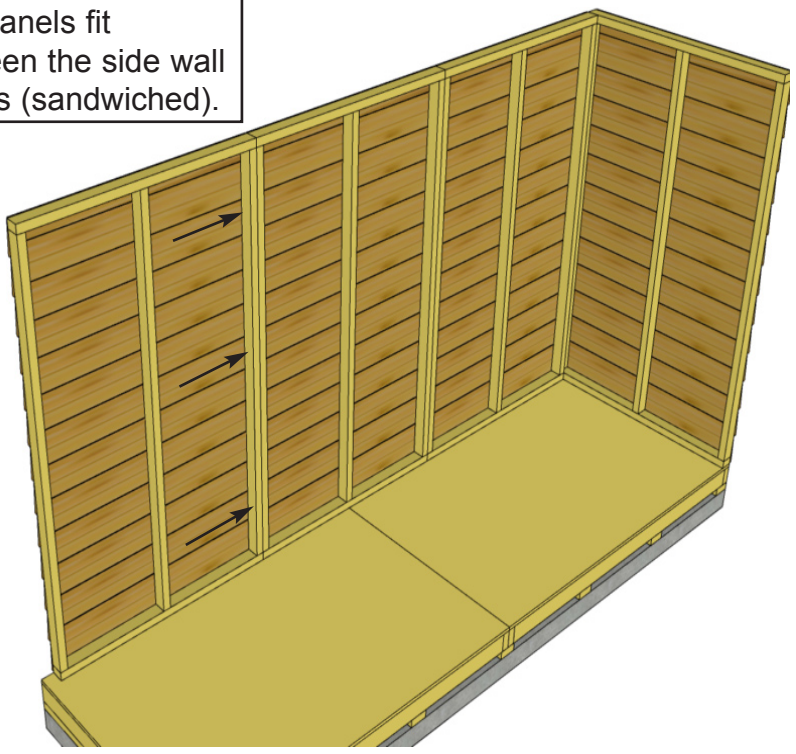


B4. Position rear solid wall into place on plywood floor. Butt both vertical wall studs of side and rear walls together and attach with **3 - 2 1/2" Screws**. Screw at the bottom, middle and top of stud to secure properly. **Note: Drill pilot holes in studs to prevent splitting**.

Hardware (Steps B4 - B6)
2 1/2" Screws
x 12 total

Be sure that the rear wall panels fit between the side wall panels (sandwiched).

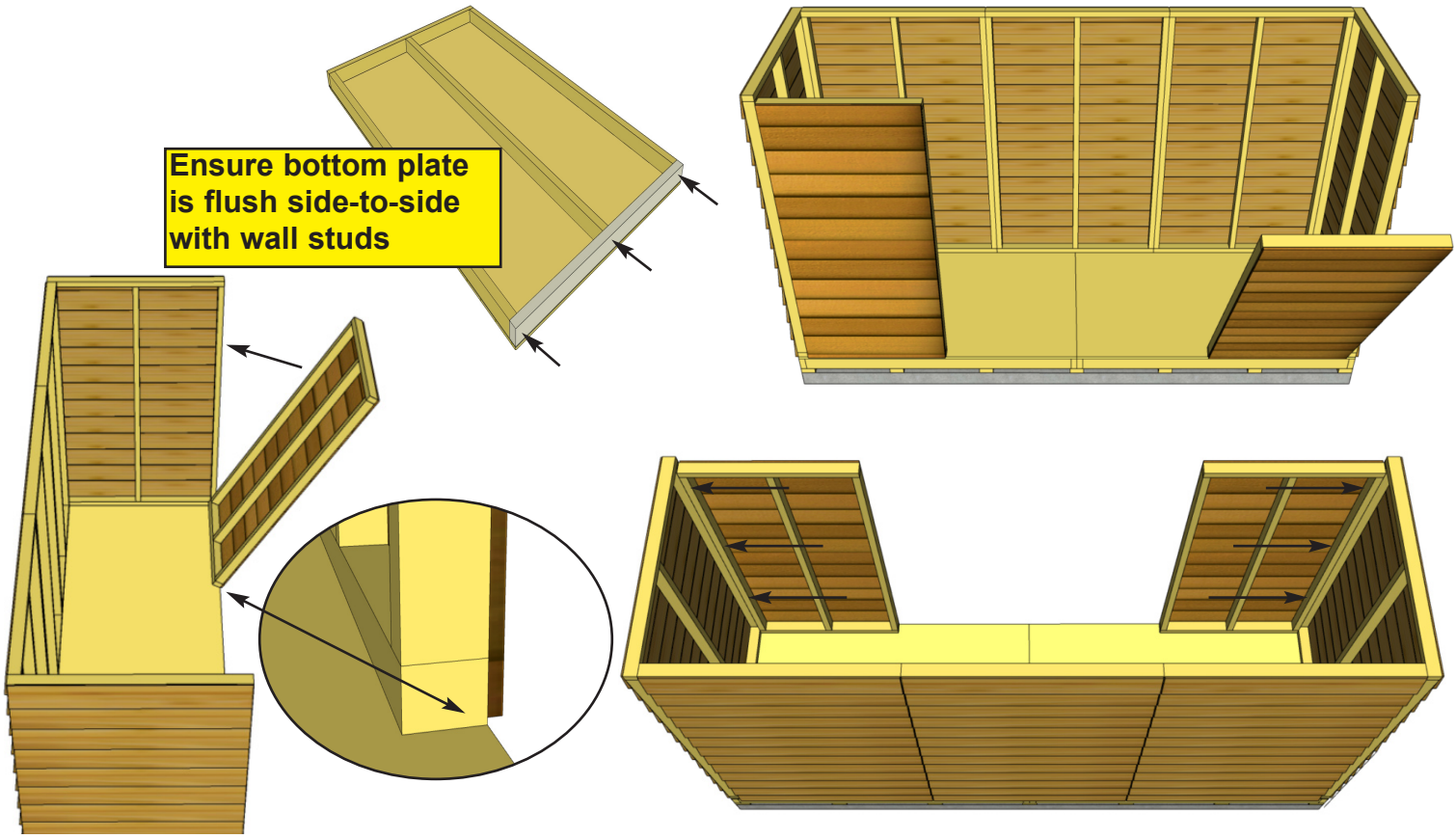




B5. With the corner wall attachment complete, position a second rear wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor joists. Wall siding should overhang floor by approximately 3/4". When positioned correctly, attach both side wall panel studs together as per **Step B4**.

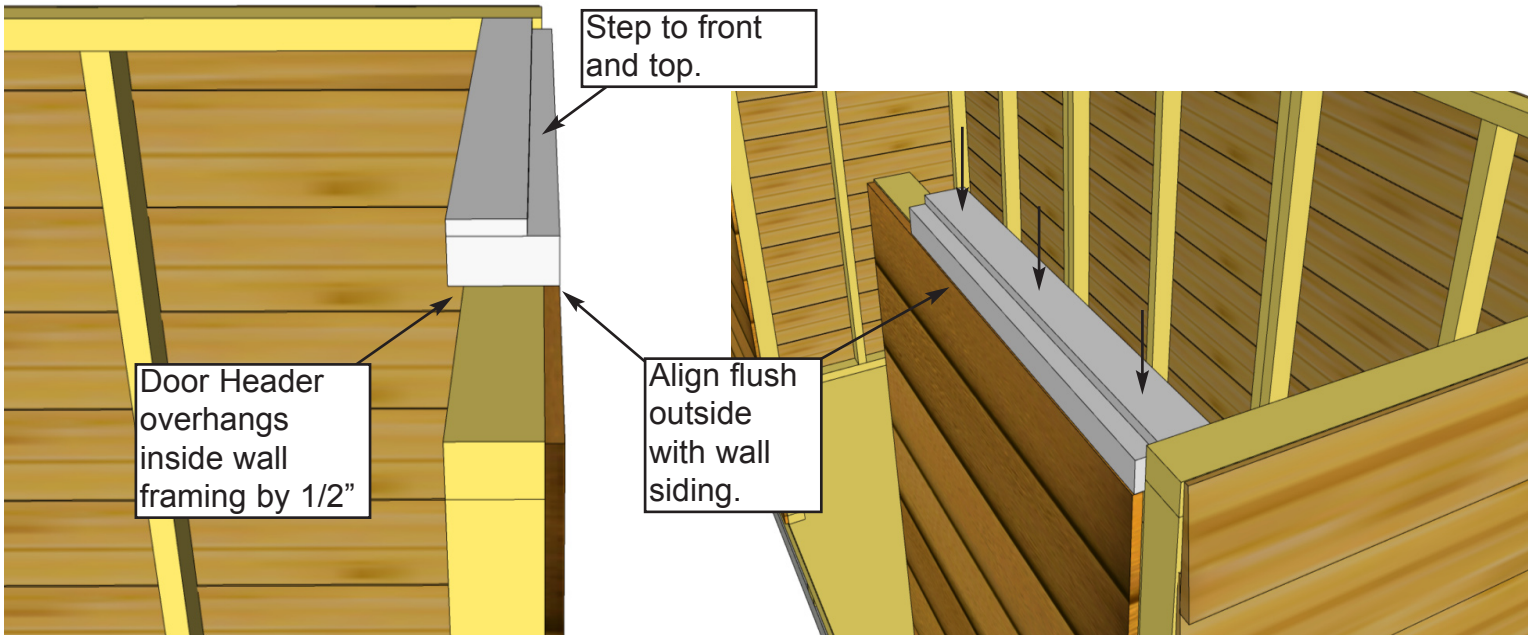


B5. Complete remaining side wall attachment as per **Steps B3 - B4.**



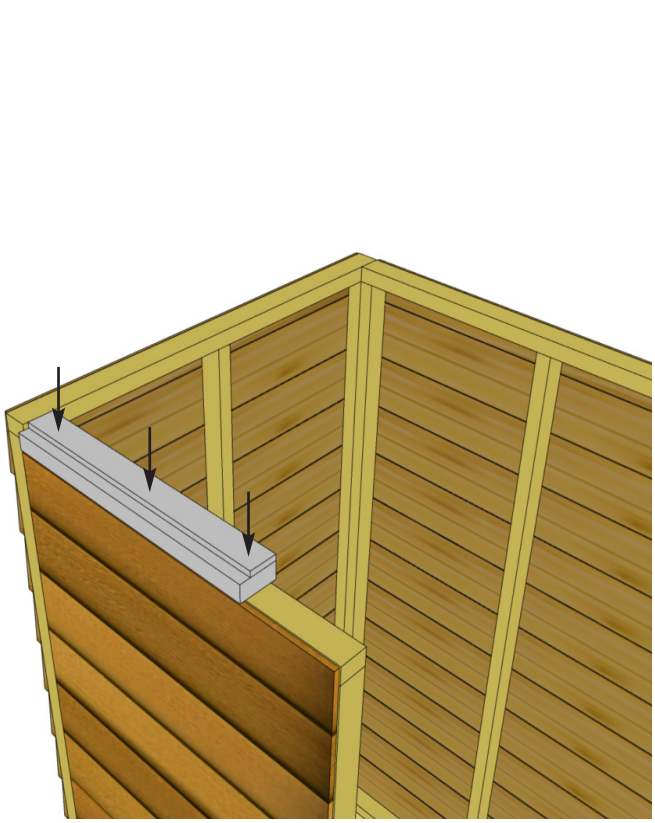
B6. Carefully lay **Front Wall Panels** face down. Position and attach **Bottom Wall Plates** to bottom of wall studs of each wall panel with **3 - 2 1/2" Screws** as per **Step B1**. Complete other remaining Front Wall. Place Front Walls so wall framing is flush with floor frame and siding overhangs. Attach with **3 - 2 1/2" Screws** per panel as per **Steps B3 - B5.**

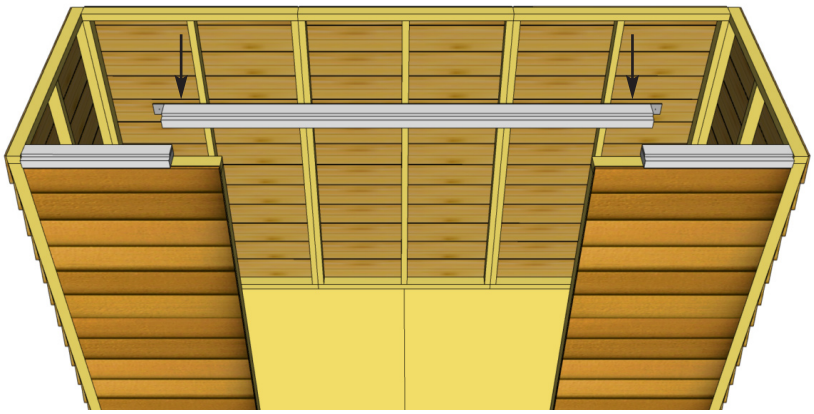
Parts
Front Wall Panels (35" wide x 73" high) **x 2**
Bottom Wall Plates (1 5/8" x 2 1/2" x 35") **x 2**
Hardware
2 1/2" Screws x 12 total

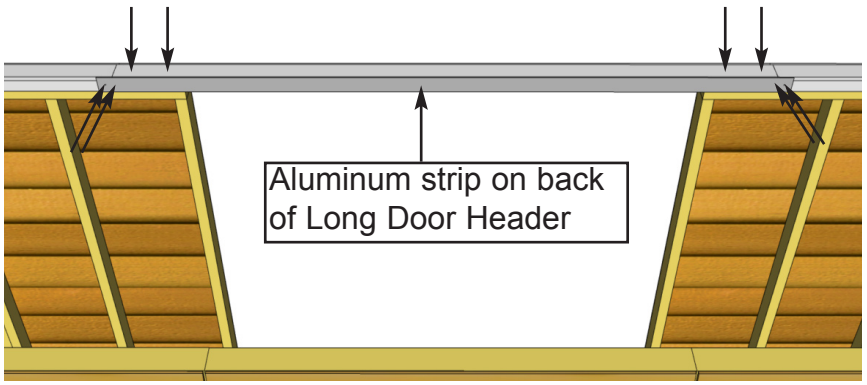


B7. Position **Door Header - Short** on top of wall stud so it is flush on the outside with the wall siding. Attach by screwing down into top wall framing with **3 - 3” Screws**.

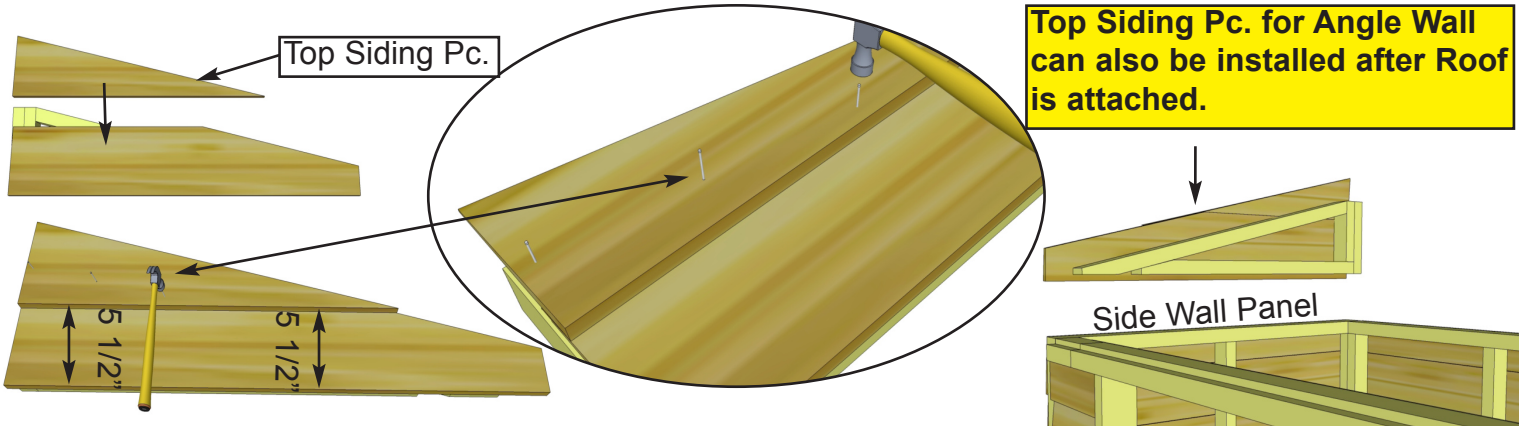
Parts (Step B7 - B8)	Hardware (Step B7 - B8)
Door Headers - Short (2” x 3 1/2” x 26 1/4”) **x 2**	**3” Screws** x 10 total
Door Header - Long (2” x 3 1/2” x 84”) **x 1**	**1 1/4” Screws** x 4 total







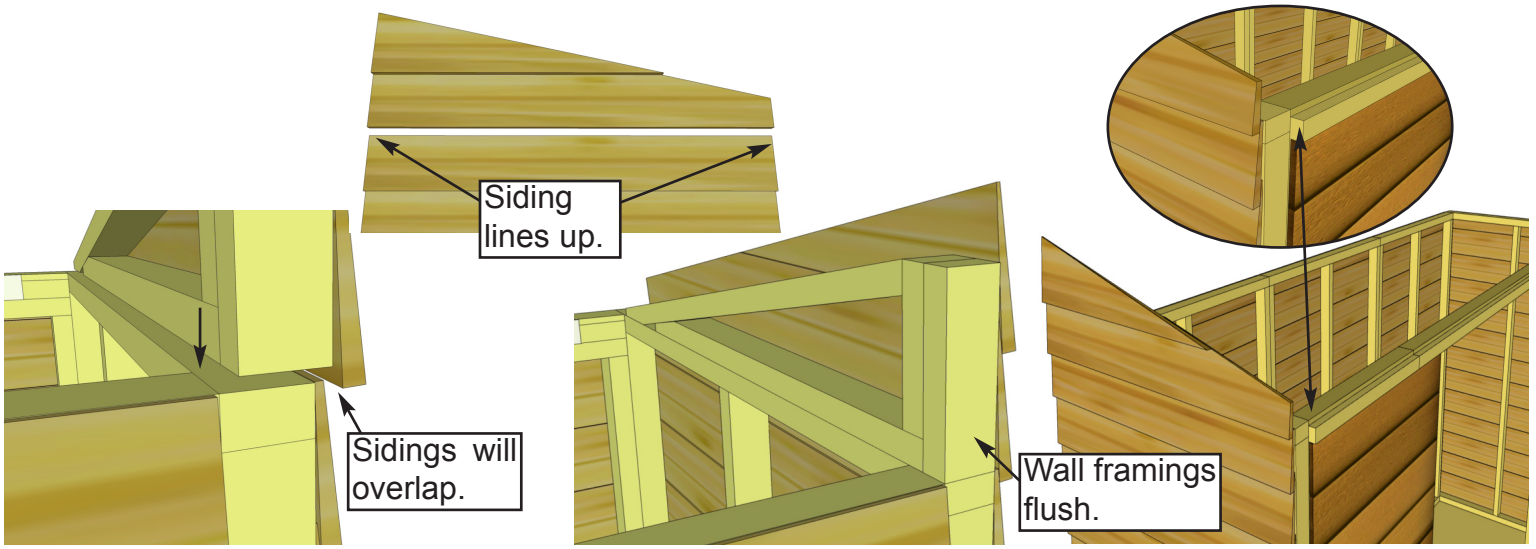
B8. Attach **2D - Door Header - Short** to other side. Position and attach **Door Header - Long** between short door headers. The Long Door Header has an aluminum strip attached to the back for added support. Attach by screwing down into wall framing with **2 - 3” Screws** per side. Fasten aluminum strip to short headers with **2 - 1 1/4” Screws** per side.



B9. Position **Top Triangular Siding Piece** onto **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
Angle Wall Extenders - L/R (45 1/2" wide) **x 2**
Top Triangular Siding Piece (Left/Right) **x 2**

Hardware
1 1/2" Finishing Nails x 6 total

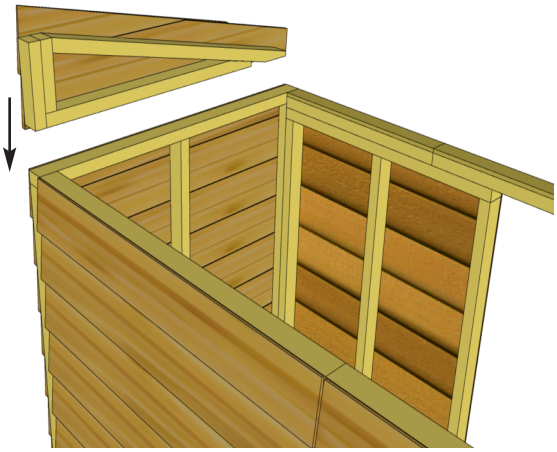


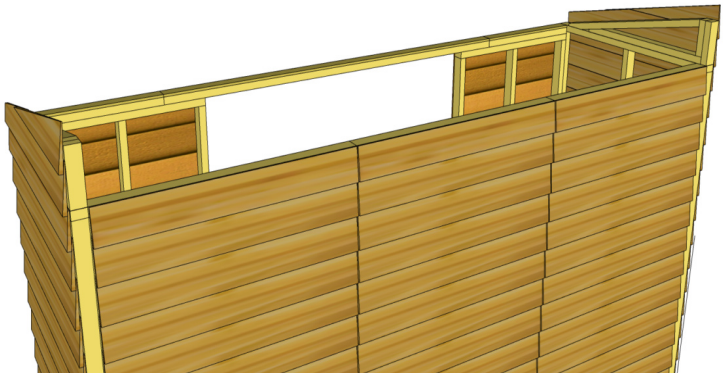
B10. Align wall framing of Angled Wall Extender and Side Wall so they are flush at the back. The siding for both walls should also align evenly from front to back.



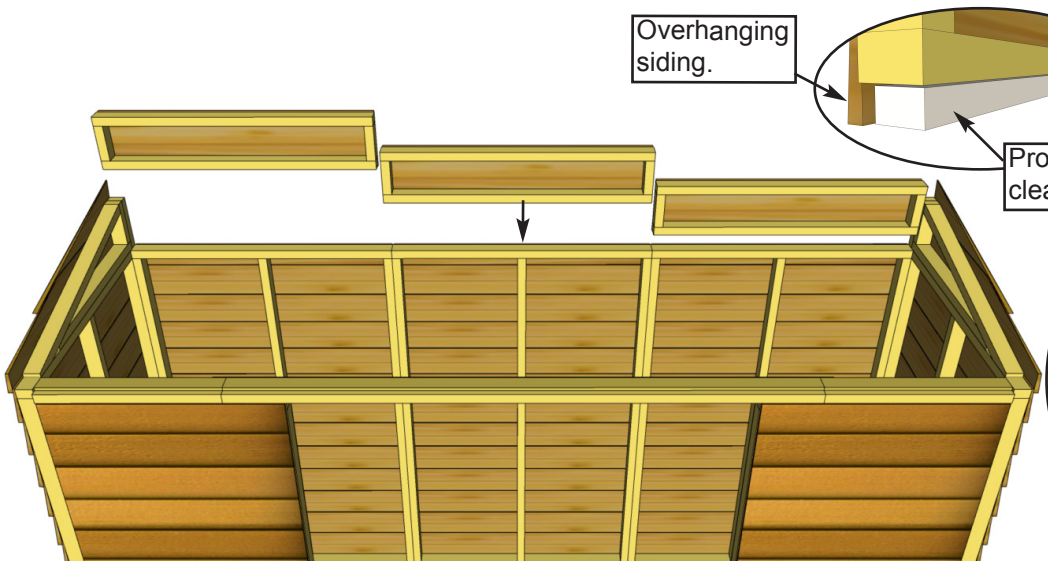
B11. With Angled Wall Extender and Side Wall aligned correctly, secure together from the inside with **4 - 2 1/2" Screws**.

Hardware (Steps B11 - B12)
2 1/2" Screws x 8 total

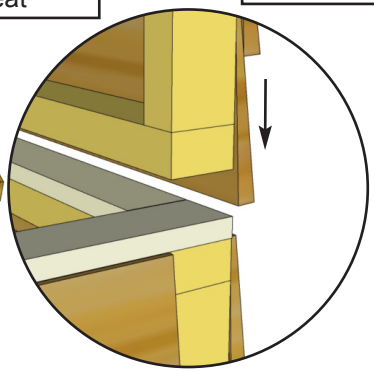




B12. Complete opposite Angled Wall Extender positioning and attachment as per **Step B11.**

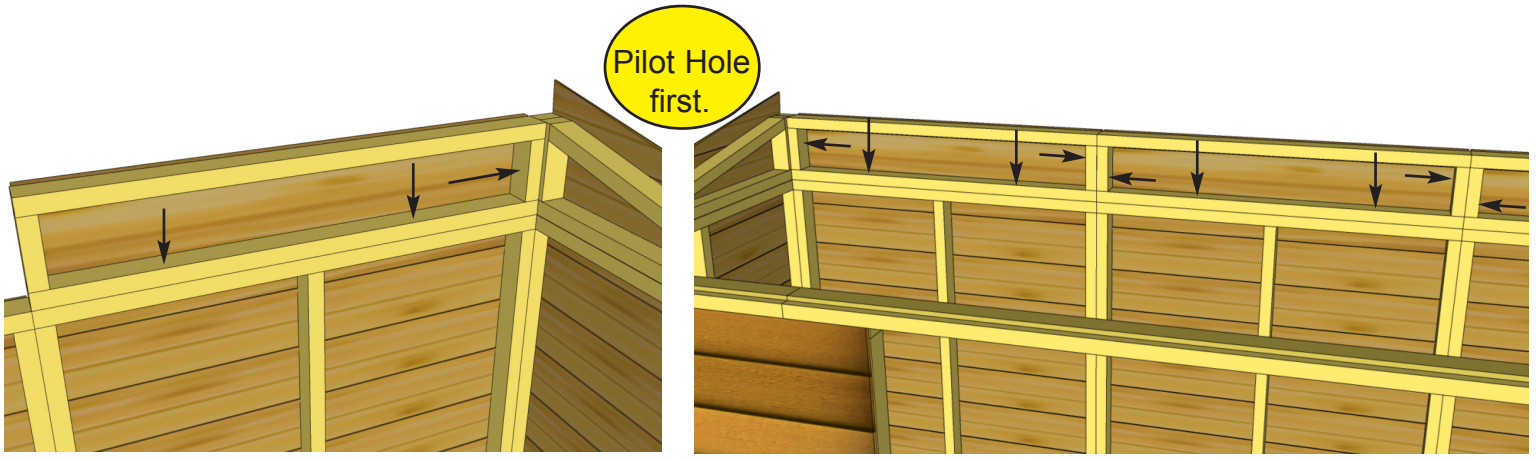


Cleat protects overhanging siding on upper walls from damage. Please remove before installing.

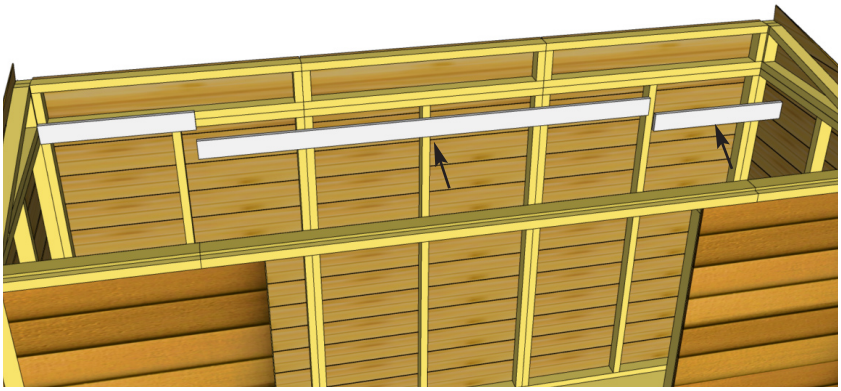


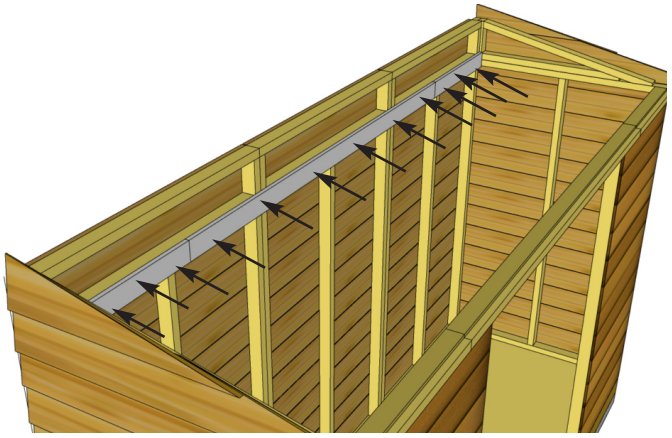
B13. Place **Rear Extender Walls** top framing of rear wall with bottom siding overlapping that of the rear wall.

Parts (Steps B13 - B14)	Hardware (Steps B13 - B14)
Rear Extender Walls (2H - 45 1/2" wide) **x 3**	**2 1/2" Screws** x 12 total



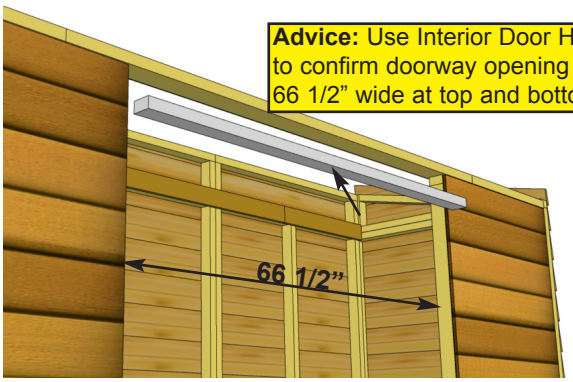
B14. With 2x3 wall framing aligned, attach extender walls to rear wall top plate with **4 - 2 1/2" Screws** per wall.

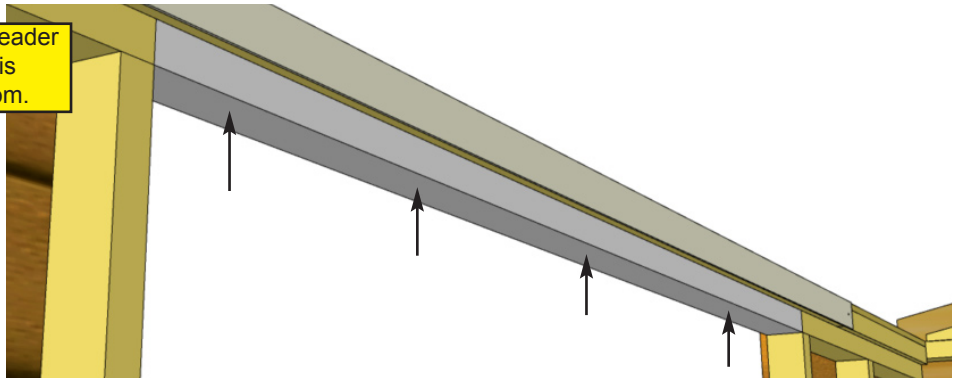




B15. Attach **Horizontal Wall Cleats** to Wall Extender bottom framing and Rear Wall top framing so that cleat is flush with extender framing. There are two short cleats and one long cleat. Alternate alignment of screws, so half screw into Wall Extender Framing and half into Rear Wall Top Framing. Use **3 - 1 1/4" Screws** per short cleat and **6 - 1 1/4" Screws** on the long cleat.

Parts
Horizontal Wall Cleat - Long (3/4" x 3 1/2" x 84") **x 1**
Horizontal Wall Cleats - Short (3/4" x 3 1/2" x 26 1/4") **x 2**
Hardware
1 1/4" Screws x 12 total



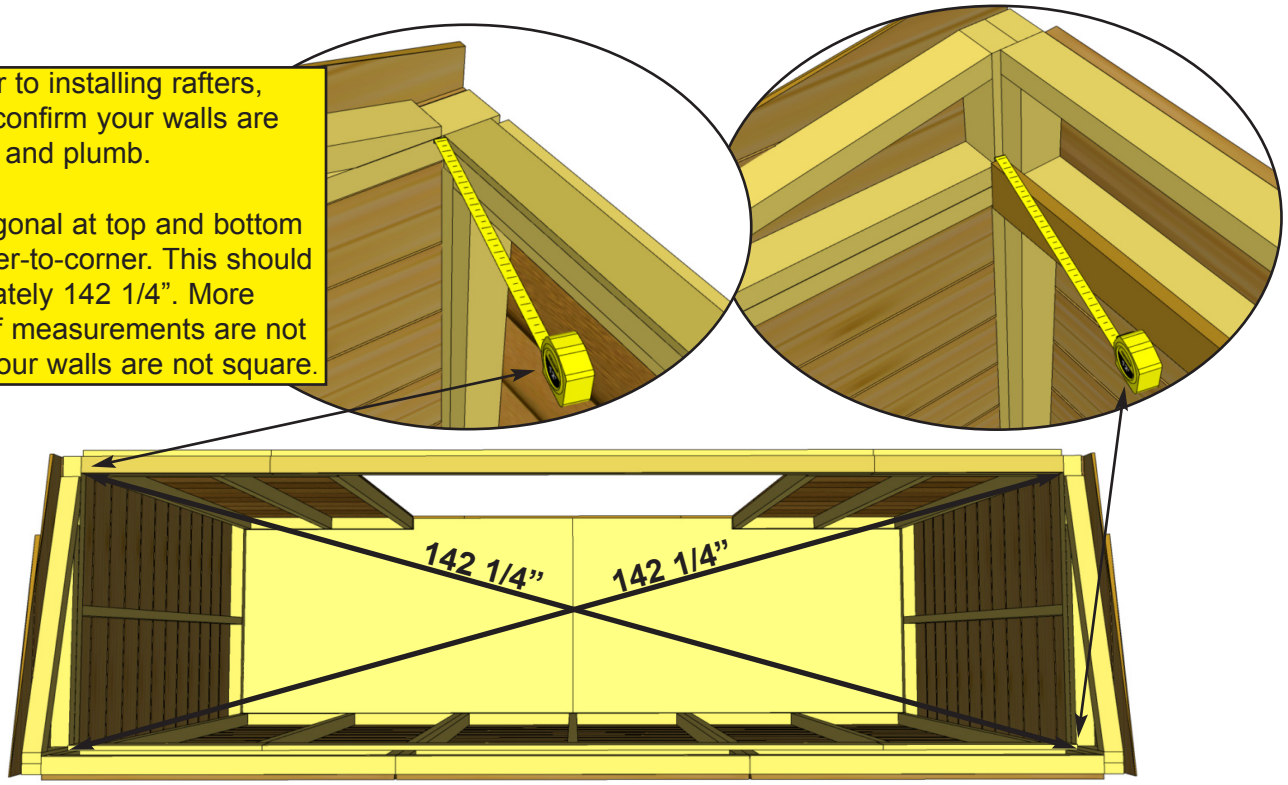


B16. Attach **Interior Door Header** as shown above. Align with top framing of front walls. Attach with **4 - 2 1/2" Screws.** To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with **2 - 2 1/2" Screws** per wall section. Prior to securing, make sure wall panels are aligned correctly on the floor. Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.

Parts
Interior Door Header (1 1/2" x 3" x 66 1/2") **x 1**
Hardware
2 1/2" Screws x 32 total

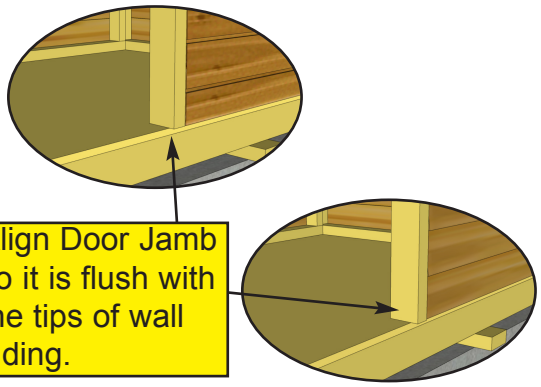
Advice: Prior to installing rafters, take time to confirm your walls are level, square and plumb.

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.



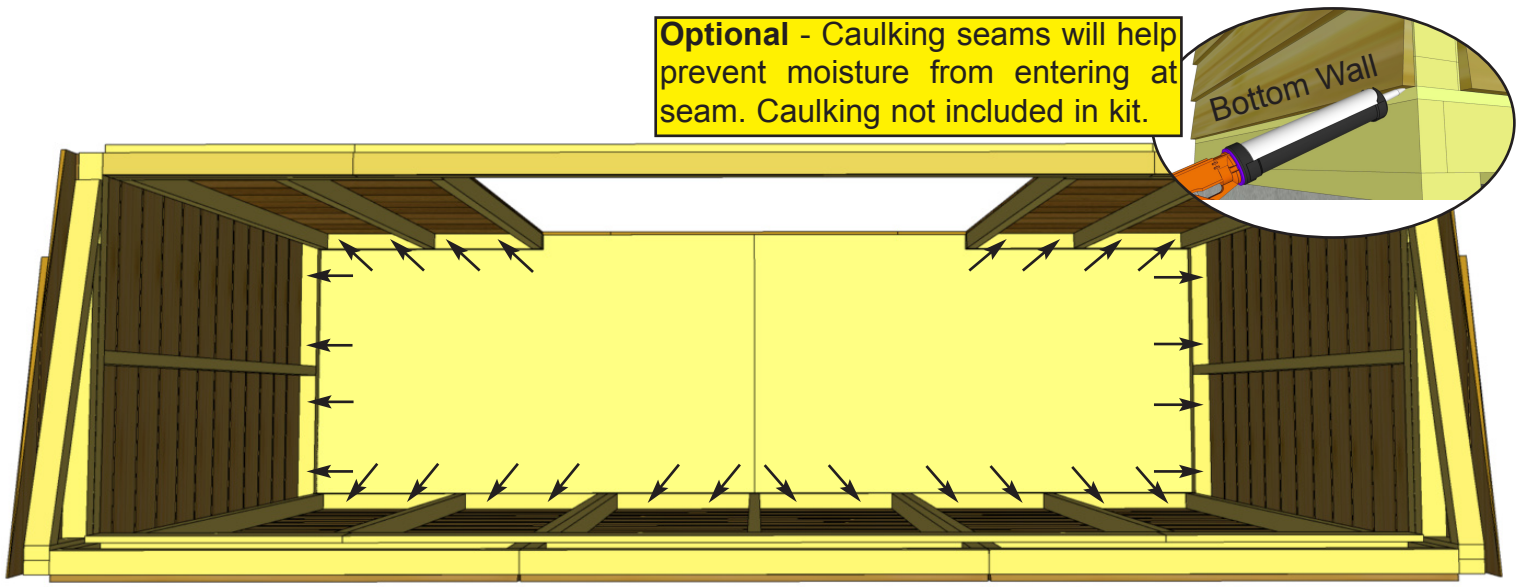






Align Door Jamb so it is flush with the tips of wall siding.

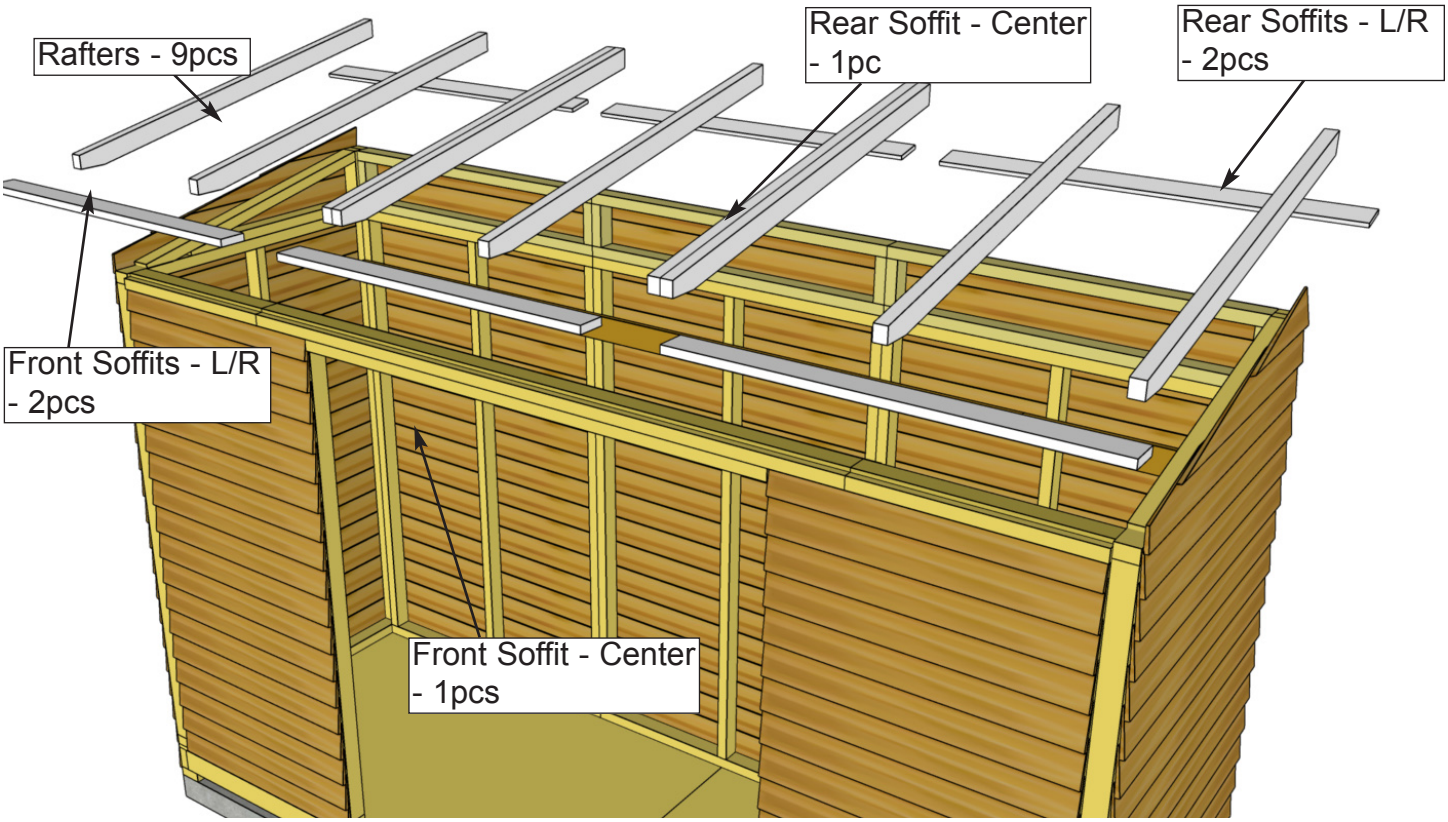
B17. Attach **Door Jambs** to **Front Walls** underneath **Interior Door Header.** Fasten **Door Jambs** to **Front Walls** with **3 - 2 1/2" Screws** per piece.	Parts **Door Jambs** (1 1/2" x 3 1/2" x 71 1/2") **x 2**	Hardware **2 1/2" Screws** x 6 total



B18. 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 B3.** Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.	Hardware **2 1/2" Screws** x 28 total

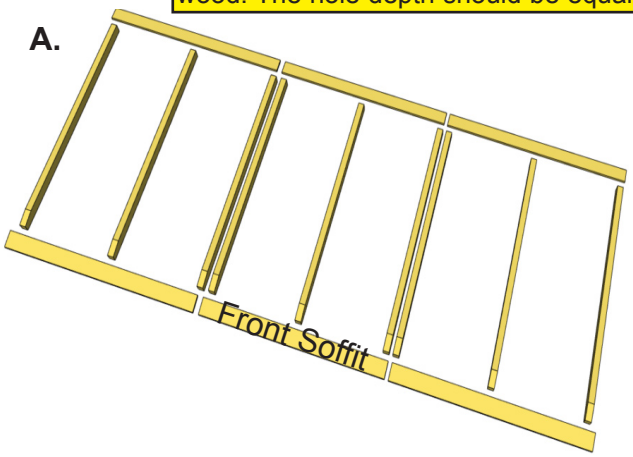
C. Rafter Section

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



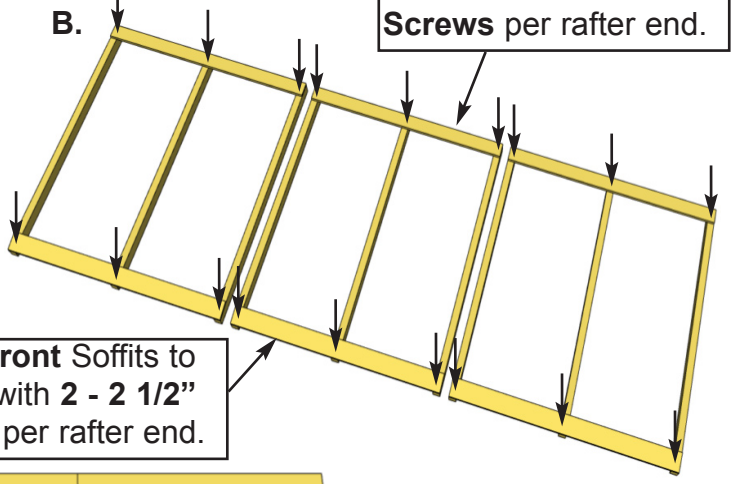
Note: We recommend you drill a 1/8" pilot hole for each screw, to avoid splitting wood. The hole depth should be equal to 3/4 the length of screw.

A.



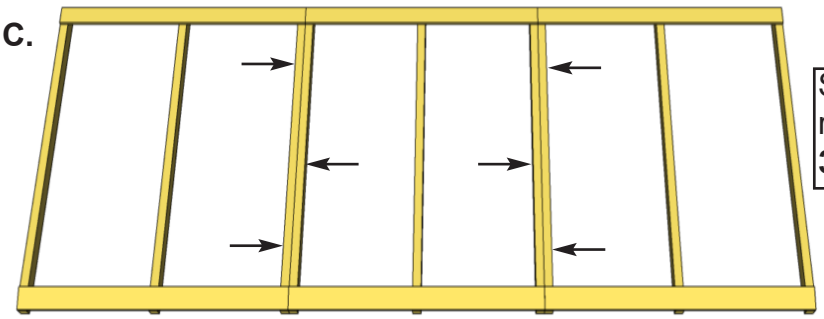
B.

Screw **Rear** Soffits to Rafters with **2 - 1 1/4" Screws** per rafter end.

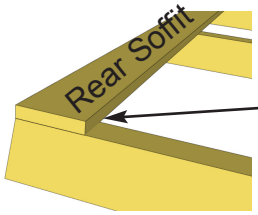


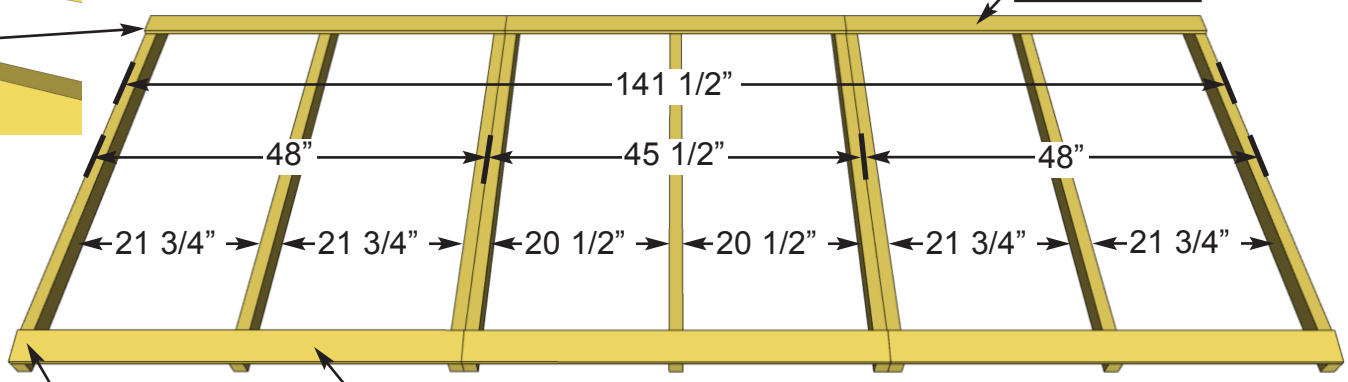
Screw **Front** Soffits to Rafters with **2 - 2 1/2" Screws** per rafter end.

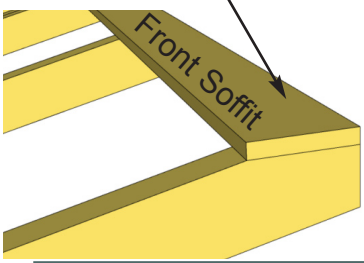
C.

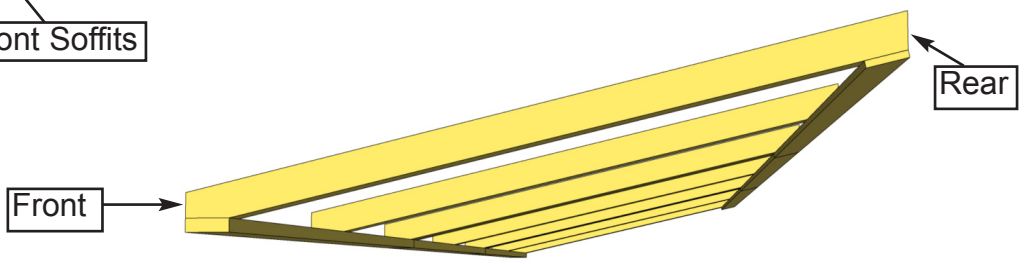


Screw double rafters together with **3 - 2 1/2" Screws**.



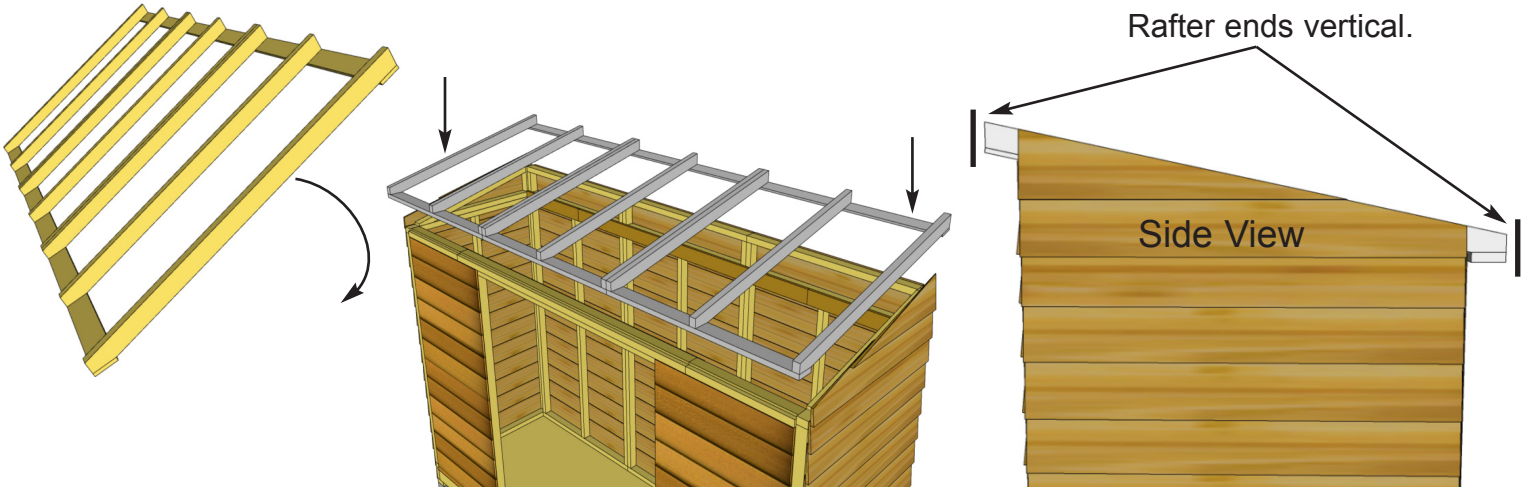




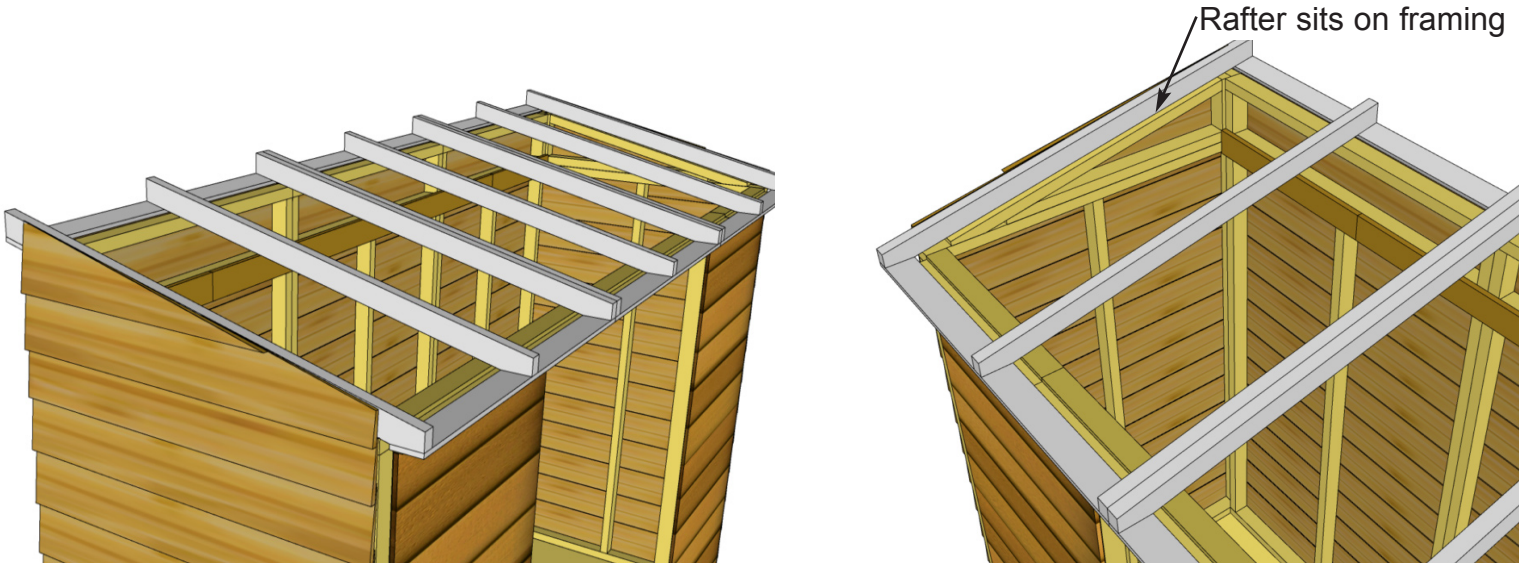


C1. Locate **Rafters**, **Front Soffits** and **Rear Soffits**. Lay out on level ground and assemble as shown above in Illustrations **A** through **C** below. Attach Soffit Boards flush to end of outside rafters. Attach Front Soffits with **2 - 2 1/2" Screws** per rafter end. Attach Rear Soffits with **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.

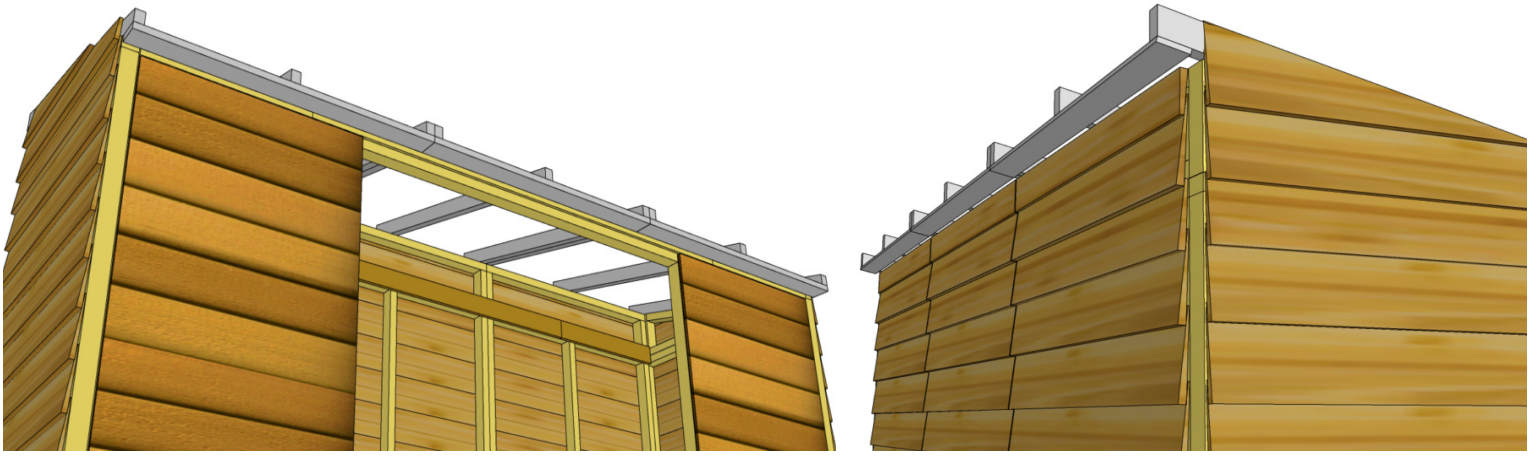
Parts	Hardware
Rafters (1 1/2" x 2 1/2" x 54") **x 9** **Front Soffits - Sides** (1" x 3 1/2" x 48") **x 2** **Front Soffit - Center** (1" x 3 1/2" x 45 1/2") **x 1** **Rear Soffits - Sides** (1/2" x 3 1/2" x 48") **x 2** **Rear Soffit - Center** (1/2" x 3 1/2" x 45 1/2") **x 1**	**2 1/2" Screws** x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



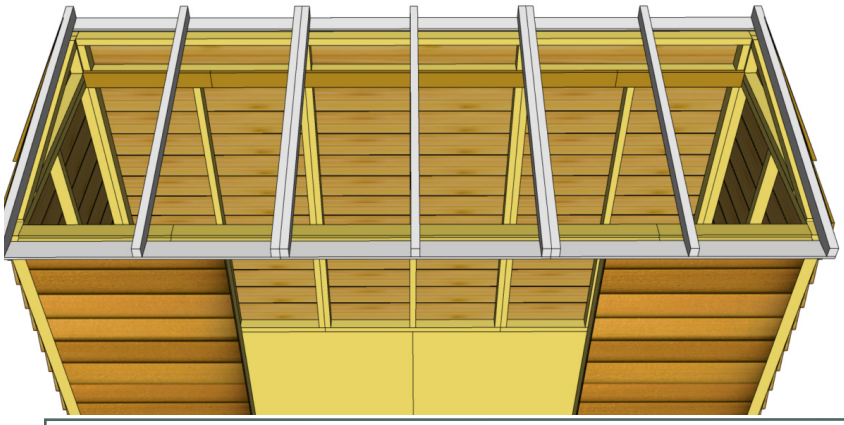
C2. Carefully flip completed Rafter Section over so Front Soffit is facing the front and place on Space Saver walls. **Note:** Double check that your Rafter Section is positioned correctly by ensuring the ends of the Rafters are sloped vertically as shown above.

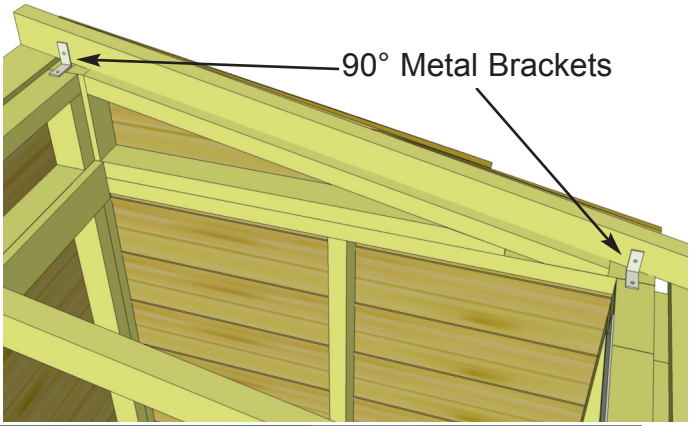


C3. Position completed Rafter Section on top of walls. Outside Rafters will sit on Extension Wall framing and be positioned equally from side to side.



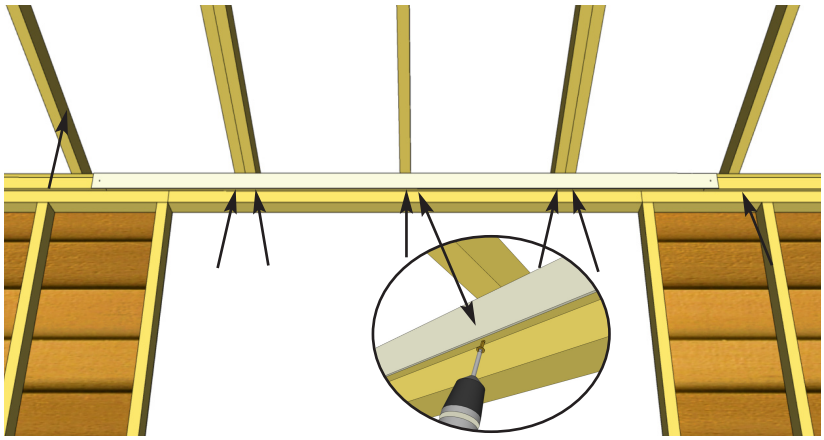
C4. When Rafter Section is positioned correctly, both Front and Rear Soffits will sit approximately 1/8" away from wall siding. This can vary slightly.

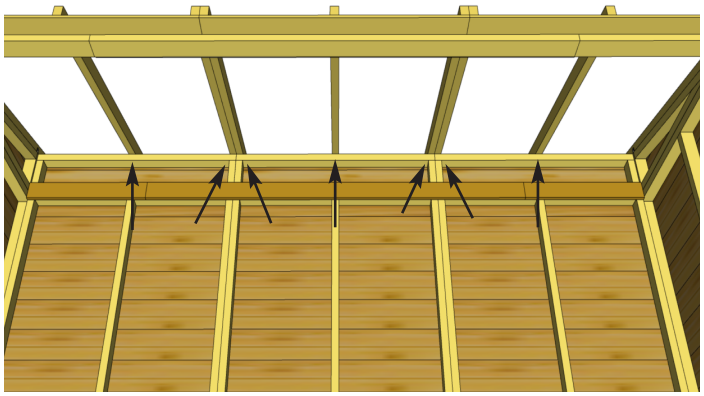




C5. With Rafter Section correctly aligned, secure rafters to walls using **2 - 90° Metal Brackets** per side. Attach each brackets with **4 - 1 1/4" Screws**. Screw into Wall Extension Framing at the rear and Wall Panel top framing at the front. Complete both sides.

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



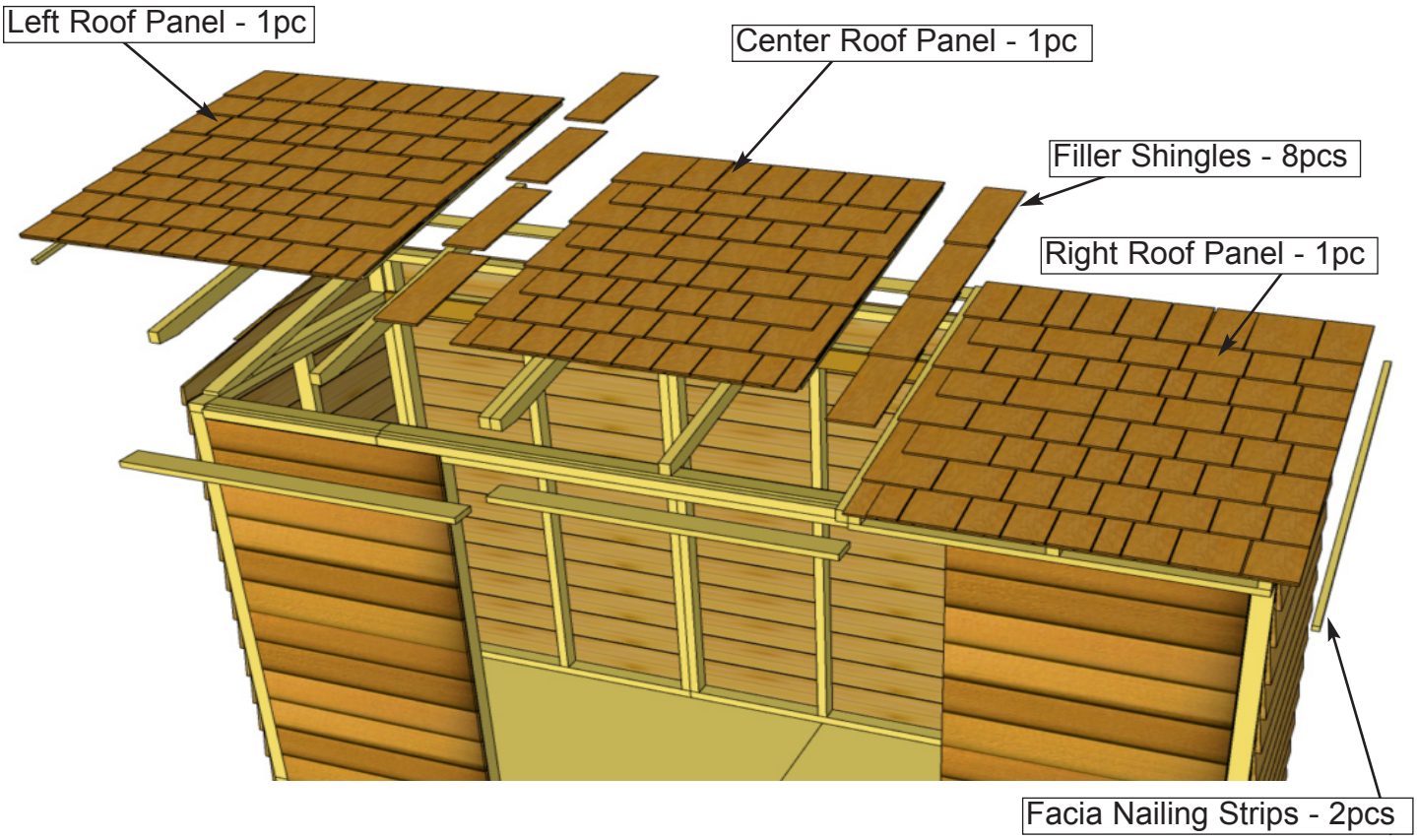


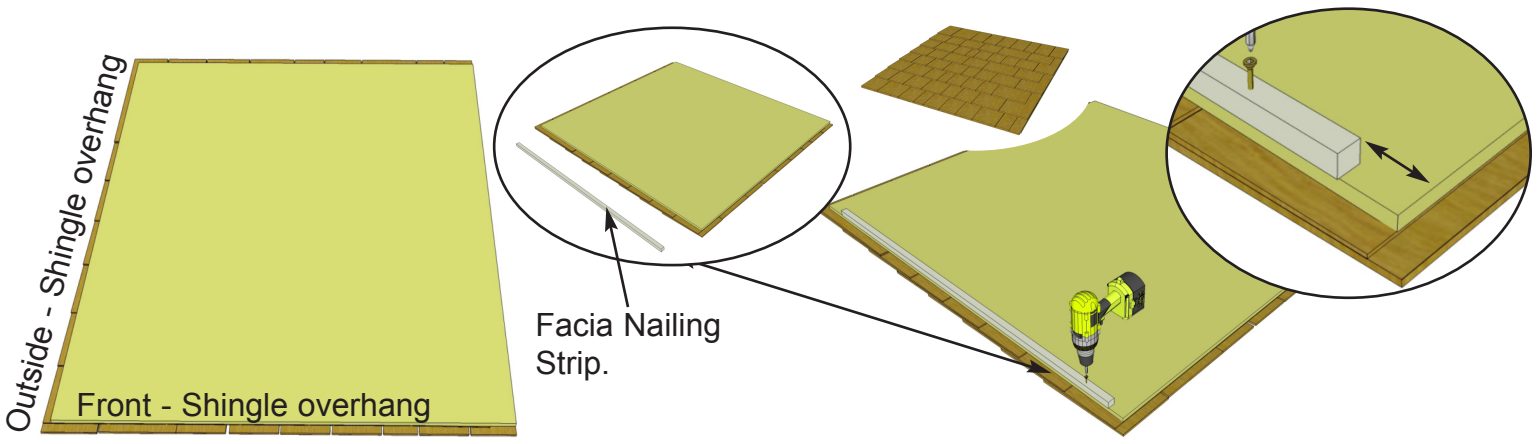
C6. With outside rafters properly secured, attach remaining interior rafters using **1 - 3" Screw** per rafter end. Screw into rafters from inside of Header on an angle at front of shed, and from inside of Extender Wall Framing at rear of shed.

Hardware
3" Screws
x 14 total

D. Roof Section - Cedar

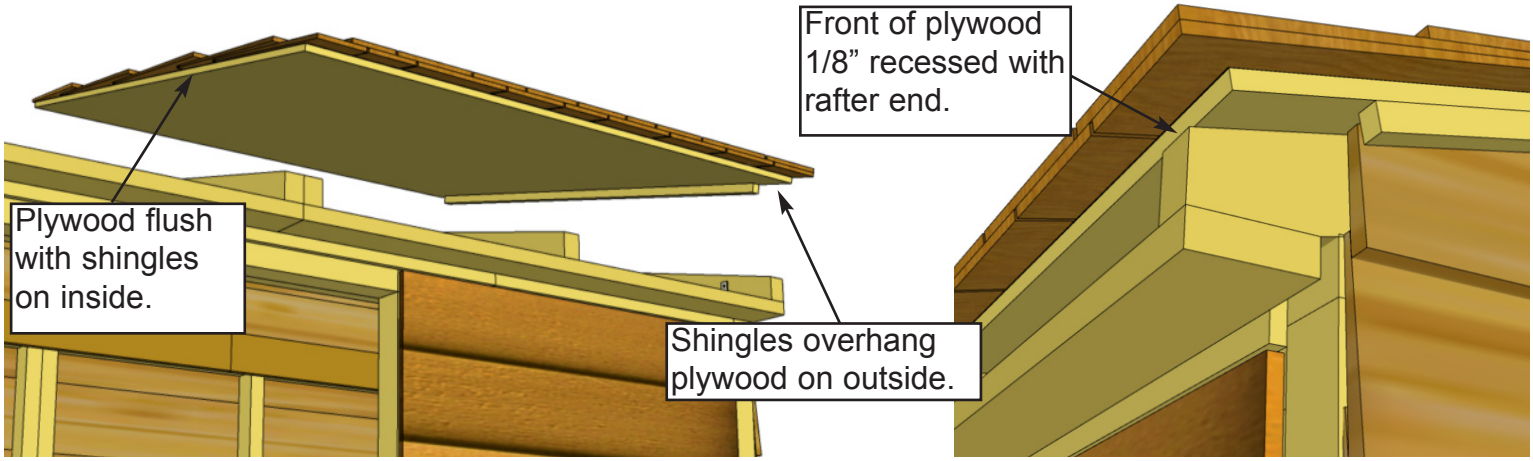
Exploded view of all parts necessary to complete the Cedar Roof Section. Identify all parts prior to starting.





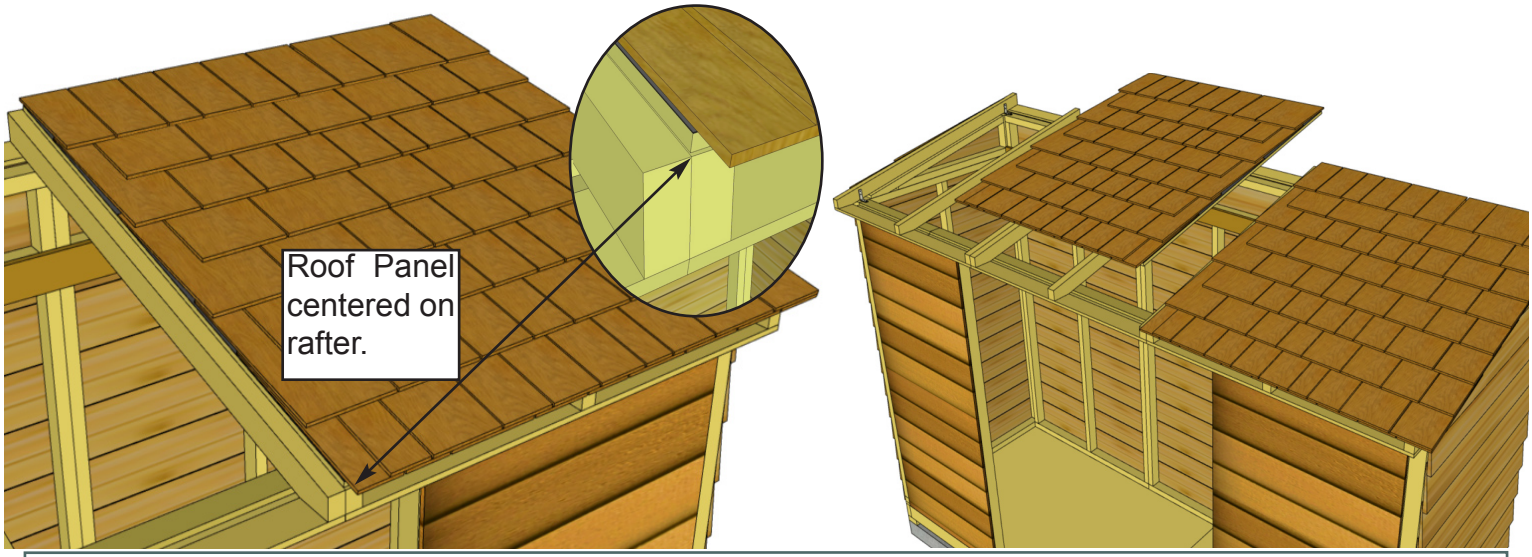
D1. Carefully flip Roof Panels over so plywood sheathing is facing up. Center **Facia Nailing Strips** onto outside of each panel flush with plywood. Attach with **4 - 1 1/4" Screws** evenly spaced. The Facia Nailing Strip provides for a greater nailing surface later when you attach side facia.

Parts
Facia Nailing Strips (3/4" x 3/4" x 51") **x 2**
Hardware
1 1/4" Screws x 8 total

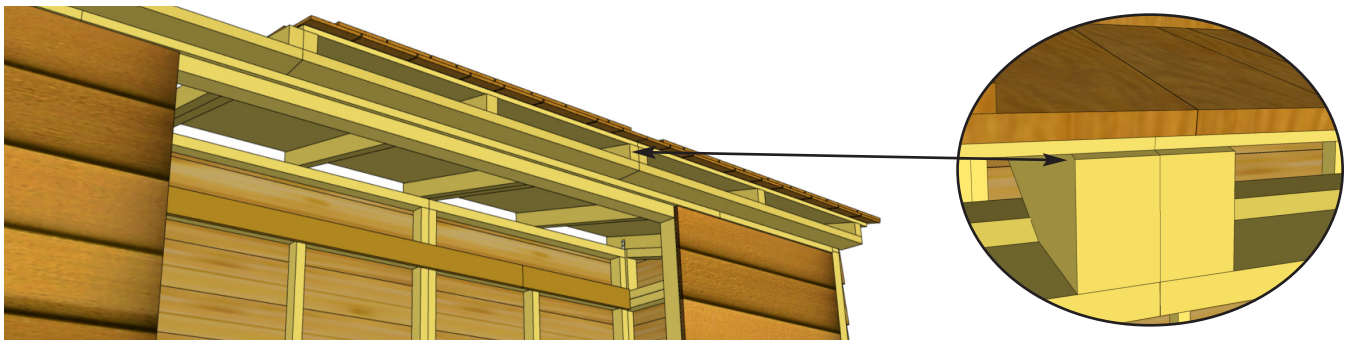


D2. Correctly orientate **Side Roof Panel**, with shingles overhanging plywood on the side of the shed and flush with plywood toward the center of the shed. Place on rafters with front of plywood just about flush with rafter ends but just slightly recessed. Doing so allows front facia to sit better.

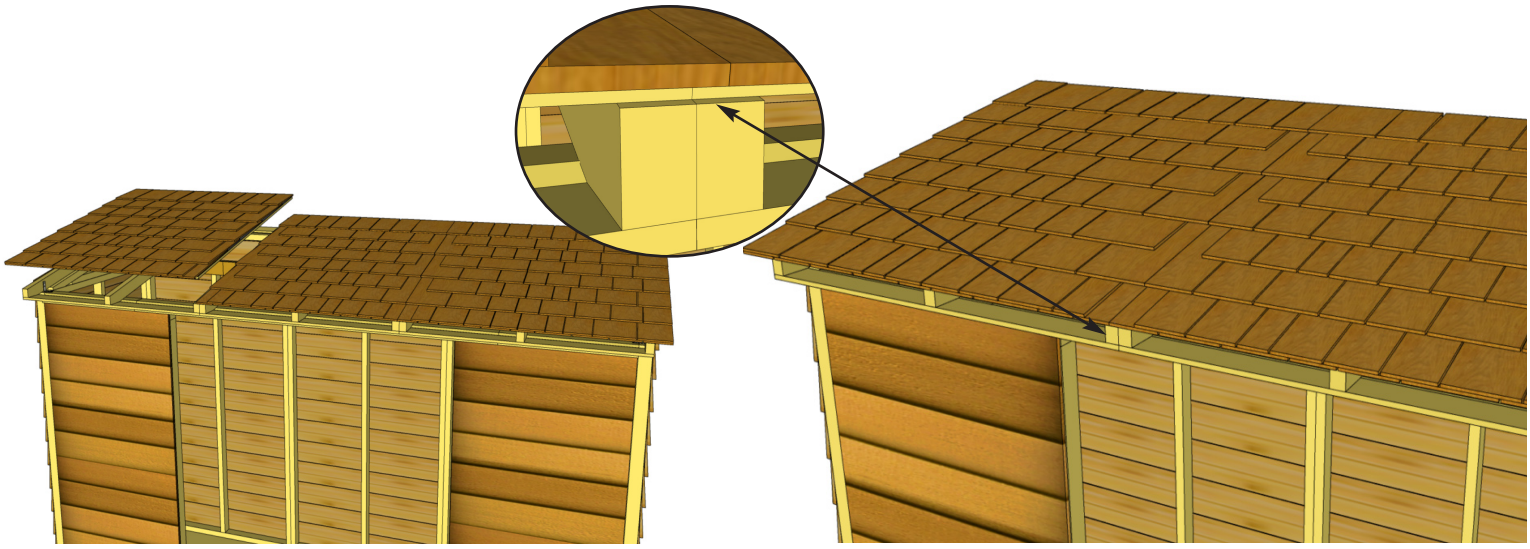
Parts (Steps D2 - D3)
Left/Right Roof Panels
(51” x 56”) **x 2**
Center Roof Panel
(45 1/2” x 56”) **x 1**



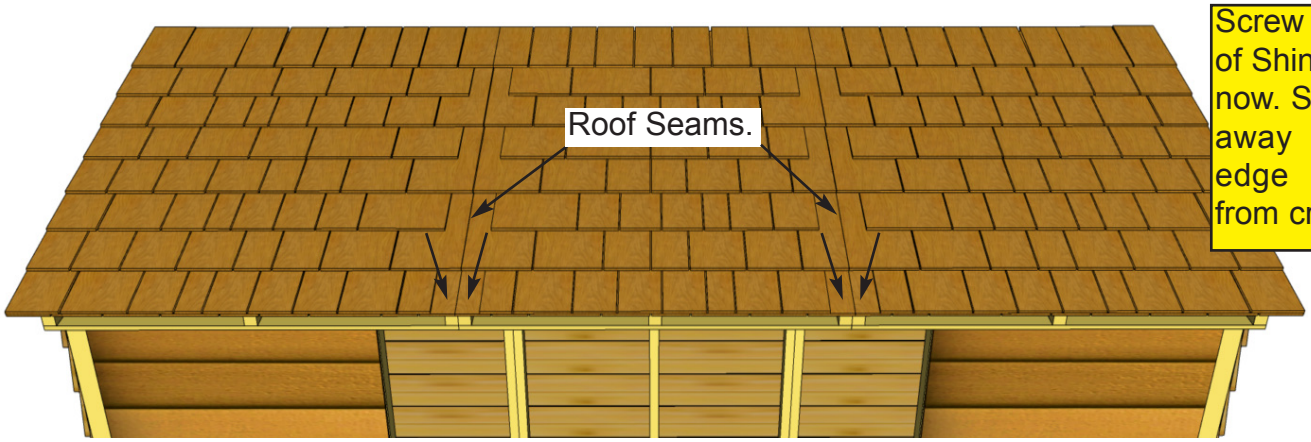
D3. For correct Roof Panel position, align panel so sheathing sits evenly on Center Rafters. Next, position **Center Roof Panel** onto center rafters.



D4. 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.



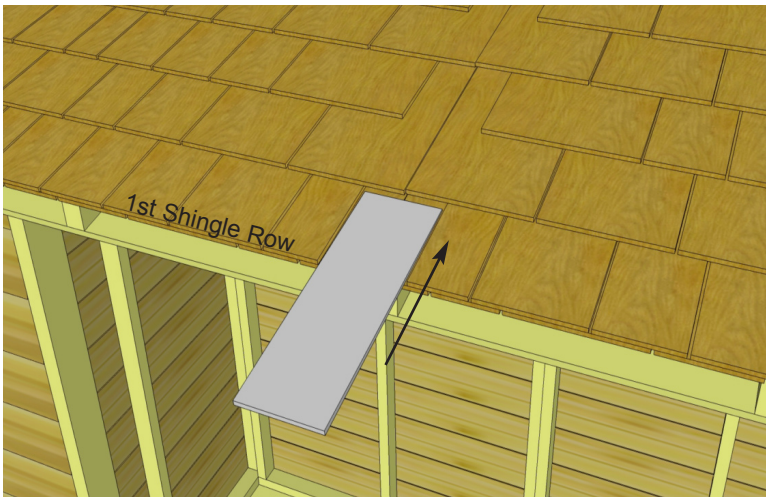
D5. Position other side roof panel onto rafters as per **Steps D2 - D4**.

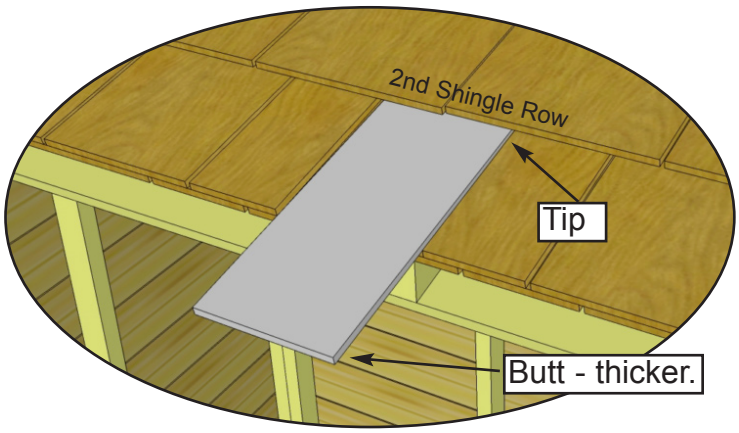


Screw Bottom Row of Shingles ONLY for now. Screw on angle away from shingle edge to prevent it from cracking.

D6. 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).**

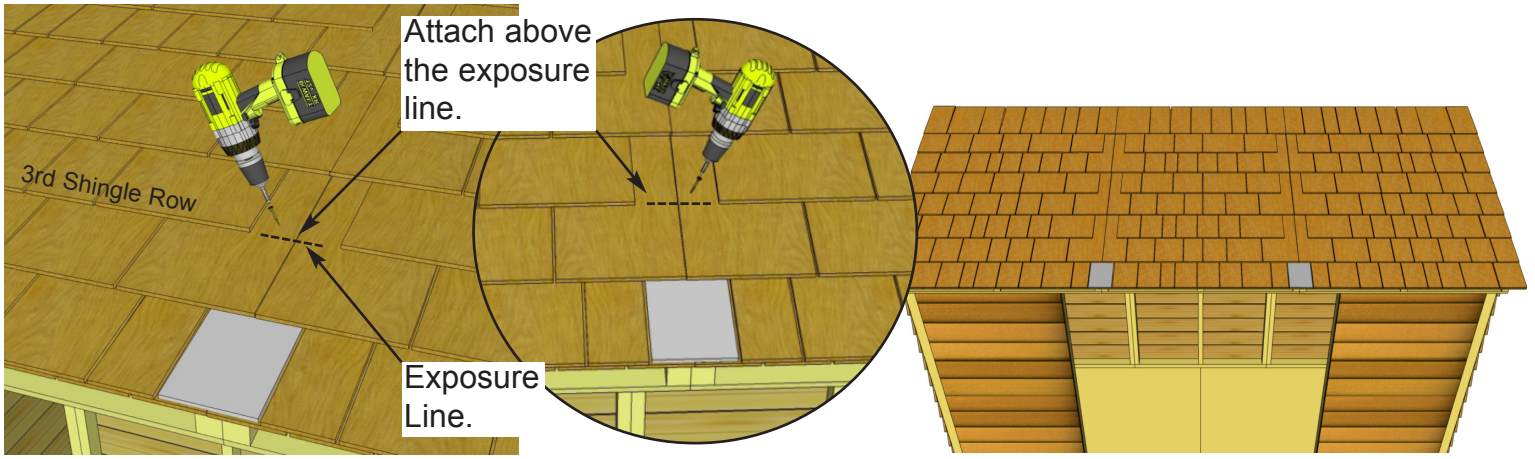
Hardware
2 1/2" Screws
x 4 total





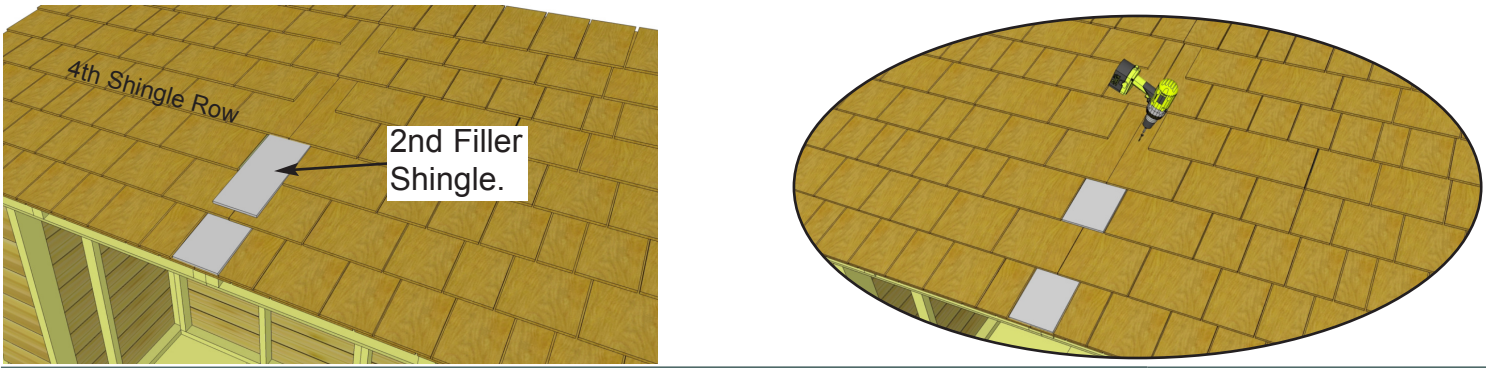
D7. To cover roof seams, slide a **Filler Shingle** up and underneath second shingle row. Push or bang filler carefully with a hammer until evenly spaced and butt is even with other 1st row of shingles. Do first filler shingle on both seams.

Parts (Steps D7 - D10)
3I - Filler Shingles
(16" - 18" Long) **x 8**



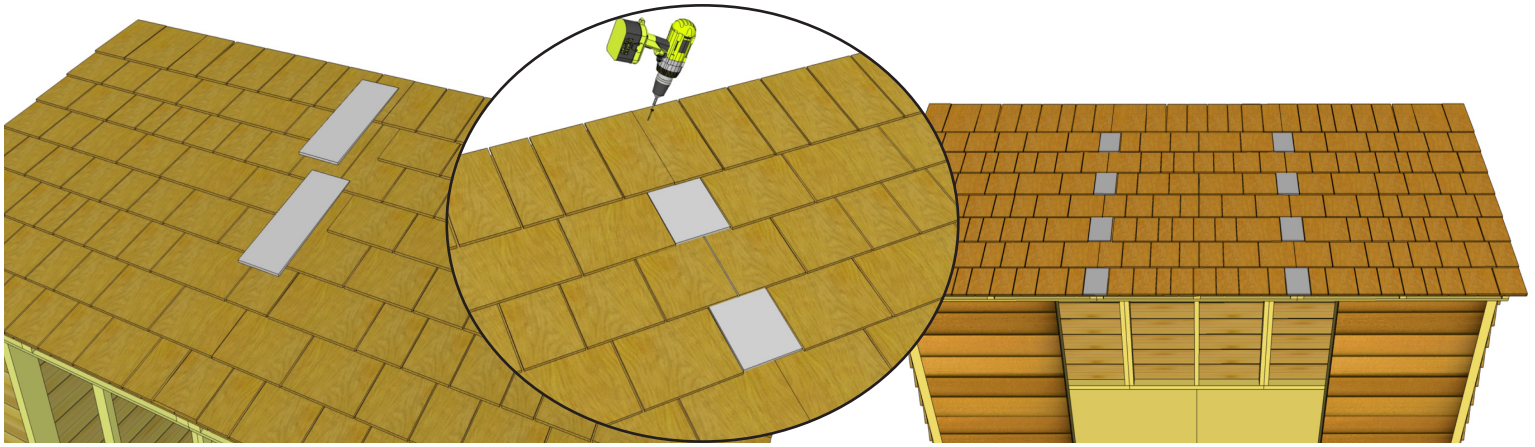
D8. Screw first filler shingle down to rafters using **1 - 2 1/2" Screw** per panel (2 in total). Screw on slight angle and make sure to screw into rafter. Screw slightly above 3rd row of shingles (exposure line). This way, the screw will get covered up when you install your 2nd Filler Shingle and will prevent leaking. Do both roof seams the same.

Hardware
2 1/2" Screws
x 4 total



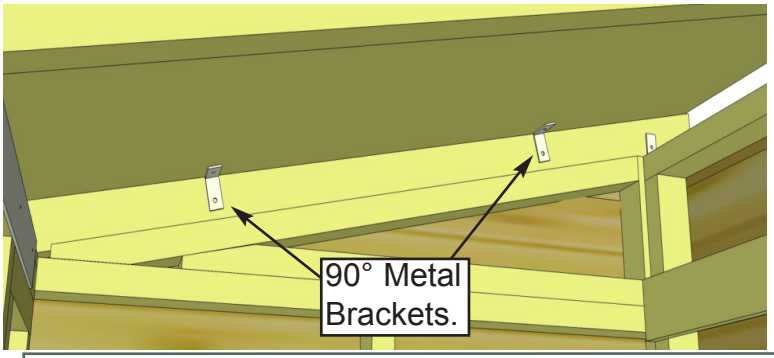
D9. Slide 2nd **Filler Shingle** up and underneath fourth shingle row. Follow **Steps D7 - D8** to align and attach. Repeat for other roof seam.

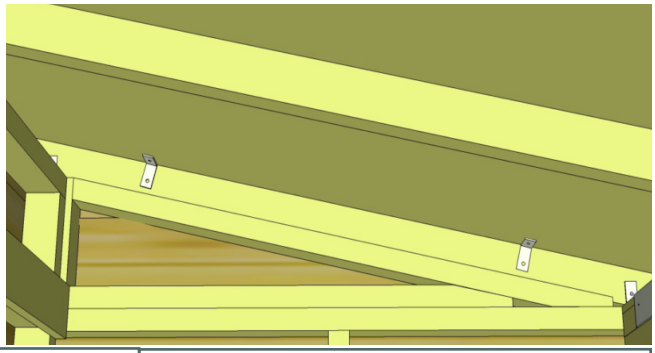
Hardware
2 1/2" Screws
x 4 total



D10. Slide 3rd and 4th **Filler Shingles** up and underneath appropriate shingle rows and follow **Steps D7 - D9** to align and attach. On last filler, screws will get covered by Roof Ridge Board (4 1/2" wide).

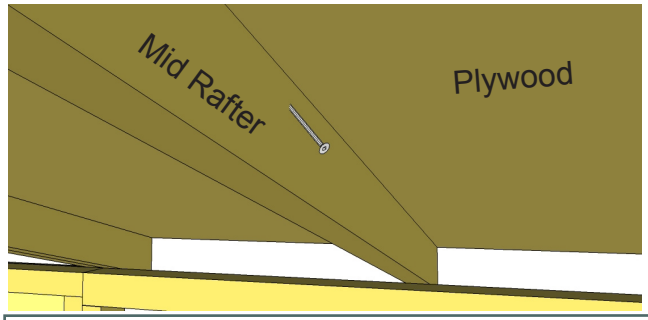
Hardware
2 1/2" Screws
x 8 total

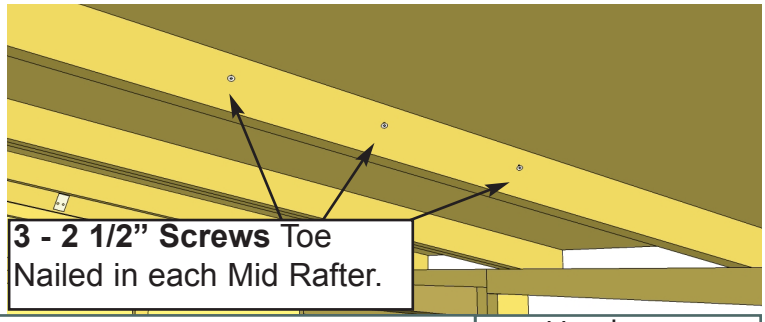




D11. Secure roof panels to walls at both ends by positioning **2 - 90° Metal Brackets** on plywood and outside rafters and securing with **4 - 1 1/4" Screws** per Bracket. Complete both sides.

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

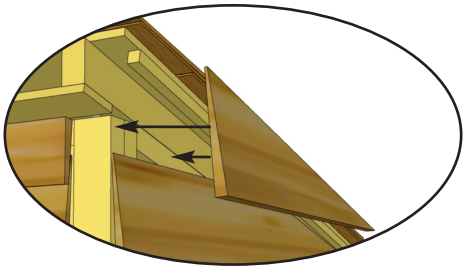


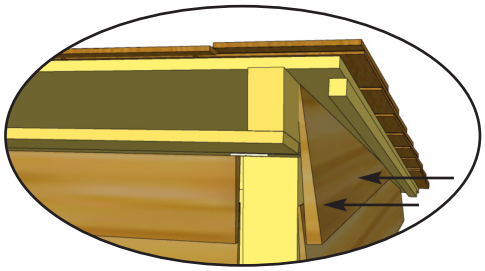


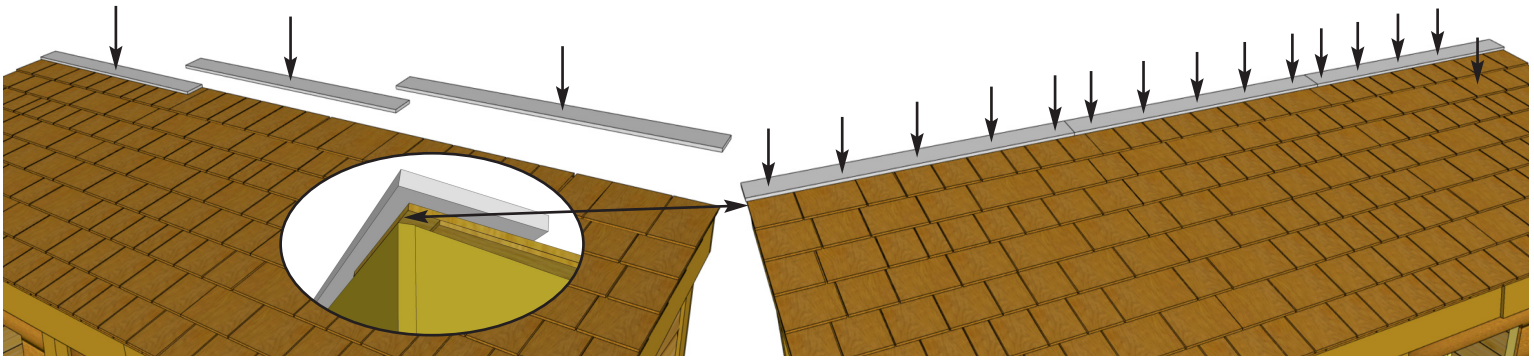
D12. To further secure roof panels from the inside, drill pilot holes on an angle in each panel's Mid Rafter (3 per Rafter). Using **3 - 2 1/2" Screws**, secure rafters to plywood. **Note:** from outside if possible, have a helper push roof panel down so plywood sits flush against rafter while securing.

Hardware
2 1/2" Screws
x 9 total

Note: If Top Siding Pc. for Angle Wall was not installed in Step B9 it can be done now. Attach with 3 - 1 1/2" Finishing Nails per piece.







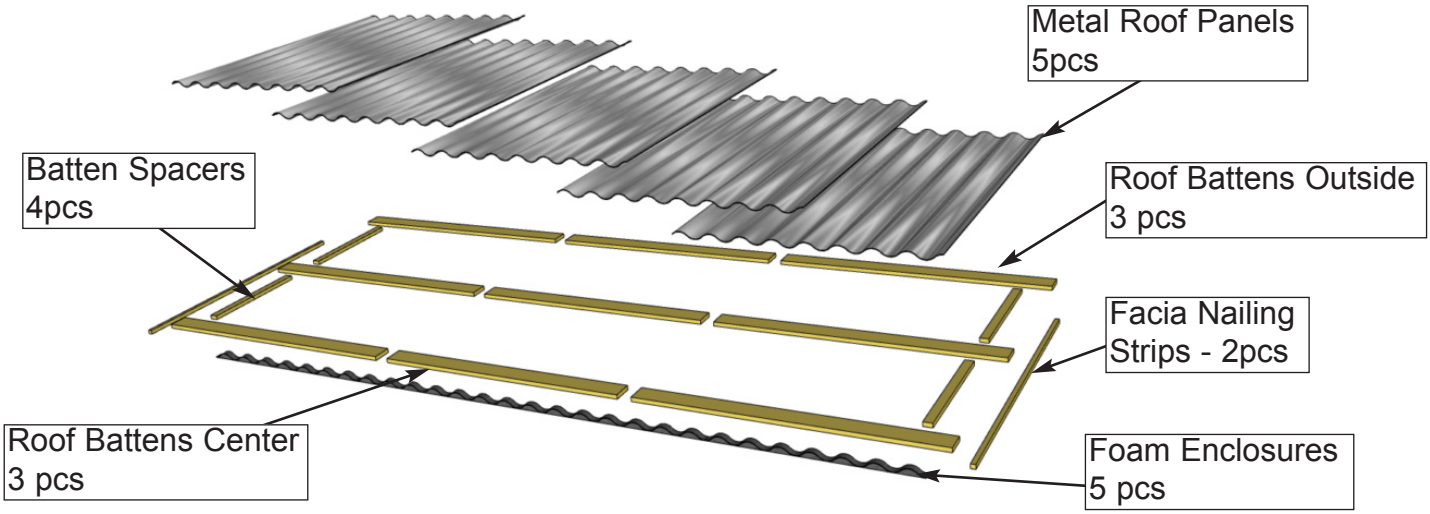
D13. Position **Roof Ridge Board** at the rear of roof to cap off shingles and facia. Ridge Boards should meet on seam of roof panels. When aligned correctly, attach with **5 - 1 1/2" Finishing Nails** per piece.

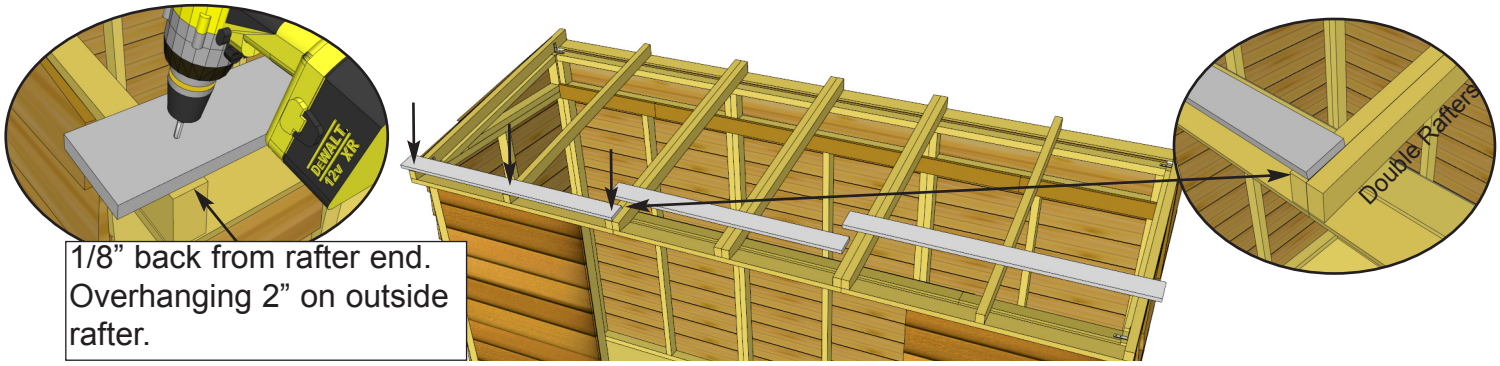
Parts
Roof Ridge Boards
(1/2" x 4 1/2" x 49 1/4") **x 3**

Hardware
1 1/2" Finishing Nails
x 15 total

D. Roof Section - Metal

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



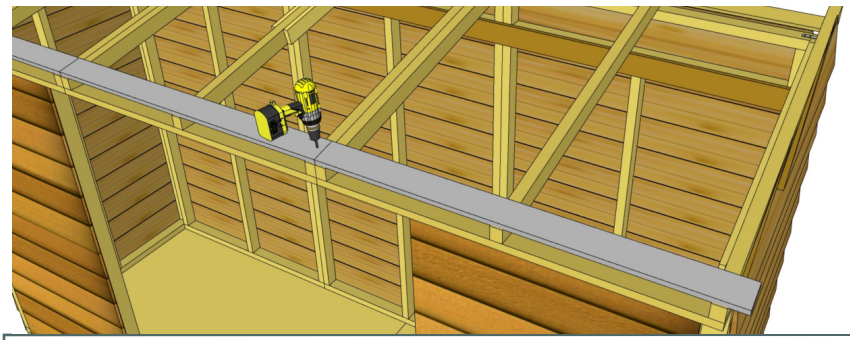


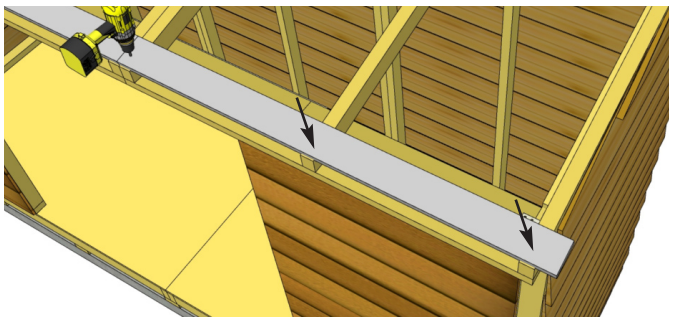
1/8" back from rafter end. Overhanging 2" on outside rafter.

D1. Locate first row of Roof Battens (**3/4" thick x 3 1/2" wide x 50" long x 2 - Outside & 1 @ 45 1/2" - Center).** Position on front of roof rafters. Place 1/8" back from end of rafter. Batten will sit evenly on center rafters overhanging 2" on the outside rafters. Attach batten with **1 - 1 1/4" Screw** per each rafter. Pre-drill with 1/8" drill bit first to prevent end from splitting.

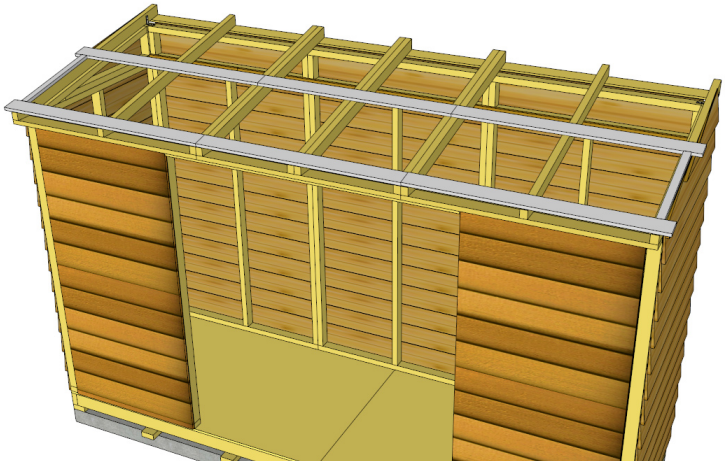
Parts (Steps D1 - D4)
Roof Batten - Out
(3/4" x 3 1/5" x 50") **x 6**
Roof Batten - Ctr
(3/4" x 3 1/5" x 45 1/2") **x 3**
Batten Spacers
(3/4" x 1 1/2" x 21 5/8) **x 4**

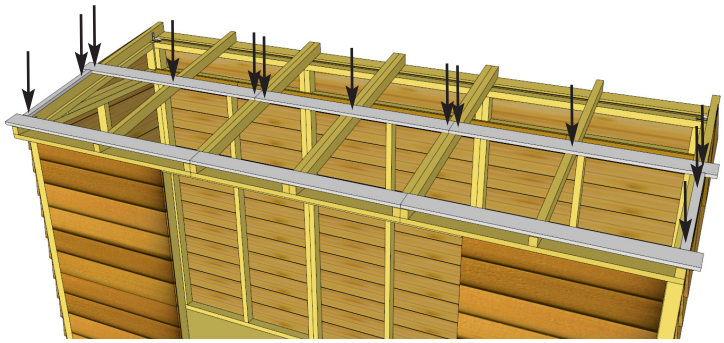
Hardware (Steps D1 - D4)
1 1/4" Screws x 27 total



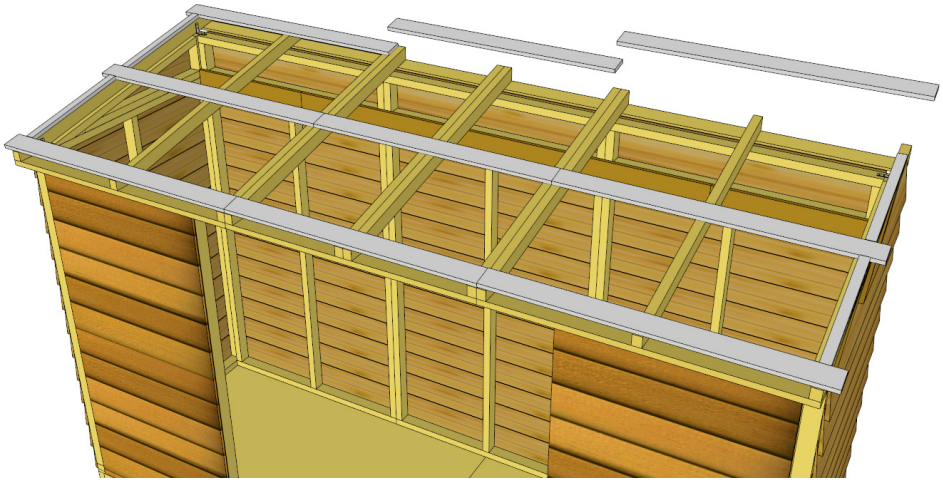


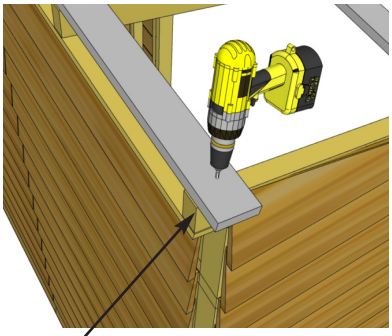
D2. Position and attach Center Roof Batten (45 1/2" long) and Outside 50" long batten as per **Step D1**.



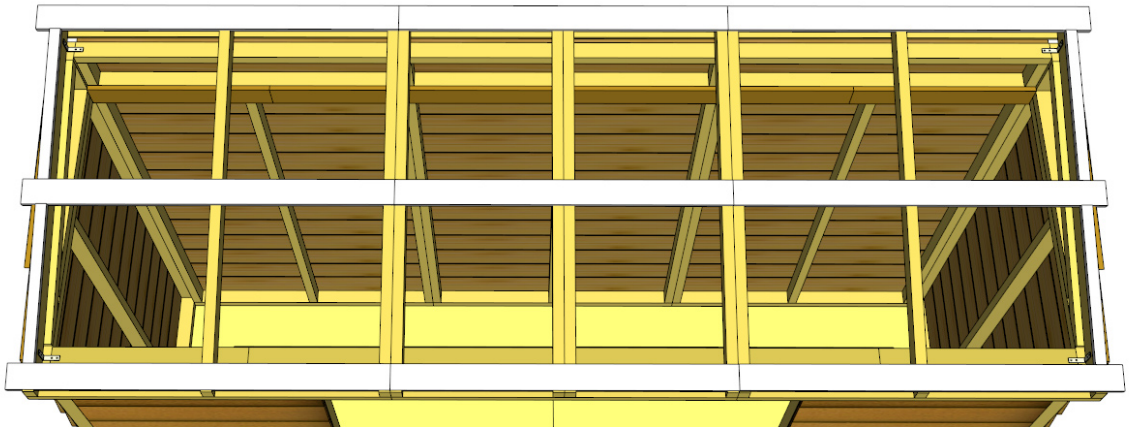


D3. Locate **Batten Spacers**. Place one **Batten Spacer** above each Batten lengthwise along outside Rafter. Attach each Batten Spacer to outside Rafter with **2 - 1 1/4" Screws** per Batten Spacer (4 total). Position and attach 2nd row of battens flush with Batten Spacers following **Step D1 - D2.**

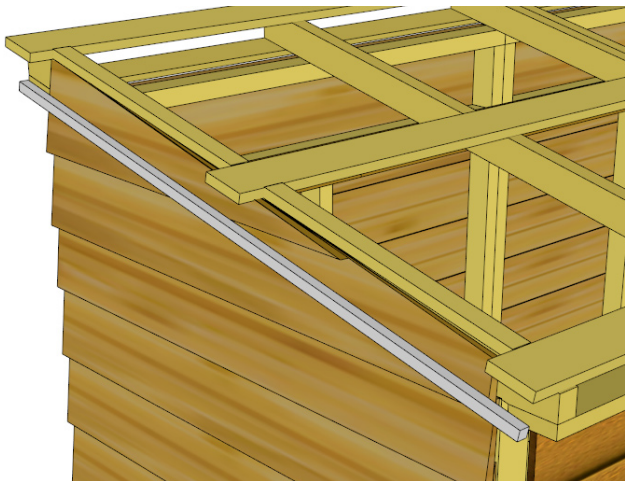


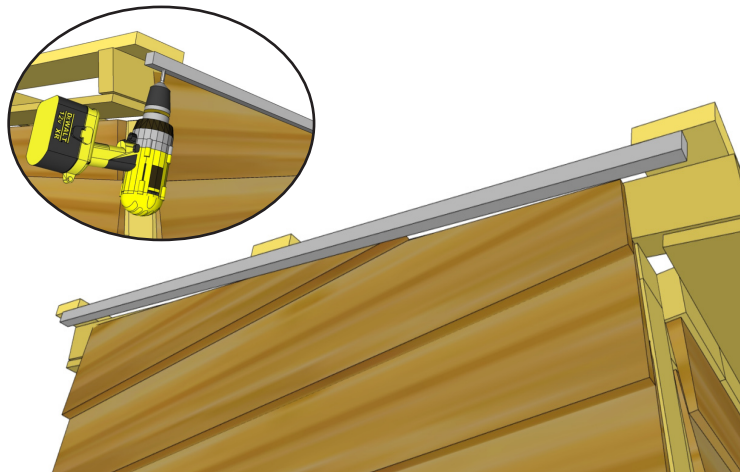


D4. Position and attach 3rd row of Battens and Batten Spacers following **Steps D1 - D3.** Space battens such that they are flush with the previous row of Batten Spacers as shown above.



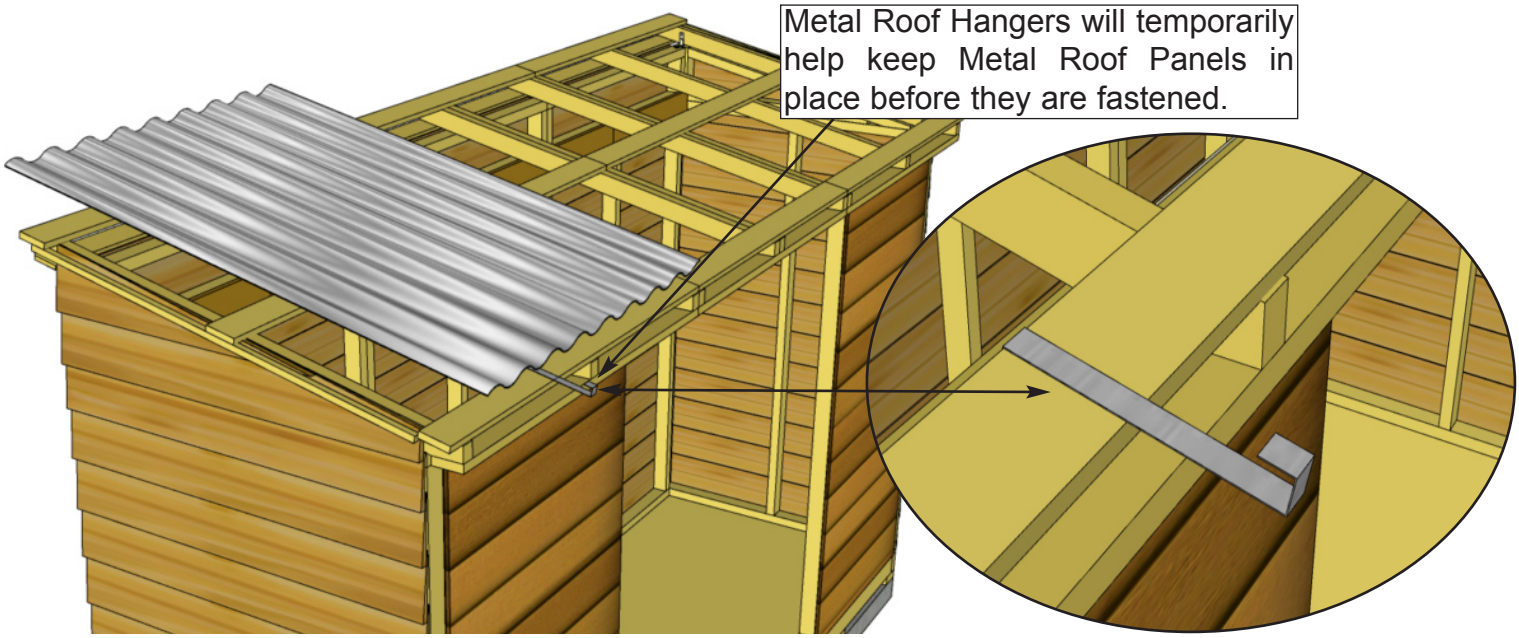
Top View of Roof Battens

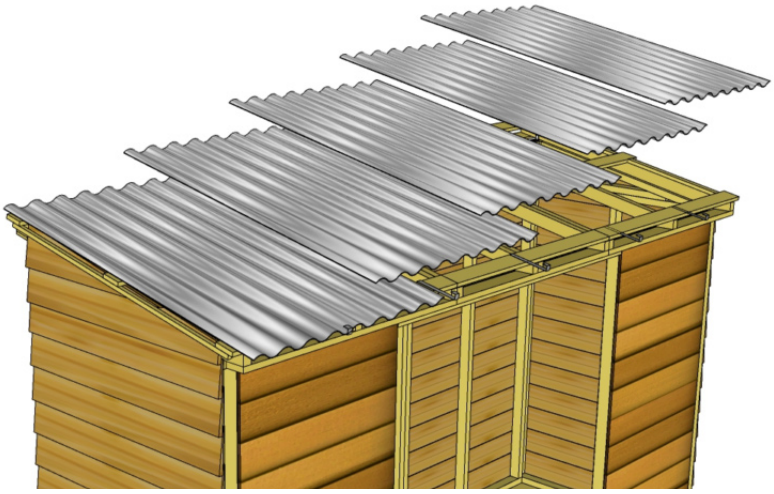




D5. Center **Rafter/Facia Nailing Plates** (2) (3/4" x 3/4" x 51") underneath outside of each batten. Attach with **3 - 1 1/4" Screws** evenly spaced into the batten. The Rafter/Facia Nailing Plate provides for a greater nailing surface later when you attach side facia.

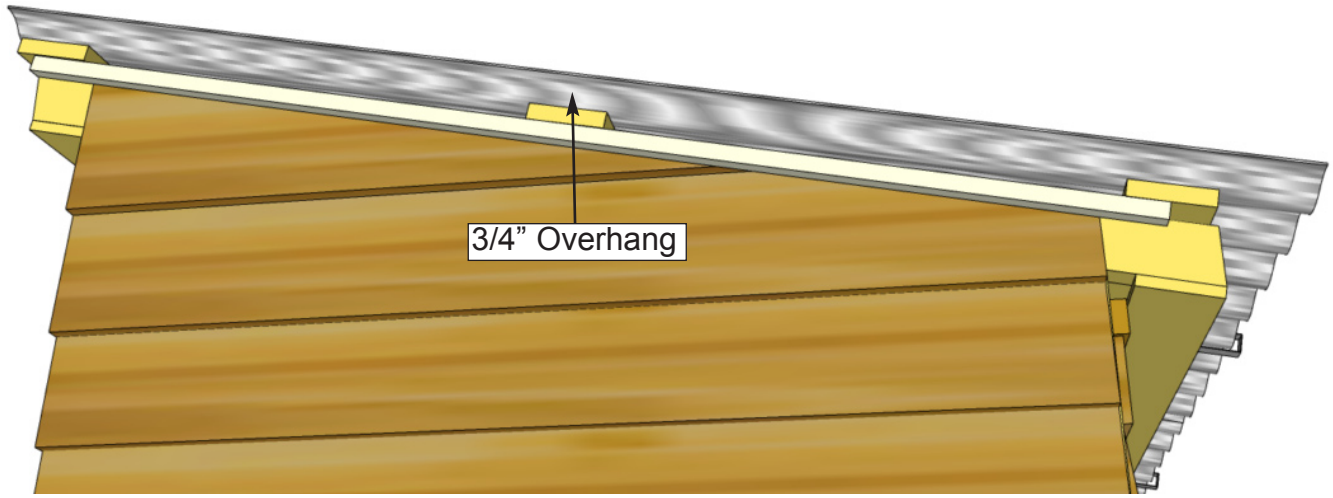
Parts	Hardware
Nailing Strips (3/4" x 3/4" x 51") **x 2**	**1 1/4" Screws** x 6 total



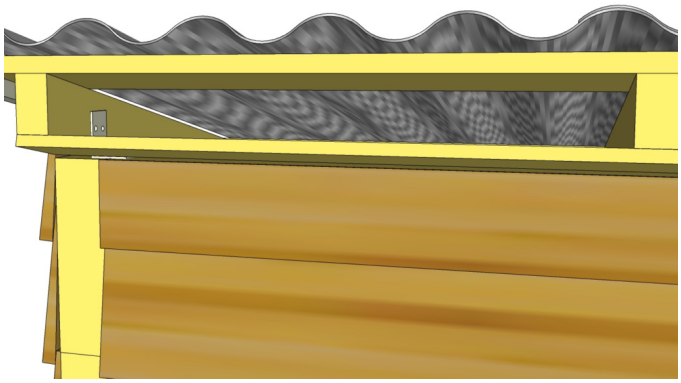


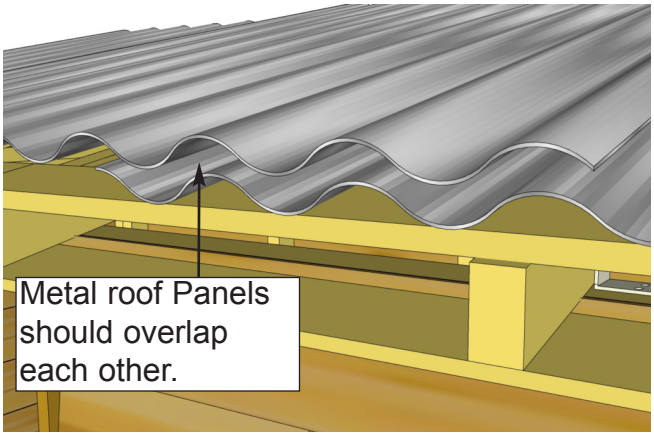
D6. Locate all **Metal Roof Hangers** and **Metal Roof Panels** (Identical). To temporarily help hold the **Metal Roof Panel** in place, hook a **Metal Roof Hanger** onto the lower **Batten** approximately where the center of the first Panel will be. Place the first **Metal Roof Panel** on **Battens**. Do not fasten Panels down until **Steps D10 & D12**. Place other two **Metal Roof Panels** with Hangers the same way.

Parts	Hardware
Metal Roof Panels (39" x 58 1/2") **x 5**	**Metal Roof Hangers** x 5 total

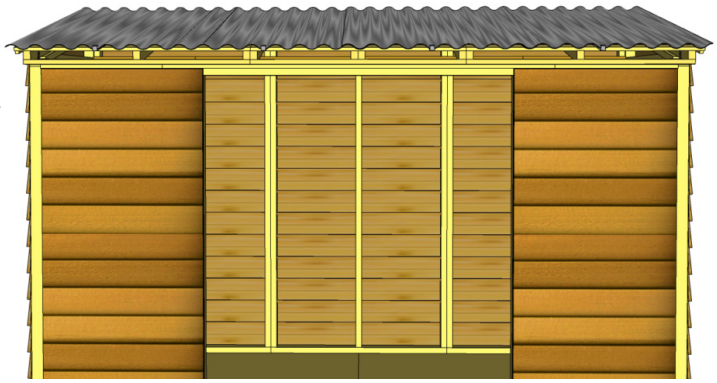


D7. Overhang the **Metal Roof Panels** past the **Battens** on the sides by approximately 3/4”. The overhang on front and back will be set by the **Metal Roof Hangers**, but should be approximately 1” on the back and approximately 4” on the front.

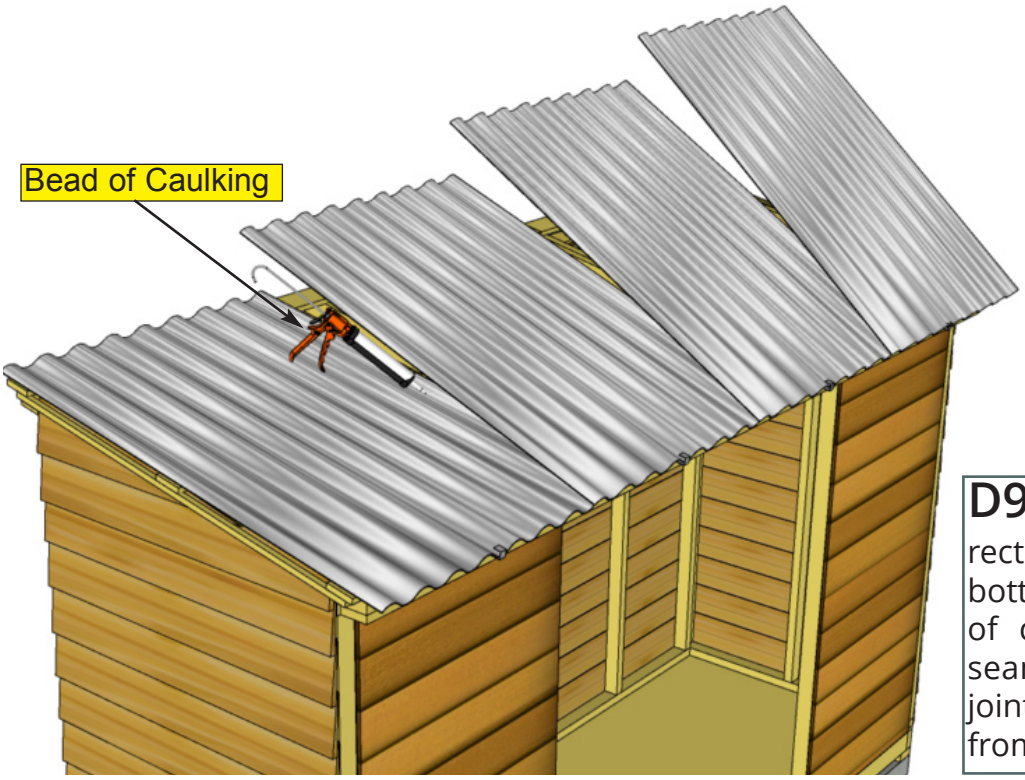




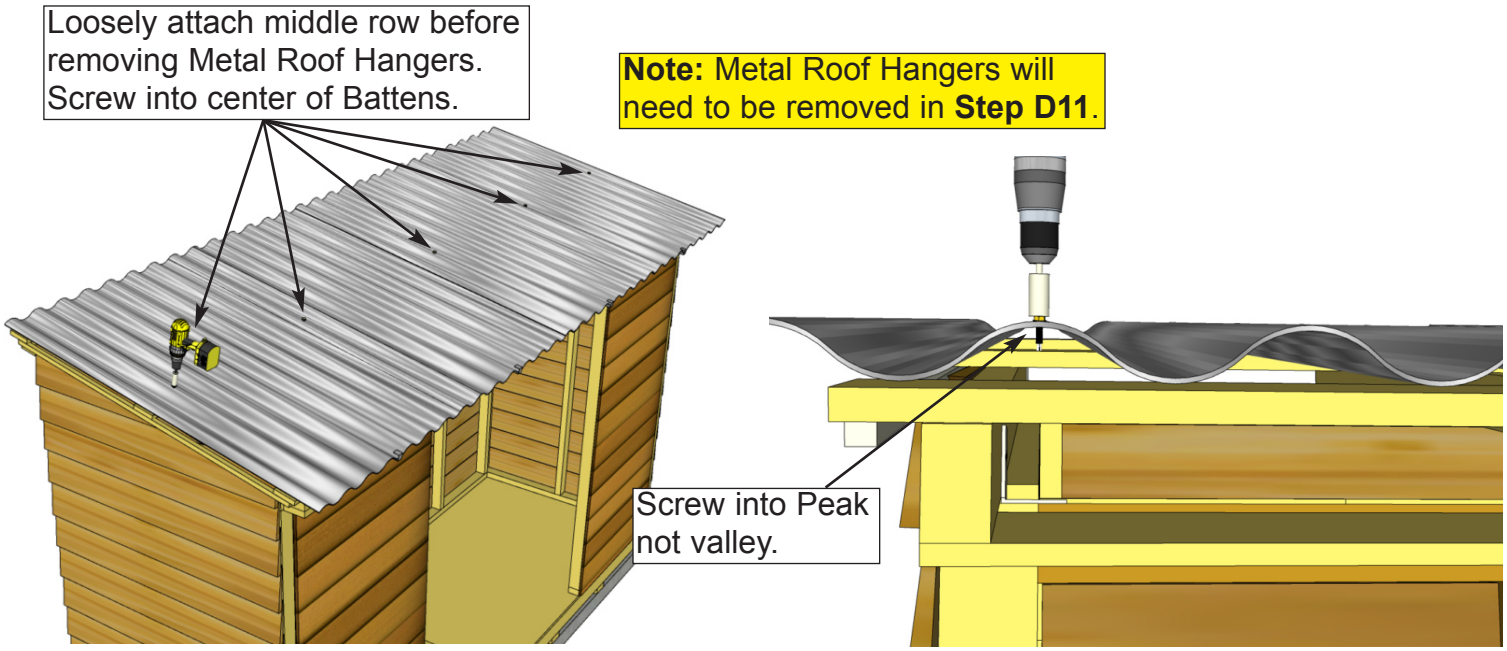




D8. Adjust the position of remaining **Metal Roof Panels** on **Battens** as per **Step D7**. Overlap **Metal Roof Panels** to achieve the desired overall width. Overall width past the end of **Battens** can vary from 1” - 3”, depending on your personal preference.

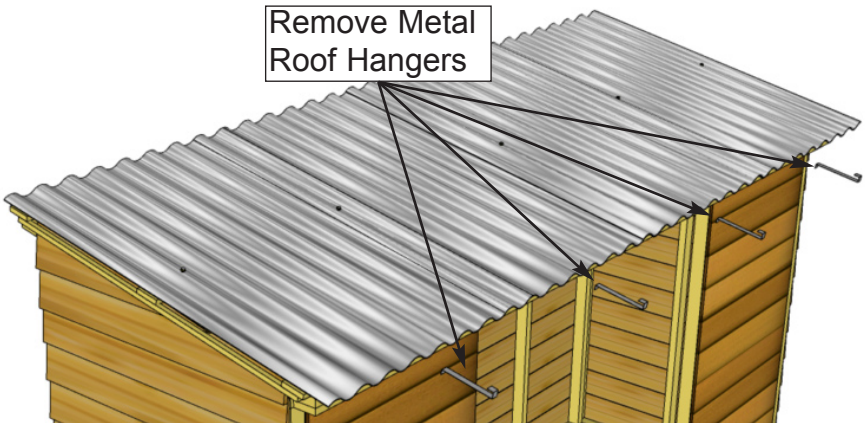


D9. Once Metal Roof is spaced correctly from side-to-side and top-to-bottom, lift panels up and run a bead of caulking down the overlapping seams of each panel to seal the joints. You will likely need assistance from a helper in this step.



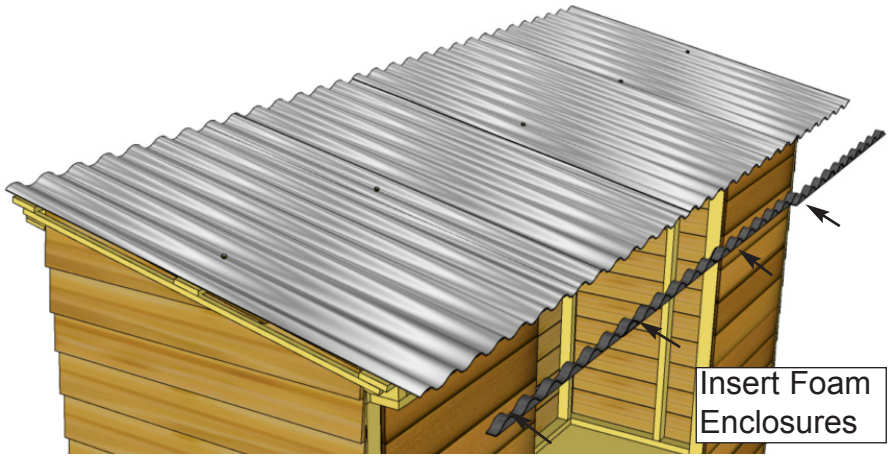
D10. Using **5 - 1 1/2" Metal Screws** and **1/4" Nut Driver** (included), partially secure **Metal Roof Panels** down to the middle **Batten** row. Only fasten screws half way so the **Metal Roof Hangers** can be removed. Metal screw is self-tapping, screw into the center of Battens. Five more **1 1/2" Metal Screws** and five **1 1/2" Metal Screws** will be required to further secure **Metal Roof Panels** and to complete **Metal Ridge Cap**s in later steps.

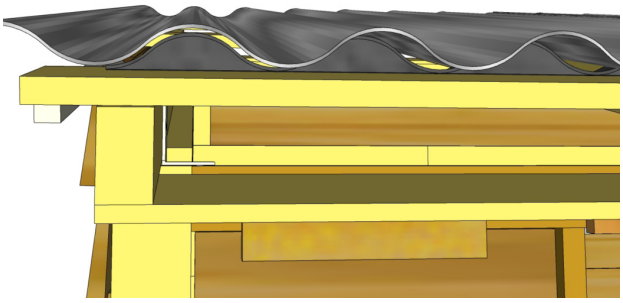
Hardware
1 1/2" Metal Roof Screws
x 5 total

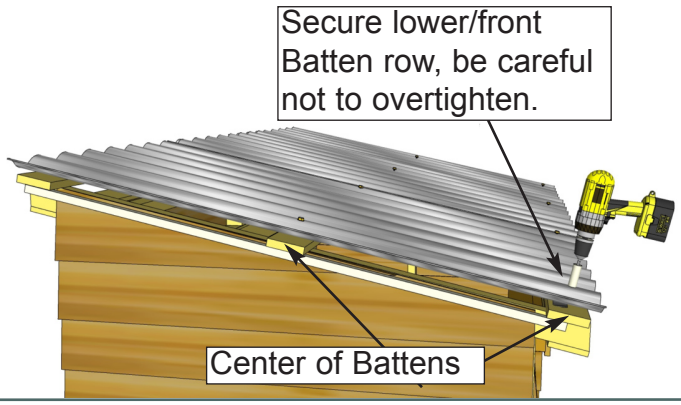


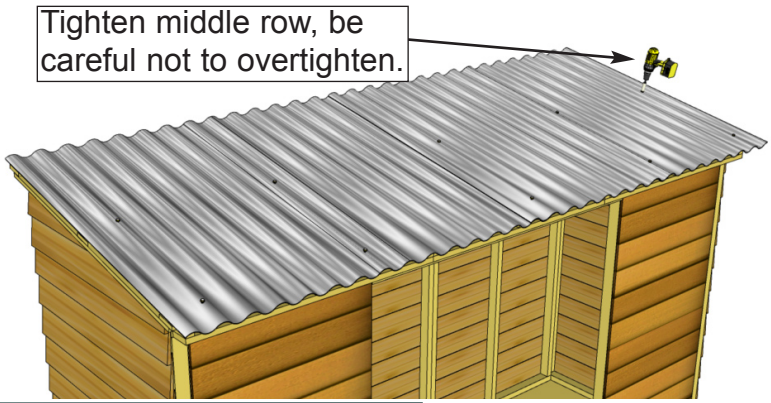
D11. Before fully fastening **Metal Roof Panels** down, remove the **Metal Roof Hangers** and insert **Foam Enclosures** between **Metal Roof Panels** and **Battens** at the front/bottom. Enclosures will prevent moisture and unwanted bugs, etc from entering your shed from here.

Parts
Foam Enclosures x 4 total





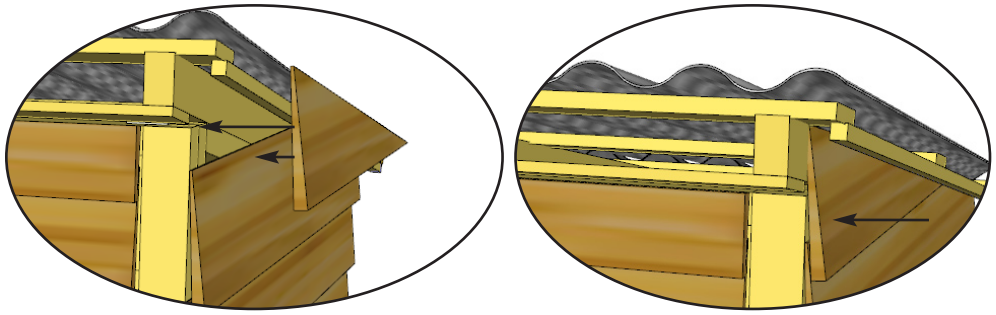




D12. Using **5 - 1 1/2" Metal Screws** and **1/4" Nut Driver**, secure **Metal Roof Panels** down to lower/front **Batten** row. Tighten screws in middle **Batten** row which were partially attached in **Step D10**. Do not overtighten!

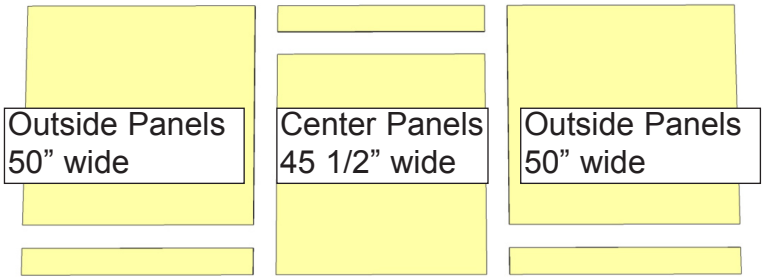
Hardware
1 1/2" Metal Roof Screws
x 5 total

Note: If Top Siding Pc. for Angle Wall was not installed in Step B9 it can be done now. Attach with 3 - 1 1/2" Finishing Nails per piece.



D. Roof Section - Plywood

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

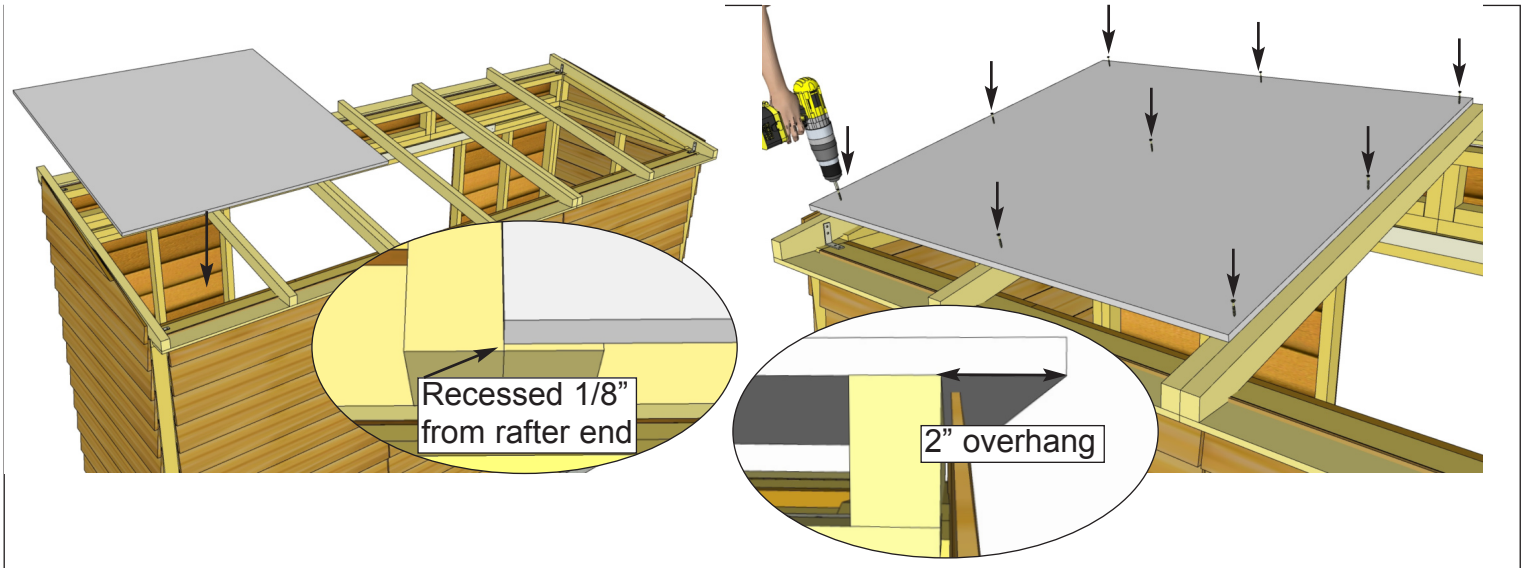


D1. Locate all 4 different plywood roof panel sizes required to complete roof section. Begin with an **Outside Large Roof Panel** in **Step D2**.

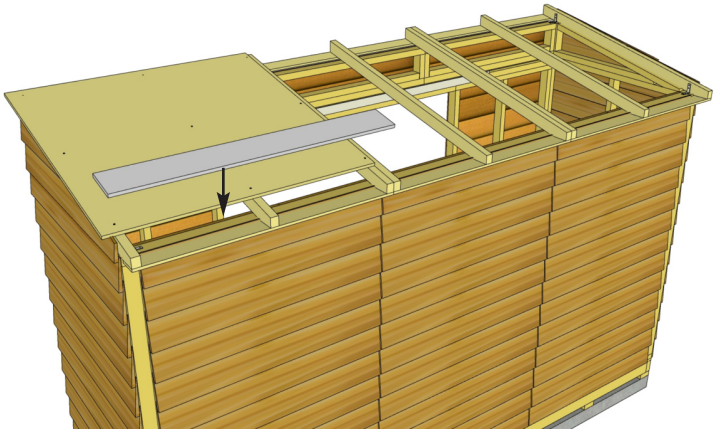
Parts (Steps D1 - D5)
Outside Large Roof Panel
(5/8” x 48” x 50”) **x 2**
Center Large Roof Panel
(5/8” x 48” x 45 1/2”) **x 1**

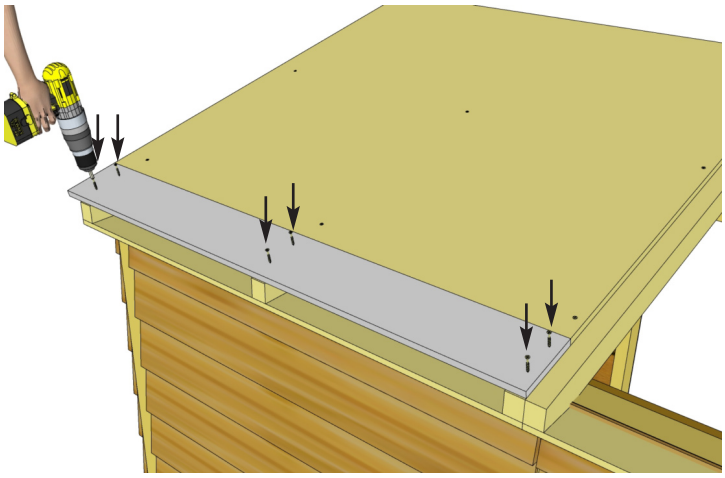
Parts (Steps D1 - D5)
Outside Small Roof Panel
(5/8” x 50” x 5 3/4”) **x 2**
Center Small Roof Panel
(5/8” x 45 1/2” x 5 3/4”) **x 1**

Hardware (Steps D1 - D5)
1 1/4” Screws
x 45 total

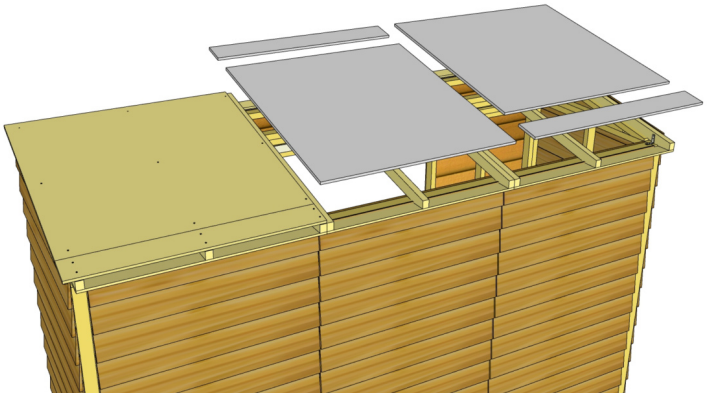


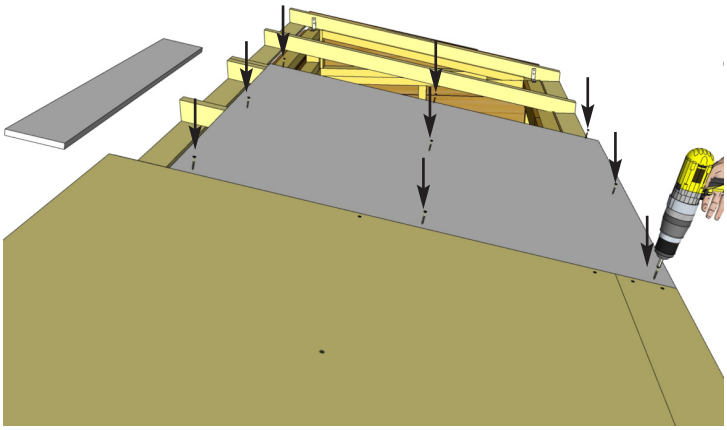
D2. Start with an **Outside Large Plywood Roof Panel**. Position so plywood overhangs outside Rafter by 2”. In the front, plywood will be recessed 1/8” back from rafter end. With panel positioned correctly, attach to Rafters with **9 - 1 1/4” Screws**.



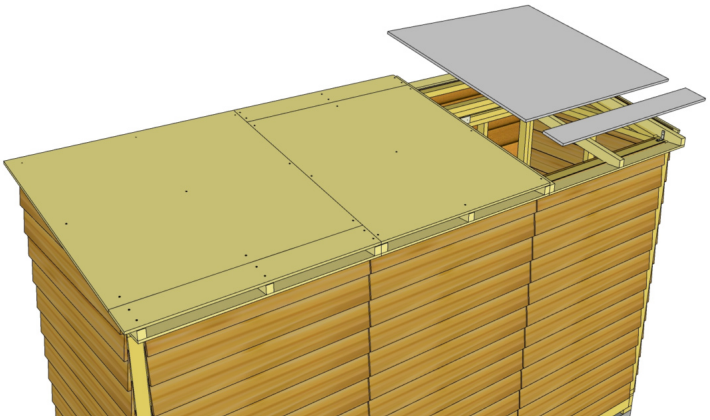


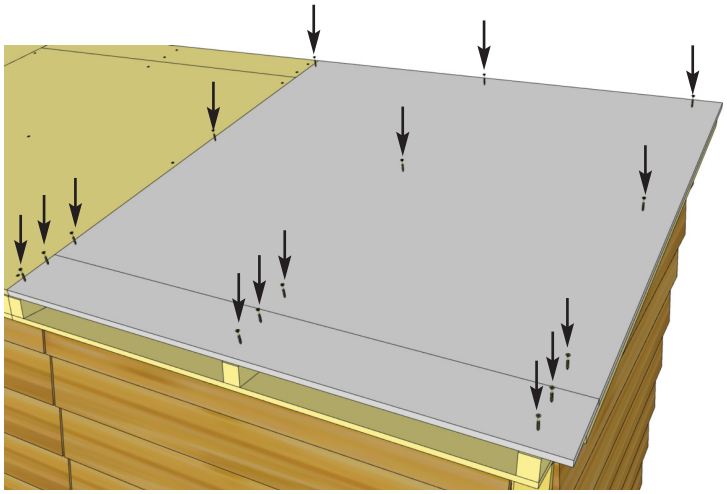
D3. Position a **Small Outside Plywood Roof Panel** tight against the previous piece. Position with same overhang past rafter as per **Step D2**. Attach to rafters with **6 - 1 1/4" Screws**.



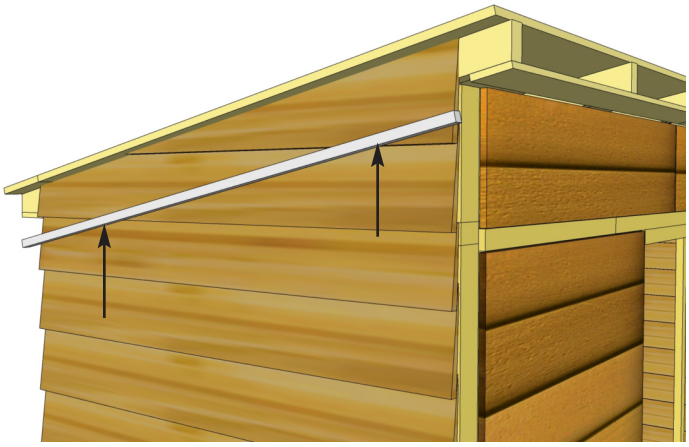


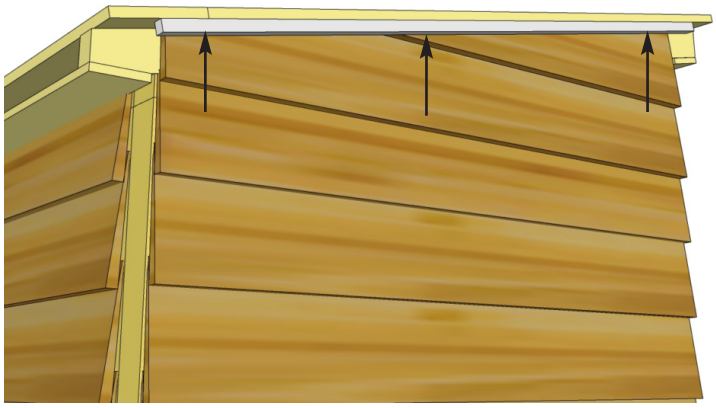
D4. Locate **Center** and remaining **Outside Roof Panels**. Position Center Large Panel (45 1/2" wide) on rafters and attach as per **Steps D2 - D3**. Place Small Center Roof Panel (45 1/2" wide) on rafters as per **Step D3** and attach.





D5. Position 2nd **Large Outside Roof Panel** on roof and attach as per **Step D2**. Position 2nd **Small Outside Roof Panel** on roof and attach as per **Step D3**.

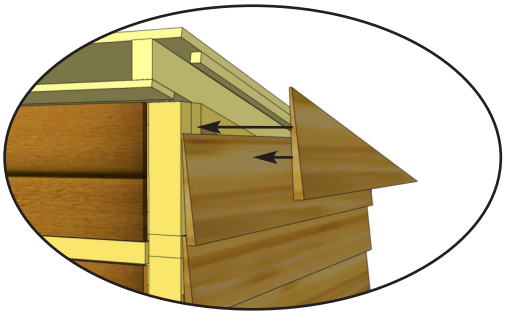


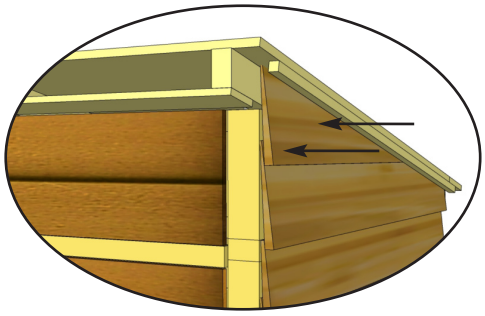


D6. Center **Facia Nailing Strips** onto outside of each plywood panel flush on edge. Attach with **3 - 1 1/4" Screws** per piece, evenly spaced. The Facia Nailing Strip provides for a greater nailing surface later when you attach Side Facia. Complete both sides.

Parts
Facia Nailing Strips (3/4" x 3/4" x 51") **x 2**
Hardware
1 1/4" Screws x 6 total

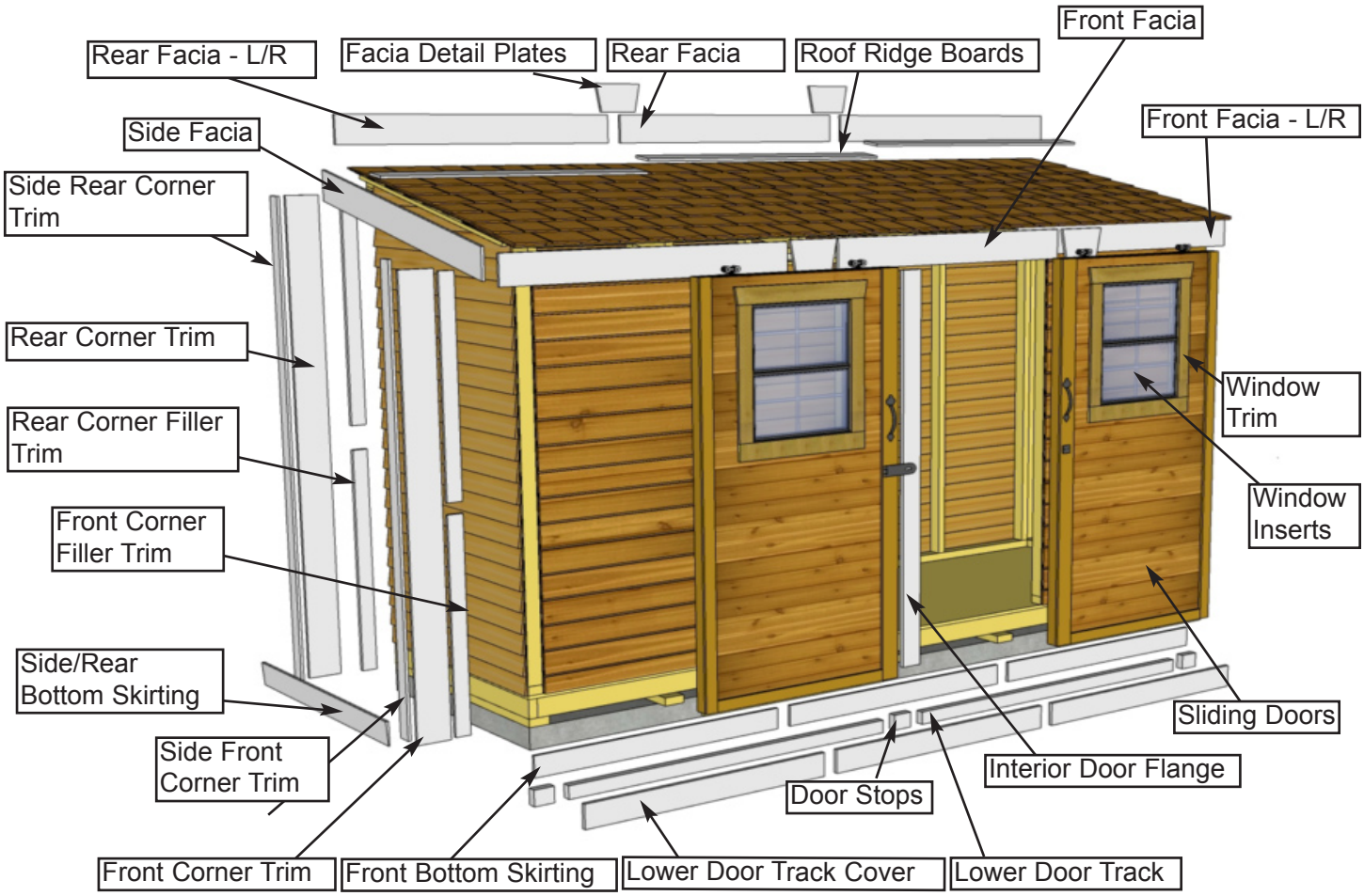
Note: If Top Siding Pc. for Angle Wall was not installed in Step B9 it can be done now. Attach with 3 - 1 1/2" Finishing Nails per piece.



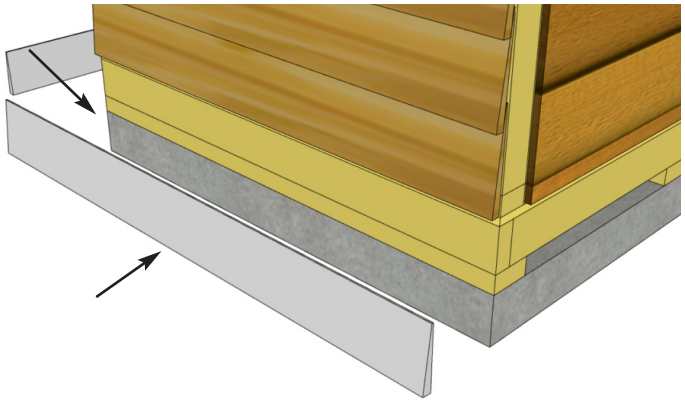


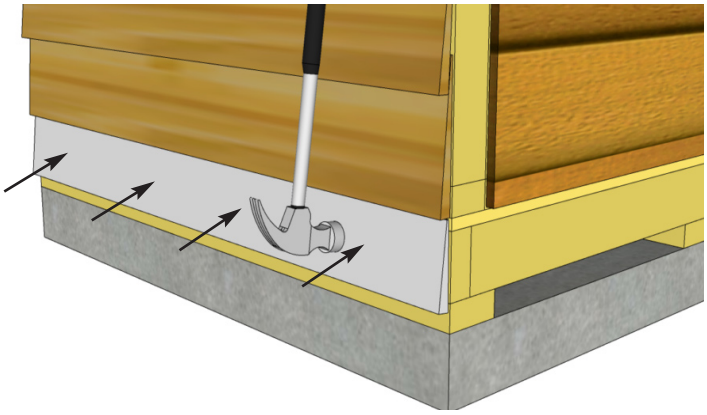
E. Miscellaneous Section

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

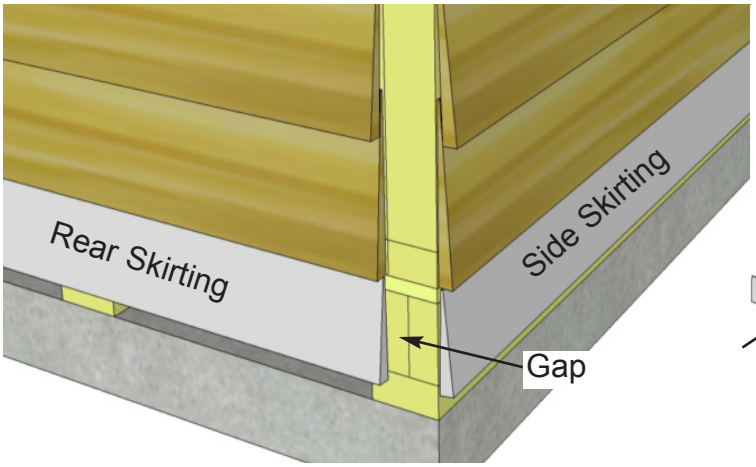


Note: All Trim, Facia, and Bottom Skirting pieces will be positioned rough face out when installed.



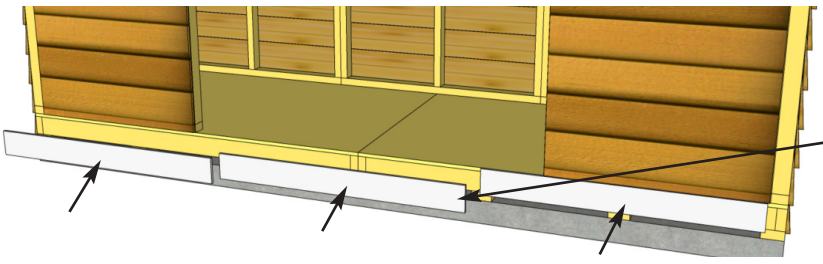


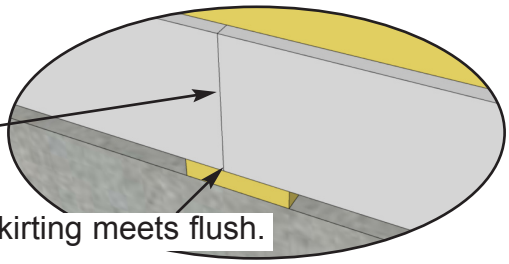
E1. Attach **Bottom Skirting** around the base of the shed. Skirting will hide floor framing. Start with side skirting pieces first and attach with **4 - 1 1/2" Finishing Nails** per piece.	Parts (Steps E1 - E2) **Side/Rear Bottom Skirting - Bevel** (3/4" x 4 1/2" x 45 1/4") **x 5**
	Hardware (Steps E1 - E2) **1 1/2" Finishing Nails** x 20 total





E2. Gaps on outside will be covered by Corner Trim later. Complete side and rear skirting attachments.

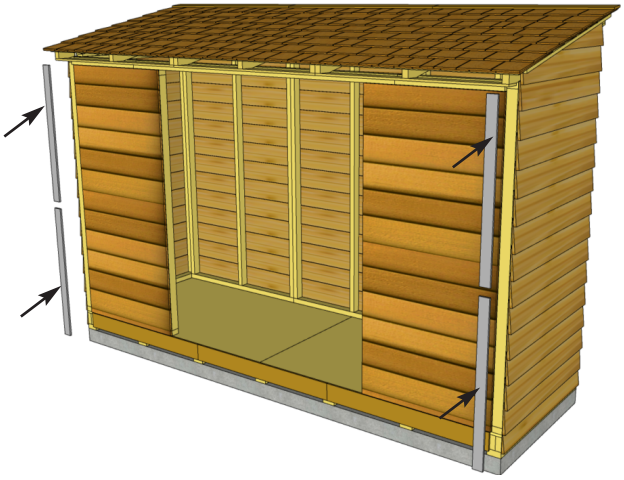


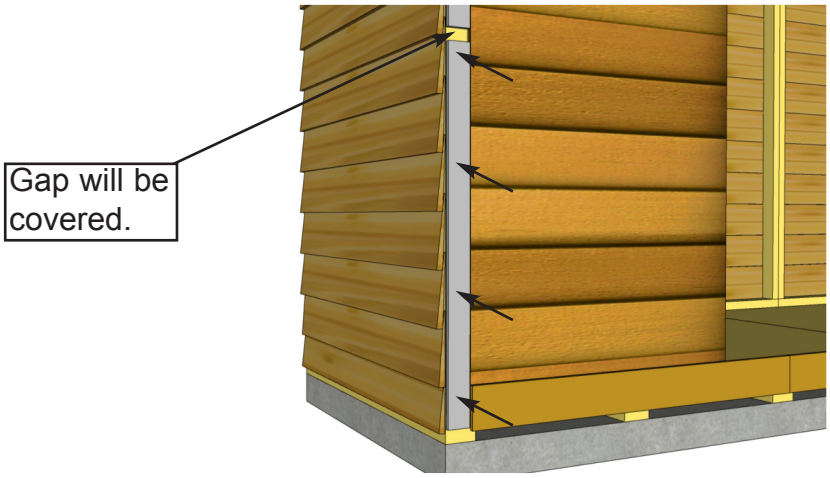


E3. Attach **Front Bottom Skirting** with **4 - 1 1/2" Finishing Nails** per piece as per **Steps E1 - E2.**	Parts **Front Bottom Skirting** (1/2" x 4" x 45 1/4") **x 3**	Hardware **1 1/2" Finishing Nails** x 12 total



E4. Check the wall seams for visible gaps prior to attaching filler trim and apply caulk where needed. Caulking gaps will help prevent moisture from entering and will help the longevity of your shed. **Caulking not included in kit.**





E5. Position and attach **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.

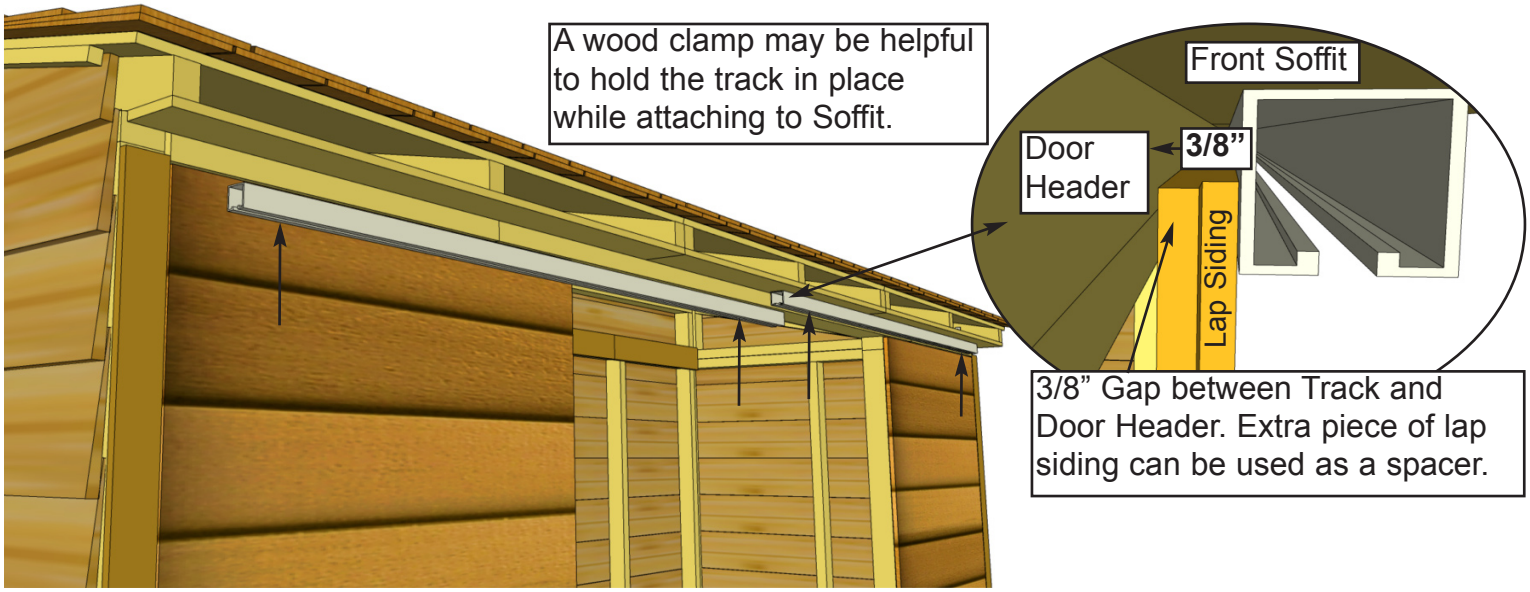
Parts	Hardware
Front Corner Filler Trim (1/2" x 2 1/2" x 38") **x 4**	**1 1/2" Finishing Nails** x 16 total





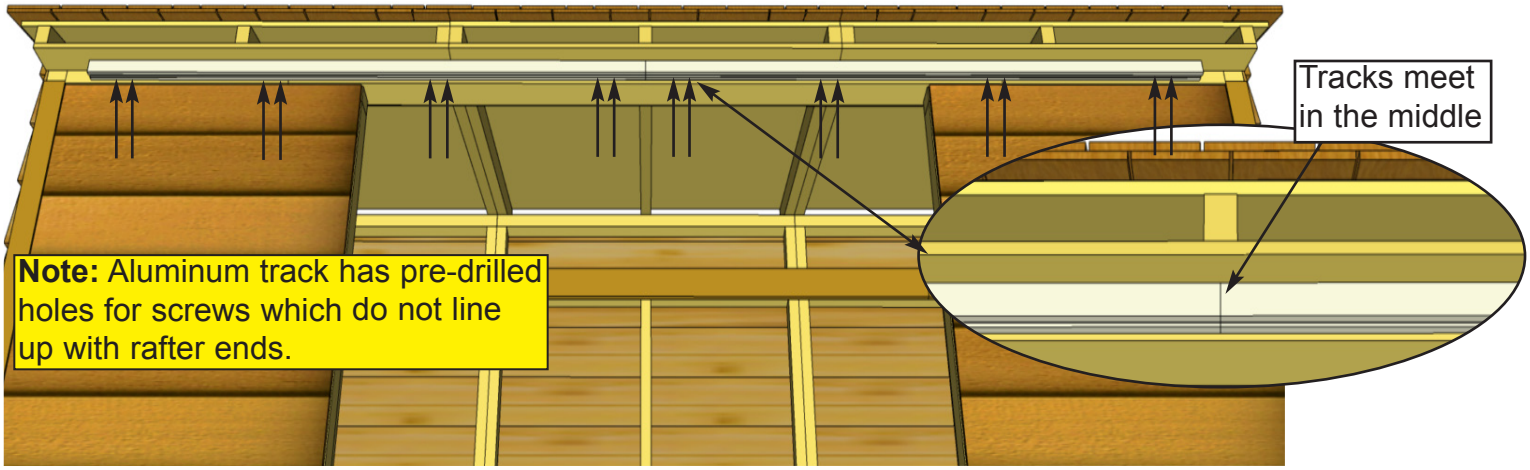
E6. Position and attach **Rear Corner Filler Trim** with **5 - 1 1/2" Finishing Nails** per piece as per **Step E5**. Note: Part size will vary depending on type of siding chosen for shed. See Parts List.

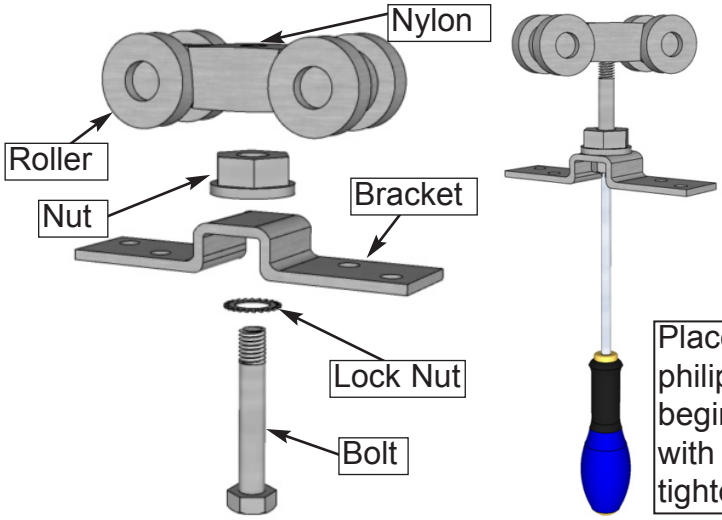
Parts	Hardware
Rear Corner Filler Trim (7/8" x 2 1/2" x 42") **x 4**	**1 1/2" Finishing Nails** x 20 total

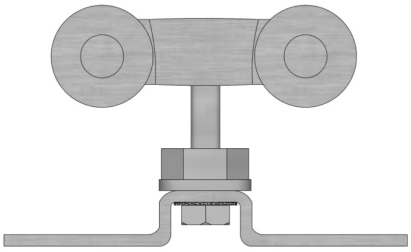


E7. Position **Aluminum Door Tracks** on bottom of Front Soffits, spaced approximately 3/8” from Door Header. **Extra Piece Lap Siding** can be used as a spacer for track. Tracks should meet at the center of the door opening below middle rafter. Attach with **8 - 1 1/4” Screws** per track.

Parts
Metal Door Track x 2
Hardware
1 1/4” Screws x 16 total





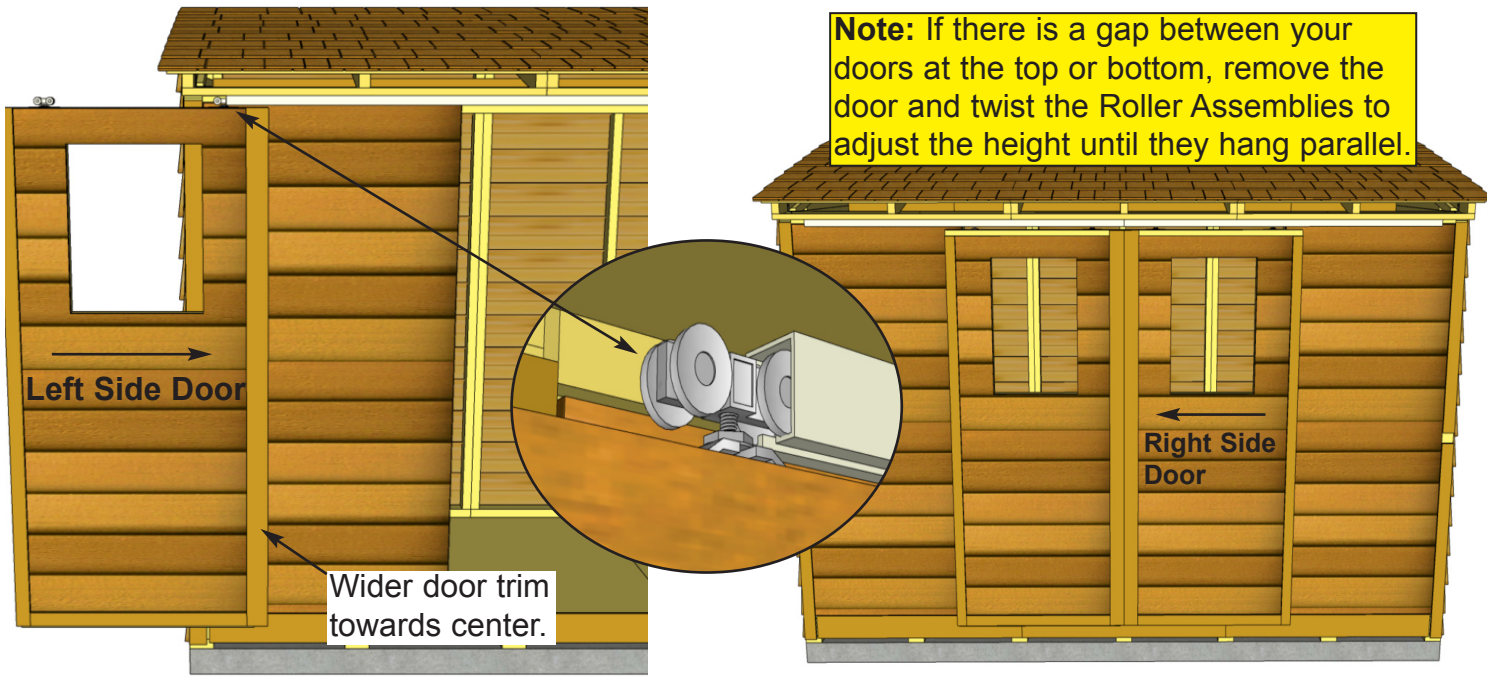


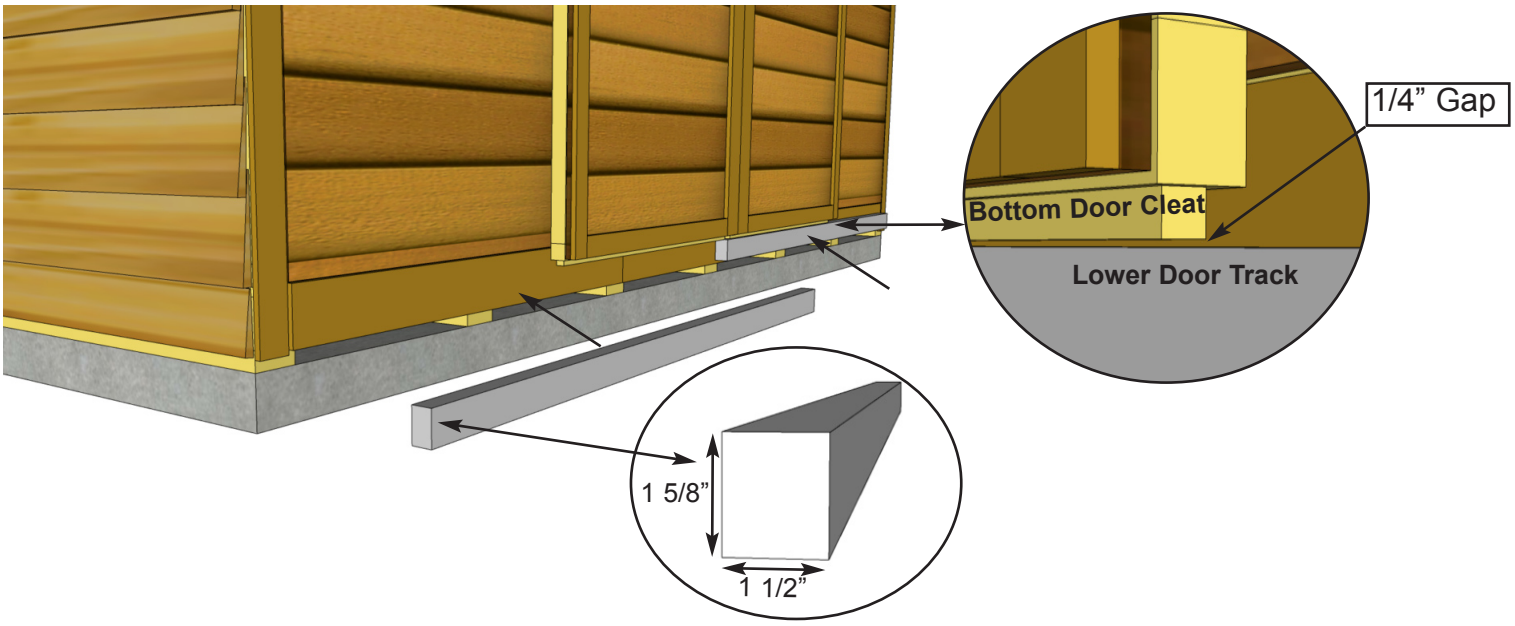
Place the Lock Nut, Bracket and Nut over the bolt. Use a philips screw screwdriver in the bolt to hold it in place and begin to twist the roller onto the bolt until the bolt is flush with the white nylon on top of the roller. Use a wrench to tighten down the nut, it will take some force near the end.



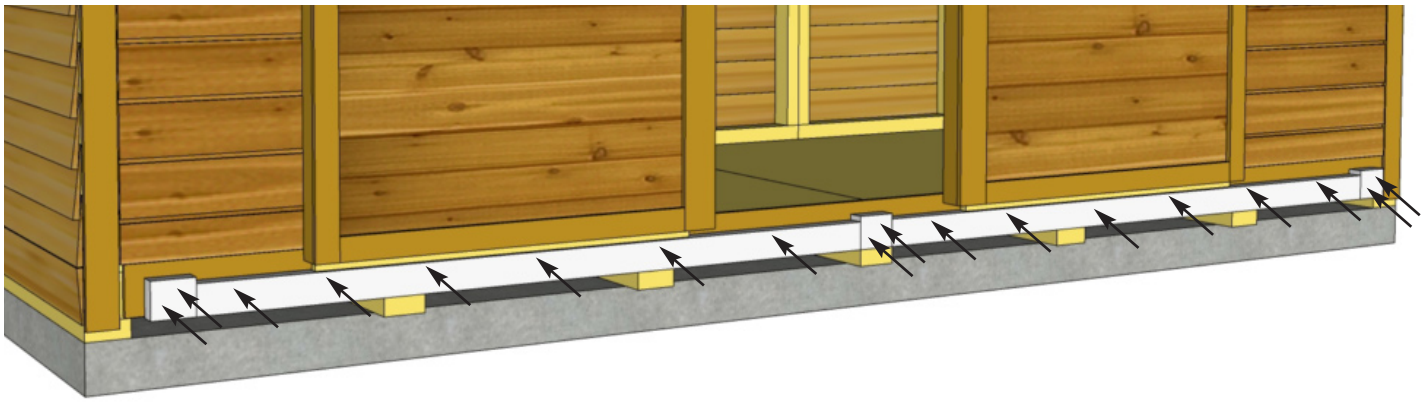
E8. Locate all four **Roller Assemblies**. Before attaching to top of doors, assemble the units as shown above. Attach two Roller Assemblies to each door with **4 - 1 1/4" Screws** per Assembly, center on the door framing 4" from each end as shown above. Twist the Roller to get at holes. Next, take Left Side Door and slide Rollers into the Aluminum Door Track. Repeat with Right Side Door and slide until doors meet in the middle.

Parts
Sliding Doors (36" x 73") **x 2**
Hardware
1 1/4" Screws x 16 total **Roller Assembly** x 4 total









E9. Locate **Door Tracks** and **Door Stops**. Middle Door Stop should be centered on shed and outer Door Stops should be 1 1/2” from edge of bottom skirting. Door Tracks rest on Long Floor Runners. Bottom of Door Stops and Door Tracks should be flush with each other. Secure Door Tracks to shed with **6 - 3” Screws** per piece. Secure Door Stops with **2 - 3” Screws** per piece.

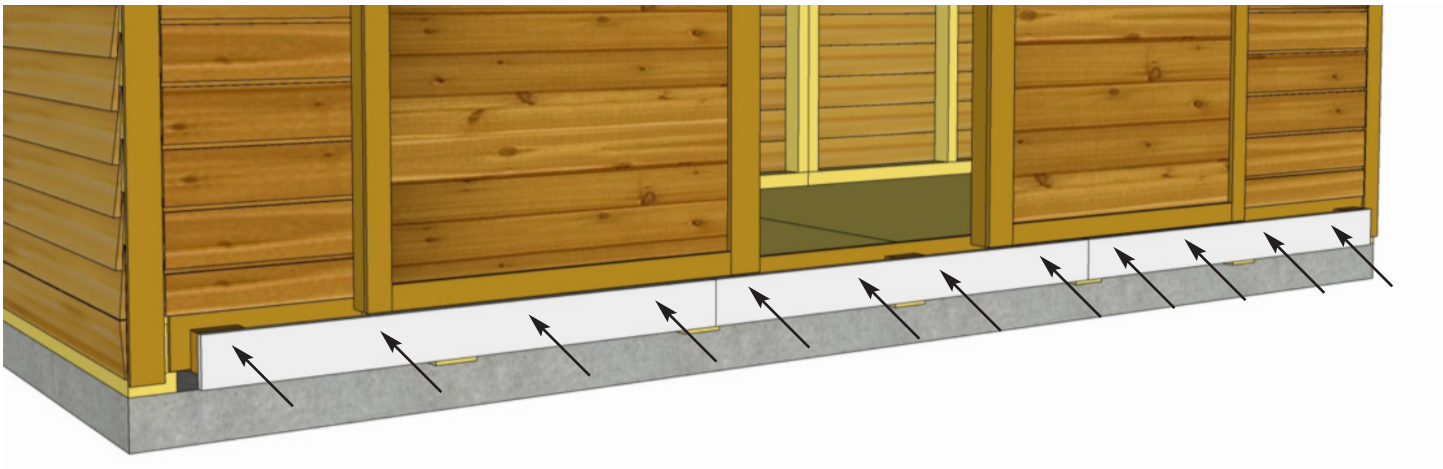
Parts

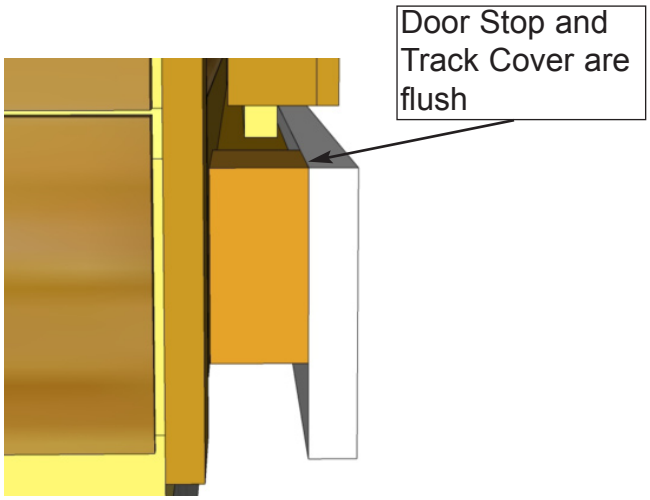
Lower Door Track
(1 1/2” x 1 1/2” x 61 1/8”) **x 2**
Door Track Stops
(1 1/2” x 2 1/4” x 3 1/2”) **x 3**

Hardware

3” Screws x 18 total

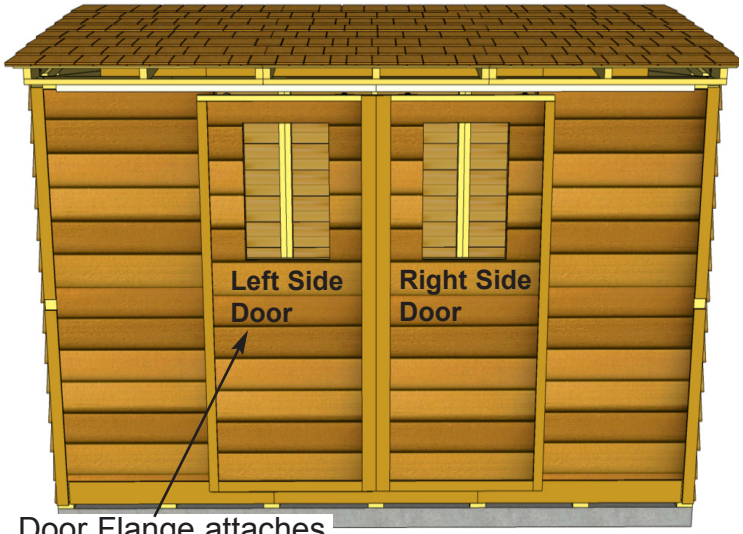




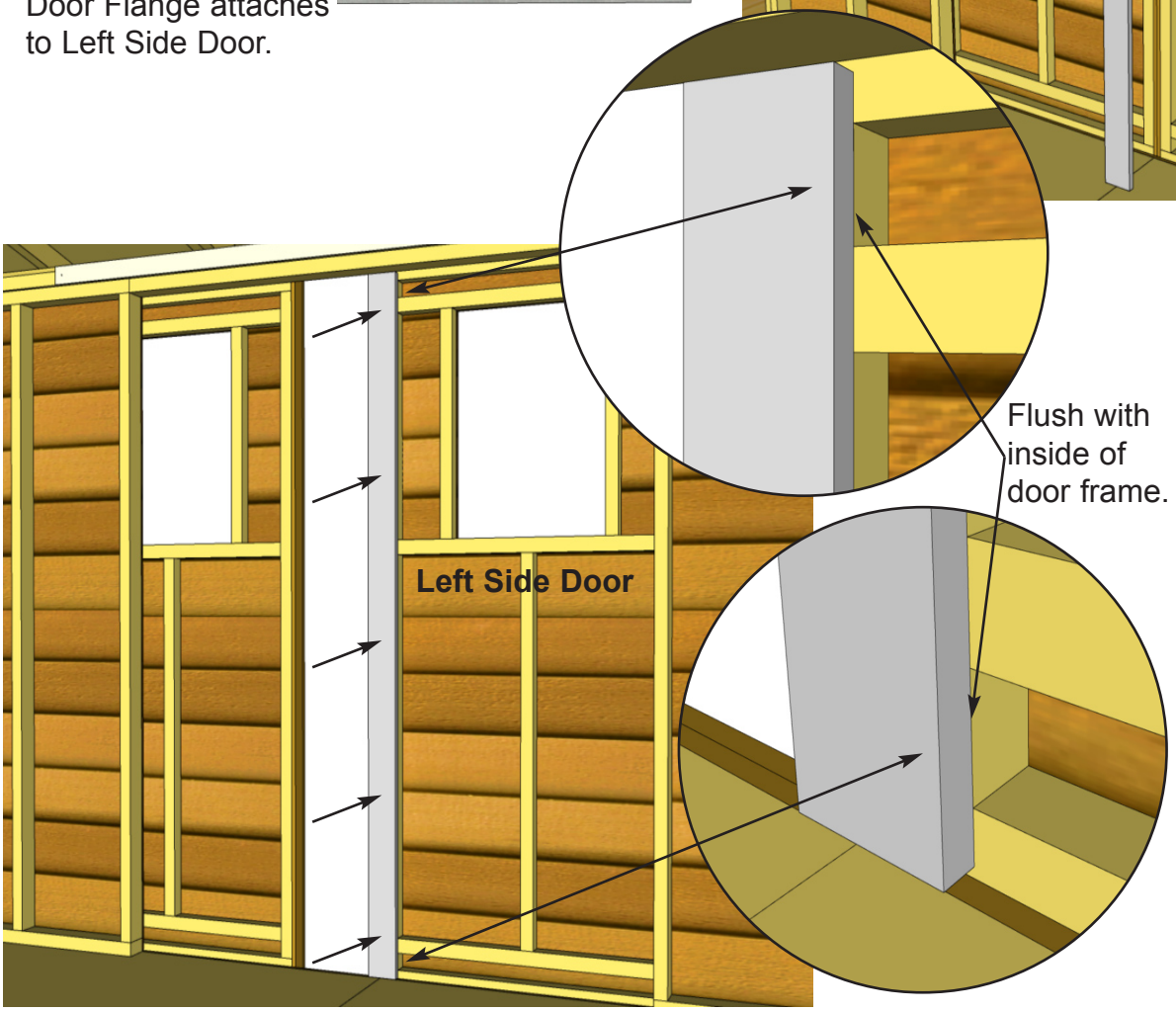




E10. Locate **Door Track Covers**. Lineup so Track Covers are flush with Door Stops. This creates an enclosure so doors can not slide out of the track.Secure each piece of Track Cover with **4 - 2 1/2"Screws**.	<u>Parts</u> **Lower Door Track Cover** (3/4" x 3 1/2" x 44 1/4") **x 3**	<u>Hardware</u> **2 1/2" Screws** x 12 total

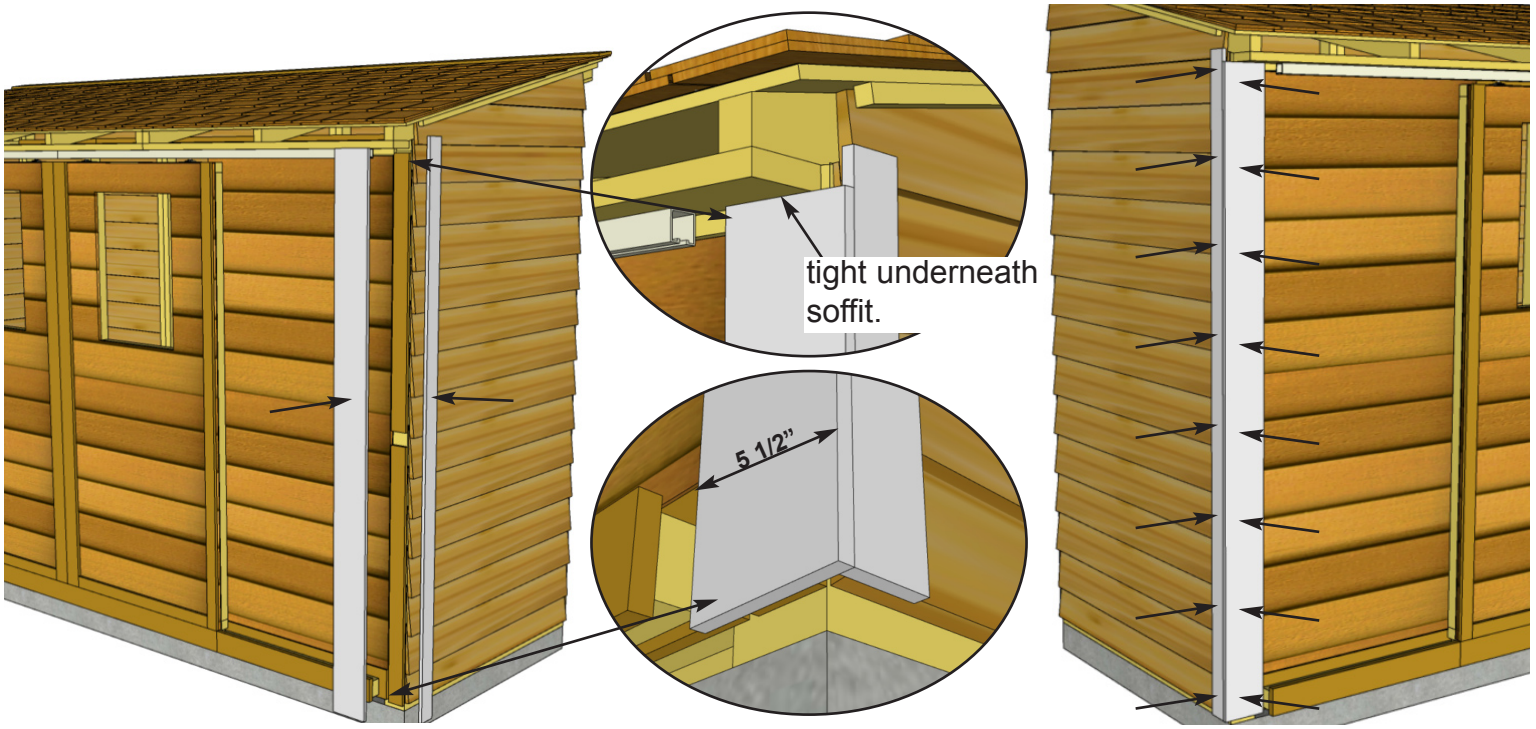






E11. Position **Interior Door Flange** on the rear of the left side door (when viewed from the front of the shed). Ensure flange is flush with the inside of the door frame and attach with **5 - 1 1/4" Screws**.

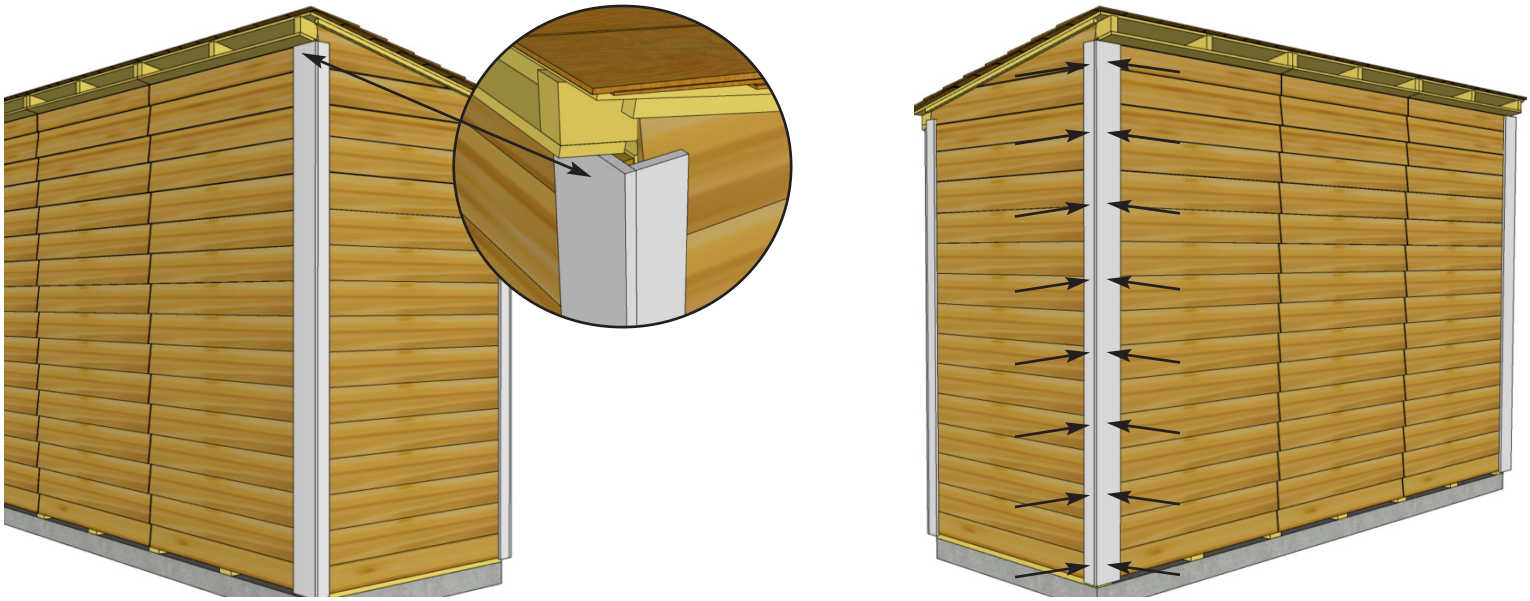
Parts
Interior Door Flange (3/4" x 3 1/2" x 71") **x 1**
Hardware
1 1/4" Screws x 5 total



E12. Place **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
Front Corner Trims
(1/2” x 5 1/2” x 78 1/2”) **x 2**
Side Front Corner Trims
(1/2” x 2 1/2” x 80”) **x 2**

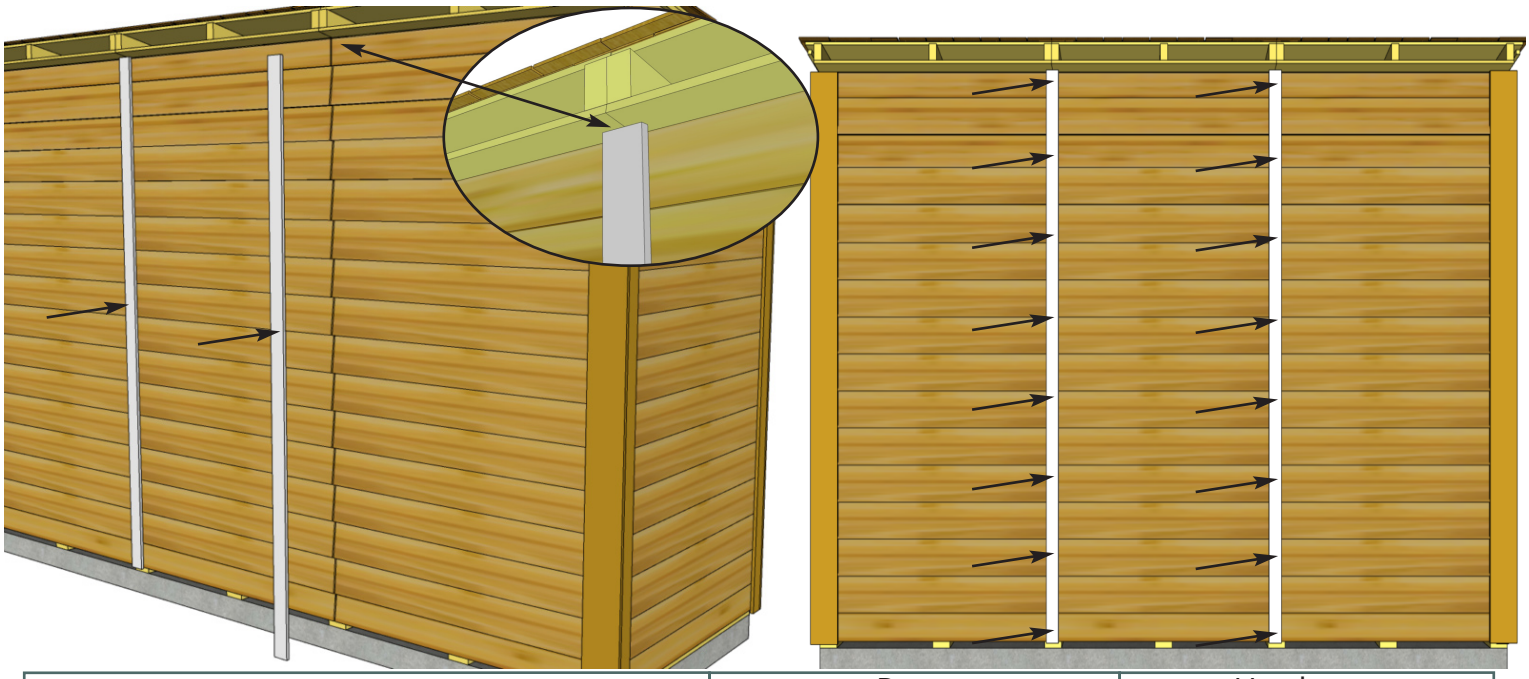
Hardware
1 1/2” Finishing Nails
x 32 total



E13. To complete trimming out rear corners, locate **Rear Corner Trims**. Align and attach as per **Step E12**.

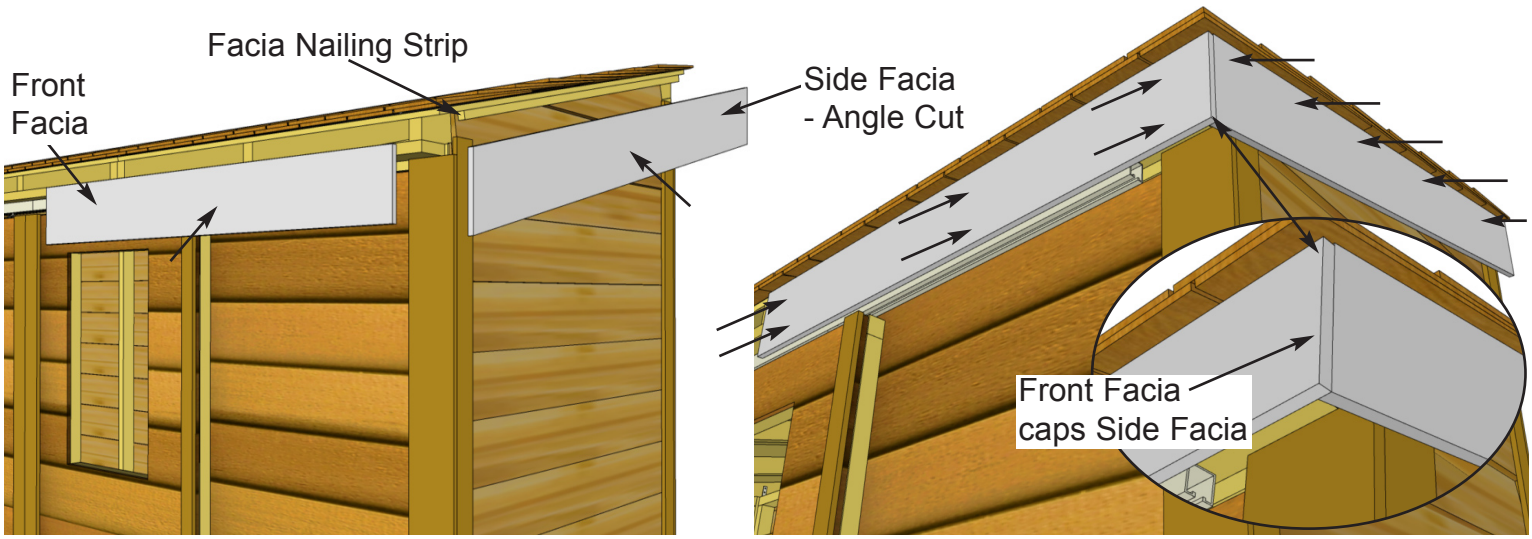
Parts
Rear Corner Trims
(1/2” x 5 1/2” x 88 3/4”) **x 2**
Side Rear Corner Trims
(1/2” x 2 1/2” x 88 3/4”) **x 2**

Hardware
1 1/2” Finishing Nails
x 32 total



E14. Attach **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
Rear Middle Trim (1/2" x 2 1/2" x 88 3/4") **x 2**	**1 1/2" Finishing Nails** x 16 total



E15. Locate one **Side Facia** and one **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 E15 - E18)

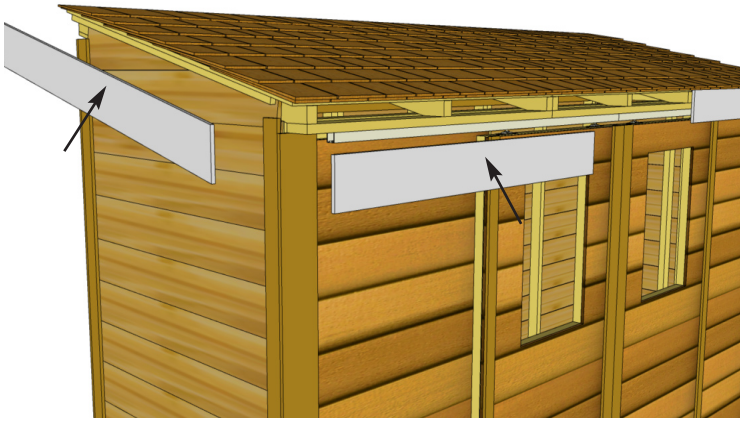
Side Facia - *Angle Cut Ends* (1/2" x 5 1/2" x 54 1/8") **x 2**

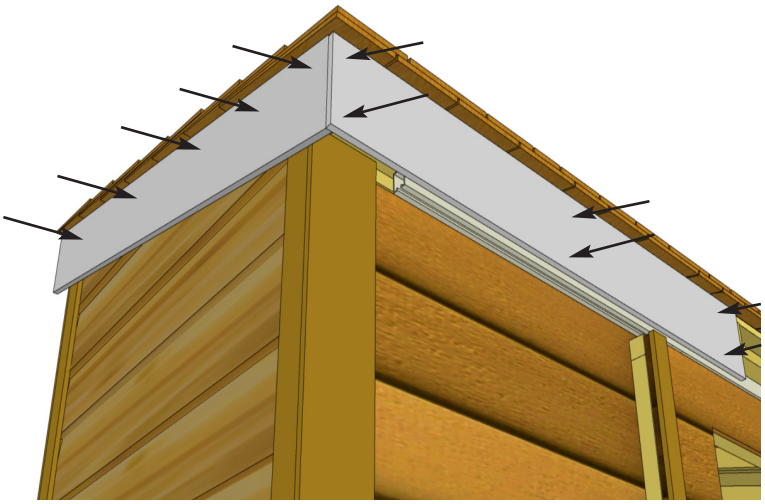
Front & Rear Facia - L/R (1/2" x 5 1/2" x 50 1/2") **x 4**

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

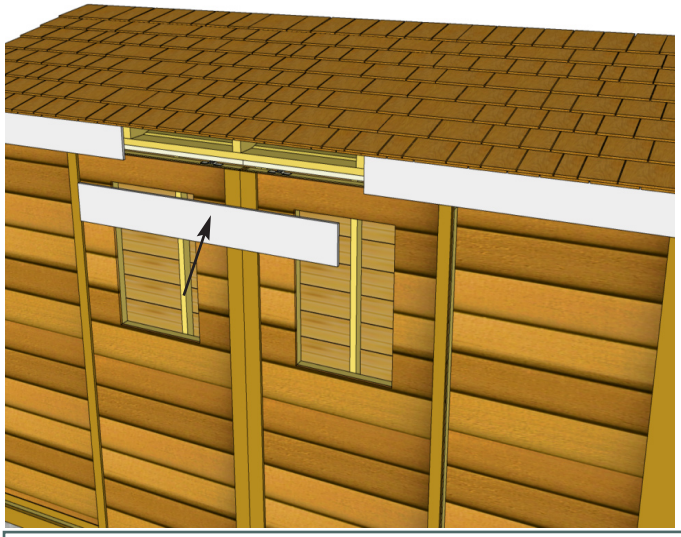
Hardware (Steps E15 - E18)

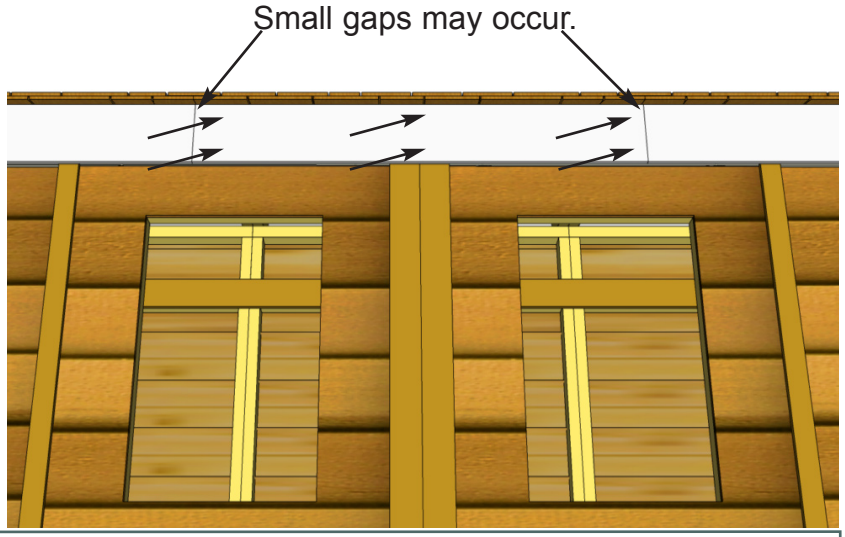
1 1/2" Finishing Nails x 46 total



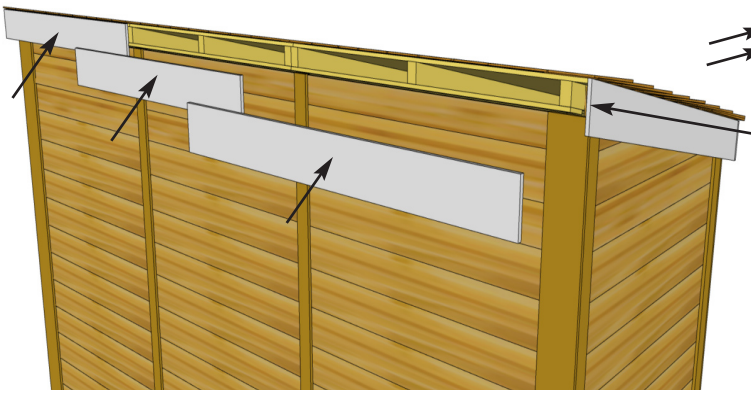


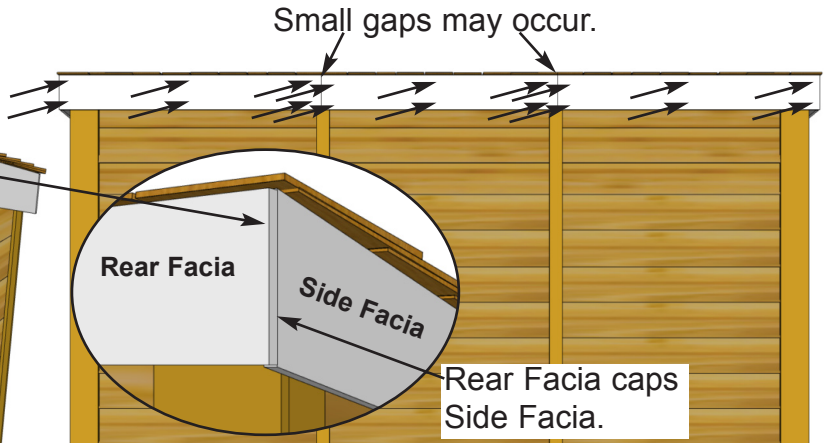
E16. Attach other Front and Side Facia to opposite corner as per **Step E15**.



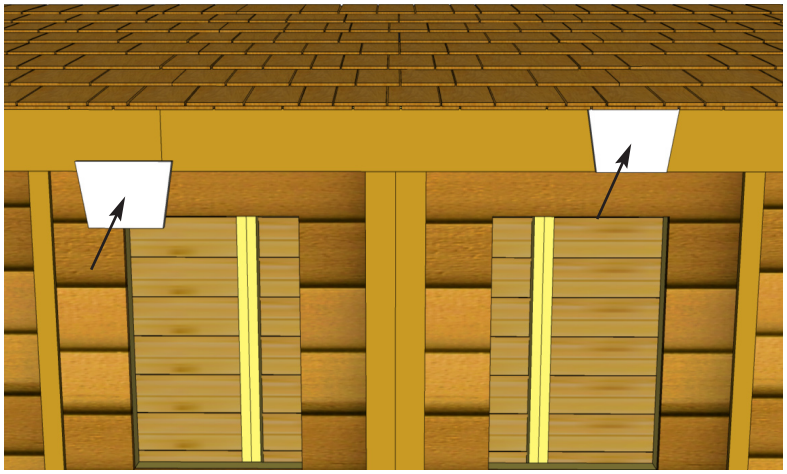


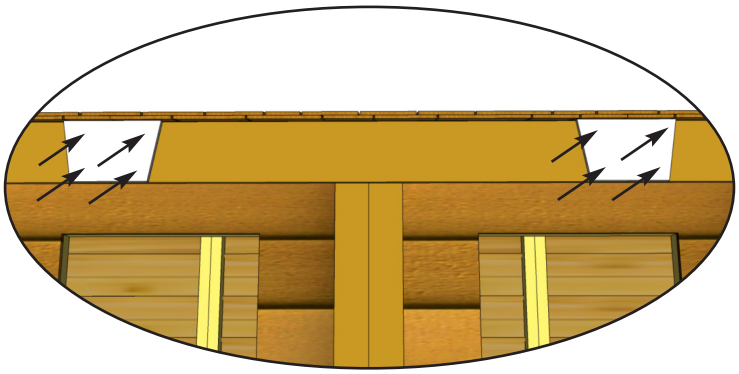
E17. Attach **Front Facia - Center** to rafter ends as shown above. Small gaps may occur between the Center and Left/Right Facia, but these will be covered by Facia Detail Plates in **Step E19**. Attach with **2 - 1 1/2" Finishing Nails** per rafter end.

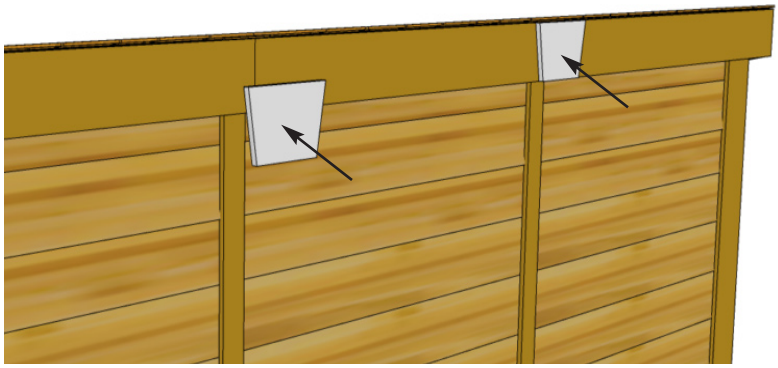


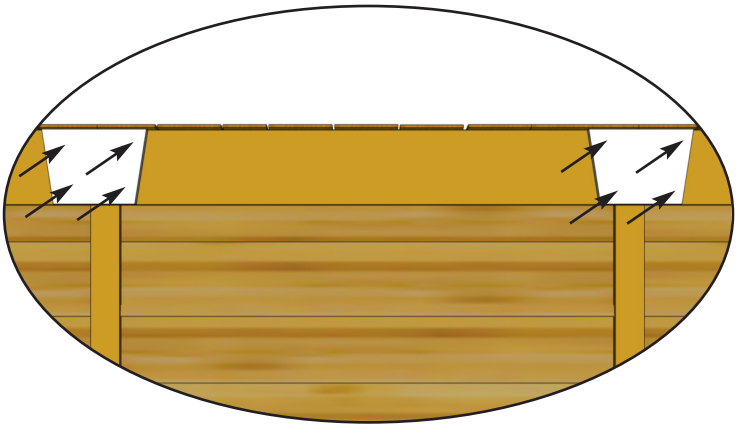


E18. Attach **Rear Facia** onto rafter ends as per **Steps E15 - E17**. Small gaps may occur between the Center and Left/Right Facia, these will be covered by Facia Detail Plates in **Step E19**. Rear Facia will cap the side Facia. Attach Rear Facia to rafter ends with **2 - 1 1/2" Finishing Nails** per rafter end.

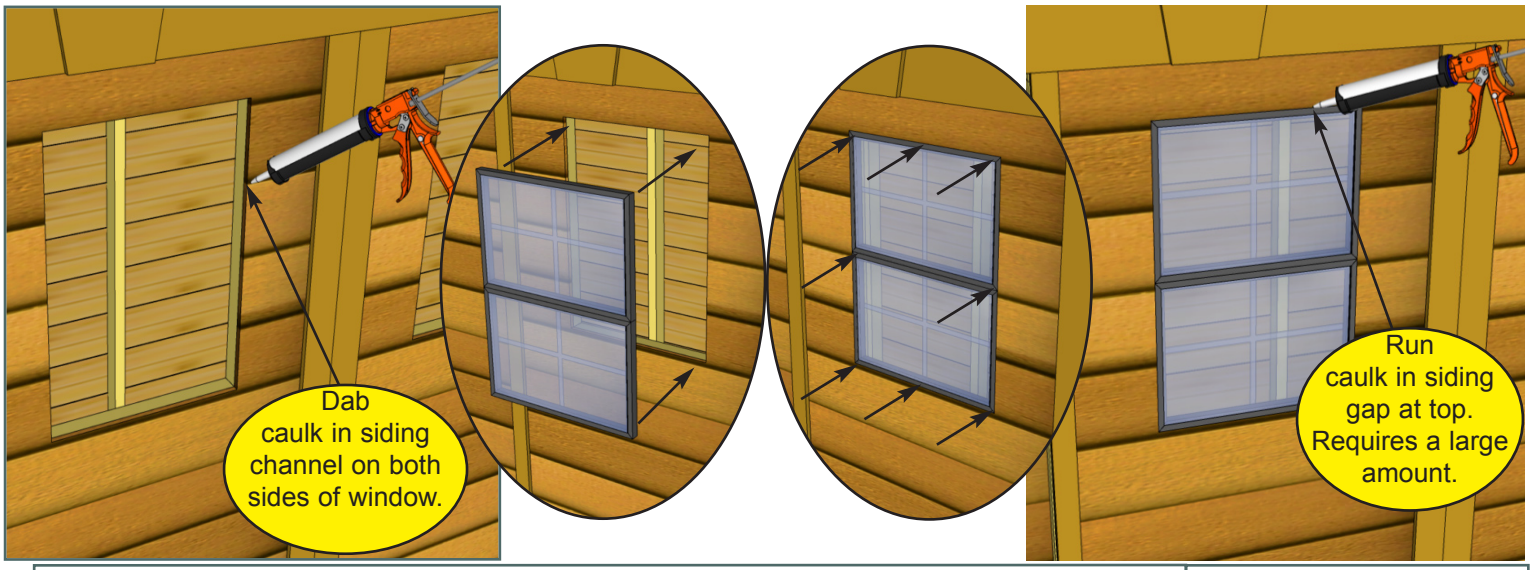






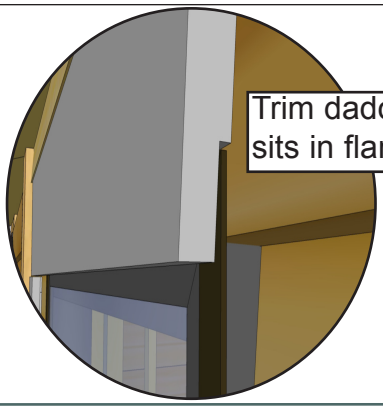


E19. Attach **Facia Detail Plates** to cover seams where Front and Rear Facia pieces meet. Secure with **4 - 1 1/2" Finishing Nails** per piece.	Parts **Facia Detail Plates** (5 1/2" high) **x 4**	Hardware **1 1/2" Finishing Nails** x 16 total



E20. Locate **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 **Window Inserts** (18 1/4" x 23") **x 2**	Hardware **1 1/4" Screws** x 16 total









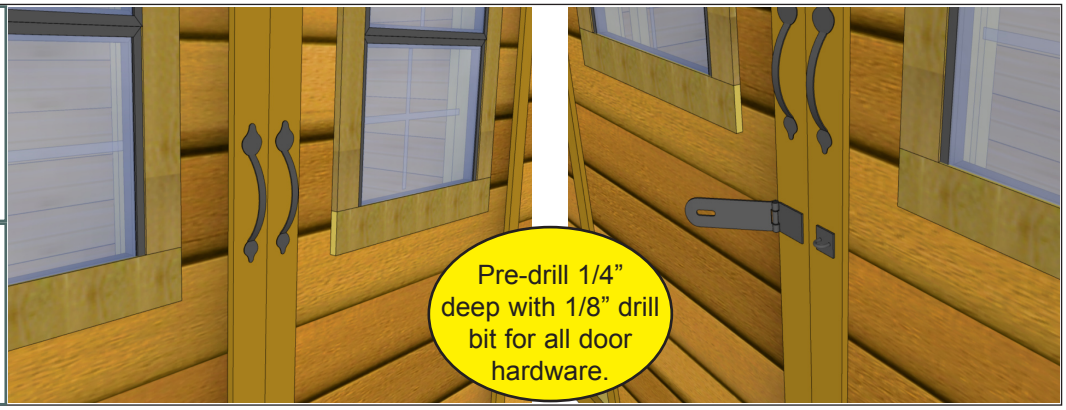
E21. Position **Window Trim** around window doing a dry run first and attach with **4 - 1 1/2" Finishing Nails** per piece. Window trim has a small dado on reverse face. Outside flange of window will roughly sit in the dado to give a better fit. Complete both windows the same.

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

Hardware
1 1/2" Finishing Nails x 32 total

E22. Attach **Door Handles** and **Black Hasp.** Handles and Hasp are positioned on wide door trim and mounted with **3/4" Black Screws**.

Hardware
Door Handles x 2 total
Black Hasp x 1 total
3/4" Screws x 16 total



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Congratulations on assembling your 12x4 Space Saver!

Note: Our Sheds are shipped as an unfinished product. If exposed to the elements, the lumber will weather to a silvery-gray color. If you prefer to keep the 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 constructing our **12x4 Space Saver** 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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