# 8x4 SpaceSaver Garden Shed - Double Door - FJ - Metal Roof Assembly Manual

Revision #2.4
Mar 31, 2022

STOCK CODE #
SS84D-FJ-METAL

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

**Please be aware that it is the customers' sole responsibility to acquire the necessary building permits and or obtain approval from their local county, municipality or HOA prior to purchasing. Generally, shed structures under 100 square feet do not require permits in most jurisdictions in the United States and Canada.**

**In the event of a missing or broken piece, simply 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.**

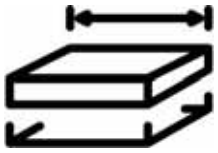
# What to do before my Shed arrives?

- 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.

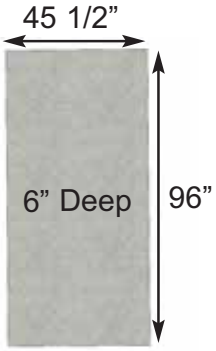


- Decide on the type of foundation you will be using:
  - Concrete slab, or
  - 4-6 inches of crushed gravel with paver stones or 4x4 stringers.

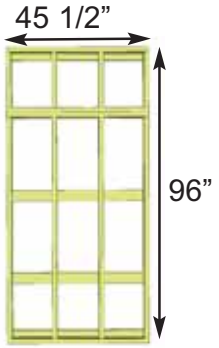
  You can find the footprint for your shed on Page 3 of your Assembly Manual.

- 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 8x4 Garden Shed




**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 96”) or larger.
- 6” Deep foundation.
- 0.6 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**.

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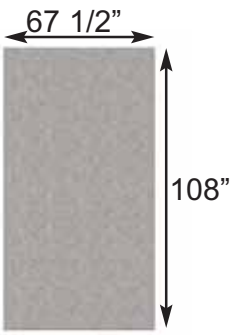
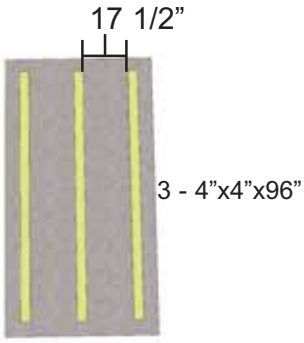



**Gravel Foundation**




**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.
- 1.0 Cubic Yards of gravel required, approximately 9 wheelbarrows.
- 3 - 4x4 Pressure Treated Stringers 8’ long required.
- Evenly spaced, with one at each end of floor frame.

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

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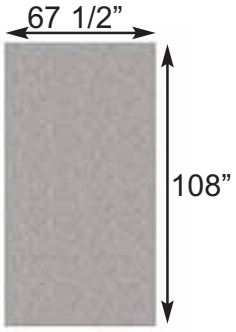



**Gravel Foundation**

15 Patio Stones

**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.
- 1.0 Cubic Yards of gravel required, approximately 9 wheelbarrows.
- 15 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 8x4 SpaceSaver Shed Double Door with Metal Roof**
**Please take the time to identify all the parts prior to assembly.**

# Parts List:

## A. Floor Section

1 - 45 ½" x 75" - **Large Floor Frame** (2 Joists unattached)
1 - 45 ½" x 21" - **Small Floor Frame** (2 Joists ATTACHED)
2 - 1 ½" x 3 ½" x 72" - **Floor Joists**
**(Steps 1 - 2)**

5 - 1 ½" x 3 ½" x 45 ½" - **Floor Runners**
**(Steps 3 - 5)**

1 - 5/8" x 45 ½" x 75" - **Plywood Flooring**
1 - 5/8" x 45 ½" x 21" - **Plywood Flooring**
**(Steps 6 - 8)**

## B. Wall Section

4 - 1 ½" x 2 ½" x 45 ½" - **Wall Plates**
4 - 45 ½" x 75" - **Wall Panels**
2 - 12" x 73" - **Narrow Wall Panels**
**(Steps 9 - 18)**

2 - 2" x 3 3/8" x 6 ½" - **Door Headers - Short (Dado on edge)**
1 - 2" x 3 3/8" x 78" - **Door Header - Long**
Dado cut on edge- Aluminum Support Strip Attached
2 - 1 ½" x 3 3/8" x 73" - **Door Jambs - Vertical**
**(Steps 19 - 21)**

2 - **Top Triangular Siding Pc for Angle Wall Extendors (L/R)**
2 - 45 ¼" - **Angle Wall Extendors (L/R)**
2 - 9" x 45 ½" - **Wall Extendors**
**(Steps 22 - 28)**

1 - ¾" x 3 ½" x 70" - **Horizontal Wall Cleat**
1 - ¾" x 3 ½" x 21" - **Horizontal Wall Cleat**
**(Step 29)**

## C. Rafter & Roof Section

6 - 1 ½" x 2 ½" x 54" - **Rafters**
2 - ½" x 3 ½" x 48" - **Front Soffit**
2 - ½" x 3 ½" x 48" - **Rear Soffit**
**6** - 3/4" x 3 1/2" x 50" - **Roof Battens**
4 - 3/4" x 1 1/2" x 21 1/2" - **Batten Spacers**
**(Steps 31 - 40)**

2 - **Rafter/Facia Nailing Plates** - ¾" x ¾" x 51"
**(Step 41)**

3 - **Metal Roof Panels** - 39" w x 58 1/2" d
**(Steps 42 - 48)**

**Foam Enclosures** - Several Strips
**(Step 47)**

## D. Miscellaneous Section

**(Skirting, Trim, Door, Facia & Misc. Parts)**

6 - ½" x 4 ½" x 45 ¼" - **Bottom Skirting** (Bevel Siding)
**(Steps 49 - 52)**

8 - ¾" x 2 ½" x 36" - **Corner Filler Trims**
2 - ¾" x 2 ½" x 10" - **Rear Center Corner Filler Trims**
**(Steps 53 - 55)**

2 - ½" x 3 ½" x 79" - **Vertical Door Trims**
**(Steps 56 - 57)**

2 - ½" x 5 ½" x 79" - **Front Corner Trims**
2 - ½" x 5 ½" x 88 ¾" - **Rear Corner Trims**
2 - ½ x 2 ½" x 80" - **Side Front Corner Trims**
3 - ½" x 2 ½" x 88 ¾" - **Side Rear Corner & Middle Trims**
**(Steps 58 - 61)**

1 - ½" x 1 ¼" x 64" - **Horizontal Door Trim**
2 - ½" x 2 ½" x 8 ½" - **Horizontal Narrow Wall Trims**
**(Step 62)**

2 - 31 ½" x 72" - **Full Doors**
**(Steps 63 - 67)**

2 - ½" x 4" x 54 1/8" - **Side Facia** (Angle Cut Ends) - reverse
4 - ½" x 4" x 50 ½" - **Front and Rear Facia**
**(Steps 68 - 70)**

2 - 6" x 60" angled - **Rear Metal Drip Caps**
**(Step 71)**

1 - **Detail Facia Plate** (4" high)
**(Step 72)**

2 - ½" x ½" x 28 7/8" - **Upper Interior Door Trims**
4 - ½" x ½" x 35 7/8" - **Side Interior Door Trims**
**(Steps 73 - 74)**

1 - 1 ½" x 2 ½" x 6" - **Upper Door Stop**
1 - ¾" x 2 ½" x 64" - **Lower Door Stop /Floor Threshold**
**(Steps 75 - 76)**

1 - 1/2" x 2 ½" x 70" - **Interior Vertical Door Flange**
**(Steps 77 - 78)**

1 - 45 ¼" - Extra Piece of Bevel Wall Siding - Use if wall panel siding is damaged or to shim floor or door.

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

# 8x4 SPACESAVER DD - METAL ROOF - HARDWARE PACKAGE

## Hardware Kit (Provided)

3” 7 Pcs.

2 1/2” 161 Pcs.

1 1/4” 138 Pcs.

1/4” x 2” x 14

Metal Roof Screw

2” 38 Pcs.

Black Headed

x 1

1/4” Nut Driver

3/4” 24 Pcs.

Black Headed

1 1/2” 245 Pcs.

Finishing Nail

Metal Roof Hanger x 3

Y2 - 90° Metal Bracket (Roof) x 4

x 1

Square Drive Bit

Tee Hinge x 6

Door Handle x 2

Drop Latch

Cane Bolt

Silicon Caulking (1)

## Tools Required (Not Provided)

Hammer

Screw Gun/Drill

Tape Measure

Wood Clamp

Utility Knife

Level

Pliers

Silicone Caulking

Ladder

1/8” & 1/2” Drill Bits

## Safety Equipment Required (Not Provided)

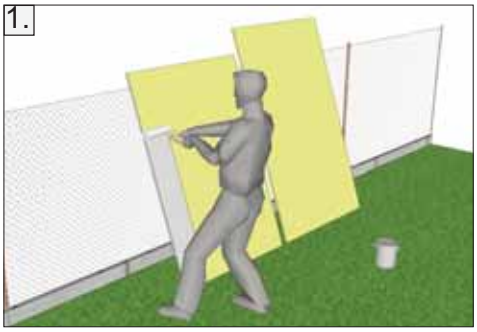
Safety Glasses

Work Gloves

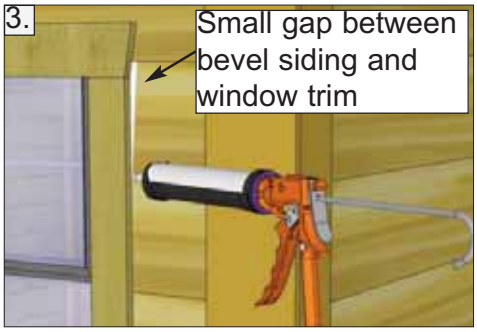
# Regular Maintenance & Tips to prolong the life of your shed.

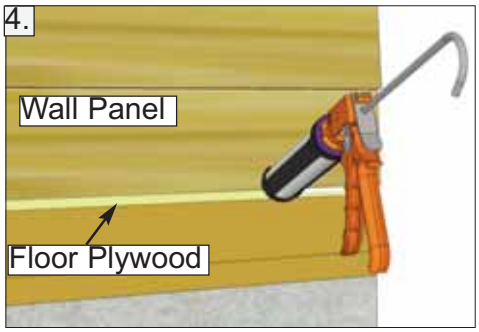
**Before/During Assembly:**

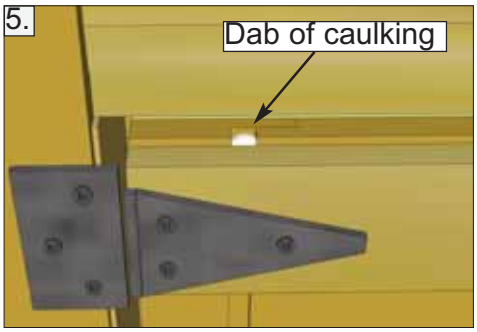
1.) Paint each face and edge of your plywood floor with a latex exterior paint.
2.) Caulk wall seams if gaps appear.
3.) Caulk around window framing (if applicable).
4.) Caulk perimeter between floor plywood and bottom wall plate.
5.) Caulk channels in lap siding at the top of your door above the trim, 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.



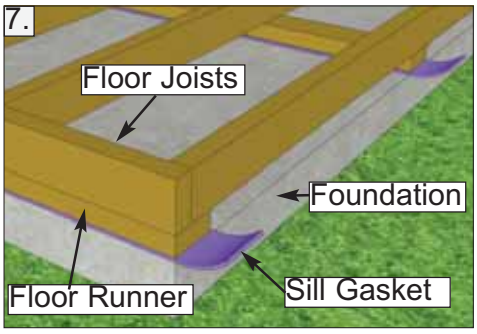










**Routine Maintenance:**

- 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.

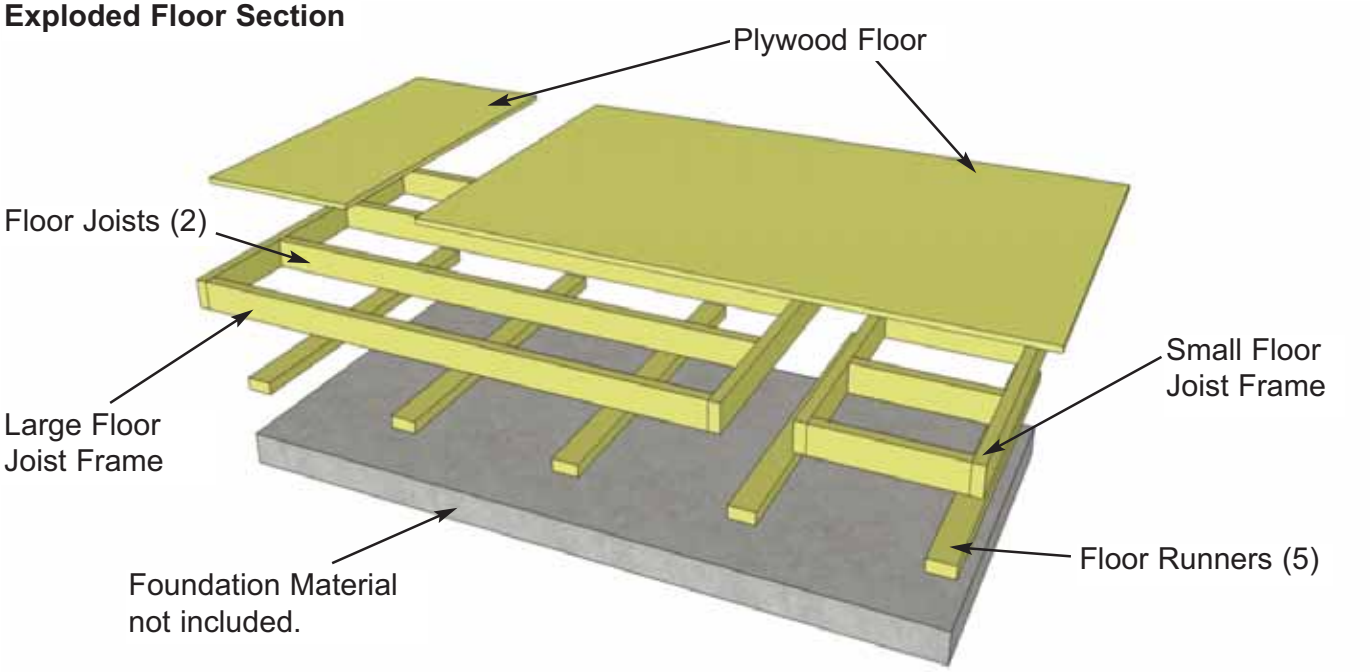
**Painting/Staining**

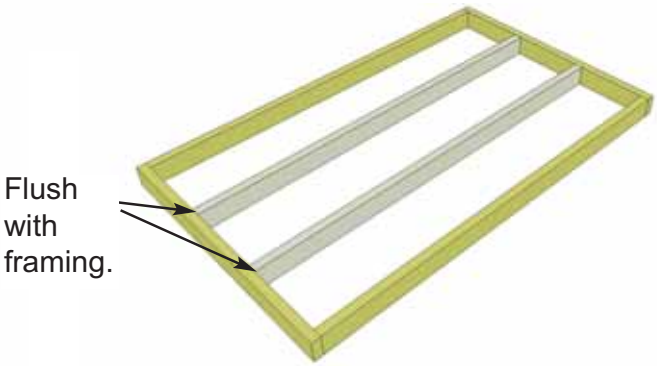
- Your cedar shed, if left untreated, will weather to a silvery grey colour.
- Painting or staining your structure is highly recommended and will prolong the life of your shed.
- You do not need to wait to paint or stain your shed, the wood in your kit has been dried and can be stained or painted immediately.
- 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

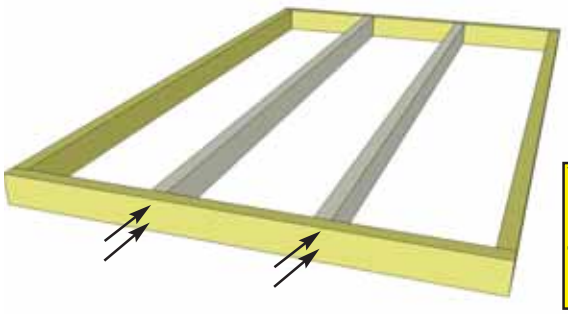
**Exploded view of all parts necessary to complete Floor Section. Identify all parts prior to starting. Note: Floor Footprint is 96" wide x 45 1/2" deep.**

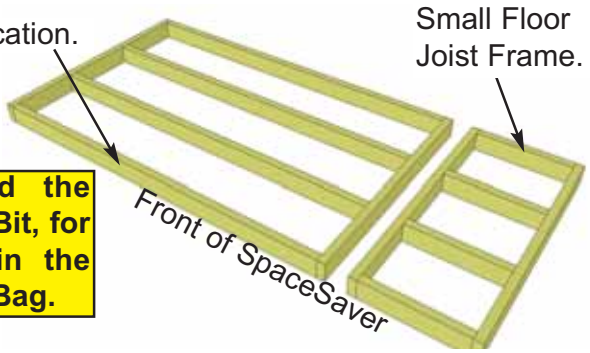
**Exploded Floor Section**



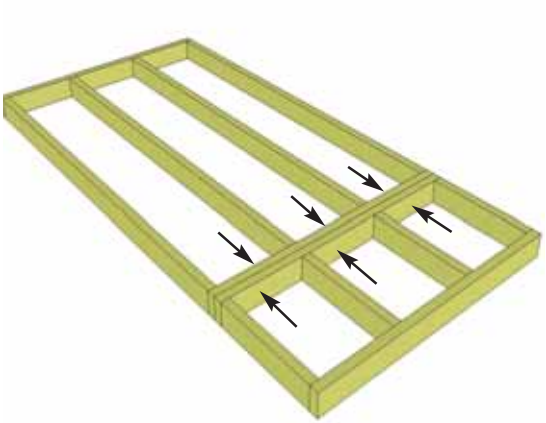

**1.** Lay out **Large Floor Joist Frame** and **2 Floor Joists** (1 1/2" x 3 1/2" x 72") as illustrated above. Position Joists equally in Floor Joist Frame. Use **Small Floor Joist Frame** as a template to determine joist position. Position Joist so flush with framing.



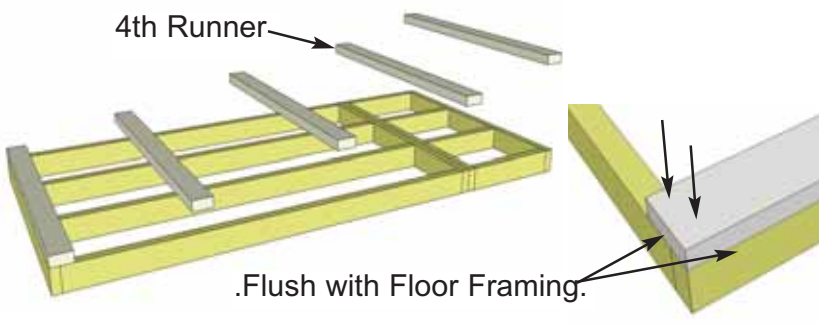



**You can find the Square Drive Bit, for the screws, in the Hardware Kit Bag.**

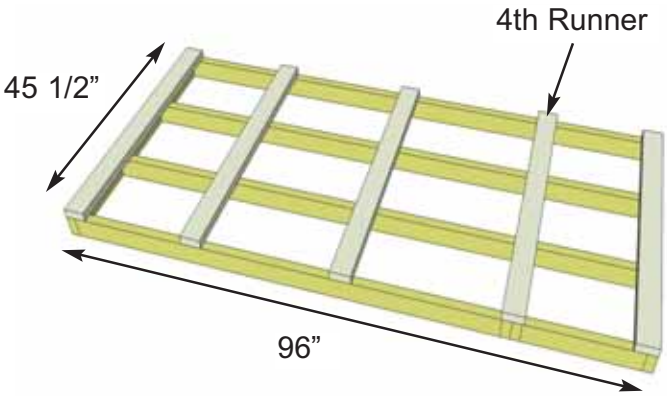
**2.** When correctly positioned, attach each Joist with 4 - 2 1/2" screws (2 per end). **You can find the Square Drive Bit for the screws in with the Hardware Kit Bag.**

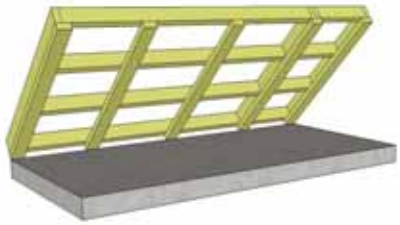


**3.** With Floor Joist Frames positioned together flush, attach with 6 - 2 1/2” screws.

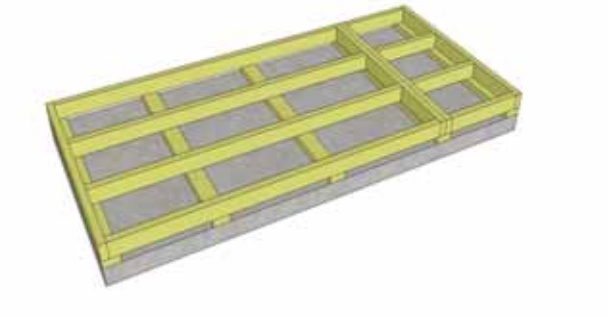



**4.** Position and attach **Floor Runners** (1 1/2” x 3 1/2” x 45 1/2”) to completed floor frames with 6 - 2 1/2” screws per Runner. Make sure Runners are flush with outside of floor framing but not overhanging. Make sure 4th Runner is placed equally over seam where floor frames meet.

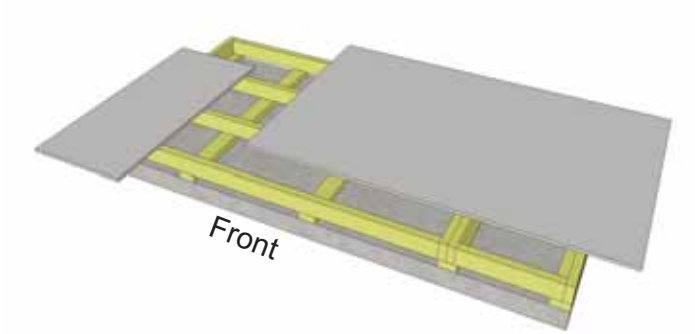


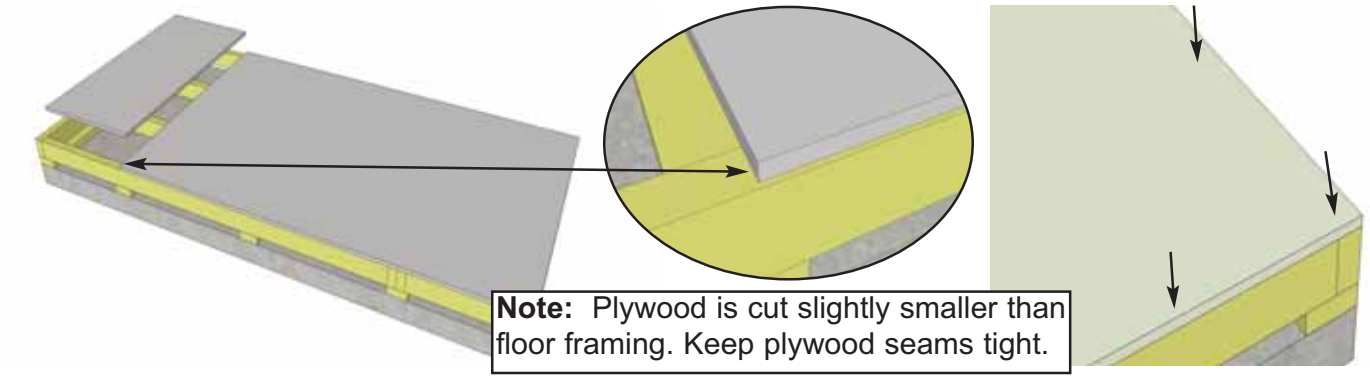
**5.** With Floor Runners attached, carefully flip the floor over and place on your foundation. **Caution -** you may need 2 people to assist you. Be careful when laying floor down not to bend or twist floor. **Note:** The floor will be flipped over and floor runners will sit on your foundation. It is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



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




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

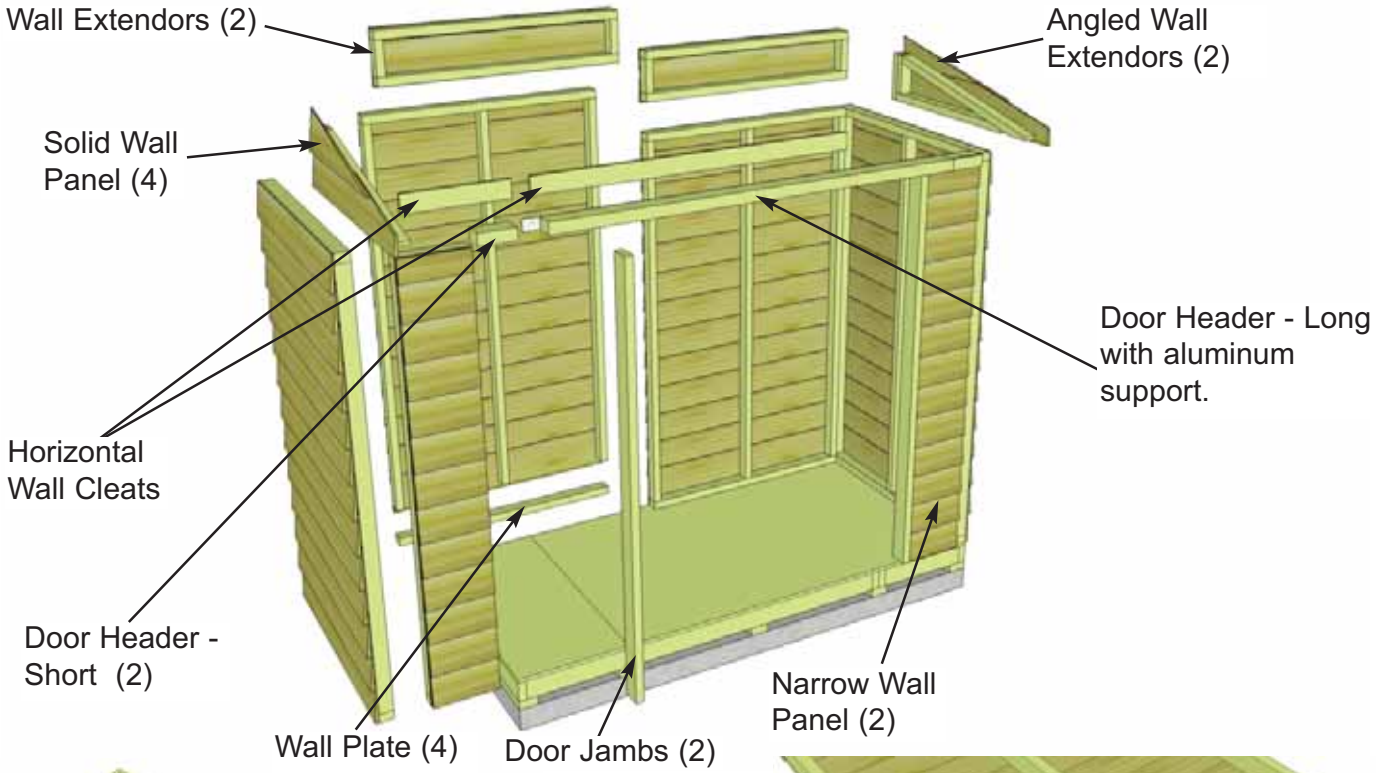


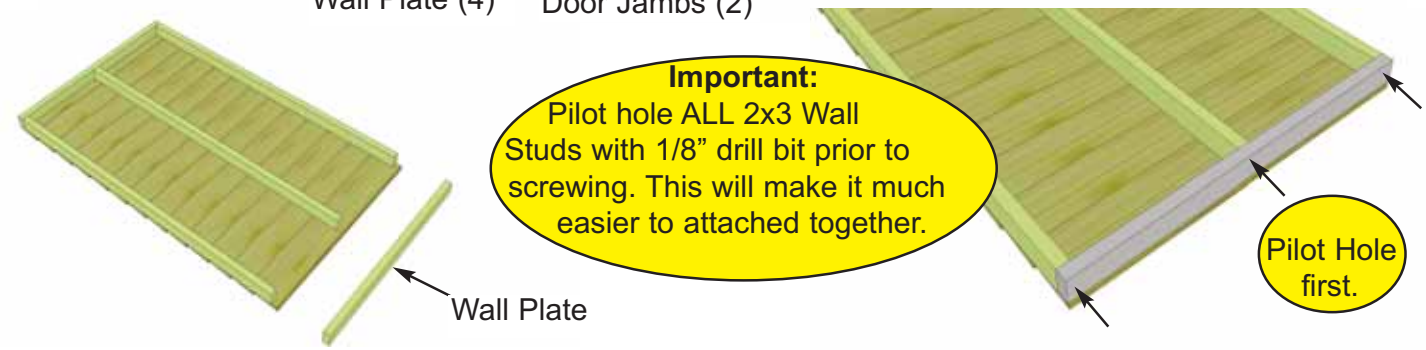
**Note:** Plywood is cut slightly smaller than floor framing. Keep plywood seams tight.

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

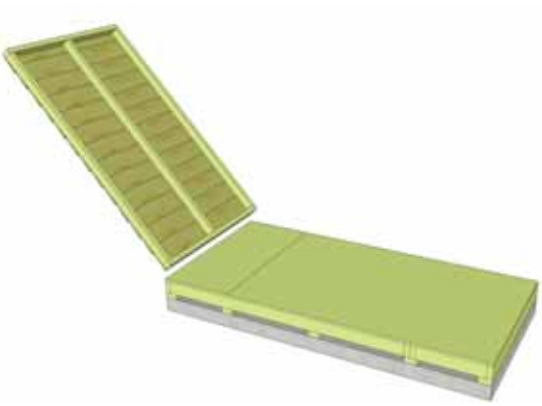
# B. Wall Section

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

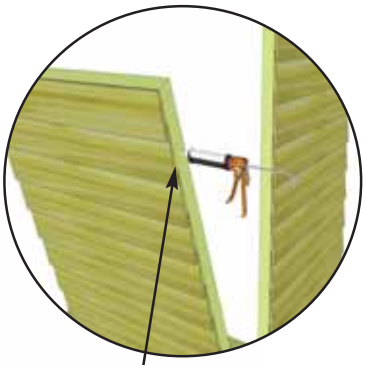



**9.** Locate 4 **Solid Wall Panels** and 4 **Wall Plates** (1 1/2" x 2 1/2" x 45 1/2"). Attach Plates to bottom of studs of each wall panel with 3 - 2 1/2" screws. Position so plates are flush with framing.

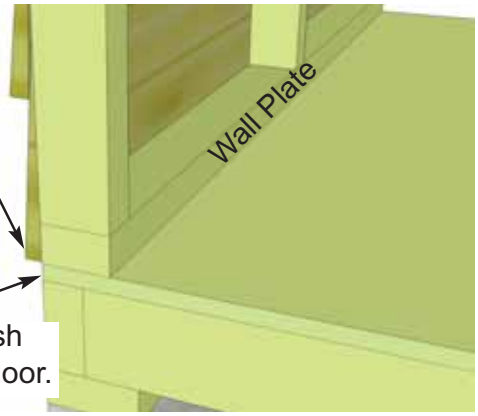


**10.** Starting on side, position a **Solid Wall Panel** on top of plywood floor. The Wall Panel bottom framing will sit flush with floor framing. Wall siding will overhang the floor. **Important:** Make sure all walls are aligned in their upright position. If not, water may leak into your shed. Unsure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



**Optional**- Caulking seams will help prevent moisture from entering your shed. Caulking not included in kit.

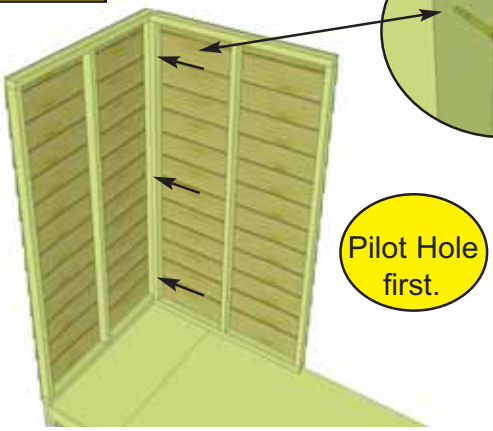
Do not align wall siding to floor. Align wall plate to outside of plywood floor.

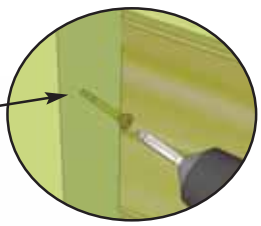



Wall Plate Flush with plywood floor.

**11.** Outside 2x3 framing of wall panel should be flush with outside of floor framing when properly aligned. **Note:** Do not align wall siding to floor. Align wall plate to outside of plywood floor. When positioned correctly, locate 2nd Solid Wall Panel and place in corner.

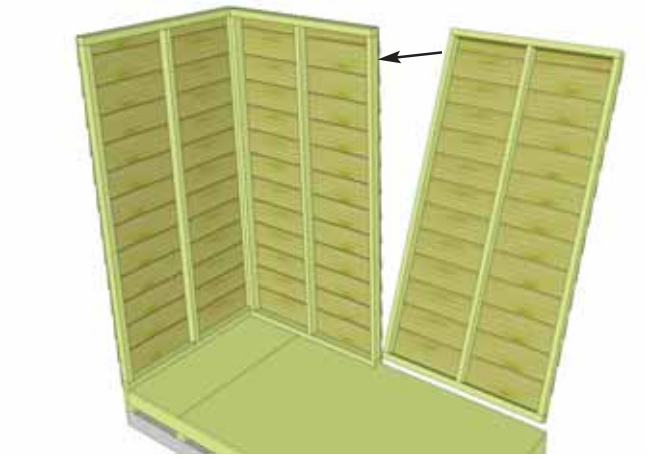
**Do Not Attach Walls To Floor until Step 30.**

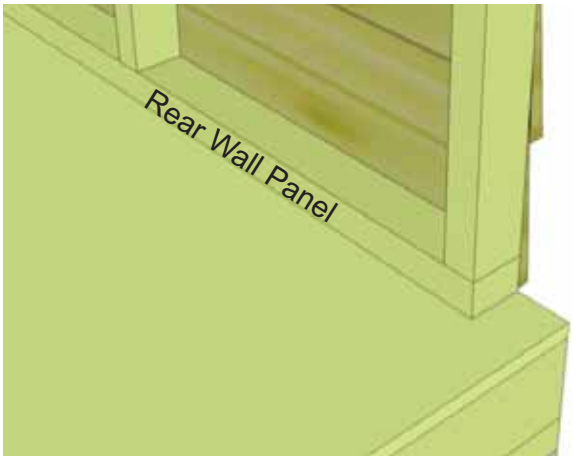


Pilot Hole first.

**12.** 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. Have helper push wall framing together while securing to ensure tight fit. **Note: Drill pilot holes in studs to prevent splitting**.

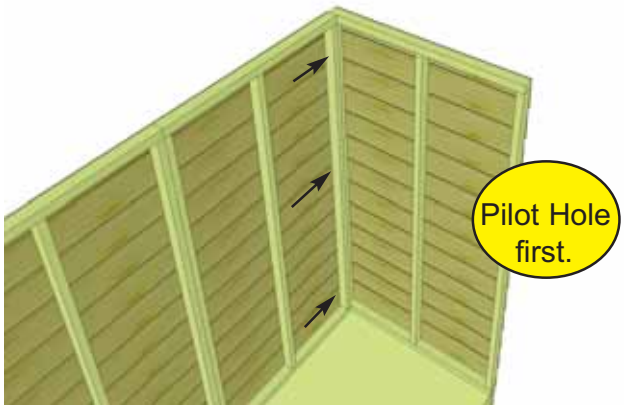


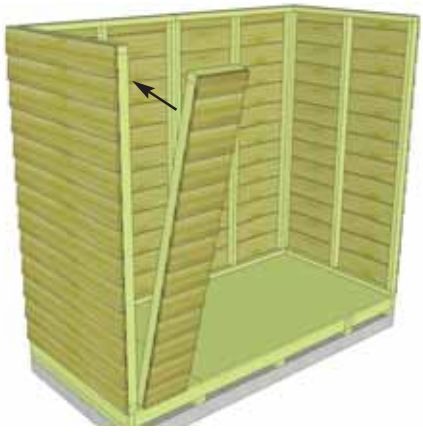

**13.** With the corner wall attachment complete, position the second rear wall panel in place so bottom 2x3 wall framing is sitting flush with outside floor framing. Wall siding should overhang floor by approximately 3/4". When positioned correctly, attach both wall panel studs together as per **Step 12** with 3 - 2 1/2" screws.



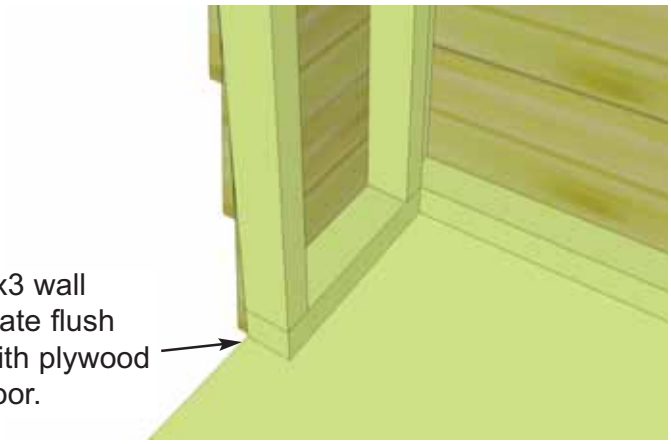

**Do Not Attach Walls To Floor until Step 30.**

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

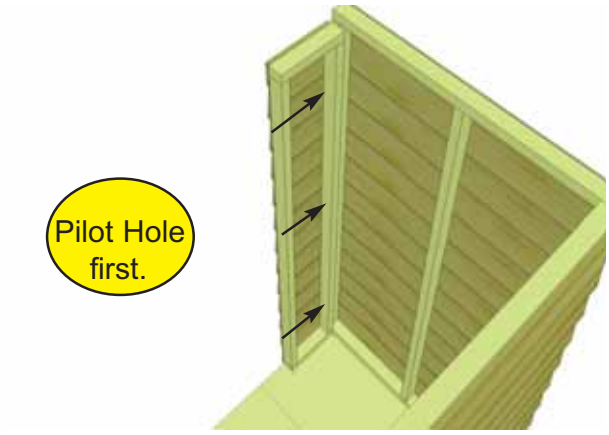


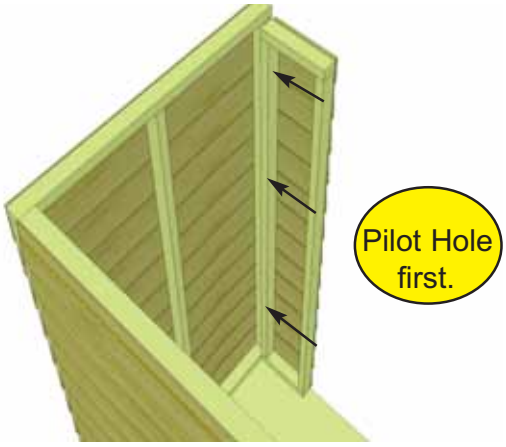
**15.** Secure side wall panel to rear wall panel as per **Step 12**. Next, locate a **Narrow Wall Panel** and position in front corner.



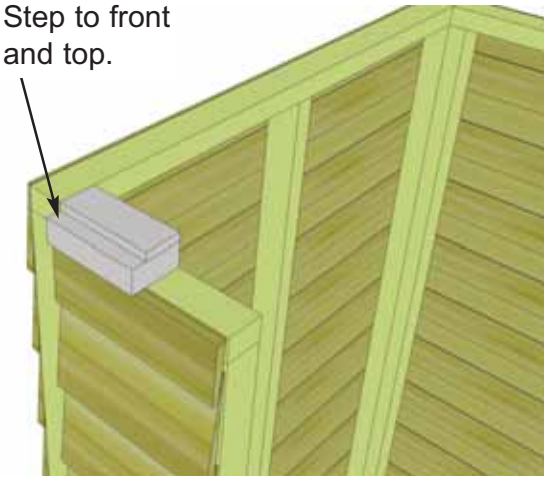

**16.** Once again position the 2x3 wall plate so it sits flush on floor and siding overhangs. **Note:** Narrow Wall Panel is only 73" high.

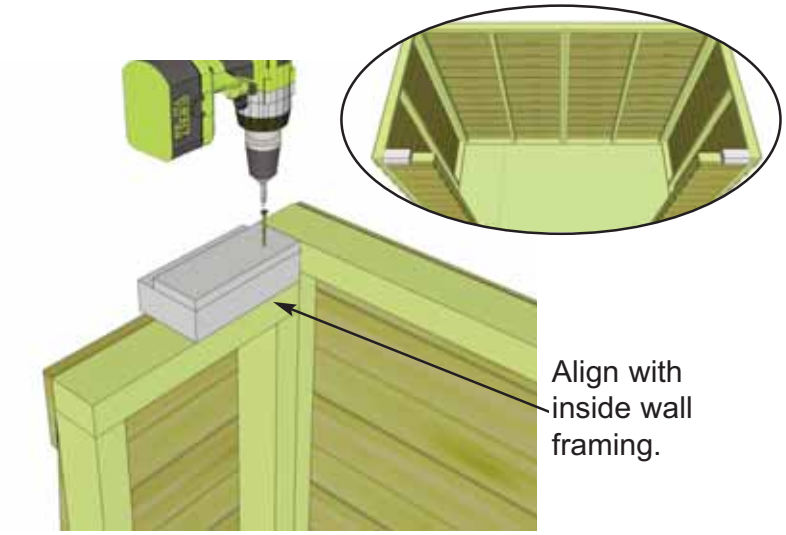



**17.** When correctly positioned, secure Narrow Wall Stud to Side Wall Stud with 3 - 2 1/2" screws.

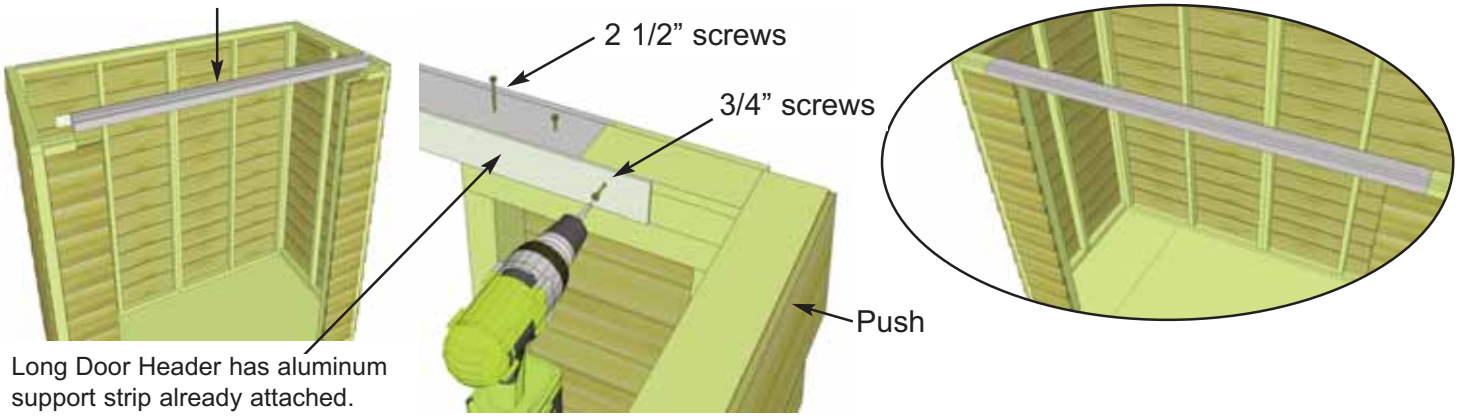



**18.** Complete opposite Narrow Wall as per **Steps 16 & 17.**

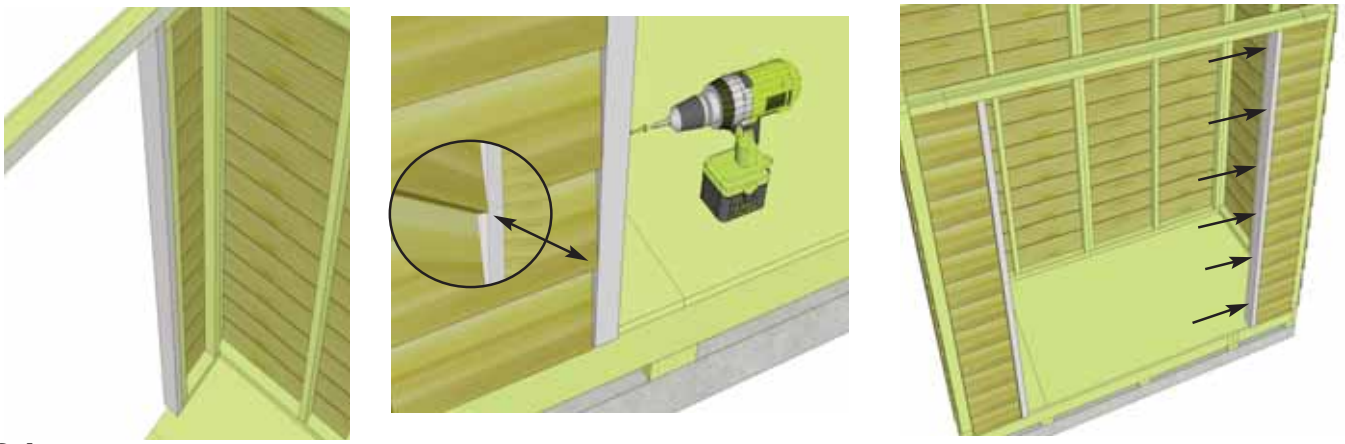



**19.** Locate both **Door Headers - Short** (step facing up and out). Attach both short end pieces using 2 - 2 1/2" screws per piece. Screw from top down into wall framing. Align to inside of wall framing and tight against side wall.

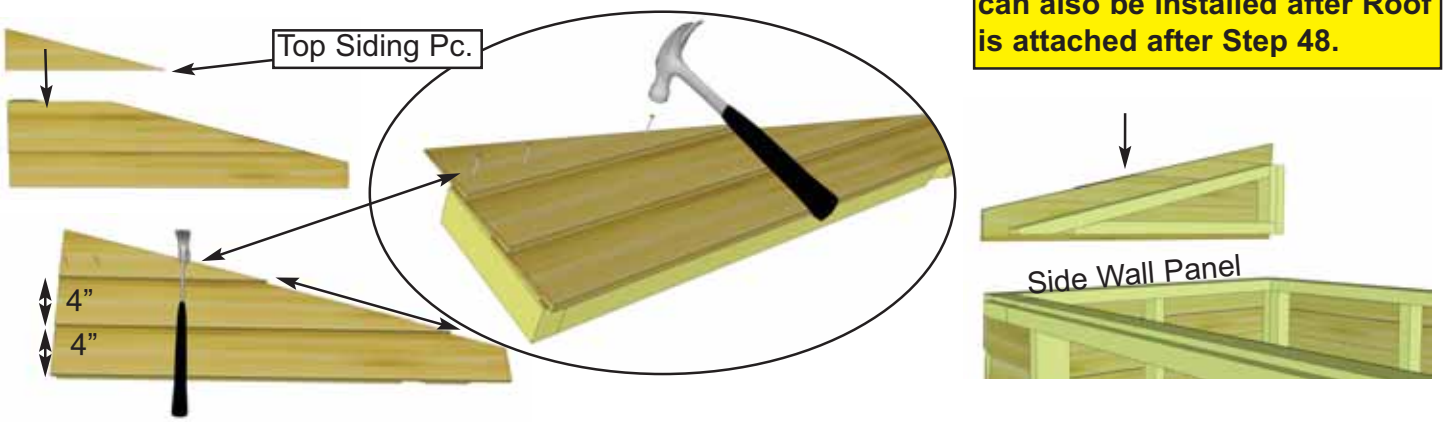



**20.** Locate **Door Header - Long** (2” wide aluminum support attached already). Align step on header facing up and out and with support strip to the inside of shed. Attach using 2 - 2 1/2” screws per end as shown above. **Hint:** Have 2 helpers push Side Walls together to close any gaps between Headers. Complete both sides. Attach support strip to short headers with 2 - 3/4” screws.

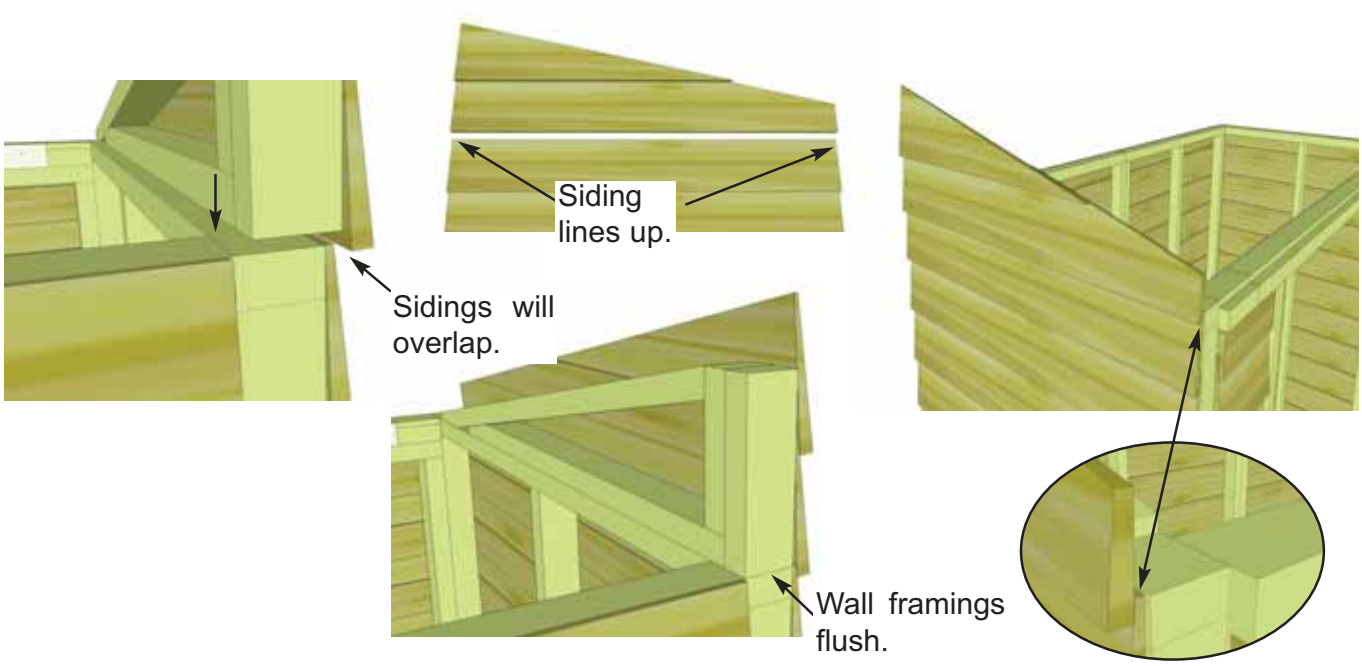


**21.** Locate both **Vertical Door Jambs** (1 1/2” x 3 1/2” x 73”) and position flush against front narrow wall stud. The Jamb will sit flush to outside of wall siding**.** When positioned correctly, secure Jamb using 6 - 2 1/2” screws. Complete both sides.

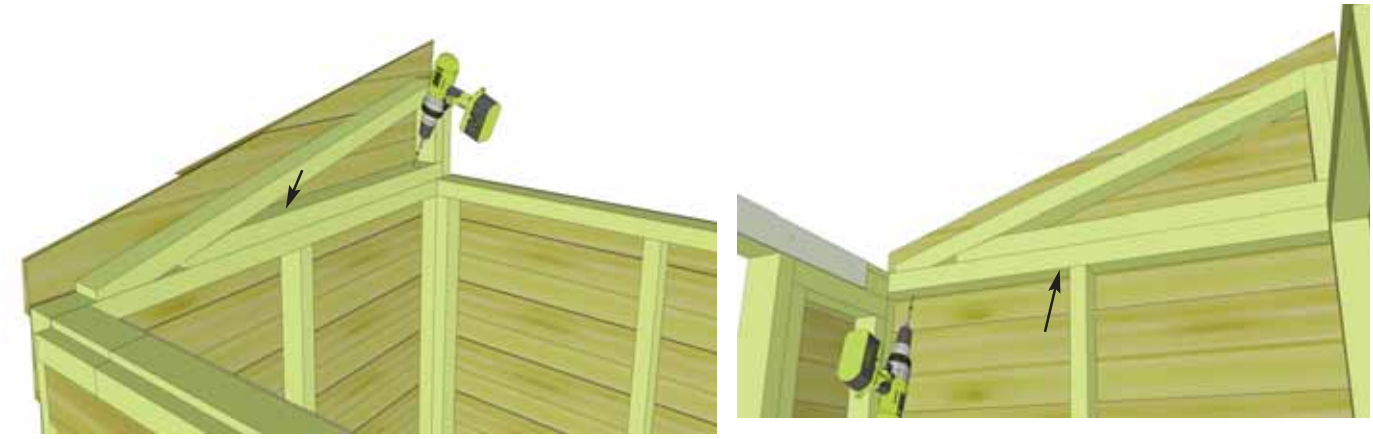
**Top Siding Pc. for Angle Wall can also be installed after Roof is attached after Step 48.**



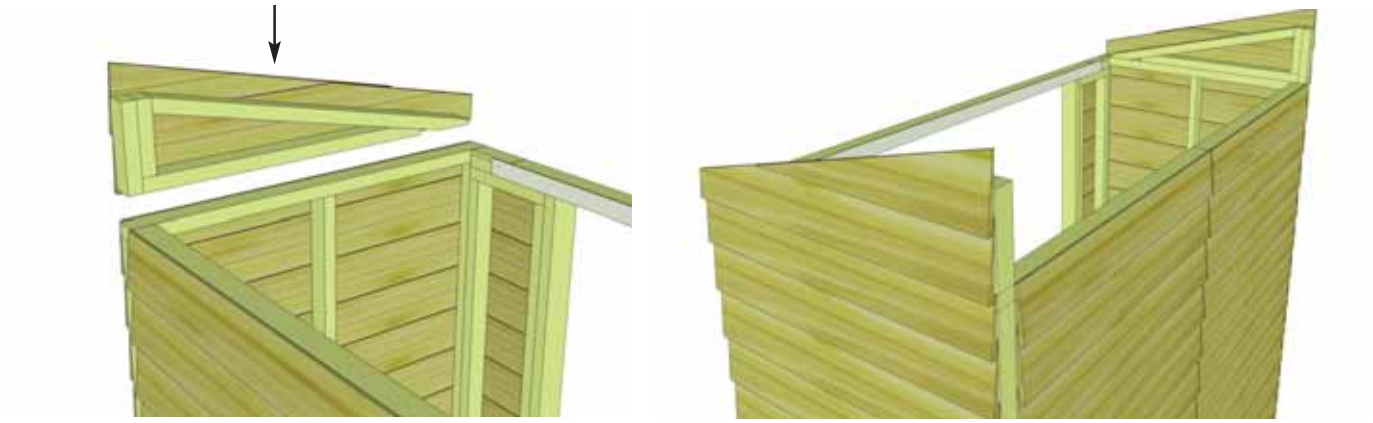

**22.** Locate an **Angled Wall Extendor** and T**op Siding Piece for Angled Wall Extendor (L/R)**. Position top siding on wall extendor and align as shown above. Attach with 3 - 1 1/2” finishing nails to top wall framing. There are left/right top siding pieces. Use rough surface side out.. Place finished wall extendor on side wall panel frame. Complete both sides now. **Note:** Bottom siding of wall extendor will overhang and cover siding of side wall.



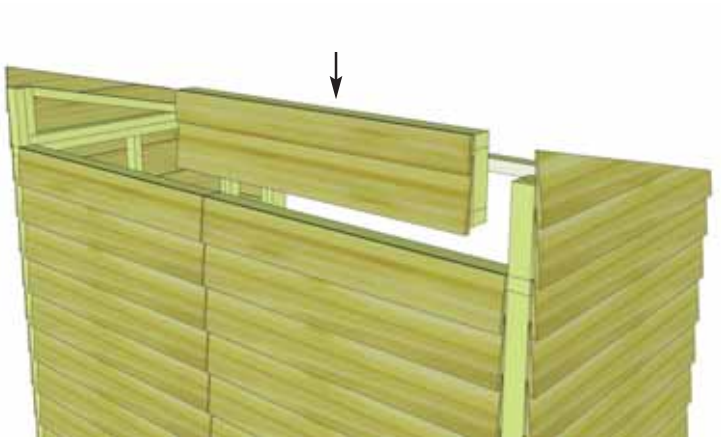

**23.** Align wall framing of Angled Wall Extendor and Side Wall so they are flush at the back. The siding for both walls should also align evenly from front to back.

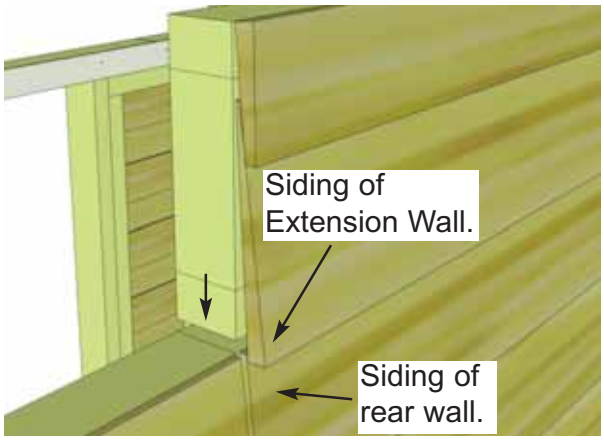


**24.** With Angled Wall Extendor and Side Wall aligned correctly, secure together from the inside with 4 - 2 1/2" screws.

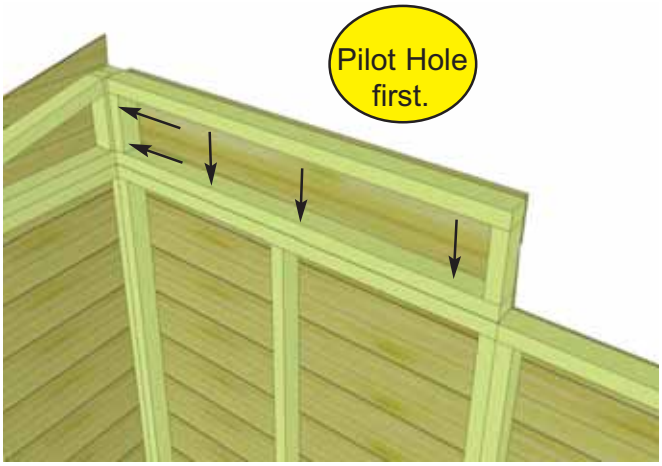


**25.** Complete opposite Angled Wall Extendor positioning and attachment as per **Steps 23 & 24.**

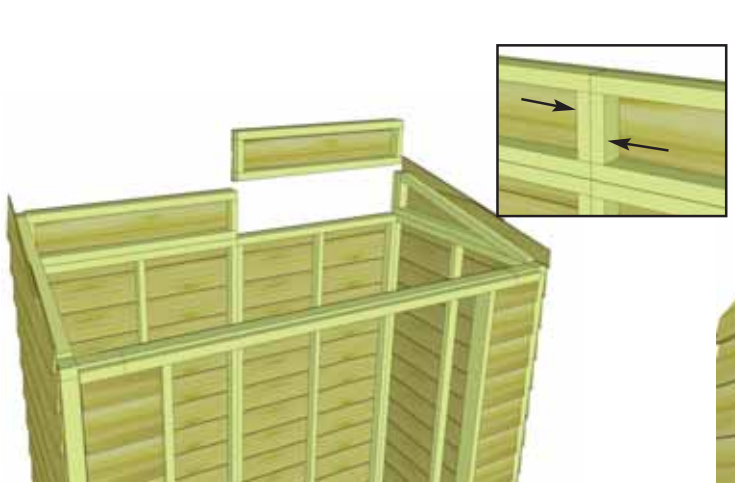




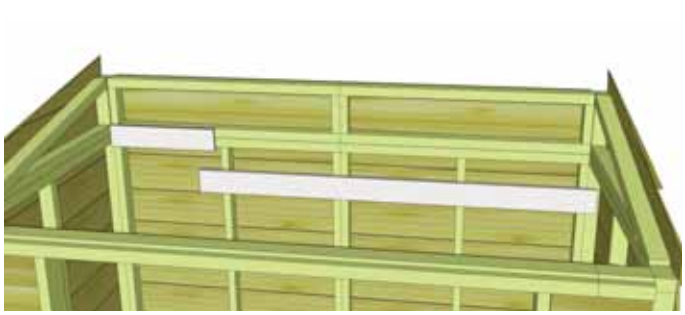

**26.** Locate one **Wall Extendor** and place on rear wall panel with siding of extendor overlapping that of the rear wall.

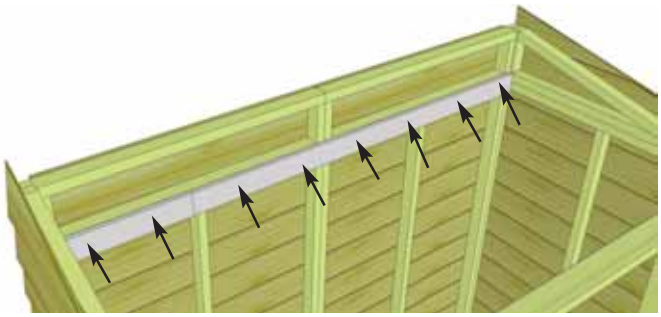



**27.** With 2x3 wall framing aligned, attach Wall Extendor to both the Angled Wall Extendor framing and the rear wall framing with 5 - 2 1/2” screws.



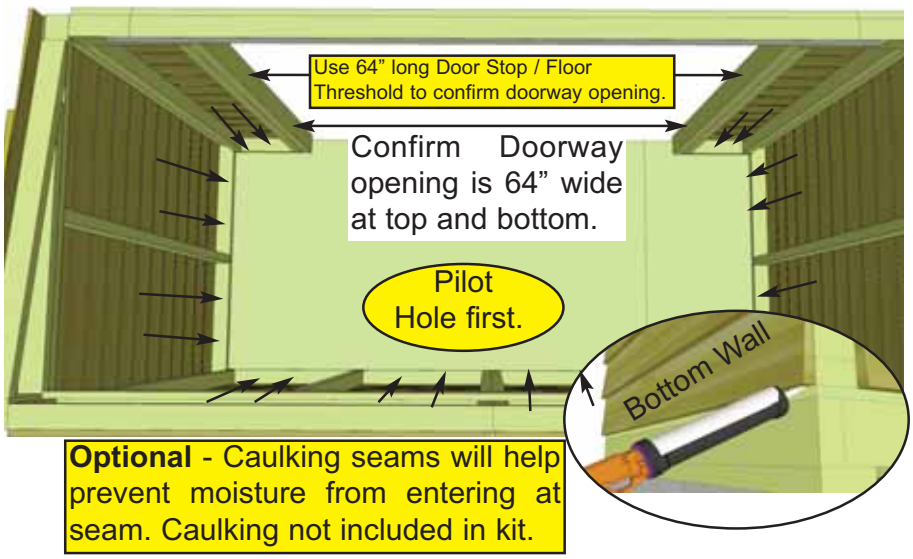

**28.** Position and secure 2nd Wall Extendor Panel as per **Steps 26 & 27**. Additionally, attach to first Extendor with 2 - 2 1/2” screws.





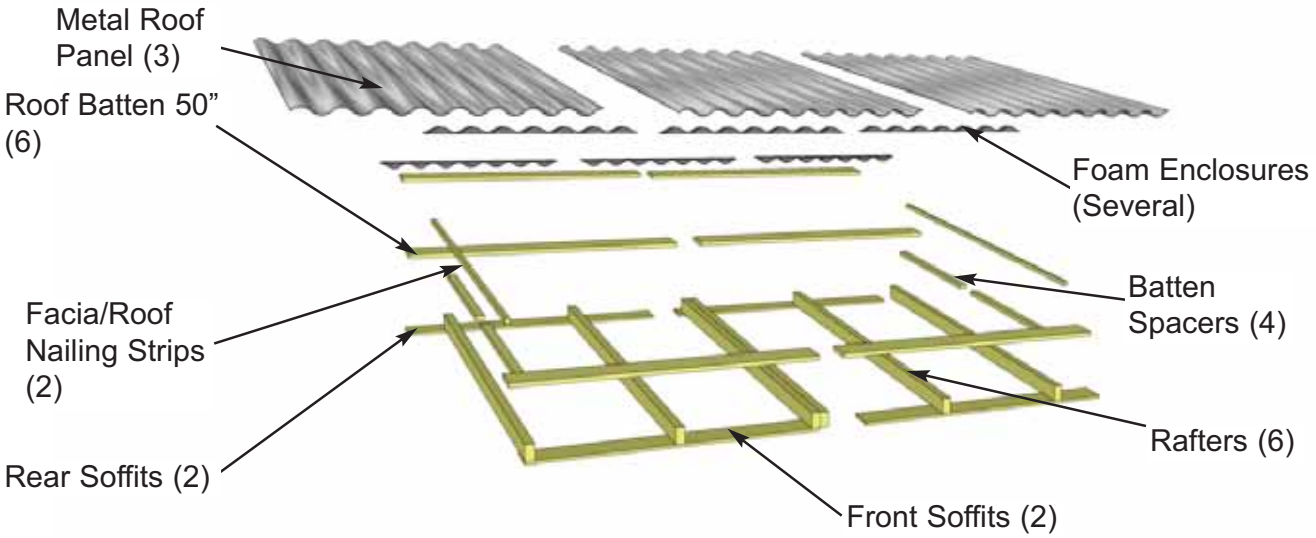
**29.** Attach **Horizontal Wall Cleats** (1 @ 3/4" x 3 1/2" x 70", 1 @ 3/4" x 3 1/2" x 21") to Wall Extendor bottom framing and Rear Wall top framing, so that cleat is flush with extendor framing. There is a short and a long wall cleat. Alternate alignment of screws, so half screw into Wall Extendor Framing and half into Rear Wall Top Framing. Use 8 - 1 1/4" screws.

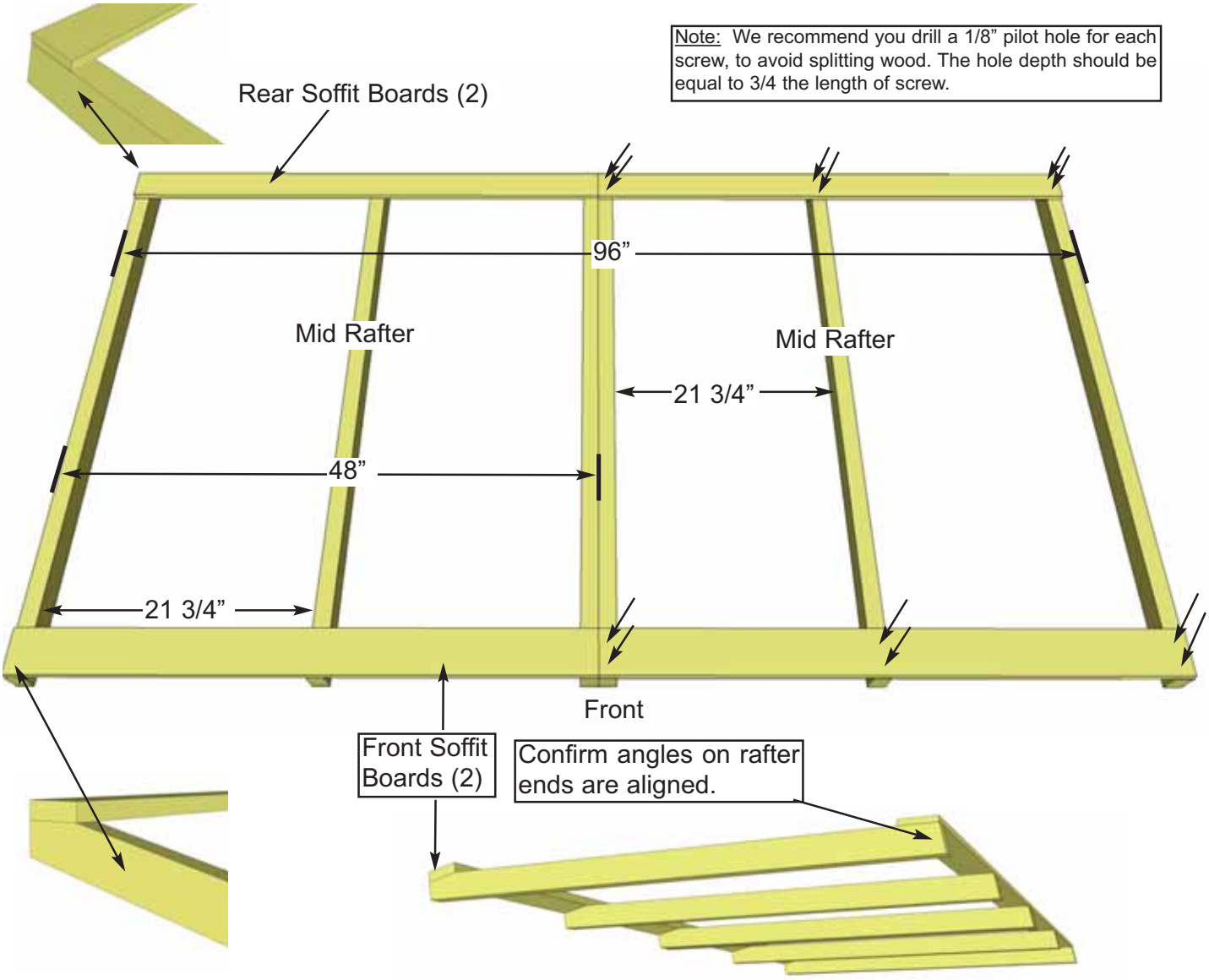
**30.** To complete Wall Section, attach bottom 2x3 wall plates to plywood floor with 20 - 2 1/2" screws. Confirm Doorway opening is 64" wide. Prior to securing, make sure wall panels are aligned correctly on the floor. Refer to **Step 11.** Wall siding should overhang floor while 2x3 wall plates should sit flush with floor.




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

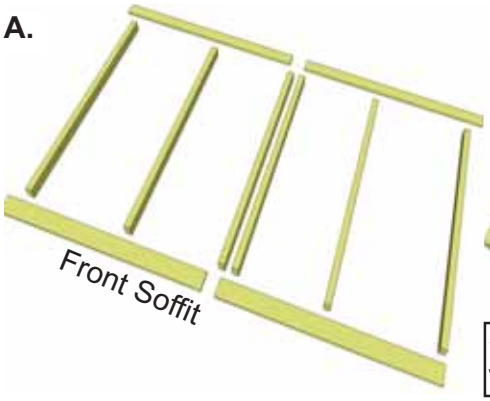
# C. Rafter and Roof Section



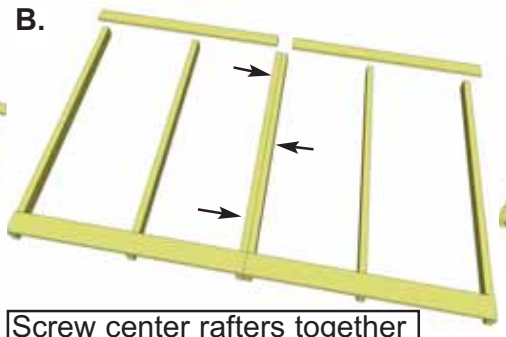



**31.** Locate 6 **Rafters**, 2 **Front Soffits** and 2 **Rear Soffits**. Lay out on level ground and assemble as shown in Illustrations **A** through **C** below. Attach Soffit Boards flush to end of outside rafters with 2 - 1 1/4” screws per rafter end. **Important:** Drill pilot holes in Soffit ends to prevent splitting. Measure and attach interior Rafters as illustrated above. Measure and attach remaining Soffit/Rafter connections using 2 - 1 1/4” screws per rafter/soffit.

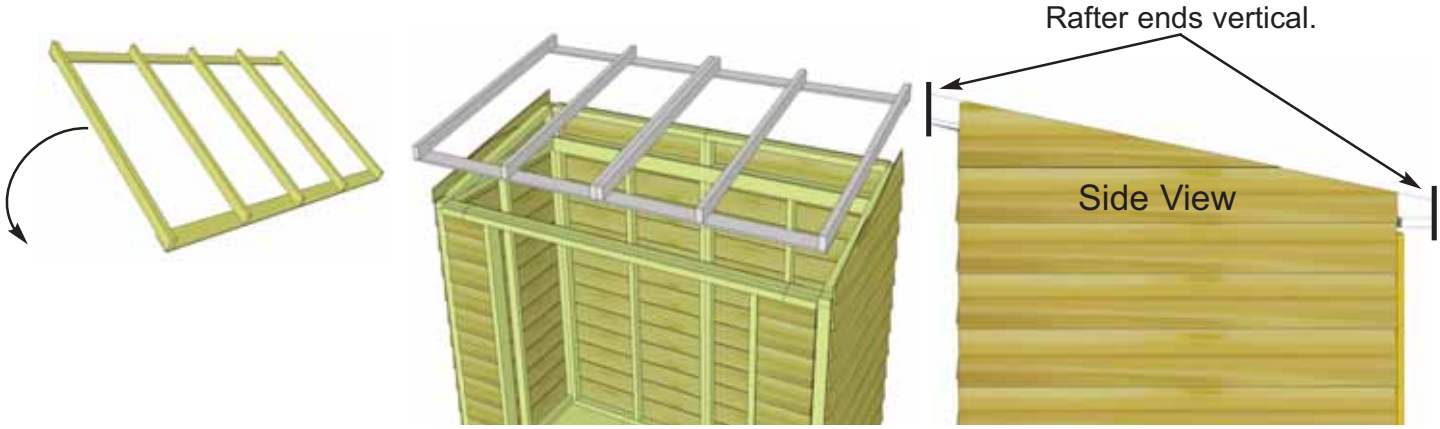
**A.**



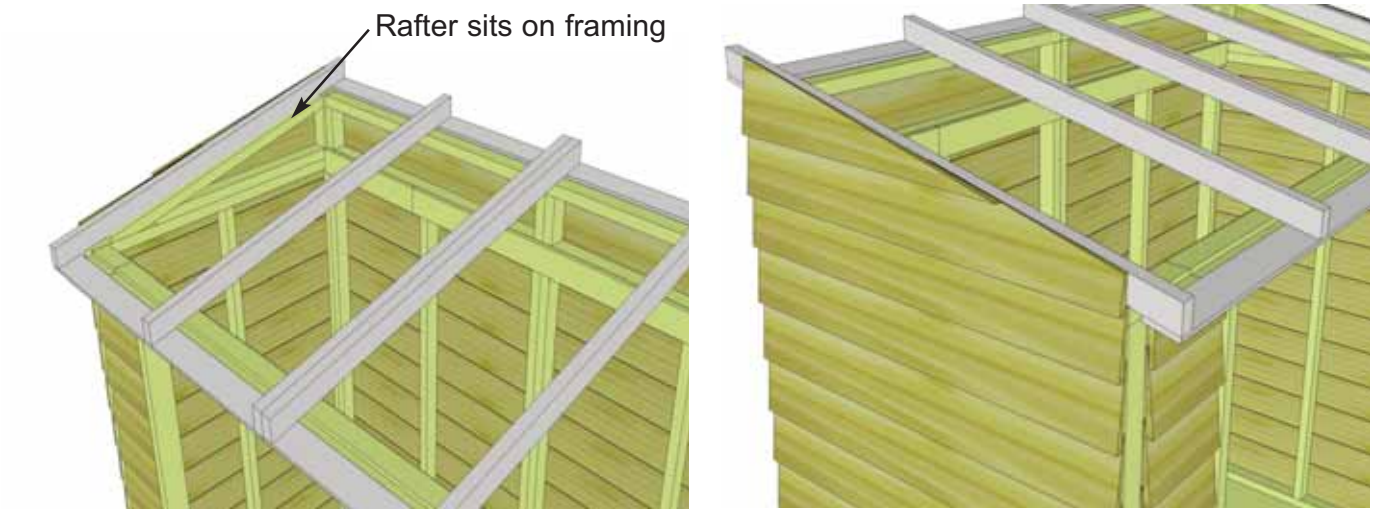

**B.**



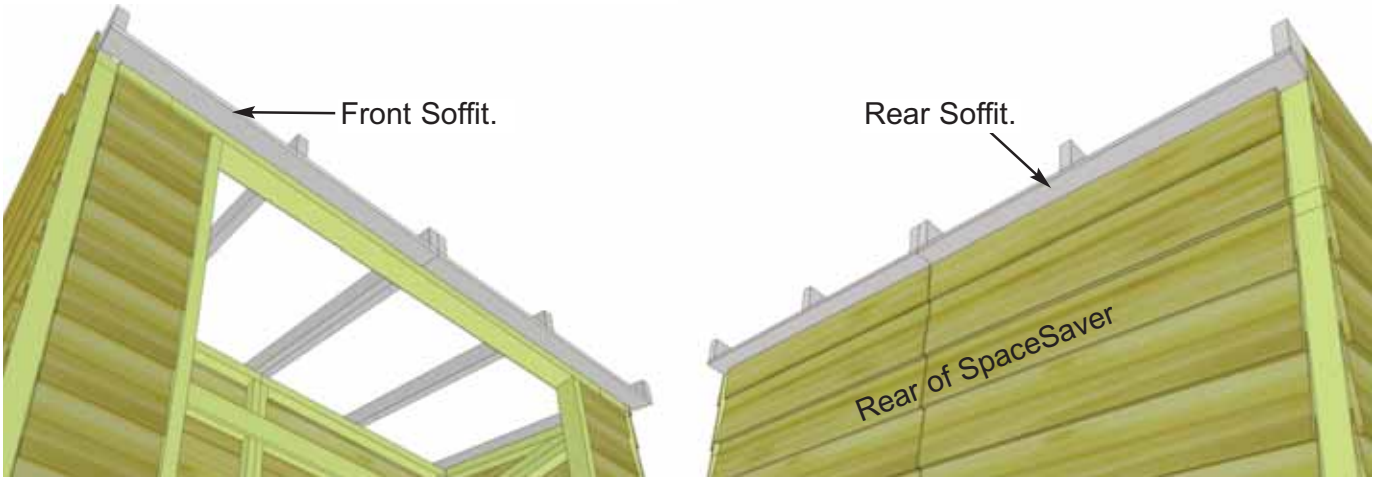

**C.**



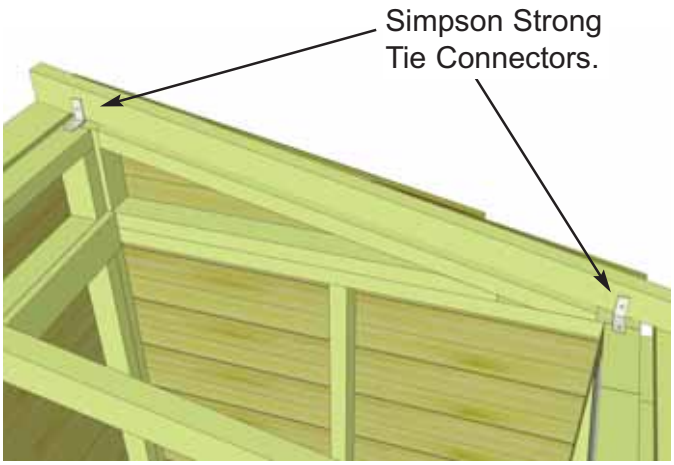

**32.** Carefully flip completed Rafter Section over so Front Soffit is facing the front and place on SpaceSaver walls. **Note:** Double check that your Rafter Section is positioned correctly by ensuring the ends of the Rafters are sloped vertically as shown above.



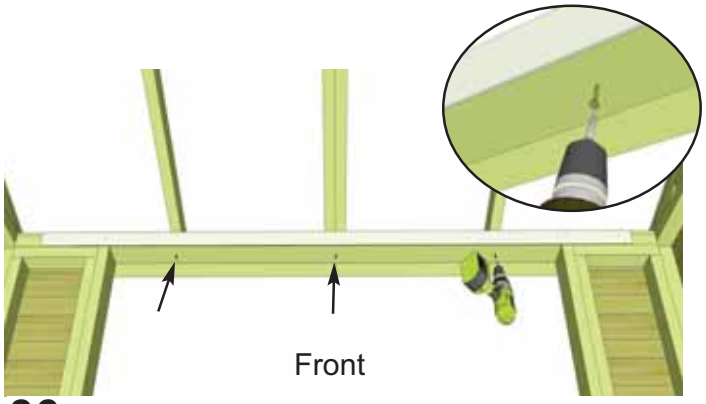

**33.** Position completed Rafter Section on top of walls. Outside Rafters will sit on Extension Wall framing and be positioned equally from side to side.

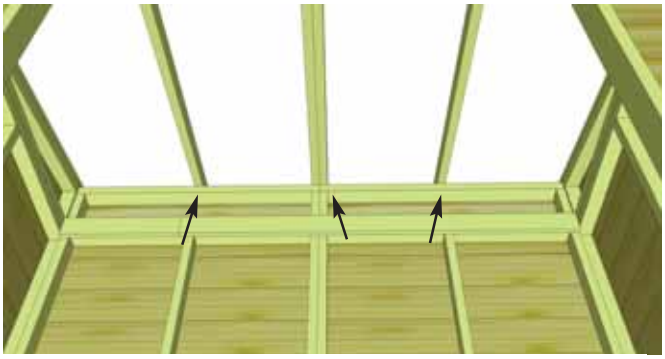



**34.** When Rafter Section is positioned correctly, both Front and Rear Soffits will sit approximately 1/8" away from wall siding. This can vary slightly.




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

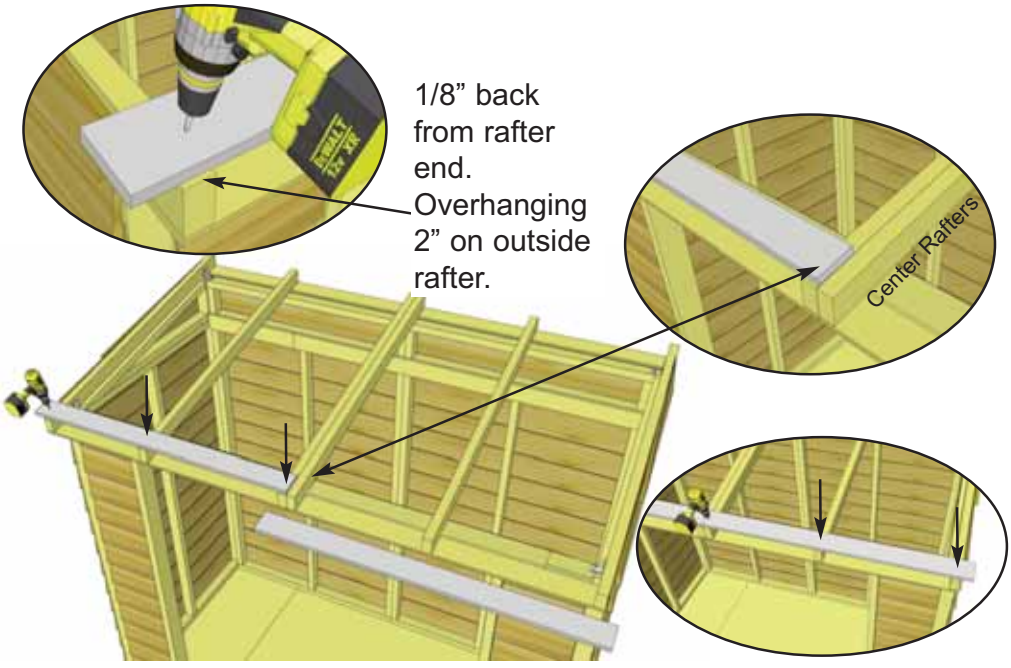


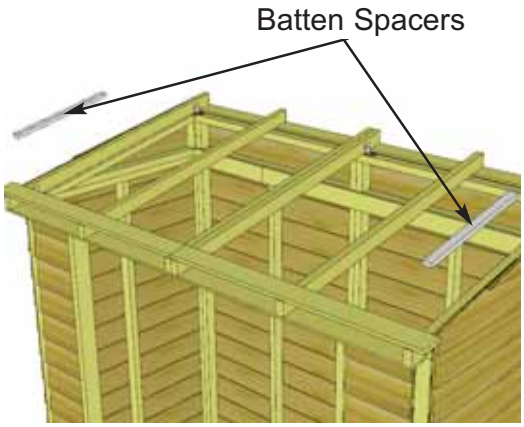



**36.** With outside rafters properly secured, completely secure remaining interior rafters using 6 - 3" Screws. Screw into rafters from inside of Header on an angle at front of shed, and from inside of Extension Wall Framing at rear of shed.

**37.** Position first row of Roof Battens (**3/4" thick x 3 1/2" wide x 50" long x 2 )** 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.

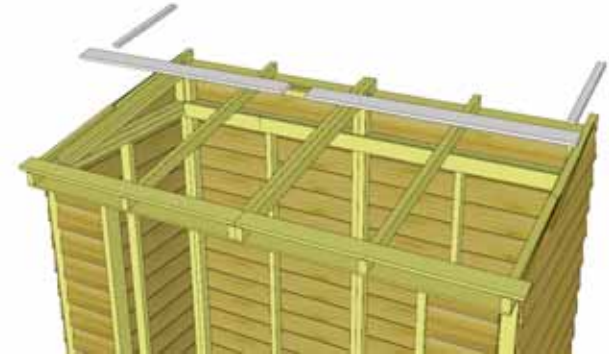
Attach batten with 1 - 1 1/4" screw per each rafter. Predrill with 1/8" drill bit first to prevent end from splitting. Complete attachments of both 50" long roof battens.

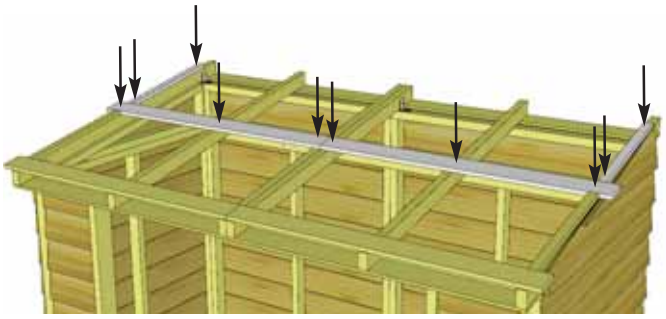




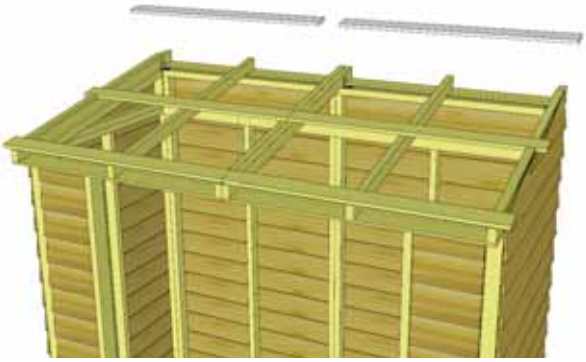

**Important:** Pre-drill pilot hole with 1/8” drill bit first to prevent Batten Spacer from splitting.

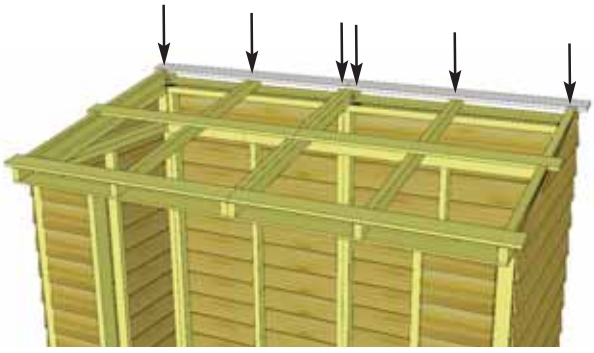
**38.** Place **Batten Spacers (2 pcs x 3/4” x 1 1/2” x 21 1/2”)** above each end of the attached **Batten**, lengthwise along outside **Rafter**. Ensure **Batten Spacer** is tight with **Batten**. Attach **Batten Spacer** to **Rafter** using **2 - 1/4” screws** (4 total)



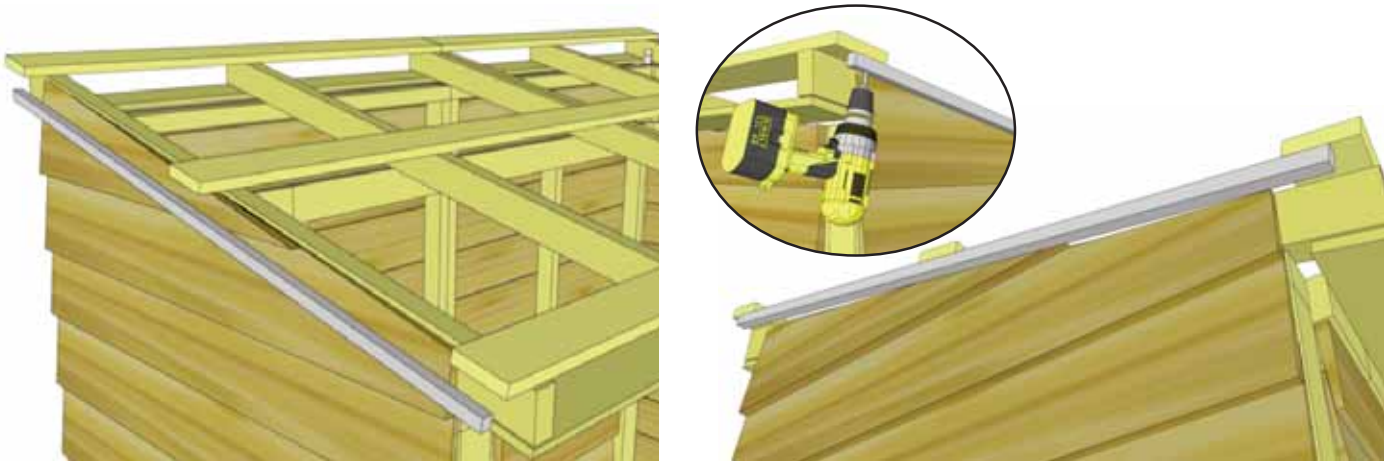


**39.** Locate middle row of **Roof Battens ( 2 pcs x 3/4” thick x 3 1/2” wide x 50” long)** and attach flush with previously attached **Batten Spacers** via the same method as **Step 37**. Attach a second row of **Batten Spacers** flush with the top edge of this middle **Batten** row via the same method as **Step 38**.

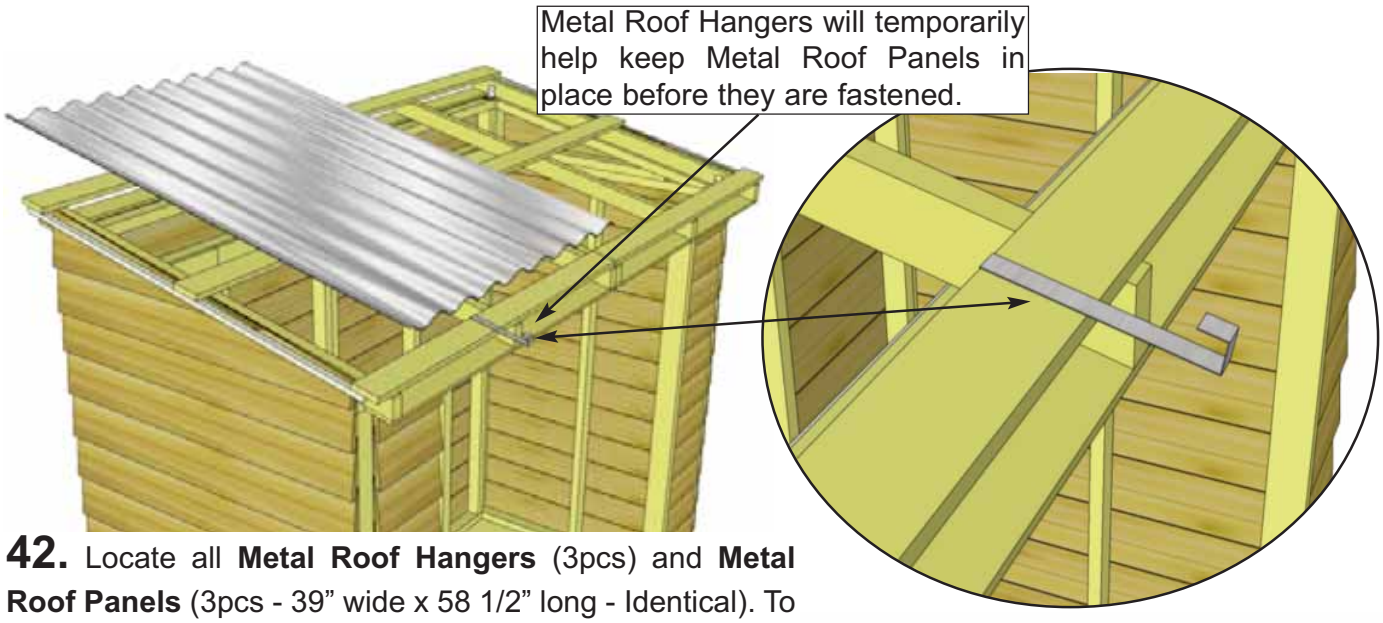




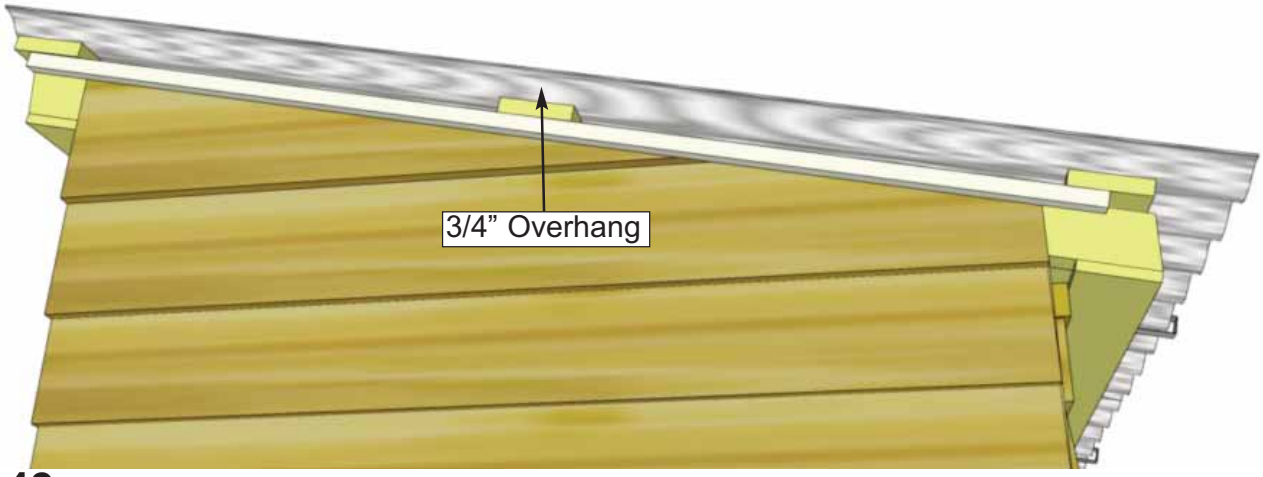
**40.** Locate upper row of **Roof Battens ( 2 pcs x 3/4” thick x 3 1/2” wide x 50” long)** and attach flush with previously attached **Batten Spacers** via the same method as **Step 37**, using a total of **6 - 1 1/4” screws**.



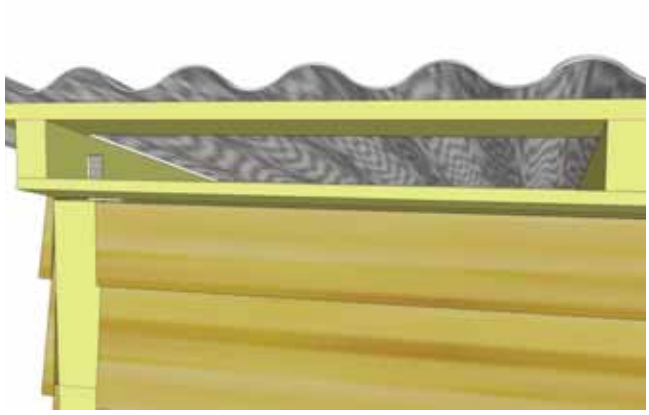
**41.** Center **Rafter/Facia Nailing Plates** (2) (3/4” x 3/4” x 51”) underneath outside of each batten. Attach with 3 - 1 1/4” screws evenly spaced into the batten. The Rafter/Facia Nailing Plate provides for a greater nailing surface later when you attach side facia.

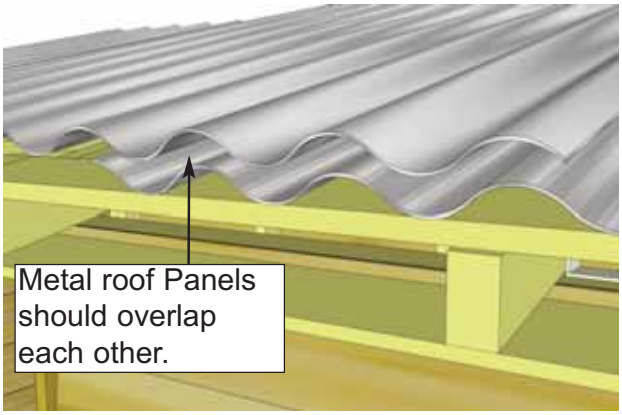



**42.** Locate all **Metal Roof Hangers** (3pcs) and **Metal Roof Panels** (3pcs - 39” wide x 58 1/2” long - Identical). To temporarily help hold the **Metal Roof Panel** in place, hook a **Metal Roof Hanger** onto the lower **Batten** approximately where the center of the first Panel will be. Place the first **Metal Roof Panel** on **Battens**. Do not fasten Panels down until **Steps 46 & 48**. Place other two **Metal Roof Panels** with Hangers the same way.

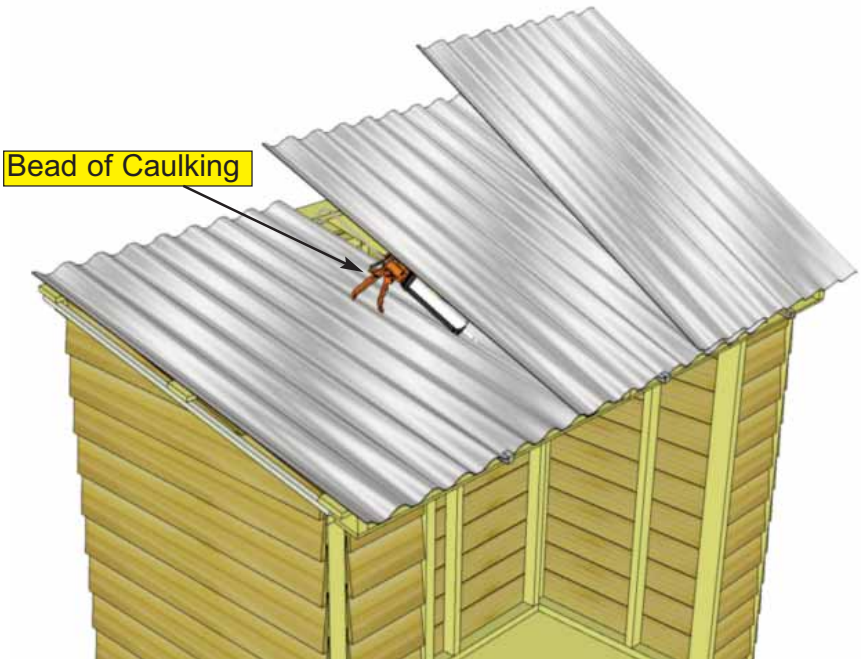



**43.** Overhang the **Metal Roof Panels** past the **Battens** on the sides by approximately 3/4”. The overhang on front and back will be set by the **Metal Roof Hangers**, but should be approximately 1” on the back and approximately 4” on the front.

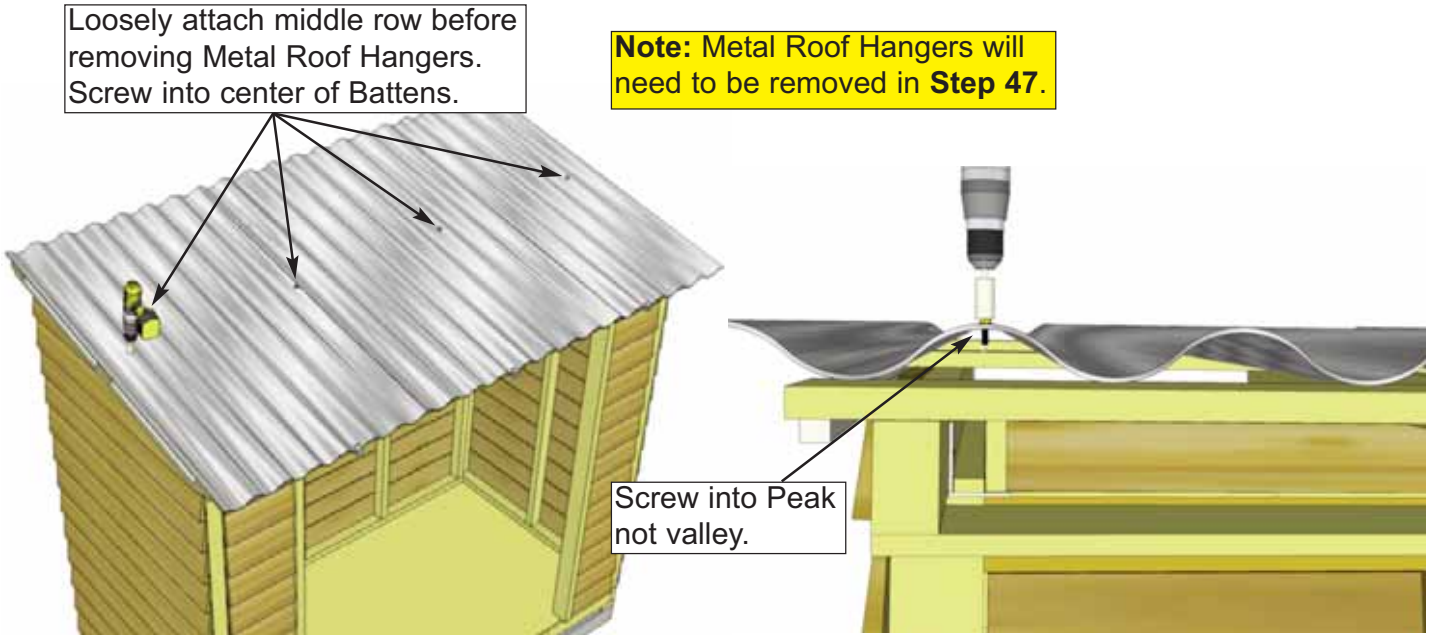




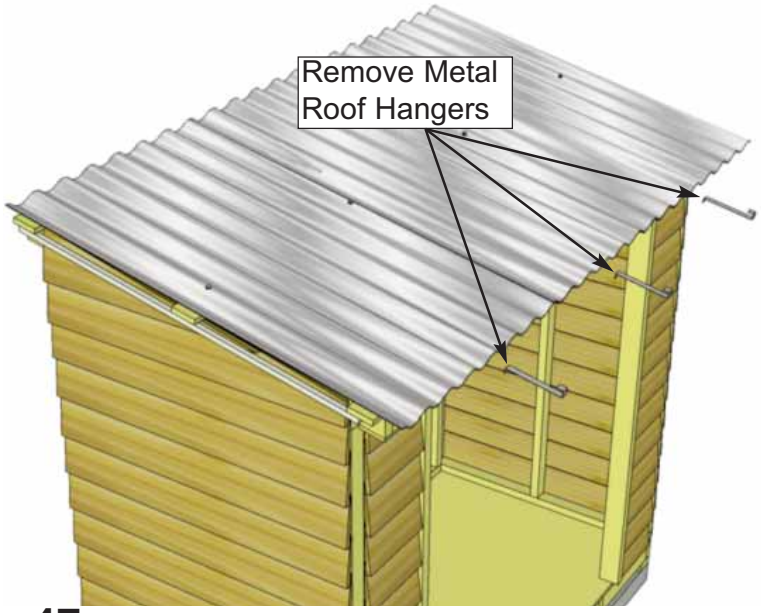

**44.** Adjust the position of remaining **Metal Roof Panels** on **Battens** as per **Step 43**. Overlap **Metal Roof Panels** to achieve the desired overall width. Overall width past the end of **Battens** can vary from 1” - 3”, depending on your personal preference.



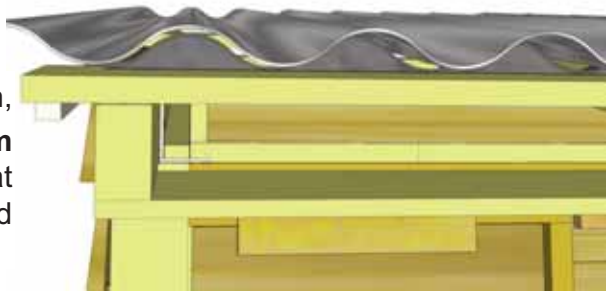

**45.** Once Metal Roof is spaced correctly from side-to-side and top-to-bottom, lift panels up and run a bead of caulking down the overlapping seams of each panel to seal the joints. You will likely need assistance from a helper in this step.



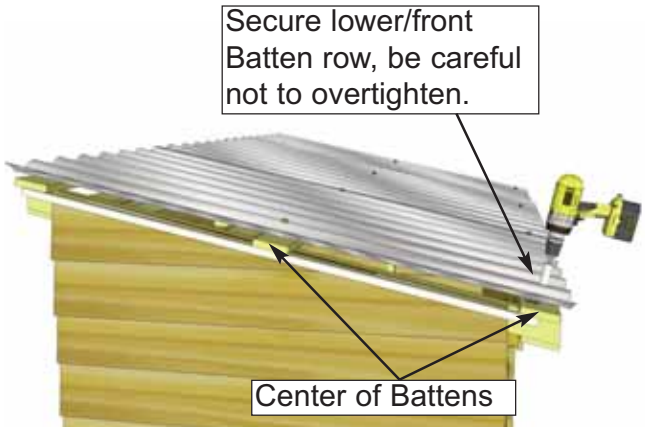

**46.** Using **4 - 2" Metal Screws** and **1/4" Nut Driver** (included), partially secure **Metal Roof Panels** down to the middle **Batten** row. Only fasten screws half way so the **Metal Roof Hangers** can be removed. Metal screw is self-tapping, screw into the center of Battens.
Four more **2" Metal Screws** and four **7/8" Metal Screws** will be required to further secure **Metal Roof Panels** and to complete **Metal Ridge Caps** in later steps.







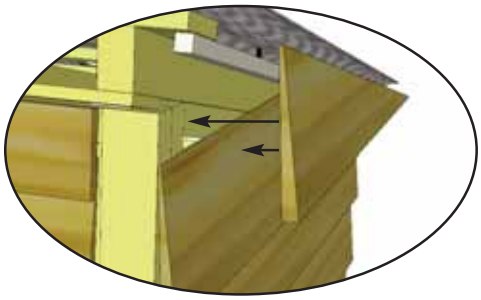
**47.** Before fully fastening **Metal Roof Panels** down, remove the **Metal Roof Hangers** and insert **Foam Enclosures** between **Metal Roof Panels** and **Battens** at the front/bottom. Enclosures will prevent moisture and unwanted bugs, etc from entering your shed from here.

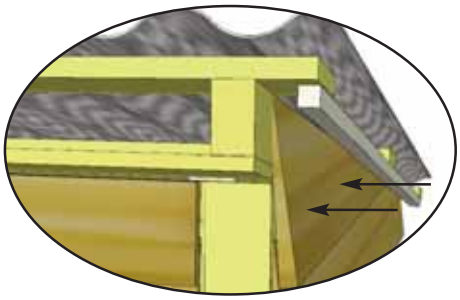




**48.** Using **4 - 2" Metal Screws** and **1/4" Nut Driver**, secure **Metal Roof Panels** down to lower/front **Batten** row. Tighten screws in middle **Batten** row which were partially attached in **Step 46**. Do not overtighten!

**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.**

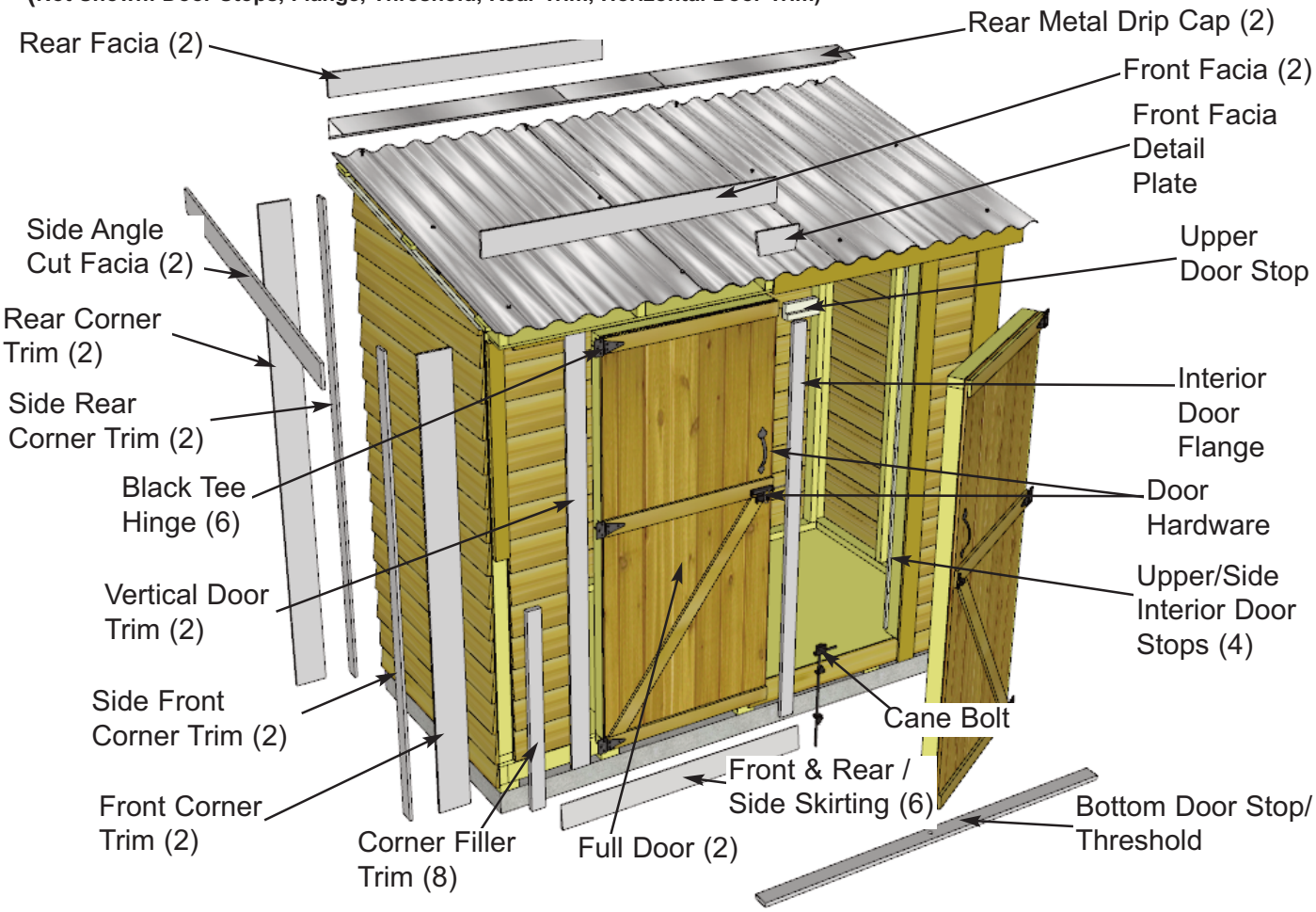


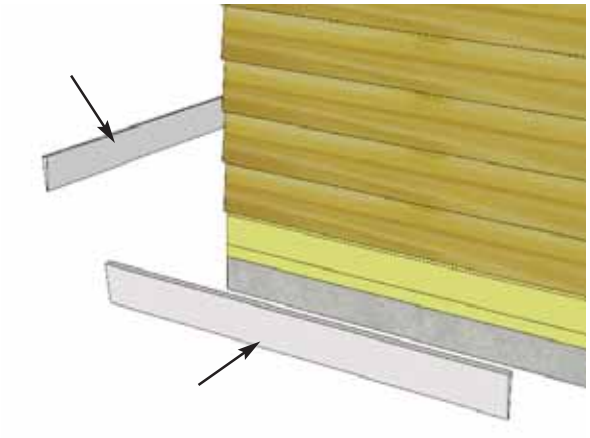


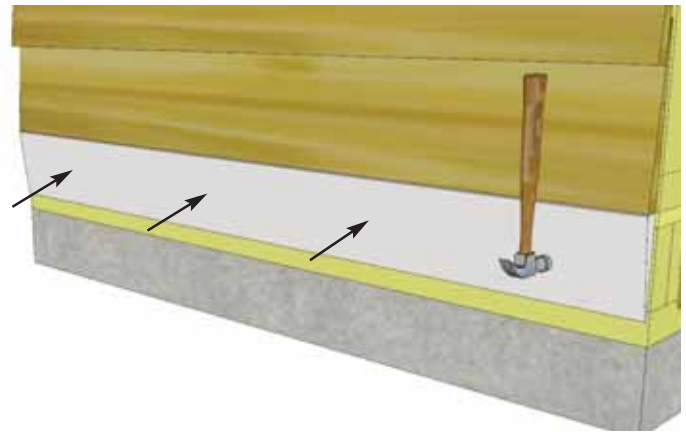
# D. Miscellaneous Section

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

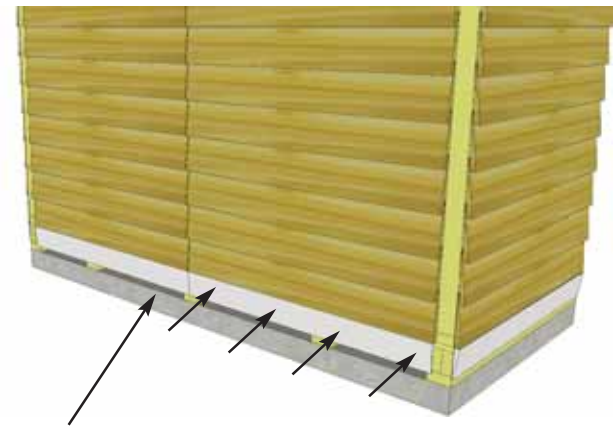
**(Not Shown: Door Stops, Flange, Threshold, Rear Trim, Horizontal Door Trim)**



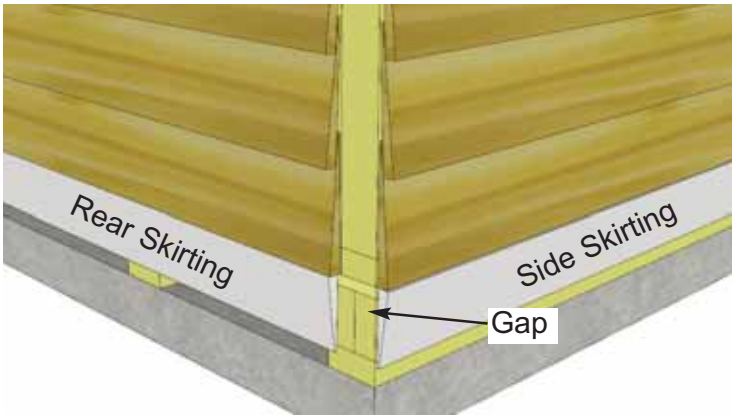





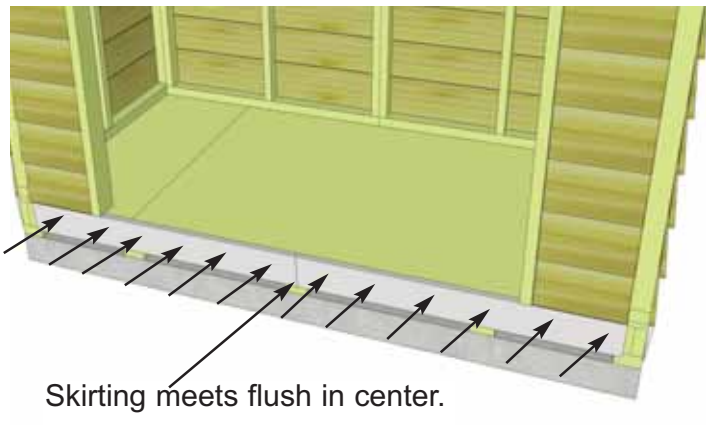
**49.** Attach **Bottom Skirting** (1/2" x 4 1/2" x 45 1/4" - bevel) around the base of the shed. Skirting will hide floor framing. Start with side skirting pieces first and attach with 4 - 1 1/2" finishing nails per piece.



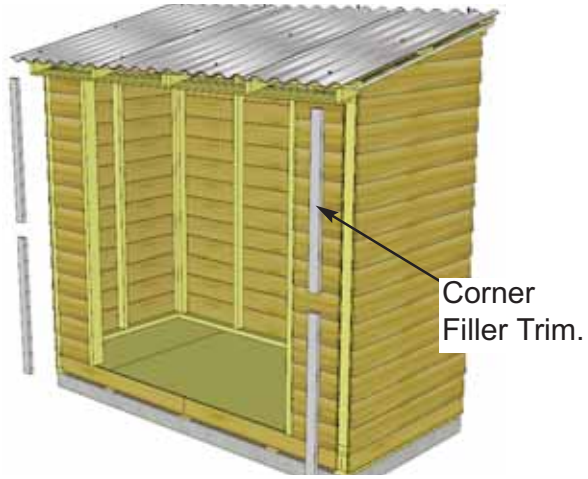

**50.** Rear skirting pieces will meet together in the center. Secure with 4 - 1 1/2” finishing nails per piece.



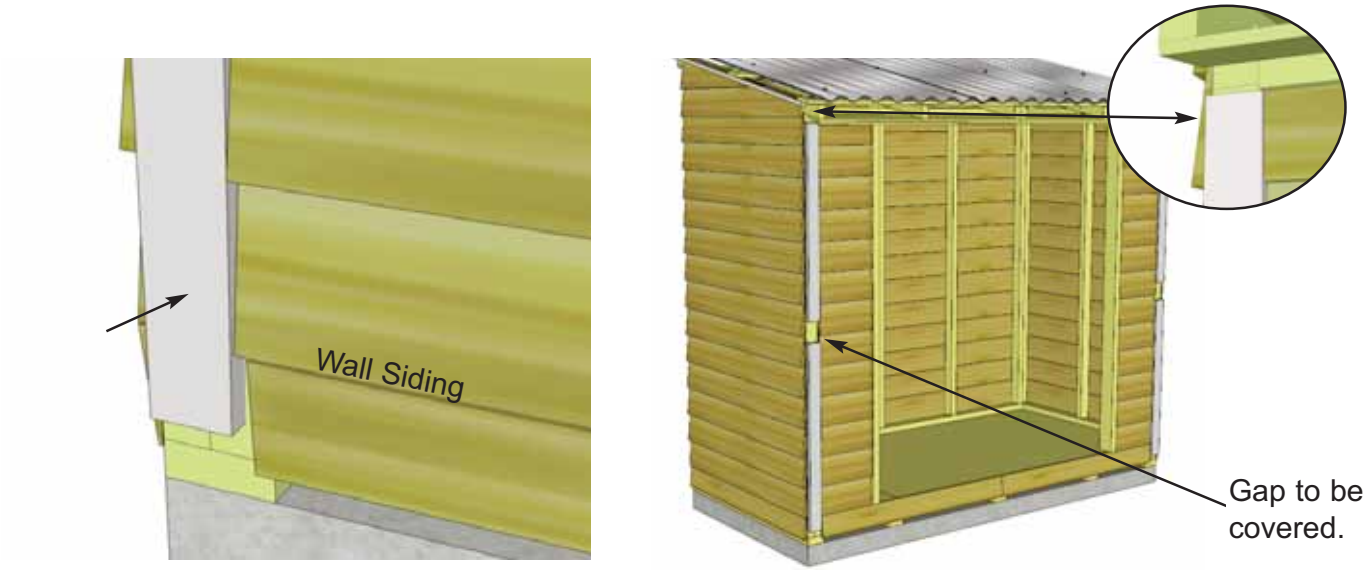

**51.** Gaps on outside will be covered by Corner Trim pieces later. Complete front and side skirting attachments.



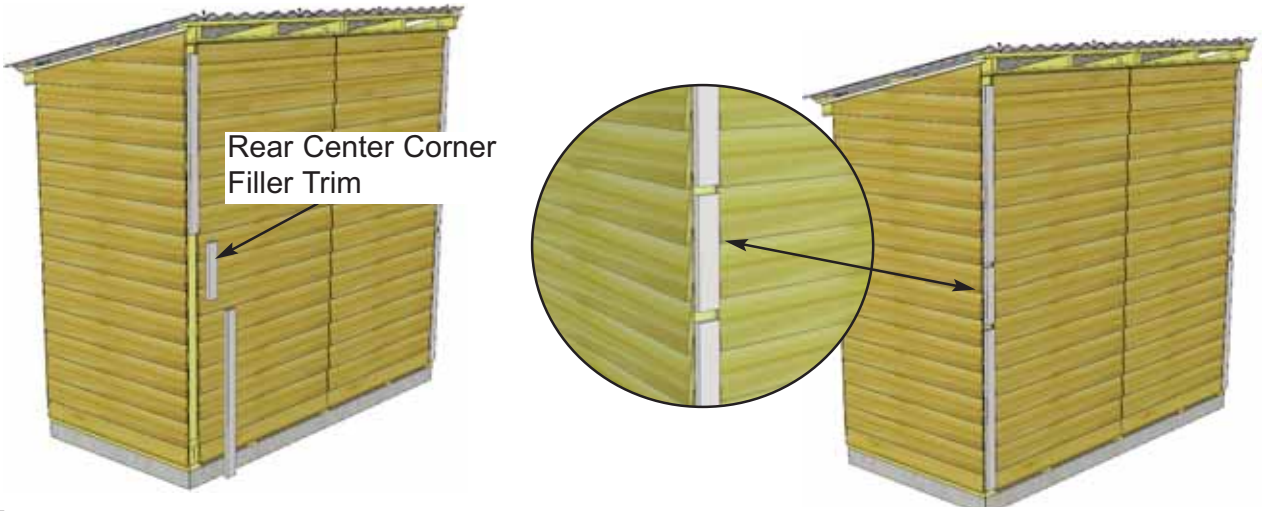

**52.** Use 6 nails on front skirting piece where doors will be installed. This adds extra support to a high traffic area.



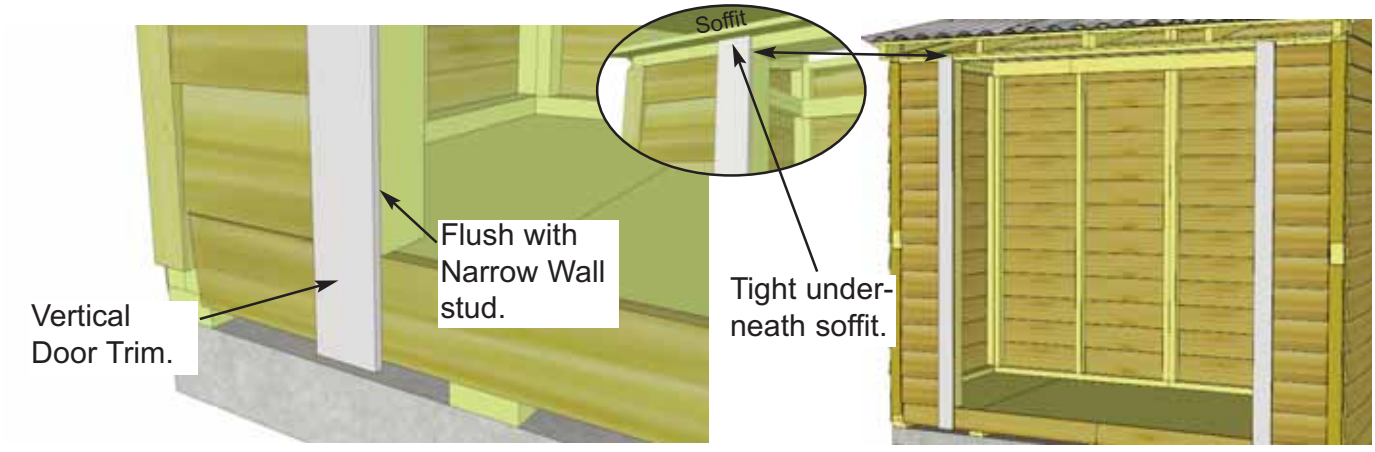

**53.** Locate **Corner Filler Trims** (8 - 3/4” x 2 1/2” x 36”) Fillers are essentially nailing strips and will not be visible once additional corner trims are attached later.



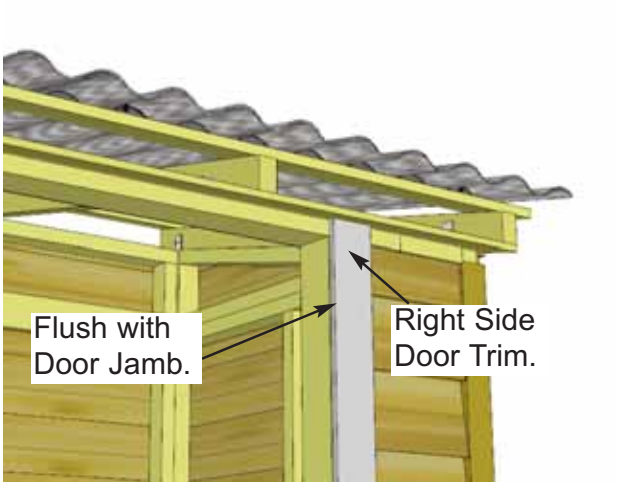

**54.** Attach **Corner Filler Trims** where gaps exist in front corners (2 per side). Hammer with 8 - 1 1/2" finishing nails. Position bottom filler just below wall siding. Top filler just below soffit. Gap in middle.



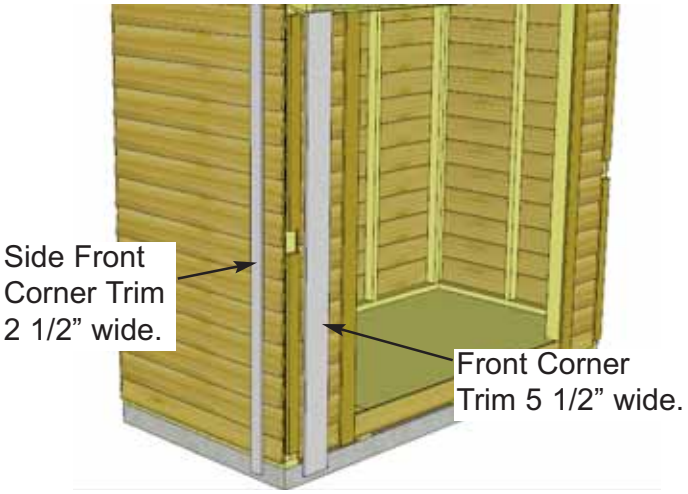

**55.** Position and attach Corner Filler Trims in the rear as per **Step 54.** There is an additional 10" long **Rear Center Corner Filler Trim** that you will need to center and attach as well using 2 - 1 1/2" nails.



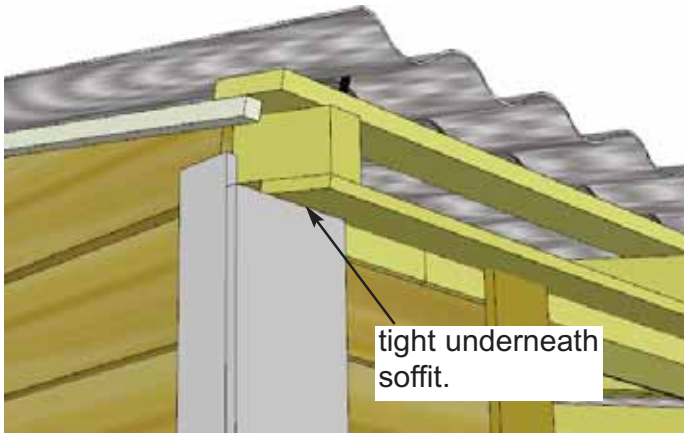

**56.** Locate **Vertical Door Trim** (2 - 1/2" x 3 1/2" x 79"). Position Door Trim flush with outside of narrow wall stud. Trim should be aligned tight underneath Soffit. Attach with 8 - 1 1/2" finishing nails.

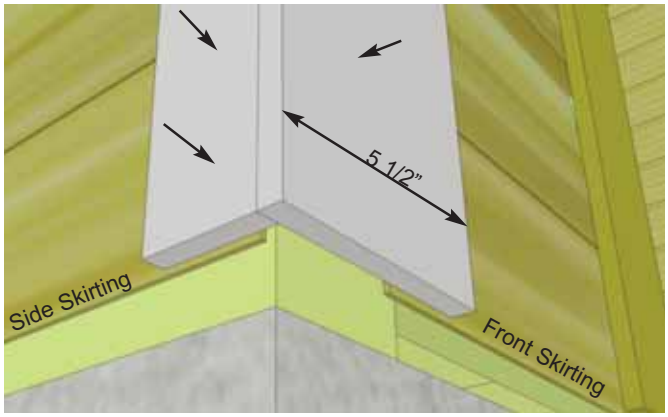



**57.** Position and attach opposite side Door Trim as per **Step 56.**

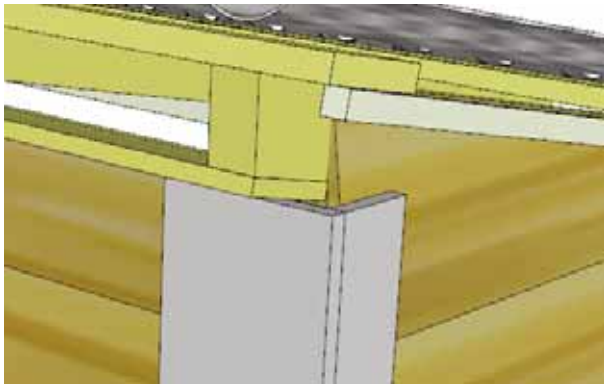



**58.** To completely trim out front corners, locate a **Side Front Corner Trim** (1/2" x 2 1/2" x 80") and a **Front Corner Trim** (1/2" x 5 1/2" x 79").

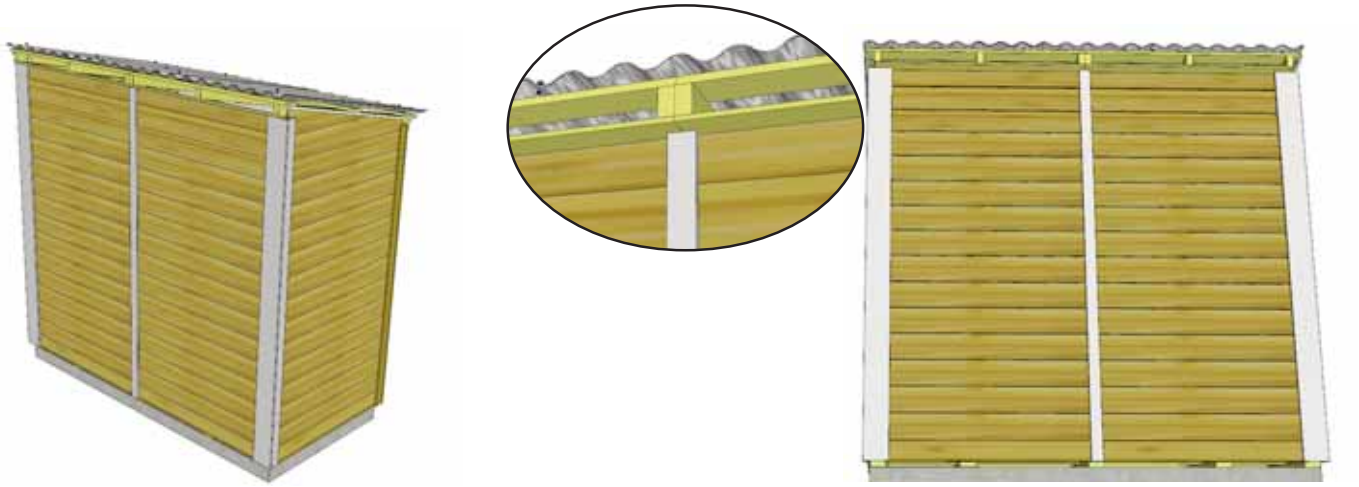



**59.** Place both trims in front corner and align as illustrated above. Do a dry run prior to attaching to achieve best fit. Start with 5 1/2" wide Front Corner Trim and align tight underneath soffit to determine vertical height. Attach with 8 - 1 1/2" finishing nails per piece. Position and attach Side Front Corner Trim (2 1/2" wide) using 8 - 1 1/2" finishing nails, aligning at bottom with wide trim.

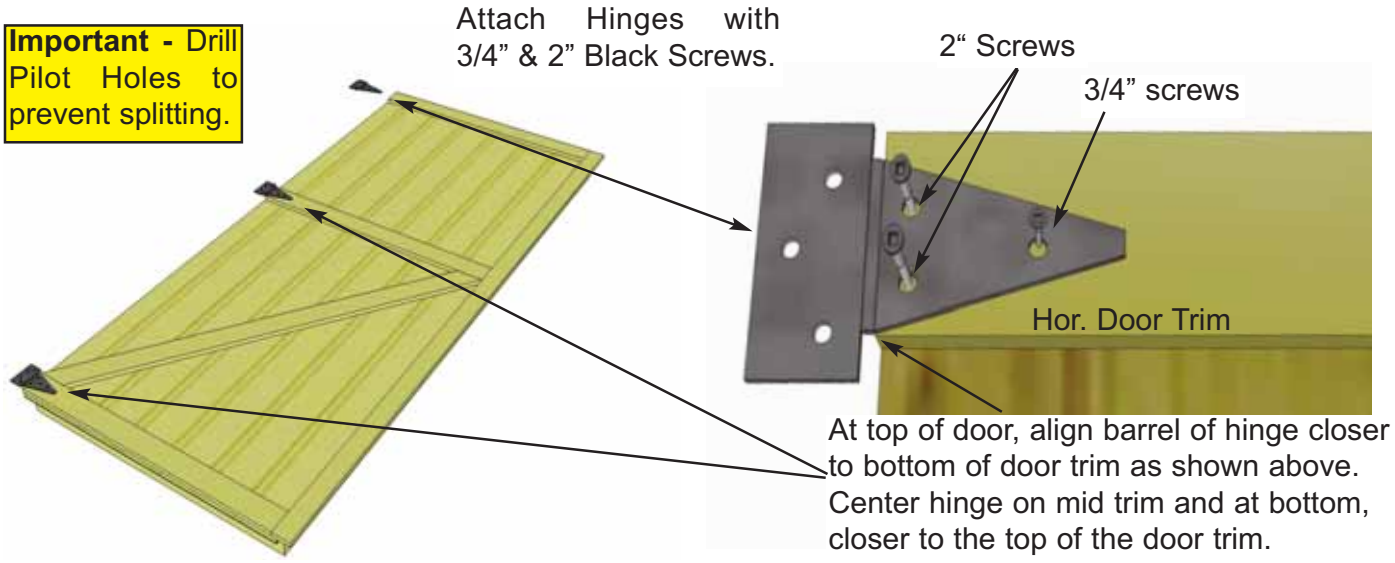


**60.** To completely trim out rear corners, locate **Side Rear Corner Trims** (1/2" x 2 1/2" x 88 3/4") and **Rear Corner Trims** (1/2" x 5 1/2" x 88 3/4"). Align and attach as per **Step 59**.



**61.** Attach **Rear Middle Trim** (1/2” x 2 1/2” x 88 3/4”) where wall panels come together at rear seam. Attach with 8 - 1 1/2” finishing nails aligning tight underneath soffit and center on seam.

**62.** To trim out door, locate **Horizontal Door Trim** (1/2” x 1 1/4” x 64”) and both **Horizontal Narrow Wall Trims** (1/2” x 2 1/2” x 8 1/2”). Position as shown above and attach with 1 1/2” finishing nails.

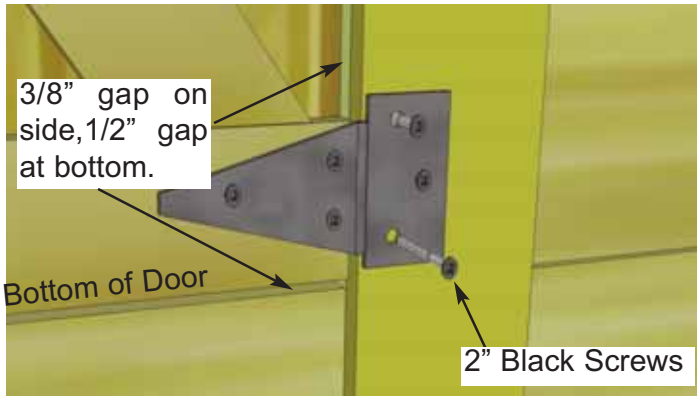



**63.** Attach Door Hinges to both **Left** and **Right Side Double Doors**. Position Hinges equally on door trim as shown above and attach with Black 3/4” and 2” screws.

**Hint:** Use Shim Shingle or extra piece of siding to help space Doors at top and bottom.

**64.** With Hinges attached, position doors in opening. You will need some assistance to hold doors in place.

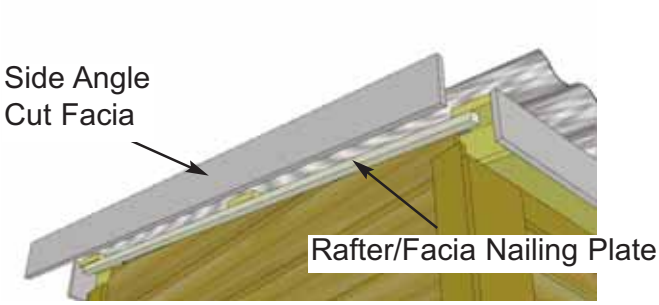
**Important -** Drill Pilot holes to prevent splitting.



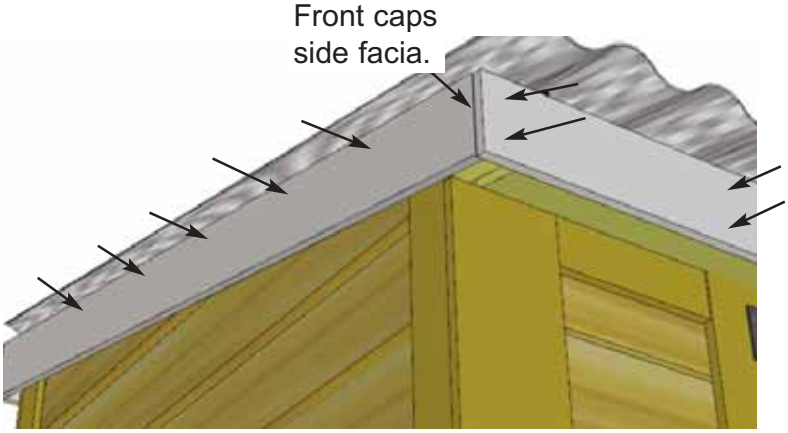

**65.** Now secure the Double Doors. Starting with **Right Side Door**, position so there is a 1/2” gap on bottom, and approximately 3/8” on the side. Use a spare piece of siding or shingle to shim door in place at the bottom. Using 2” black screws, secure bottom hinge to Door Trim. **Hint:** Do not attach all the 2” screws until both doors are positioned correctly. You can use a Screw Driver to tighten screws completely so you don’t over tighten.

**66.** Make sure Door Panel is aligned evenly at top and edge. When aligned correctly, attach top and middle hinges to narrow trim with 2” black screws.

**67.** Place second Door into position and attach as per **Step 65**. Make sure Doors can open and shut correctly prior to completely securing all hinge screws.

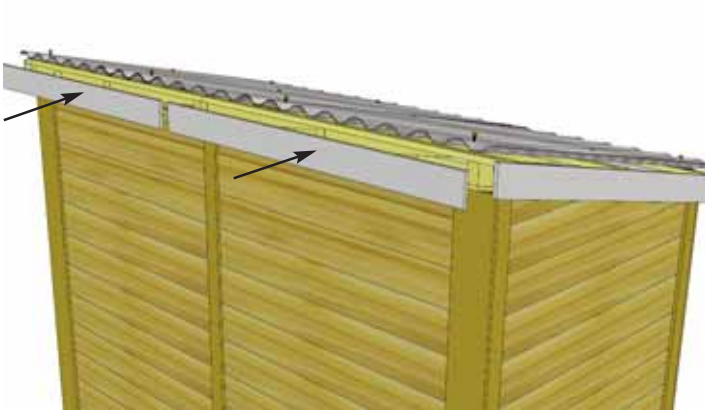



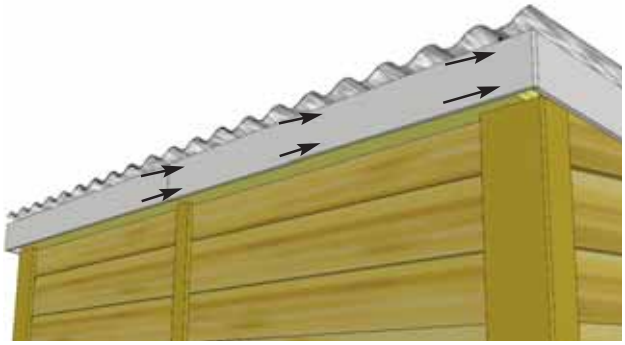

**68.** Locate and identify all Facia pieces: **Front & Rear Facia (4)** (1/2" x 4" x 50 1/2"). **Side Angle Cut Facia (2)** (1/2" x 4" x 54 1/8"). In front corner, align side and front Facia together. Front facia will cap side facia.



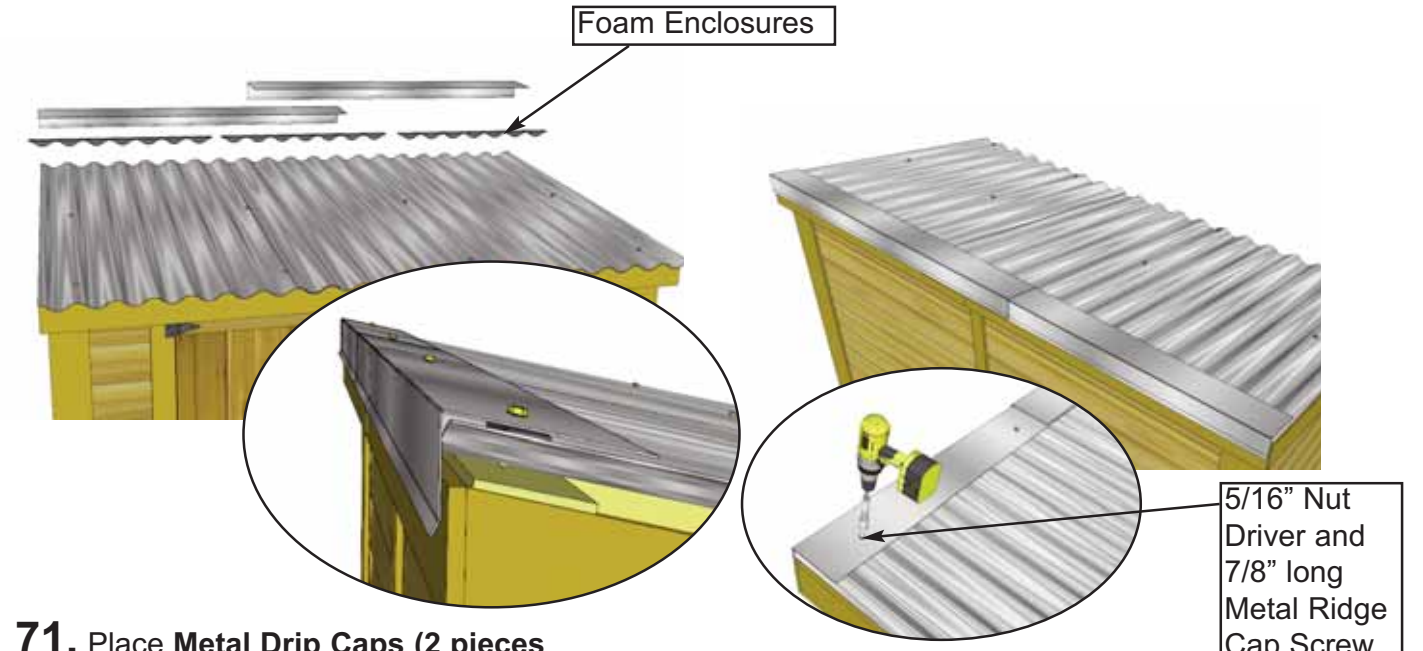


**69.** Do a dry run first before securing. Position Front Facia up underneath roof panel and against rafter ends. Have your helper hold in position. Place angle cut Side Facia underneath roof panel against Rafter/Facia Nailing Plate. Align so Front Facia caps Side Facia and then attach the front with 6 - 1 1/2" finishing nails. Attach side with 5 - 1 1/2" nails securing them into the nailing plate (closer to the top of the side facia board). Attach next piece of Front Facia. **Note:** With Front Facia correctly aligned at corners, a small gap may occur at center seam. This will be covered by the Facia Detail Plate in **Step 72.**

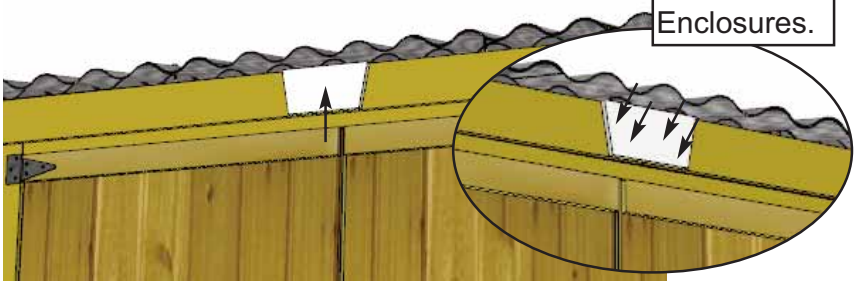




**70.** Place and align rear and side facia for best possible fit with rear capping side facia. Attach facia to rafter ends with 6 - 1 1/2" finishing nails per piece. Complete both rear facia pieces.

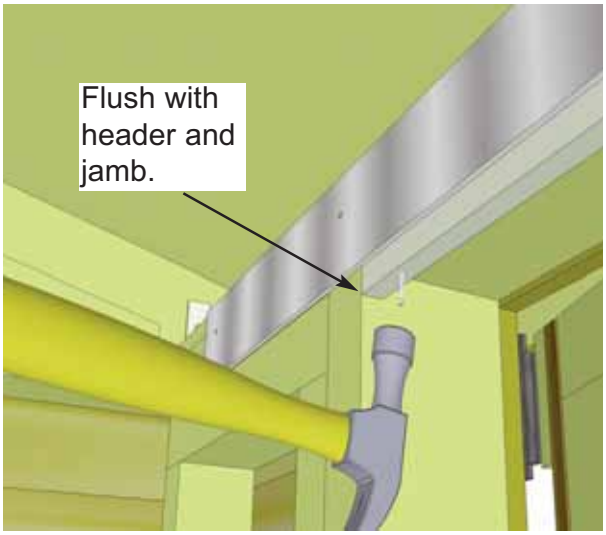


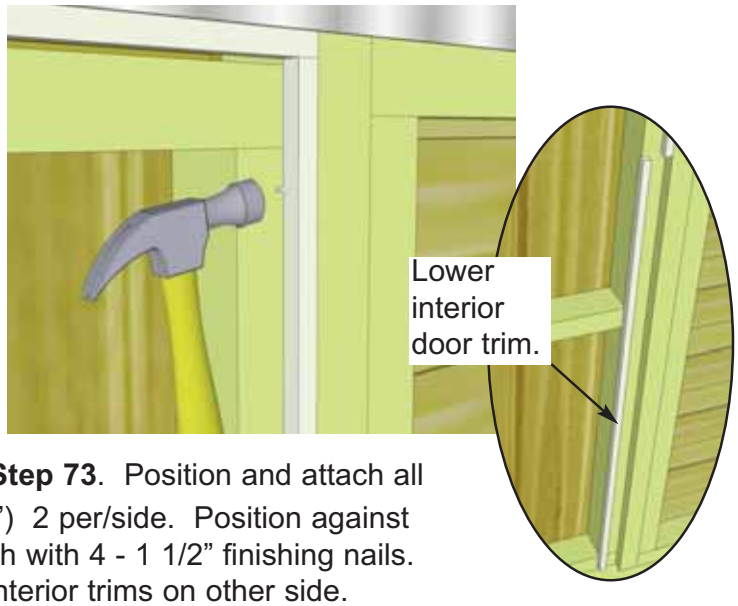

**71.** Place **Metal Drip Caps (2 pieces - 60” long)** on top of metal roof at rear. Insert **Foam Enclosures.** Evenly space from side-to-side allowing caps to overlap each other. Overhang the cap approximately 1” past each end. When ridge cap is correctly positioned, secure with 4 - 2” Self Tapping Metal Screws using 1/4” Nut Driver as per **Step 48**. Screw into to top batten. Do not overtighten.



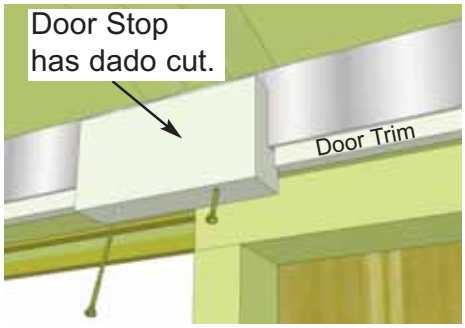
**72.** Attach **Facia / Detail Plate** to cover seams where Front Facia pieces come together. Secure with 4 - 1 1/2” finishing nails per piece.

**73.** Attach **Upper Interior Door Trim (2)** (1/2” x 1/2” x 28 7/8”) positioning 1st trim against door jamb and underneath door header flush to edges on inside as shown to the right. Attach with 4 - 1 1/2” finishing nails.

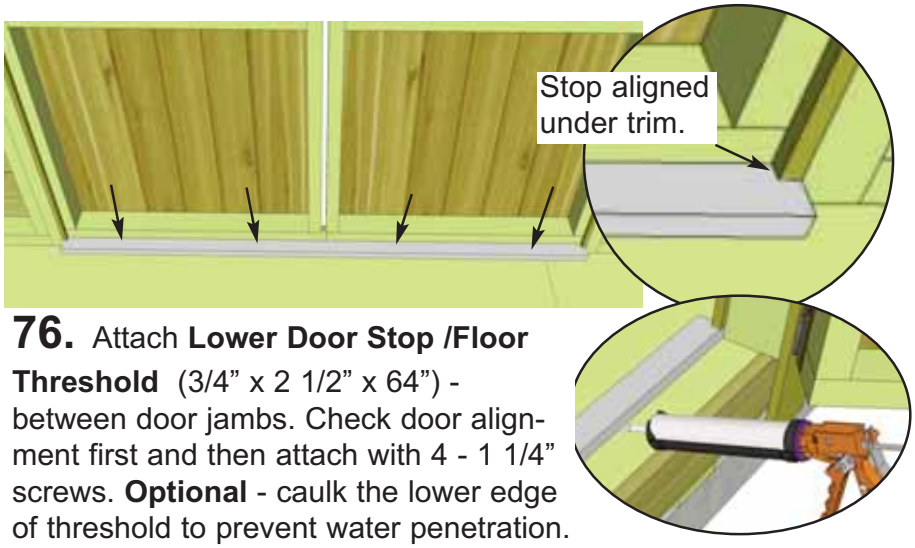





**74.** Attach 2nd upper interior door trim as per **Step 73**. Position and attach all **Side Interior Door Trim (4)** (1/2" x 1/2" x 35 7/8") 2 per/side. Position against door jamb and underneath upper door trim. Attach with 4 - 1 1/2" finishing nails. Complete lower interior door trim and both side interior trims on other side.



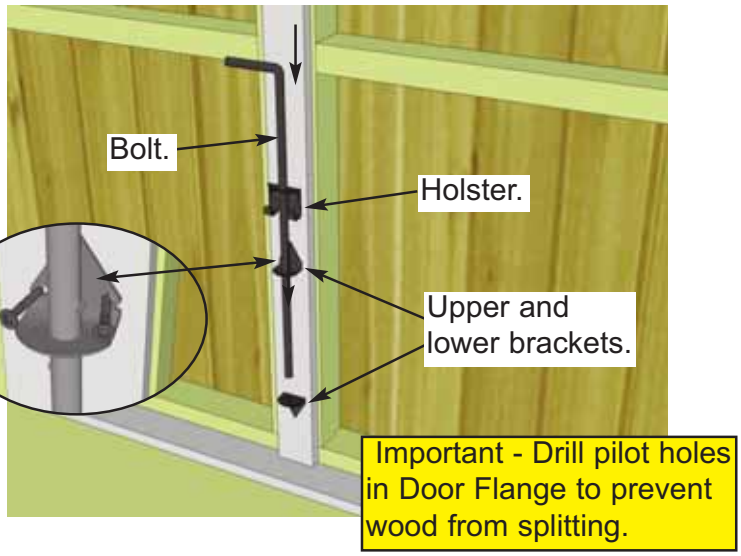

**75.** Attach **Upper Door Stop - dado cut** (1 1/2" x 2 1/2" x 6") underneath door header with 2 - 2 1/2 screws. Stop is pre-drilled on angle. Evenly space between trim.

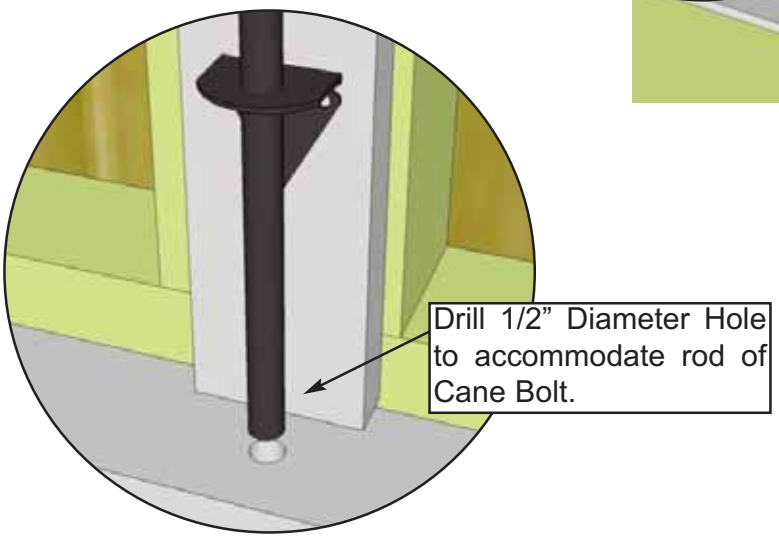



**76.** Attach **Lower Door Stop /Floor Threshold** (3/4" x 2 1/2" x 64") - between door jambs. Check door alignment first and then attach with 4 - 1 1/4" screws. **Optional** - caulk the lower edge of threshold to prevent water penetration.


**77.** Position and attach **Interior Vertical Door Flange** (1/2" x 2 1/2" x 70") on inside door frame **(left door from outside/right from the inside)** using 6 - 1 1/4" screws. Position on inside edge of left door frame so Flange overlaps right door frame by about 3/4".

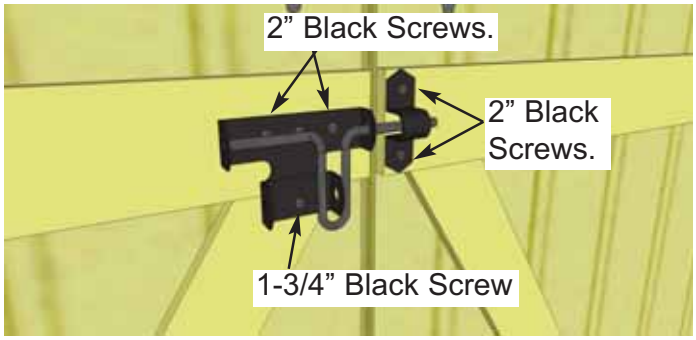
**78.** To secure doors, you will need to install the **Interior Cane Bolt** to the Vertical Door Flange. First slide bolt through the upper and lower brackets. Usually the upper bracket is positioned between small nubs in the middle of the bolt. Use 3/4" black screws to secure. Screw on angle and make sure you attach to door frame. Pre-drill to prevent wood from cracking. Attach the holster high enough up so the handle holds the bolt a few inches above the door stop.




**79.** Once the Cane Bolt is attached, close doors and mark a hole in the stop to accommodate the bolt. You can bang the top of the bolt using a hammer and a block of wood to prevent damage. Once complete, open doors and drill hole where previously marked with 1/2" bit.

**80.** Attach **Door Handles.** Handles are positioned on top section of each door and mounted with 3/4" Black Screws.




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

## Congratulations on completing your 8x4 SpaceSaver Shed with Metal Roof!

**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 wood stain. You may also wish to paint your new shed rather than stain it. In both cases we recommend that you consult with a paint and stain dealer in your area for their recommendations.

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

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

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