

**16820-ST**



***Call Us First!***

***DO NOT RETURN TO STORE.***

**For immediate help with assembly or product information  
call our toll-free number:**

**1-888-827-9056**

**or email:**

***customerservice@backyardproductsllc.com***

**Our staff is ready to provide assistance.**

**M - F 8:00 AM to 6:00 PM EST**

**Saturday 8:30 AM to 5:00 PM EST**

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# ASSEMBLY MANUAL

16820-ST

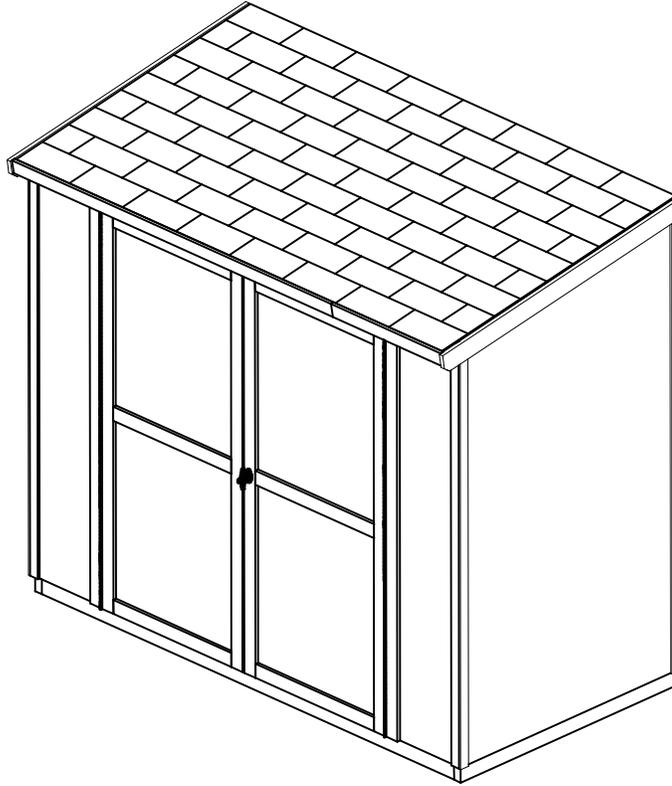
7-2-2020

**SCOTTSDALE 8' x 4' (243,8 x 121,9 cm)**

**Includes 8' x 4' Building and Floor Frame Instruction**

**KEEP THIS MANUAL FOR FUTURE REFERENCE**

A Backyard Products Company



**IMPORTANT! READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.**



## BEFORE YOU BEGIN

- **BUILDING RESTRICTIONS AND APPROVALS**

Be sure to check local building department and homeowners association for specific restrictions and/or requirements before building.

- **ENGINEERED DRAWINGS**

Contact our Customer Service Team if engineered drawings are needed to pull local permits.

- **SURFACE PREPARATION**

To ensure proper assembly you must build your shed on a level surface. Recommended methods and materials to level your shed are listed on page 7.

- **CHECK ALL PARTS**

Inventory all parts listed on pages 4-6. Contact our Customer Service Team if any parts are missing or damaged.

- **ADDITIONAL MATERIALS**

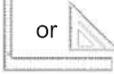
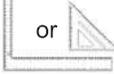
You will need additional materials to complete your shed. See page 3 for required and optional materials and quantities.

## - CUSTOMER SERVICE -

Call: 1-888-827-9056 email: [customerservice@backyardproductsllc.com](mailto:customerservice@backyardproductsllc.com)

# TOOLS

## Required

- Phillips Screwdriver 
- Drill / Driver
  - Drill Bit
  - #2 philips Drive Bit
- Hammer 
- Pencil 
- Tape Measure 
- Square  or 
- Level 

- Chalk Line 
- Utility Knife
  - Shingle Blades 
- Caulk Gun 
- Exterior rated Wood Glue 
- Ladder 
- Paint Tools 

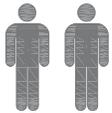
## Optional

- Tool Belt/ Nail Pouch 
- Safety Glasses 
- Nail Gun
  - Gun Nails 
- Gloves 
- Clamps 

Safety! Always use approved safety glasses during assembly.

## HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.



= Assistance Required; two or more people.



= Mark part with pencil.



= Ensure squareness.



= Beginning of steps for assembly or installation.



= Important required step or operation.



= Level

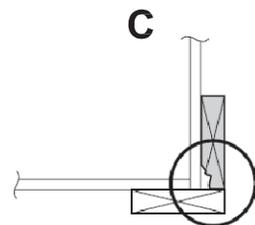
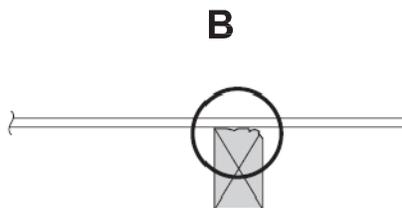
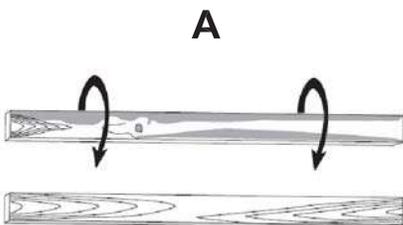


= Helpful assembly hint.

## ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

Always install the material leaving the best edge and best surface visible. Please remember that these blemishes in no way negatively affect the strength or integrity of our product. ( See Fig A, B, C.)



## ADDITIONAL MATERIALS NEEDED BEFORE YOU START

### FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a complete wood floor frame system. It does not include the floor panel.
- It does not include ANY leveling materials.
- See the **FLOOR LEVELING** section on page 7 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

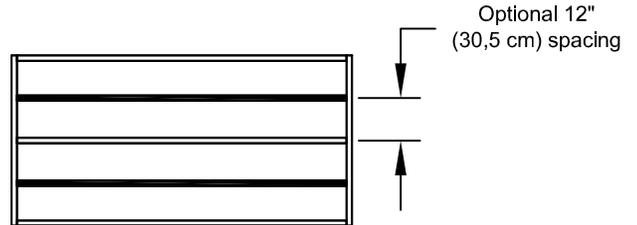
### REINFORCED WOOD FLOOR FRAME (OPTIONAL)

**IMPORTANT!** The included floor has been designed for general use. Depending on your specific use you may want to construct a heavy duty floor frame by adding additional floor joists (shown below as shaded). Below is a list of additional materials (not included).

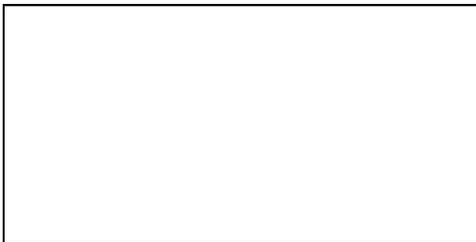
**x2** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) Treated Lumber

Cut lumber to 2 x 4 x 93" (5.1 x 10,2 x 236,2 cm)  
Treated Lumber

**x4** ea. 3" (7,6 cm) hot dipped galvanized nails



### FLOOR PANEL (NOT INCLUDED)



**x1**  
5/8 x 48 x 96"  
(1,6 x 121,9 x 243,8 cm)

Recommended Floor panels are minimum 5/8" (1,1 cm) thick.

### COMPLETING YOUR SHED

You will need these additional materials:

**3-TAB SHINGLES**.....2 Bundles

**PAINT FOR SIDING**.....1 Gallon  
Use 100% acrylic latex exterior paint. (2) coats recommended.

**CAULK**.....1 Tubes  
Use acrylic latex exterior caulk that is paintable. 

**1" GALVANIZED ROOFING NAILS**...1LBS  
For Shingles.

**PAINT FOR TRIM**.....1 Quart  
Use 100% acrylic latex exterior paint.

**WOOD GLUE**.....Exterior Rated

### OTHER MATERIALS

**DRIP EDGE**.....30 Feet  
(DRIP EDGE IS REQUIRED TO VALIDATE YOUR WARRANTY)

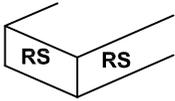
**#15 ROOFING FELT**  
To cover 38 Sq. Ft. of roof area

**1" GALVANIZED ROOFING NAILS**...1/4 Lb  
For roofing felt.

**REFER TO THE BACK OF THIS MANUAL AND THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SHINGLES, DRIP EDGE AND FELT.**

# PARTS IDENTIFICATION AND SIZES

Part Identification is stamped on some parts.



Treated lumber is stamped:

**TREATED**

## WOOD SIZE CONVERSION CHART

Nominal Board Size	Actual Size
2" x 4".....	1-1/2" x 3-1/2" (3,8 x 8,9 cm)
1" x 4".....	3/4" x 3-1/2" (1,9 x 8,9 cm)
2" x 3".....	1-1/2" x 2-1/2" (3,8 x 6,3 cm)
1" x 3".....	3/4" x 2-1/2" (1,9 x 6,3 cm)

- Check these locations for Part stamps

## PARTS LIST

**INVENTORY YOUR PARTS** before you begin.  
 We suggest sorting parts by the category they are listed in.

### FLOOR

- X2 **TREATED** 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm) Treated lumber is stamped: **TREATED**
- X3 **TREATED** 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

### ROOF

- X5 **TND** 2 x 4 x 48-11/16" (5,1 x 10,2 x 123,7 cm)

### WALLS

- X2 **RK** 2 x 3 x 13" (5,1 x 7,6 x 33 cm)
- X2 **LK** 2 x 3 x 16" (5,1 x 7,6 x 40,6 cm)
- X4 **OMA** 2 x 3 x 43" (5,1 x 7,6 x 109,2 cm)
- X4 **OT** 2 x 3 x 68" (5,1 x 7,6 x 172,7 cm)
- X5 **PCA** 2 x 3 x 76-1/16" (5,1 x 7,6 x 193,2 cm)
- X4 **PT** 2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)

### TRIM

- X1 **RLZ** 2 x 4 x 24-3/4" (5,1 x 10,2 x 62,9 cm)
- X1 **TM** 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- X1 **OXC** 1 x 3 x 24-3/4" (1,9 x 6,4 x 62,9 cm)
- X1 **HJ** 1 x 3 x 72" (1,9 x 6,4 x 182,9 cm)
- X1 **YSR** 19/32 x 3-1/2 x 54-9/16" (1,5 x 8,9 x 138,6 cm)
- X1 **YSL** 19/32 x 3-1/2 x 54-9/16" (1,5 x 8,9 x 138,6 cm)
- X1 3/8 x 1-3/4 x 73-1/8" (1 x 4,4 x 185,7 cm)
- X1 3/8 x 1-3/4 x 73-1/8" (1 x 4,4 x 185,7 cm)
- X2 3/8 x 1-3/4 x 74-7/16" (1 x 4,4 x 189,1 cm)
- X1 3/8 x 1-3/4 x 81-1/8" (1 x 4,4 x 206,1 cm)
- X1 3/8 x 1-3/4 x 81-1/8" (1 x 4,4 x 206,1 cm)
- X2 3/8 x 1-3/4 x 84" (1 x 4,4 x 213,4 cm)
- X1 3/8 x 2-1/4 x 70-1/4" (1 x 5,7 x 178,4 cm)
- X2 3/8 x 2-1/4 x 93-1/4" (1 x 5,7 x 236,9 cm)

### DOOR

- X2 **OO** 69" **Door Stiffener** (175,3 cm)

## WALL PANEL & DOOR PARTS LIST

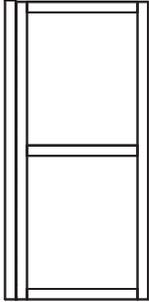
**NOTE:** Panel parts are not stamped with part identification.



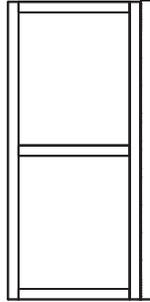
x2  
3/8 x 4-1/4 x 31-15/16"  
(1 x 10,8 x 81,1 cm)



x2  
3/8 x 15-7/8 x 76"  
(1 x 40,3 x 193 cm)



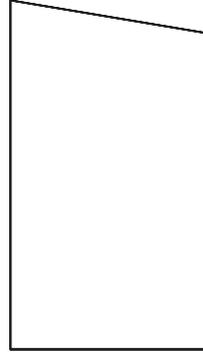
x1  
**LEFT DOOR**



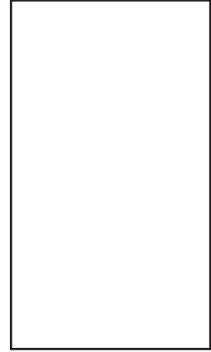
x1  
**RIGHT DOOR**



x1  
3/8 x 48 x 84"  
(1 x 121,9 x 213,3 cm)



x1  
3/8 x 48 x 84"  
(1 x 121,9 x 213,3 cm)

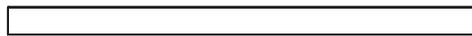


x2  
3/8 x 48 x 84"  
(1 x 121,9 x 213,3 cm)

## ROOF PANELS



x1  
7/16 x 48 x 96"  
(1,1 x 121,9 x 243,8 cm)



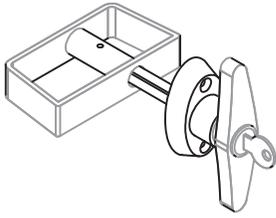
x1  
7/16 x 5-1/2 x 96"  
(1,1 x 14 x 243,8 cm)

**Roof panels are 7/16" (1,1 cm) thick.**

## DOOR HARDWARE

**T-HANDLE**

x1

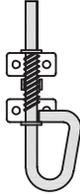


x2



1-1/2" (5,1 cm)  
Included with T-Handle

x2



x8



1" (2,5 cm)  
Included with barrel bolt

**METAL THRESHOLD**

x1



64" (162,6 cm)

x11



3/4" (19 mm)  
Bagged separately \ special coating

## NAIL BOXES

x1 BOXES



3" (7,6 cm)

x2 BOXES



2" (5,1 cm)

## FASTENER/HARDWARE BAG

x100



1-1/2" (3,81 cm)

x90



2" (5,0 cm)

x32



3" (7,6 cm)

x34



2" (5,0 cm)

x20



1-1/4" (3,2)

x40



3/4" (19 mm)

## NOTES

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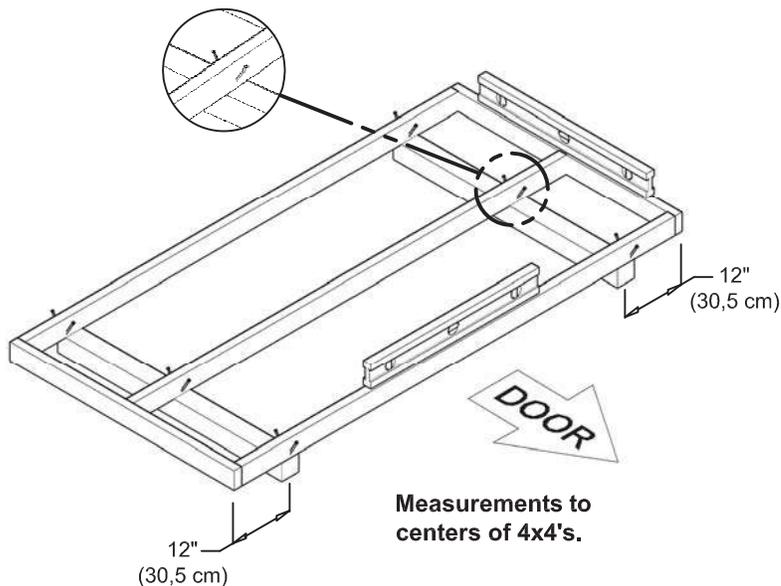
# LEVELING OPTIONS

There are multiple ways to level your floor frame. Our recommended leveling method is shown below.

Leveling materials are not included in this kit.

## PREFERRED METHOD - 4 X 4 TREATED RUNNERS

- 3" (7,6 cm) Screws angled into 4 x 4.
- (2) at each point frame and 4 x 4 touch.



### MATERIAL REQUIRED

x1 4" x 4" x 8' (10,2 x 10,2 x 243,8 cm) Treated Lumber

Fasteners for Frame to 4" x 4".

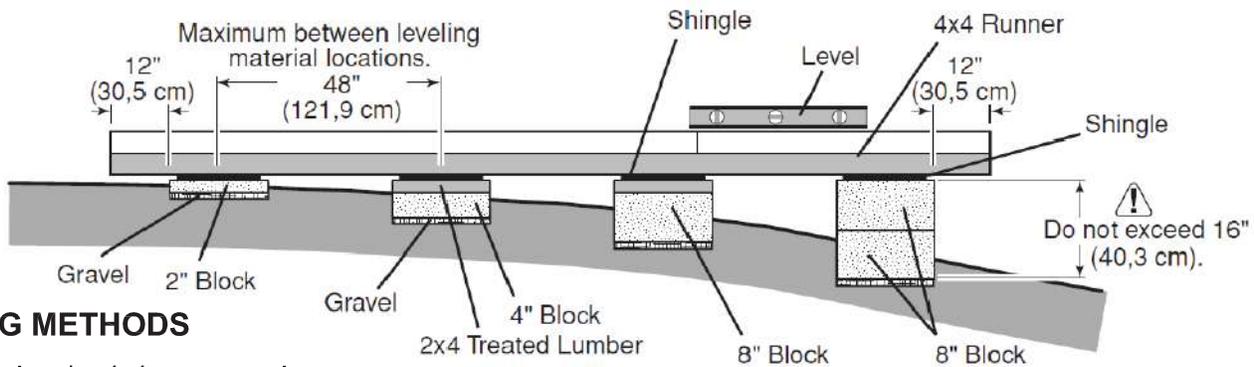
(3"(7,6 cm) Screws shown as one option.) Minimum (12) 3" (7,6 cm) screws / exterior grade.



Use only wood treated for ground contact and fasteners approved for use with treated wood.



Always support frame seams.



### LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" (30,5 cm) from ends of runners and no more than 48" (121,9 cm) apart.
- Asphalt shingles should be used between 4x4 runners and blocks or treated lumber. Never use shingles in direct contact with ground.
- For best results and aiding in water drainage use gravel under each concrete block.

### MATERIAL REQUIRED

Gravel

Solid Masonry Blocks in 1", 2", 4" or 8" thickness

2x4 Treated Lumber

Asphalt Shingles



Leveling higher than 16" (40,3 cm) is not recommended.

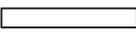
### CONCRETE

- If you are building your shed on concrete foundation see following page.



# FLOOR

## Parts Required:

- X3 Treated 2 x 4 x 93" 
- X2 Treated 2 x 4 x 48" 

Note: Look for the  
TREATED Stamp



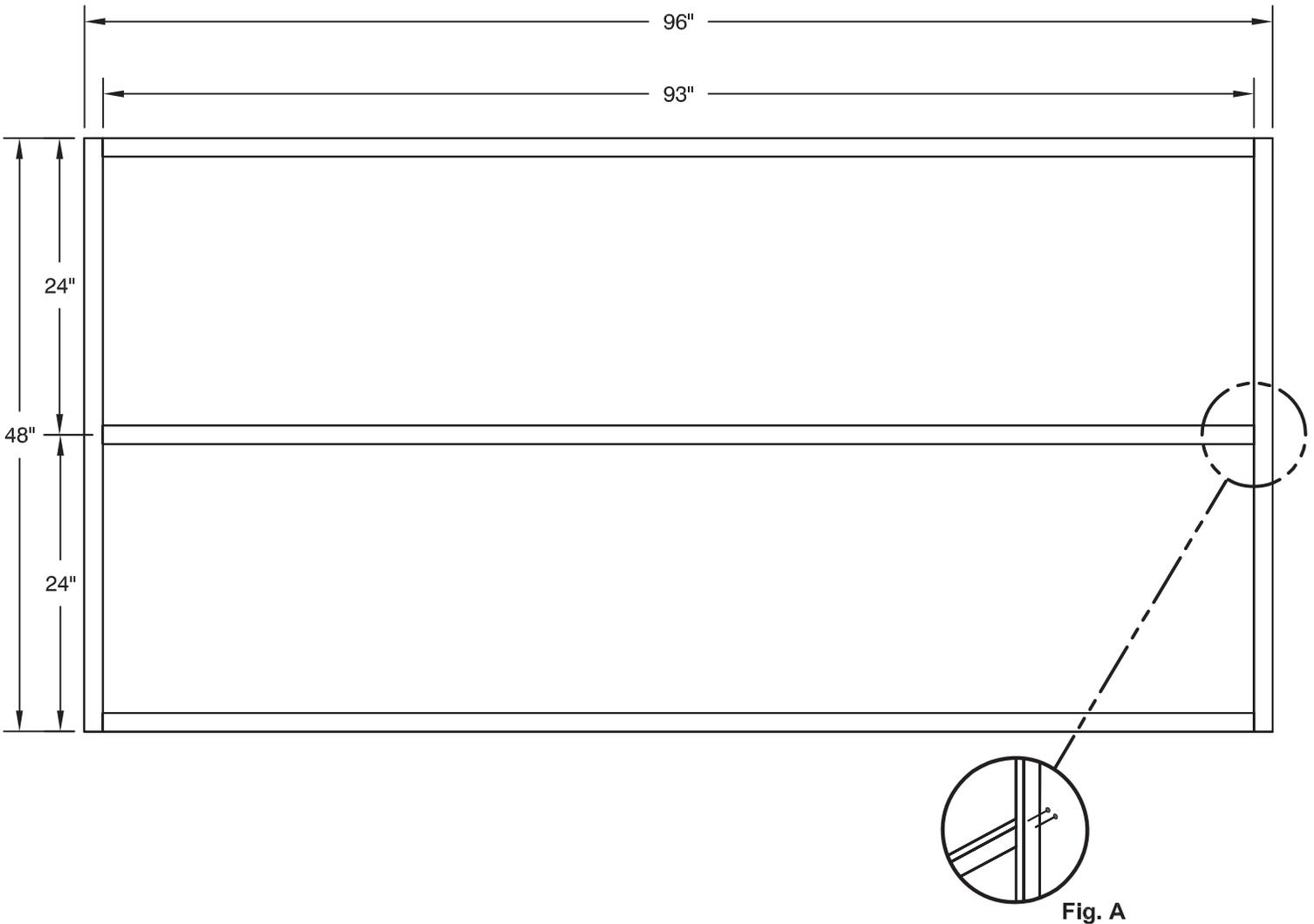
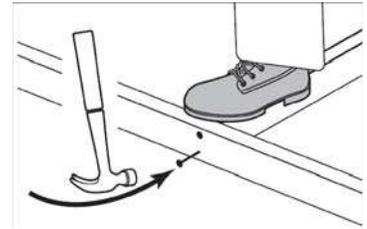
## Fasteners Required:

- X12 3" Nails

## ASSEMBLY STEPS / NOTES:

1. Mark location of joists 24" on center.
2. Use two (2) 3" nails at each joist (Fig A).
3. Proceed to install the floor panel.

Hint!  
For easier nailing  
stand on frame



## FLOOR FRAME

**STOP!**



### LEVEL AND SQUARE FLOOR FRAME



**STOP!**

Before attaching floor decking, it is important to level and square the floor frame. A level and square floor frame is required to correctly construct your shed.



#### Begin



- 1) See page 7 for the preferred floor leveling method.
- 2) Use level and check the frame is level before applying floor panels
- 3) Check for frame squareness by measuring diagonally across the corners. If the measurements are the same, the frame is square. the diagonal measurement will be approximately 107-5/16" (439,6 cm).
- 4) When the frame is level at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (**Fig. A**).
- 5) Once the floor is level and square fasten the frame at each point the frame contacts the 4x4 runners.

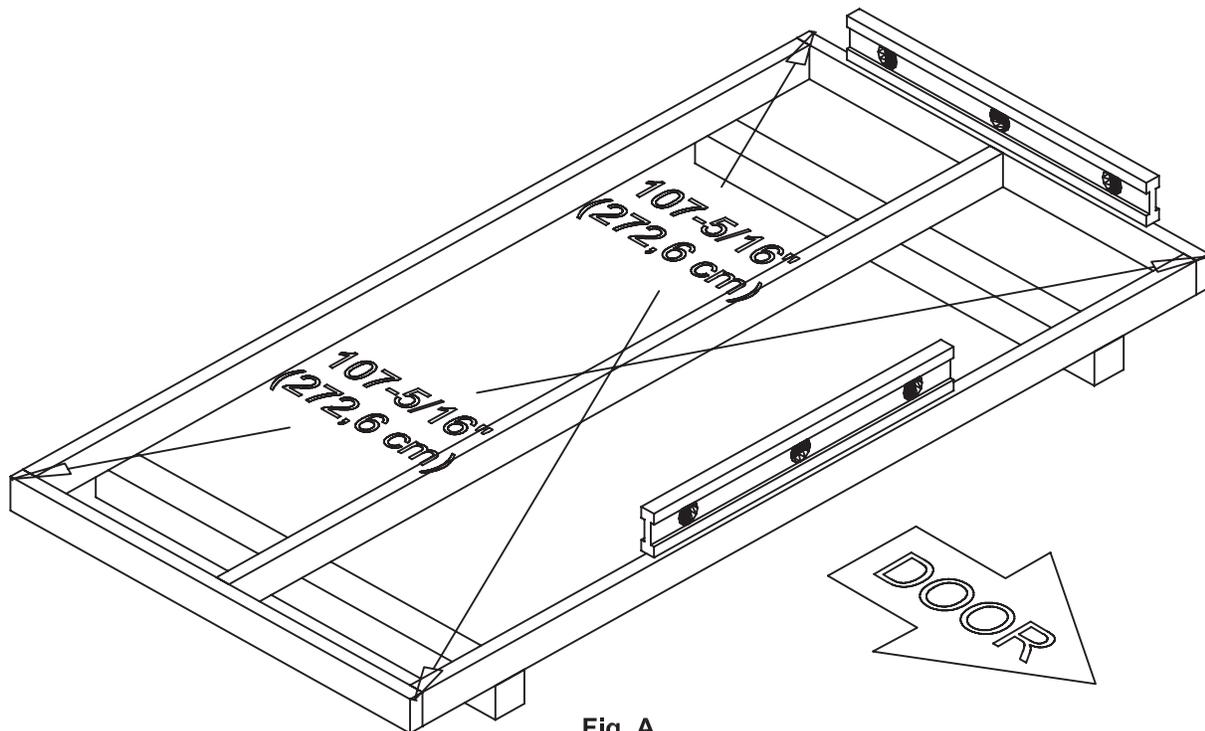


Fig. A

# FLOOR PANEL (NOT INCLUDED)

## Parts Required:

X1 5/8 (min) x 48 x 96" OSB



Floor Panels Not Included

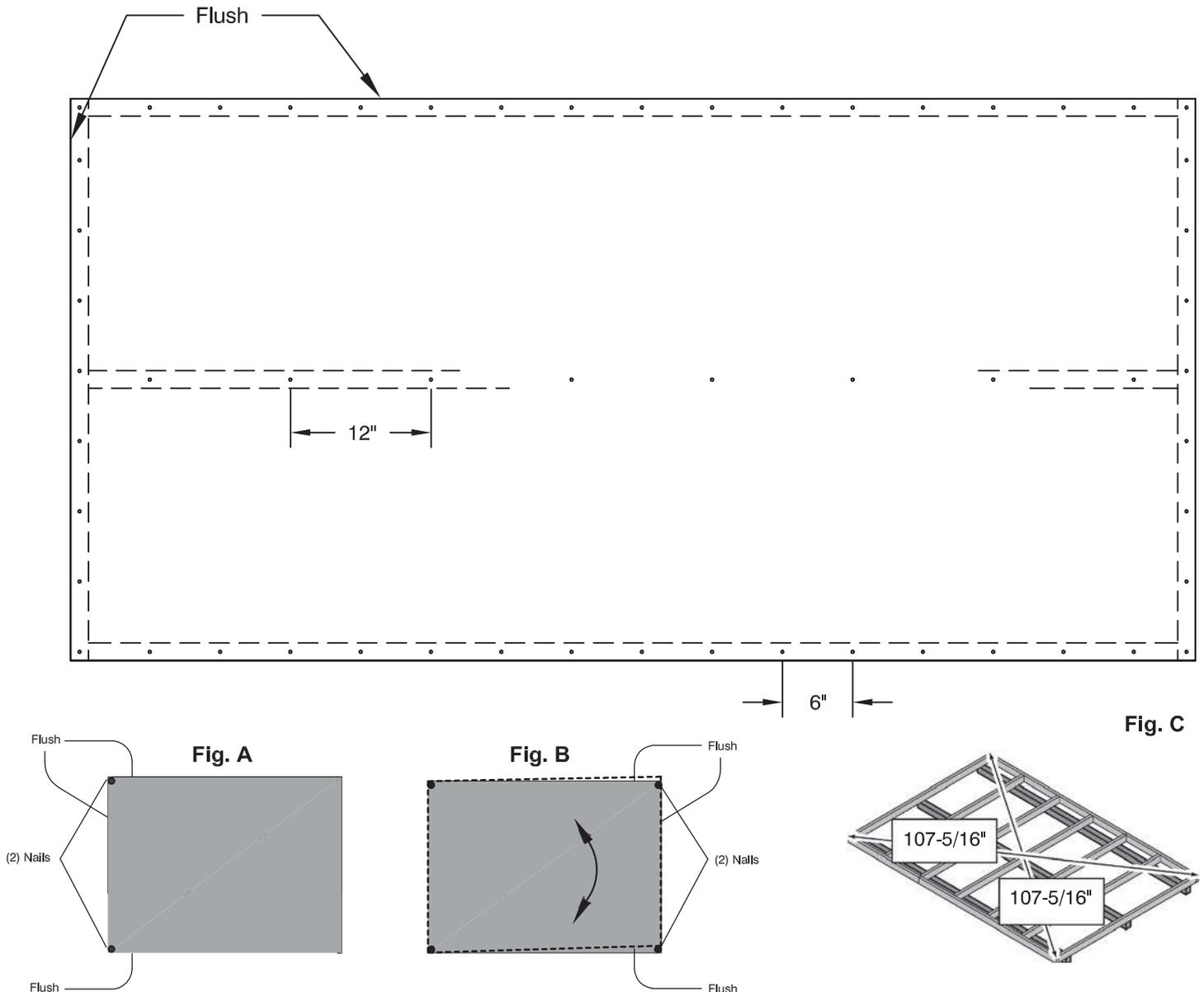
## Fasteners Required:

X64 2" Nails

## ASSEMBLY STEPS / NOTES:

**Ensure your floor frame is square by installing one panel and squaring frame.**

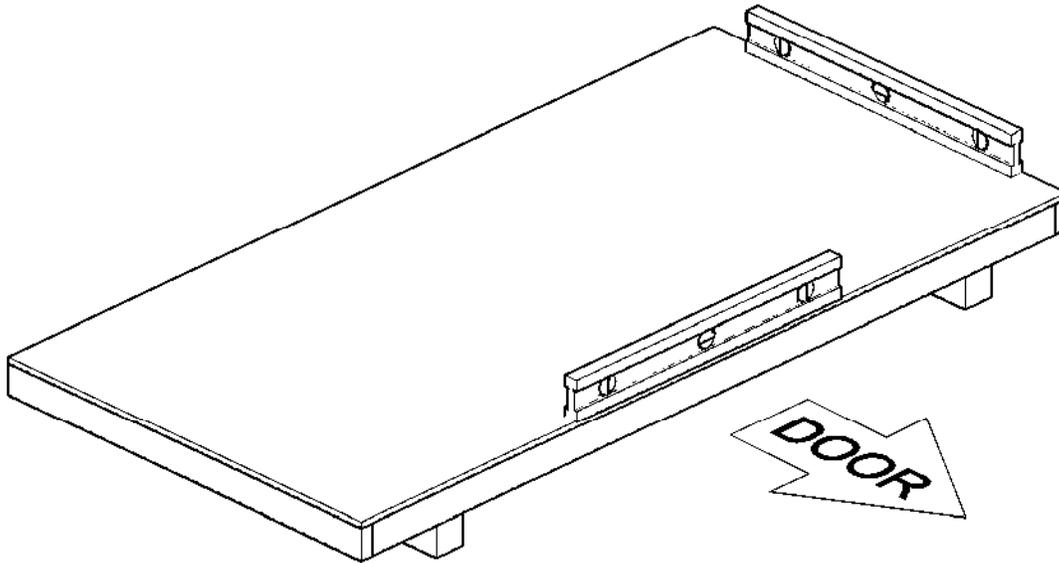
1. Attach the 48 x 96" panel with the rough side up (painted-grid lines side) with the 48" edge and corner flush to the floor frame (Fig A). Secure panel with two 2" nails in the corners.
2. Move to the opposite side. Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the floor frame (Fig. B). Secure panel with two 2" nails in the corners.
3. Continue attaching the panel using 2" nails 6" apart on edges and 12" apart inside panel. Use a chalk line or use pre-painted grid lines to nail into joists under panel.



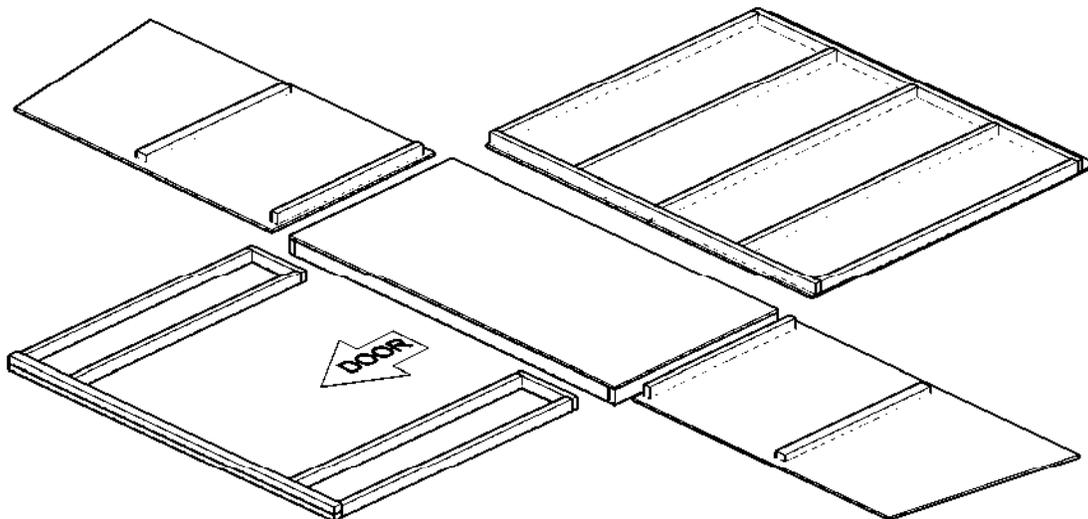
**! IMPORTANT!**

**STOP!**

Check the floor frame is level after installing floor panels. Re-level if needed.



- Organize your assembly procedure during the build process to avoid over-handling of the walls



# DOOR HEADER ASSEMBLY

## Parts Required:

X2 2" x 3" x 96" PT

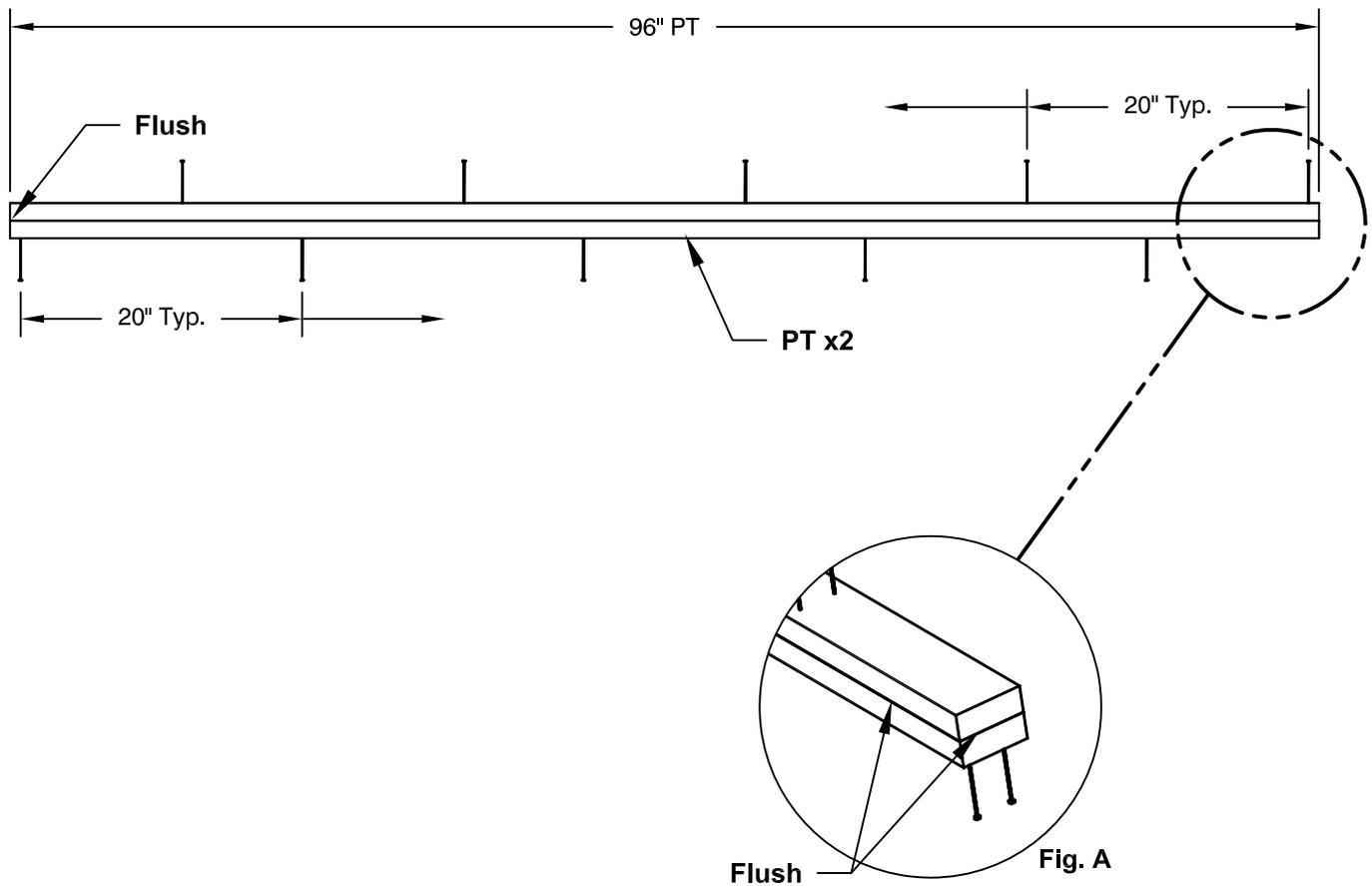


## Fasteners Required:

X20 3" Screws

## ASSEMBLY STEPS / NOTES:

1. Orient the two PT parts on floor as shown. Keep all edges flush.
2. Attach with 3" screws, five sets of two staggered on each side (Fig A).



# FRONT WALL FRAME

## Parts Required:

X1	Header Assembly		
X4	2 x 3 x 68"	OT	
X2	2 x 3 x 16"	LK	
X2	2 x 3 x 13"	RK	

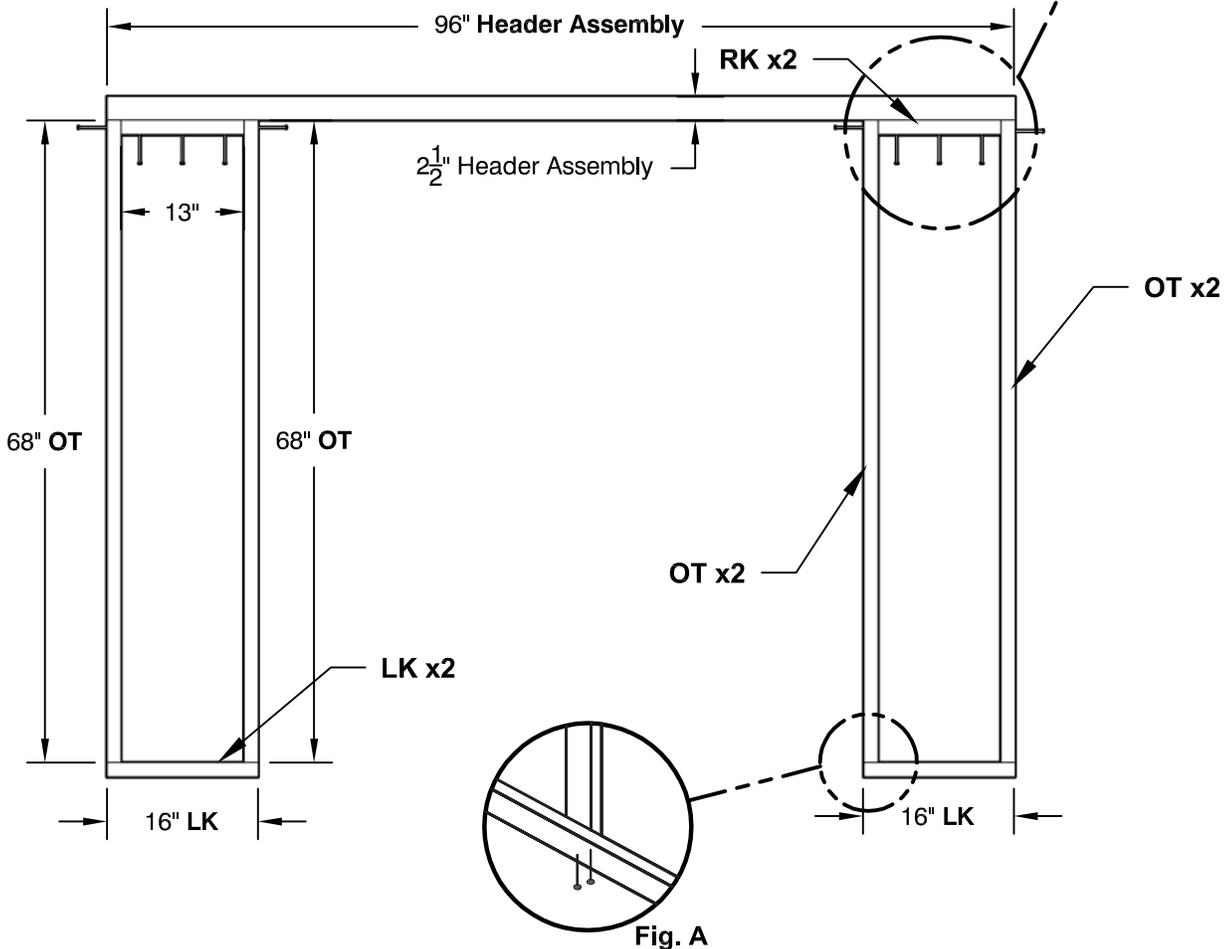
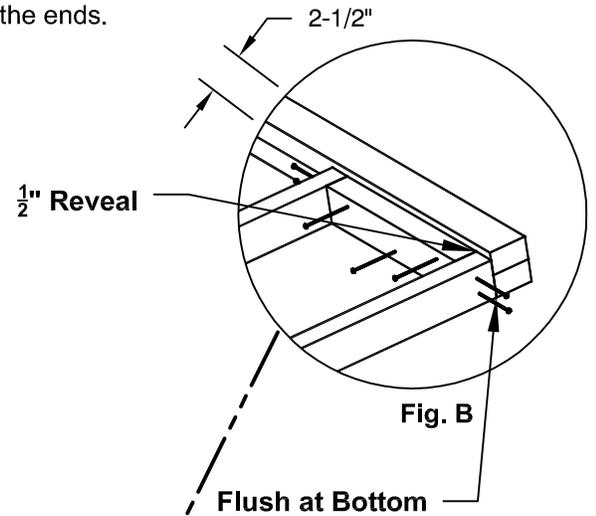
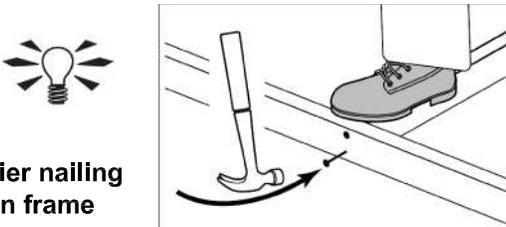
## Fasteners Required:

X30 3" Nails

## ASSEMBLY STEPS / NOTES:

- Orient parts on floor as shown. Measure and mark.  
Orient Header assembly with 2-1/2" side as shown. NOTE: Header Assembly will be flush to the back side. There will be a 1/2" reveal on top. (Fig. B)
- Attach with 3" nails, two at each connection (Fig A).
- Use three 3" nails to attach **RK** to Header Assembly, (Fig B) before nailing the ends.
- Carefully flip wall over for panel installation.

**Hint!**  
For easier nailing  
stand on frame



# FRONT WALL PANEL

**Parts Required:**

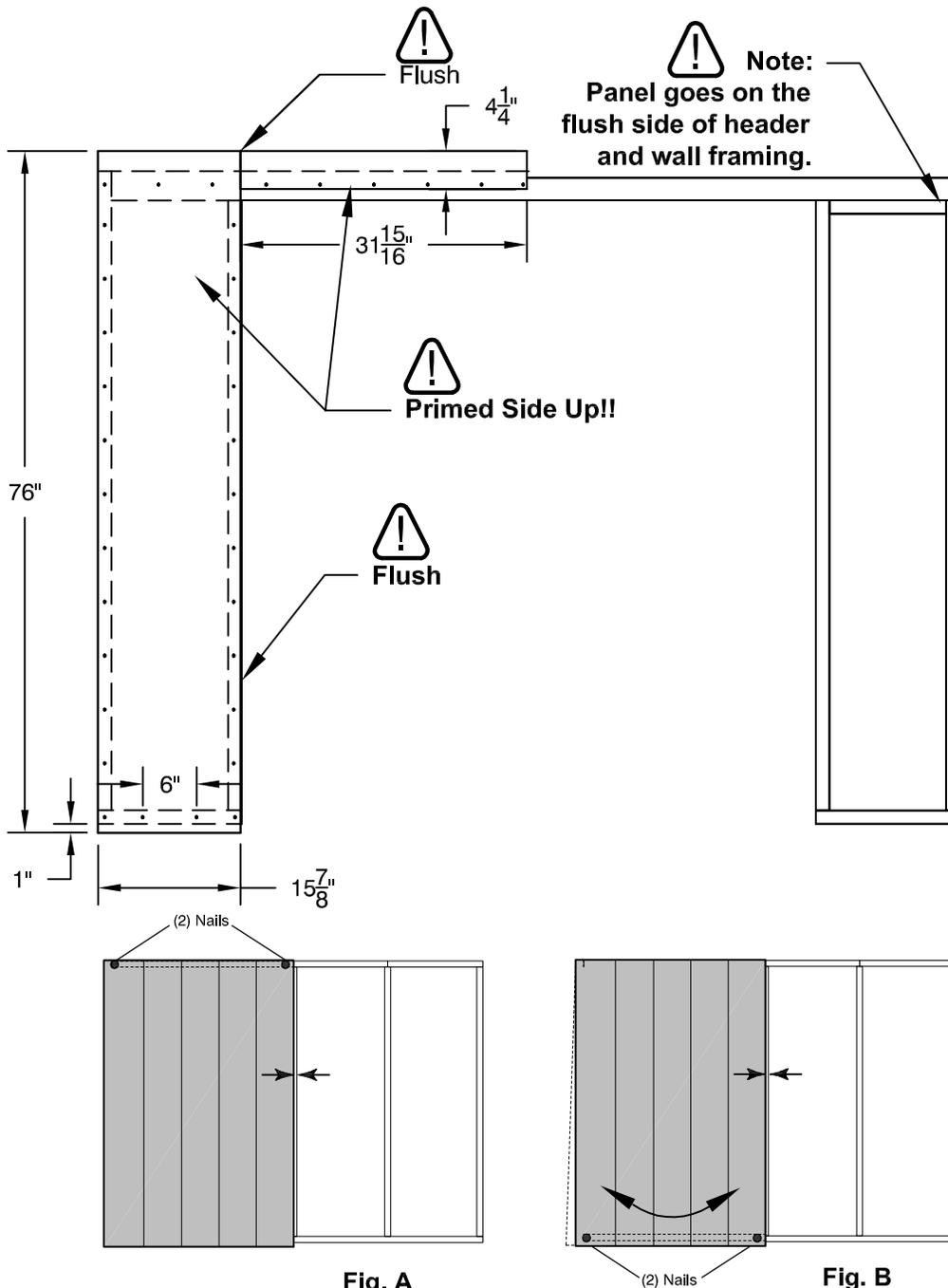
- X1  $\frac{3}{8}$  x 15-7/8 x 76" Wall Panel
- X1  $\frac{3}{8}$  x 4-1/4 x 31-15/16" Over Door Panel

**Fasteners Required:**

- X35 2" Nails

**ASSEMBLY STEPS / NOTES:**

1. Place the 15-7/8 x 76" panel onto the wall frame with primed side up as shown. The panel will be flush with the inside wall stud. **Leave 1" overhang on the bottom!** Secure top of panel with two 2" nails in the corners (Fig. A).
2. Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you are flush with the inside stud. Secure corner with two 2" nails (Fig. B).
3. Nail the panel using 2" nails 6" apart on edges.
4. Place the 4-1/4 x 31-15/16" flush to the top of, and against the previous panel. Nail into place with 2" nails 6" apart.



**NOTE:** Images in Fig's A & B are for reference only. Your wall may vary slightly.

# FRONT WALL PANEL

## Parts Required:

X1	$\frac{3}{8}$ x 15-7/8 x 76"	Wall Panel	
X1	$\frac{3}{8}$ x 4-1/4 x 31-15/16"	Over Door Panel	
X1	2 x 3 x 69"	OO	

## Fasteners Required:

X35	2" Nails
X2	3" Screws

## ASSEMBLY STEPS / NOTES:

5. Place the 15-7/8 x 76" panel onto the wall frame with primed side up as shown. The panel will be flush with the inside wall stud. **Leave 1" overhang on the bottom!** Secure top of panel with two 2" nails in the corners (Fig. A).
6. Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you are flush with the inside wall stud. Secure corner with two 2" nails (Fig. B). Nail the panel using 2" nails 6" apart on edges.
7. Place the 4-1/4 x 31-15/16" flush to the top of, and against the previous panel. Nail into place with 2" nails 6" apart.
8. Attach brace **OO** with one 3" screw at each end to hold the 64" door opening.
9. You have finished your front wall.

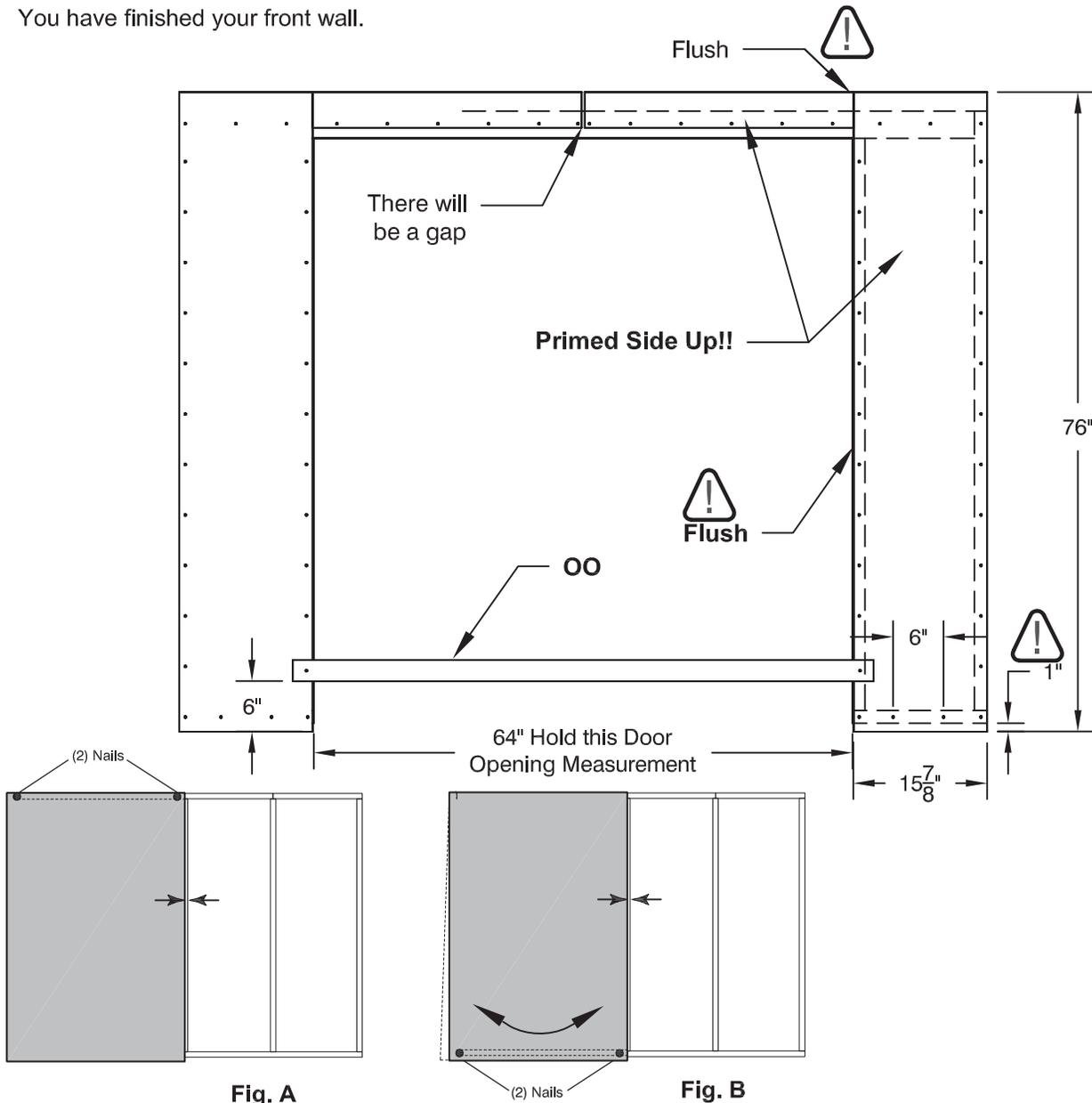


Fig. A

Fig. B

**NOTE: Images in Fig's A & B are for reference only. Your wall may vary slightly.**

# BACK WALL FRAME

## Parts Required:

X2 2 x 3 x 96" **PT**

X5 2 x 3 x 76-1/16" **PCA**

## Fasteners Required:

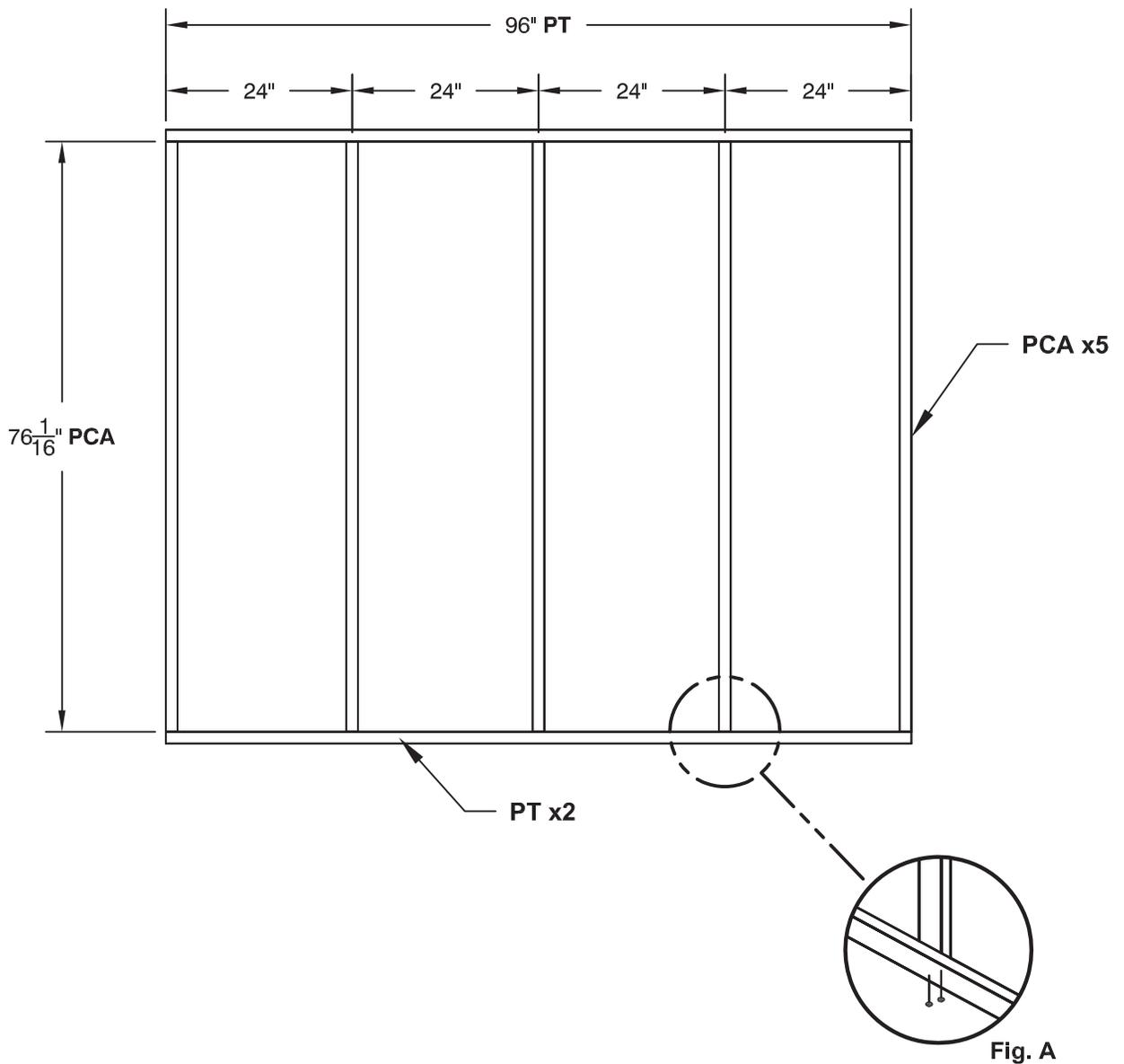
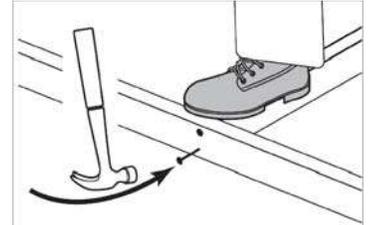
X20 3" Nails

## ASSEMBLY STEPS / NOTES:

1. Orient parts on edge on floor as shown. Measure and mark 24" on center.
2. Attach with 3" nails, two at each connection (Fig A).



**Hint!**  
For easier nailing  
stand on frame



# BACK WALL PANEL

## Parts Required:

X1 3/8 x 48 x 84" Wall Panel

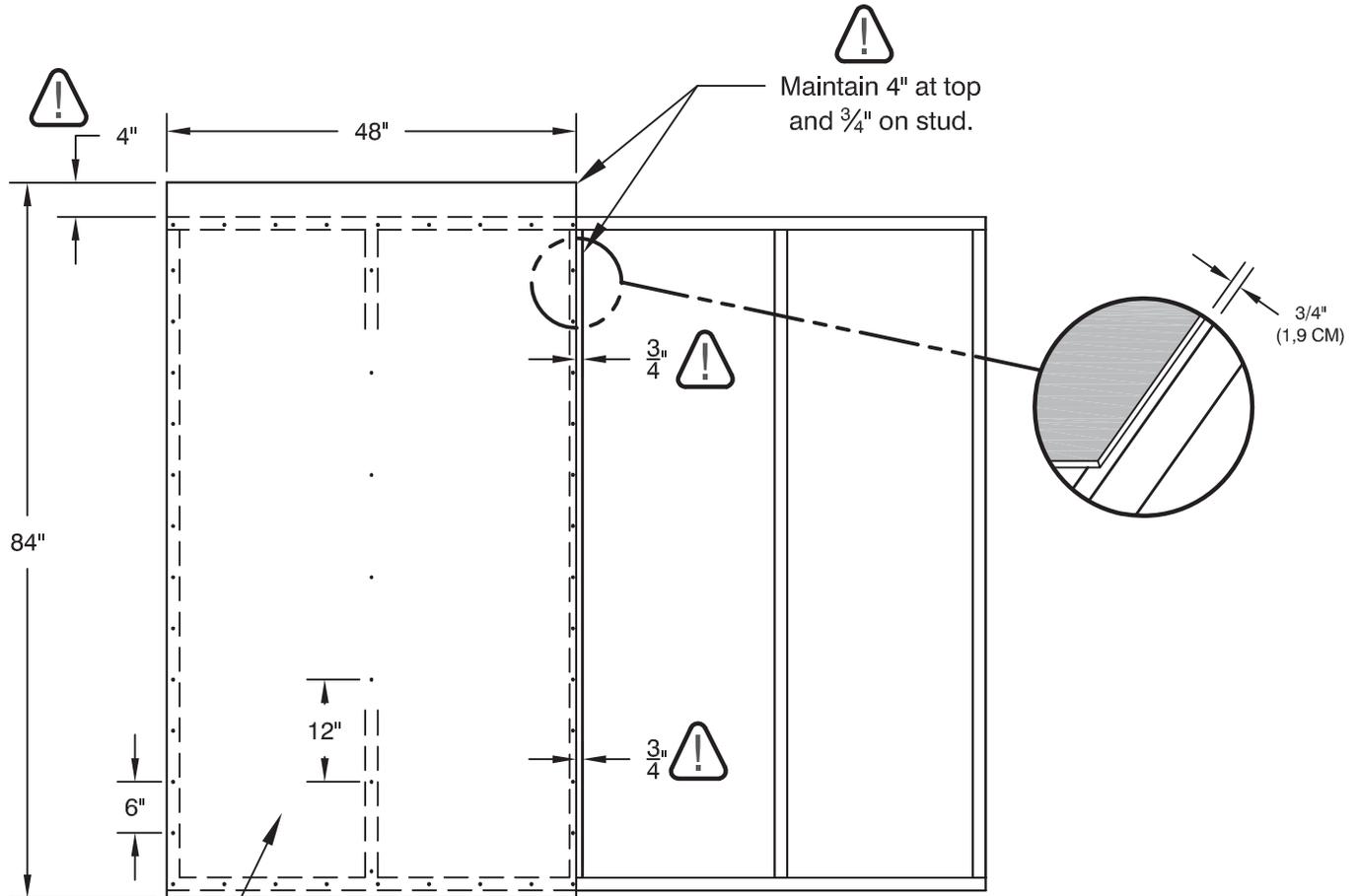


## Fasteners Required:

X49 2" Nails

## ASSEMBLY STEPS / NOTES:

- Place the 48 x 84" panel onto the wall frame with primed side up as shown. The panel will be flush with the outside wall stud. **Leave 4" overhang on top!** Secure top of panel with two 2" nails in the corners (Fig. A).
- Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you have a 3/4" measurement on the middle stud. Secure corner with two 2" nails (Fig. B).
- Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel.



**Primed Side Up!!**

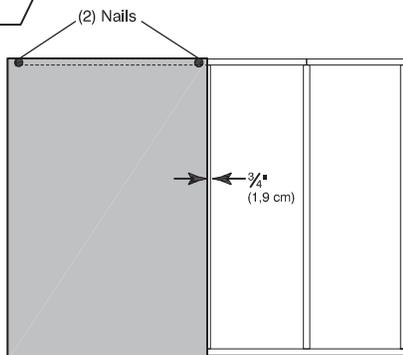


Fig. A

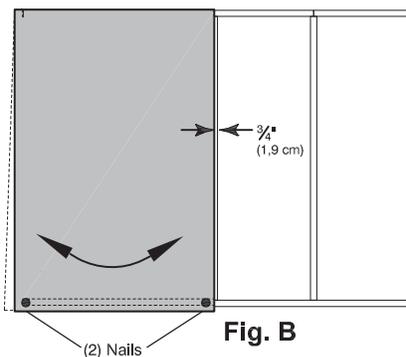


Fig. B

**NOTE: Images in Fig's B & C are for reference only. Your wall may vary slightly.**

# BACK WALL PANEL

## Parts Required:

X1 3/8 x 48 x 84" Wall Panel

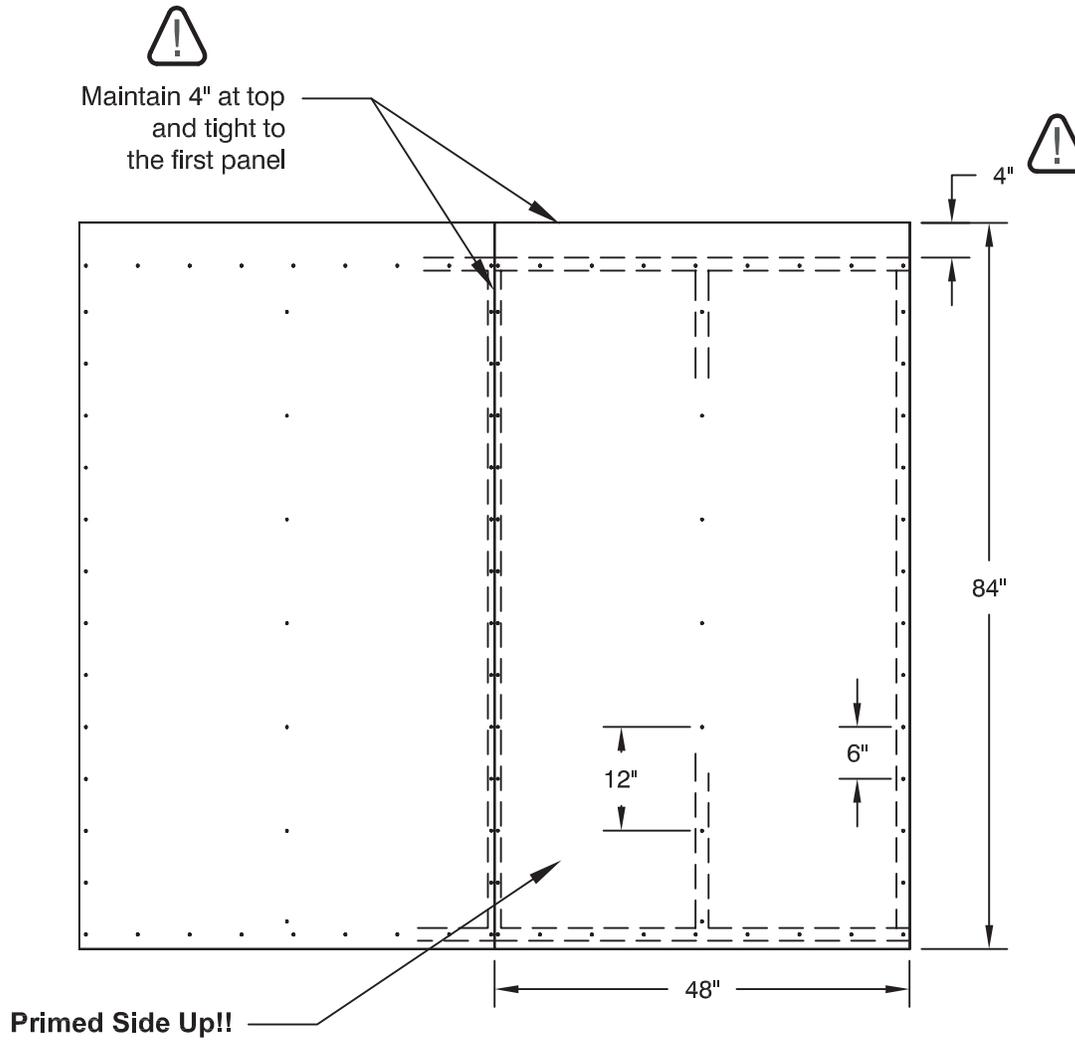


## Fasteners Required:

X49 2" Nails

## ASSEMBLY STEPS / NOTES:

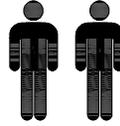
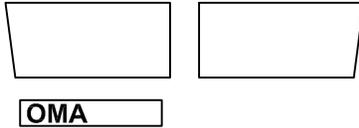
- Place your final back wall 48 x 84" panel on frame as shown with primed side facing up. Keep tight to the first panel, and maintain a 4" overhang on the top. Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel.
- You have finished your back wall.



# SIDE WALL

## Parts Required:

- X1 Side Panel Right
- X1 Side Panel Left
- X4 2 x 3 x 43"

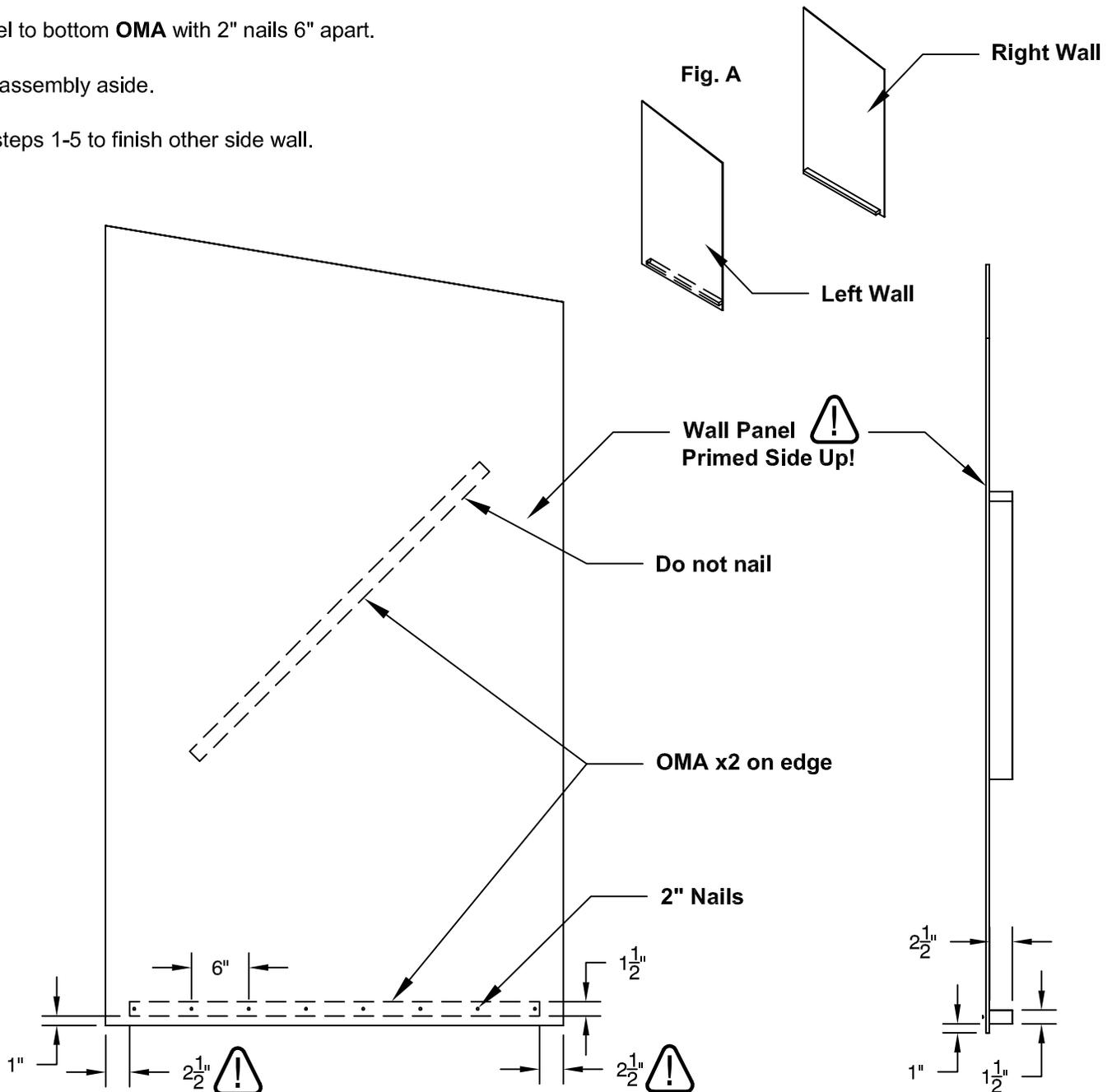


## Fasteners Required:

- X16 2" Nails

## ASSEMBLY STEPS / NOTES:

1. You will build one left and one right side wall (Fig A). Place one **OMA** on edge in middle of floor. This will be used for a support only, do not nail.
2. Place a second **OMA** on edge at one end of the floor.
3. Set wall panel, **Primed Side Up**, on **OMAs**. Hold panel 1" down from bottom **OMA** and 2-1/2" in from each side.
4. Nail panel to bottom **OMA** with 2" nails 6" apart.
5. Set wall assembly aside.
6. Repeat steps 1-5 to finish other side wall.



# STANDING WALLS

## Parts Required:

X1	Front Wall Assembly
X1	Back Wall Assembly
X2	2 x 3 x 43"

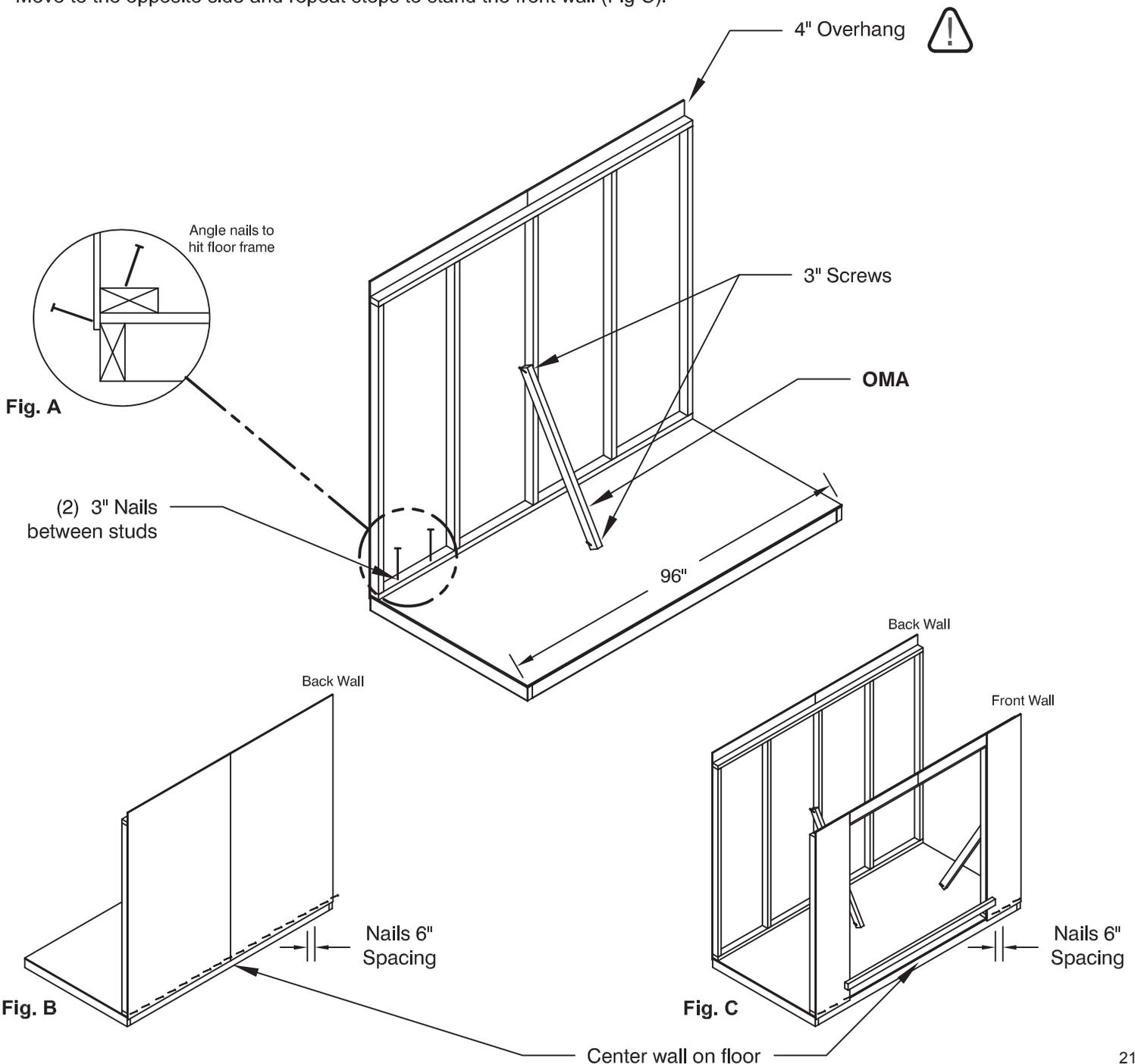
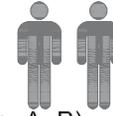
**OMA**

## Fasteners Required:

X23	2" Nails
X12	3" Nails
X4	3" Screws

## ASSEMBLY STEPS / NOTES:

- Stand back wall on floor. The 4" over hang goes up. Center back wall on the 96" floor dimension.
- Nail along lower edge of panel to floor frame using 2" nails 6" apart. Angle nail to hit floor frame (Fig. A, B).
- Use **OMA** as a temporary brace. Secure with two 3" screws.
- Nail through the bottom plate using two 3" nails between studs. Angle nails to hit floor frame. (Fig. A.)
- Move to the opposite side and repeat steps to stand the front wall (Fig C).



# RAFTERS

## Parts Required:

X5 2 x 4 x 48-11/16"

TND

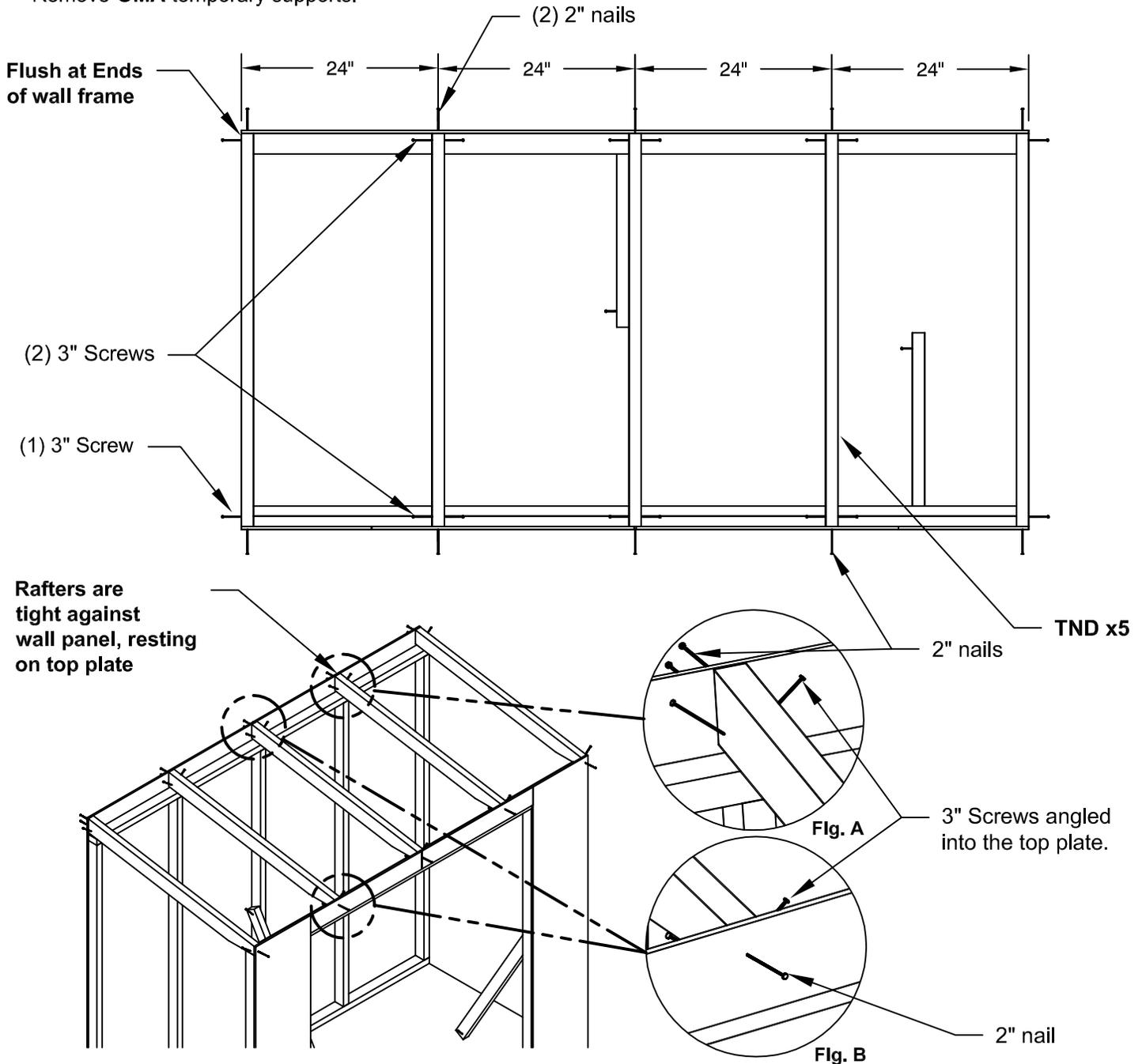
## Fasteners Required:

X15 2" Nails

X16 3" Screws

## ASSEMBLY STEPS / NOTES:

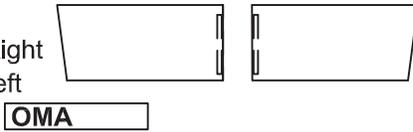
1. Arrange the Rafters **TND** on top of the framing as shown. The rafters will be against the back wall panels resting on the top plate (Fig A). The end rafters will be flush with the end of the wall framing.
2. Using two 3" screws, angle the screws so that they go into the top plate of the framing (Fig. A & B). One screw for the end rafters from outside, and two screws for the inside rafters (Fig A).
3. Nail the wall panel to the rafters using two 2" nails at each rafter on the back (Fig. A), and one 2" nail to each rafter on the front (Fig A & B).
4. Remove **OMA** temporary supports.



# SIDE WALL

## Parts Required:

- X1 Side Panel Assembly Right
- X1 Side Panel Assembly Left
- X2 2 x 3 x 43"

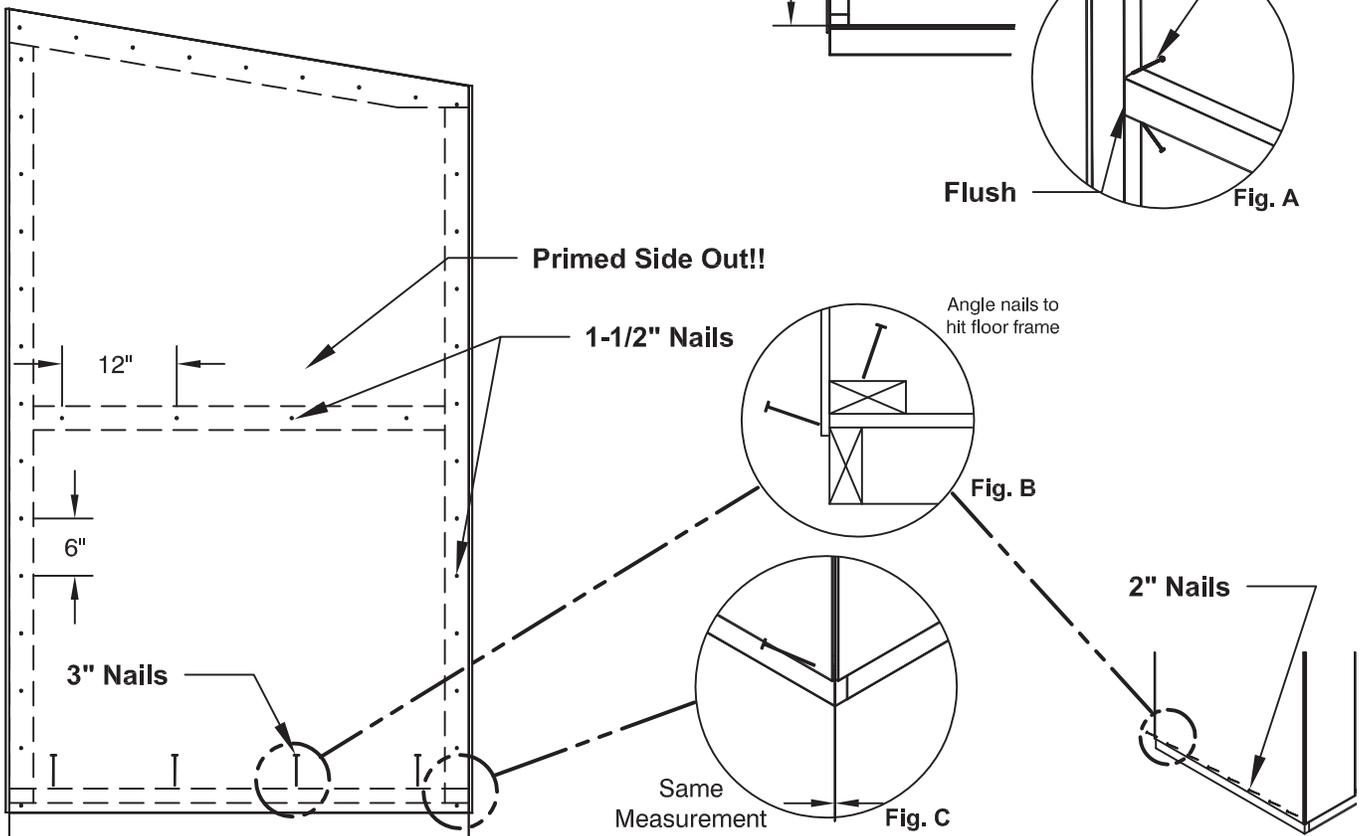
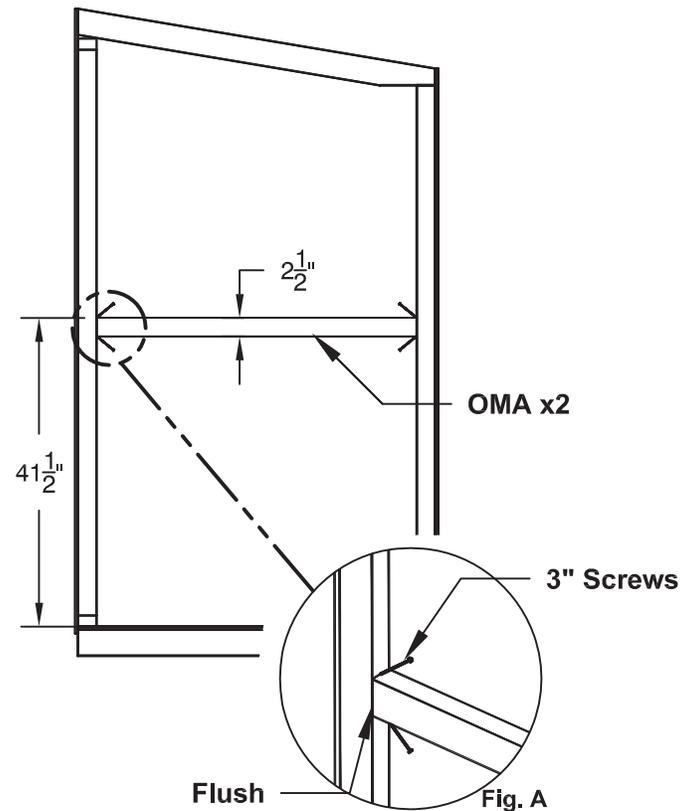


## Fasteners Required:

- X76 1-1/2" Nails
- X16 2" Nails
- X8 3" Nails
- X8 3" Screws

## ASSEMBLY STEPS / NOTES:

1. Orient **OMA** so that the top is 41-1/2" from the floor and flush to the wall frame (Fig. A). Screw into place with 3" screws angled into the wall frames (Fig. A).
  2. Place the side panel assembly centered between framing with **OMA** on the floor deck. Nail one 1-1/2" nail into the bottom corner (Fig. C).
  3. Keep the same measurement between the panels up the length of the side (Fig. C). Nail the panel to the frame using 1-1/2" nails 6" apart on the edge and 12" apart in the center.
  4. Using 2" nails, nail along the bottom angled into the floor frame spaced 6" apart (Fig. B).
- Repeat **Step 3** to secure opposite panel edge.
5. Step inside shed and nail **OMA** to floor using four 3" nails (Fig. B).
  6. Repeat this for the other side.



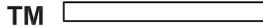
# OVERHANG

## Parts Required:

X1 7/16 x 48 x 96"



X1 2 x 4 x 72" TM



X1 2 x 4 x 24-3/4" RLZ

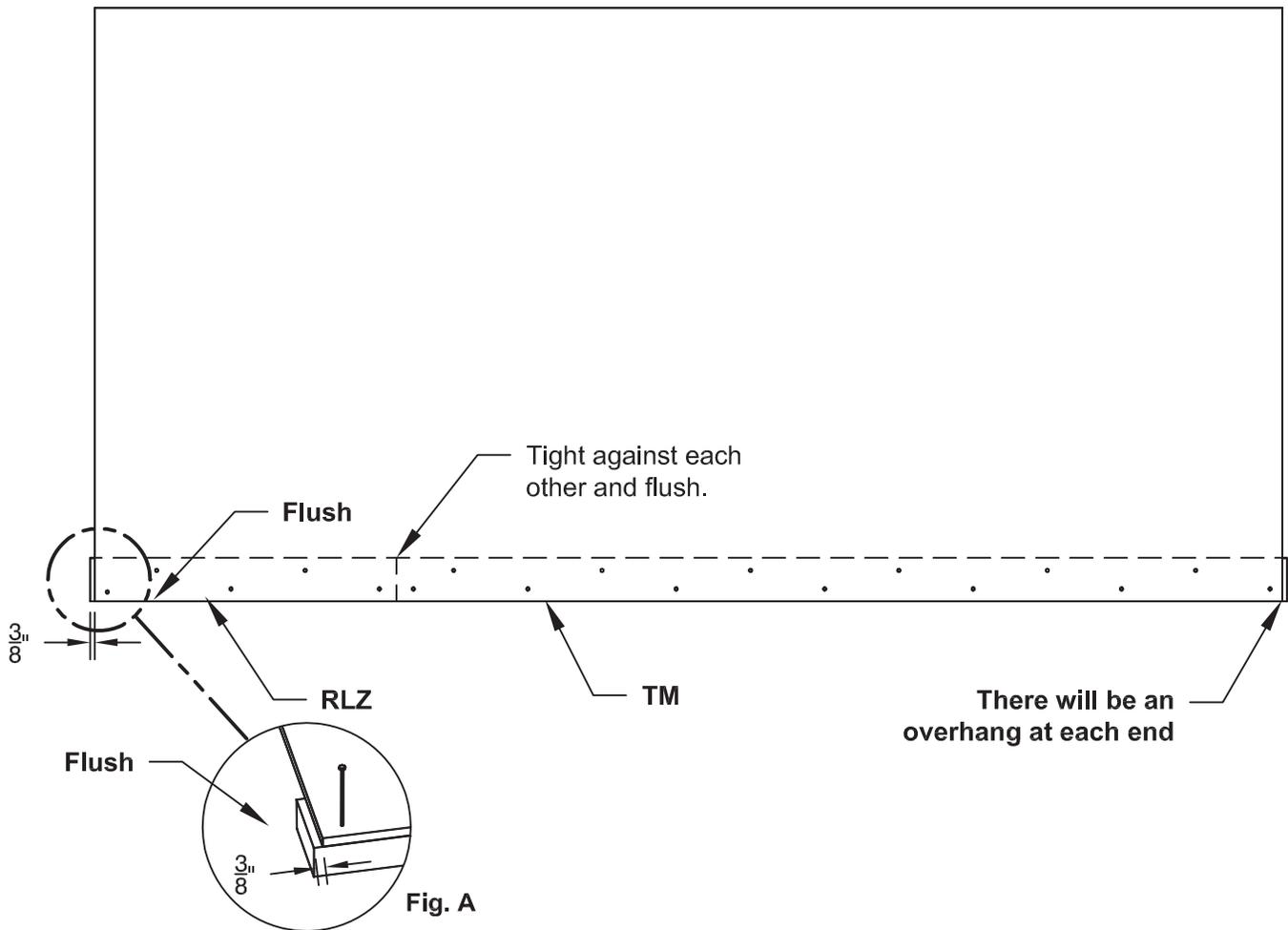


## Fasteners Required:

X18 1-1/4" Screws

## ASSEMBLY STEPS / NOTES:

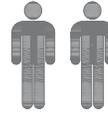
1. Position the 24-3/4" overhang **RLZ** under the 48 x 96" roof panel rough side up (painted grid lines side). The overhang will be flush in front with 3/8" over the side (Fig A).
2. Fasten using five 1-1/4" screws staggered every 6".
3. Locate the 72" overhang **TM** tight against **RLZ** and flush to the front. Fasten using thirteen 1-1/4" screws staggered every 6".



# ROOF

## Parts Required:

X1 7/16 x 48 x 96" Roof Panel w/ overhang

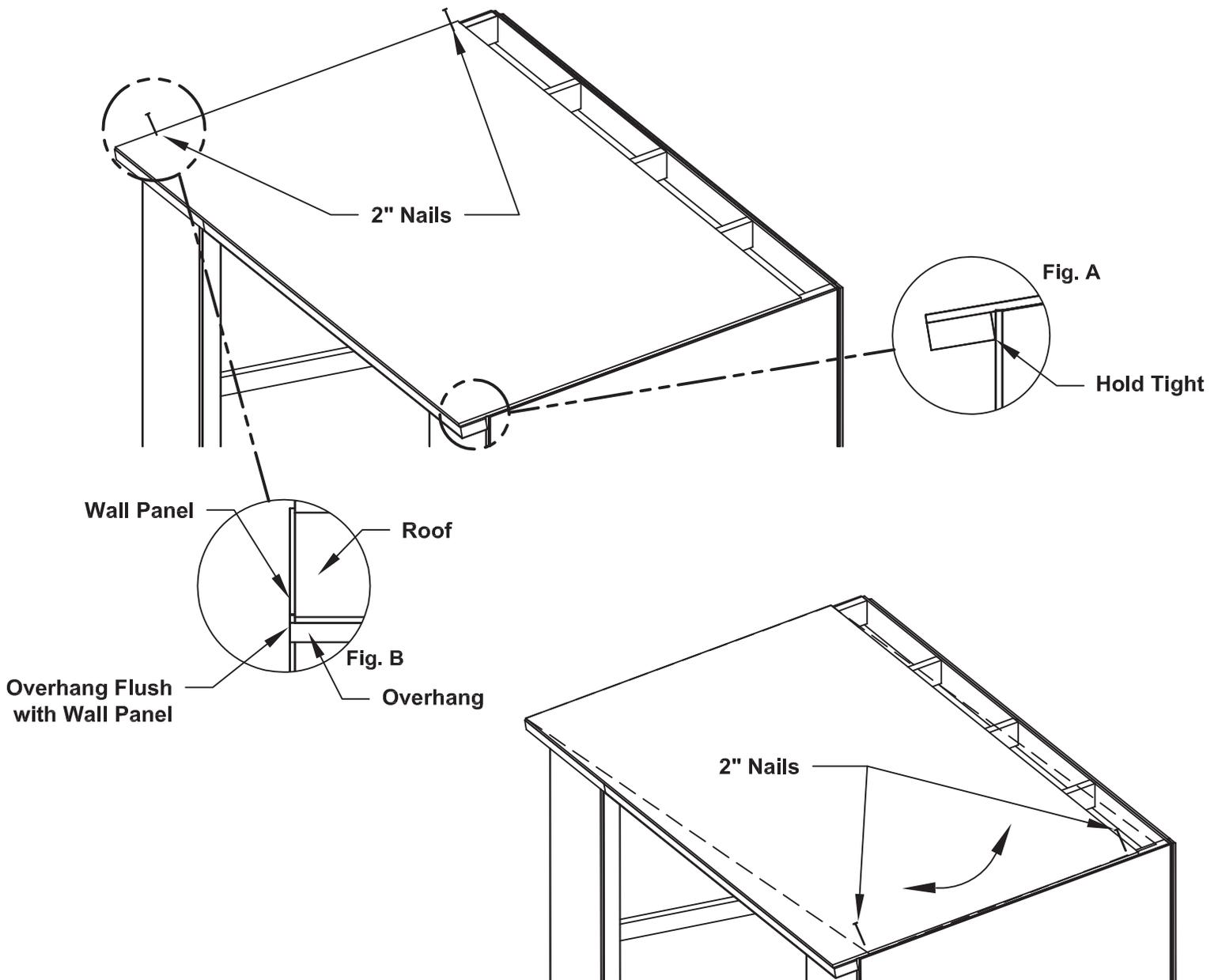


## Fasteners Required:

X4 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Attach the 48 x 96" panel with the rough side up (painted grid lines side) with the overhang pushed tight to the front panel (Fig A), and the panel flush to the inside of the side panels (Fig. B). Secure panel with two 2" nails in the corners at one end.
2. Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until the top corner in flush to the inside of the side wall panel (Fig. B). Secure panel with two 2" nails in the corners.



# ROOF

## Parts Required:

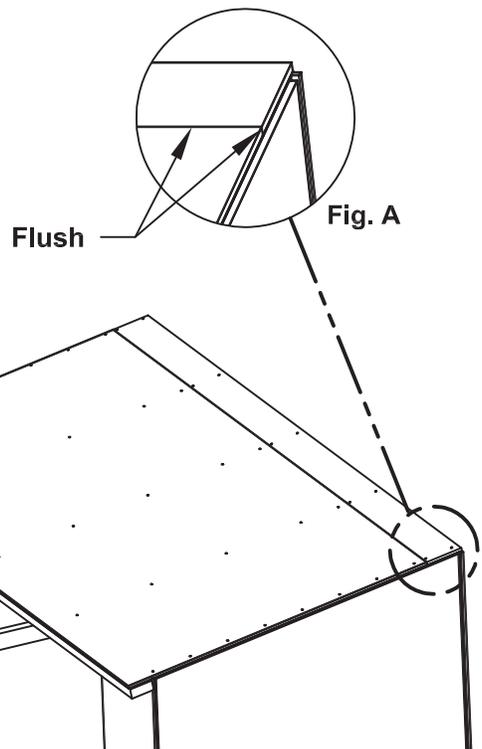
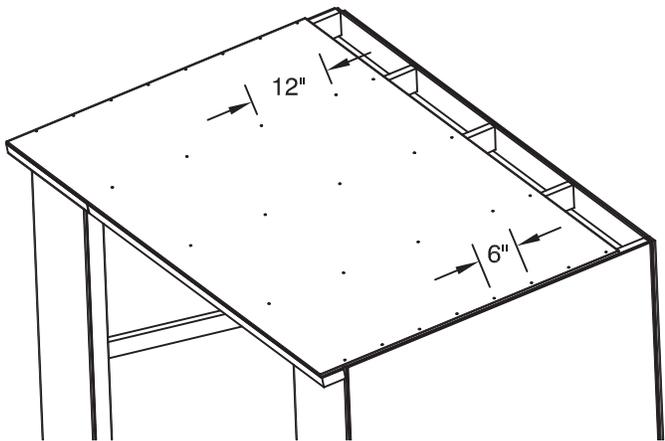
X1 7/16 x 5-1/2 x 96" 

## Fasteners Required:

X39 2" Nails

## ASSEMBLY STEPS / NOTES:

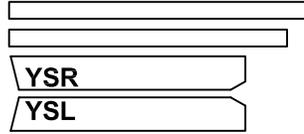
1. Nail the roof panel using 2" nails 6" apart on edges and 12" apart inside rafters.
2. Attach the 5-1/2 x 96" roof panel flush to first panel along edge and sides. (Fig. A).
3. Nail this panel using 2" nails two nails per rafter.



# TRIM

## Parts Required:

X2	3/8 x 1-3/4 x 84"
X2	3/8 x 1-3/4 x 74-7/16"
X1	19/32 x 3-1/2 x 54-9/16"
X1	19/32 x 3-1/2 x 54-9/16"



## Fasteners Required:

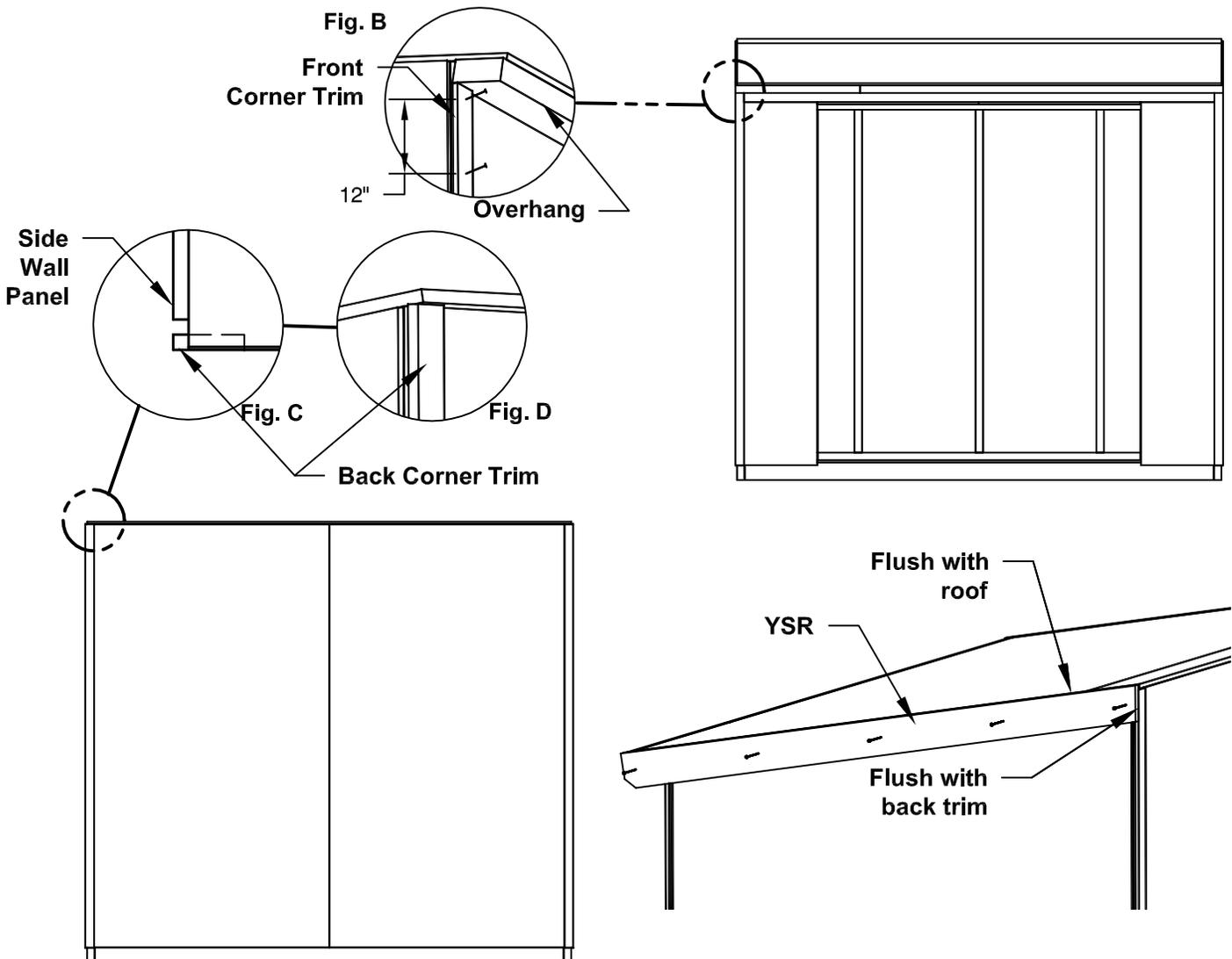
X40 1-1/2" Finish Nails

## ASSEMBLY STEPS / NOTES:

1. Locate 74-7/16" front trim on the front wall flush to outside of the side wall panel (Fig B) and against the overhang (Fig. B) with primed side facing out. Install using 2" finish nails 12" apart.
2. Locate 84" back trim on the back wall flush to outside of the side wall panel (Fig C) and against the Roof Panel (Fig. D) with primed side facing out. Install using 2" finish nails 12" apart.
3. Repeat process for the other front and back corner.
4. Position **YSR** on the right side of the shed primed side out. The back of **YSR** will be flush with the corner trim and the top will be flush with the top of the roof panel. Nail using five 2" finish nails evenly spaced.
5. Repeat step 4 for the left gable trim **YSL**.

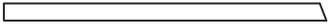
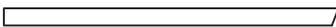


**For all trim parts the primed side is facing out!!**



# TRIM

## Parts Required:

X1	3/8 x 1-3/4 x 73-1/8"	Side Corner Trim Front Right	
X1	3/8 x 1-3/4 x 73-1/8"	Side Corner Trim Front Left	
X1	3/8 x 1-3/4 x 81-1/8"	Side Corner Trim Back Right	
X1	3/8 x 1-3/4 x 81-1/8"	Side Corner Trim Back Left	
X1	3/8 x 2-1/4 x 93-1/4"	Upper Horizontal Trim	

## Fasteners Required:

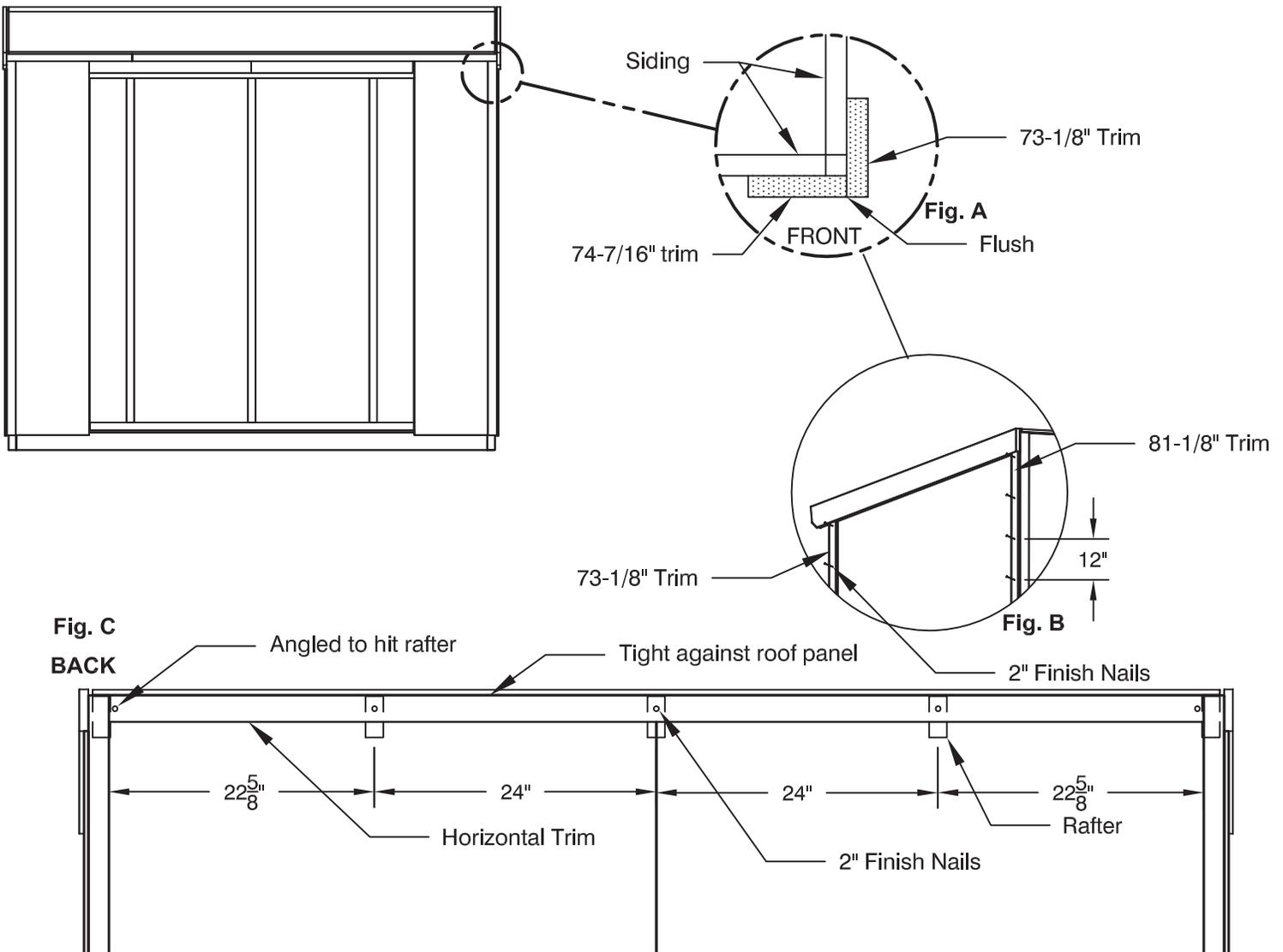
X32 2" Finish Nails

## ASSEMBLY STEPS / NOTES:

1. Side Trim Front (73-1/8") are positioned so that the front edge of the trim is flush with the front trim (Fig. A) and the top is flush to the Side Gable Trim (Fig. B) primed side out. Nail into place with 2" finish nails spaced 12" apart. Repeat this for the Side Back Trim (81-1/8") on both sides.
2. The Back Horizontal Trim (93-1/4") is positioned so the top is flush with the top of the back corner trim (Fig. C). Install primed side out with 2" finish nails spaces 12" apart.



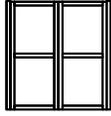
**For all trim parts the primed side is facing out!!**



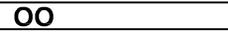
# DOORS

## Parts Required:

- X1 Door Right
- X1 Door Left



- X2 **69" Door Stiffener**

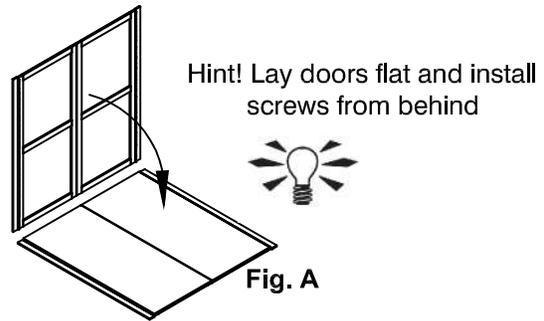
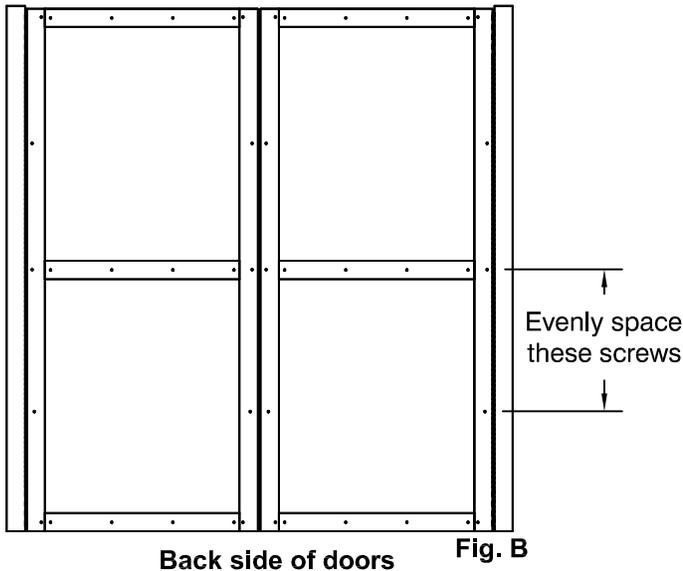


## Fasteners Required:

- X4 3" Screws
- X40  $\frac{3}{4}$ " Screws

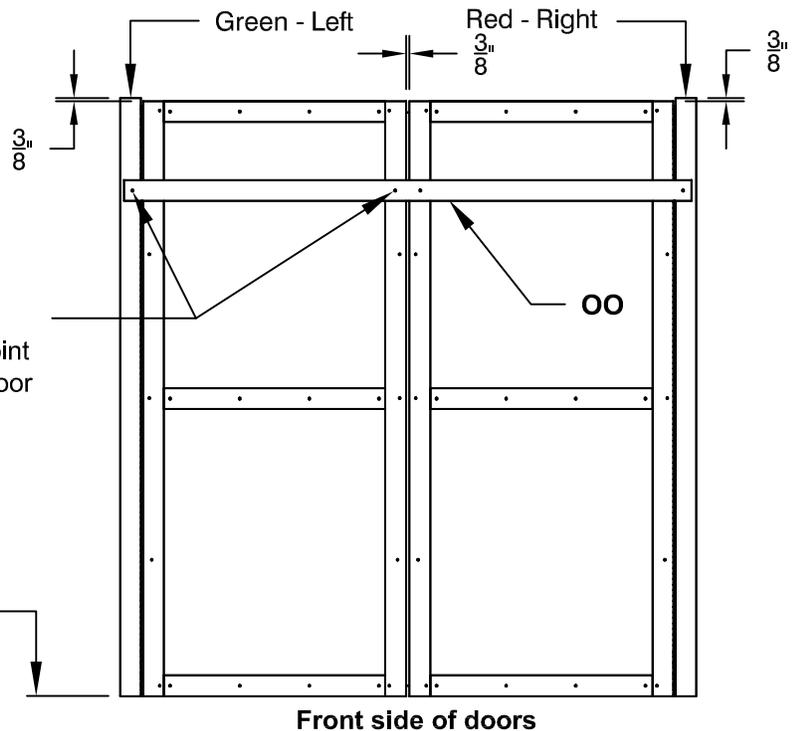
## ASSEMBLY STEPS / NOTES:

1. Reinforce the doors using  $\frac{3}{4}$ " screws from behind the door into the trim. Hint - lay doors flat (Fig. A) for easier screw installation. Install screws to the pattern shown (Fig B).
2. Flip doors back over and orient the doors together so the  $\frac{3}{8}$ " offset is to the same side (Top of door) as shown. Look for GREEN for LEFT door and RED for the RIGHT door. The bottom edges of the doors are flush.
3. Screw on temporary supports across the door trim (Fig C). Use **OO** and **GAA** and tighten screws. Screw point should not protrude from the back of the door.



**! The  $\frac{3}{8}$ " offset is the top of the door**

(4) 3" Screws in **OO**  
Tighten until screw point is flush with back of door



# DOORS

## Parts Required:

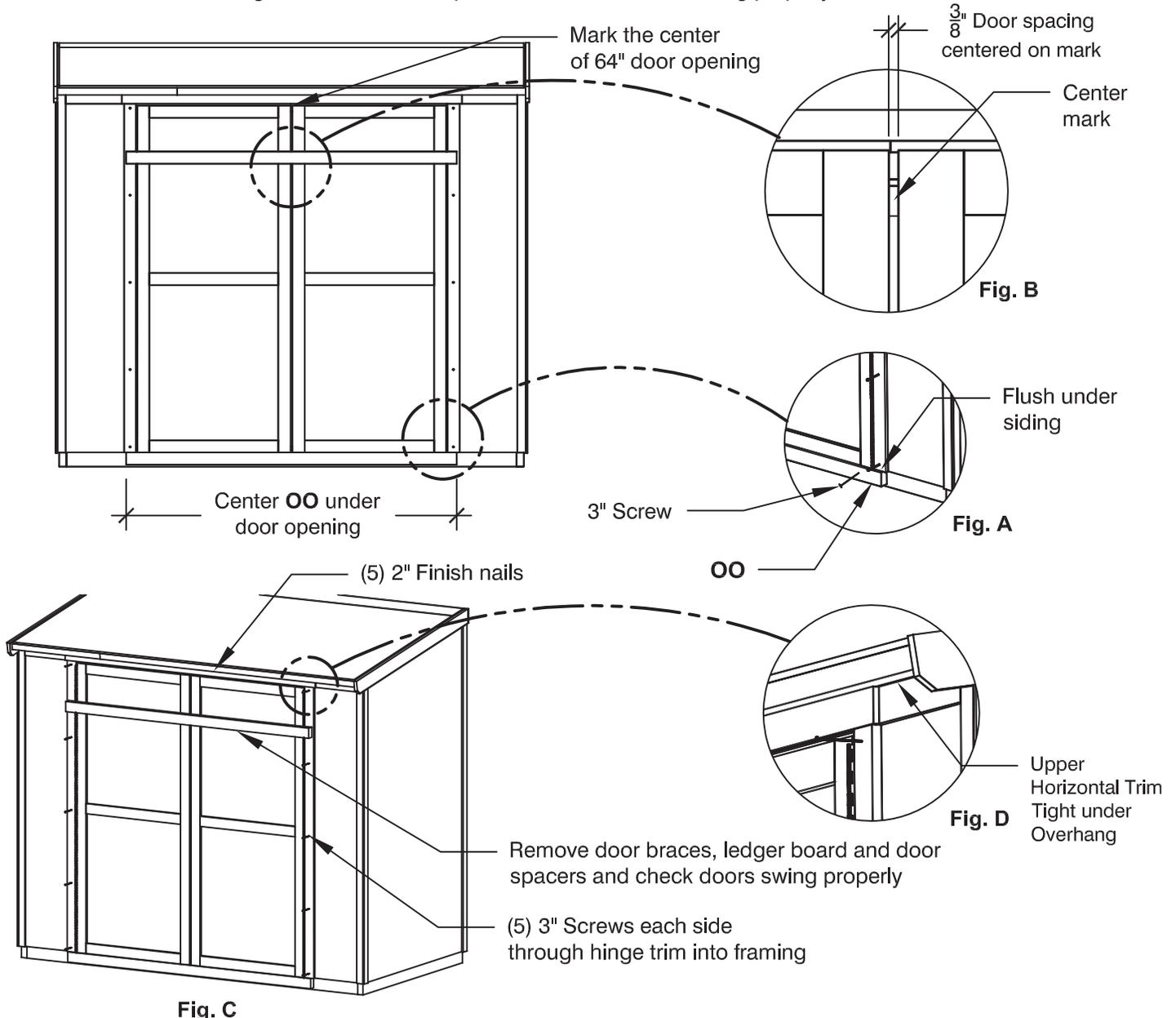
X1	3/8 x 2-1/4 x 93-1/4"	
X1	3/8 x 2-1/4 x 70-1/4"	
X1	<b>69" Door Stiffener</b>	<b>OO</b> 
X1	Door Assembly	

## Fasteners Required:

X13	2" Finish Nails
X12	3" Screws

## ASSEMBLY STEPS / NOTES:

1. Locate Upper Horizontal Trim (3/8 x 2-1/4 x 93-1/4"), primed side out, tight against overhang (Fig. D). Secure with eight 2" finish nails 12" apart.
2. Mark the center of the 64" door opening. Then install **OO** flush under siding using two 3" screws (Fig. A). The doors will rest on **OO** for easier installation
3. Place the door assembly on **OO** with the 3/8" gap centered on the mark (Fig. B). Screw hinge boards into wall framing using 3" screws spaced evenly as shown (Fig. C). **!! Make sure screws go into framing !!**
4. Locate over door trim (3/8 x 2-1/4 x 70-1/4") centered over doors. Trim may fit snug between door and overhang, may need to be tapped into place. Secure using five 2" finish nails (Fig. D).
5. Remove the door braces, ledger board and door spacers. Check the doors swing properly.



# DOORS

## Parts Required:

X2 69" Door Stiffener OO

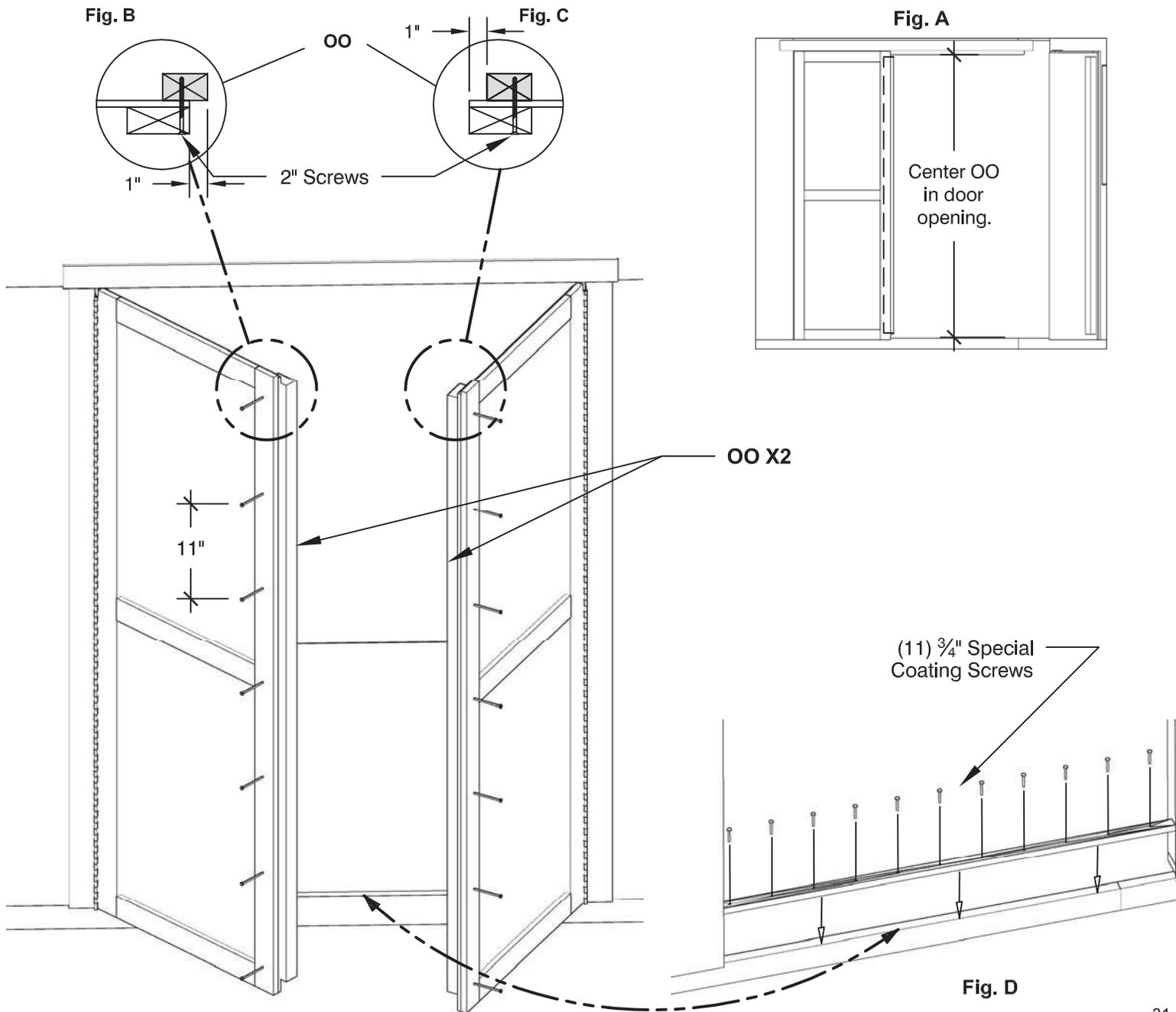
X1 Metal Threshold

## Fasteners Required:

X14 2" Screws  
X11 3/4" Screw  
(bagged separately)

## ASSEMBLY STEPS / NOTES:

1. With left door closed, center a weatherstrip OO vertically on the left door in the door opening (Fig. A). OO will offset the left door 1" OUT past the door (Fig. B). Secure OO using seven 2" screws through outside trim into OO.
2. On the right door center OO vertically in door opening (Fig. A). OO will offset the right door 1" IN from the door trim (Fig. C). Secure OO using seven 2" screws through outside.
3. Center metal threshold between doors and attach using eleven 3/4" special coating screws into the floor frame (Fig. D)



# DOORS

## Parts Required:

- X2 Spring Loaded Bolts w/Screws
- X1 Door Handle

## Fasteners Required:

- X8 1" Screws
- X2 1-1/2" Screws

## ASSEMBLY STEPS / NOTES:

1. Place upper bolt onto **OO** in open position with bolt end  $\frac{1}{4}$ " down from frame. Bolt is open when loop is contacting base (Fig. A). Mark and pre-drill holes.
2. Install bolt with screws supplied and drill a  $\frac{5}{16}$ " hole for bolt to extend into (Fig. A).
3. Place lower bolt onto **OO** in open position with bolt end  $\frac{1}{2}$ " up from floor. Bolt is open when loop is contacting base. (Fig.B). Mark and pre-drill holes for screws.
4. Install bolt with screws supplied and drill a  $\frac{5}{16}$ " hole for bolt to extend into (Fig. B)
5. Measure up 35-3/4" and drill a  $\frac{1}{4}$ " hole thru door and part **OO** (Fig. C). Re-drill the hole larger with a  $\frac{1}{2}$ " drill. Be careful to avoid breaking thru **OO**. Attach handle with screws supplied. (Fig. D).

Fig. A

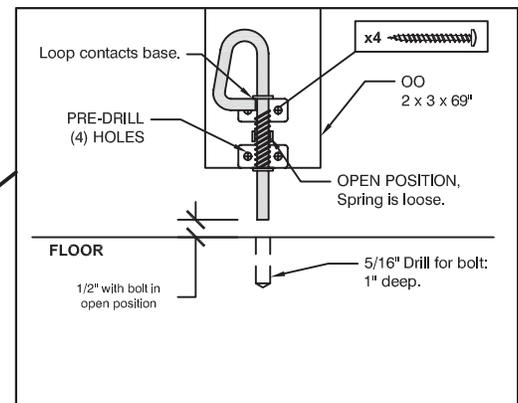
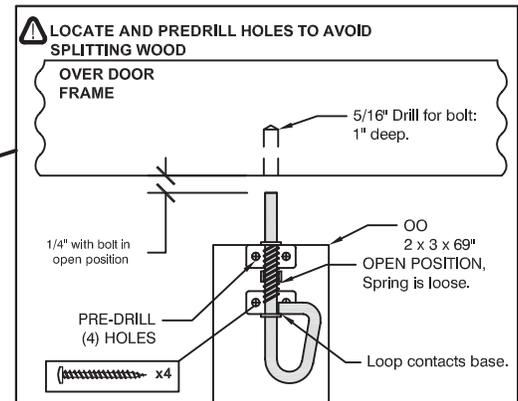
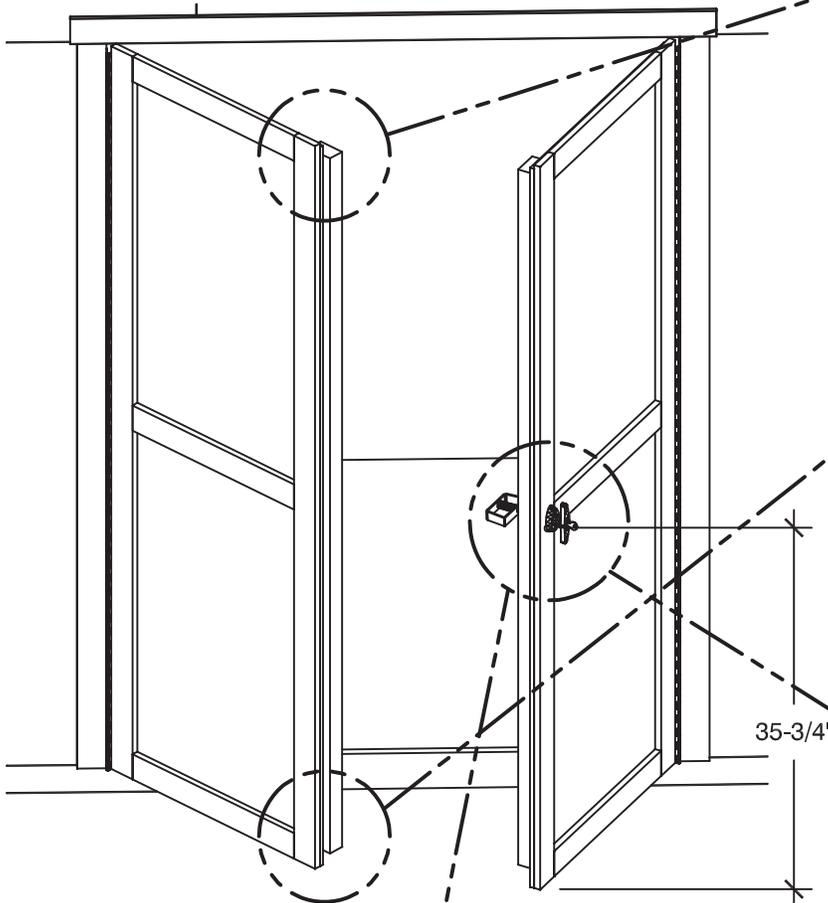


Fig. B



Keep drill square to avoid breaking through

Fig. C

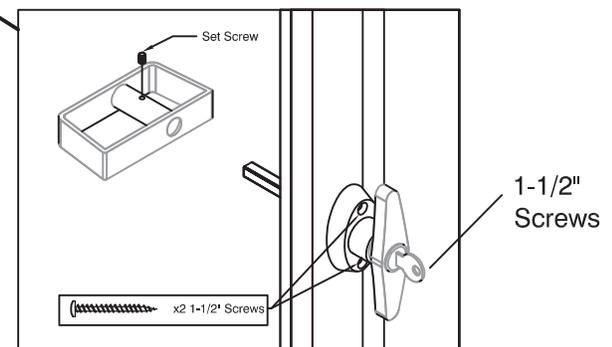
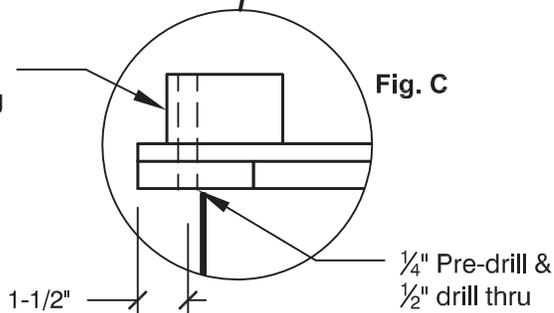


Fig. D

# FASCIA

## Parts Required:

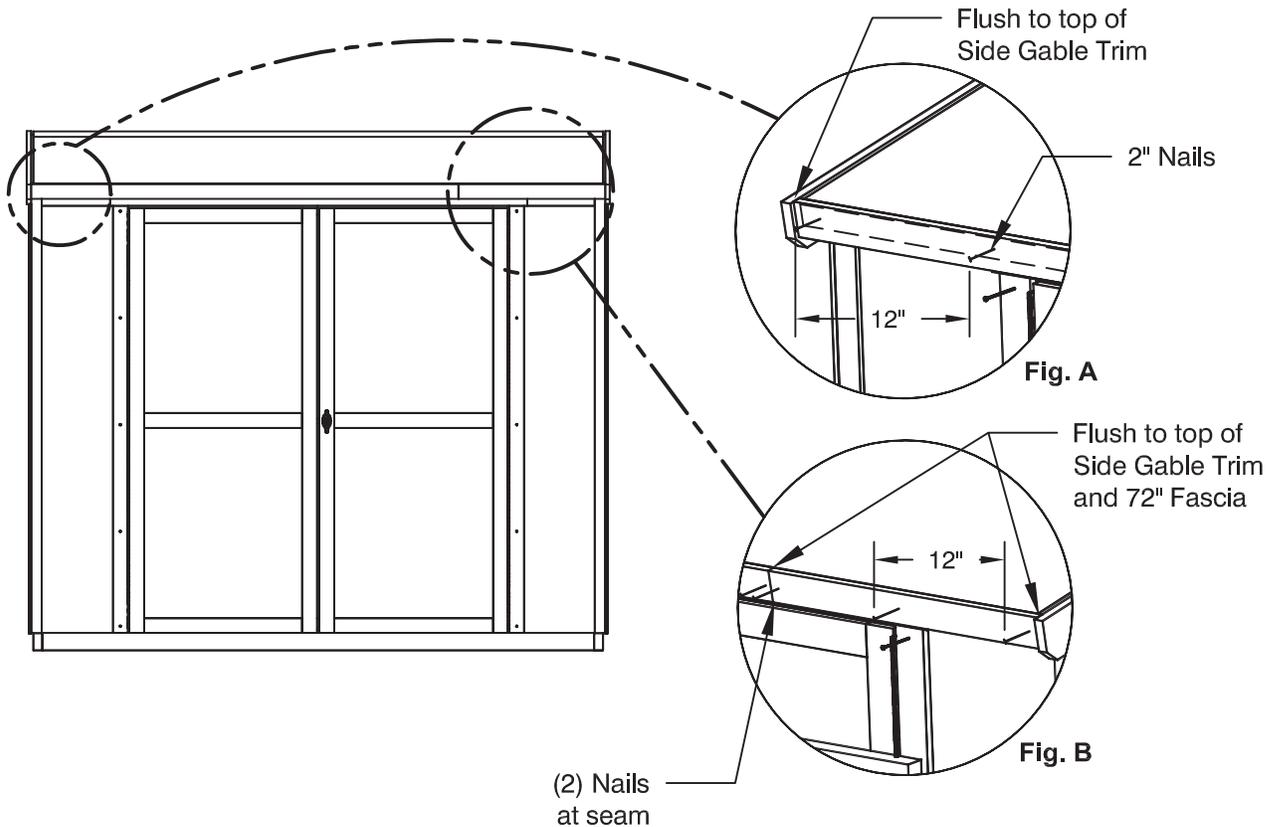
X1 1 x 3 x 72" HJ   
X1 1 x 3 x 24-3/4" OXC 

## Fasteners Required:

X10 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Position the 72" Fascia **HJ** against the overhang and left side gable trim **YSL**, with the top flush with the top of **YSL**. Primed side facing out. Nail in place with 2" nails 12" apart into the overhang (Fig A).
2. Position the 24-3/4" Fascia **OXC** in-between **HJ** and the side gable trim **YSR**. Keep the top flush with **HJ** and **YSR**. Nail in place with 2" nails 12" apart into the overhang (Fig B).



**PAINT & CAULK**  
**- NOT INCLUDED -**

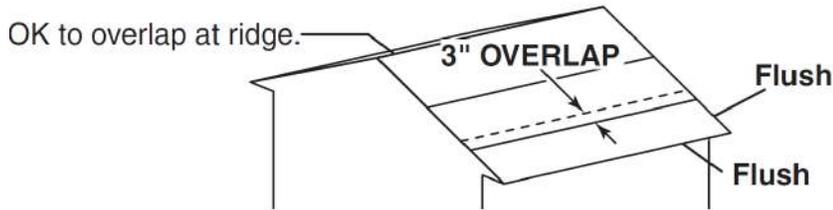


- Use acrylic caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
  - Bottom edge of all siding and trim
  - Inside of doors and all 4 edges

**Note:** Prime all in-primed exterior wood before painting. (Follow directions provided by manufacturer.)

**ROOF FELT**  
**- NOT INCLUDED -**

- Install felt flush to all roof edges overlapping 3". Image is used to show 3" overlap only.

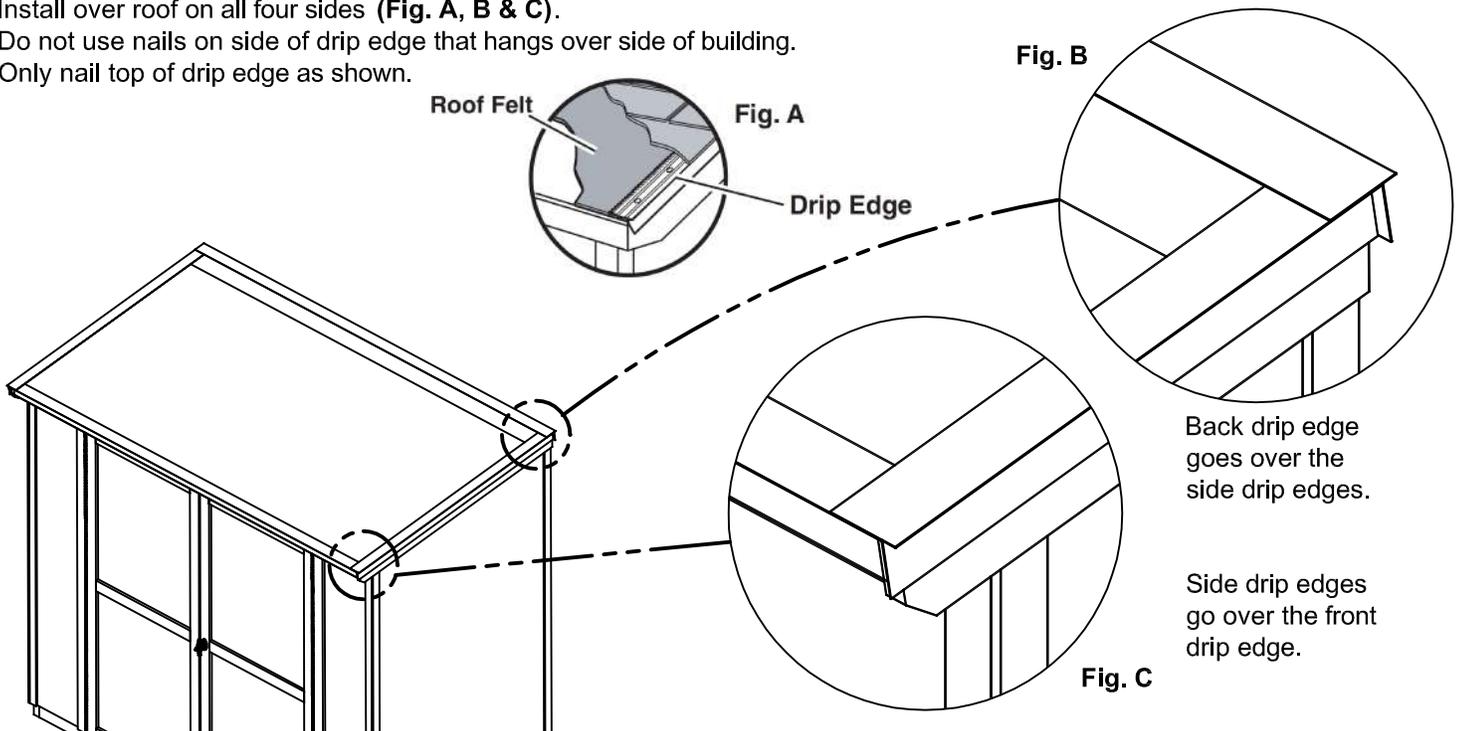


**DRIP EDGE**  
**- NOT INCLUDED -**

**DRIP EDGE IS REQUIRED TO VALIDATE YOUR WARRANTY**



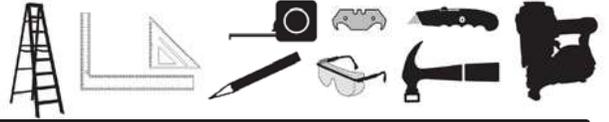
- Install over roof on all four sides (**Fig. A, B & C**).
- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.



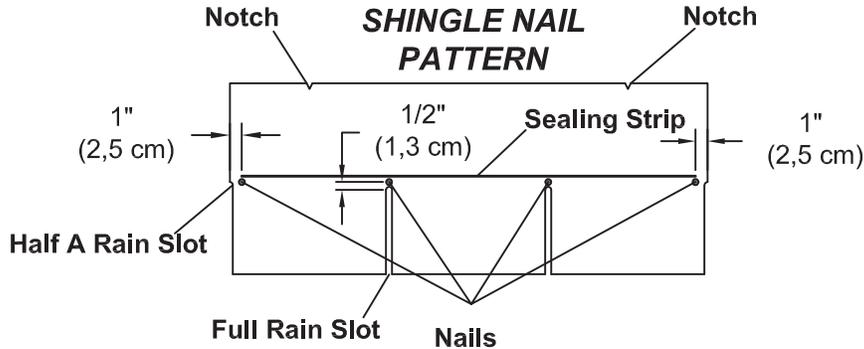
# SHINGLES

- NOT INCLUDED -

- Follow directions provided by manufacturer and these instructions.



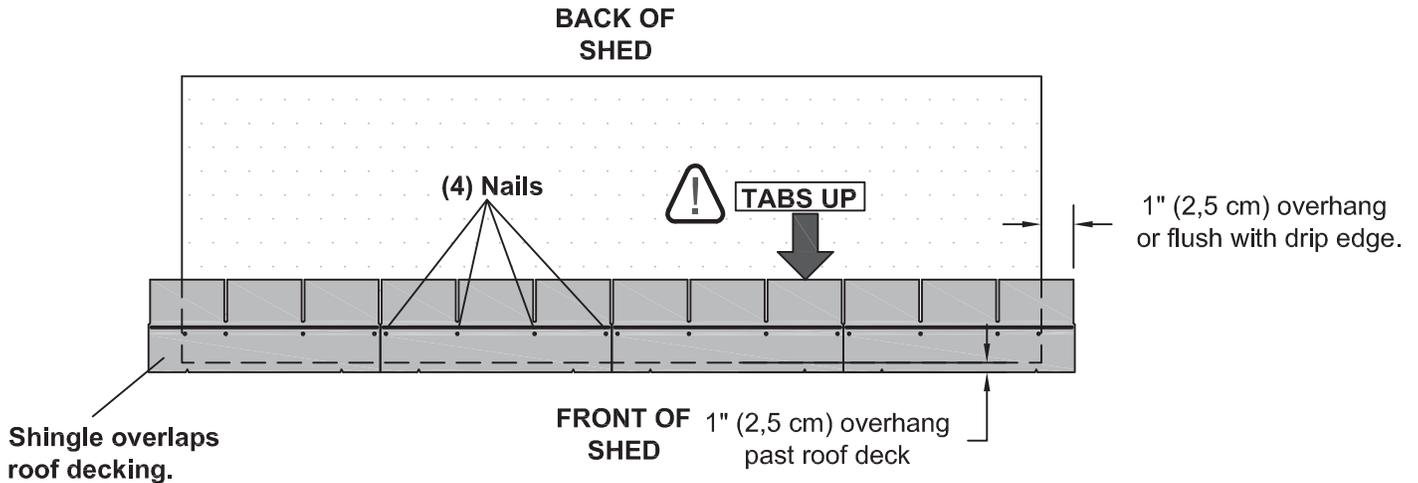
**!** Familiarize yourself with a 3-Tab Shingle.



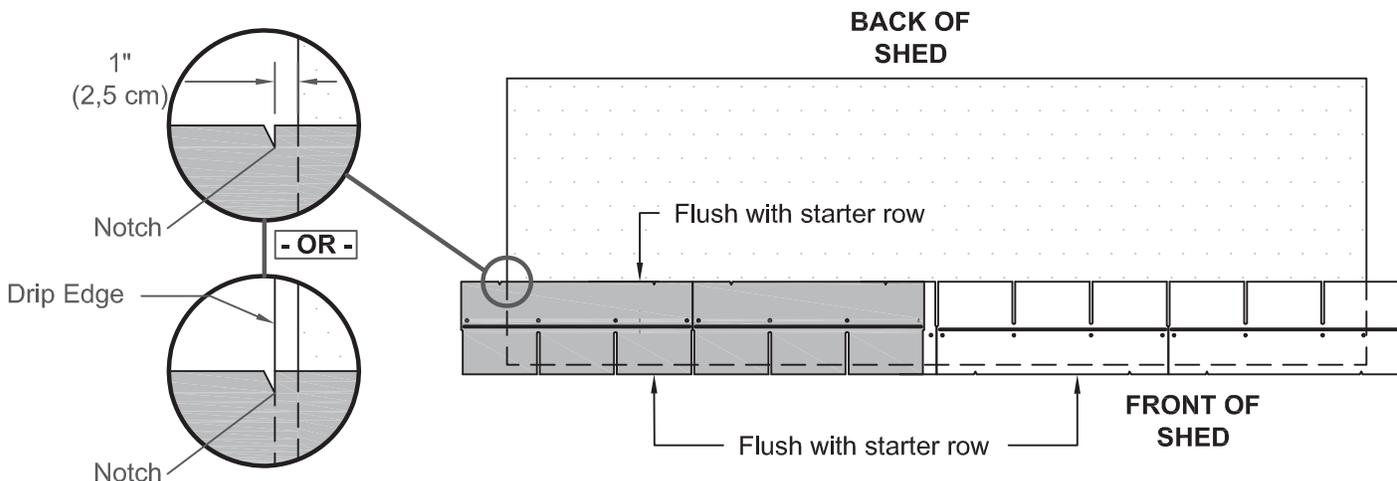
**!** NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

**✓** BEGIN

- Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle. **Starter row must be straight and level all the way across with lower edge of roof deck.**  
**NOTE:** If you have installed drip edge install shingles flush with drip edge.



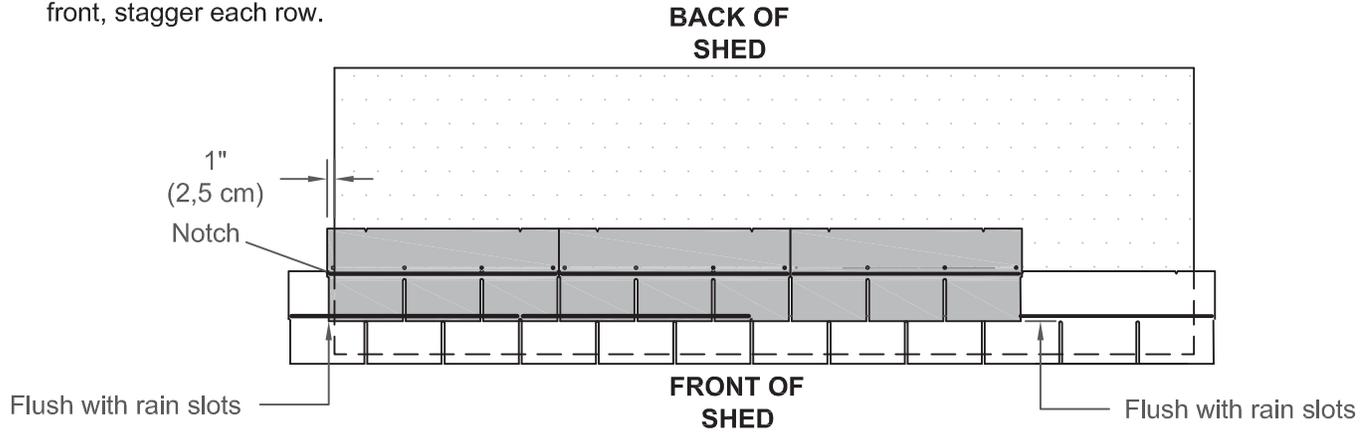
- Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



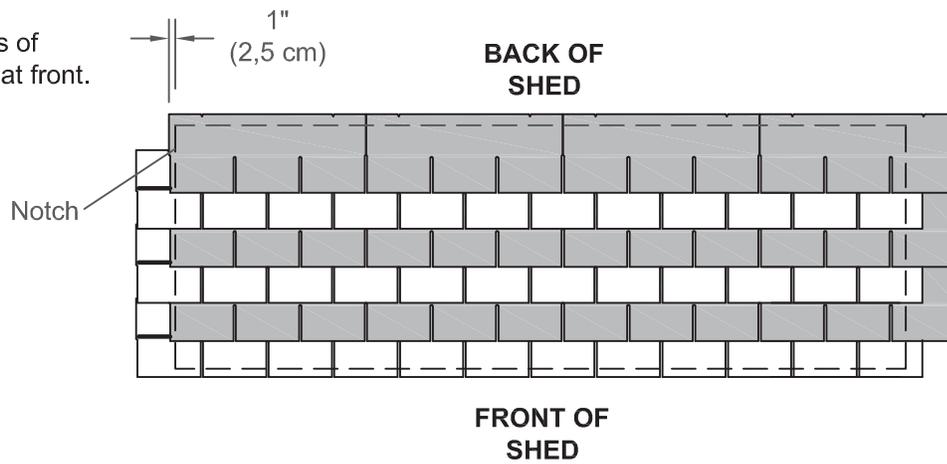
# SHINGLES

continued...

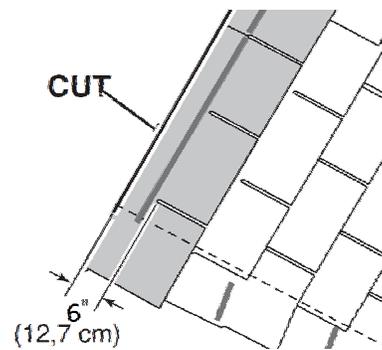
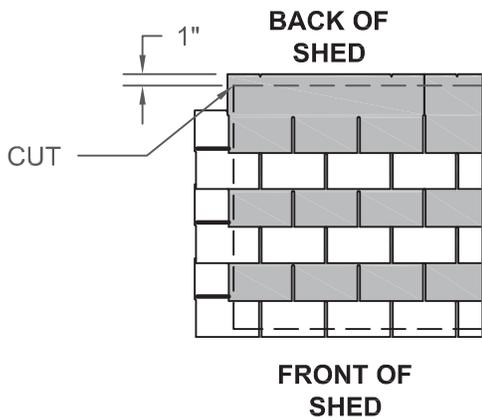
3. Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.



4. Continue installing rows of shingles by staggering at front.



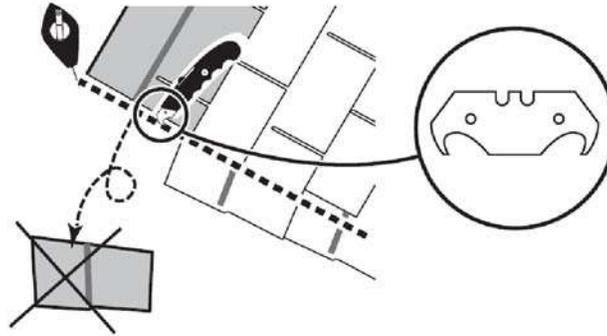
5. At the peak make cut 1" off the second to last row and 6" off the top row.



# SHINGLES

continued...

6. Strike a chalk line 1" from the edge.
7. Using your shingle hooked blade carefully cut along the chalk line.



8. You have finished shingling your roof.

## WARRANTY

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for 1 year.
2. All accessories, hardware and metal components are warranted for 2 years.
3. All Oriented Strand Board (OSB) is warranted for 2 years.
4. Siding and Trim is warranted for 10 years
5. Solar Shed windows are warranted for 1 year.
6. Cedar lumber is warranted for 15 years.
7. Preserved Pine is warranted for 10 years.

**Limited Conditional  
Warranty \***

Backyard Storage Solutions, LLC will repair, replace or pay for the affected part. In no event shall Backyard Storage Solutions, LLC pay the cost of labor or installation or any other costs related thereto. All warranties are from date of purchase. If a cash refund is paid on an affected part, it will be prorated from the date of purchase.

## CONDITIONS

The warranty is effective only when:

1. The unit has been erected in accordance with the assembly instructions.
2. The unit has been properly shingled and painted or stained and reasonably and regularly maintained thereafter.
3. The failure occurs when the unit is owned by the original purchaser.
4. Backyard Storage Solutions, LLC has received the warranty registration within thirty (30) days of purchase and notification of the failure in writing within the warranty period specified above.
5. Backyard Storage Solutions, LLC has had reasonable opportunity during the sixty (60) days following receipt of notification to inspect and verify the failure prior to commencement of any repair work.

## REQUIREMENTS

### Storage Buildings

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit; shingle the roof and paint using quality, 100% acrylic latex exterior product with a minimum of two (2) coats within thirty (30) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of siding/trim and OSB siding to include all exterior walls and all sides and all edges of doors.

### Gazebos & Pergolas

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit. This includes treating all of the exposed cedar and pine surfaces on your gazebo or pergola structure with an exterior grade wood preservative, an exterior oil-based semi-transparent stain, an acrylic latex exterior paint or an acrylic latex solid color exterior stain within 30 days of assembly and as needed thereafter to maintain your warranty.

Keep vegetation trimmed away from building and make sure siding panels and trim do not come in contact with masonry or cement. The minimum ground clearance for siding must be one half inch (½ inch) from concrete slab or two and one half inches (2 ½") from the ground when building is erected or constructed on a treated wood floor kit. Water from sprinklers must be kept off unit. In no event will Backyard Storage Solutions, LLC be responsible for any indirect, incidental, consequential or special damages nor for failure(s) that are caused by events, acts or omissions beyond our control including, but not limited to, misuse or improper assembly, improper maintenance (which eventually leads to rot or decay) and acts of God. Backyard Storage Solutions, LLC will not be held responsible for any labor costs incurred to construct your unit. This warranty gives you certain specific rights that vary from state to state.

## CLAIM PROCEDURE

To make a claim under this warranty, you can either call 1-888-827-9056 or email: [customerservice@backyardproducts.com](mailto:customerservice@backyardproducts.com). Please have ready the information below when you call or include the information in your email:

1. The model and size of the product.
2. A list of the part(s) for which the claim is made.
3. Proof of purchase of the Backyard Storage Solutions, LLC item, as shown on the original invoice.
4. Run code: found on exterior product label or assembly instructions enclosed in the product package.

All other inquiries can be mailed to:

Backyard Storage Solutions, LLC  
Attn: Customer Service  
1000 Ternes Drive  
Monroe, MI 48162

**\*WARRANTY TERMS MAY VARY OUTSIDE THE U.S.A**

**IMPORTANT: This is your warranty certificate.**

**Please complete your warranty registration to properly validate your warranty.**