

16819



***Call Us First!***

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

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

**1-800-577-9663**

**or email:**

***customerservice@backyardproductsllc.com***

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

**April through October M - F 8:00 AM to 8:00 PM EST**

**Saturday 8:30 AM to 4:30 PM EST**

**November through March M - F 8:00 AM to 5:00 PM EST**

(This page is intentionally left blank.)



THE BACKYARD STORAGE EXPERTS  
A Backyard Products Company

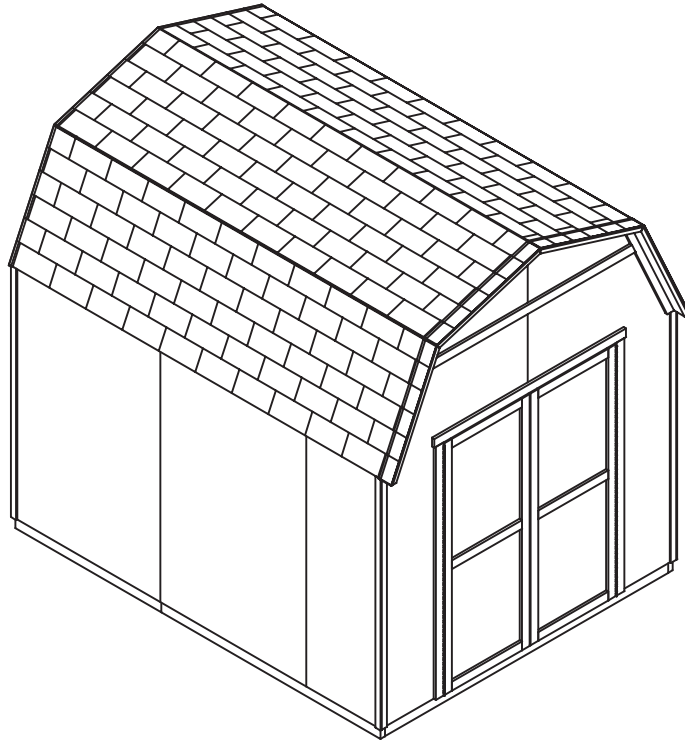
# ASSEMBLY MANUAL

16819

11/29/2013

*Ridgeview 8' x 10' (244 x 305 cm)*

**KEEP THIS MANUAL FOR FUTURE REFERENCE**



**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**






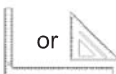
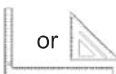

You will need additional materials to complete your shed. See page 3 for required and optional materials and quantities.







## - CUSTOMER SERVICE -

Call: 1-800-577-9663 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.



= Helpful assembly hint.

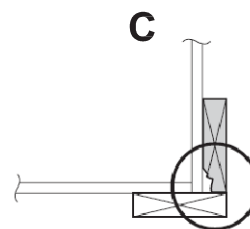
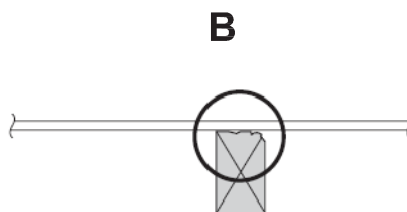
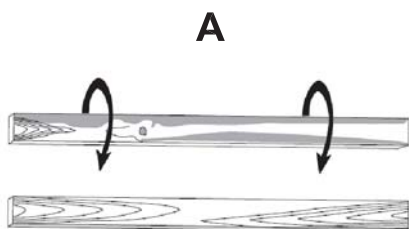


= Level

## 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

### FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a complete wood floor frame system. It does not include the floor panels.
- 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.**

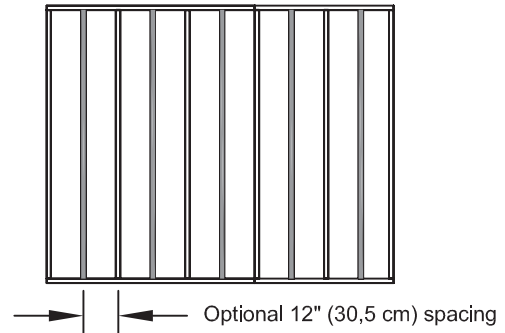
### REINFORCED WOOD FLOOR FRAME (OPTIONAL)

**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).

**x5** 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

**x20** ea. 3" (7,6 cm) hot dipped galvanized nails



### FLOOR PANELS (NOT INCLUDED)



**x2**  
5/8 x 48 x 96"  
(1,6 x 121,9 x 243,8 cm)



**x1**  
5/8 x 23-7/8 x 96"  
(1,6 x 60,6 x 243,8 cm)

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

### COMPLETING YOUR SHED

You will need these additional materials:

- |   |  |
|---|--|
| <p><input type="checkbox"/> <b>3-TAB SHINGLES</b>.....6 Bundles</p> <p><input type="checkbox"/> <b>PAINT FOR SIDING</b>.....2 Gallons<br/>Use 100% acrylic latex exterior paint. (2) coats recommended.</p> <p><input type="checkbox"/> <b>CAULK</b>.....2 Tubes<br/>Use acrylic latex exterior caulk that is paintable. </p> | <p><input type="checkbox"/> <b>1" GALVANIZED ROOFING NAILS</b>...3LBS<br/>For Shingles.</p> <p><input type="checkbox"/> <b>PAINT FOR TRIM</b>.....1 Quart<br/>Use 100% acrylic latex exterior paint.</p> <p><input type="checkbox"/> <b>WOOD GLUE</b>.....Exterior Rated</p> |
|---|--|

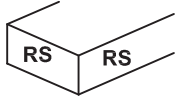
### OPTIONAL MATERIALS

- |  |   |
|--|---|
| <p><input type="checkbox"/> <b>DRIP EDGE</b>.....24 Feet</p> | <p><input type="checkbox"/> <b>#15 ROOFING FELT</b><br/>To cover 125 Sq. Ft. of roof area</p> <p><input type="checkbox"/> <b>1" GALVANIZED ROOFING NAILS</b>...1/4 Lb<br/>For roofing felt.</p> |
|--|---|

**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)
- X2 **TREATED** 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- X6 **TREATED** 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

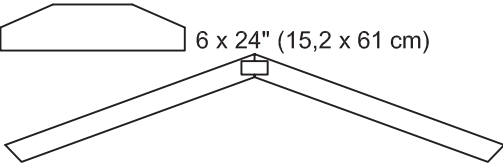
Treated lumber is stamped: **TREATED**

### WALLS

- X2 **ABA** 2 x 4 x 20" (5,1 x 10,2 x 50,8 cm)
- X2 **SL** 2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
- X4 **STL** 2 x 4 x 44-1/2" (5,1 x 10,2 x 113,0 cm)
- X4 **YFA** 2 x 4 x 68-1/2" (5,1 x 10,2 x 174,0 cm)
- X17 **AEA** 2 x 4 x 68-13/16" (5,1 x 10,2 x 174,8 cm)
- X3 **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

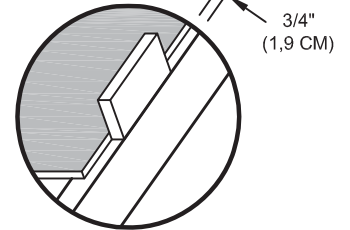
### ROOF

- X10 6 x 24" (15,2 x 61 cm)
- X12
- X2 **WO** 1 x 4 x 72" (2,5 x 10,2 x 182,9 cm)



SUB-ASSEMBLED TRUSS

- X1 **GAA** 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm)  
Gauge Block for 3/4" (1,9 cm) measurement.



### TRIM

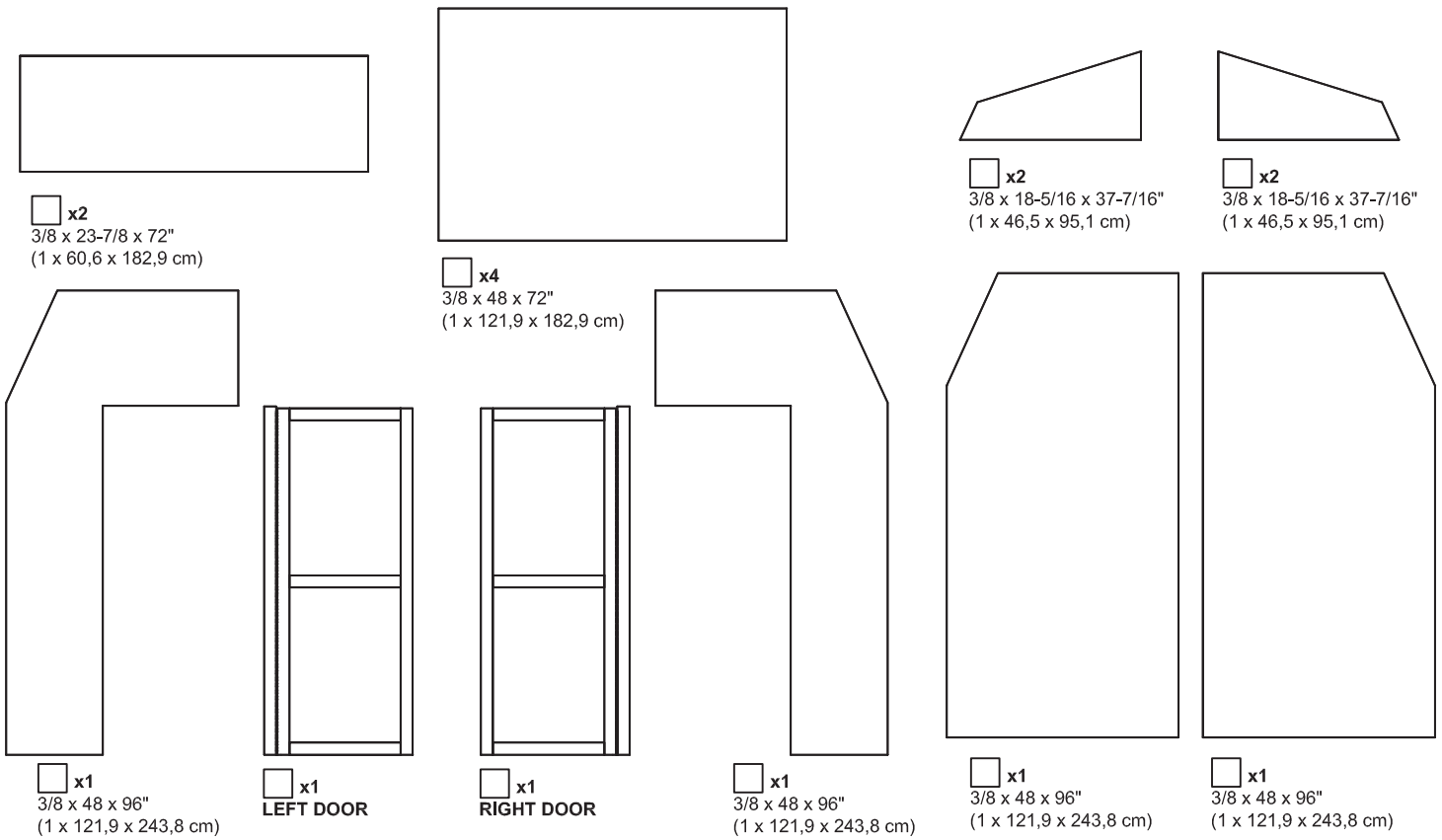
- X8 3/8 x 1-3/4 x 71-9/16" (1 x 4,4 x 181,8 cm)
- X2 **IVS** 2 x 4 x 35-3/4" (5,1 x 10,2 x 90,8 cm)
- X2 **AGA** 2 x 4 x 35-13/16" (5,1 x 10,2 x 91,0 cm)
- X1 **FDR** 19/32 x 2-1/2" x 35-3/4" (1,5 x 6,4 x 90,8 cm)
- X1 **FDL** 19/32 x 2-1/2" x 35-3/4" (1,5 x 6,4 x 90,8 cm)
- X2 **FCA** 19/32 x 2-1/2" x 35-13/16" (1,5 x 6,4 x 91,0 cm)
- X1 **WR** 19/32 x 2-1/2" x 63" (1,5 x 6,4 x 160,0 cm)
- X1 **FBA** 19/32 x 2-1/2" x 69-1/4" (1,5 x 6,4 x 175,9 cm)
- X1 **FAA** 19/32 x 2-1/2" x 71-7/16" (1,5 x 6,4 x 181,5 cm)
- X1 **ZHR** 19/32 x 3-1/2 x 35-3/4" (1,5 x 8,9 x 90,8 cm)
- X1 **ZHL** 19/32 x 3-1/2 x 35-3/4" (1,5 x 8,9 x 90,8 cm)
- X2 **AFA** 19/32 x 3-1/2 x 35-15/16" (1,5 x 8,9 x 91,3 cm)

### DOOR

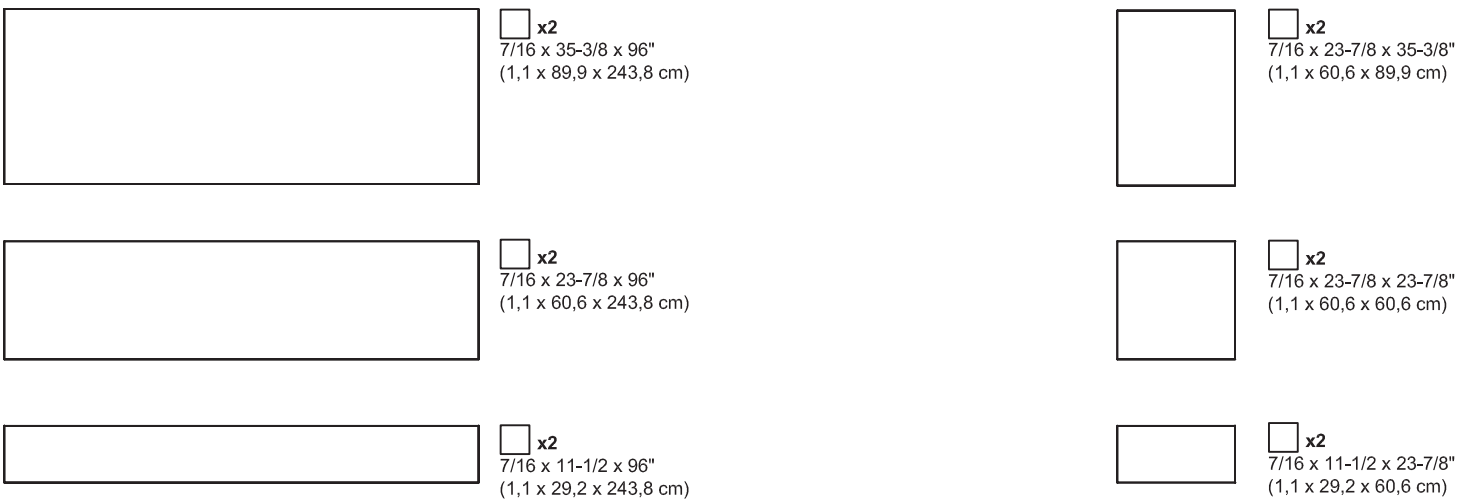
- X1 **FEA** 1 x 4 x 56" (2,6 x 10,2 x 142,2 cm)
- X2 **OO** 2 x 3 x 69" (5,1 x 7,6 x 175,3 cm)

## WALL PANEL & DOOR PARTS LIST

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



## ROOF PANELS

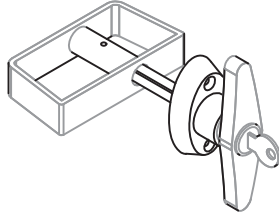


**Roof panels are 7/16" (1,1 cm) thick.**

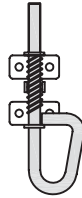
## DOOR & VENT HARDWARE

T-HANDLE

x1



x2



x8



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

## NAIL BOXES

x5 BOXES



3" (7,6 cm)

x2 BOXES



2" (5,1 cm)

## FASTENER/HARDWARE BAG

x110



2" (5,0 cm)

x115



1-1/2" (3,8 cm)

x50



3" (7,6 cm)

x60



2" (5,0 cm)

x2



1-1/4" (3,2)

x60



3/4" (19 mm)

## NOTES

---

---

---

---

---

---

---

---

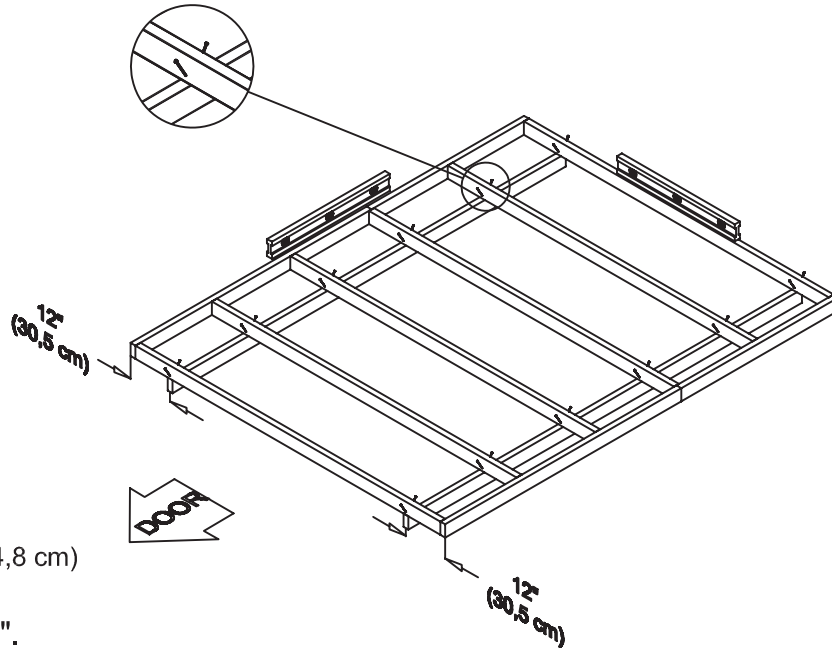
# LEVELING OPTIONS

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.

Measurements to centers of 4x4's.



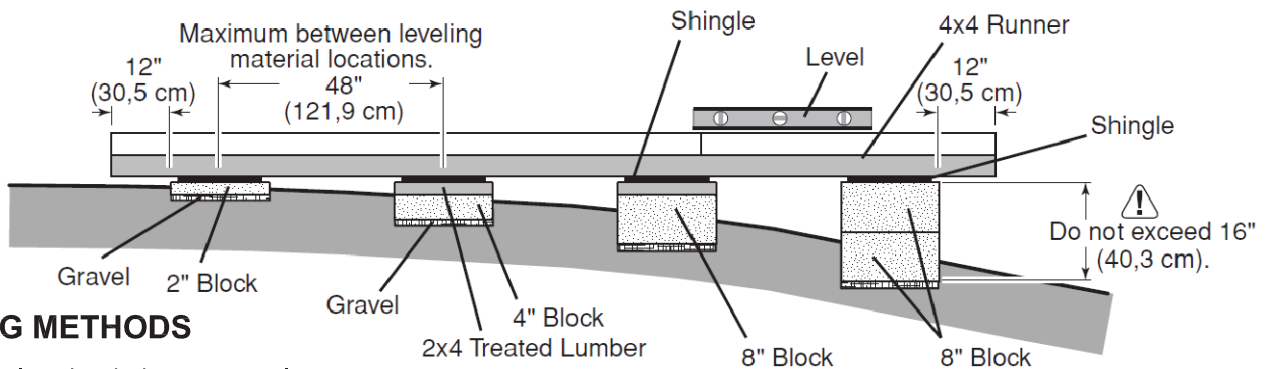
### MATERIAL REQUIRED

x2 4" x 4" x 10' (10,2 x 10,2 x 304,8 cm) Treated Lumber

Fasteners for Frame to 4" x 4".  
(3" (7,6 cm) Screws shown as one option.) Minimum (24) 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

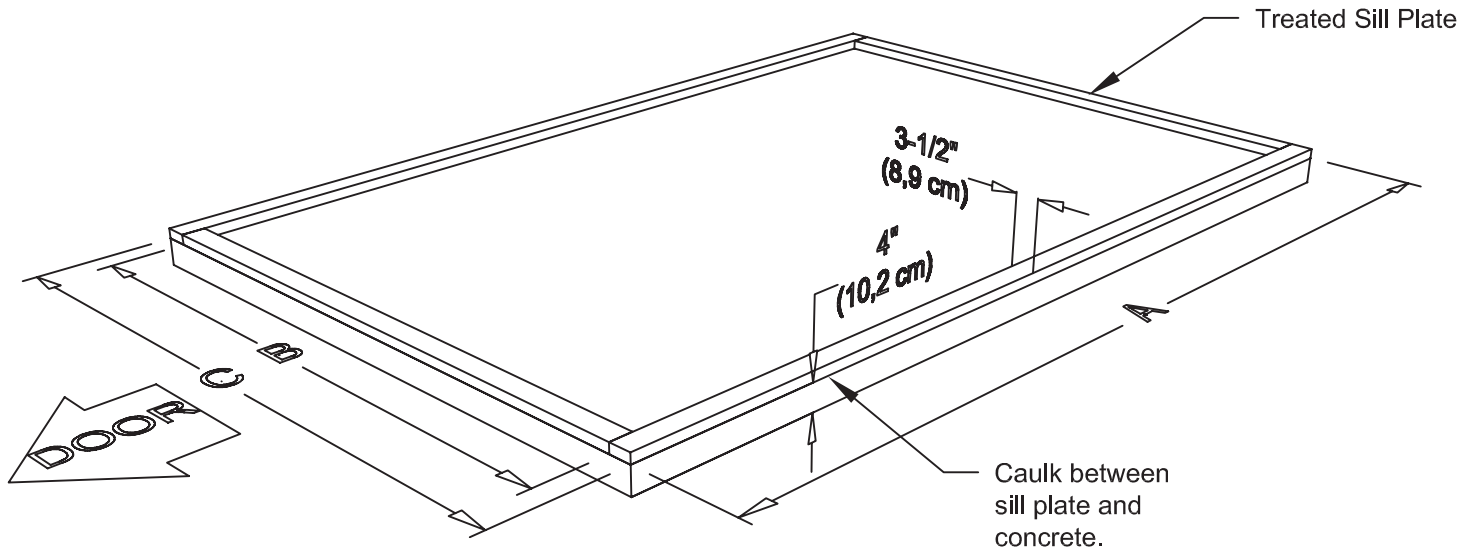
Leveling higher than 16" (40,3 cm) is not recommended.

### CONCRETE

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


# CONCRETE FOUNDATION



Your kit contains all materials to construct a wooden floor frame. If you choose to install your kit on a concrete slab refer to the diagram below.




Building Size	Actual Size	A	B	C
8' x 10' (243,8 cm x 304,8)	96" x 120 (243,8 cm 304,8)	120" (304,8 cm)	89" (226,1 cm)	96" (243,8 cm)

## Requires:

- x2 2" x 4" x 10' (2,1 x 10,2 x 304,8 cm)
- x2 2" x 4" x 8' (2,1 x 10,2 x 243,8 cm)
- x1 Caulk 

-  **MUST be treated lumber.**
-  **MUST be treated lumber.**


 Allow new concrete slabs to cure for at least (7) days.

- A treated 2 x 4" (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete. **Hint: Use treated lumber in your kit or purchase full length treated lumber.**
- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten 2 x 4" (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors **(fasteners not included).**
- Check local code for concrete foundation requirements.

## NOTES

# FLOOR

## Parts Required:

X6	2 x 4 x 93"	
X2	2 x 4 x 72"	
X2	2 x 4 x 48"	

Note: Look for the  
TREATED Stamp



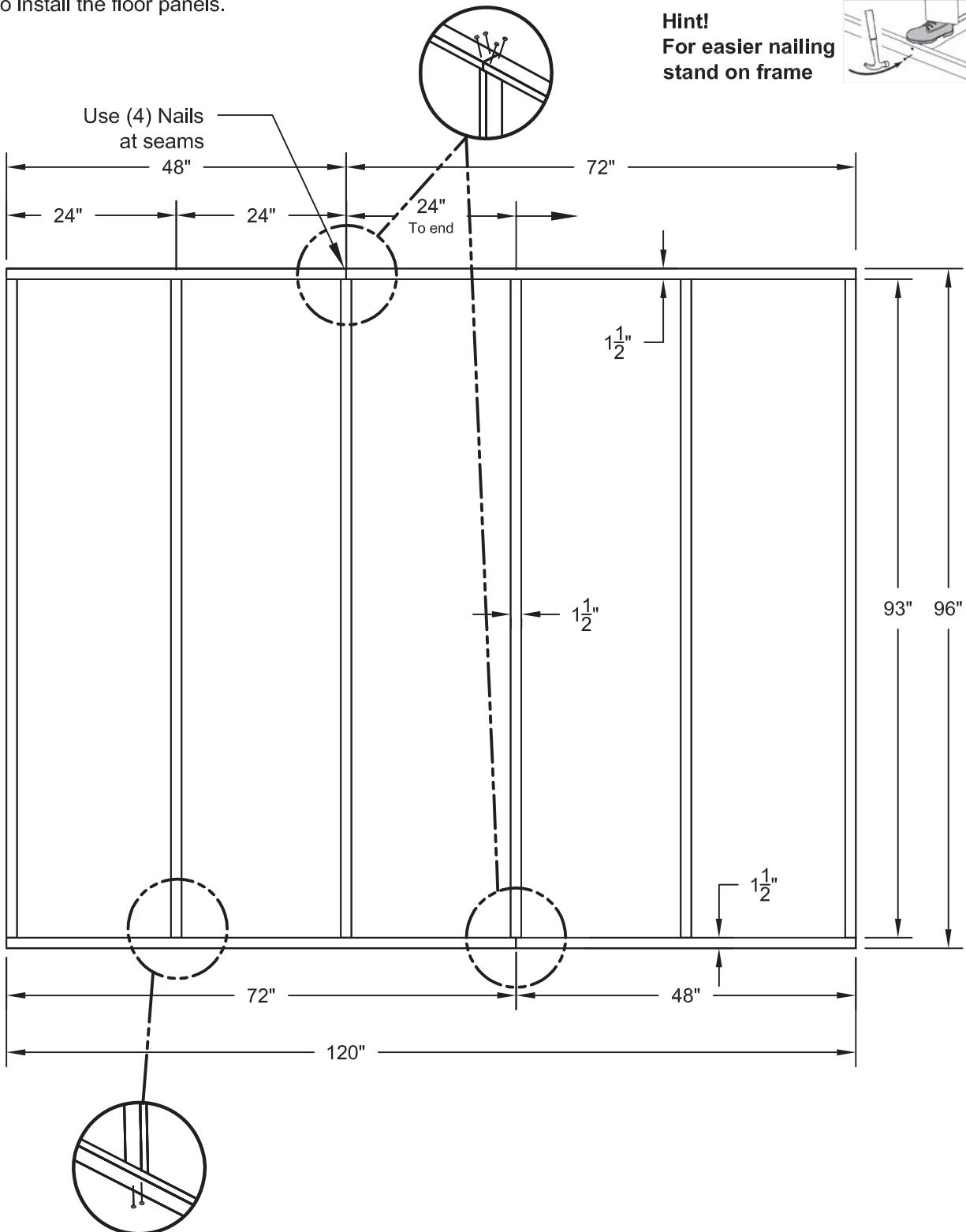
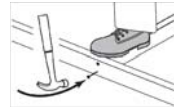
## Fasteners Required:

X28 3" Nails

## ASSEMBLY STEPS / NOTES:

1. Mark center of joists 24" on center.
2. Use two (2) 3" nails at each joist. Use (4) 3" Nails at seams. Angle nails at seams.
3. Proceed to install the floor panels.

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



## FLOOR FRAME

**STOP!**



### LEVEL AND SQUARE FLOOR FRAME



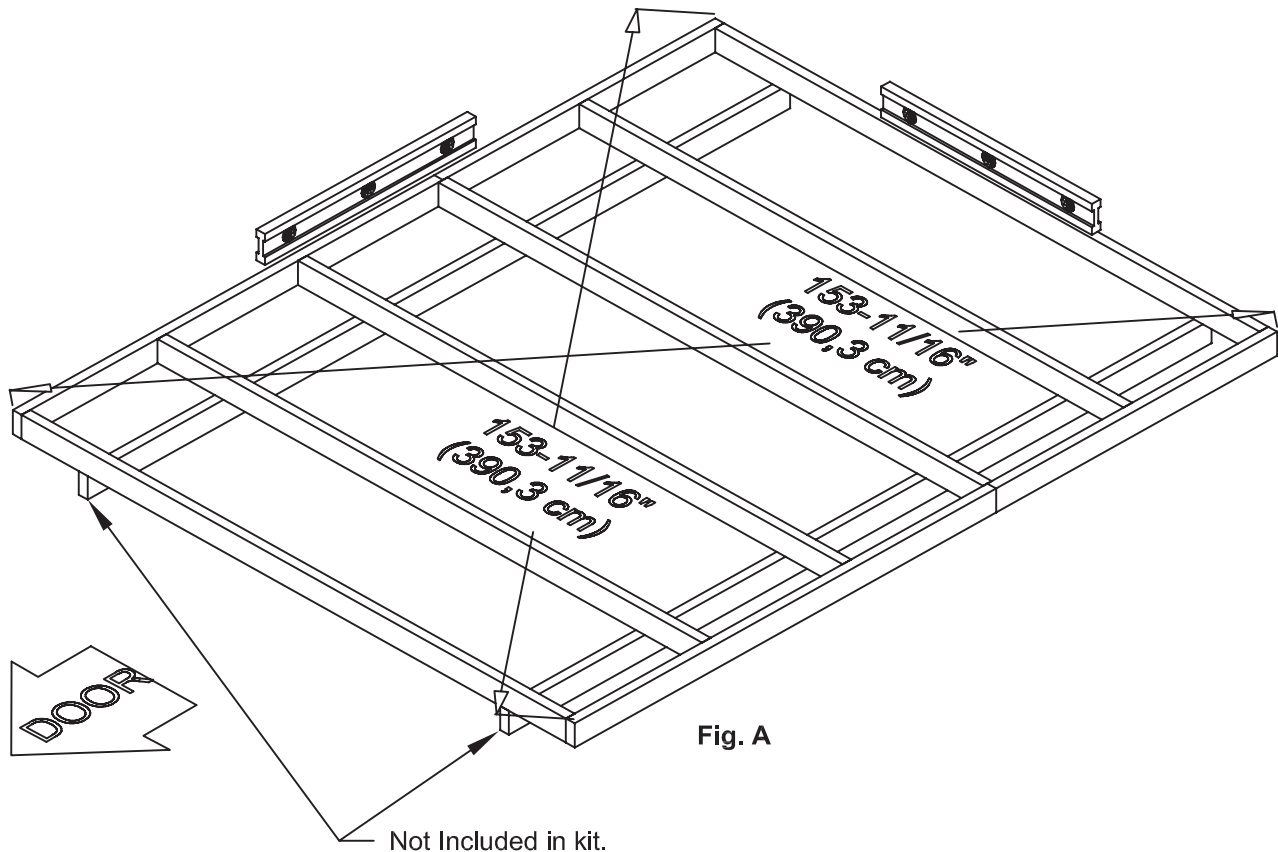
**STOP!**

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 153-11/16" (390,3 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.





# FLOOR PANEL (NOT INCLUDED)

## Parts Required:

X1  $\frac{5}{8}$  x 48 x 96" OSB



Floor Panels Not Included

## Fasteners Required:

X56 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. Check the floor frame is square by measuring diagonally across the frame corners. If the measurements are the same your floor frame is square. The measurement will be approximately 153-11/16" (Fig. C)
4. 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.

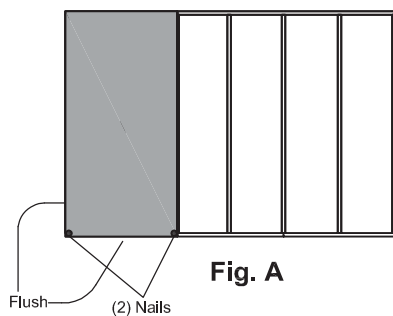
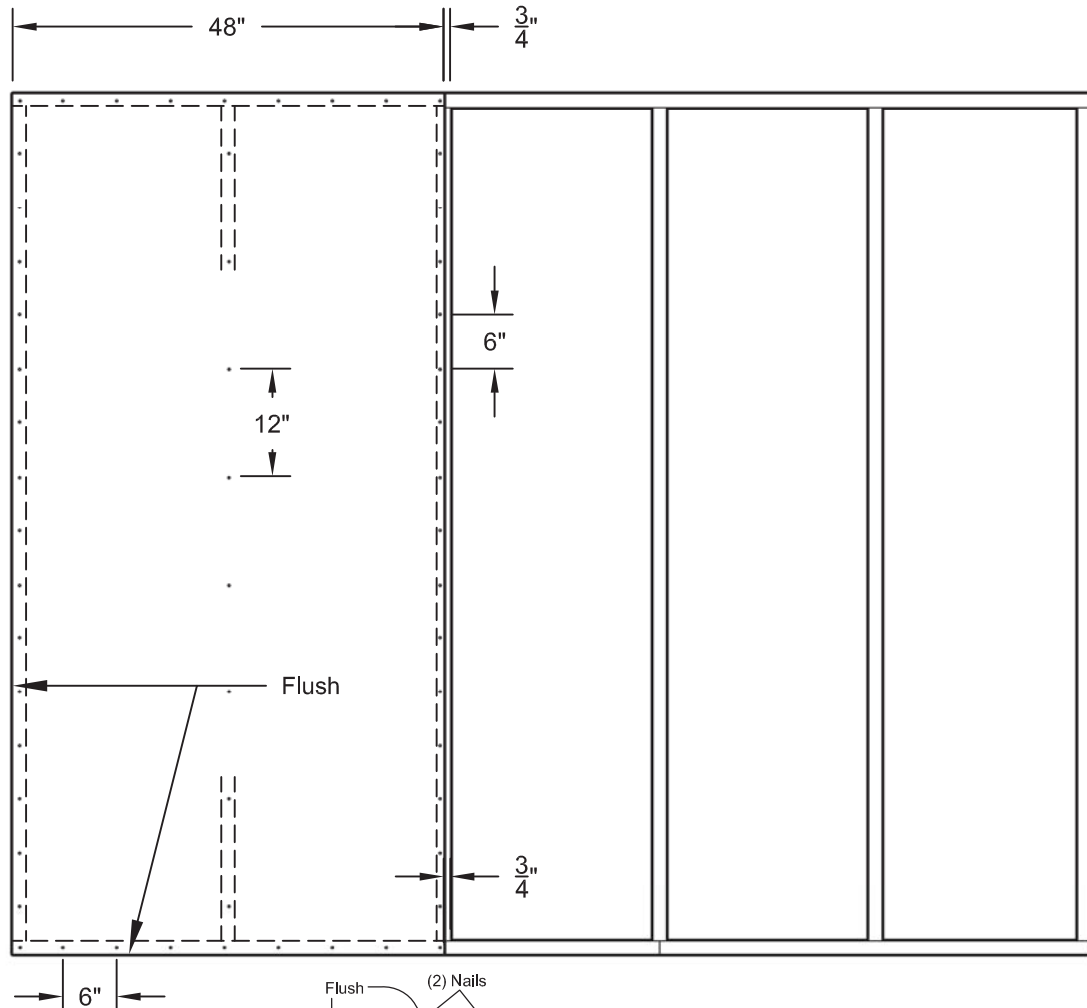


Fig. A

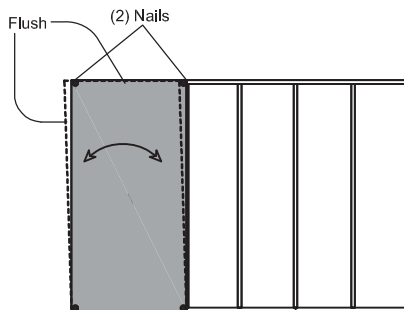


Fig. B

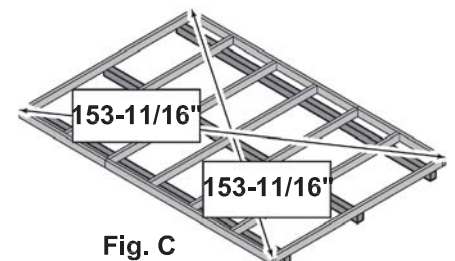


Fig. C

# FLOOR PANELS (NOT INCLUDED)

## Parts Required:

X1  $\frac{5}{8}$  x 48 x 96" OSB



Floor Panels Not Included

## Fasteners Required:

X96 2" Nails

X1  $\frac{5}{8}$  x 23-7/8 x 96" OSB

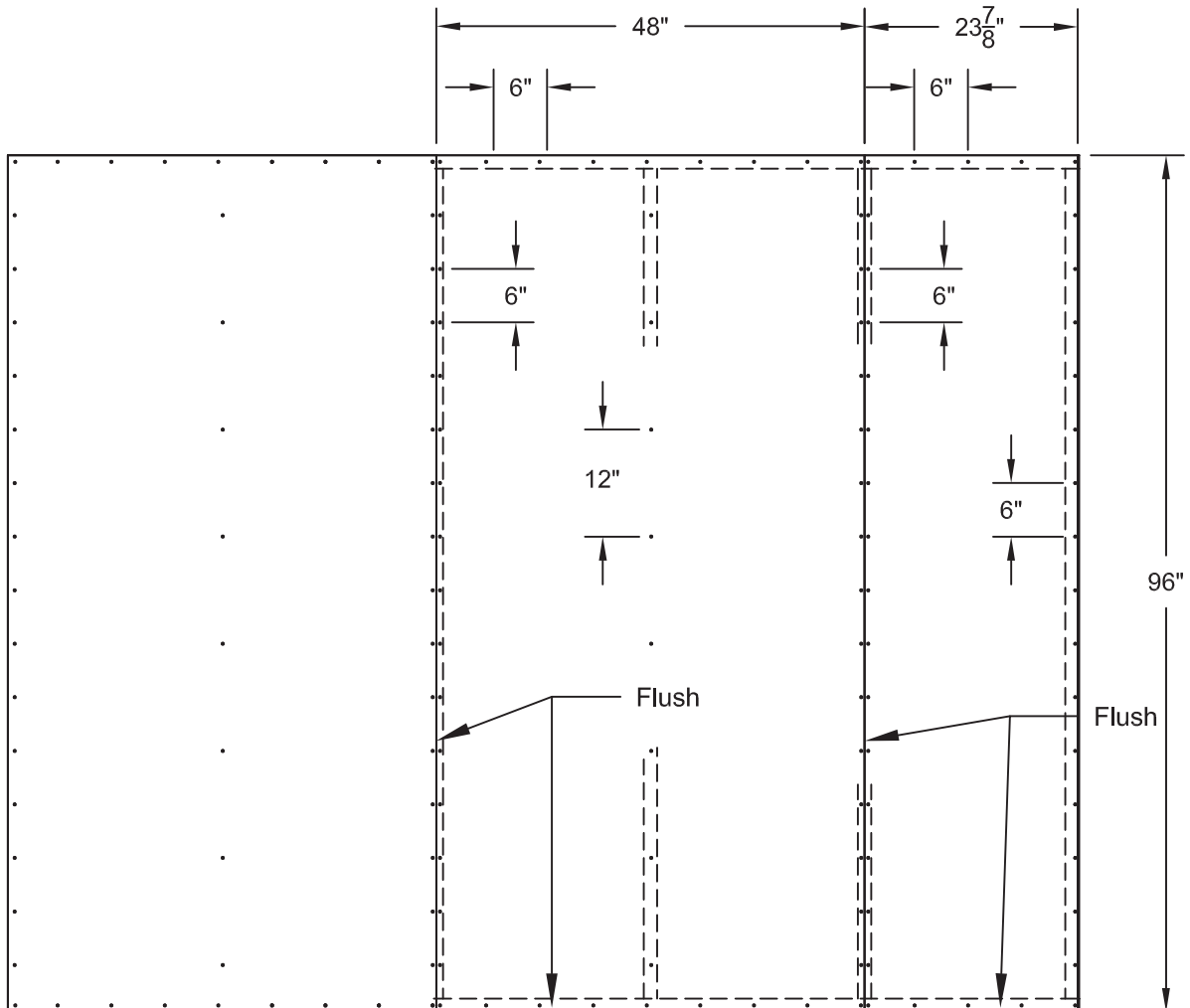


## ASSEMBLY STEPS / NOTES:

- Continue installing panels with rough side up (painted grid lines).
- Use 2" nails 6" apart on the edges. Use the grid lines to nail 2" nails 12" apart on the inside of the panels.
- You have finished attaching your floor panels.



It is important that your completed floor is level before moving forward!

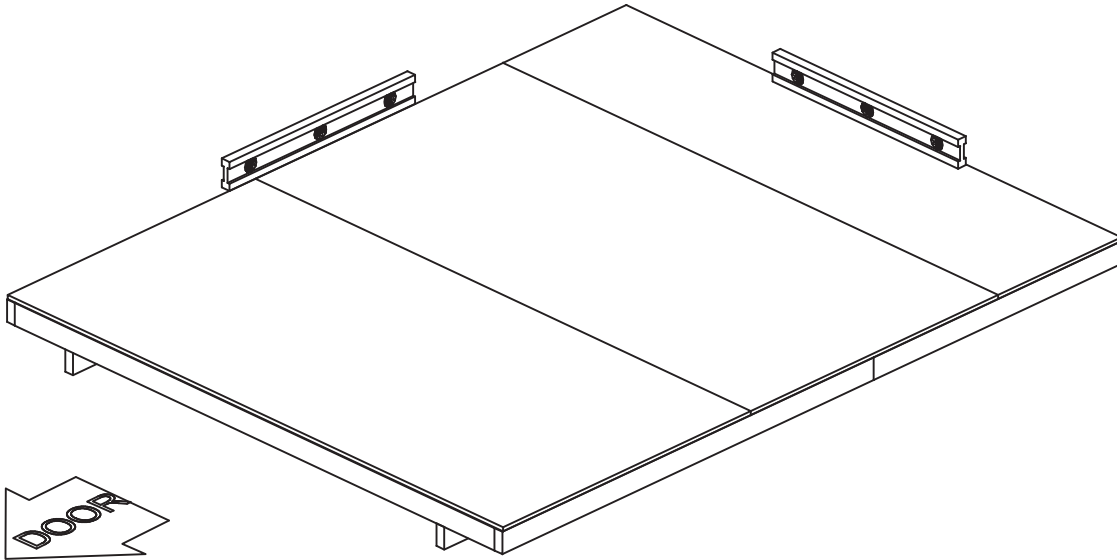




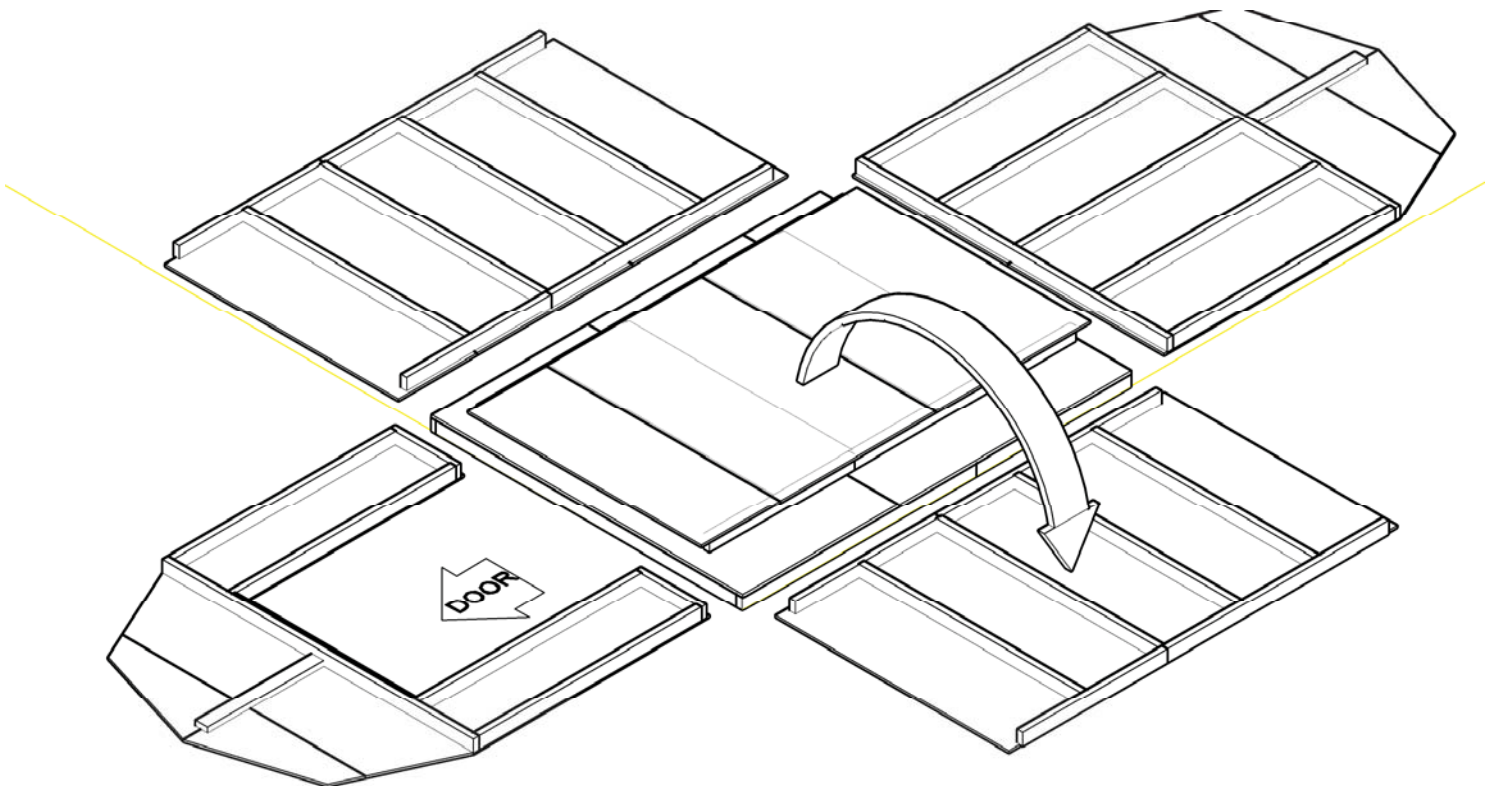
**IMPORTANT!**

**STOP!**

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



- The floor should be used as a stable work surface for wall construction.
- Organize your assembly procedure during the build process to avoid over-handling of the walls



# BACK WALL

## Parts Required:

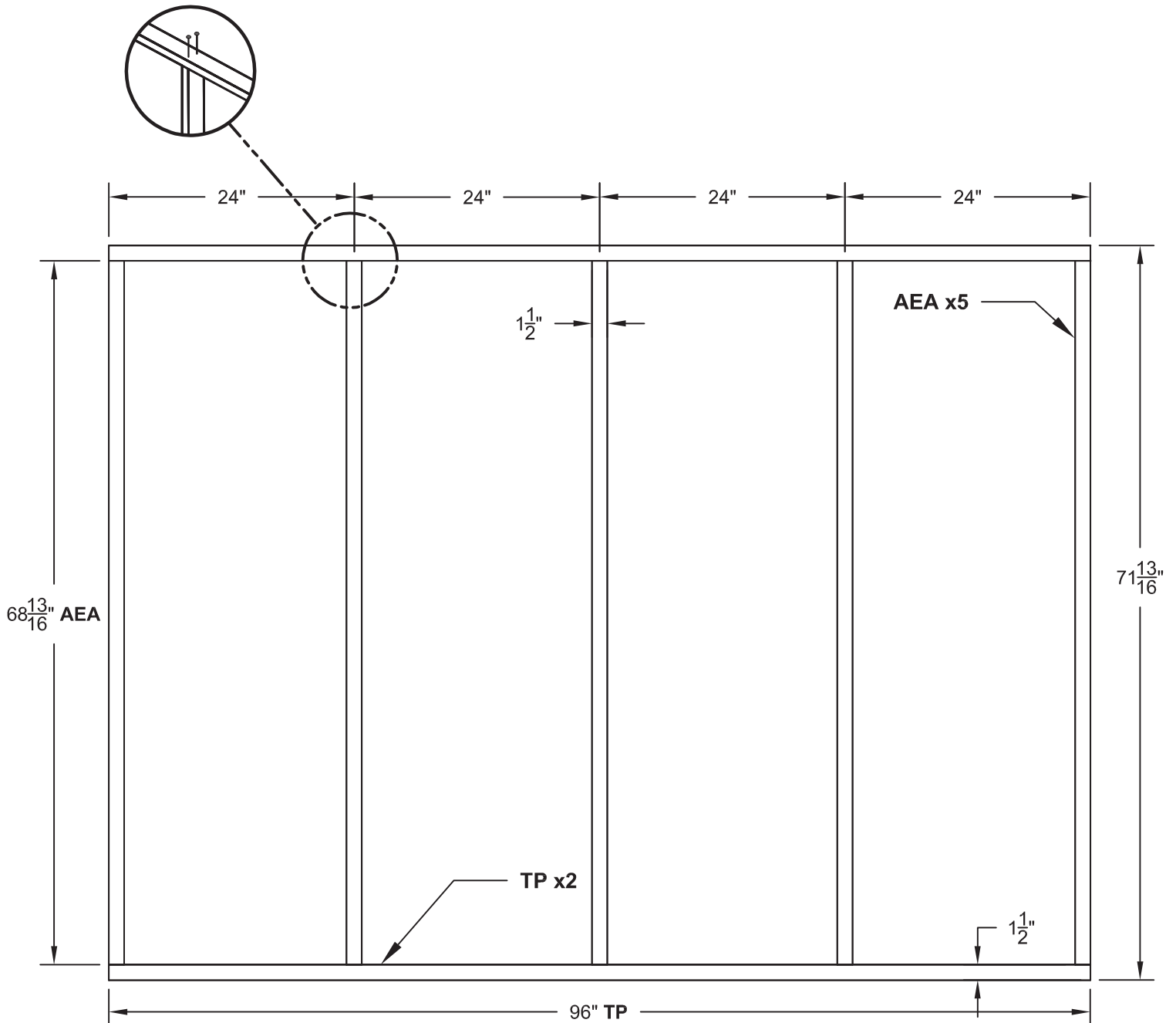
X2	2 x 4 x 96"	TP
X5	2 x 4 x 68-13/16"	AEA

## Fasteners Required:

X20 3" Nails





## ASSEMBLY STEPS / NOTES:

1. Orient parts on edge on floor as shown. Measure and mark.
2. Nail using two 3" nails at each connection.



# BACK WALL

## Parts Required:

X1	$\frac{3}{8}$ x 48 x 96"	Wall Panel	
X1	Gusset		
X1	2 x 4 x 36"	<b>SL</b>	
X1	2 x 4 x 35-3/4"	<b>VS</b>	

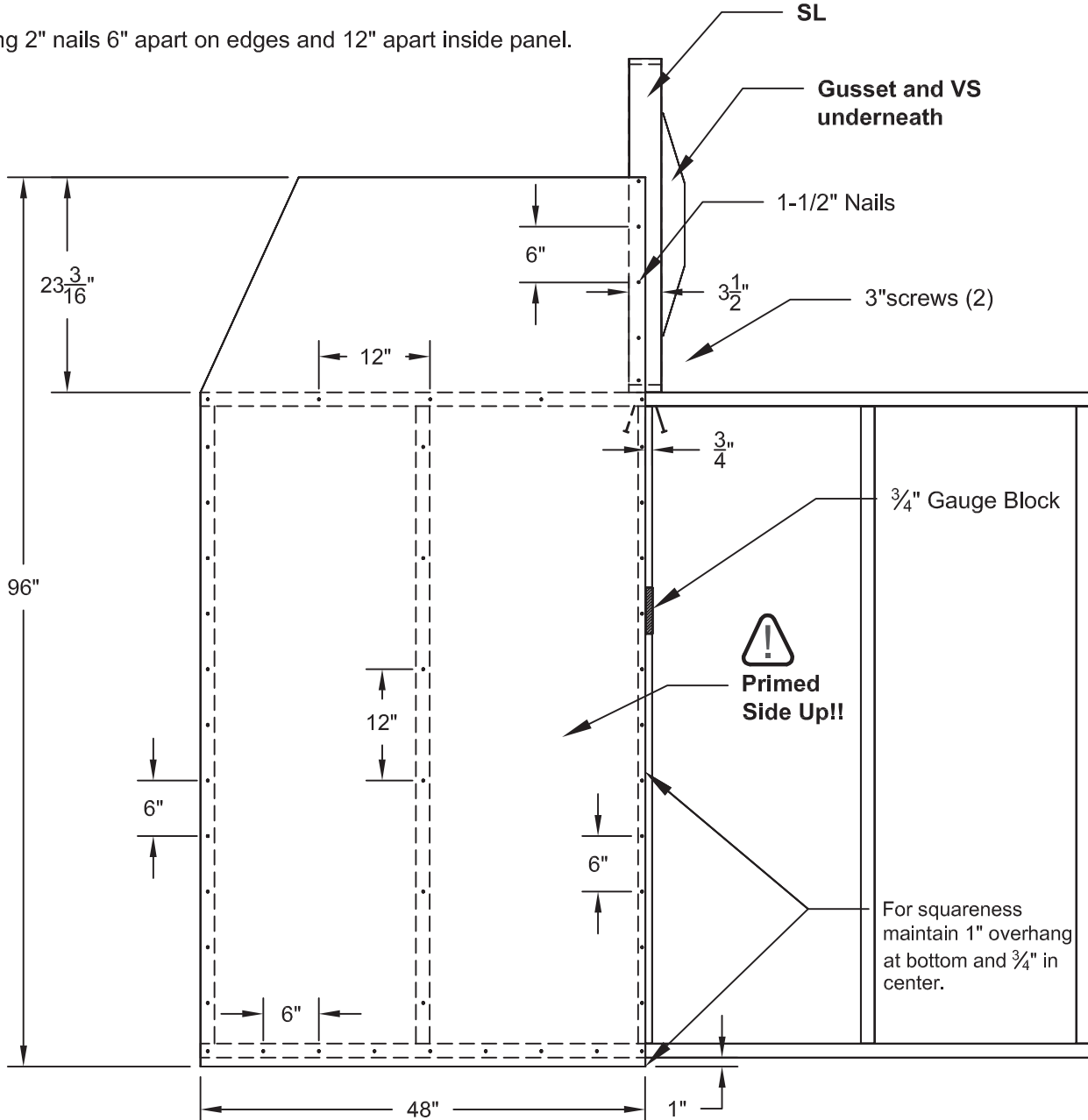


## Fasteners Required:

X5	1-1/2" Nails
X45	2" Nails
X2	3" Screws

## ASSEMBLY STEPS / NOTES:

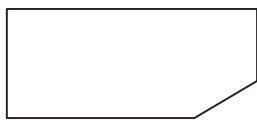
- Center gable panel cleat (**SL**) at the top of the panel and against the wall framing.
- Place a 2 x 4 (**VS used here**) and a gusset under **SL** to support part **SL**.
- Angle two 3" screws through **SL** into the top plate of the wall frame.
- Place panel on frame as shown with primed side facing up.
- Use a 3/4" gauge block at inside edge of panel, and flush to outside edge. Panel is 1" down from bottom plate.
- Nail using 2" nails 6" apart on edges and 12" apart inside panel.



# BACK WALL

## Parts Required:

X1  $\frac{3}{8}$  x 48 x 96" Wall Panel

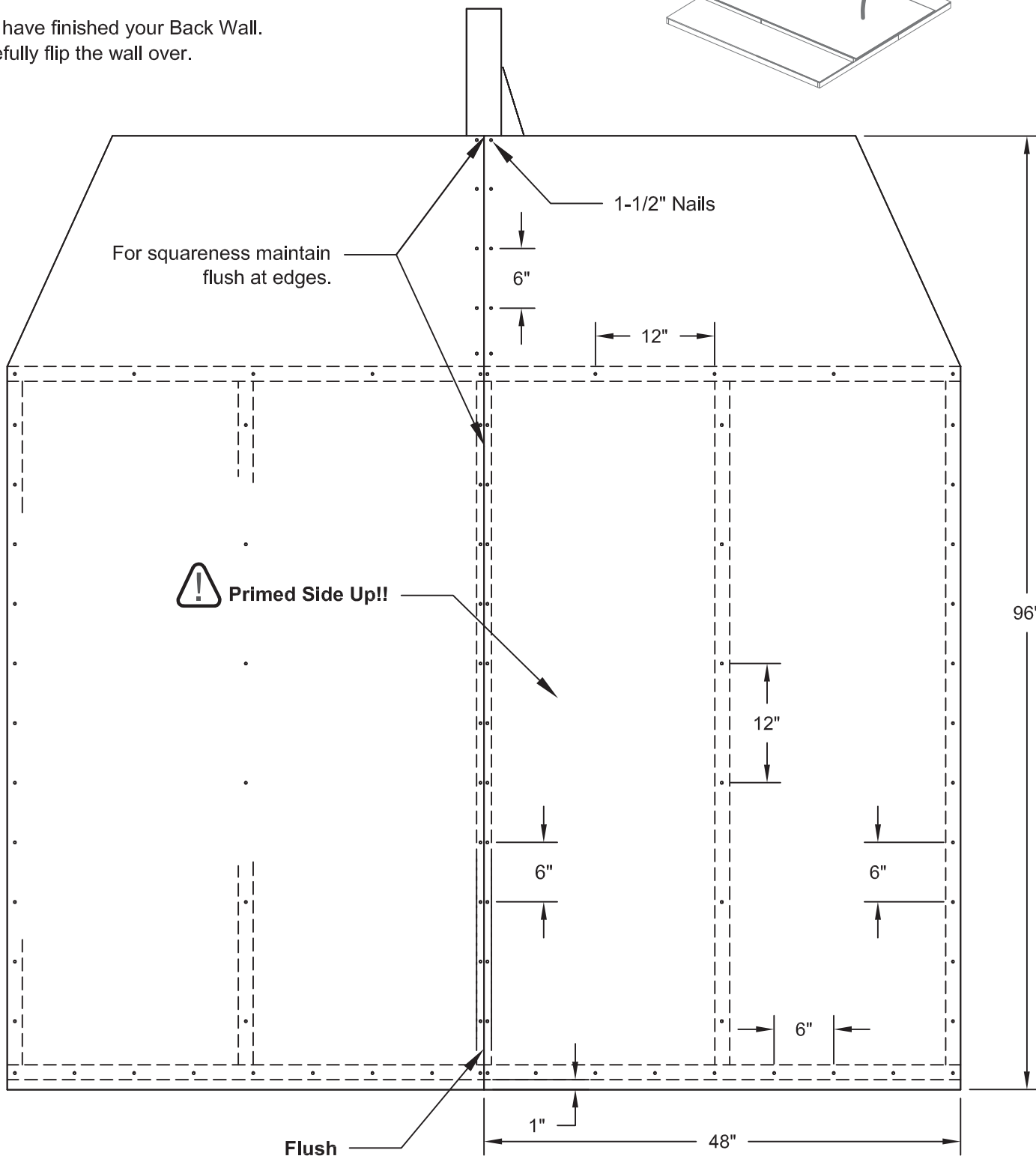
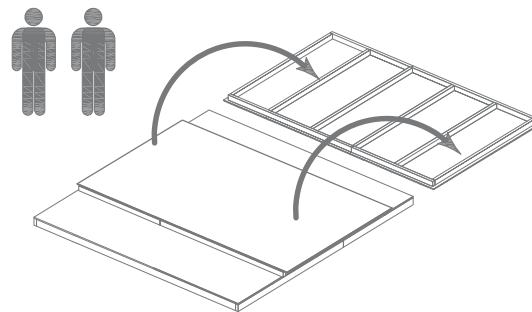


## Fasteners Required:

X5 1-1/2" Nails  
X42 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Place panel on frame as shown with primed side facing up.
2. Keep panel flush to left panel. Panel is 1" down from bottom plate.
3. Nail into place using 2" nails 6" apart on edge and 12" apart in center.
4. You have finished your Back Wall. Carefully flip the wall over.



# SIDE WALL

**Parts Required:**

X8	2 x 4 x 68-13/16"	<b>AEA</b>	
X4	2 x 4 x 68-1/2"	<b>YFA</b>	
X4	2 x 4 x 44-1/2"	<b>STL</b>	

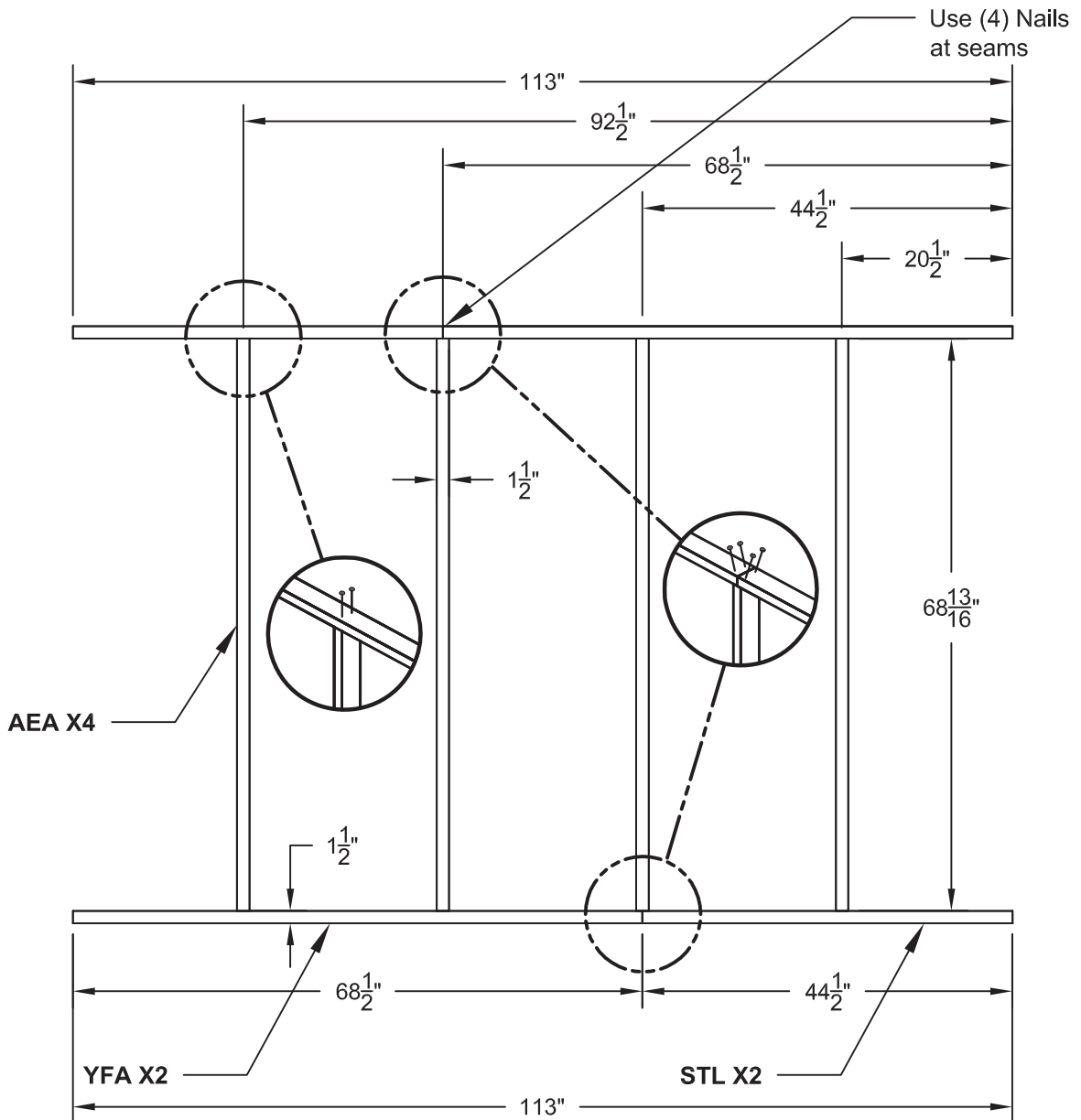
**Fasteners Required:**

X40 3" Nails

**ASSEMBLY STEPS / NOTES:**


**!! YOU WILL BUILD TWO SIDE WALLS THE SAME !!**

1. Orient parts on edge on floor as shown. Measure and mark.
2. Attach with 3" nails, two at each connection. Angle nails at seams.



# SIDE WALL

**Parts Required:**

X1  $\frac{3}{8}$  x 48 x 72" Wall panel 

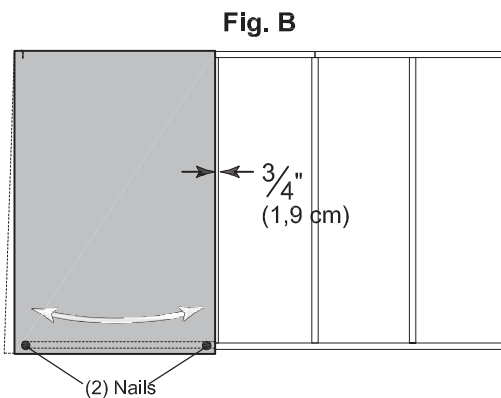
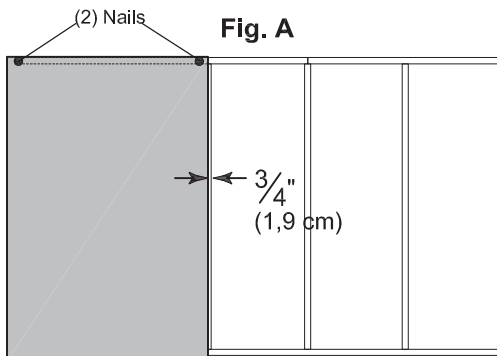
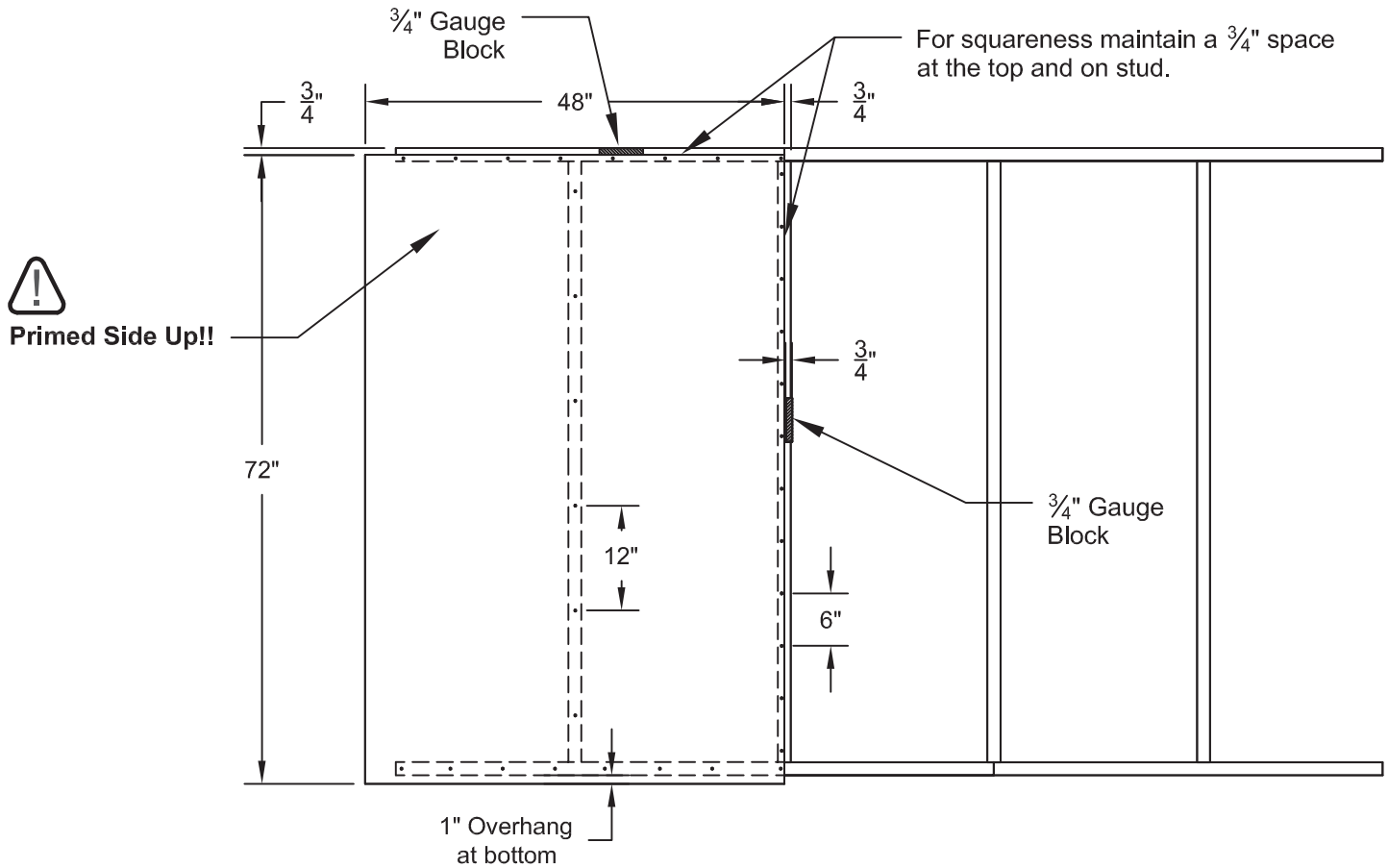


**Fasteners Required:**

X34 2" Nails

**ASSEMBLY STEPS / NOTES:**

1. Place the 48 x 72" panel onto the wall frame with primed side up as shown. Use the gauge block ( **GAA** ) to mark the  $\frac{3}{4}$ " measurement on the wall stud and top plate. Secure 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 have a  $\frac{3}{4}$ " measurement on the wall stud. Secure corner with two 2" nails (Fig. B).
3. Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel.

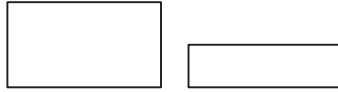




# SIDE WALL

## Parts Required:

- X3  $\frac{3}{8}$  x 48 x 72" Wall panel
- X2  $\frac{3}{8}$  x 23-7/8 x 72" Wall panel

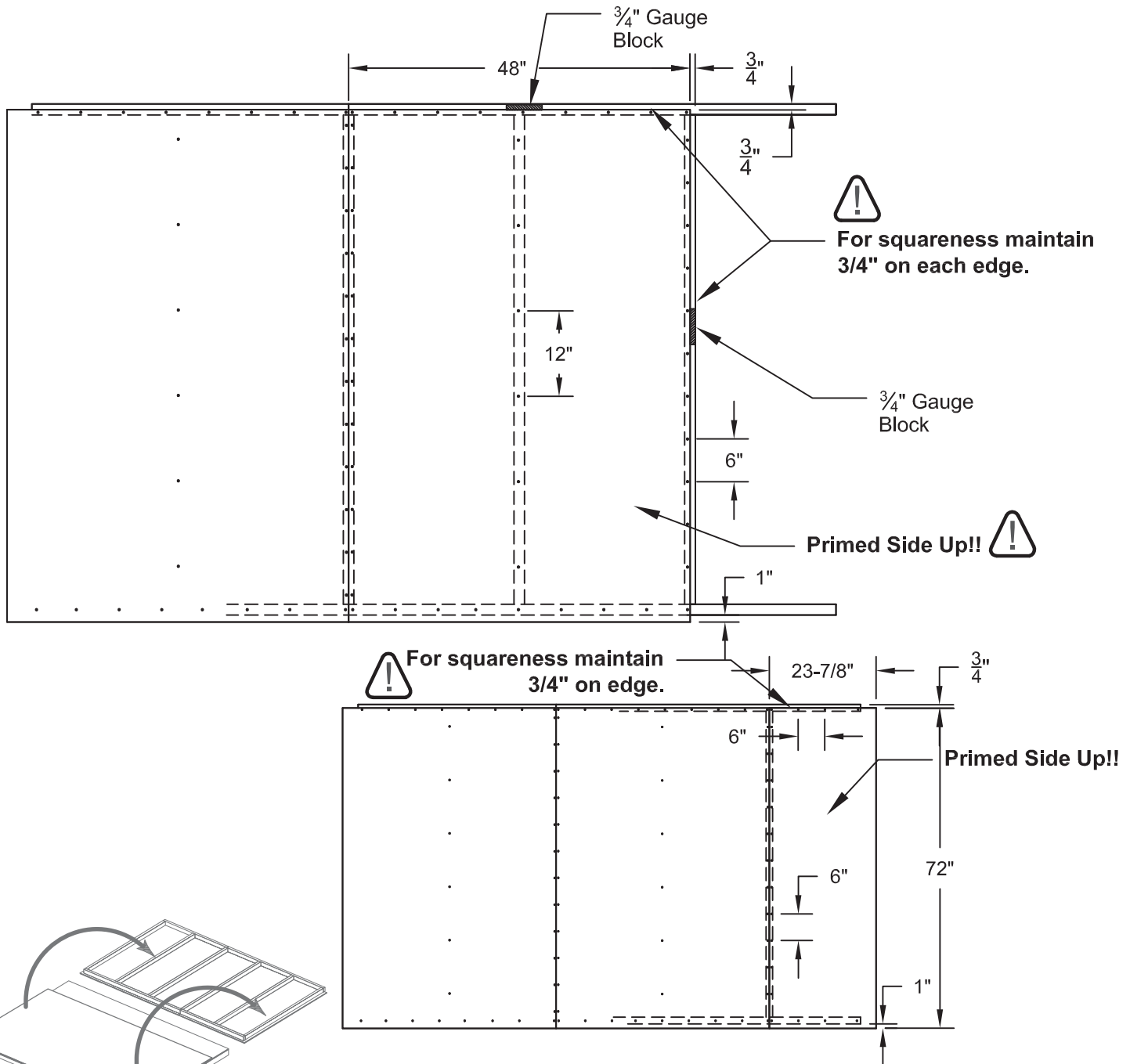


## Fasteners Required:

- X166 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Place the center 48 x 72" panel on frame as shown with primed side facing up. Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel. Keep flush to the first panel and maintain 3/4" at top plate and stud.
2. Repeat this for the last panel.
3. Carefully flip the wall over and **repeat steps** to assemble the second Side Wall.



# FRONT WALL

**Parts Required:**

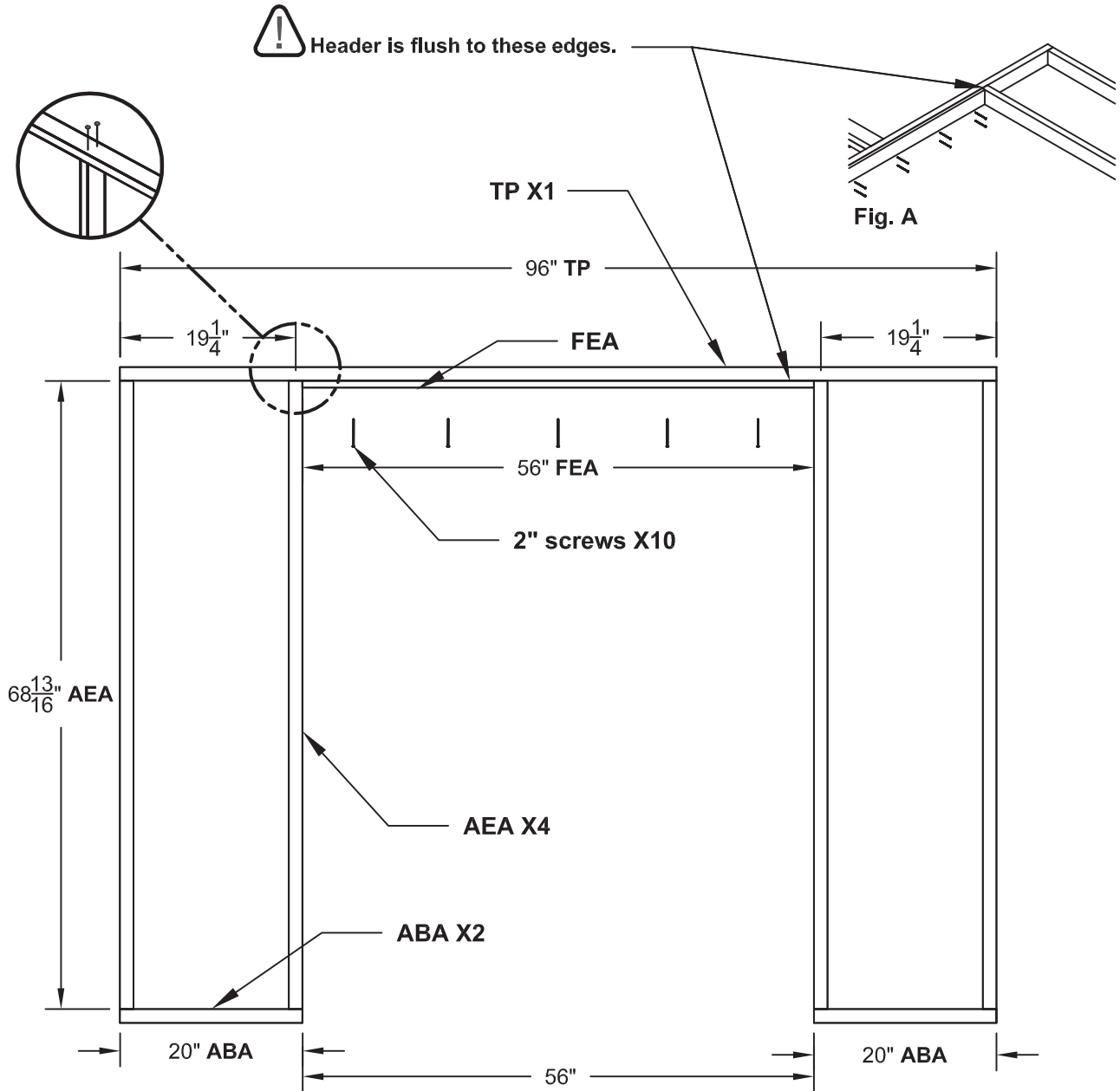
X1	2 x 4 x 96"	<b>TP</b>
X4	2 x 4 x 68-13/16"	<b>AEA</b>
X2	2 x 4 x 20"	<b>ABA</b>
X1	1 x 4 x 56"	<b>FEA</b>

**Fasteners Required:**

X16	3" Nails
X10	2" Screws

**ASSEMBLY STEPS / NOTES:**

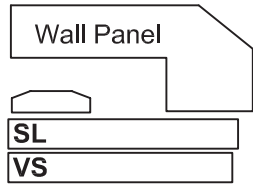
1. Orient parts on edge on floor as shown. Measure and mark. Attach with 3" nails, two at each connection.
2. Screw header with ten 2" screws through the header up into the top plate (Fig A).



# FRONT WALL

## Parts Required:

- X1  $\frac{3}{8}$  x 48 x 96"
- X1 Gusset
- X1 2 x 4 x 36"
- X1 2 x 4 x 35-3/4"

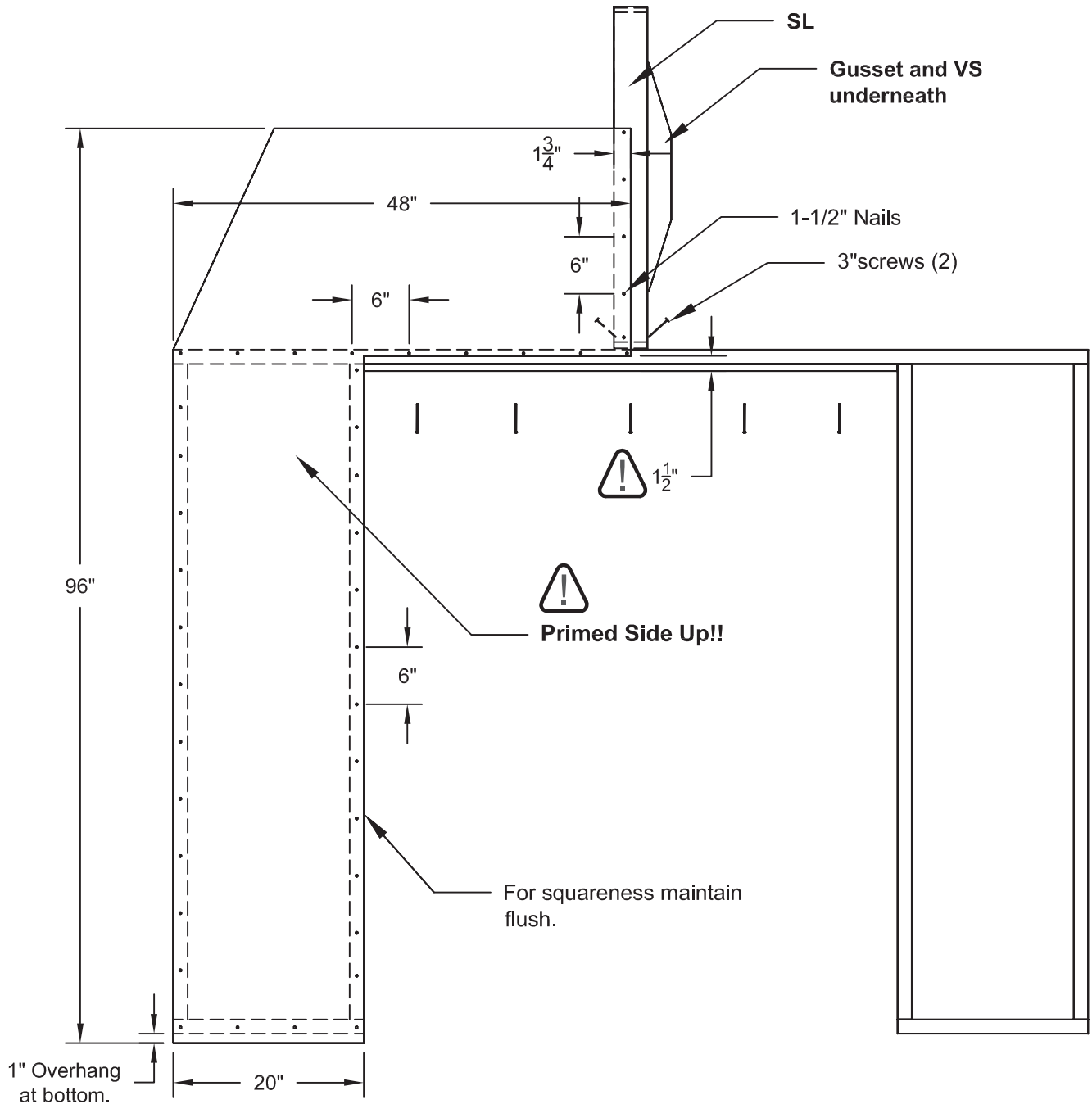


## Fasteners Required:

- X5 1-1/2" Nails
- X36 2" Nails
- X2 3" Screws

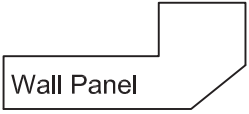

## ASSEMBLY STEPS / NOTES:

1. Center gable panel cleat (**SL**) at the top of the panel and against the wall framing. Place a 2 x 4 (**VS used here**) and a gusset under **SL** to support part **SL**.
2. Angle two 3" screws through **SL** into the top plate of the wall frame.
3. Place panel on frame, primed side up as shown and flush to outside edge. Panel is 1" down from bottom plate.
4. Nail using 2" nails 6" apart on edges and 12" apart inside panel.



# FRONT WALL

## Parts Required:

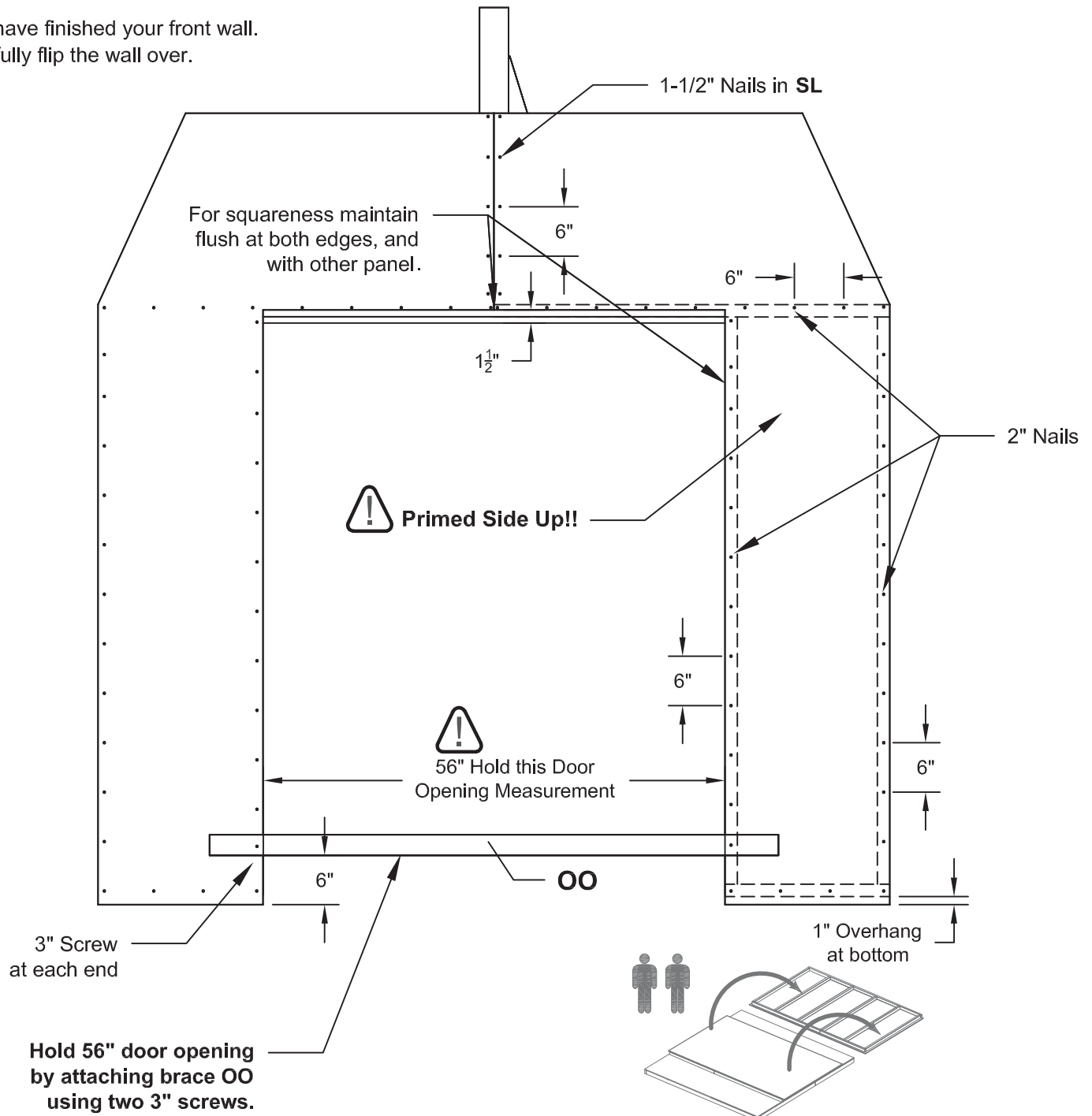
X1	$\frac{3}{8}$ x 48 x 96"		Wall Panel
X1	2 x 3 x 69"		OO Temporary Brace

## Fasteners Required:

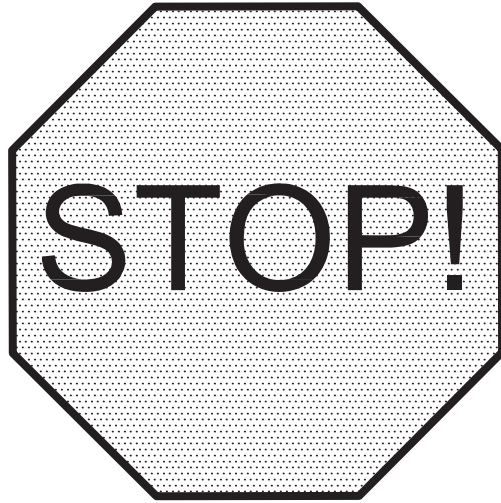
X5	1-1/2" Nails
X36	2" Nails
X2	3" Screws

## ASSEMBLY STEPS / NOTES:

1. Place the 48" x 96" panel onto the wall frame with primed side up as shown. Keep panel flush with the vertical door edge, and flush with the previous wall panel with a 1-1/2" space on framing.
2. Nail the panel using 2" nails 6" apart on edges, and 1-1/2" nails into **SL**.
3. Attach brace **OO** with one 3" screw at each end to hold the 56" door opening.
4. You have finished your front wall. Carefully flip the wall over.



# STANDING WALLS



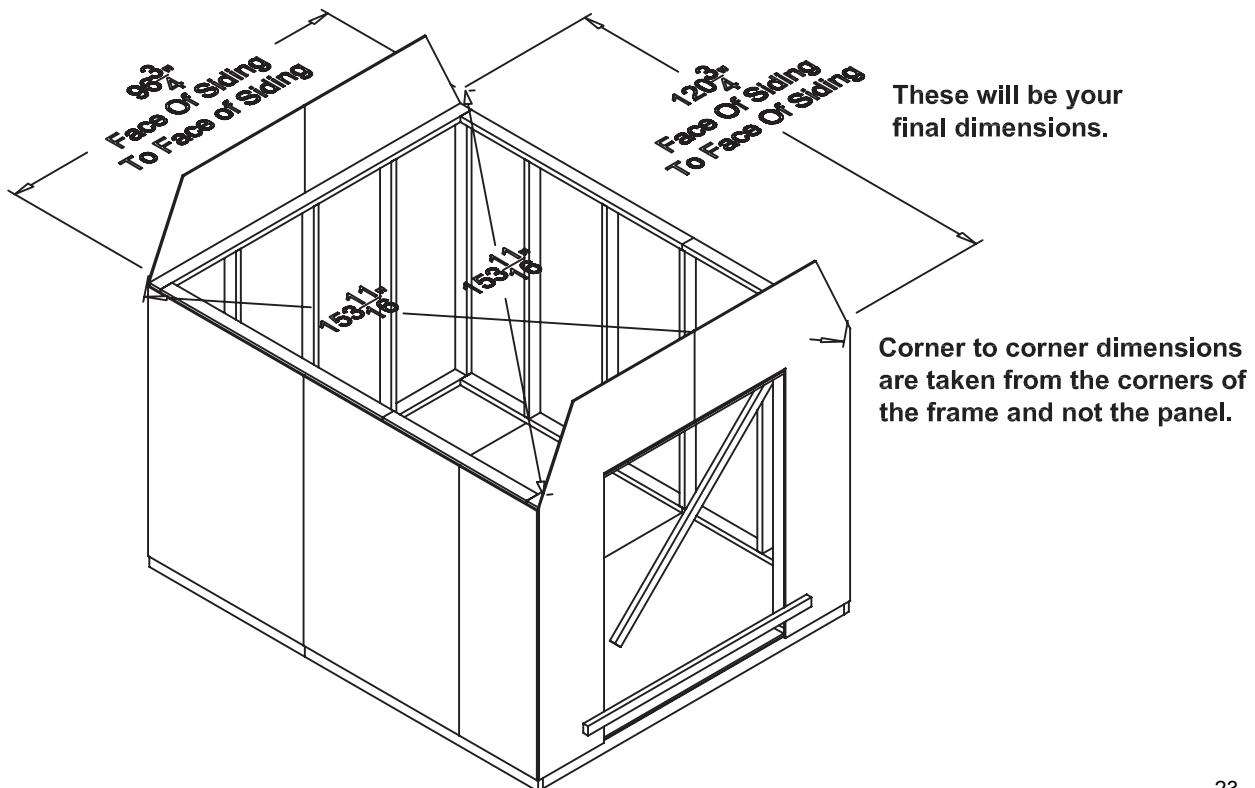
**WHILE INSTALLING THE WALLS IT IS IMPORTANT TO BE AWARE OF THE FOLLOWING FRAMING CONDITIONS AND DIMENSIONS ...**

ALL WALLS ARE ...

- LEVEL
- PLUMB
- SQUARE


THE FINAL DIMENSIONS WILL BE EQUAL

- FRONT TO BACK
- SIDE TO SIDE
- CORNER TO CORNER



# STANDING WALLS



## Parts Required:

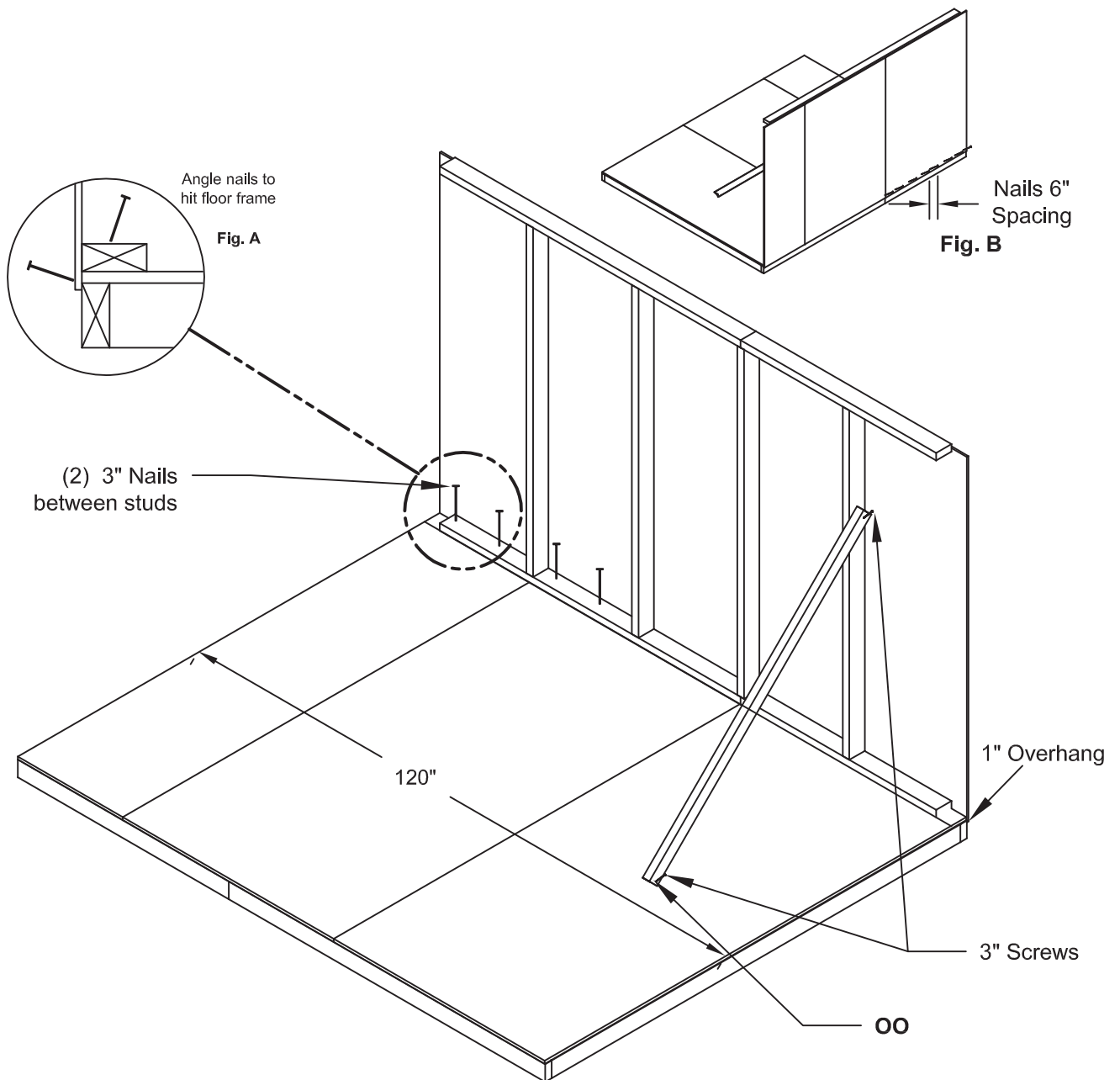
- X1 Side Wall Assembly
- X1 2 x 3 x 69" Temporary Brace 

## Fasteners Required:

- X10 3" Nails
- X22 2" Nails
- x2 3" Screws

## ASSEMBLY STEPS / NOTES:

1. Stand side wall on floor. Overhang is to bottom of panel. Center side wall on the 120" floor dimension. 
2. Use  as a temporary brace. Secure with two 3" screws.
3. First, nail along lower edge of panel to floor frame using 2" nails 6" apart. Angle nail to hit floor frame (Fig. A, B).
4. Second, nail through the bottom plate using two 3" nails between studs. Angle nails to hit floor frame. (Fig. A.)



# STANDING WALLS

## Parts Required:

X1 Back Wall Assembly

## Fasteners Required:

X12 1-1/2" Nails  
 X19 2" Nails  
 X8 3" Nails  
 X1 3" Screws

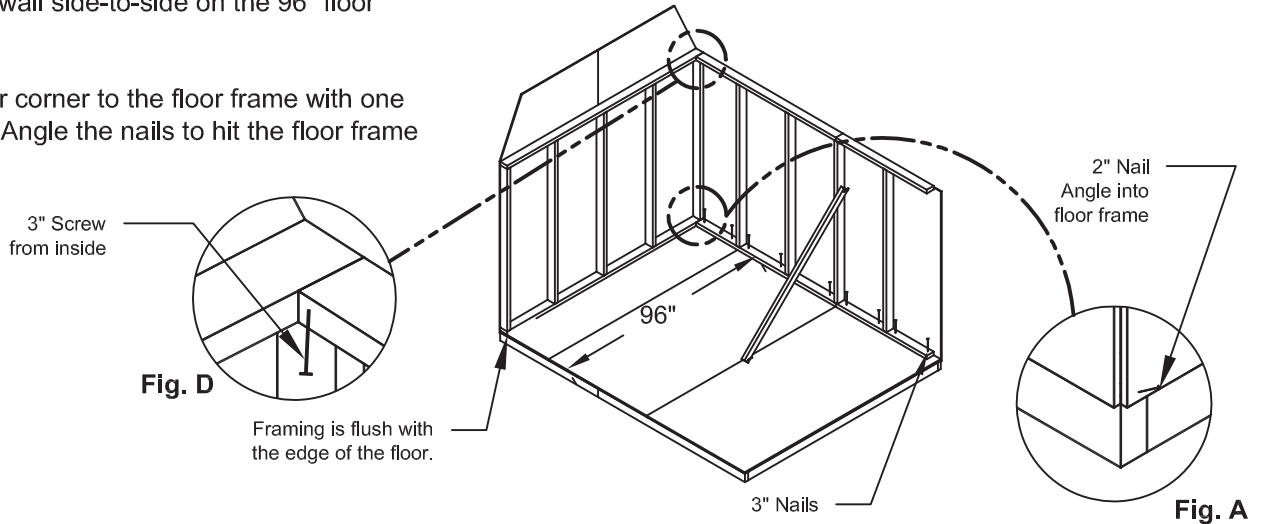
## ASSEMBLY STEPS / NOTES:

It is important to secure the walls in the following order.



- Center back wall side-to-side on the 96" floor dimension.

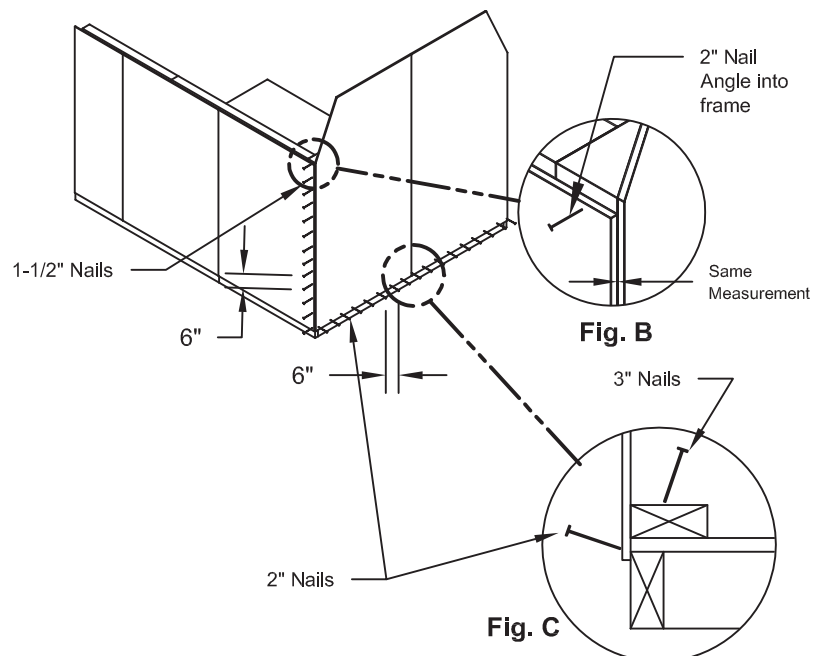
Nail the lower corner to the floor frame with one 2" nail each. Angle the nails to hit the floor frame (Fig. A)



- Be sure the measurement between the panel edges is consistent along the entire length. Then secure with one 2" nail in the upper corner (Fig. B).

Nail along the side panel edge into the frame using 1-1/2" nails spaced 6" apart.

Nail along bottom of panel using 2" nails 6" apart. Angle nail to hit floor frame (Fig. C).



- From inside secure the back wall frame using two 3" nails between each stud, through the frame into the floor (Fig. C) and through the frame into the upper side wall rail (Fig D).

# STANDING WALLS

## Parts Required:

X1 Side Wall Assembly

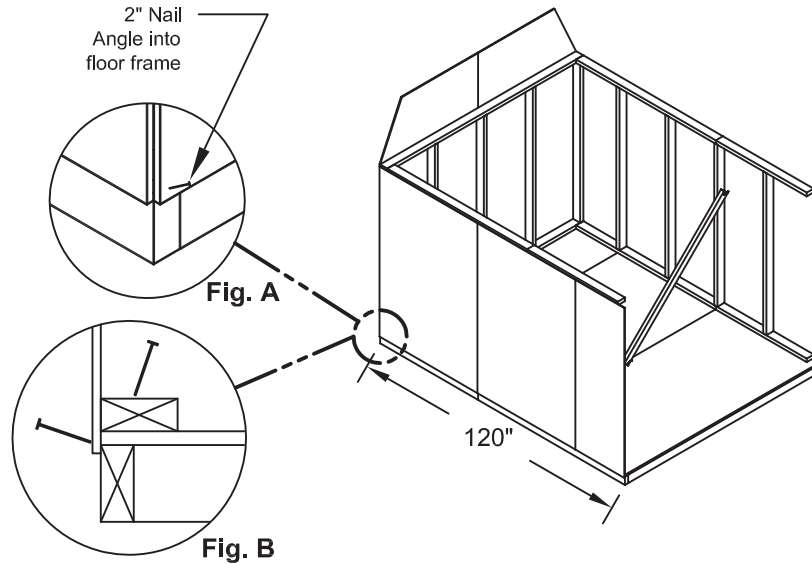
## Fasteners Required:

X1 3" Screws  
 X12 1-1/2" Nails  
 X27 2" Nails  
 X10 3" Nails

- Center side wall side-to-side on the 120" floor dimension.



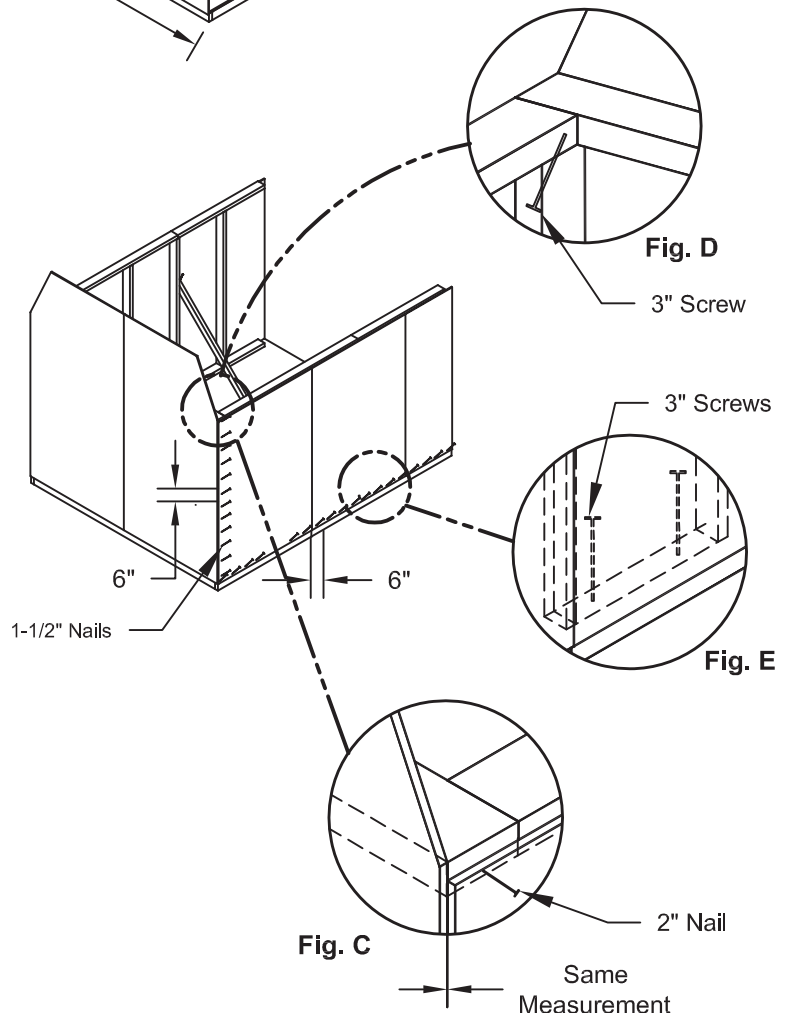
Nail the lower corner to the floor frame with one 2" nail each. Angle the nails to hit the floor frame (Fig. A & B)



- Be sure the measurement between the panel edges is consistent along the entire length. Then secure with one 2" nail in the upper corner (Fig. C).

Nail along the side panel edge into the frame using 1-1/2" nails spaced 6" apart.

Nail along bottom of panel using 2" nails 6" apart. Angle nail to hit floor frame (Fig. B).



- From inside secure the side wall frame using two 3" nails between studs through the bottom plate into the floor. (Fig. B & E)

Secure side wall top plate into back wall frame with 3" screw. (Fig D)



# STANDING WALLS

## Parts Required:

X1 Front Wall Assembly

## Fasteners Required:

X24 1-1/2" Nails

X12 2" Nails

x4 3" Nails

x2 3" Screws

## ASSEMBLY STEPS / NOTES:

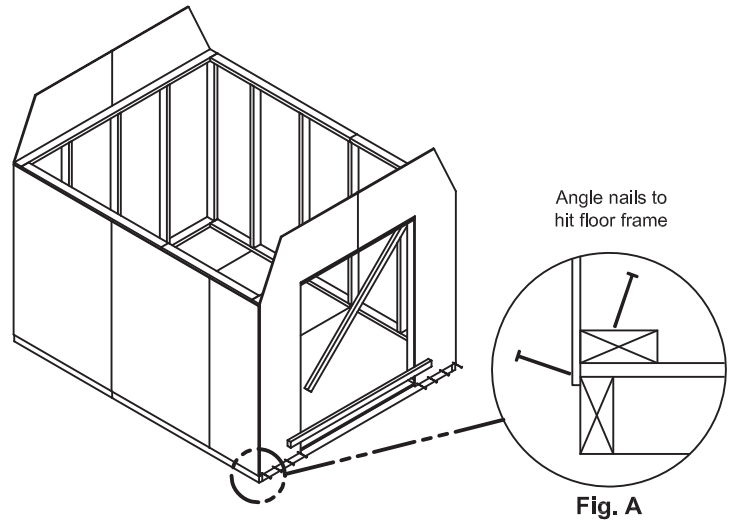
It is important to secure the front wall in the following order.



Begin by standing the front wall on the floor.

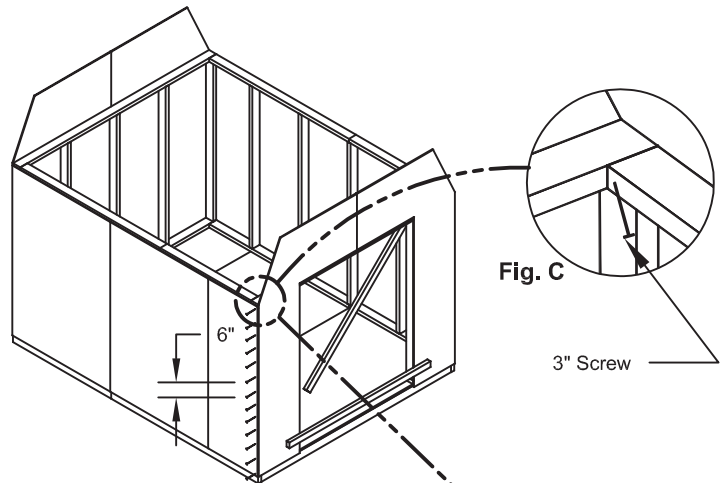
- Center front wall on floor side-to-side. Check the 56" door opening is held before nailing.

Nail the front wall flush to the floor using 2" nails 6" apart. Angle nails to hit floor frame (Fig. A).



- Be sure the measurement between the panel edges is consistent along the entire length. Then secure with one 2" nail in the upper corner (Fig. B).

Nail along the panel edge into the frame using 1-1/2" nails spaced 6" apart.

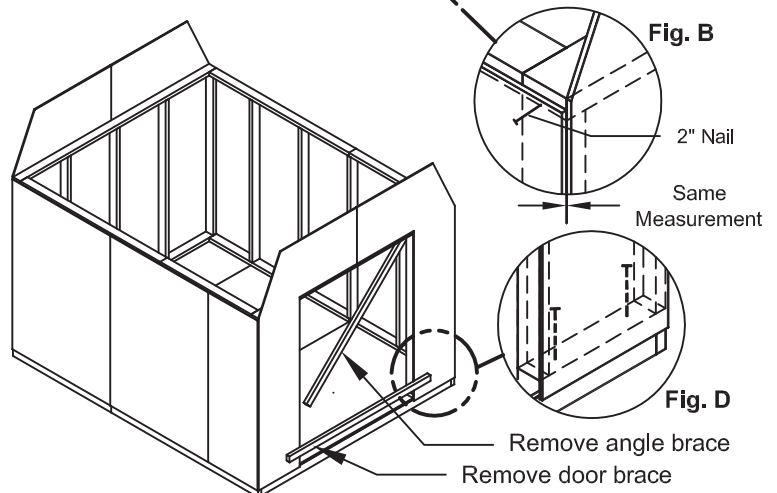


- From inside secure the front wall frame using 3" screws through the frame into the upper side wall plate (Fig C), and two 3" nails between studs through the bottom plate into the floor (Fig A & D).

Move to the opposite side and repeat process.

Remove the temporary braces.

You have finished standing your walls.



# TRUSSES

## Parts Required:

X12 Trusses



X10 Gussets



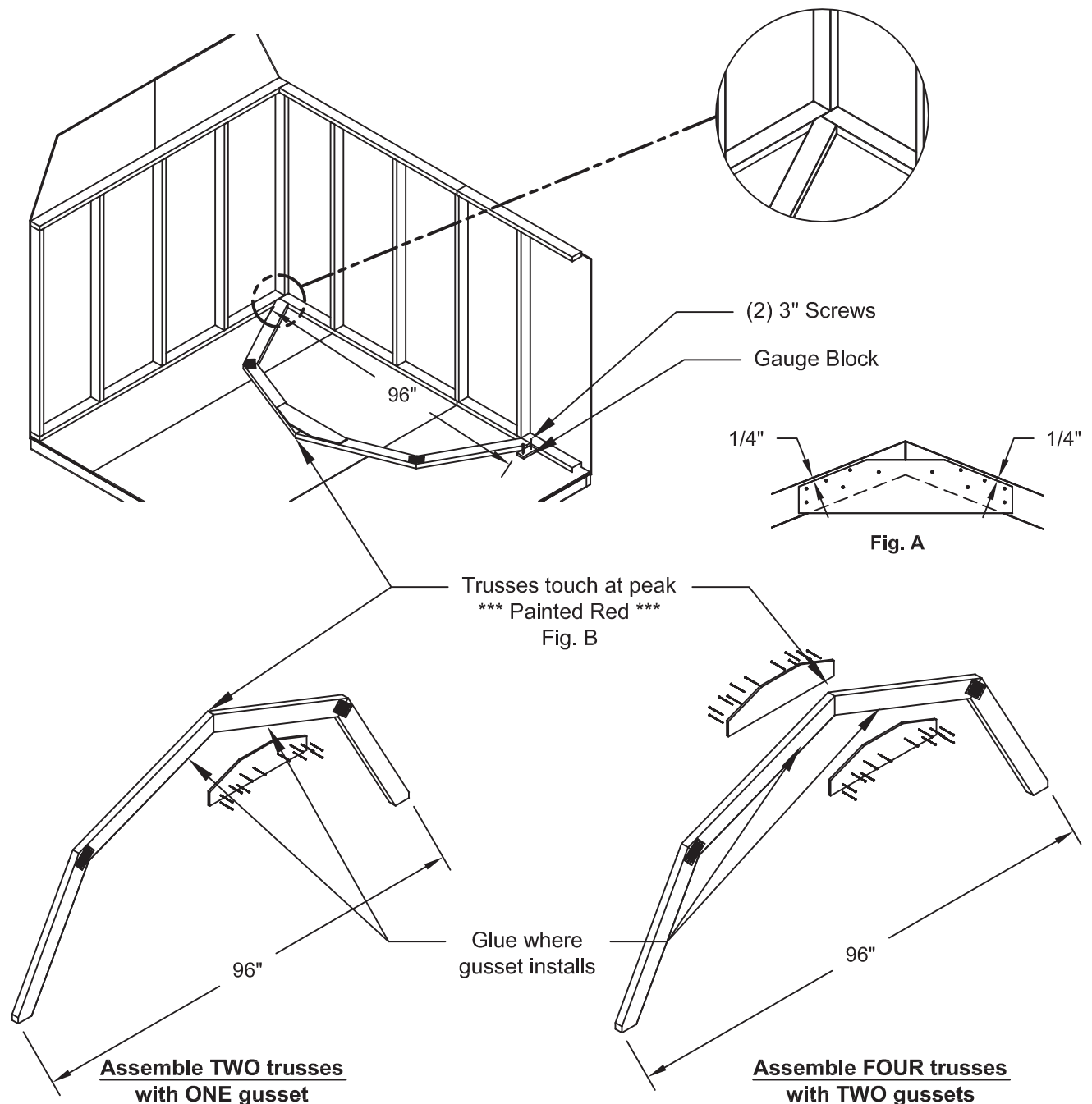
## Fasteners Required:

X120 2" Nails

x2 3" Screws

## ASSEMBLY STEPS / NOTES:

1. You will assemble (6) trusses. **(2) trusses have only ONE gusset. (4) trusses have TWO gussets** . Make a jig so trusses all have the same measurement using the shed floor and  $\frac{3}{4}$ " gauge block.
2. Measure 96" from the corner and screw down the  $\frac{3}{4}$ " gauge block securely.
3. Place truss parts in jig as shown. Apply glue to trusses where the gusset will fit (Fig B). The painted red ends of trusses must touch at the peak. Nail gusset to trusses with a  $\frac{1}{4}$ " offset using twelve 2" nails in pattern shown. (Fig. A)
4. On **TWO** trusses install **ONE** gusset. On **FOUR** trusses flip over truss assembly and attach a **SECOND** gusset.



# TRUSSES

## Parts Required:

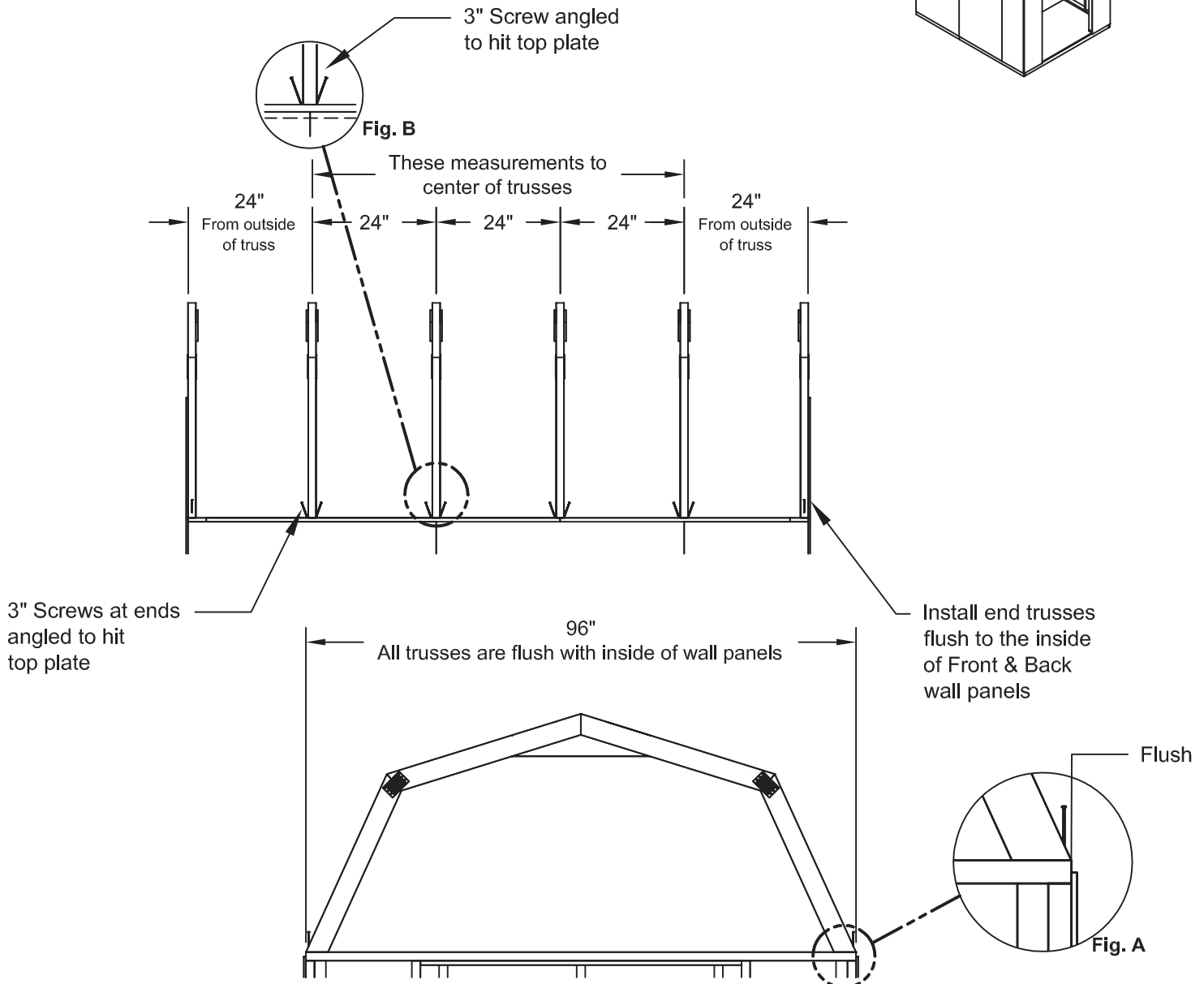
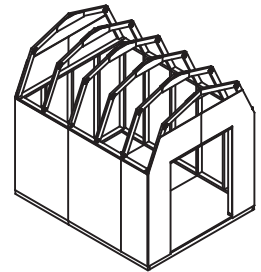
X4 Truss Assemblies w/2-Gussets  
 X2 Truss Assembly w/1-Gusset

## Fasteners Required:

X20 3" Screws

## ASSEMBLY STEPS / NOTES:

1. Mark top of wall frames to measurement shown.
2. Locate end trusses flush against inside of wall panel (Fig A). Secure end truss to wall panel using one 3" screw straight down from top of truss into the top plate (Fig. B). Move to the opposite end and repeat to secure the other truss end.
3. Center middle trusses on marks. Hold truss end flush to outside wall frame (Fig. A) and secure using 3" screws angled through truss into top plate (Fig. B). Move to the opposite end and repeat to secure the other truss end.
4. Repeat steps to attach all trusses.



# GABLE PANELS

## Parts Required:

- X2 Gable Panel Left
- X2 Gable Panel Right

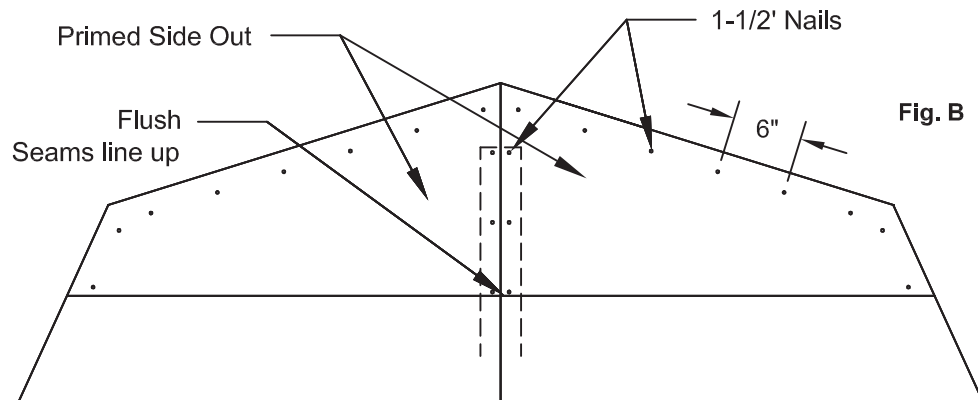
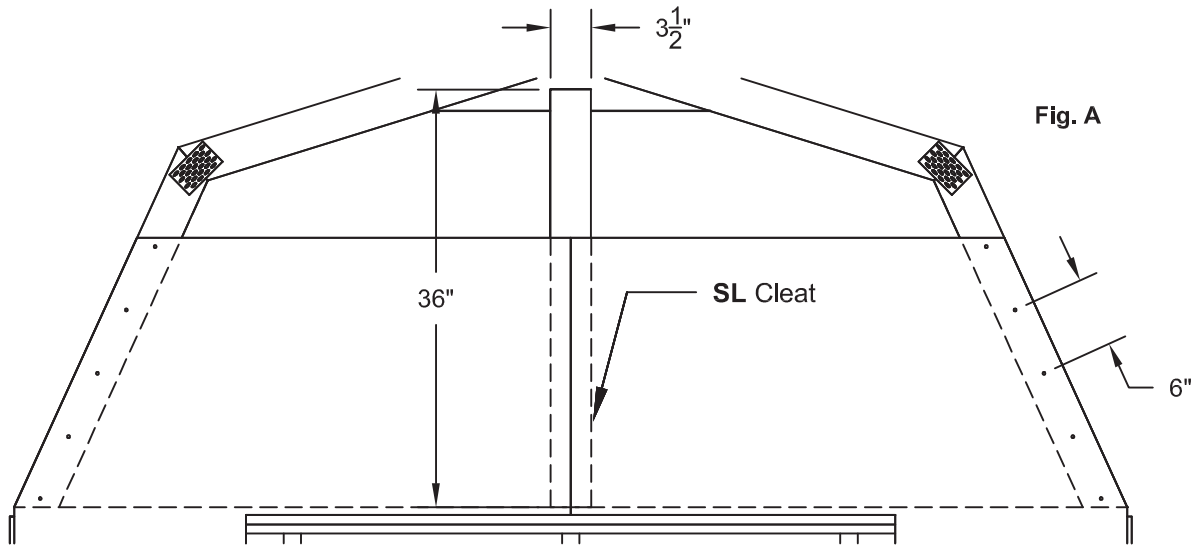


## Fasteners Required:

- X64 1-1/2" Nails

## ASSEMBLY STEPS / NOTES:

1. Using 1-1/2" nails spaced 6" apart, nail the front wall panel to the truss (Fig A).
2. Locate left gable panel flush with the edges of the left front wall panel and nail to the truss and gable panel cleat **SL** using 1-1/2" nails 6" apart. Do the same for the right gable panel (Fig. B).
3. Repeat steps for the opposite side.



# ROOF

## Parts Required:

X1  $\frac{7}{16}$  x 35-3/8 x 96" OSB Panel 



## Fasteners Required:

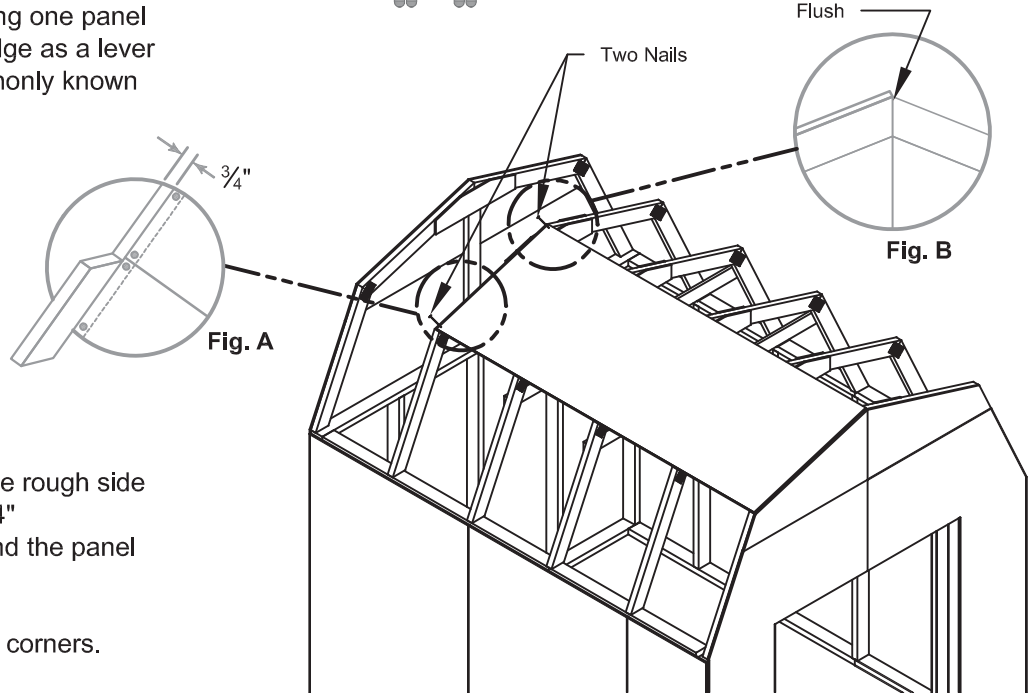
X4 2" Nails

## ASSEMBLY STEPS / NOTES:

Roof panels may cause serious injury until securely fastened.



1. You must square the roof by attaching one panel first. You will use the panels' long edge as a lever to bring your roof into square. Commonly known as "racking".

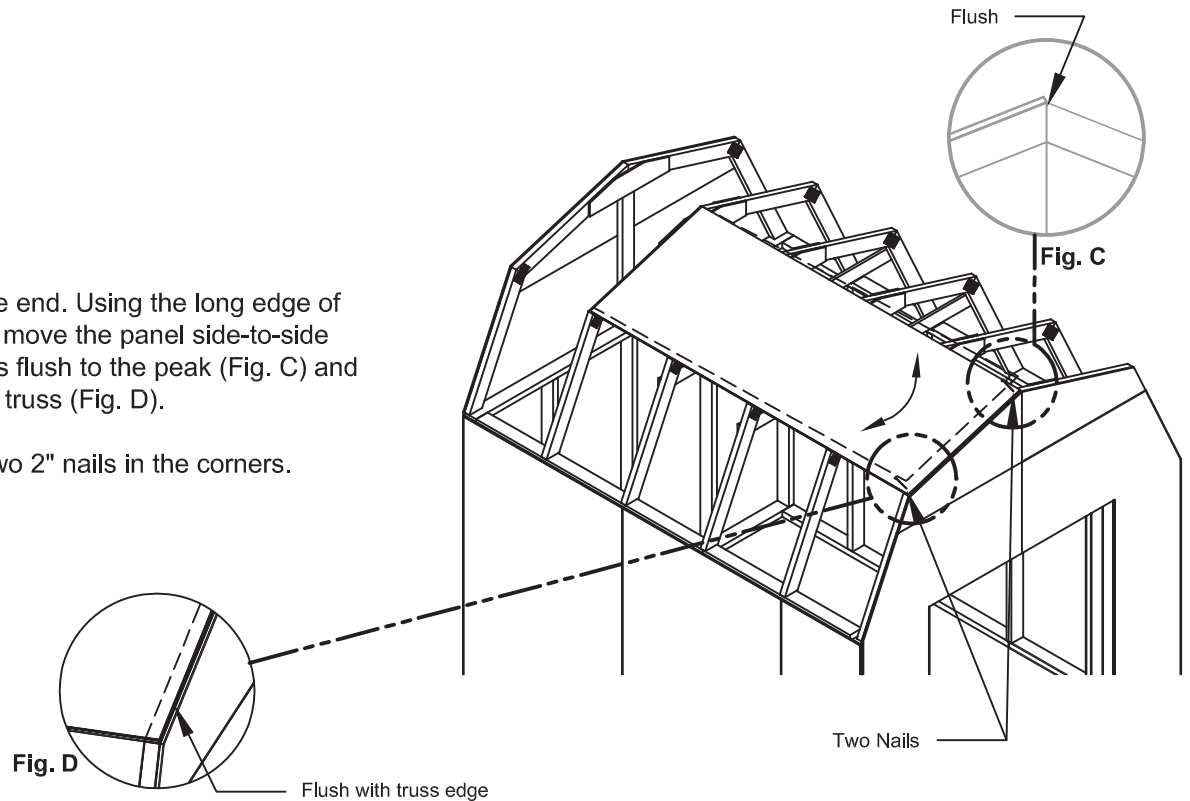


2. Attach the 35-3/8 x 96" panel with the rough side up (painted-grid lines side) with a 3/4" measurement on the truss (Fig A) and the panel flush at the peak (Fig. B).

Secure panel with two 2" nails in the corners.




3. 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 is flush to the peak (Fig. C) and to the outside of the truss (Fig. D).

Secure panel with two 2" nails in the corners.



# ROOF

## Parts Required:

X1	$\frac{7}{16}$ x 35-3/8 x 23-7/8"	OSB Panel	
X1	$\frac{7}{16}$ x 23-7/8 x 96"	OSB Panel	
X1	$\frac{7}{16}$ x 23-7/8 x 23-7/8"	OSB Panel	

## Fasteners Required:

X69 2" Nails



## ASSEMBLY STEPS / NOTES:

Roof panels may cause serious injury until securely fastened.



- Keep spacing between the center of the trusses at the lower edge of the panel, and secure with one 2" nail into each truss (Fig. E).

Move to the top of the panel and keep spacing between the center of the trusses. Secure with one 2" nail into each truss (Fig. E).

Nail the roof panel using 2" nails 6" apart on edges and 12" apart inside panel.

Attach the 35-3/8 x 23-7/8" roof panel flush to first panel along edge, flush with the peak (Fig. F), and flush with the truss edge (Fig G).

- Attach one lower 23-7/8 x 96" roof panel flush to the installed panel along the peak with a 3/4" measurement on the truss (Fig. H & I) and flush with the truss edge (Fig G).

Nail the roof panels using 2" nails 6" apart on the outside and 12" apart on the inside.

- At one end attach a 23-7/8 x 23-7/8" roof panel flush to the installed lower panel along the edge and the upper panel along the peak (Fig. H) and flush to the truss edge (Fig G).

Nail the roof panel using 2" nails 6" apart.

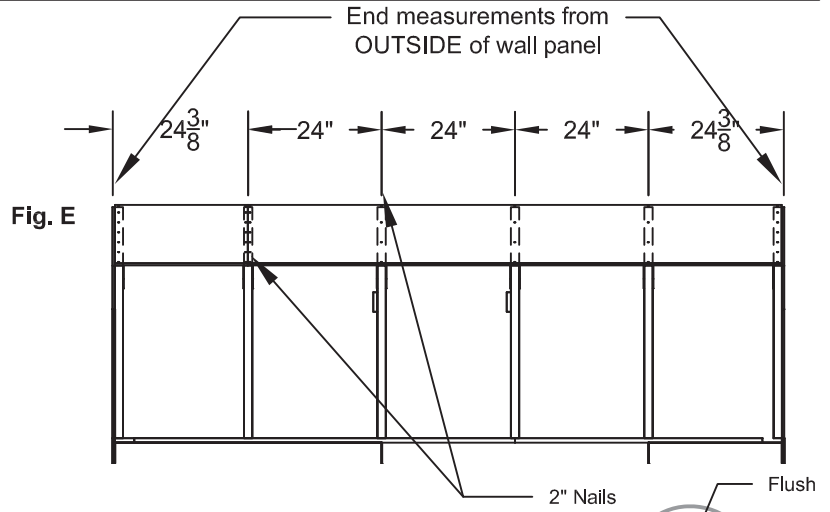


Fig. E

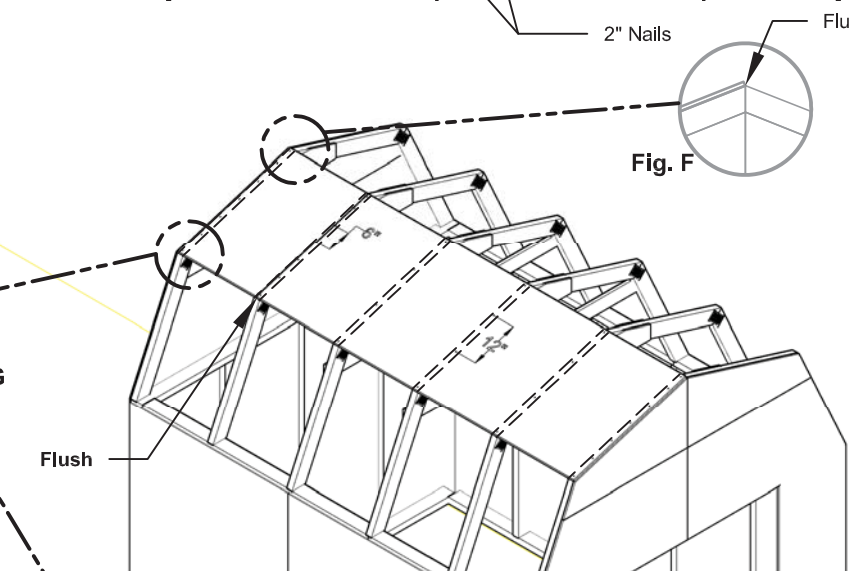


Fig. F

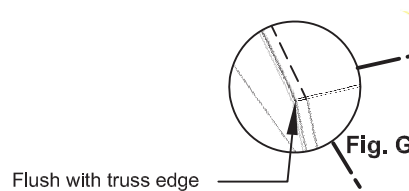


Fig. G

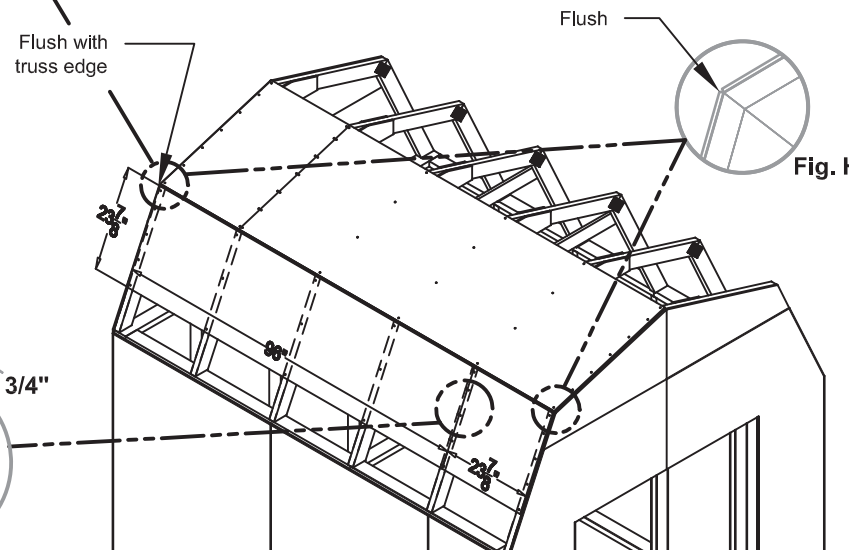


Fig. H

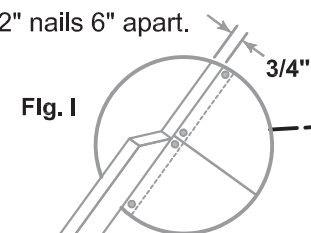


Fig. I

# ROOF

## Parts Required:

X2	$\frac{7}{16}$ x 11-1/2 x 96"	OSB Panel		X1	$\frac{7}{16}$ x 23-7/8 x 23-7/8"	OSB Panel	
X2	$\frac{7}{16}$ x 11-1/2 x 23-7/8"	OSB Panel					
X1	$\frac{7}{16}$ x 35-3/8 x 23-7/8"	OSB Panel		X1	$\frac{7}{16}$ x 35-3/8 x 96"	OSB Panel	
X1	$\frac{7}{16}$ x 23-7/8 x 96"	OSB Panel					

## Fasteners Required:

X97 2" Nails

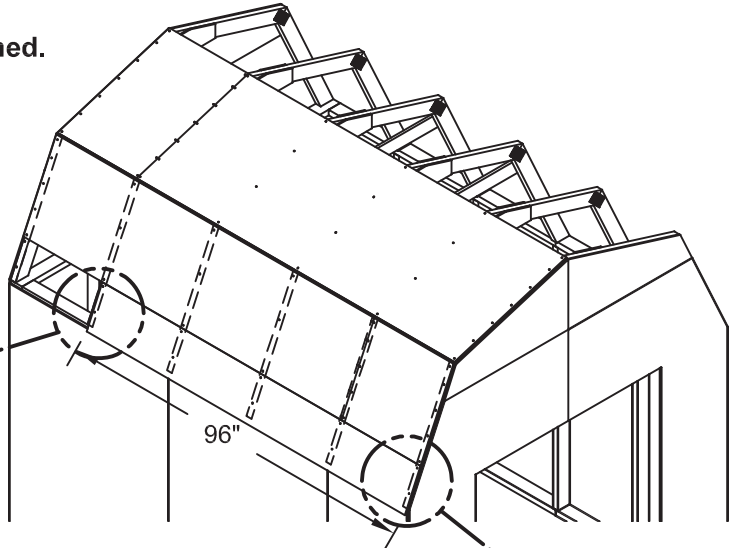
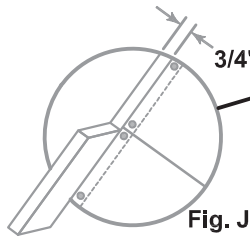


## ASSEMBLY STEPS / NOTES:

Roof panels may cause serious injury until securely fastened.



- Attach roof panel 11-1/2" x 96" flush with the installed roof panel, and with a 3/4" measurement on the truss (Fig J) and flush with truss edge (Fig K).



- Attach the last roof panel 11-1/2 x 23-7/8 flush with the installed roof panels.

Flush to truss edge

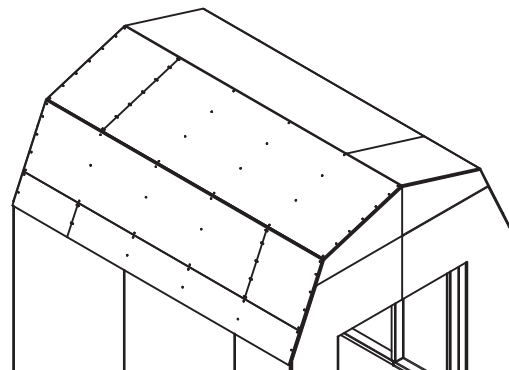
23-7/8"

Flush with truss edge

Fig. K

Flush to gable panel

- Repeat process to install roof panels on the opposite side.



# COLLAR TIES

## Parts Required:

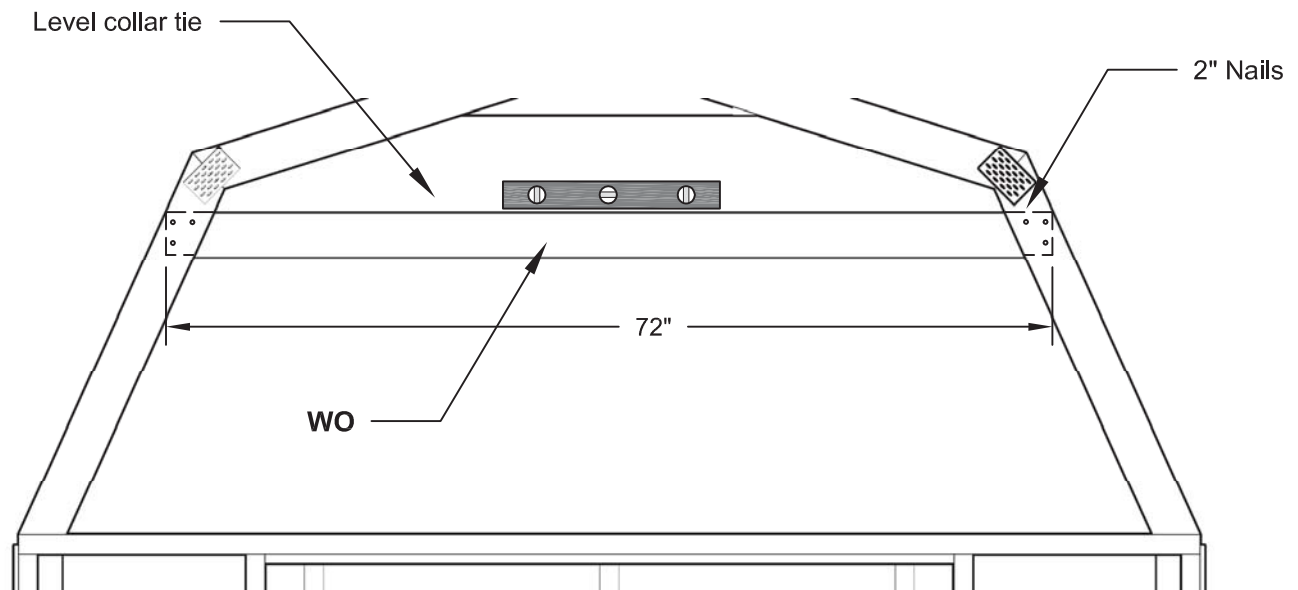
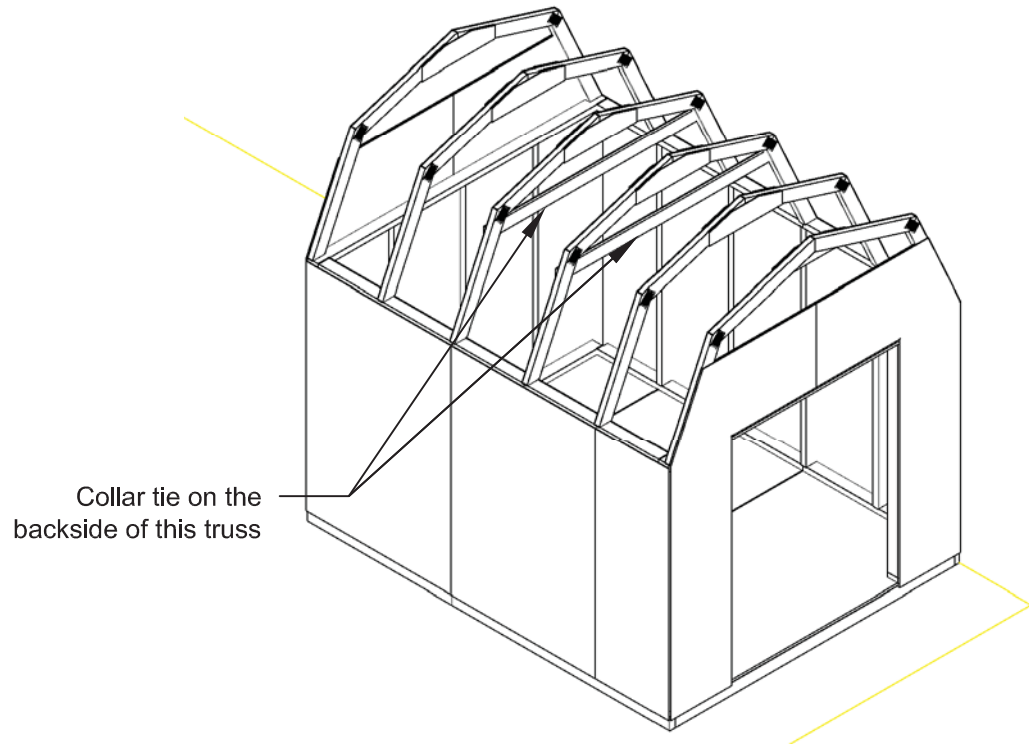
X2 1 x 4 x 72" **WO**

## Fasteners Required:

X12 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Locate collar tie on the truss shown.
2. Level and then nail using 2" nails.





# DOORS

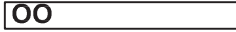
## Parts Required:

X1 Right Door

X1 Left Door



X1 2 x 3 x 69"



## Fasteners Required:

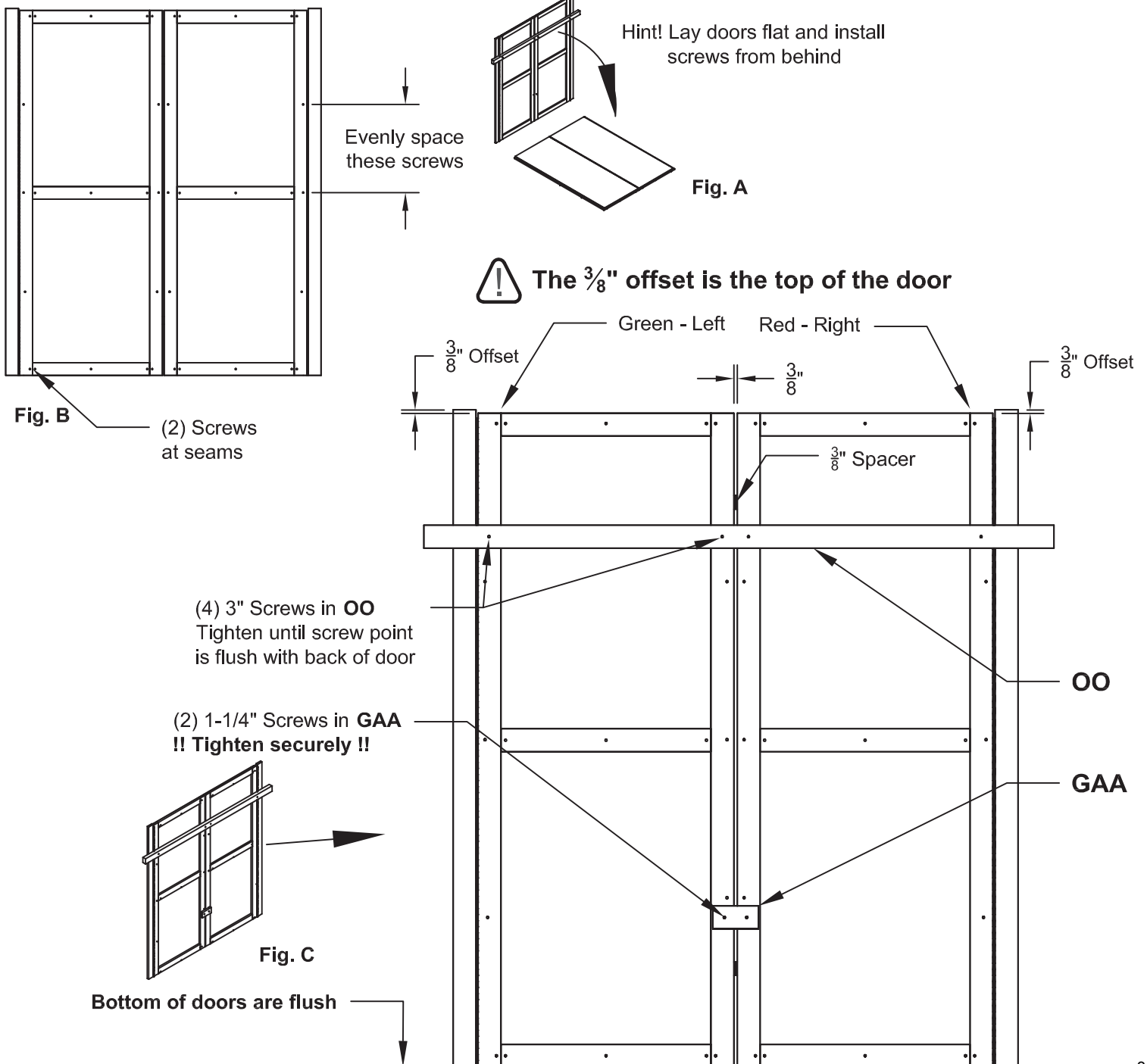
X4 3" Screws

X2 1-1/4" Screws

X38 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 so the point is flush with the back of the door.



# DOORS

## Parts Required:

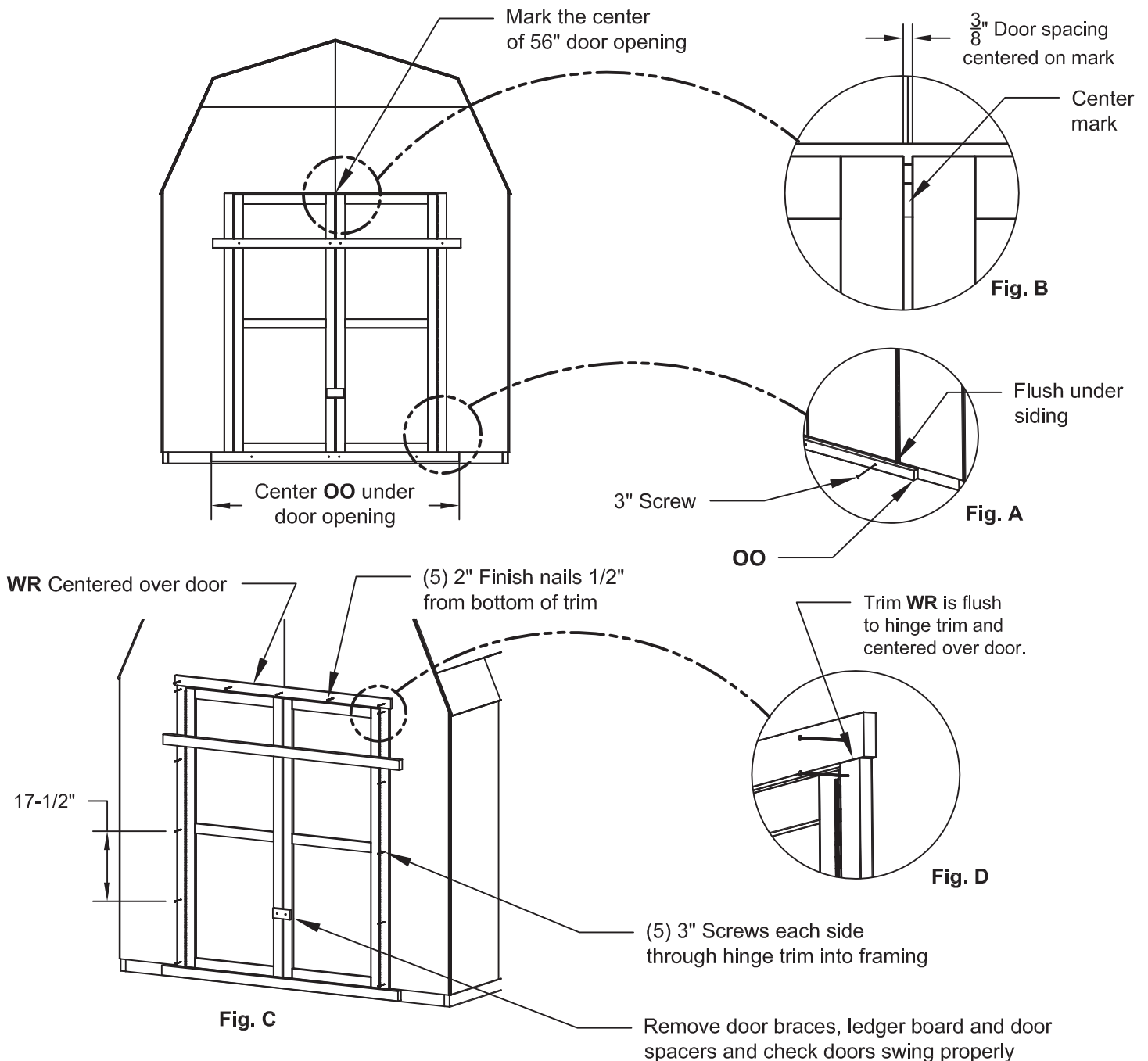
X1	1 <sup>9</sup> / <sub>32</sub> x 2 1 <sup>1</sup> / <sub>2</sub> x 63"	<b>WR</b>
X1	2 x 3 x 69"	<b>OO</b>
X1	Door Assembly	

## Fasteners Required:

X5	2" Finish Nails
X10	3" Screws

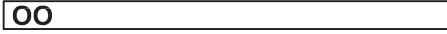
## ASSEMBLY STEPS / NOTES:

1. Mark the center of the 56" door opening. Then install **OO** flush under siding using two 3" screws (Fig. A). The doors will rest on **OO** for easier installation
2. Place the door assembly on **OO** with the  $\frac{3}{8}$ " 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 !!**
3. Locate trim **WR** centered over doors flush to hinge trim. Secure using five 2" finish nails 1/2" from bottom of trim (Fig. D).
4. Remove the door braces, ledger board and door spacers. Check the doors swing properly.



# DOORS








## Parts Required:

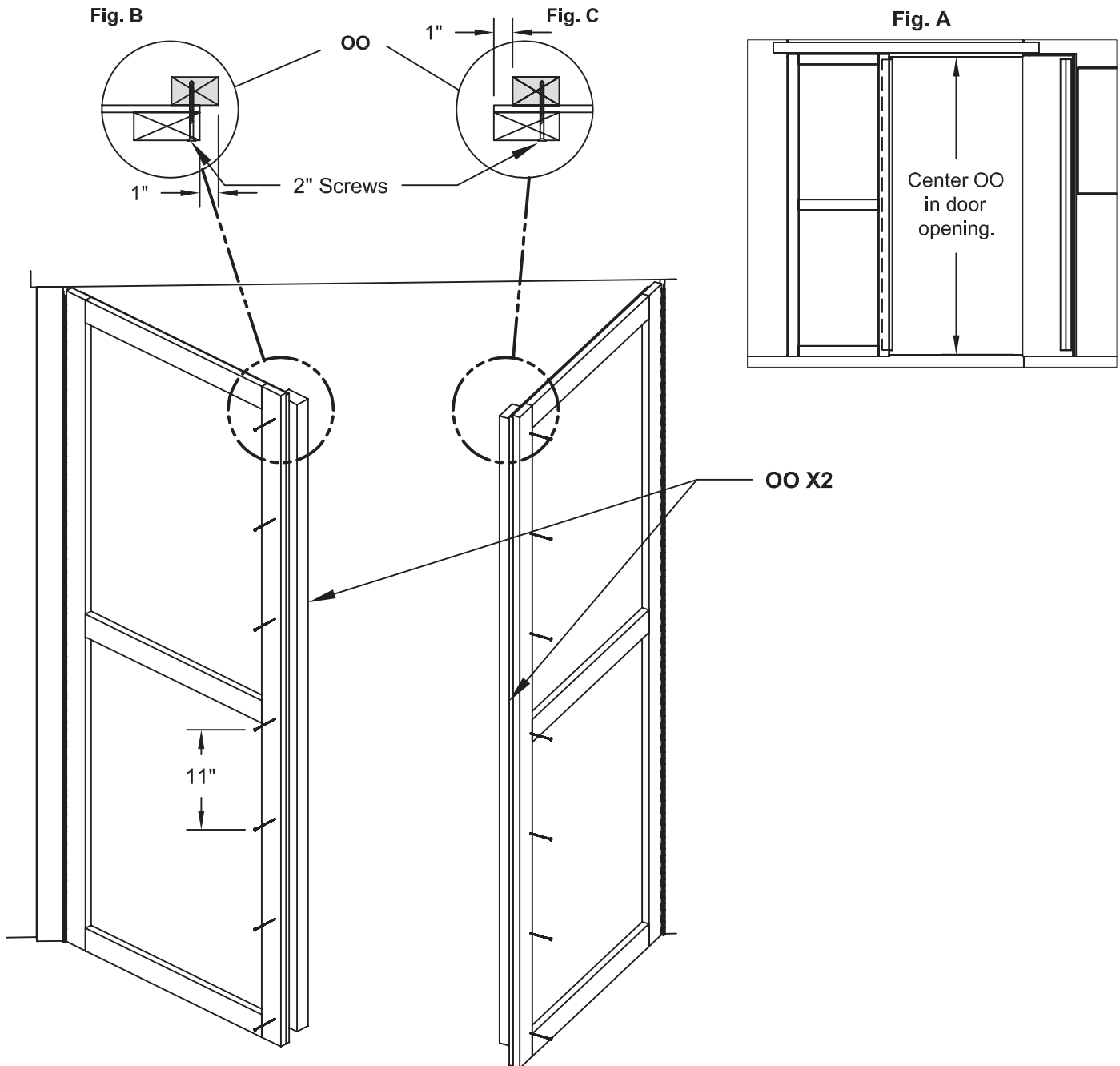
X2 2 x 3 x 69" 

## Fasteners Required:

X14 2" Screws

## ASSEMBLY STEPS / NOTES:

1. With left door closed, center a weatherstrip  vertically on the left door in the door opening (Fig. A).  will offset the left door 1" **OUT** past the door (Fig. B). Secure  using seven 2" screws through outside trim into .
2. On the right door center  vertically in door opening (Fig. A).  will offset the right door 1" **IN** from the door trim (Fig. C). Secure  using seven 2" screws through outside.



# 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 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 5/16" hole for bolt to extend into (Fig. A).
3. Place lower bolt onto **OO** in open position with bolt end 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 5/16" hole for bolt to extend into (Fig. B)
5. Measure up 35-3/4" and drill a 1/4" hole thru door and part **OO** (Fig. C). Re-drill the hole larger with a 1/2" drill. Be careful to avoid breaking thru **OO**. Attach handle with screws supplied. (Fig. D).

Fig. A

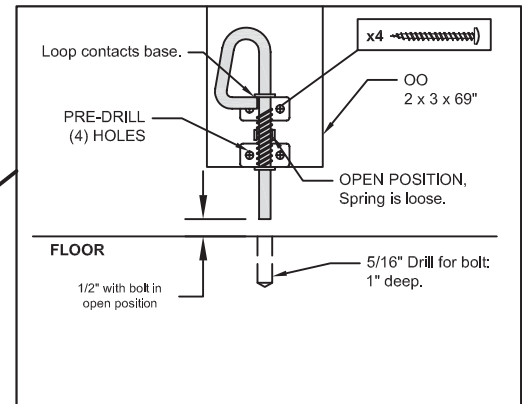
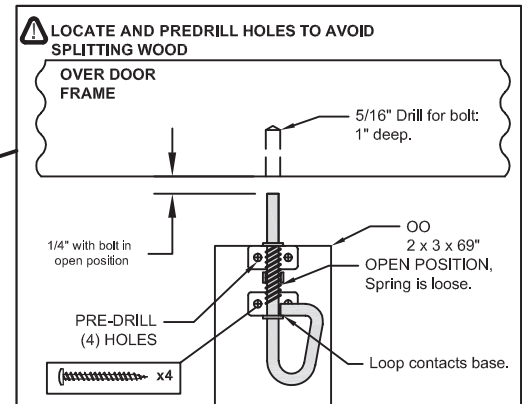
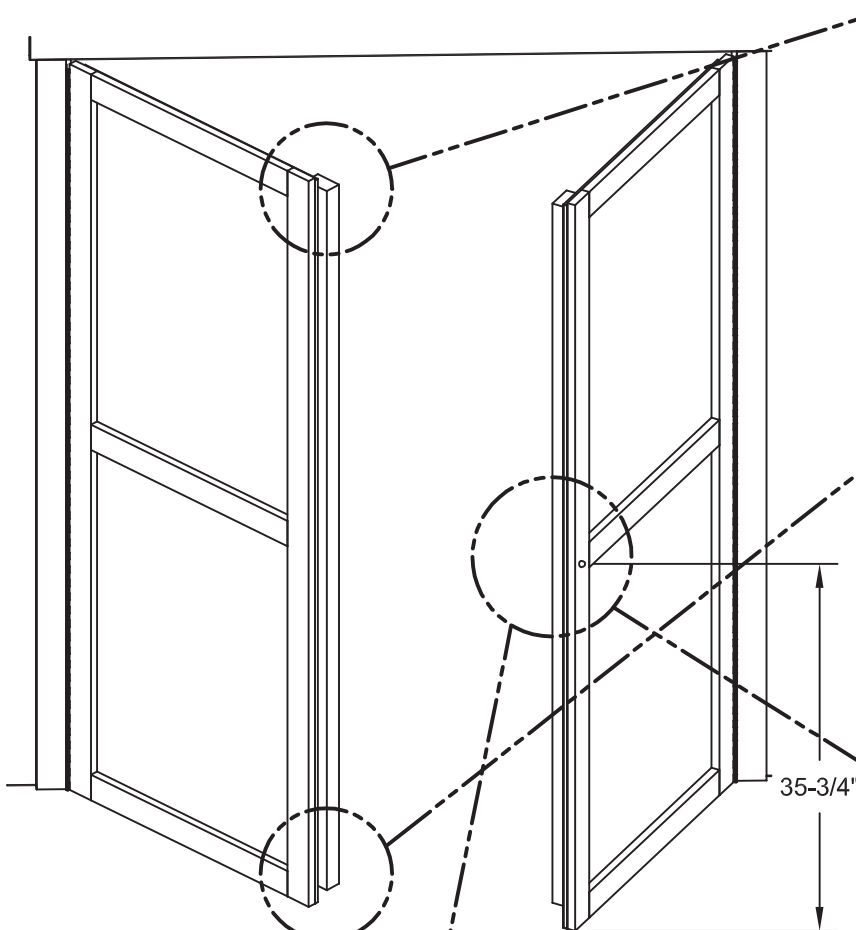


Fig. B



 Keep drill square to avoid breaking through

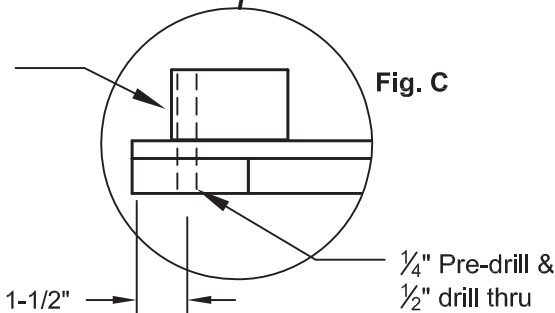


Fig. C

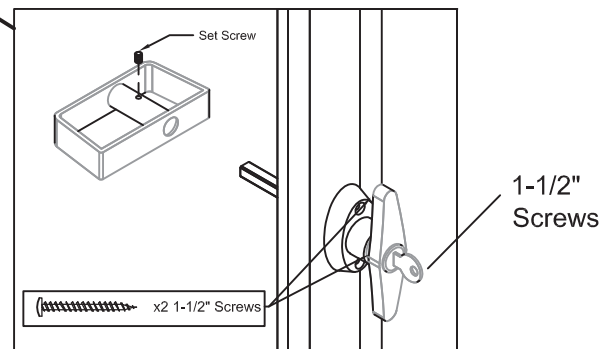


Fig. D

# TRIM

## Parts Required:

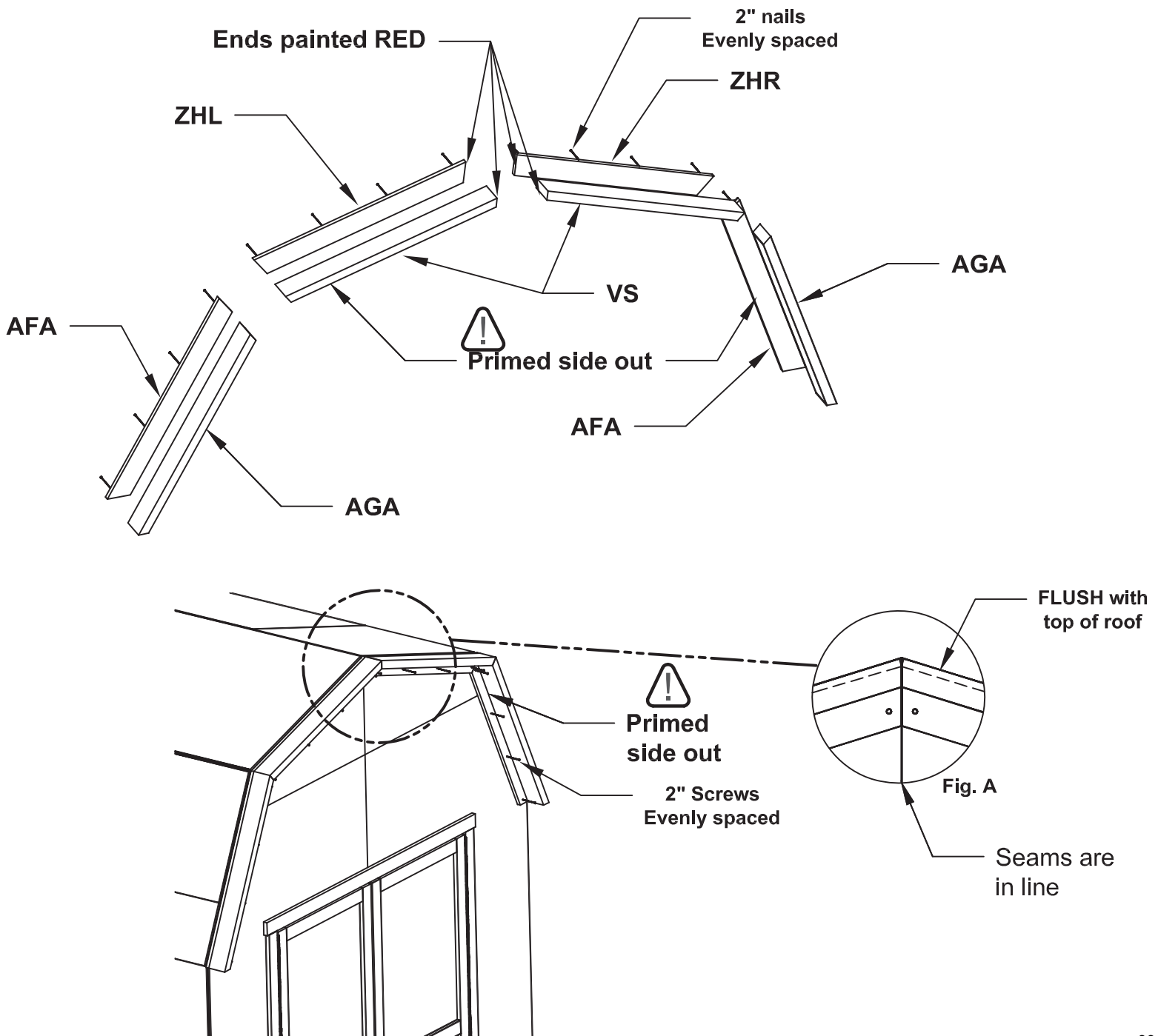
X2	$1\frac{9}{32} \times 3\frac{1}{2} \times 35\frac{15}{16}$ "	<b>AFA</b>	
X1	$1\frac{9}{32} \times 3\frac{1}{2} \times 35\frac{3}{4}$ "	<b>ZHR</b>	
X1	$1\frac{9}{32} \times 3\frac{1}{2} \times 35\frac{3}{4}$ "	<b>ZHL</b>	
X2	$2 \times 4 \times 35\frac{15}{16}$ "	<b>AGA</b>	Angled End
x2	$2 \times 4 \times 35\frac{3}{4}$ "	<b>VS</b>	Angled End

## Fasteners Required:

X16	2" Nails
X16	2" Screws

## ASSEMBLY STEPS / NOTES:

1. Nail gable trim (**ZHR, ZHL, and AFA**) to gable overhang (**VS, AGA**) as shown below with 2" nails. The nails will be going through the rough side with the primed side facing out.
2. Screw the gable assembly pieces to the front of the shed with 2" screws. Flush each piece with the top of the roof panels and seams are in line (Fig A).



# TRIM

## Parts Required:

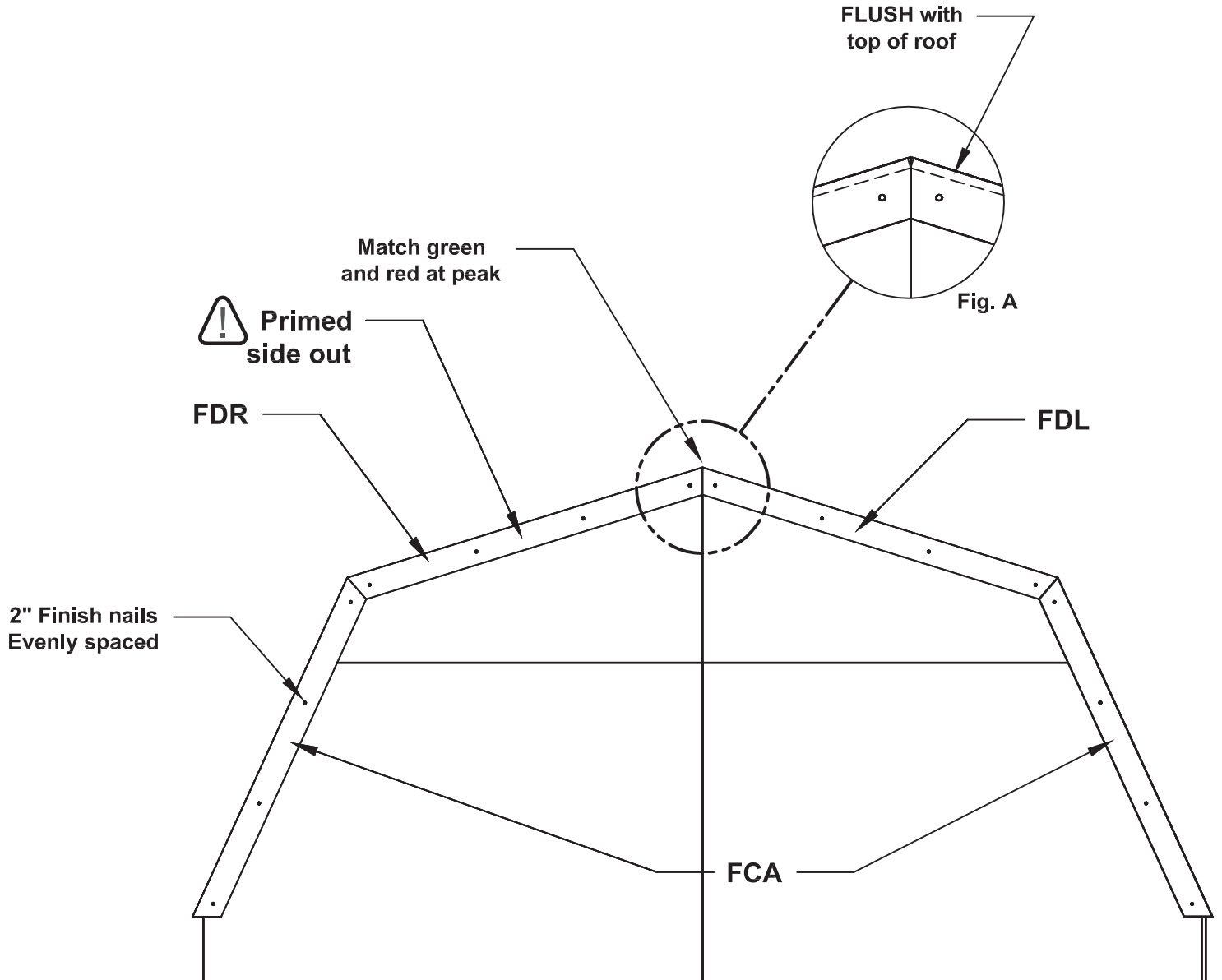
X2	$1\frac{9}{32} \times 2\frac{1}{2} \times 35\frac{13}{16}$ "	<b>FCA</b>
X1	$1\frac{9}{32} \times 2\frac{1}{2} \times 35\frac{3}{4}$ "	<b>FDR</b>
X1	$1\frac{9}{32} \times 2\frac{1}{2} \times 35\frac{3}{4}$ "	<b>FDL</b>

## Fasteners Required:

X16 2" Finish Nails


## ASSEMBLY STEPS / NOTES:

1. Nail the rear gable trim pieces (**FDR**, **FDL**, **FCA**) to the back of the shed flush with the top of the roof panels (Fig A) using 2" finish nails. Primed side out.



# CORNER TRIM

## Parts Required:

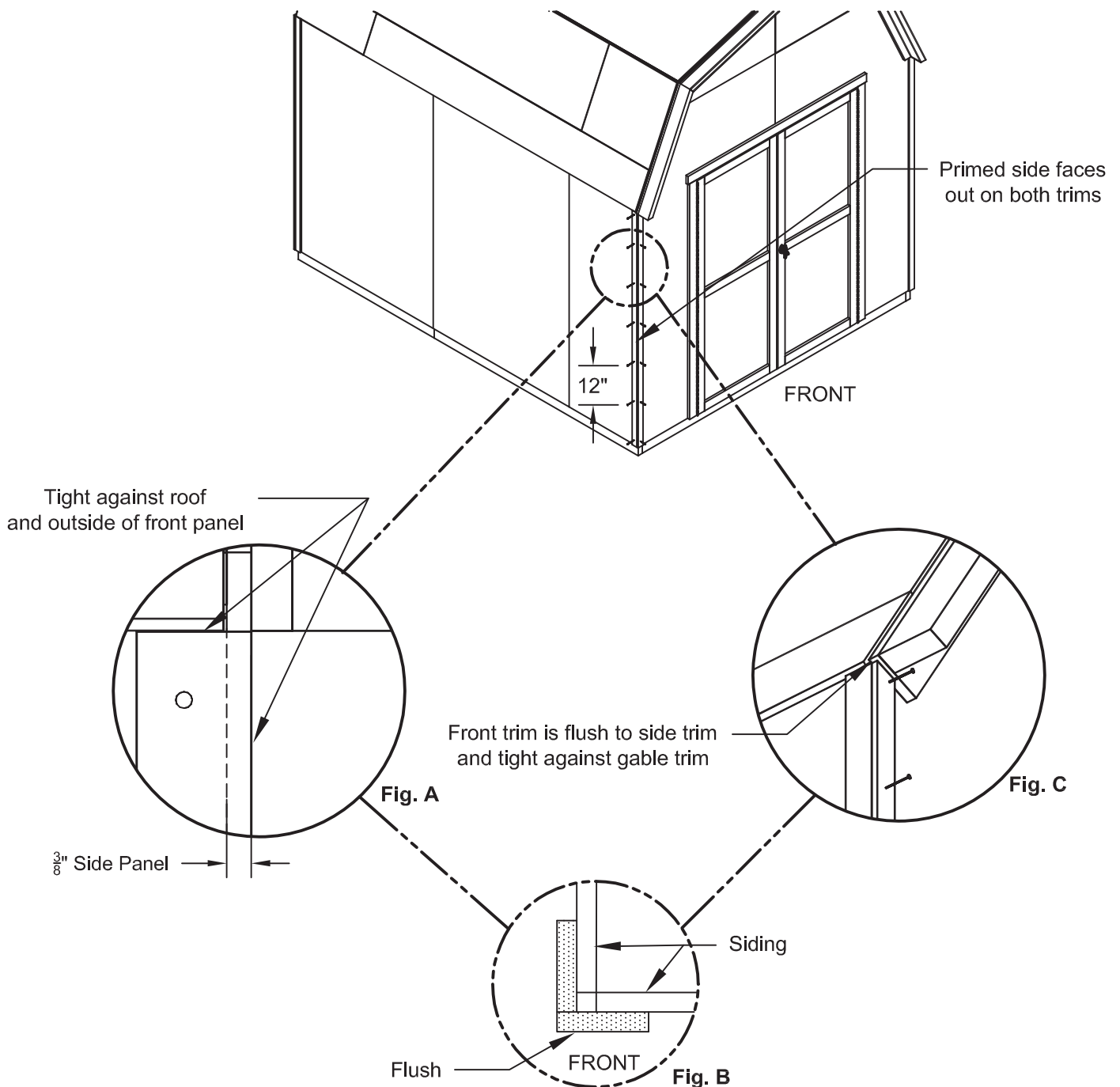
X8  $\frac{3}{8}$  x 1-3/4 x 71-9/16" 

## Fasteners Required:

X56 2" Finish Nails

## ASSEMBLY STEPS / NOTES:

1. Locate 71-9/16" trim on side wall flush to outside of the front wall panel (Fig A, B) and tight against roof (Fig. C) with primed side facing out. Install using 2" finish nails 12" apart.
2. Locate another 71-9/16" trim flush to side corner trim (Fig. B) and the tight against the gable trim (Fig.C) with primed side facing out. Install using 2" finish nails 12" apart.
3. Repeat process at other corners to install all trim pieces.



# GAMBREL HORIZONTAL TRIM

## Parts Required:

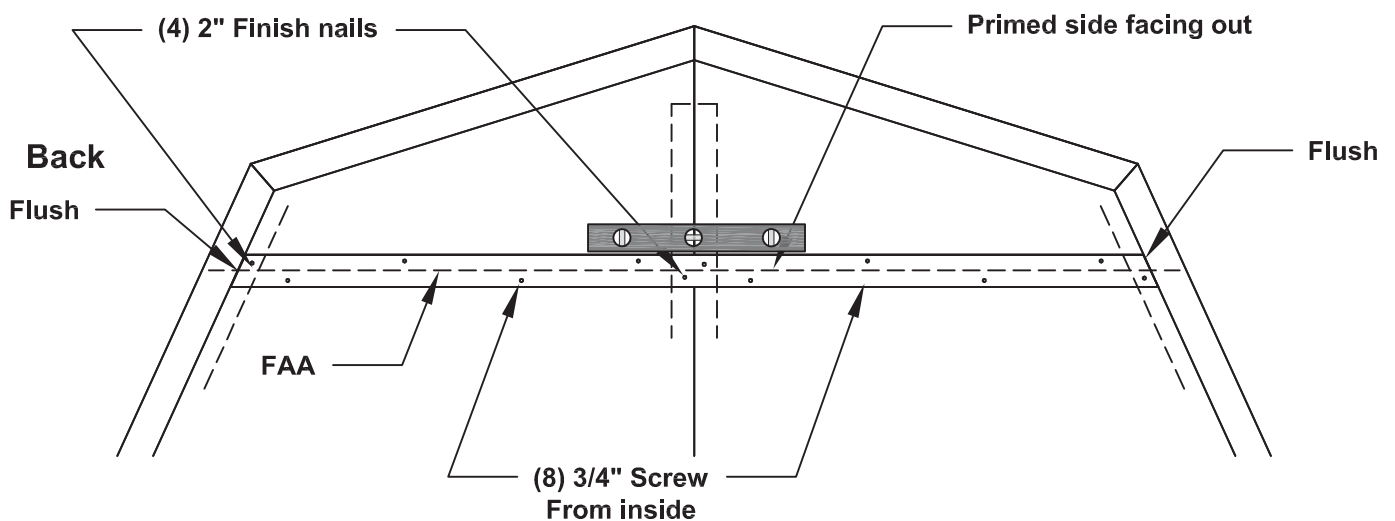
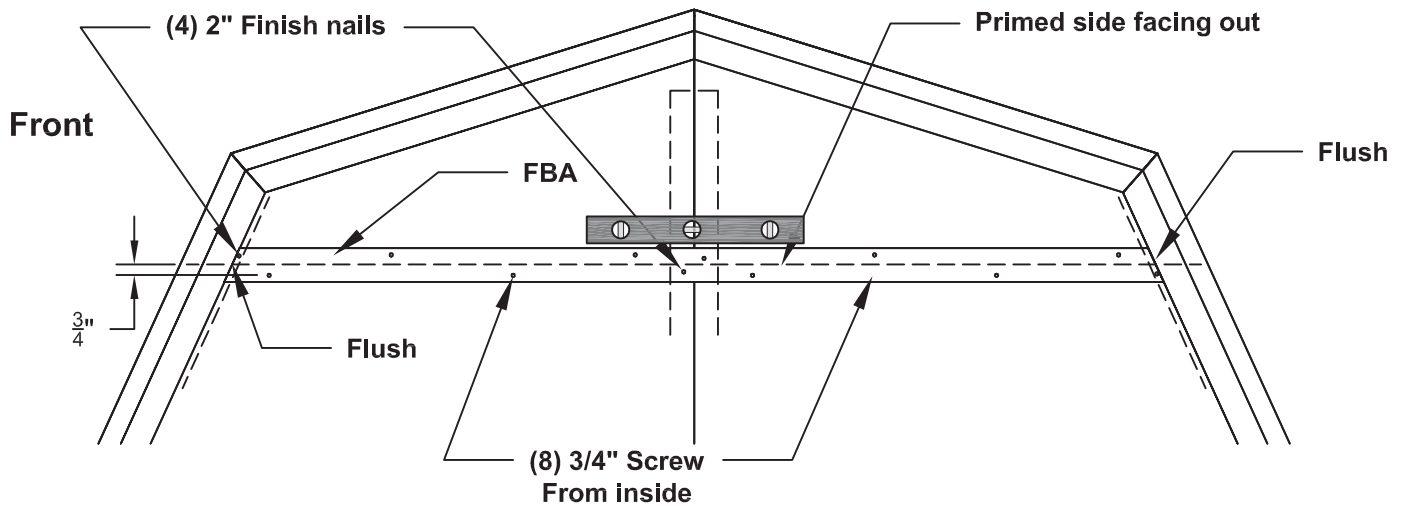
X2	$1\frac{9}{32} \times 2\text{-}1/2 \times 69\text{-}1/4$ "	<b>FBA</b>
X2	$1\frac{9}{32} \times 2\text{-}1/2 \times 71\text{-}7/16$ "	<b>FAA</b>

## Fasteners Required:

X8	2" Finish Nails
X16	3/4" Screws

## ASSEMBLY STEPS / NOTES:

1. Level the front horizontal gambrel trim (**FBA**) with the primed side facing out, flush against the gambrel trim.
2. Using 2" finish nails, nail the trim into place with one nail on each end and two in the middle. Be sure the nails go into the truss and center gambrel connector (**SL**).
3. From **INSIDE** use eight 3/4" screws through the panel into the trim. The screws should be staggered 3/4" above and below the panel seam.
4. Repeat these steps to install the back horizontal gambrel trim (**FAA**).





## 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

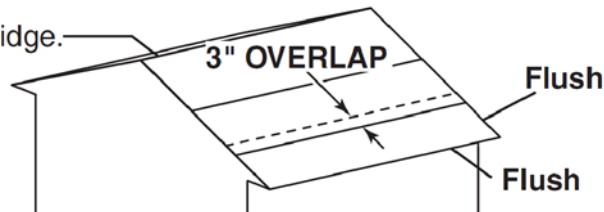
**Note:** Prime all in-primed exterior wood before painting. (Follow directions provided by manufacturer.)

## ROOF FELT

- NOT INCLUDED -

- Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.

OK to overlap at ridge.

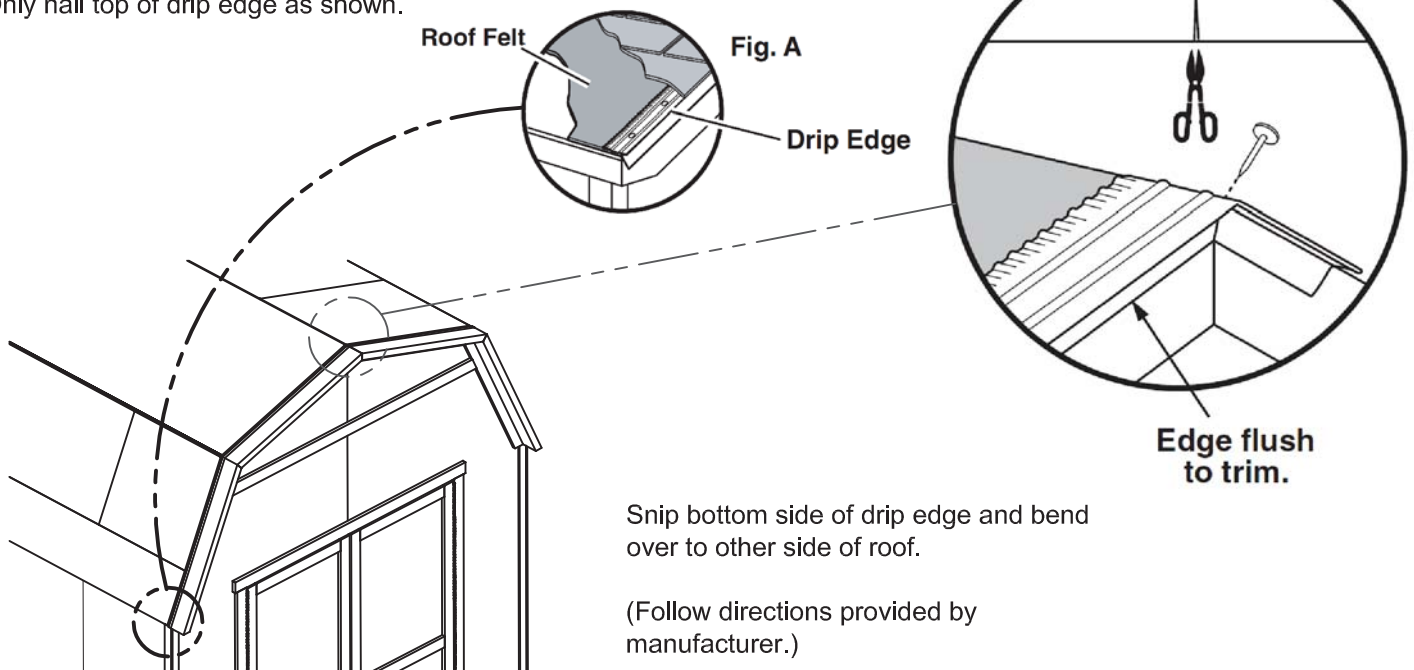


## DRIP EDGE

- NOT INCLUDED -



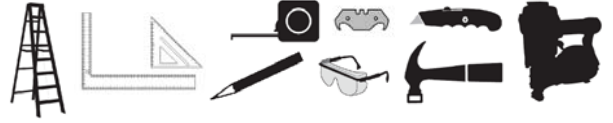
- Install over roof on gable side (**Fig. A**).
- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.



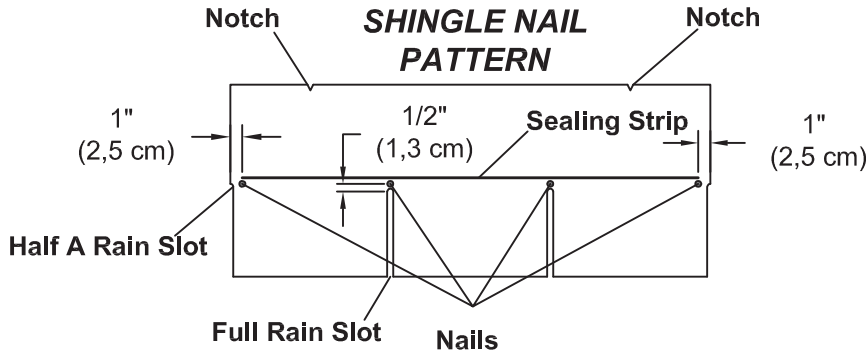
# SHINGLES

- NOT INCLUDED -

- Follow directions provided by manufacturer and these instructions.



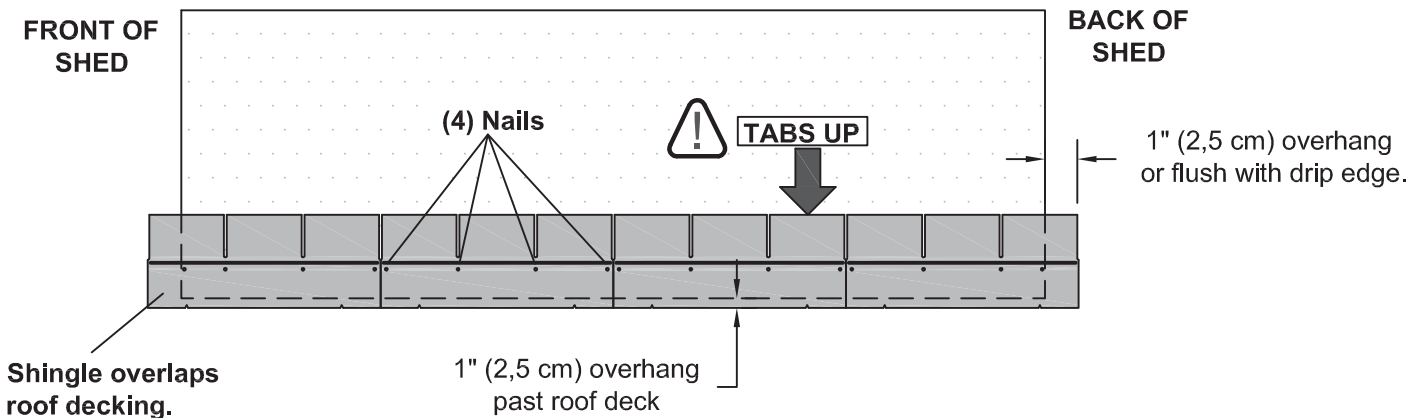
Familiarize yourself with a 3-Tab Shingle.



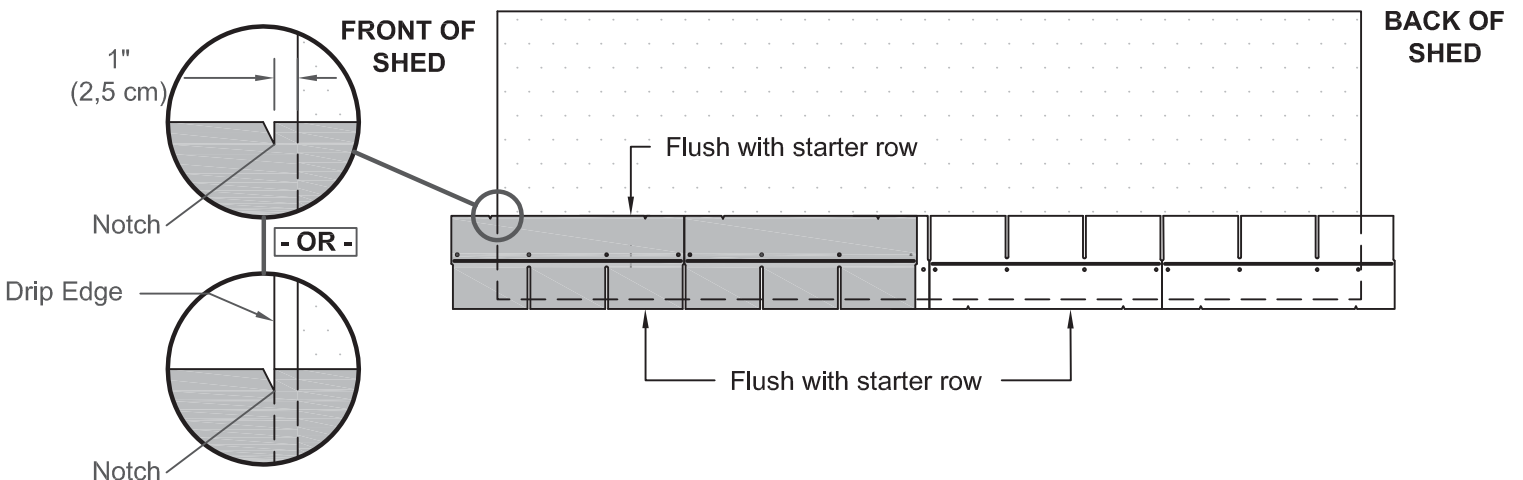
NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

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.



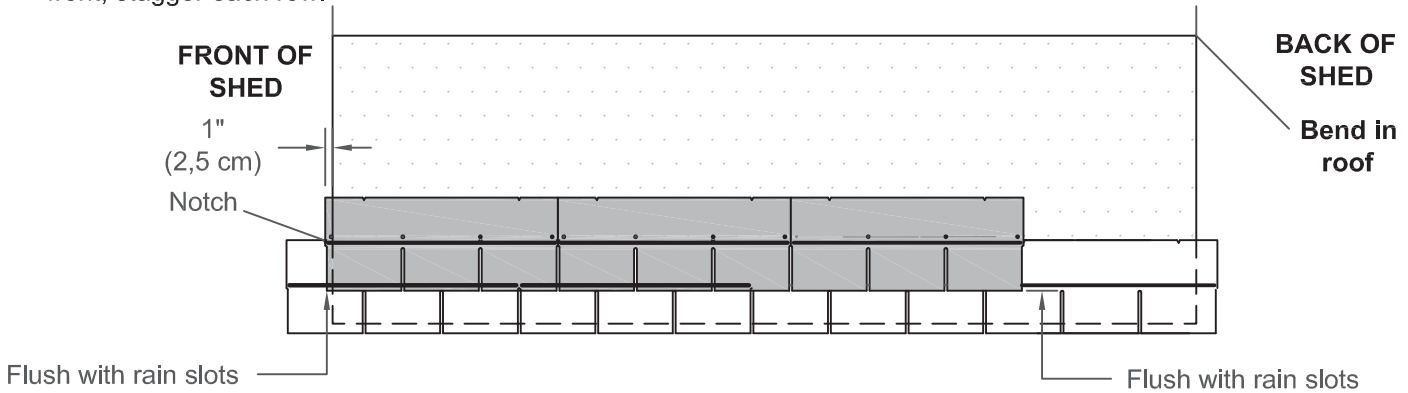
- Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



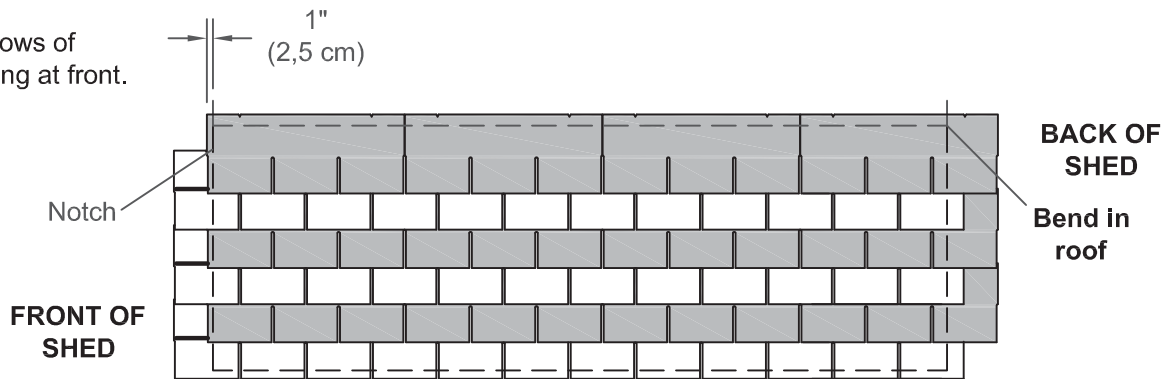
# SHINGLES

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.



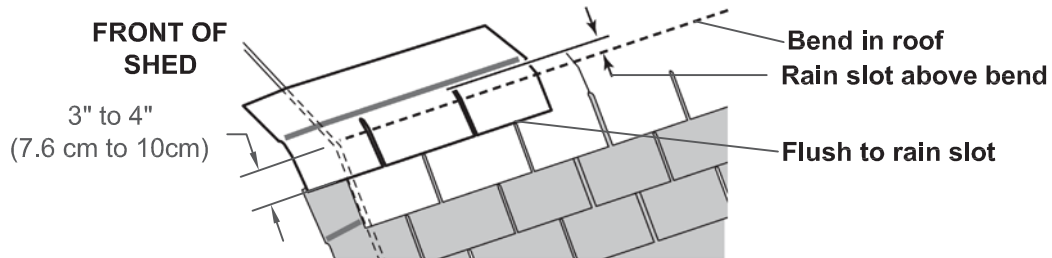
4. Continue installing rows of shingles by staggering at front.



5. The shingle over the bend in the roof will be nailed down. You will need 3" to 4" of this shingle to extend downward over the bend for nailing.

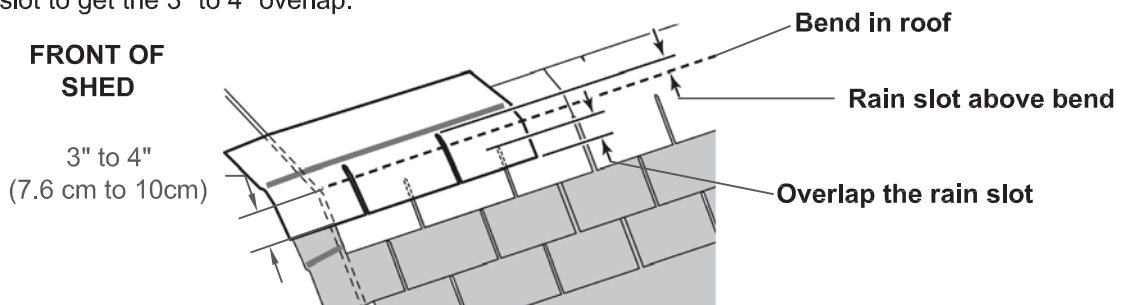
Look for either if the following:

- If the rain slot of the shingle installed over the bend is ABOVE the bend and 3" to 4" of it overhangs down over the bend, continue shingling up to the peak. You have enough to nail the shingle down over the bend.



- OR -

- If the rain slot of the shingle installed over the bend is BELOW the bend, install the shingle over the bend and overlap the rain slot to get the 3" to 4" overlap.

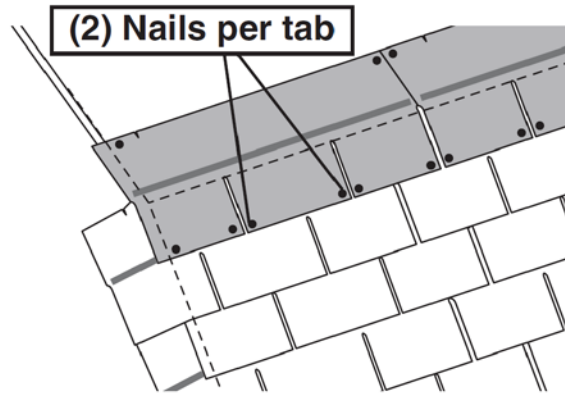


The shingle OVER the bend must be installed with 3" to 4" overlap **AND** the rain slot above the bend.

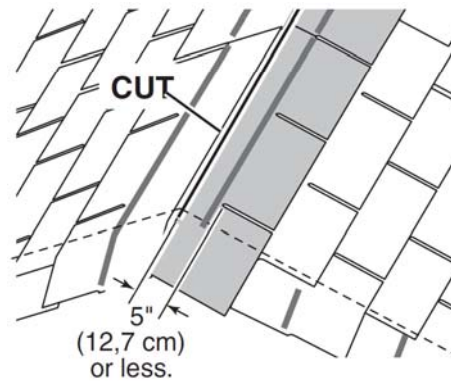
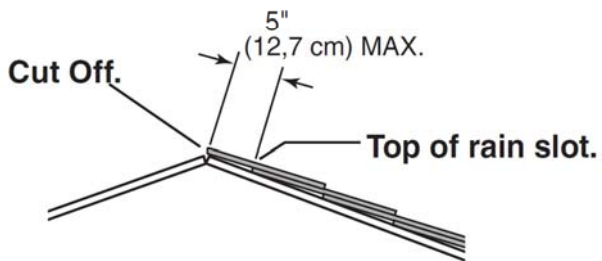
# SHINGLES

continued...

6. After shingles are installed over bend, nail down overlap using two roofing nails per tab.

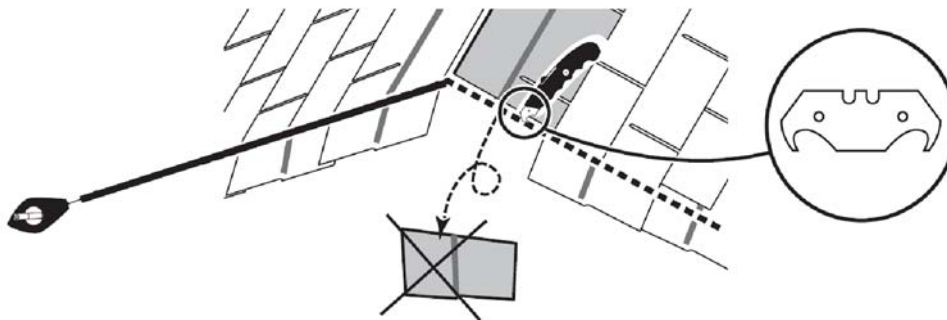


7. Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.



- If more than 5" to rain slot you must install another row of shingles.

8. Repeat steps 1 - 7 to shingle the opposite side of your roof. Trim shingles at ridge.
9. Once both sides are shingled you need to trim ends. Strike a chalk line 1" from the edge.
10. Using your shingle hooked blade carefully cut along the chalk line.



11. You have finished shingling your roof. Proceed to capping the ridge.

# SHINGLES - RIDGE CAP

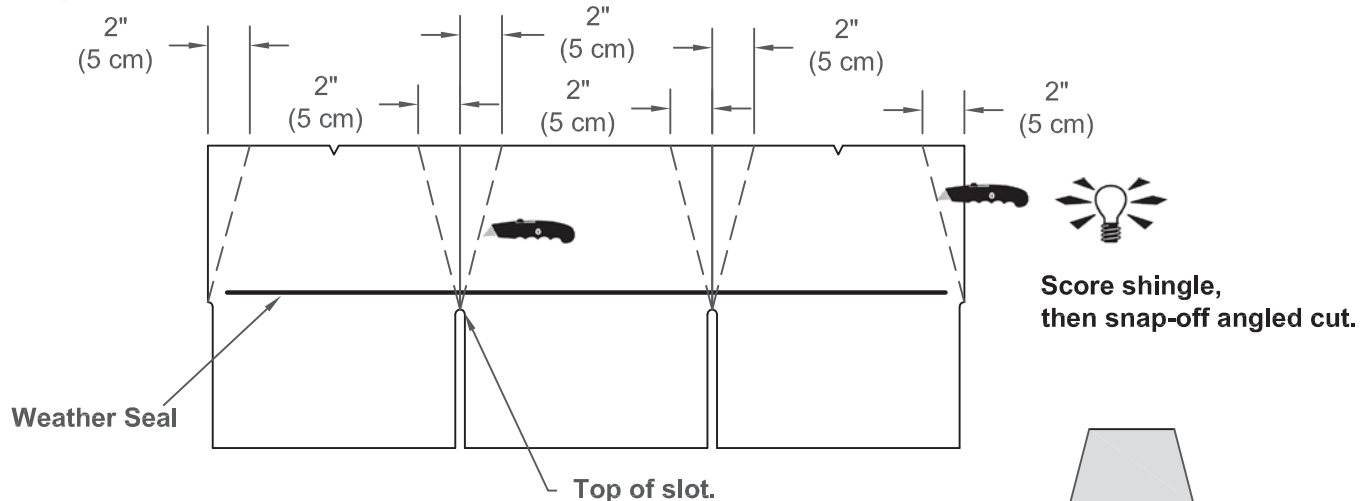
- You will finish off the top of the roof with a ridge cap made from shingles.



## ✓ BEGIN

- Cut shingles into THREE pieces.

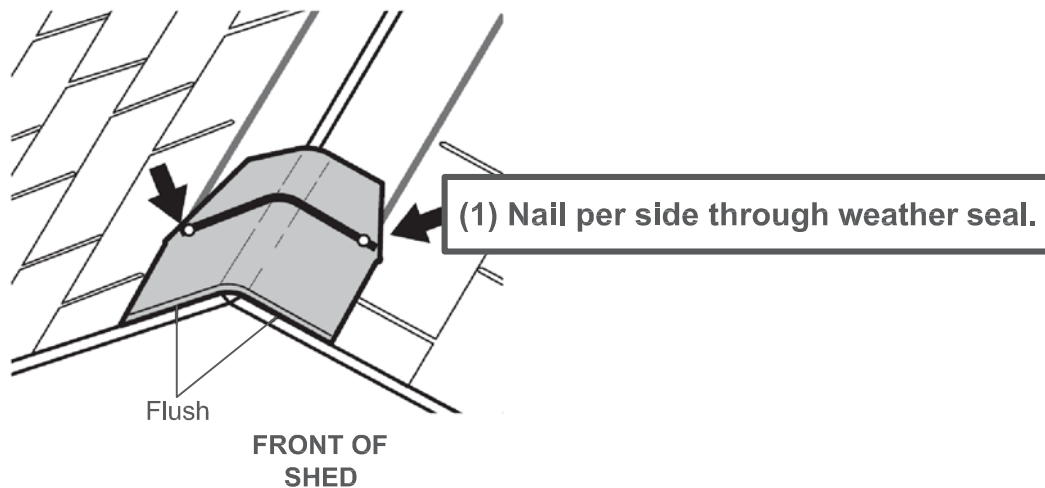
**Hint:** Use cut-off pieces first.



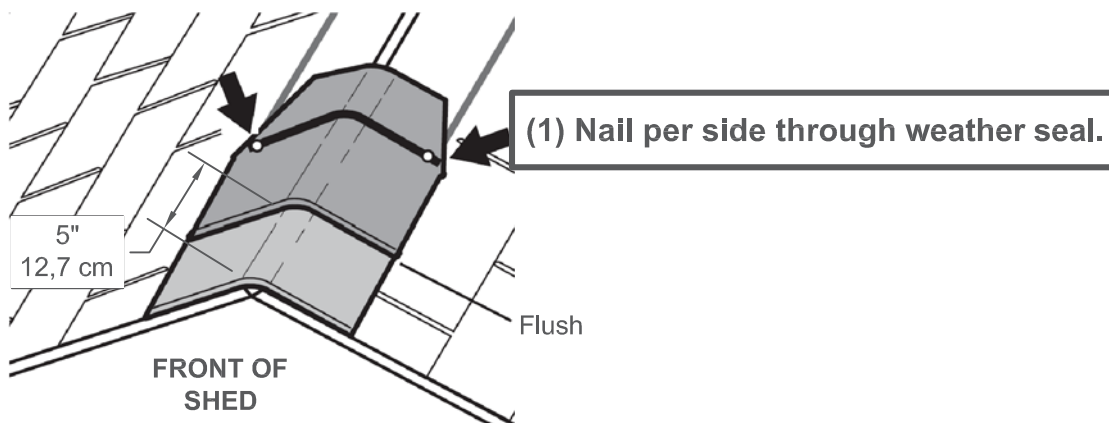
**Note:** You will need about 20 - 22 cut pieces.



- Install first ridge cap flush to shingles at front, as shown.



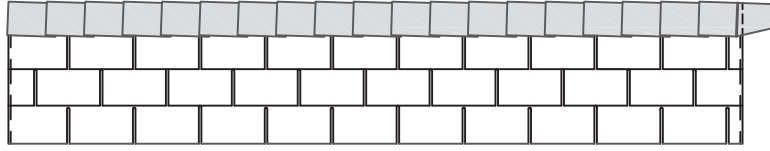
- Install second ridge cap 5" back as shown.



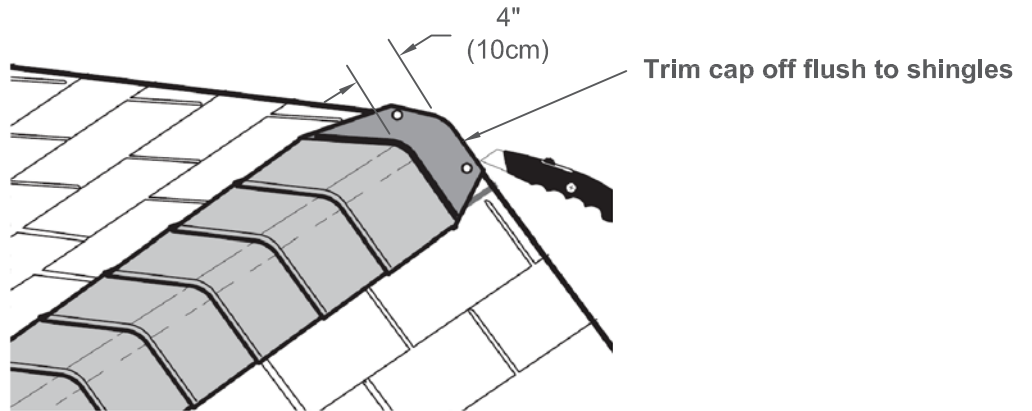
# SHINGLES - Ridge Cap

continued...

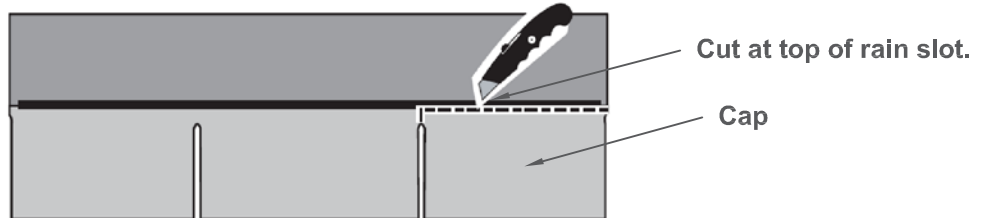
4. Continue installing ridge cap to back of roof.



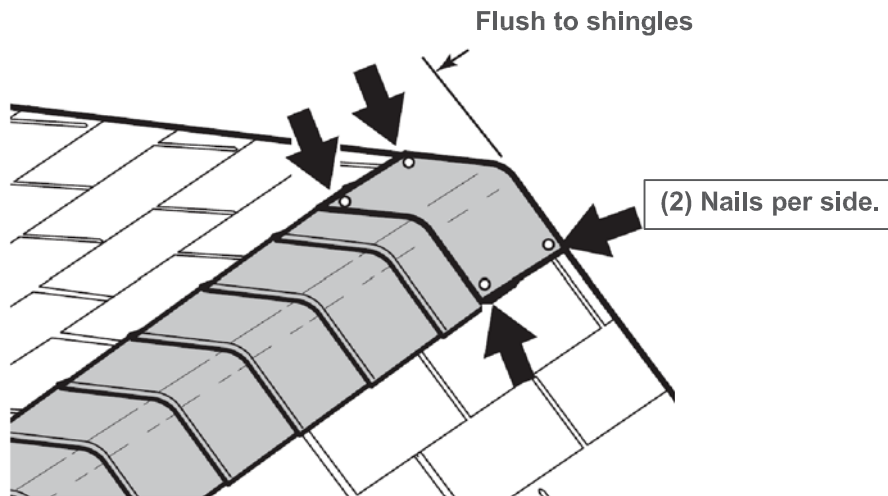
5. Make sure there is 4" between the shingle color and edge of shingles.



6. When you have 4" minimum of shingle color cut one piece to cap your roof.



7. Install flush to shingles.



8. You have finished your ridge cap.



## WARRANTY

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for one year.
2. All hardware and metal components are warranted for two years.
3. Trim is warranted for 10 years.
4. Waferboard siding and sheathing is warranted for two years.
5. SmartSide™ siding is warranted for 10 years on all Marco series buildings and 15 years on all Premier Series buildings.
6. Timber series buildings' siding and trim are warranted for 10 years.
7. Solar Shed windows are warranted for 1 year.
8. Cedar lumber is warranted for 15 years.
9. Cedar doors and Cedar Garden Center are warranted for 10 years.
10. Metal roof is warranted for 25 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 card 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 & Playhouses

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit; shingle the roof and paint or solid-colored stain the siding using 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 SmartSide™ and waferboard siding to include all exterior walls and all sides and all edges of doors.

### Gazebos, Pergolas & Timber Buildings

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 timber building 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 prepare a letter. Please have ready the information below when you call or include the information when writing:

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, as listed on the yellow warranty card enclosed in the product package.

Mail the above information to:

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

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

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

**Please complete and mail your warranty card to properly validate your warranty.**