**16753**




***Call Us First!***
***DO NOT RETURN TO STORE.***

**For immediate help with assembly or product information**
**call our toll-free number:**
**1--800-844-9273**
**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**

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| 16753 | 11/5/2013 |
|---|---|

# ASSEMBLY MANUAL

YardLine
GREAT IDEAS MADE SIMPLE™

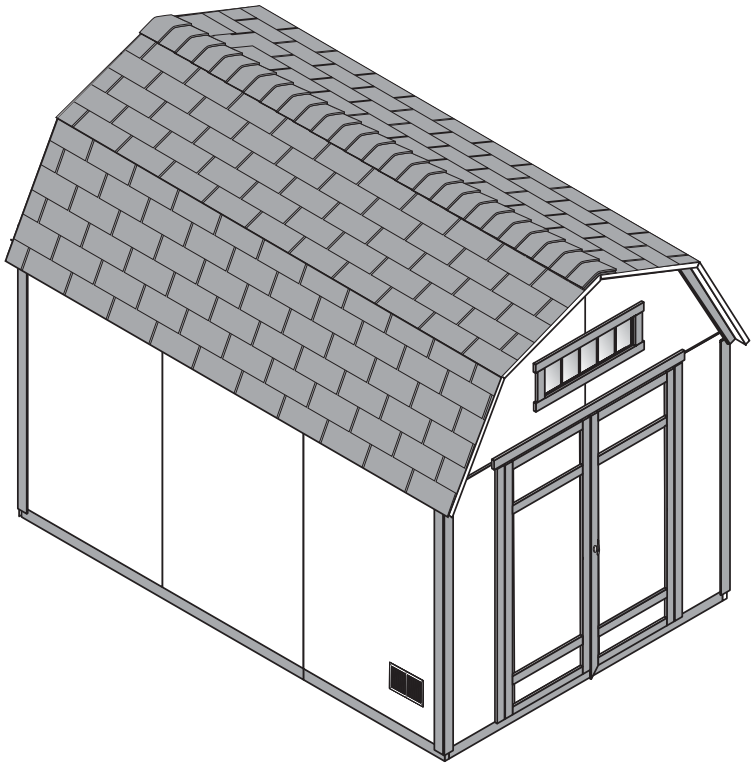
A Backyard Products Company

Customer Service
1-800-844-9273
1000 Ternes Drive
Monroe, MI 48162

## STOCKTON 8' x 12' (243,8 x 365,8 cm)

**Includes 8' x 12' Building and Floor Instructions**

**KEEP THIS MANUAL FOR FUTURE REFERENCE**



**Building 8' x 12'**
**(243,8 x 365,8 cm)**

**⚠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 8
- **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: 1-800-844-9273 email: customerservice@backyardproductsllc.com**

## *TOOLS*

### Required

- ❑ Phillips Screwdriver
- ❑ Drill / Driver
  - ❑ 3/8" 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.

= Ensure squareness.

= Important required step or operation.

= Helpful assembly hint.

= Mark part with pencil.

BEGIN = Beginning of steps for assembly or installation.

FINISH = You have finished the assembly or installation.

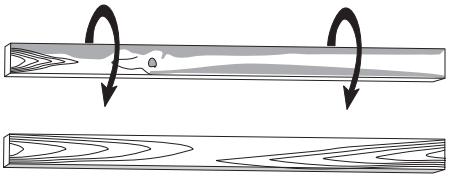
= Level

## *ORIENT LUMBER AND TRIM FOR BEST APPEARANCE*

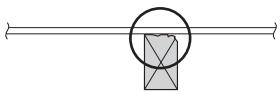
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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**.)

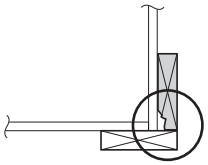
**A**



**B**



**C**



# ADDITIONAL MATERIALS

## FOUNDATION OR FLOOR MATERIALS

- This shed kit includes a complete wood floor system.
- 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.**

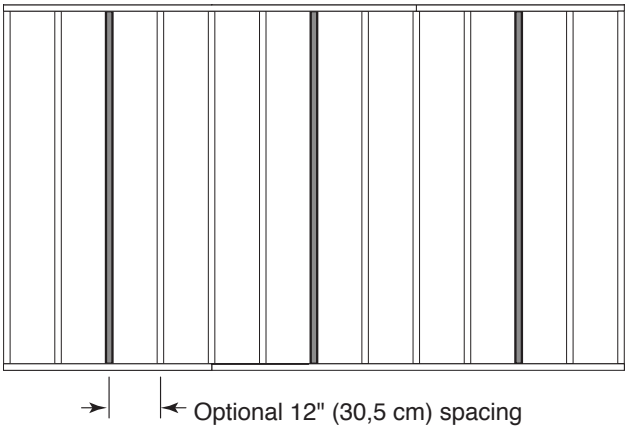
## *REINFORCED WOOD FLOOR FRAME (OPTIONAL)*

**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).

☐ **x3** 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

☐ **x12** ea. 3" (7,6 cm) hot-dipped galvanized nails




## COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES.....7 Bundles**

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

☐ **CAULK.....3 Tubes**
Use acrylic latex exterior caulk that is paintable.

☐ **1" GALVANIZED ROOFING NAILS.... 3 Lbs**
For shingles.

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

☐ **WOOD GLUE ..... Exterior Rated**

## OPTIONAL MATERIALS

☐ **DRIP EDGE ..... 50 Feet**

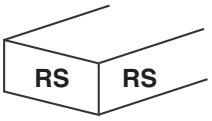
☐ **#15 ROOFING FELT**
To cover 155 Sq. Ft. of roof area.

☐ **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.




• Check these locations for Part stamps

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) |

## PARTS LIST

☑ INVENTORY YOUR PARTS before you begin.
We suggest sorting parts by the categ ory they are listed in.

### FLOOR

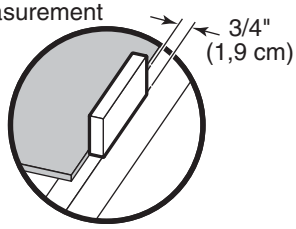
- ☐ x2 TREATED — 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ x10 TREATED — 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)
- ☐ x2 TREATED — 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

Treated lumber is stamped: TREATED

### WALLS

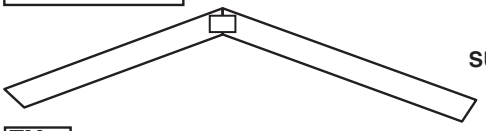
- ☐ x1 QUA — 2 x 4 x 10-7/8" (5,1 x 10,2x 27,6 cm)
- ☐ x1 CB — 2 x 4 x 15-7/8" (5,1 x 10,2 x 40,3 cm)
- ☐ x2 RRA — 2 x 4 x 32" (5,1 x 10,2x 81,3 cm)
- ☐ x3 SL — 2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
- ☐ x1 QU — 2 x 4 x 56" (5,1 x 10,2 x 142,2 cm)
- ☐ x23 TM — 2 x 4 x 72" (5,1 x 10,2 x 1 82,9 cm)
- ☐ x2 THA — 2 x 4 x 73-1/2" (5,1 x 10,2 x 236,2 cm)
- ☐ x2 SZ — 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)
- ☐ x1 AQA — 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)
- ☐ x3 TOA — 2 x 4 x 95" (5,1 x 10,2 x 241,3 cm)

☐ 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




### ROOF

- ☐ x12 — 6 x 24" (15,2 x 61 cm) **GUSSET**
- ☐ x14 — **SUB-ASSEMBLED TRUSS**



### TRIM

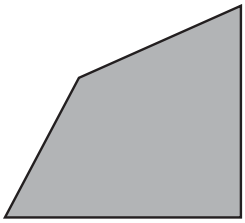
- ☐ x2 EY — 19/32 x 2-1/2 x 9" (1,5 x 6,4 x 22,9 cm)
- ☐ x2 WA — 19/32 x 2-1/2 x 36-3/4" (1,5 x 6,4 x 93,3 cm)
- ☐ x2 ZIR — 19/32 x 3-1/2 x 36-1/8" (1,5 x 6,4 x 93,3 cm)
- ☐ x2 ZIL — 19/32 x 3-1/2 x 36-1/8" (1,5 x 6,4 x 93,3 cm)
- ☐ x2 ZLR — 19/32 x 3-1/2 x 36-15/16" (1,5 x 6,4 x 93,8 cm)
- ☐ x2 ZLL — 19/32 x 3-1/2 x 36-15.16" (1,5 x 6,4 x 93,8 cm)
- ☐ x2 SDA — 2 x 4 x 36-1/8" (5,1 x 10,2x 93,3 cm)
- ☐ x2 SCA — 2 x 4 x 36-15/16 (5,1 x 10,2x 93,8 cm)
- ☐ x4 — 3/8 x 1-3/4 x75" (1 x 4,4 x 190,5 cm) FRONT **CORNER TRIM**
- ☐ x4 — 3/8 x 1-3/4 x 76-1/2" (1 x 4,4 x 194,3 cm) **SIDE CORNER TRIM**
- ☐ x2 — 3/8 x 4-1/2 x 46" (1 x 11,4 x 116,8 cm)
- ☐ x2 — 3/8 x 4-1/2 x 966" (1 x 11,4 x 243,8 cm)

### DOOR

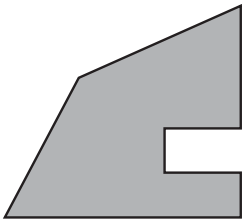
- ☐ x4 GI — 19/32 x 2-1/2 x 23" (1,5 x 6,4 x 58,4 cm) **DOOR RAILS**
- ☐ x1 WR — 19/32 x 2-1/2 x 63" (1,5 x 6,4 x 160 cm)
- ☐ x2 OO — 2 x 3 x 69" (5,1 x 7,6 x 175,3 cm)

## WALL PANEL & DOOR PARTS LIST

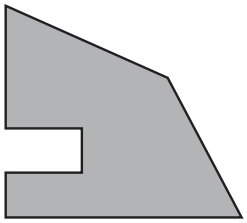
**NOTE: Panel parts are not stamped with part identification.**



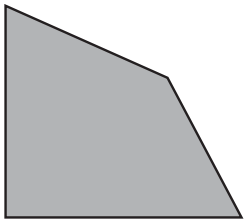
☐ **x1**
3/8 x 43-1/16 x 48"
(1 x 109,4 x 121,9 cm)



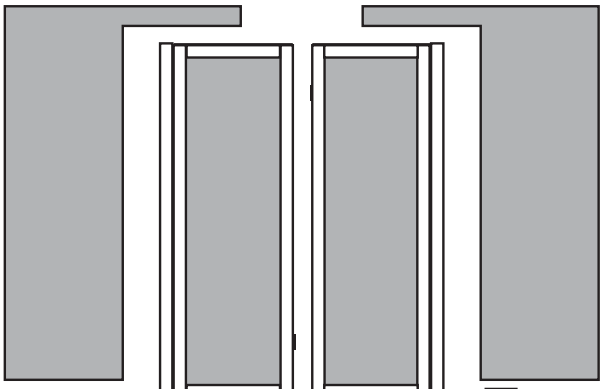
☐ **x1**
3/8 x 43-1/16 x 48"
(1 x 109,4 x 121,9 cm)



☐ **x1**
3/8 x 43-1/16 x 48"
(1 x 109,4 x 121,9 cm)



☐ **x1**
3/8 x 43-1/16 x 48"
(1 x 109,4 x 121,9 cm)

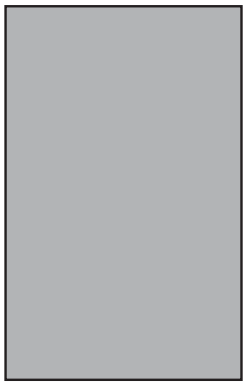


☐ **x1**
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)

☐ **x1**
**LEFT DOOR**

☐ **x1**
**RIGHT DOOR**

☐ **x1**
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)



☐ **x8**
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)

## ROOF PANELS



☐ **x2**
7/16 x 35-7/8 x 96”
(1,1 x 81,1 x 243,8 cm)



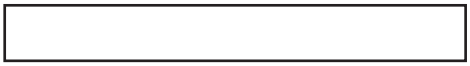
☐ **x2**
7/16 x 35-7/8 x 48”
(1,1 x 81,1 x 121,9 cm)



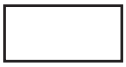
☐ **x2**
7/16 x 23-7/8 x 96”
(1,1 x 60,6 x 243,8 cm)



☐ **x2**
7/16 x 23-7/8 x 48"
(1,1 x 60,6 x 121,9 cm)



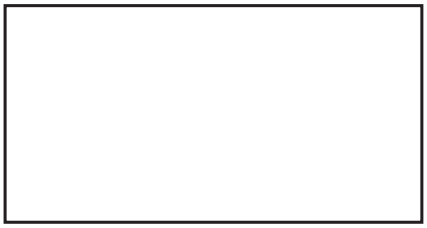
☐ **x2**
7/16 x 11-7/8 x 96”
(1,1 x 30,2 x 243,8 cm)



☐ **x4**
7/16 x 11-7/8 x 24-11/16"
(1,1 x 30,2 x 75,2 cm)

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

## FLOOR PANELS



☐ **x3**
5/8 x 48 x 84"
(1,6 x 121,9 x 213,4 cm)

**Floor panels are 5/8" (1,6 cm) thick.**

## LOFT DECK



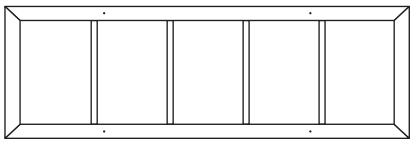
☐ **x1**
7/16 x 48 x 84"
(1,1 x 121,9 x 213,4 cm)

**Loft deck is 7/16" (1,1 cm) thick.**

## DOOR HARDWARE (Not actual size)

**WINDOW**

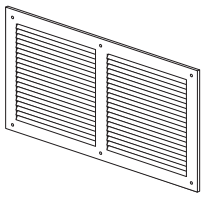
☐ **x1**



9 x 31" (22,9 x 78,7 cm)

**VENT**

☐ **x2**



☐ **x8**



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

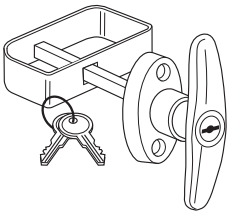
☐ **x12**



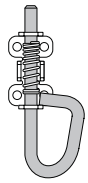
1/2" (1,3 cm)

**T-HANDLE**

☐ **x1**



☐ **x2**



☐ **x2**



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

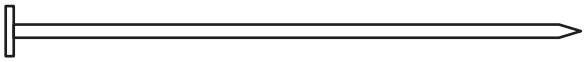
☐ **x8**



3/4" (1,9 cm)

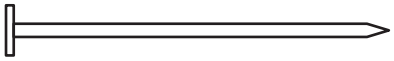
## NAIL BOXES

☐ **x2** **BOXES**



3" (7,6 cm)

☐ **x5** **BOXES**



2" (5,1 cm)

## FASTENER/HARDWARE BAG

☐ **x 125**



2" (5,1 cm)

☐ **x 90**



3" (7,6 cm)

☐ **x 34**



2" (5,1 cm)

☐ **x 10**



1-1/4" (3,2)

☐ **x 56**

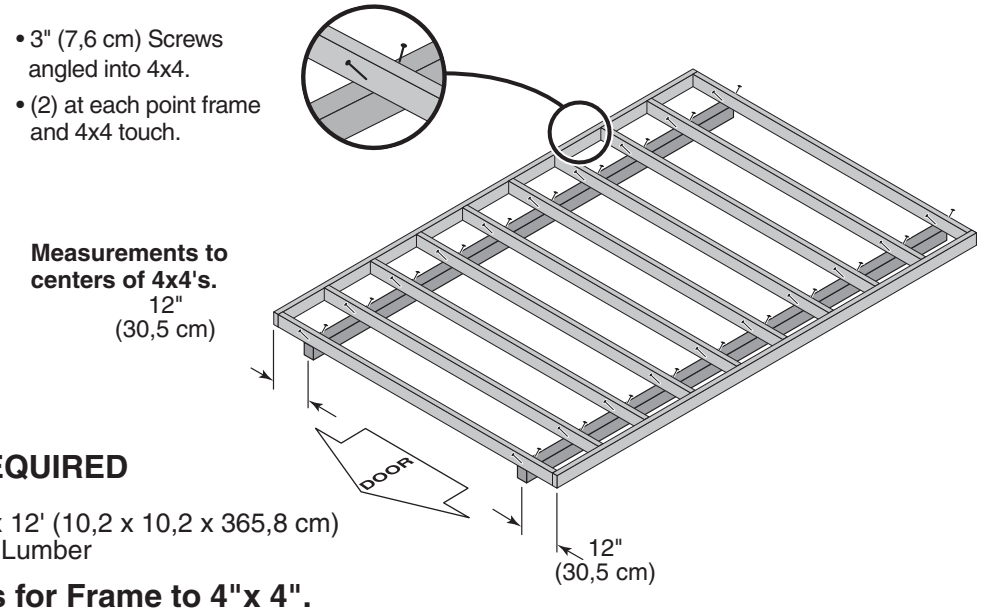


3/4" (1,9 cm)

## NOTES

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 - 4x4 TREATED RUNNERS



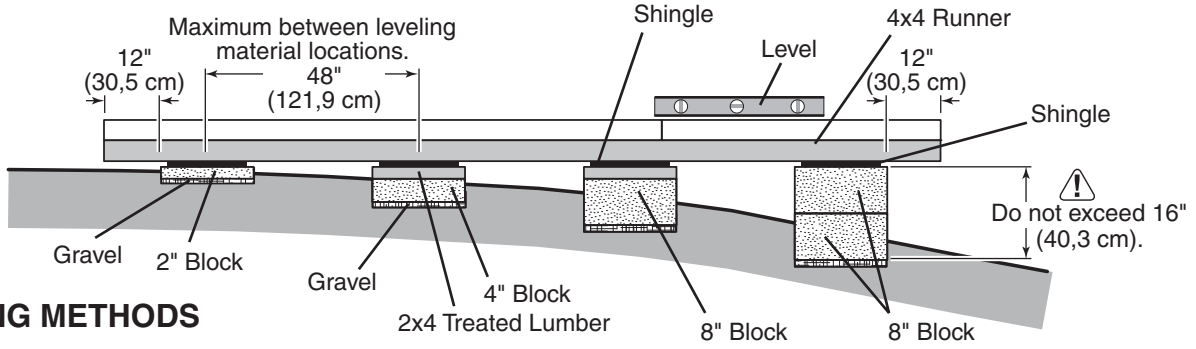

## MATERIAL REQUIRED

☐ **x2** 4" x 4" x 12' (10,2 x 10,2 x 365,8 cm) Treated Lumber

☐ **Fasteners for Frame to 4"x 4".**
(3" (7,6 cm) Screws shown as one option.) Minimum (40) 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.

## LEVELING MATERIALS

☐ Gravel

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

☐ 2x4 Treated Lumber

☐ Asphalt Shingles

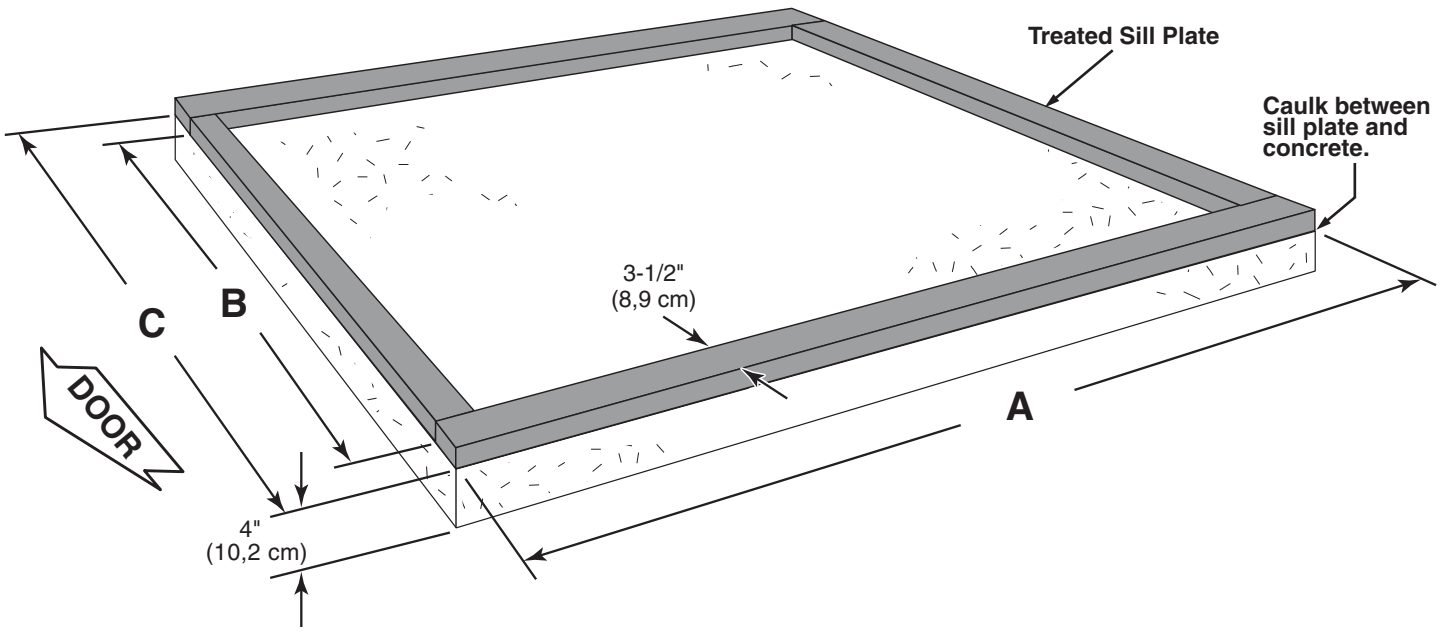
⚠ **Leveling higher than 16" (40,3 cm) not recommended.**

## CONCRETE

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

## CONCRETE FOUNDATION

Your kit contains all materials to construct a wooden floor. 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 12' (243,8 cm x 365,8 ) | 96" x 144 (243,8 cm 365,8) | 144 " (365,8 cm) | 89" (226,1 cm) | 96" (243,8 cm) |

**Requires:**

- ☐ **x2** 2" x 4" x 12' (5,1 x 10,2 x 365,8 cm) ⚠ **MUST be treated lumber.**
- ☐ **x2** 2" x 4" x 8' (5,1 x 10,2 x 243,8 cm) ⚠ **MUST be treated lumber.**
- ☐ **x1** Caulk

⚠ Allow new concrete slabs to cure for at least seven (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:**

| | | |
|---|---|---|
| X2 | 2 x 4 x 96" | |
| X10 | 2 x 4 x 93" | |
| X2 | 2 x 4 x 48" | |

Note: Look for the TREATED Stamp

TREATED

**Fasteners Required:**

X44 3" Nails

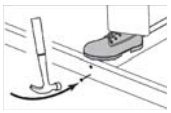
## ASSEMBLY STEPS / NOTES:

1. Mark center of joists 16" 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 ⚠

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.

STOP!



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 corners. If the measurements are the same, the frame is square. The diagonal measurement will be approximately 173-1/16" (439,6 cm).
4. When the frame is level and square secure one side of frame to the 4x4 runners using one fastener 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)**.

FINISH

5. Once the floor frame is level and square fasten the frame to at each point the frame contacts the 4x4 runners .

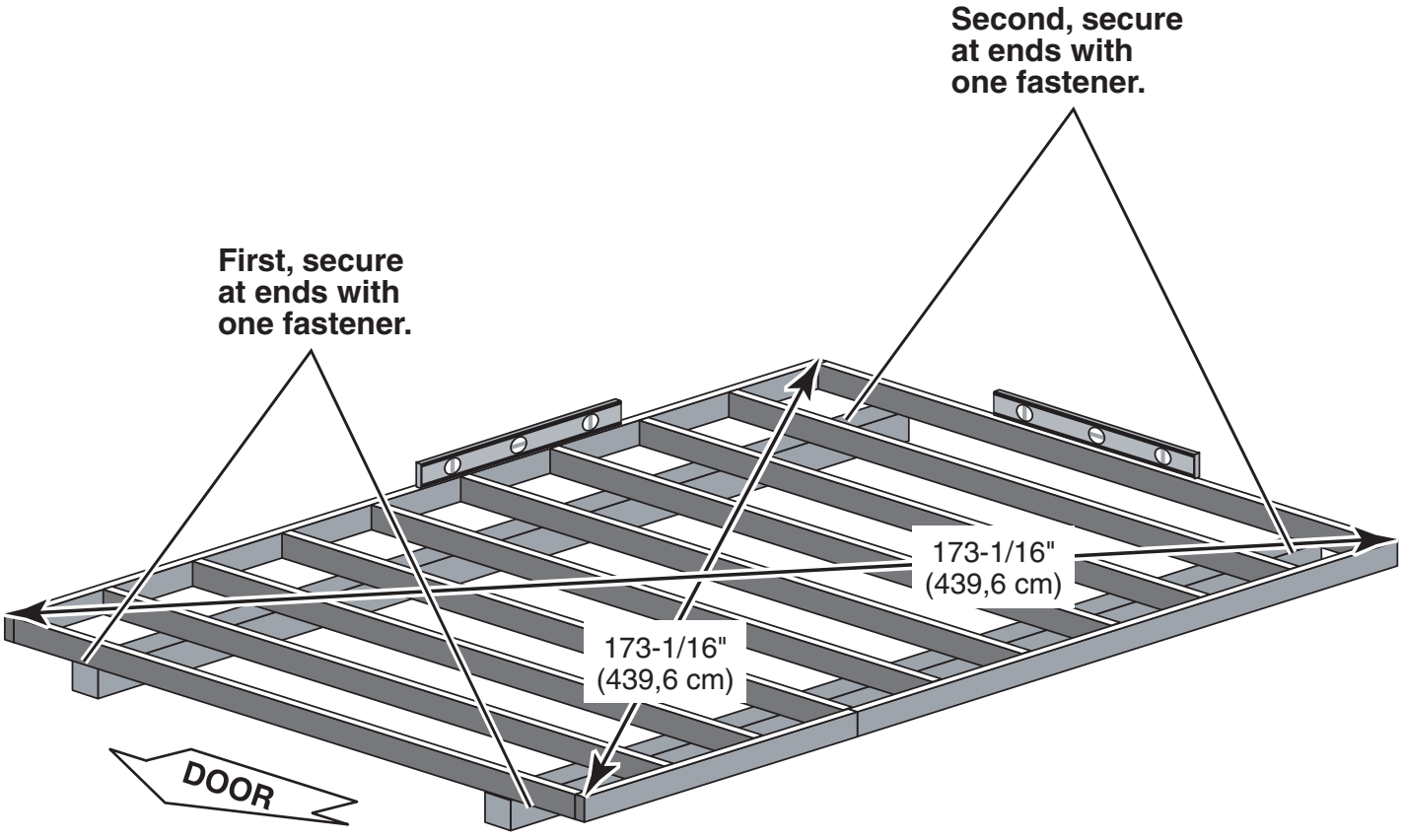



**Fig. A**

# FLOOR

**Parts Required:**

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

**Fasteners Required:**

X62 2" Nails

## ASSEMBLY STEPS / NOTES:

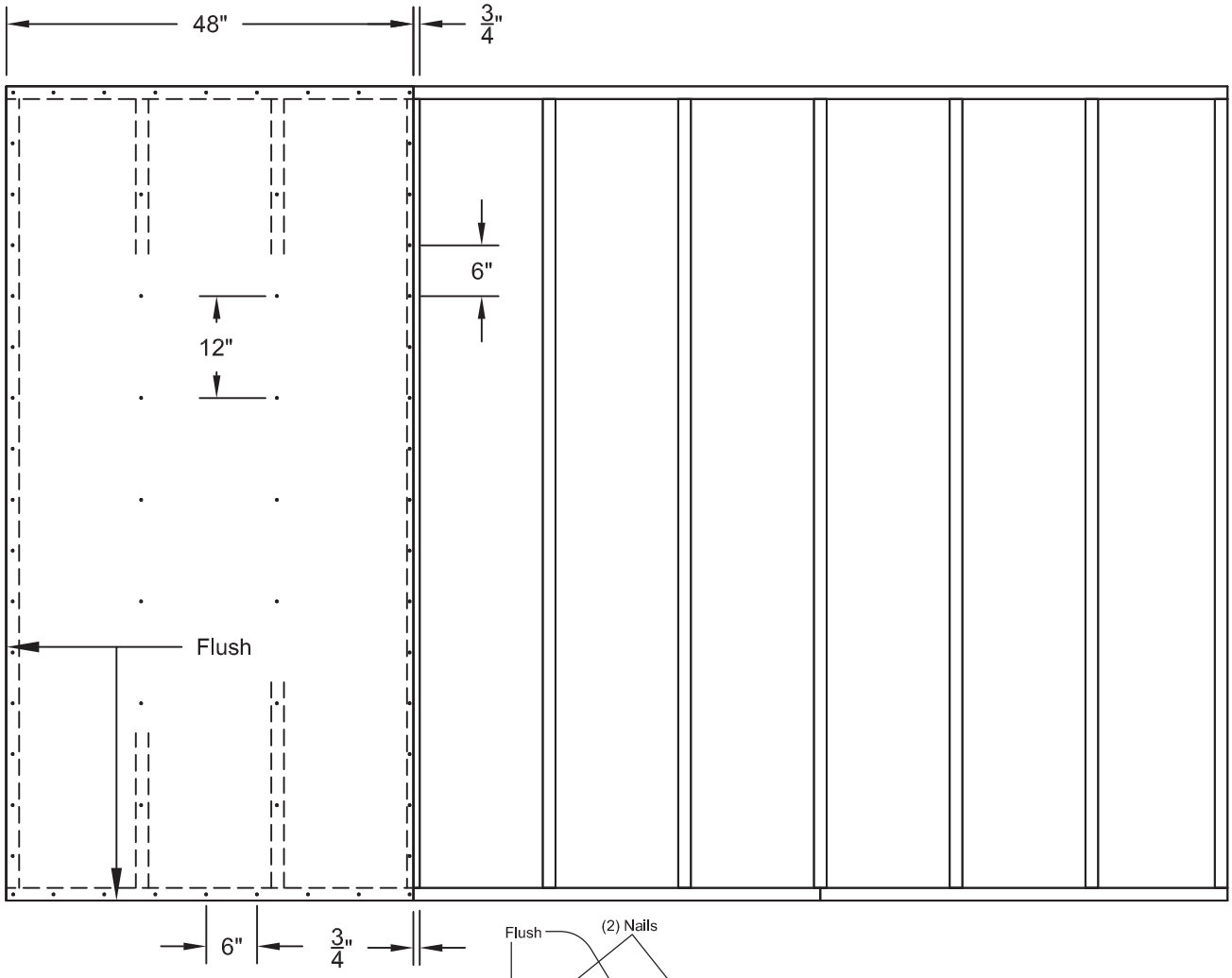
**Ensure your floor frame is square by installing one panel and squaring frame.**

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 173-1/16" (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.



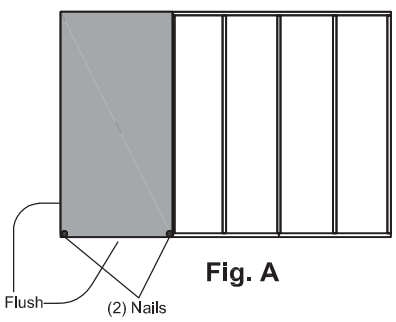




Fig. A

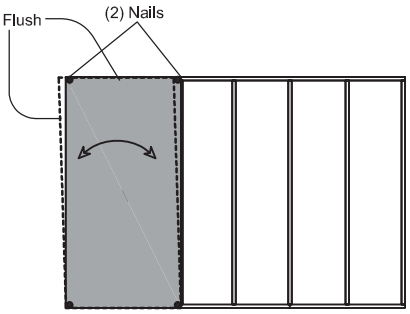



Fig. B

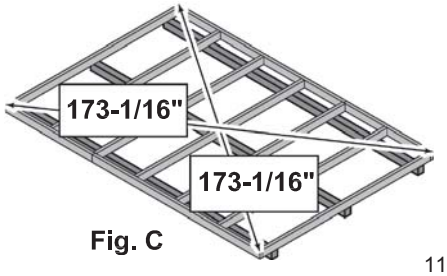



Fig. C

# FLOOR

**Parts Required:**

X2 5/8 x 48 x 96" OSB

**Fasteners Required:**

X124 2" Nails

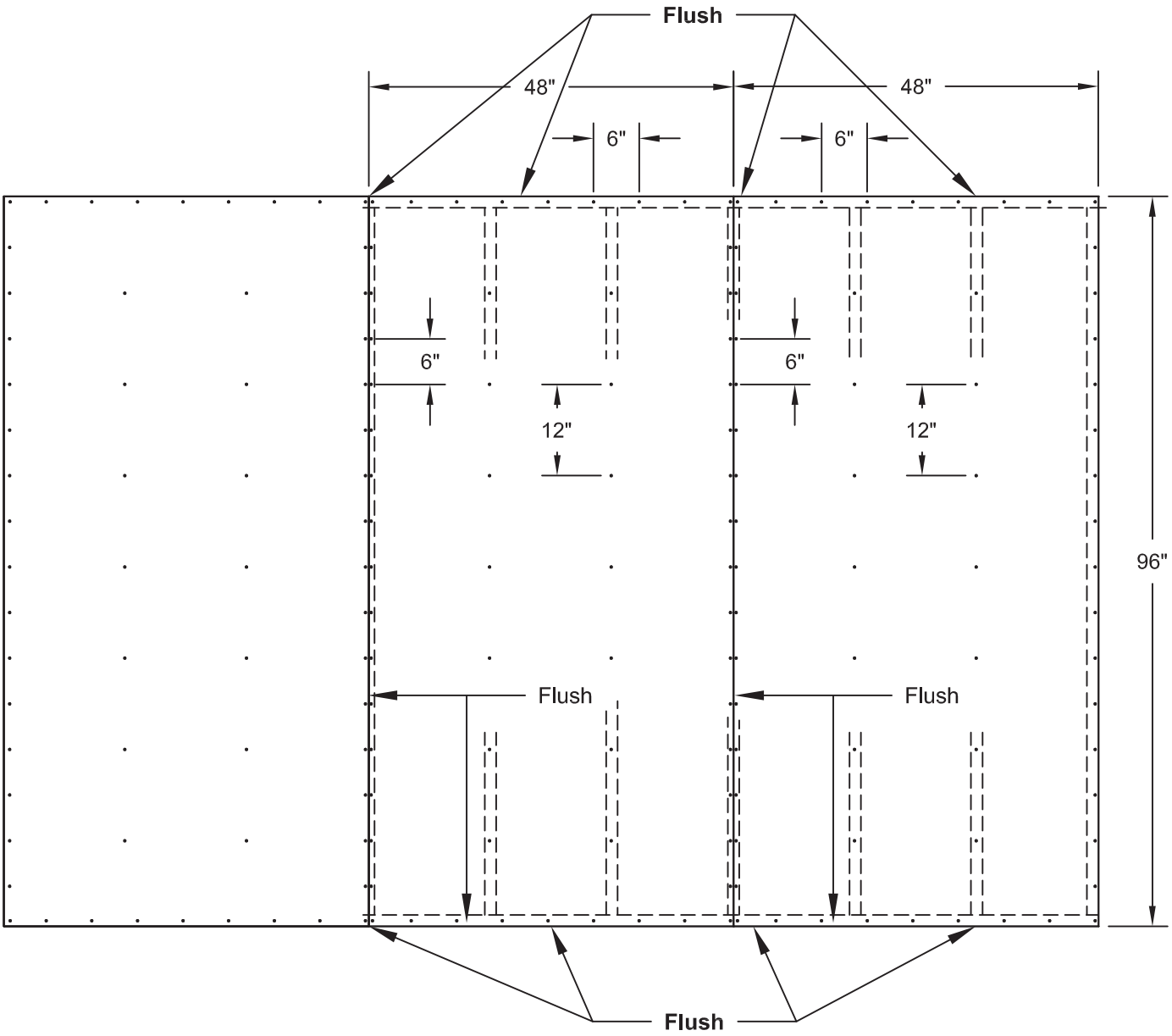
## ASSEMBLY STEPS / NOTES:

5. Continue installing panels with rough side up (painted grid lines).

6. Use grid lines on panel for 2" nails 6" apart on edges, and 12" apart inside panels.

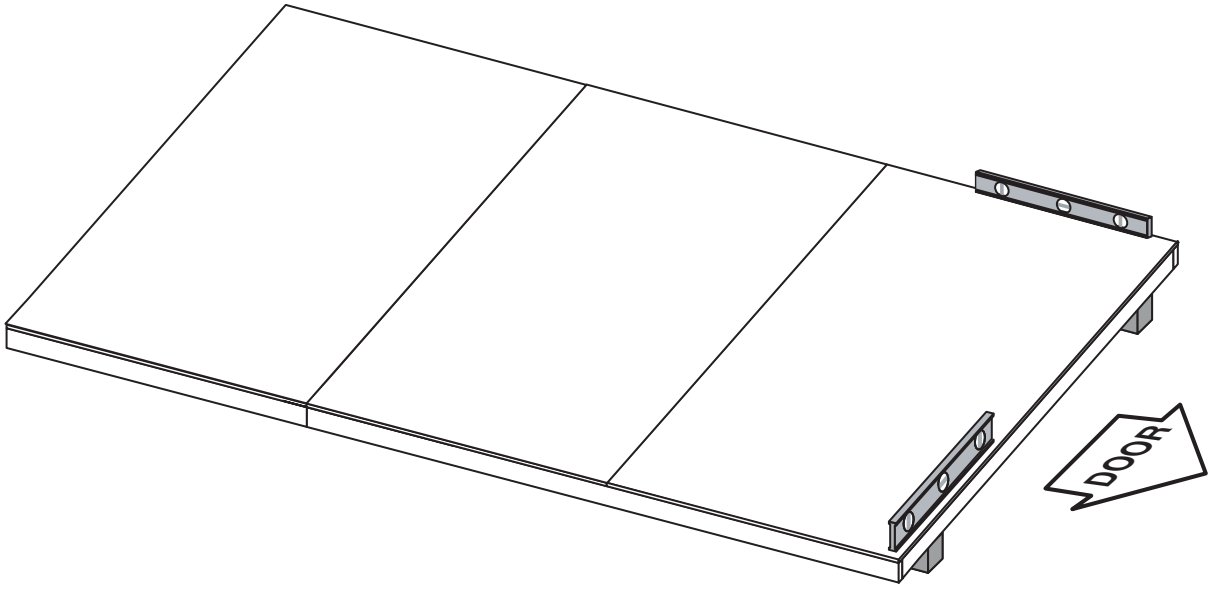
7. You have finished attaching your floor panels.

⚠ 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.**

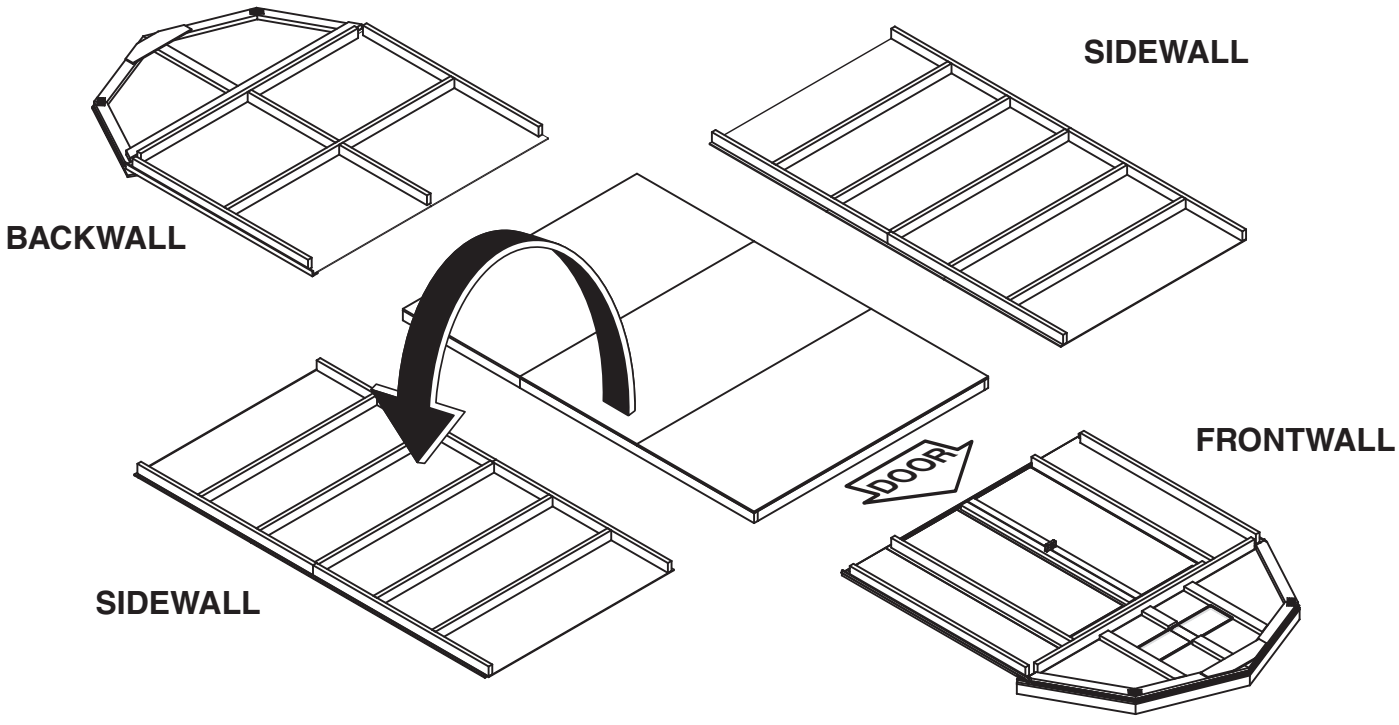



---

- **The floor should be used as a stable work surface for wall construction.**

**HINT:**

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



# BACK WALL

## Parts Required:

| | | |
|---|---|---|
| X1 | 2 x 4 x 93" | **AQA** |
| X1 | 2 x 4 x 89" | **SZ** |
| X2 | 2 x 4 x 72" | **TM** |
| X2 | 2 x 4 x 36" | **SL** |

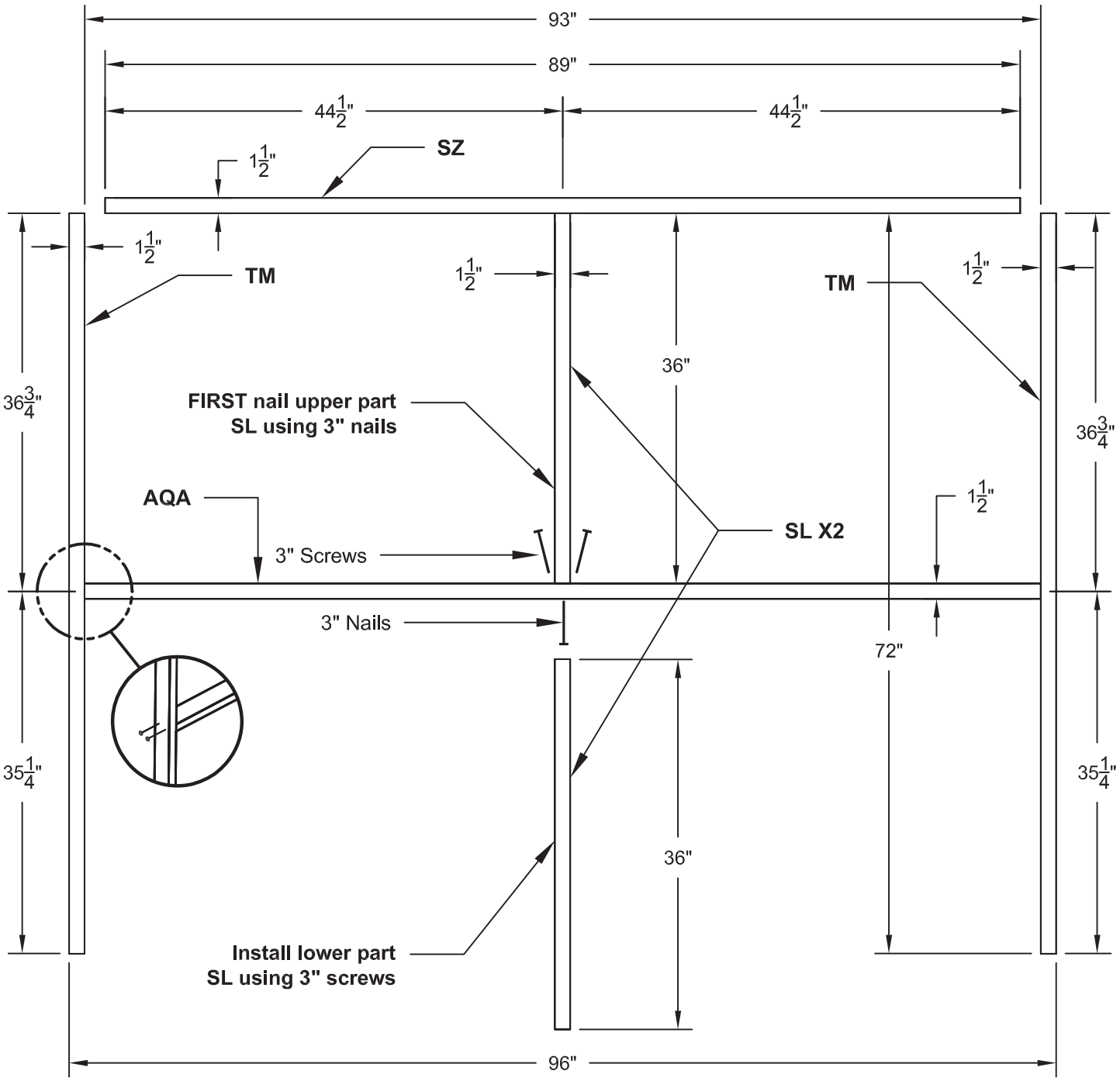
## Fasteners Required:

| | |
|---|---|
| X8 | 3" Nails |
| X2 | 3" Screws |

## ASSEMBLY STEPS / NOTES:

1. Orient parts on edge on floor as shown. Measure and mark. Attach upper part **SL** to **SZ** first.

2. Nail using two 3" nails at each connection. Except at center connection of lower **SL** - use 3" screws.



# BACK WALL

**Parts Required:**

X1 $\frac{3}{8}$ x 48 x 76" Wall Panel




**Fasteners Required:**

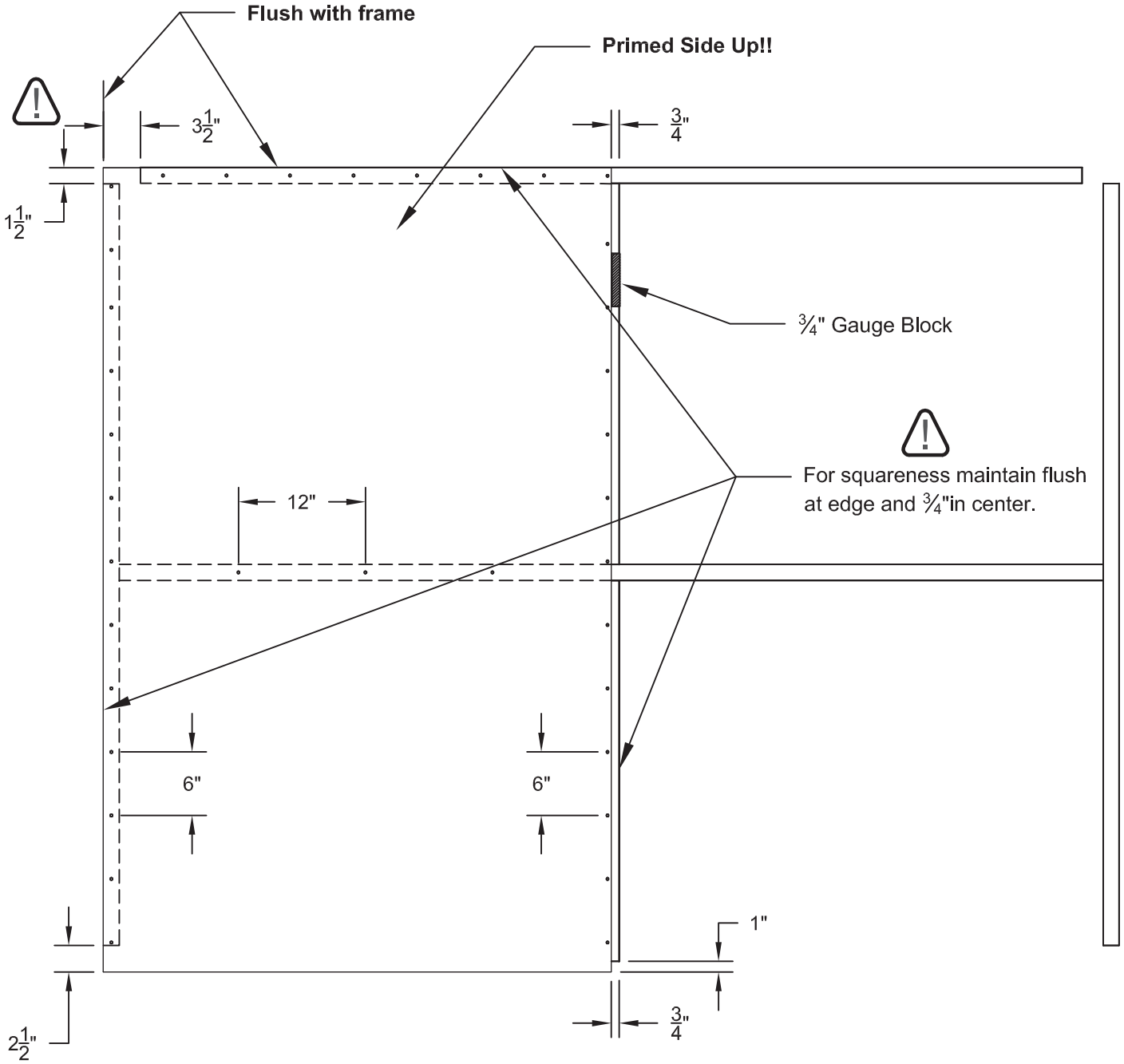
X36 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Place panel on frame as shown with primed side facing up.

2. Use a 3/4" gauge block at edge of panel. Panel is 1" down from center board and 2-1/2" down from side board.

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



# BACK WALL

**Parts Required:**

X1 $\frac{3}{8}$ x 48 x 76" Wall Panel

**Fasteners Required:**

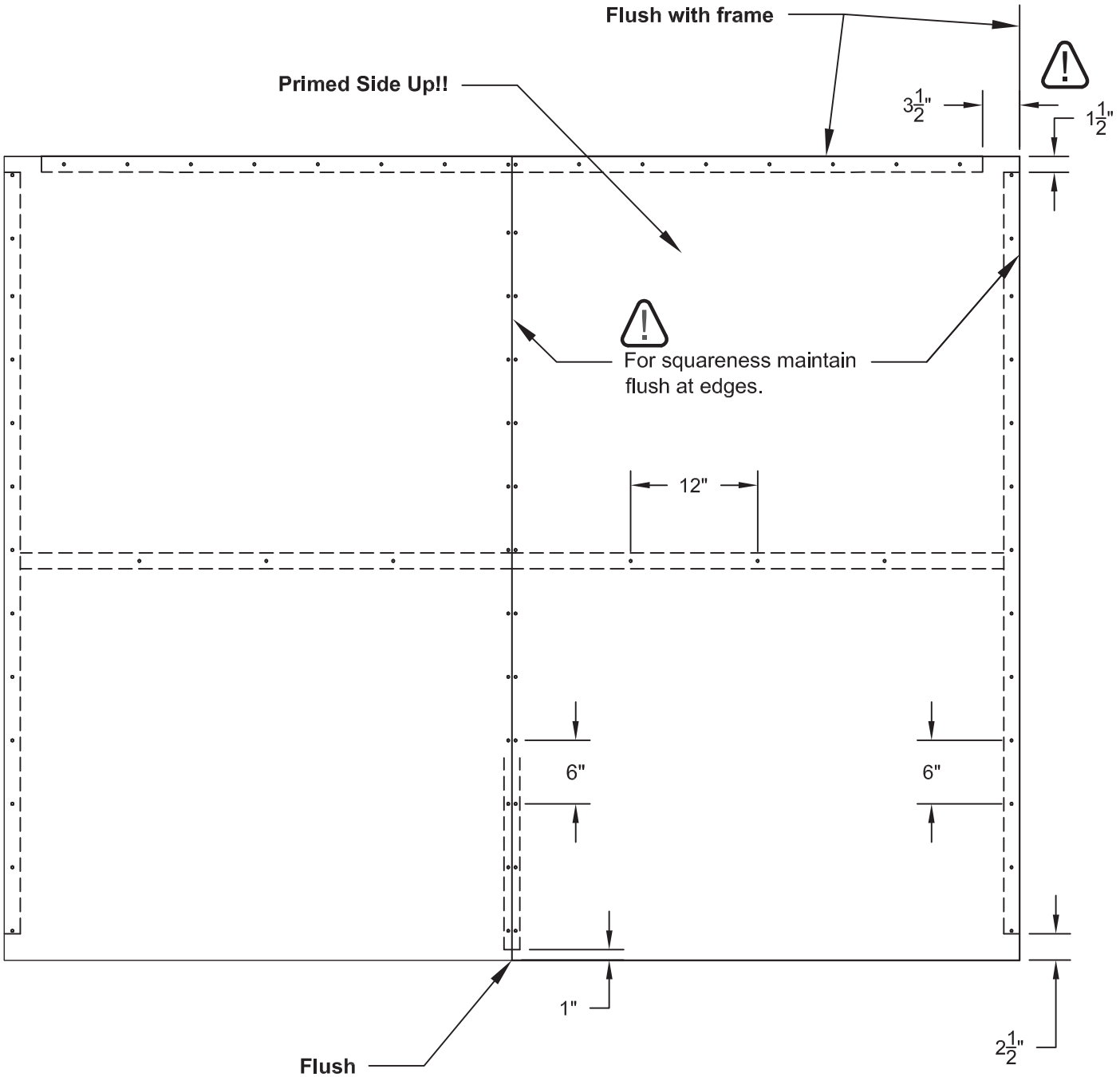
X36 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Place panel on frame as shown with primed side facing up.

2. Keep panel flush to other panel and to side frame. Panel is 1" down from center board and 2-1/2" down from side frame.

3. You have finished your Back Wall. Carefully flip the wall over.



# SIDE WALL

**Parts Required:**

X18 2 x 4 x 72" **TM**

**Fasteners Required:**

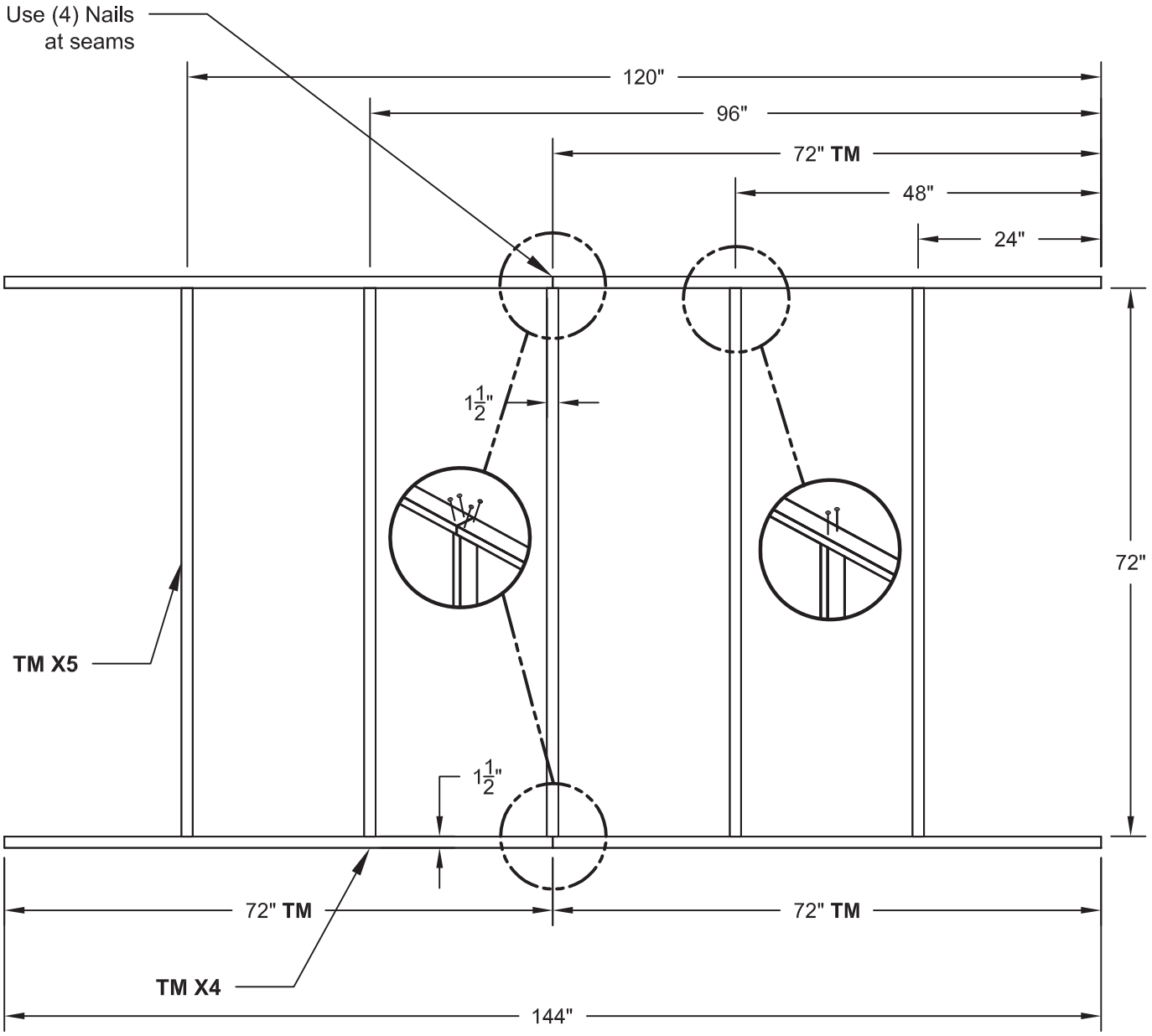
X48 3" Nails

## 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:**

X2 3/8 x 48 x 76" Wall panel

**Fasteners Required:**

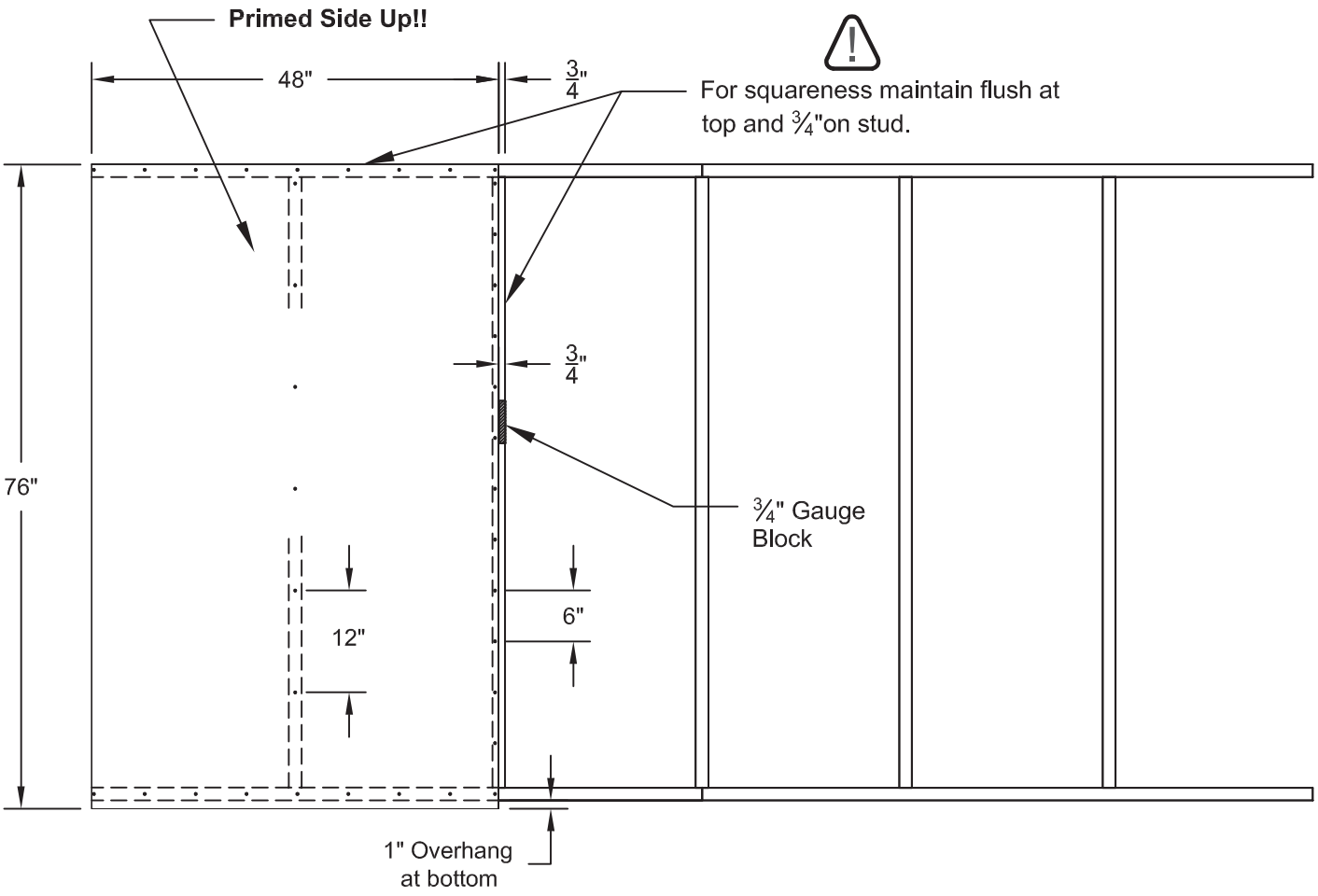
X36 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Place the 48 x 76" panel onto the wall frame with primed side up as shown. Use the gauge block to mark the 3/4" measurement on the wall stud. Keep panel flush at top. 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 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.



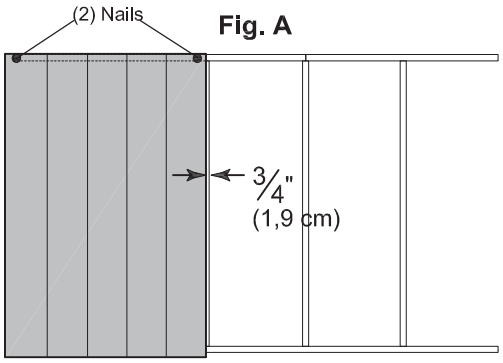




Fig. A

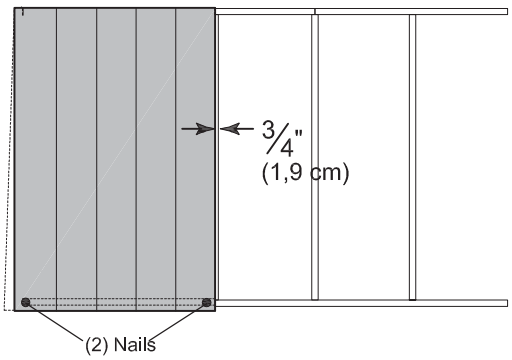



Fig. B

# SIDE WALL

**Parts Required:**

X4 $\frac{3}{8}$ x 48 x 76" Wall panel

**Fasteners Required:**

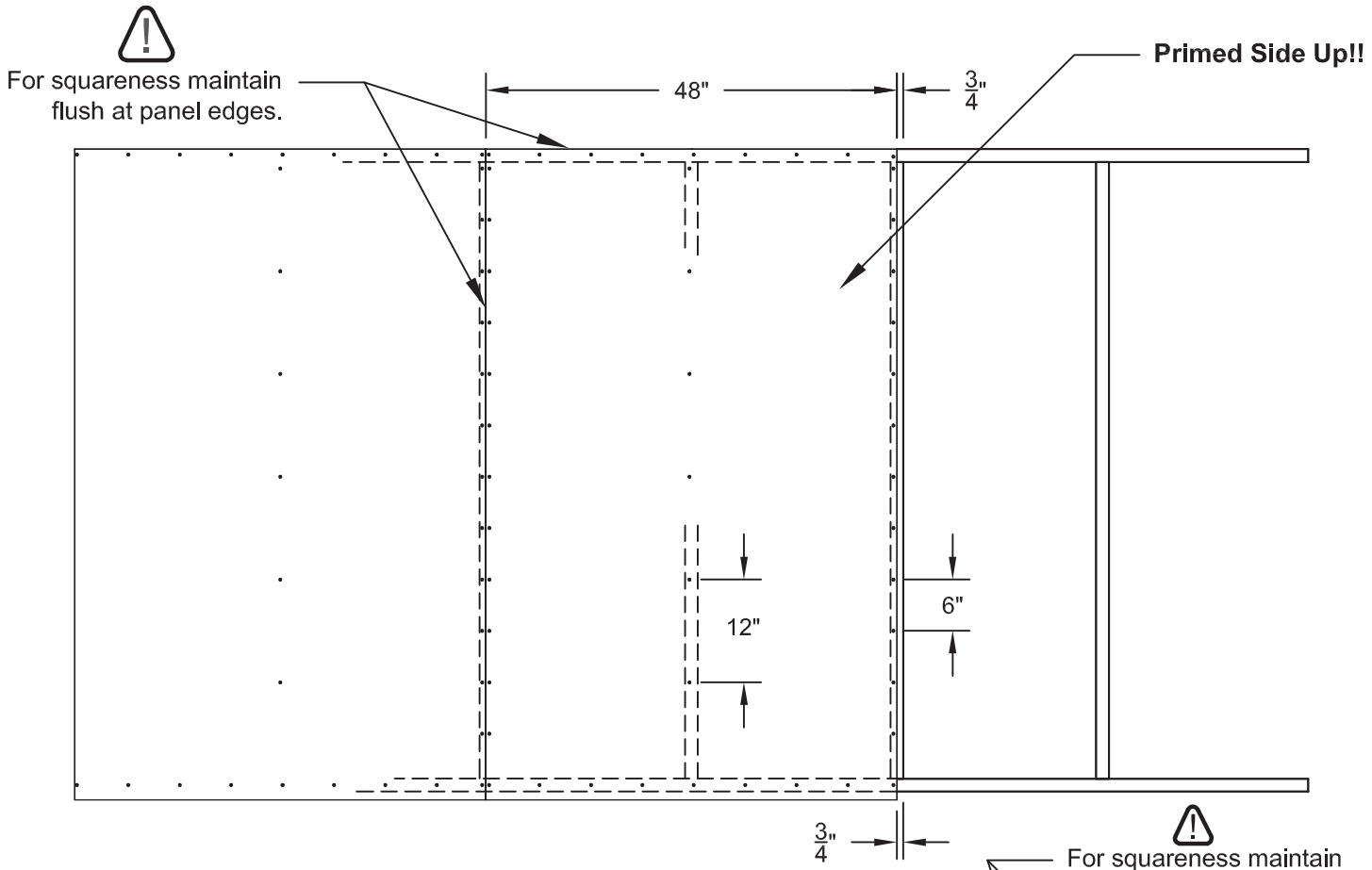
X84 2" Nails

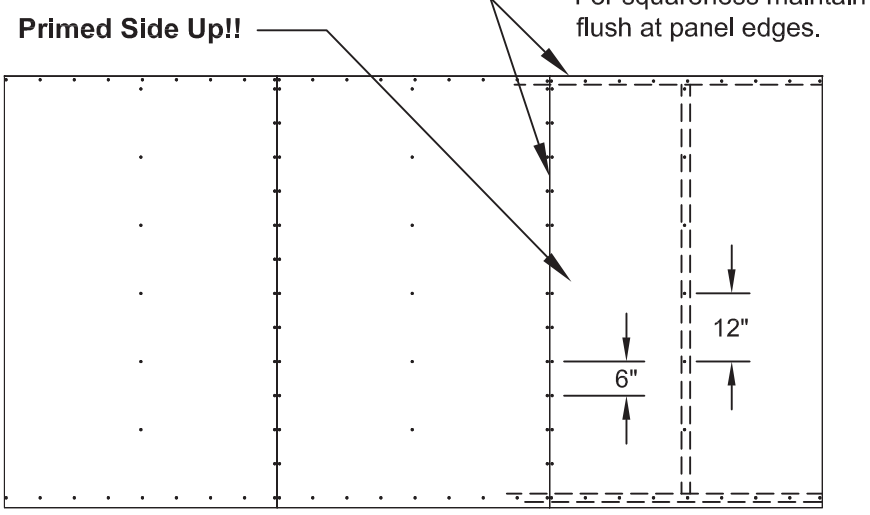
## ASSEMBLY STEPS / NOTES:

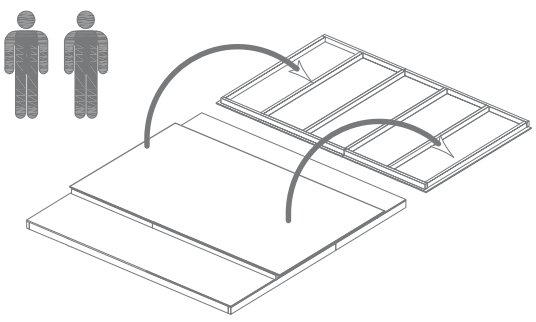
1. Place the center 48 x 76" panel on frame as shown with primed side facing up. Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel. Keep flush to the first panel and the top of the frame.

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 89" | SZ |
| X2 | 2 x 4 x 73-1/2" | THA |
| X1 | 2 x 4 x 56" | QW |

**Fasteners Required:**

X13 3" Nails

## ASSEMBLY STEPS / NOTES:

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

2. Nail header with two 3" nails at ends and through top plate (Fig A).

3. **!! NOTE NAIL HEADER USING THE FLOOR TO KEEP IT FLUSH. FLIP FRAME OVER WHEN DONE SO THAT THE HEADER IS FACE UP !!**

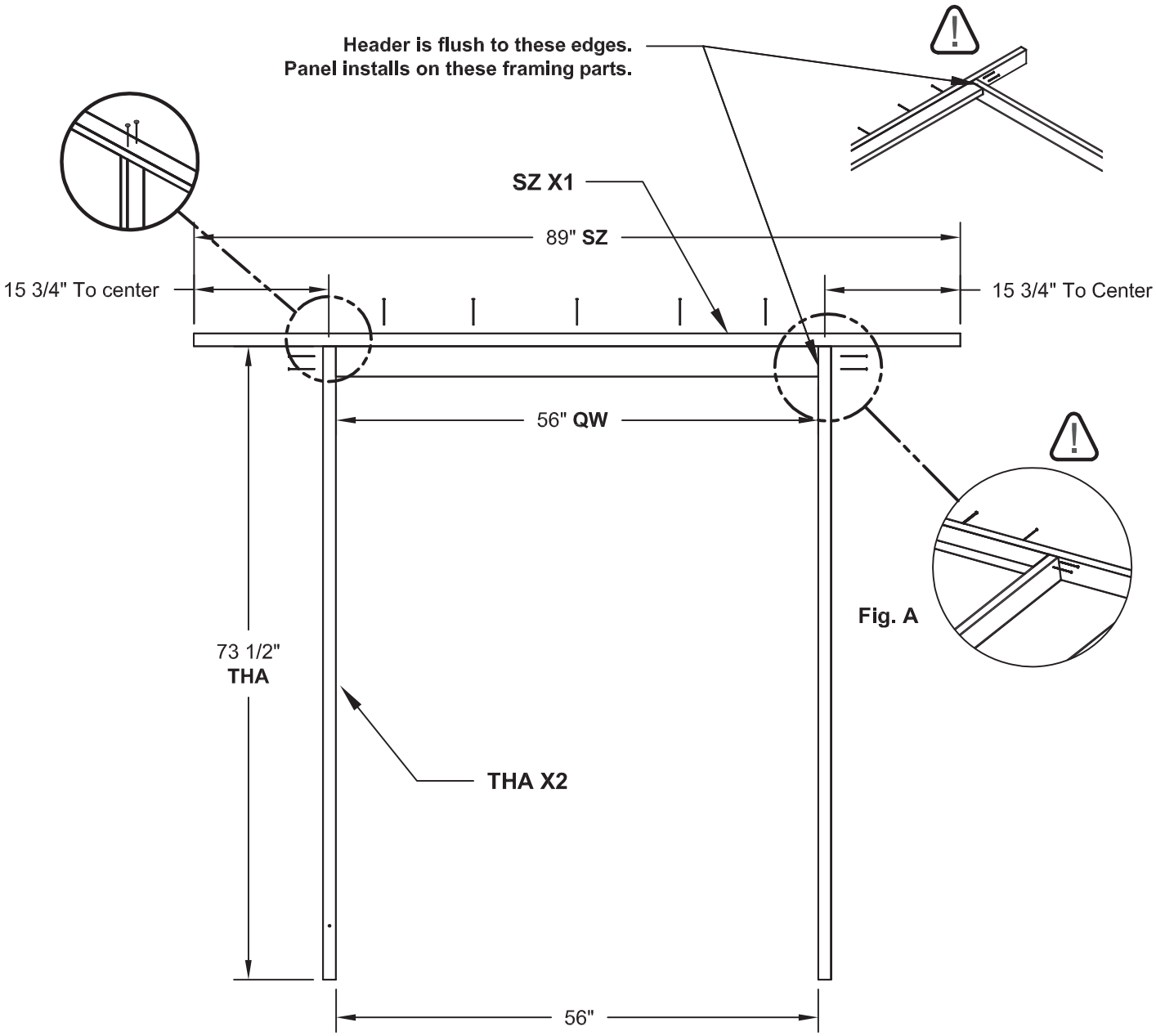



Fig. A

# FRONT WALL

**Parts Required:**

X1 $\frac{3}{8}$ x 48 x 76" Wall Panel

x1 2 x 4 x 72" TM

**Fasteners Required:**

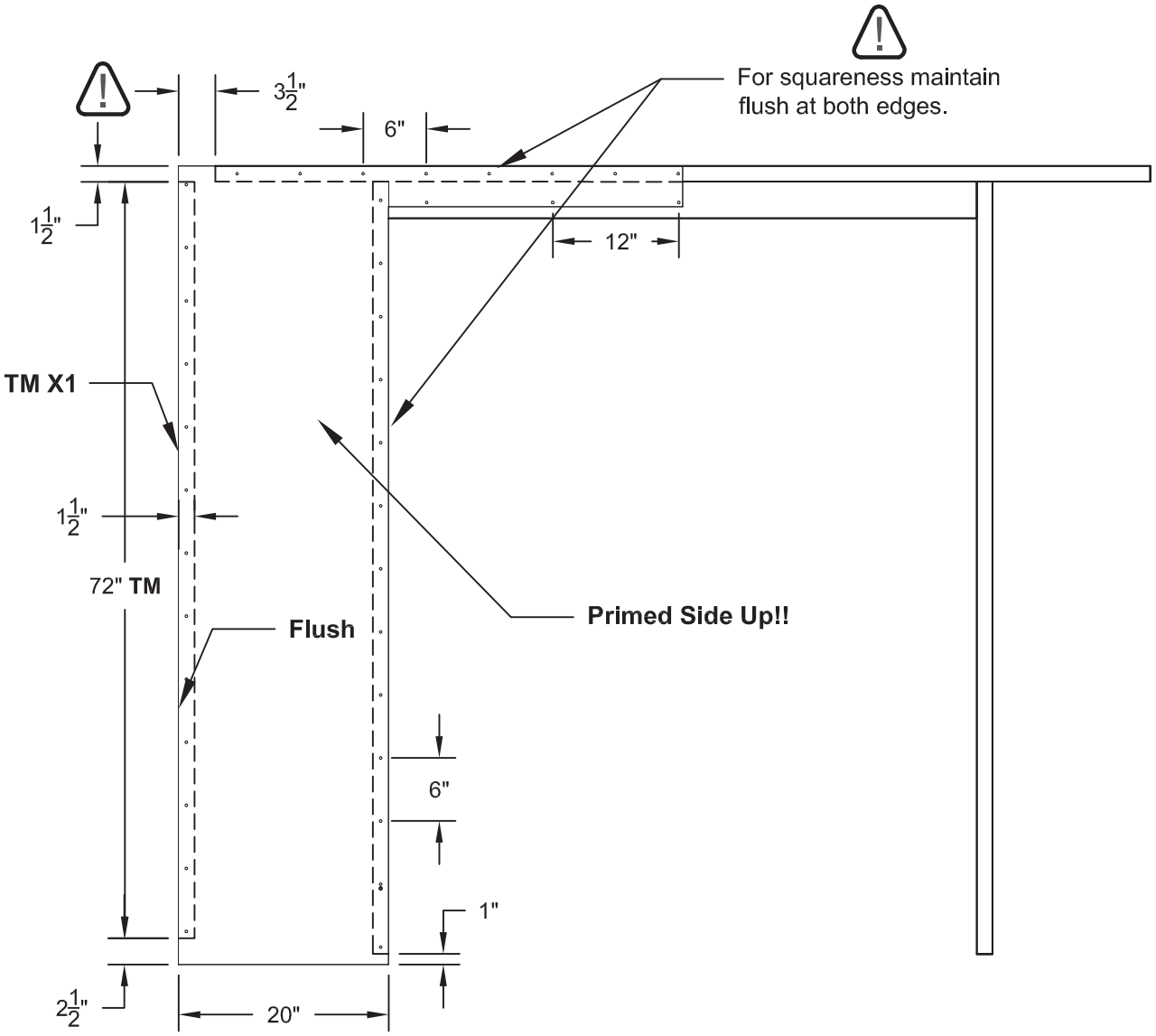
X37 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Place the 48 x 76" panel onto the wall frame with primed side up as shown. Keep panel flush at the top and vertical door opening edges.

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

3. Place **TM** as shown. Flush to the panel, and 1 $\frac{1}{2}$" from the top. Nail the panel to **TM** using 2" nails 6" apart.



# FRONT WALL

**Parts Required:**

| | | |
|---|---|---|
| X1 | 3/8 x 48 x 76" | Wall Panel |
| X1 | 2 x 4 x 72" | TM |
| X1 | 2 x 3 x 69" | **OO** Temporary Brace |

**Fasteners Required:**

| | |
|---|---|
| X37 | 2" Nails |
| X2 | 3" Screws |

## ASSEMBLY STEPS / NOTES:

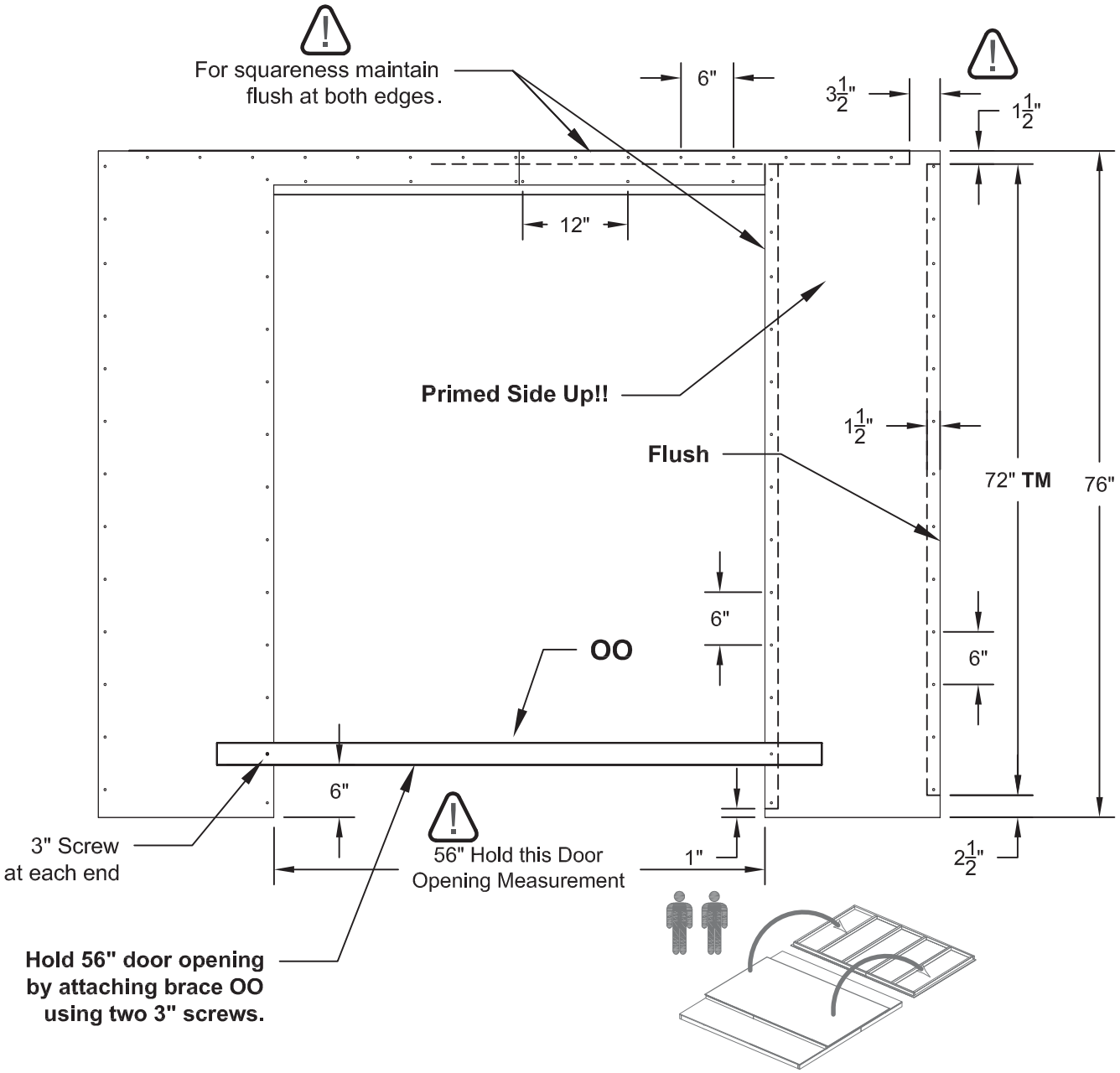
1. Place the 48" x 76" panel onto the wall frame with primed side up as shown. Keep panel flush at the top and vertical door opening edges.

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

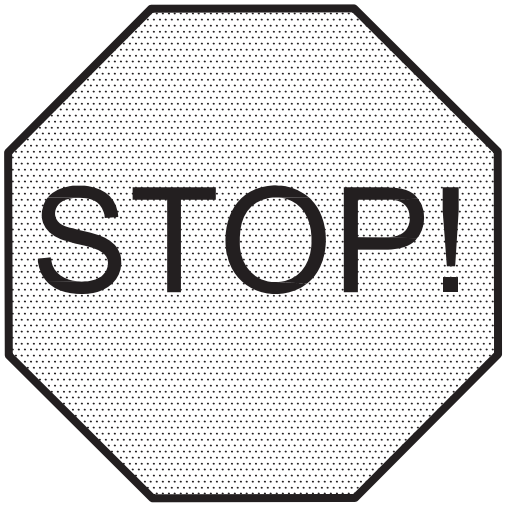
3. Place **TM** as shown. Flush to the panel, and 1 1/2" from the top. Nail the panel to **TM** using 2" nails 6" apart.

4. Attach brace **OO** with one 3" screw at each end to hold the 56" door opening.

5. You have finished your front wall. Carefully flip the wall over.



# STANDING WALLS



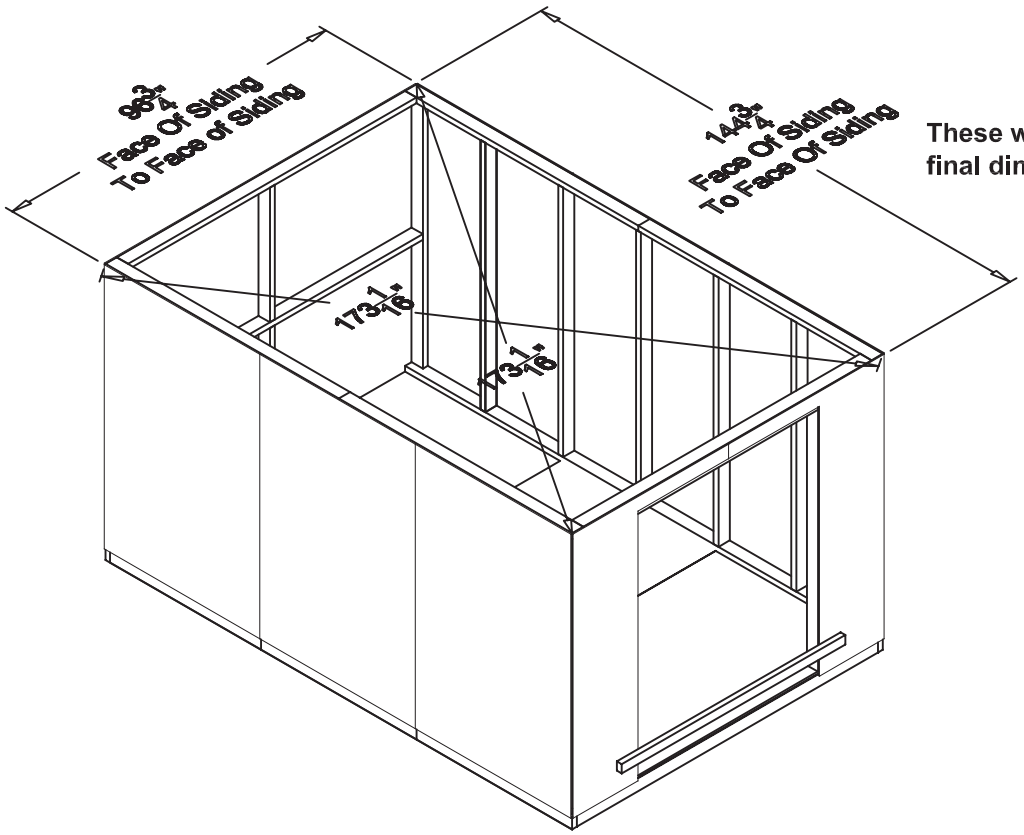

## WHILE INSTALLING THE WALLS IT IS IMPORTANT TO BE AWARE OF THE FOLLOWING FRAMING CONDITIONS AND DIMENSIONS ...

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:**

X2 Side Wall Assembly
X1 2 x 3 x 69" Temporary Brace **OO**

**Fasteners Required:**

X12 3" Screw
X26 2" Nails
x4 3" Screws

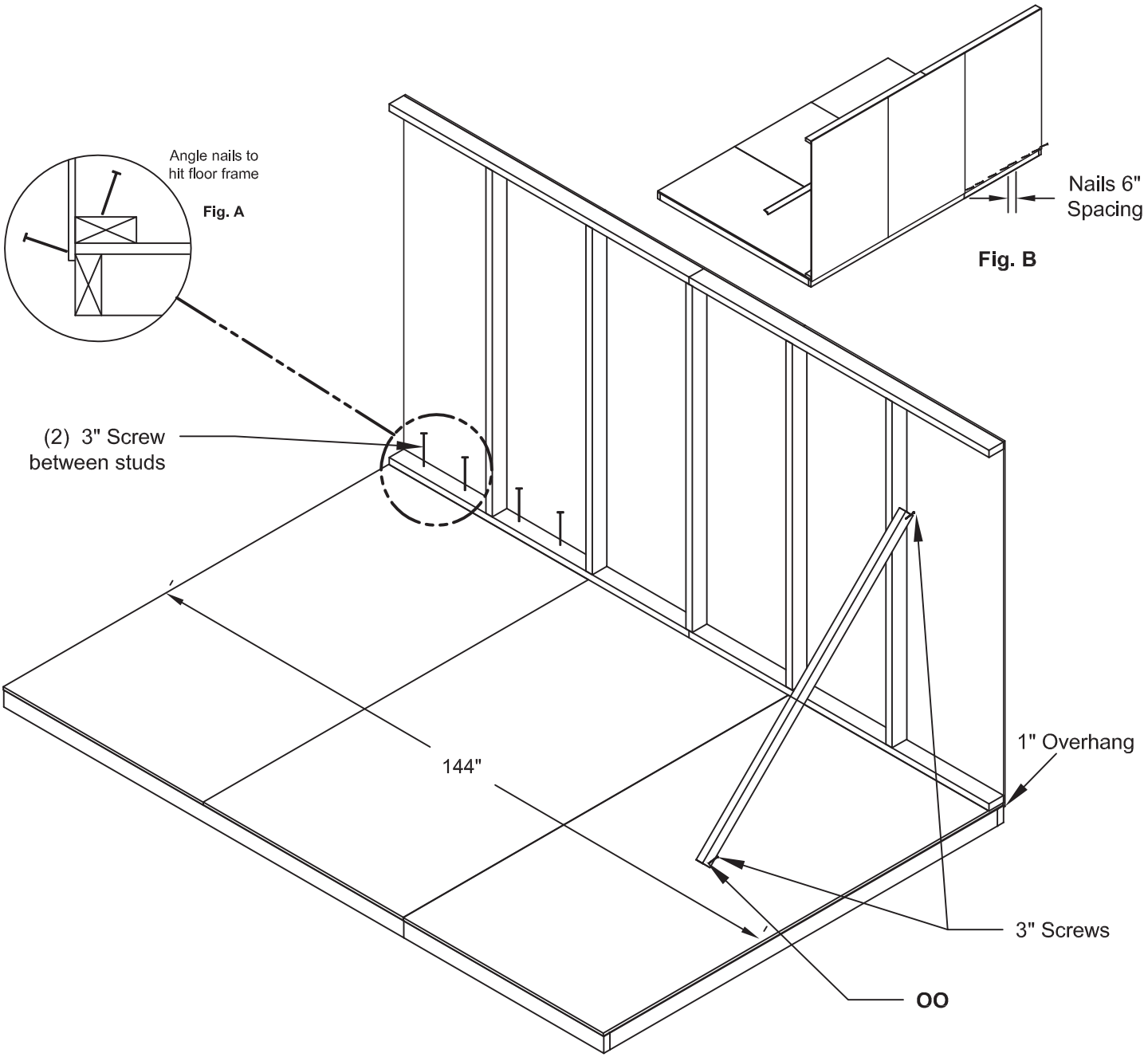
## ASSEMBLY STEPS / NOTES:

1. Stand side wall on floor. Overhang is to bottom of panel. Center back wall on the 144" floor dimension.

2. Use **OO** 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:**

X30 2" Nails

x2 3" Screws

## ASSEMBLY STEPS / NOTES:

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



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

   In the corner make sure the back wall frame rests on the side wall bottom plate.

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

   Note: There should be a 1-1/2" gap at the opposite side.

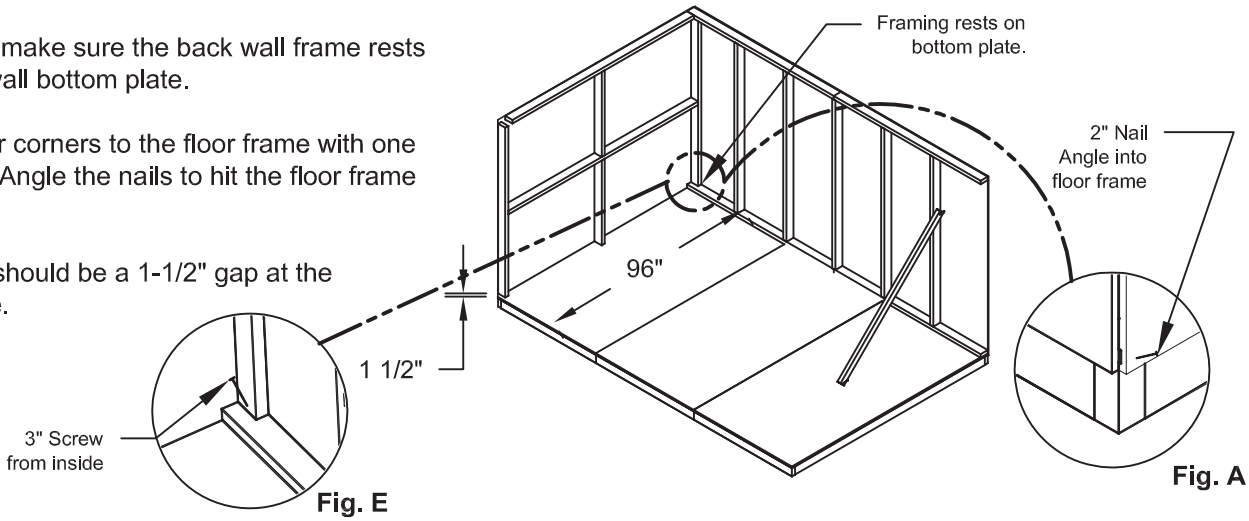



Fig. A

Fig. E

2. 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 2" nails spaced 6" apart.

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

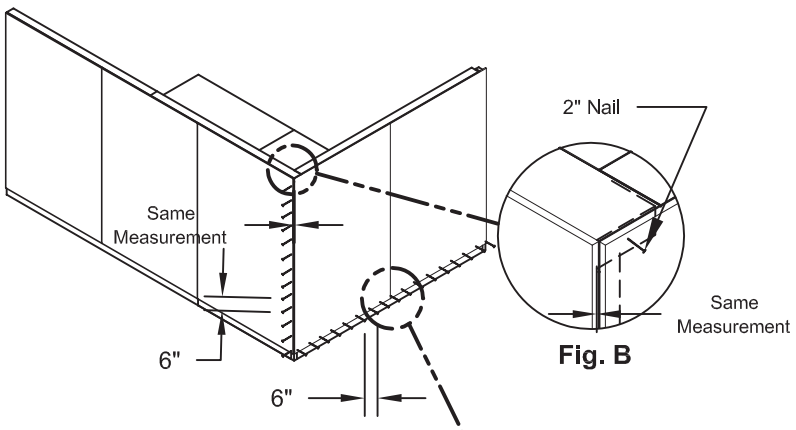



Fig. B

3. From inside secure the back wall frame using 3" screws through the frame into the floor (Fig. C) and through the frame into the upper side wall rail (Fig D) and lower side wall rail (Fig E).

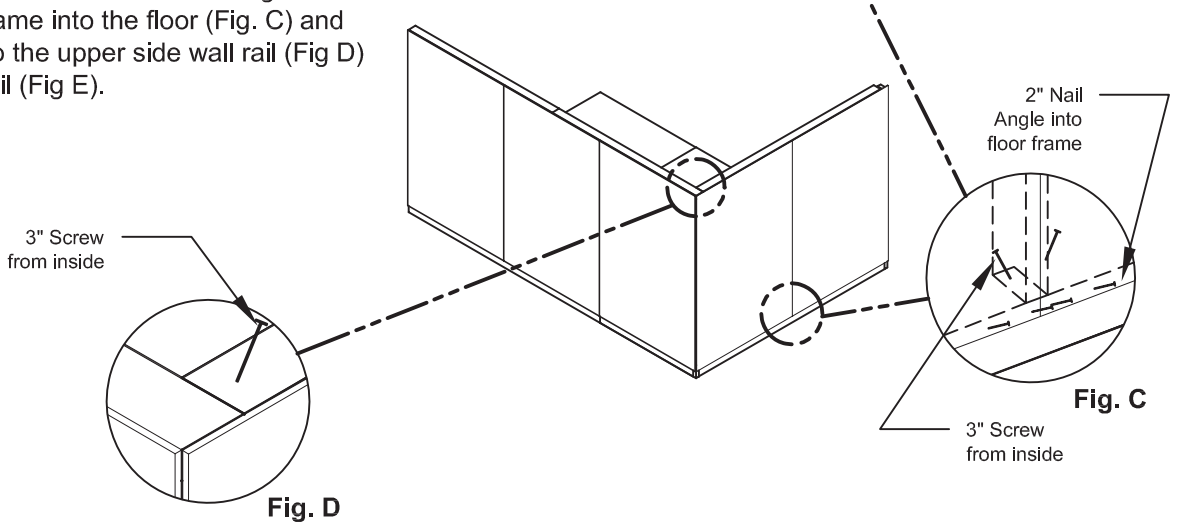



Fig. C

Fig. D

# STANDING WALLS

**Parts Required:**

X1 Side Wall Assembly

**Fasteners Required:**

X14 3" Screws
X39 2" Nails



1. Center side wall side-to-side on the 144" floor dimension.

   In the corner make sure the bottom plate fits into the 1-1/2" gap of the back wall frame (Fig. A)

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

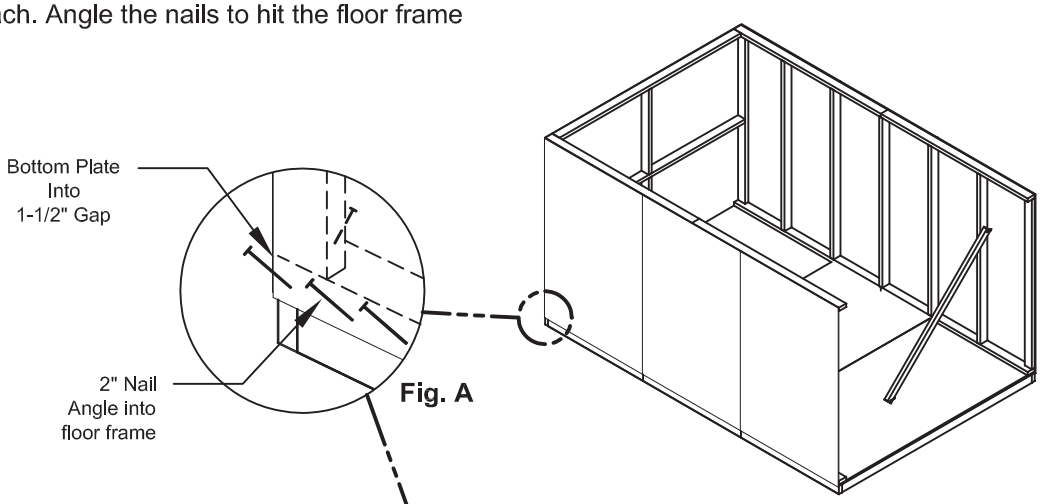



**Fig. A**

2. 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 2" nails spaced 6" apart.

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

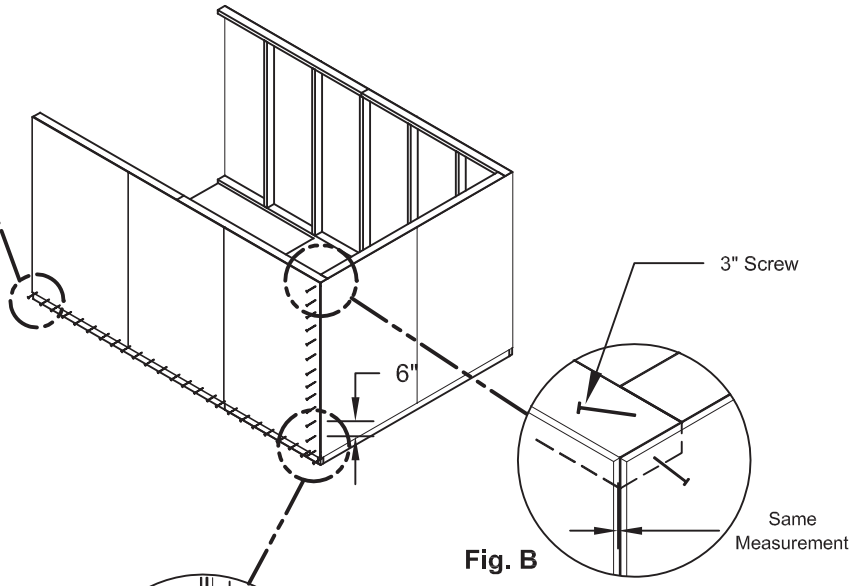



**Fig. B**

3. From inside secure the back wall frame using 3" screws through the frame into the side wall bottom plate. (Fig. C)

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

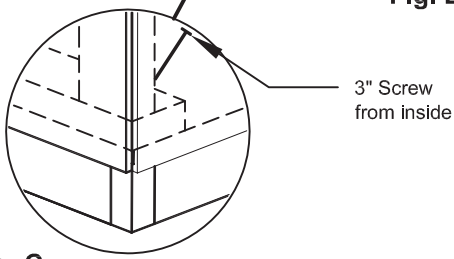



**Fig. C**

# STANDING WALLS

**Parts Required:**

X1 Front Wall Assembly

**Fasteners Required:**

X42 2" Nails
x14 3" Nails
x8 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.

1. Center front wall on floor side-to-side. Make sure the bottom plate is securely in the 1-1/2" gaps at both side walls

   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).

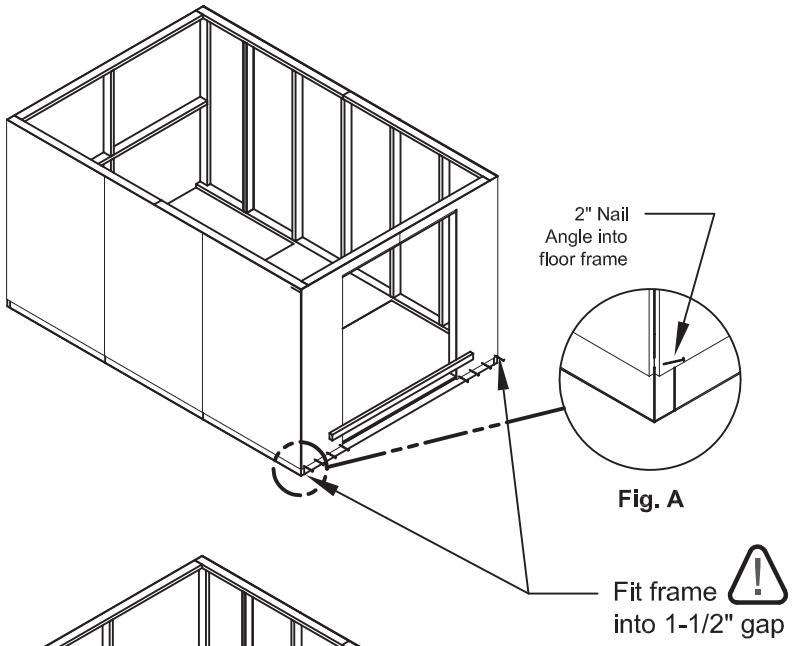



Fig. A

2. 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 2" nails spaced 6" apart.

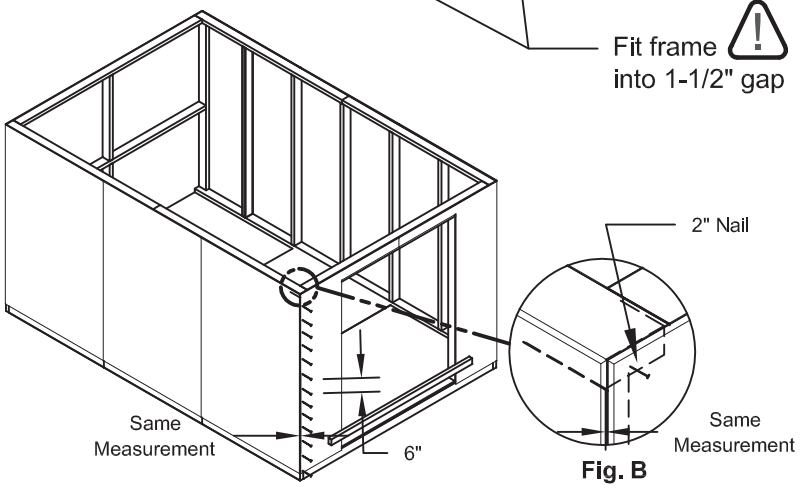



Fig. B

3. From inside secure the front wall frame using 3" screws through the frame into the upper side wall rail (Fig C), lower side wall rail. (Fig D)

   Move to the opposite side and repeat process.

   Remove the temporary braces.

   You have finished standing your walls.

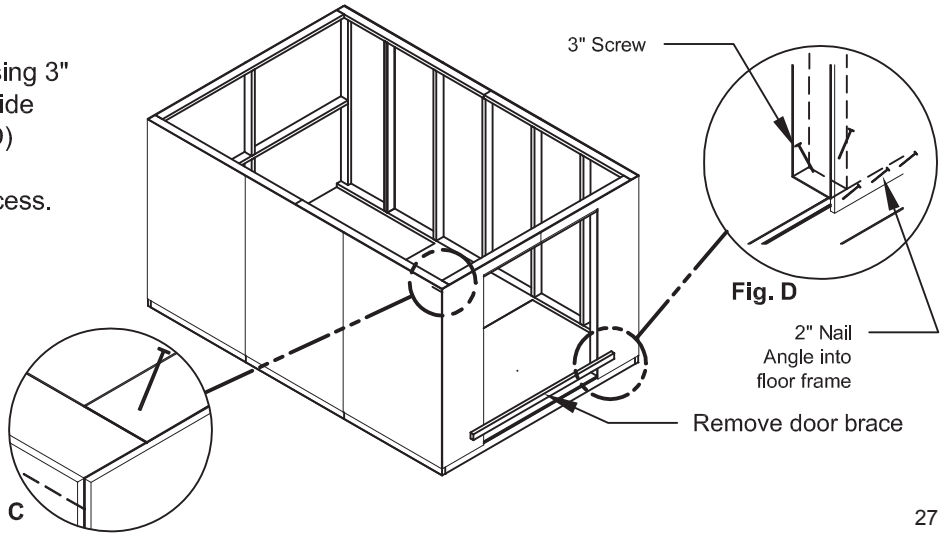


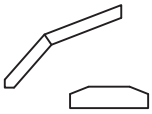

Fig. D

Fig. C

# RAFTERS

**Parts Required:**

X14 Rafters



X12 Gussets




**Fasteners Required:**

X144 2" Nails

x2 3" Screws

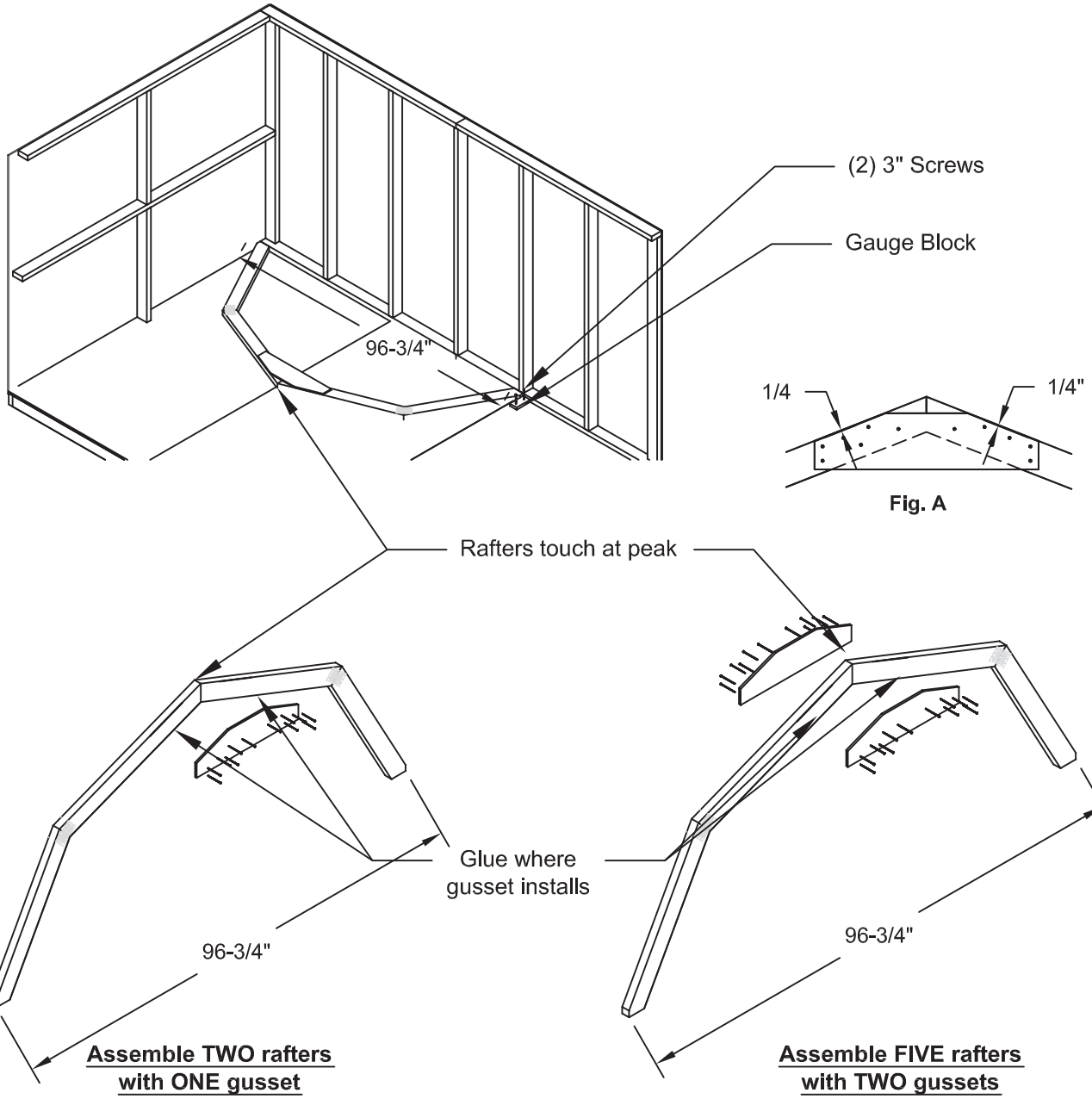
## ASSEMBLY STEPS / NOTES:

1. You will assemble (7) rafters. **(2) Rafters have only ONE gusset. (5) Rafters have TWO gussets** . Make a jig so rafters all have the same measurement using the shed floor and ¾" gauge block.

2. Measure 96-3/4" from the corner and screw down the ¾" gauge block securely.

3. Place rafter parts in jig as shown. Apply glue to rafters where the gusset will fit. Ends of rafters must touch at the peak. Nail gusset to rafters with a ¼" offset using twelve 2" nails in pattern shown. (Fig. A)

4. On **TWO** rafters install **ONE** gusset. On **FIVE** rafters flip over rafter assembly and attach a **SECOND** gusset.



# RAFTERS

**Parts Required:**

X5 Rafter Assemblies w/2-Gussets
X2 Rafter Assembly w/1-Gusset

**Fasteners Required:**

X24 3" Screws

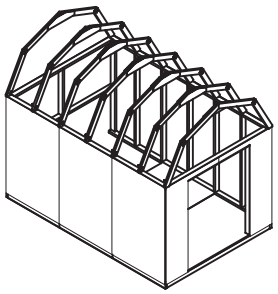
## ASSEMBLY STEPS / NOTES:

1. Mark top of wall frames to measurement shown.

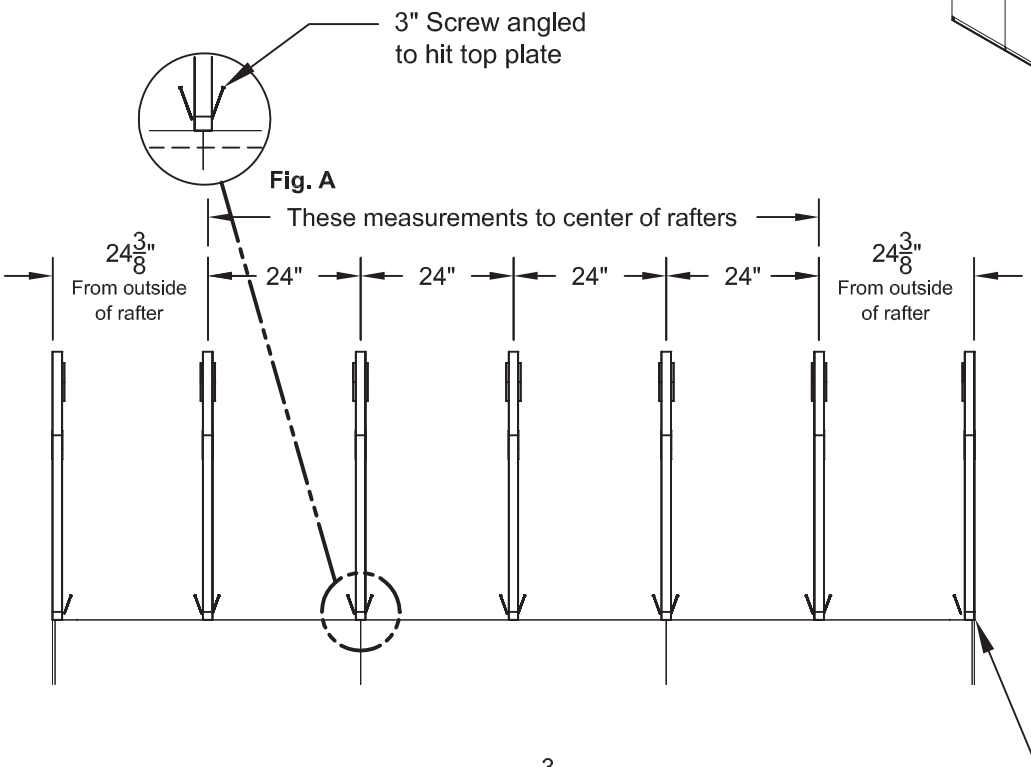
2. Locate end rafters flush against outside of wall panel. Secure end rafter to wall panel using one 3" screw angled through rafter into top plate. (Fig. A). Move to the opposite end and repeat to secure the other rafter end.

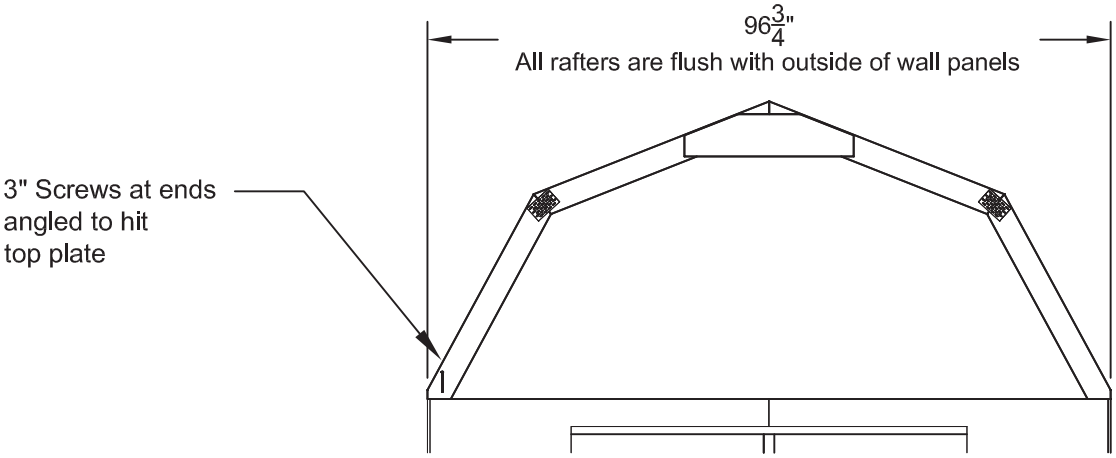
3. Center middle rafters on marks. Hold rafter end flush to outside wall panel and secure using 3" screws angled through rafter into top plate. (Fig. A). Move to the opposite end and repeat to secure the other rafter end.

4. Repeat steps to attach all rafters.



**Check that sidewalls are still straight after rafter install. It may be necessary to use a temp brace to realign wall until roofing is installed.**

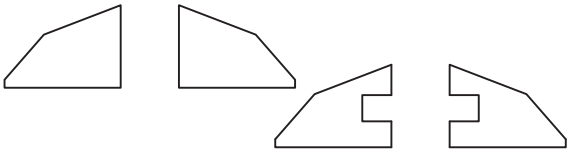


# Gable Panels

## Parts Required:

X1 Back Gable Panel Left
X1 Back Gable Panel Right
X1 Front Gable Panel Left
X1 Front Gable Panel Right
X1 2 X 4 X 36" SL
X1 2 X 4 X 15-7/8" CB
X1 2 X 4 X 10-7/8" QUA

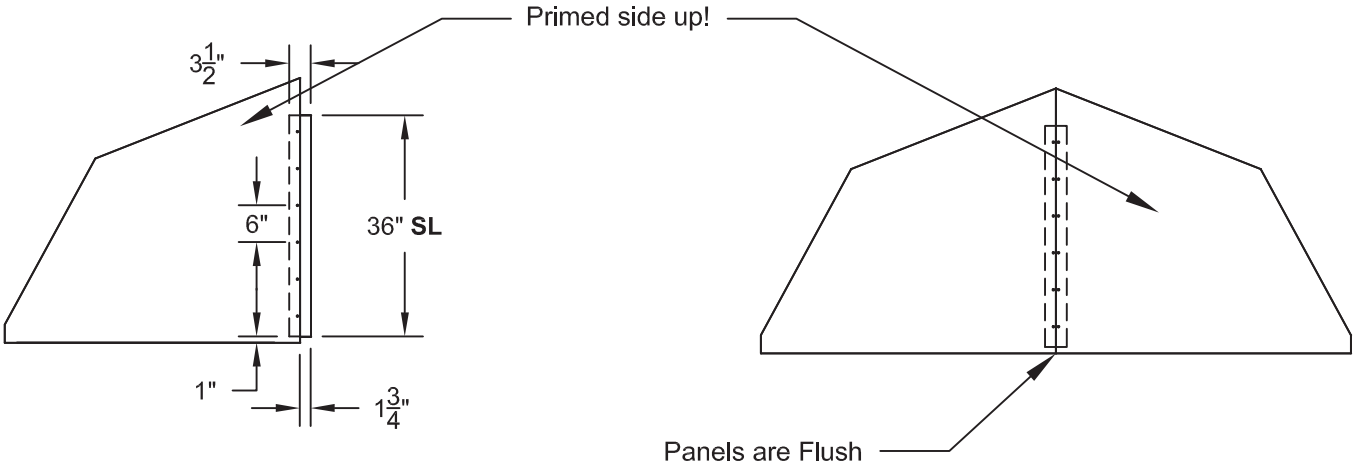


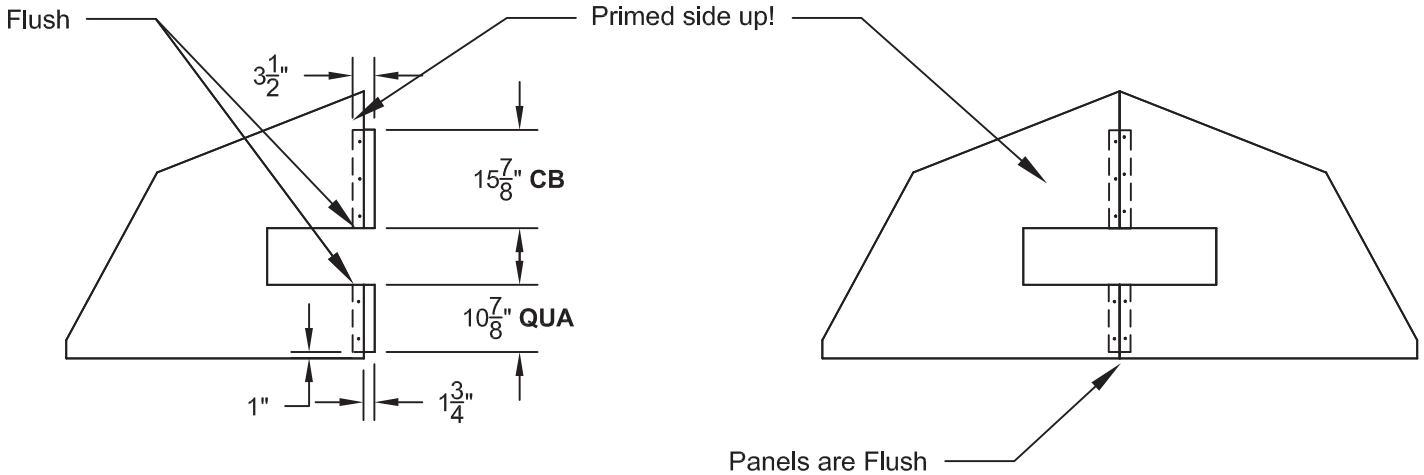
## Fasteners Required:

X34 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Orient back Gable Panel as shown across gable connector **SL** primed side up. Leave 1" overhang on bottom.
2. Nail the panel using 2" nails 6" apart.
3. Repeat Steps 1 & 2 for the other side of the back panel. Keep the panels flush at the bottom.
4. Orient front Gable Panel as shown across gable connector **QUA** and **CB** primed side up. Leave 1" overhang on bottom. Part **QUA** will be flush with the bottom of the window hole.
5. Nail the panel using 2" nails 6" apart.
6. Repeat steps 4 & 5 for the other side of the front panel.

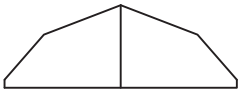


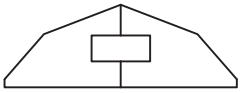
# Gable Panels

**Parts Required:**

X1 Back Gable Panel Assembly



X1 Front Gable Panel Assembly



**Fasteners Required:**

X40 2" Nails

X8 3" Screws

---

## ASSEMBLY STEPS / NOTES:

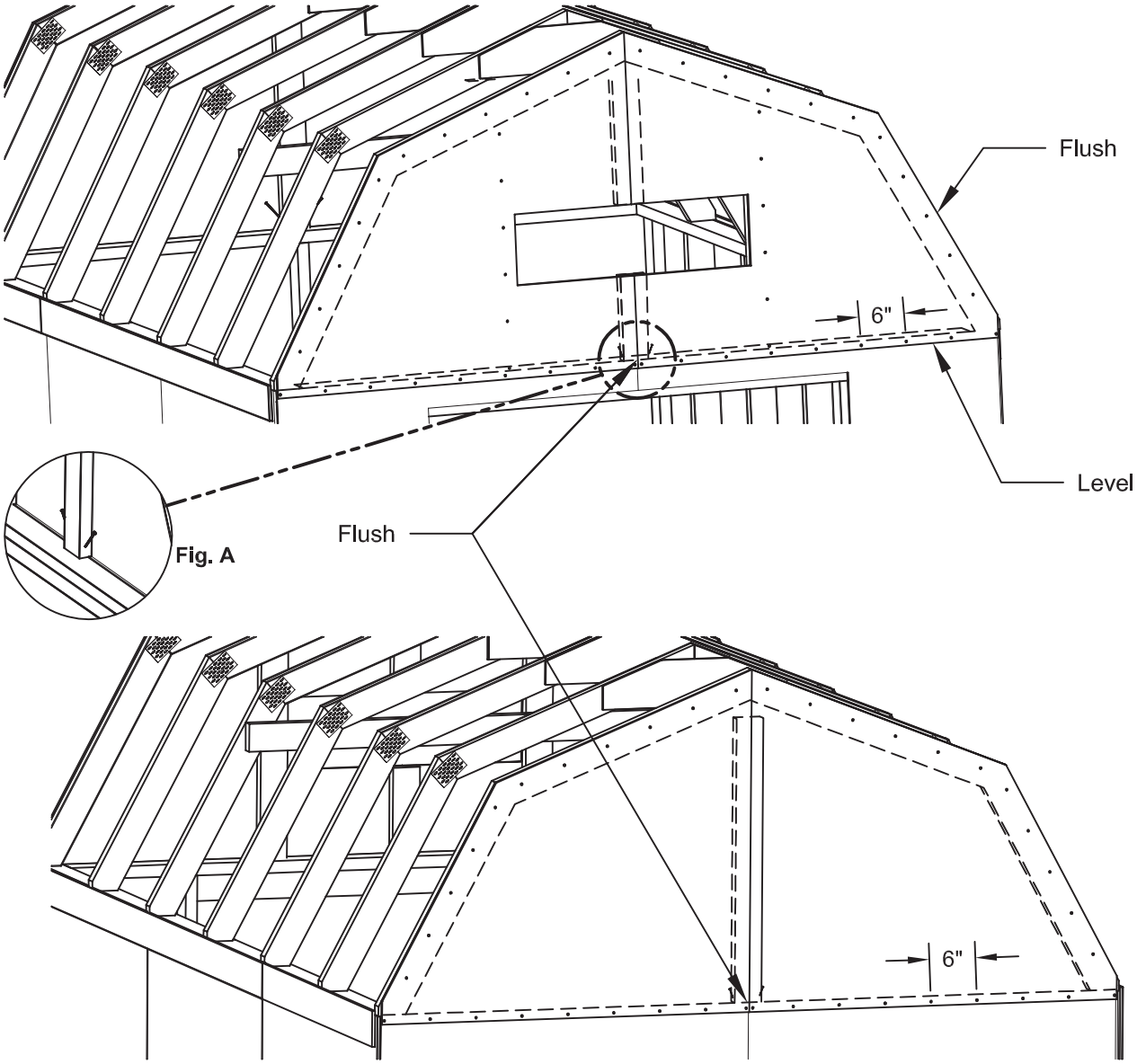
1. Lift front Gable panel Assembly into place. Center the gable on the front of the wall. Keep the gable connectors flush with the top rail.

2. Using 3" screws, angle the screw through the gable connector to hit the top rail (Fig A).

3. Nail the panel around the outside edge using 2" nails 6" apart.

4. Repeat steps for the back side.





# LOFT

**Parts Required:**

X1 7/16 X 48 X 84" Loft Panel

X3 2 X 4" X 95" TOA

**Fasteners Required:**

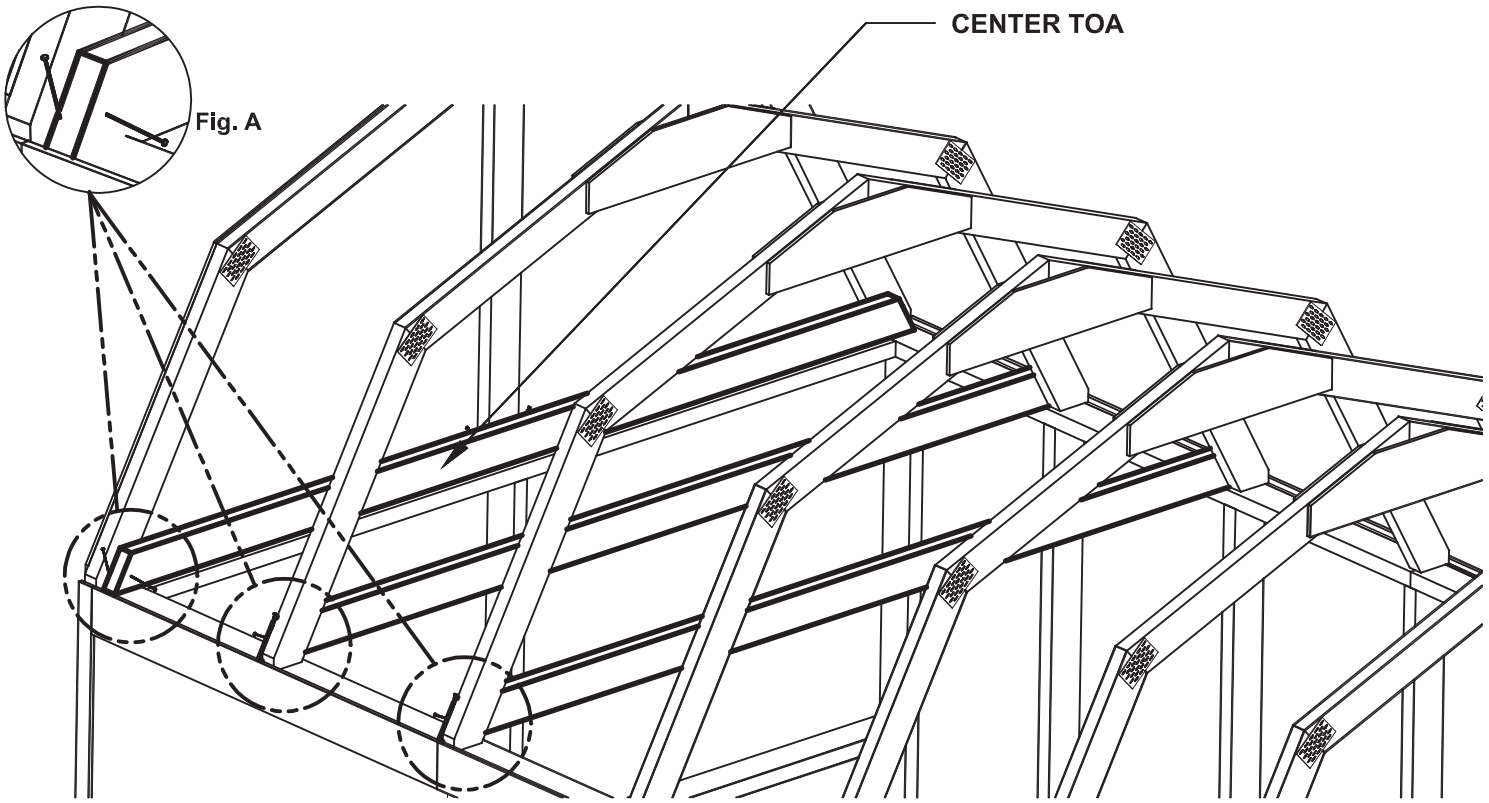
X12 3" Screws

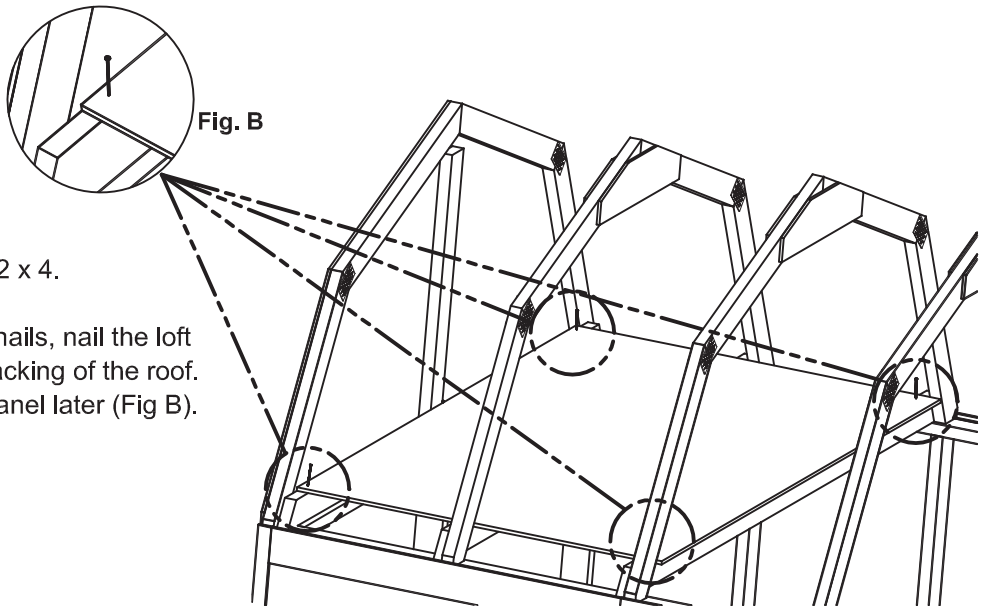
X4 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Center the loft joist in front of the back rafter and behind the next two rafters.

2. Attach each joist with one 3" screw toenailed through the joist into the top rail, and another 3" screw through the joist into the rafter. Fig A




## ASSEMBLY STEPS / NOTES:

1. Place loft panel grid side up onto the three loft joists centered from side to side, and against the back 2 x 4.

2. **IMPORTANT!!** Using only four 2" nails, nail the loft panel in place. This will allow for racking of the roof. You will complete nailing the loft panel later (Fig B).

# ROOF

**Parts Required:**

X1 7/16 x 35-7/8 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 7/8 x 96" panel with the rough side up (painted-grid lines side) with a 3/4" measurement on the rafter (Fig A) and the panel flush at the peak (Fig. B).

   Secure panel with two 2" nails in the corners.

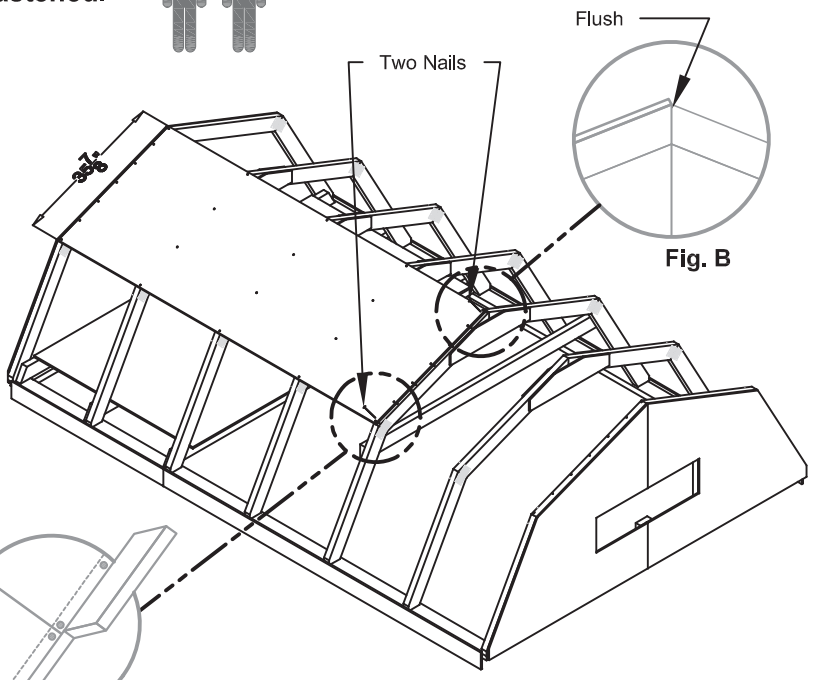



Fig. B

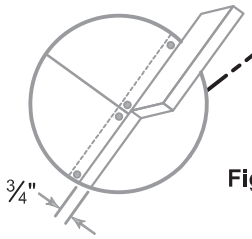



Fig. A

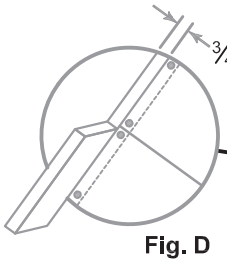



Fig. D

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 there is 3/4" measurement on the rafter (Fig. D).

   Secure panel with two 2" nails in the corners.

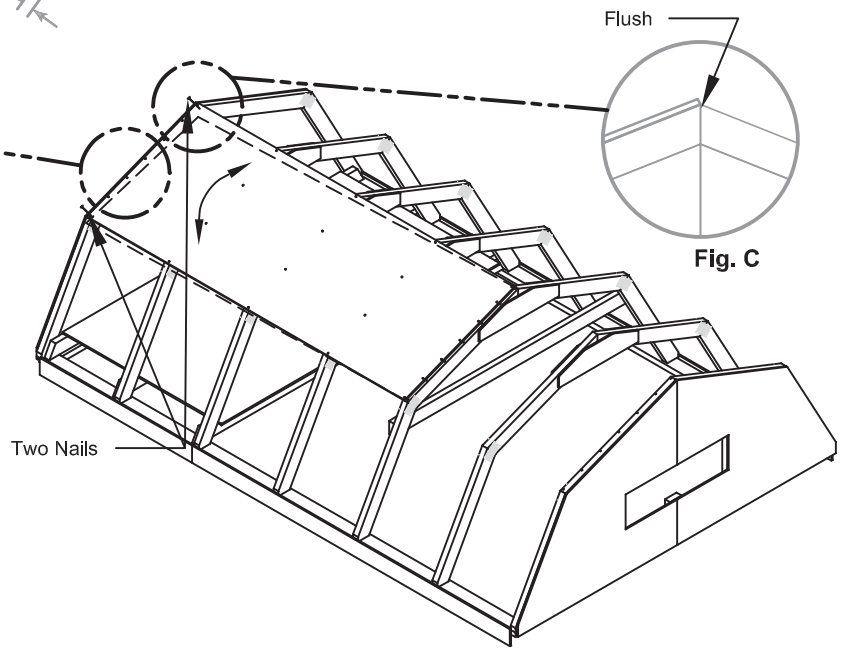



Fig. C

# ROOF

## Parts Required:

| | | | |
|---|---|---|---|
| X1 | 7/16 x 35-7/8 x 96" | OSB Panel | |
| X2 | 7/16 x 35-7/8 x 48" | OSB Panel | |
| X2 | 7/16 x 23-7/8 x 96" | OSB Panel | |
| X2 | 7/16 x 23-7/8 x 48" | OSB Panel | |

GAA
3/4" GAUGE BLOCK

## Fasteners Required:

X68 2" Nails

## ASSEMBLY STEPS / NOTES:

**Roof panels may cause serious injury until securely fastened.**



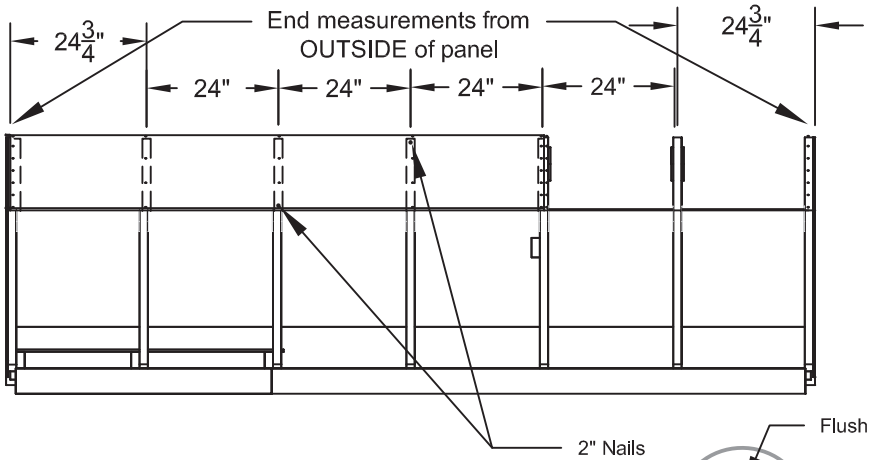



Fig. E

4. Keep spacing between the center of the rafters at the lower edge of the panel and secure with one 2" nail into each rafter (Fig. E).

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

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

   Attach the 35-7/8 x 48" roof panel flush to first panel along edge and with the peak of the roof along the top. With a 3/4" measurement between the roof panel and the front gable panel (Fig. G & F).

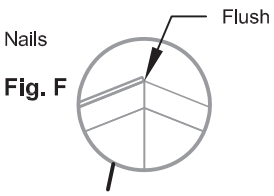



Fig. F



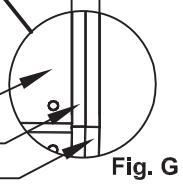




Fig. G

5. 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 rafter (Fig. H & I).

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

6. At one end attach a 23-7/8 x 48" roof panel flush to the installed lower panel along the edge and the upper panel along the peak (Fig. H).

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

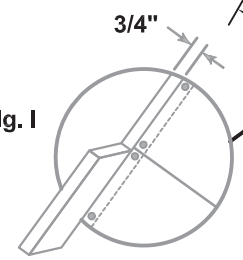



Fig. I




Fig. H

# ROOF

## Parts Required:

X1 7/16 x 11-7/8 x 96" OSB Panel

X2 7/16 x 11-7/8 x 24-11/16" OSB Panel

GAA
3/4" GAUGE BLOCK

## Fasteners Required:

X108 2" Nails

## ASSEMBLY STEPS / NOTES:

**Roof panels may cause serious injury until securely fastened.**

7. Attach roof panel 11-7/8" x 96" flush with the installed roof panel, and with a 3/4" measurement on the rafters (Fig J).

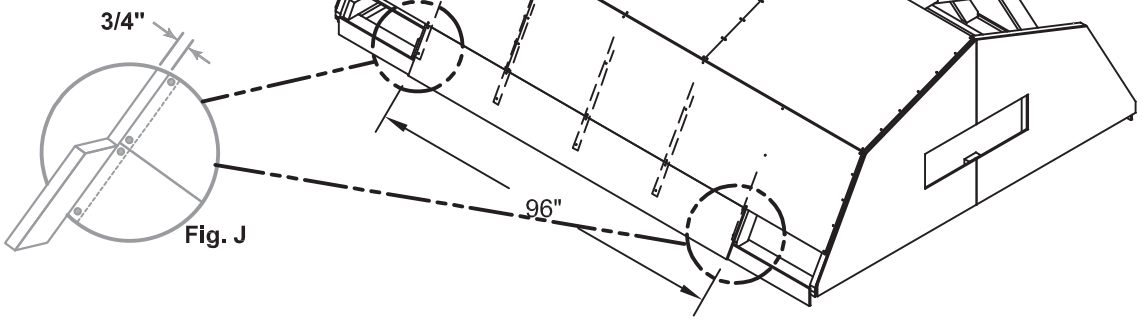



Fig. J

8. Attach the last two roof panels 11-7/8 x 24-11/16 flush with the installed roof panels.

**These pieces will be longer than the previously installed panels, flushing out to the face of the gable panels (Fig K). This is to cover the gap between the gable and roof.**

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

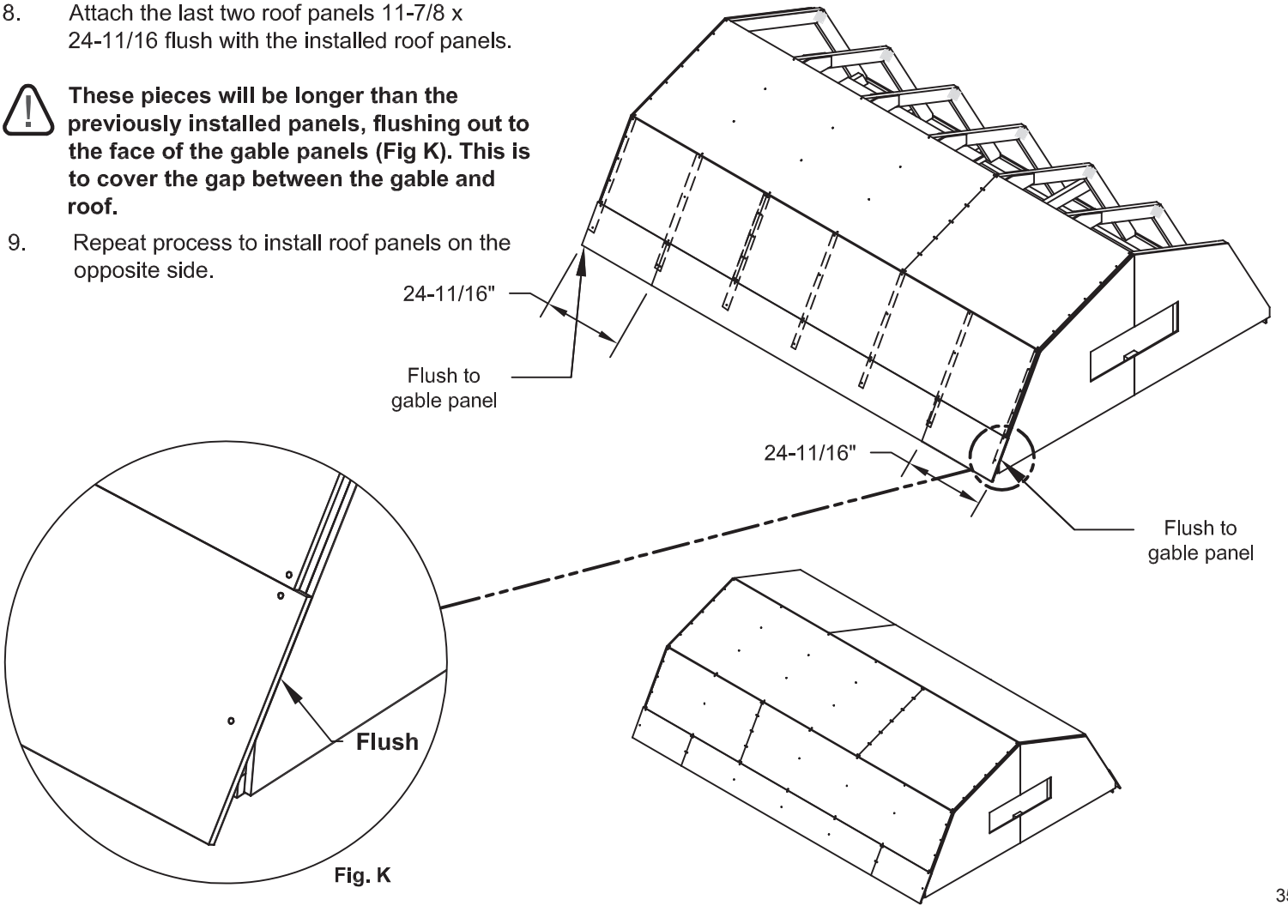



Fig. K

# FRONT GABLE

**Parts Required:**

X2 2 x 4 x 32" RRA

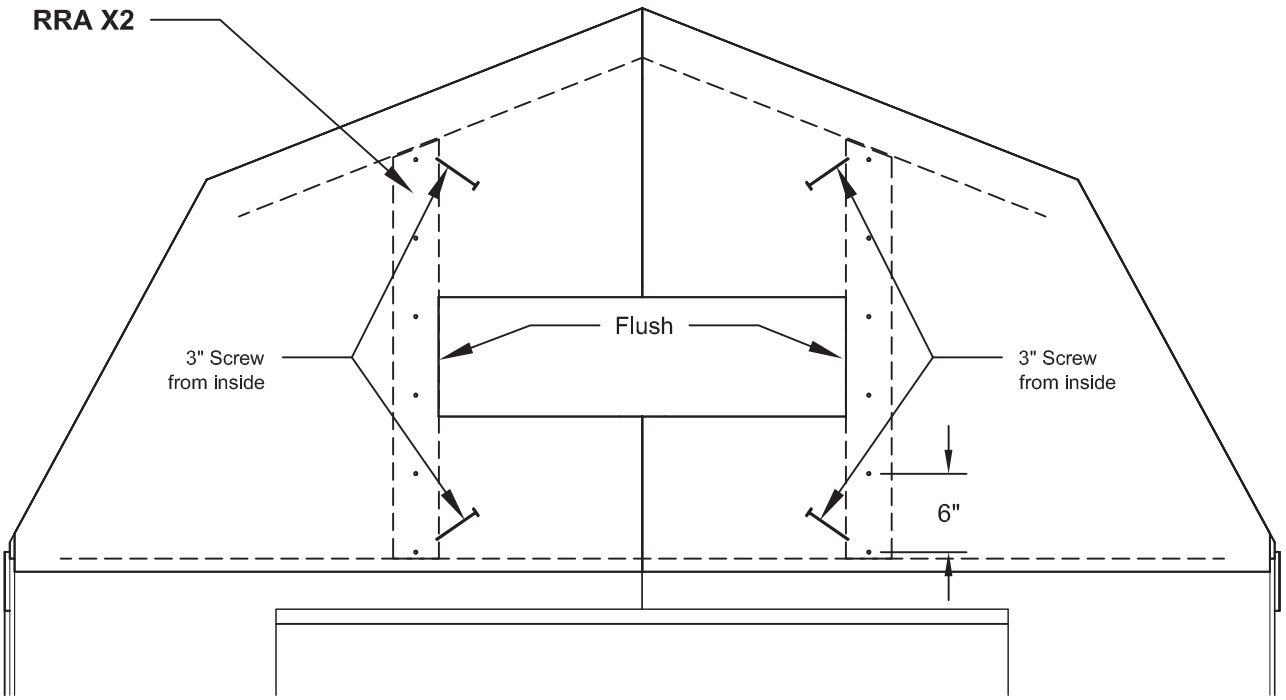
**Fasteners Required:**

X12 2" Nails
X4 3" Screws

## ASSEMBLY STEPS / NOTES:

1. Place one **RRA** on the inside of the front gable on each side of the window opening. The part should fit in between the rafter and frame above the door, The sides should be flush with the window opening. Secure with 3" screws at the top and bottom

2. Using 2" nails 6" apart nail through the panel into **RRA's** from the front of the shed.



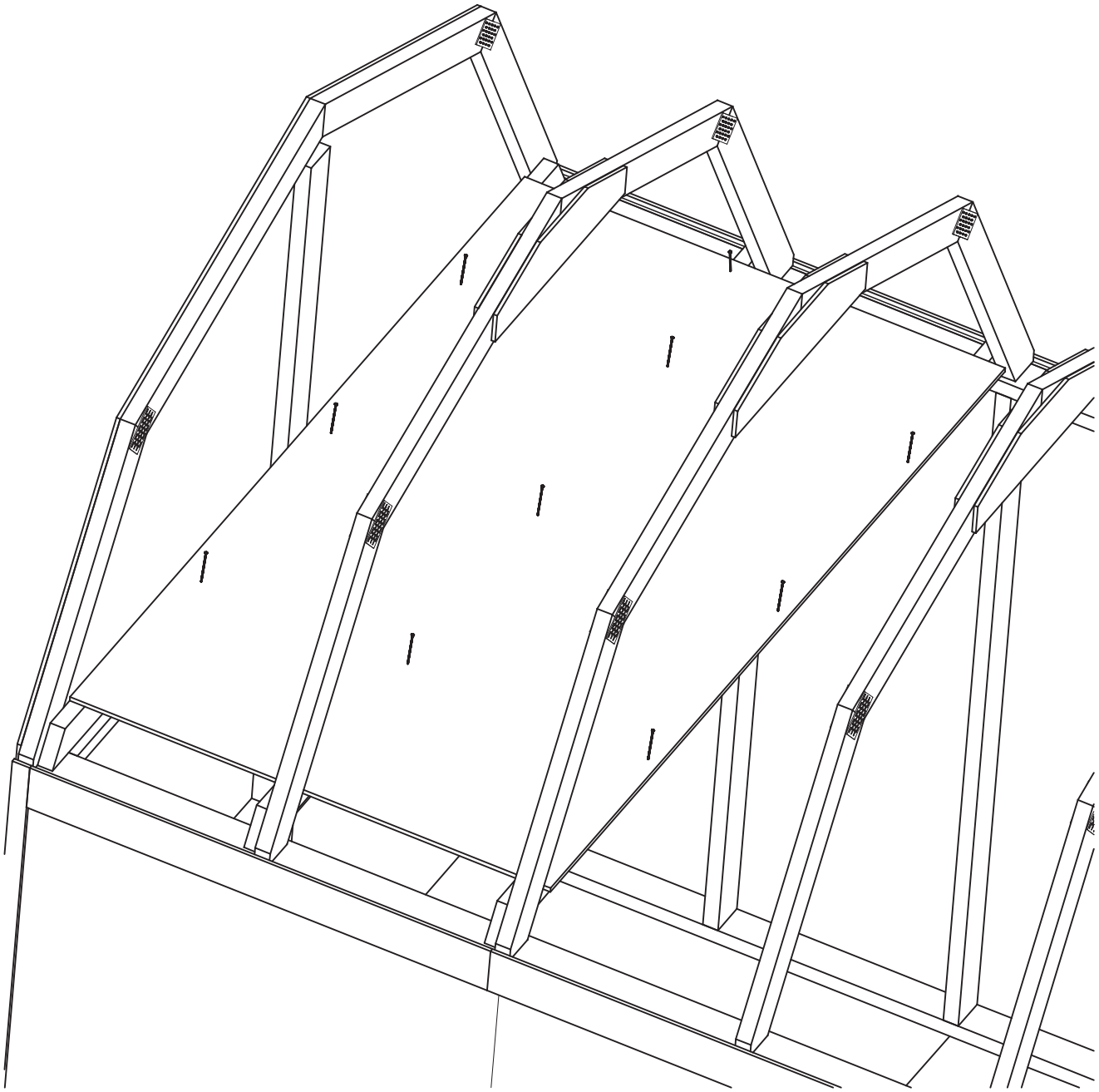
# LOFT

**Fasteners Required:**

X11 2" Nails

## ASSEMBLY STEPS / NOTES:

1. Complete Installation of loft panel using 2" nails spaced 24" apart.



# COLLAR TIES

**Parts Required:**

X1 2 x 4 x 72" TM

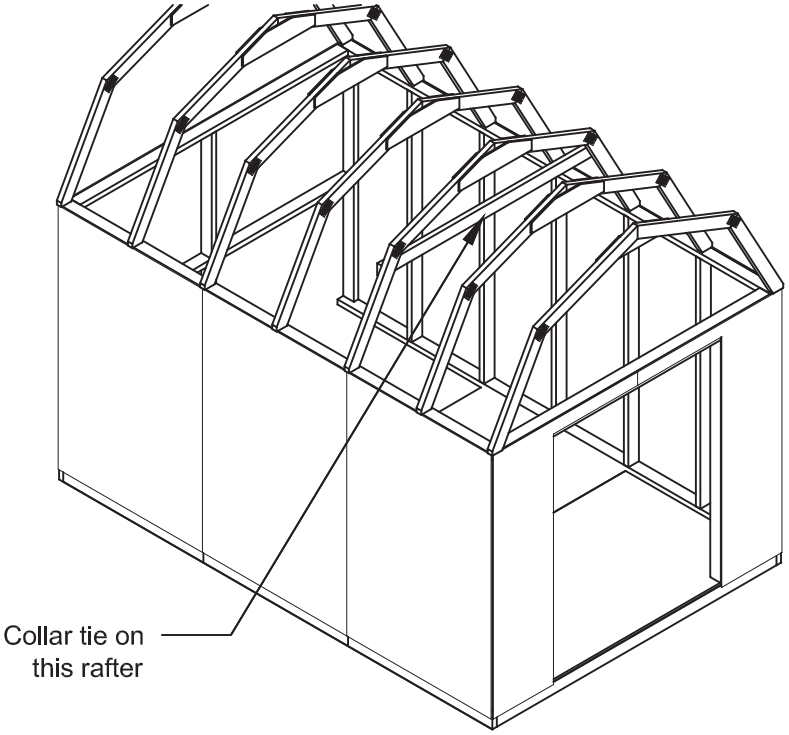
**Fasteners Required:**

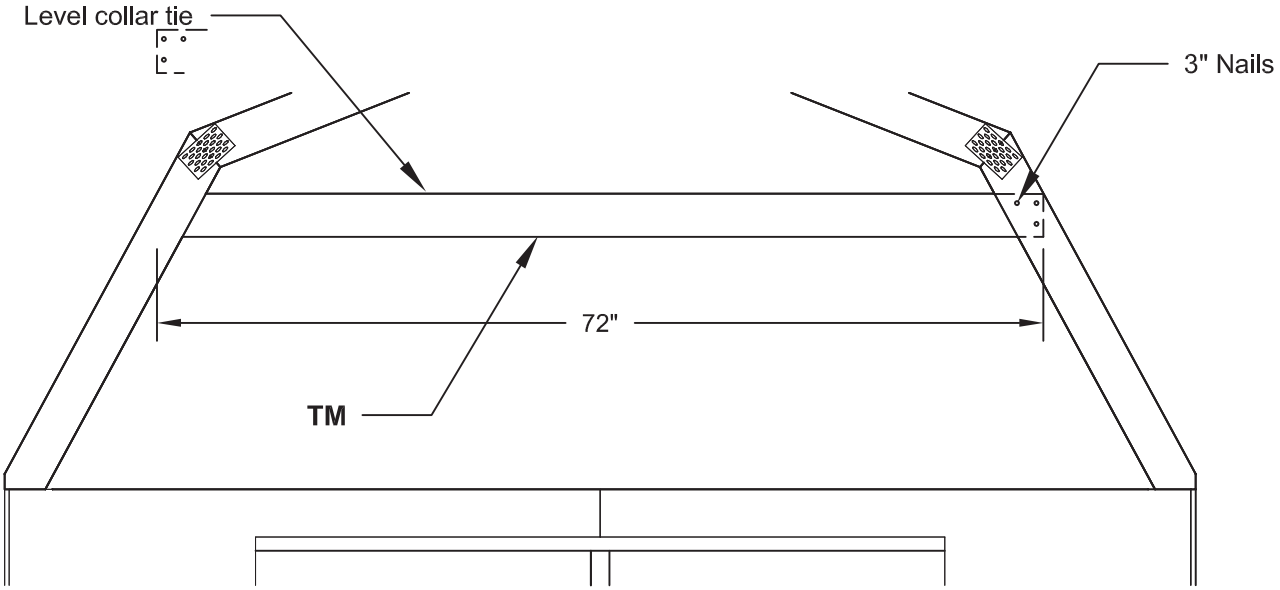
X6 3" Nails

## ASSEMBLY STEPS / NOTES:

1. Locate collar tie on the rafter shown.

2. Level and then nail using 2" nails.

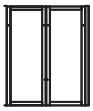


# DOORS

## Parts Required:

X1 Right Door
X1 Left Door



X1 2 x 3 x 69" **OO**




## Fasteners Required:

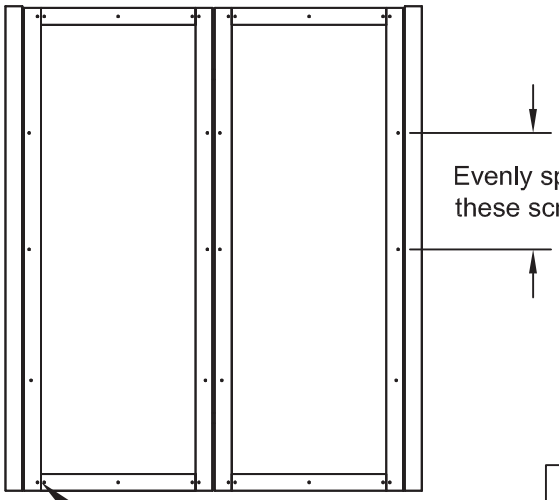
X4 3" Screws
X2 1-1/4" Screws
X32 ¾" Screws

## ASSEMBLY STEPS / NOTES:

1. Reinforce the doors using ¾" 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 ⅜" 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 securely.



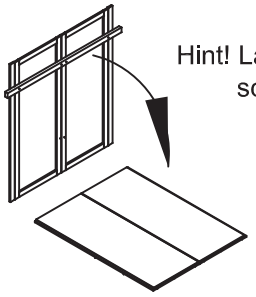
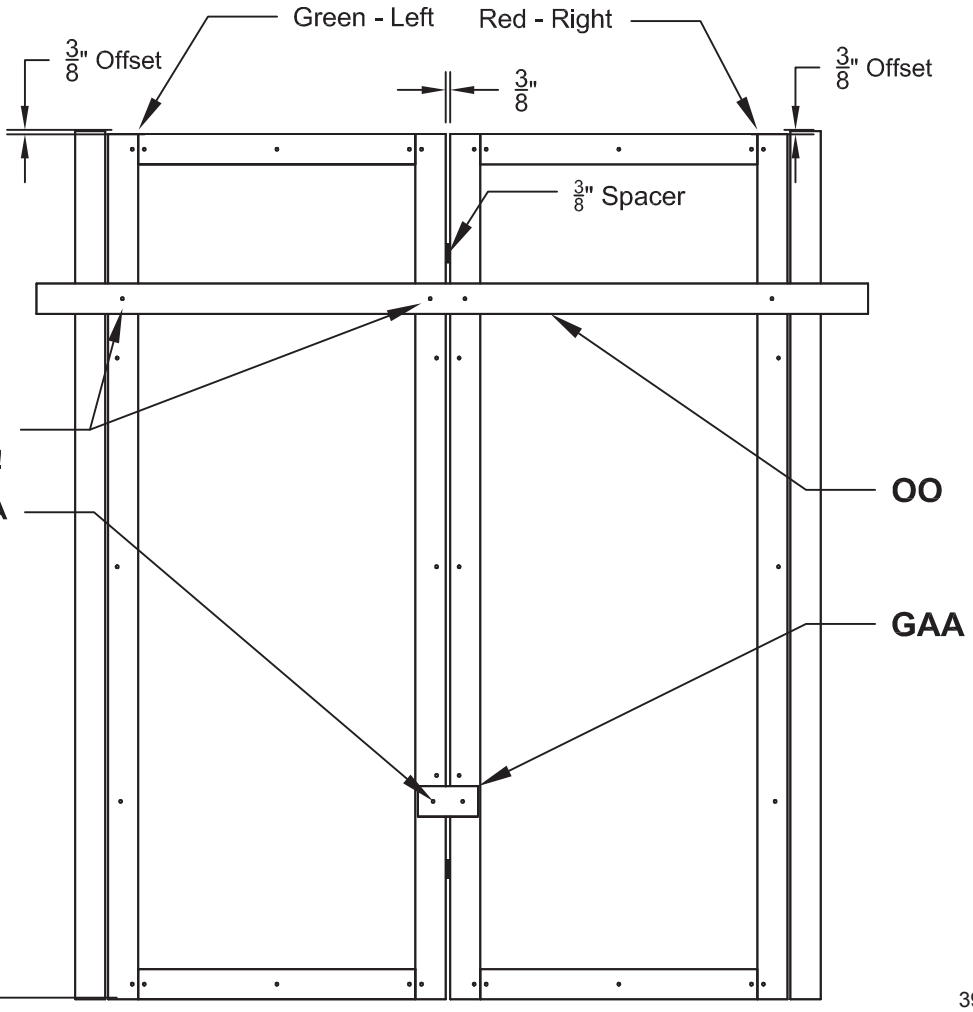




**Fig. A**

**Fig. B**

(2) Screws
at seams

**The ⅜" offset is the top of the door**



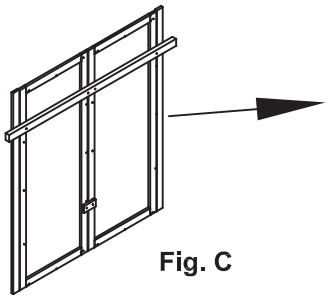



**Fig. C**

**Bottom of doors are flush**

# DOORS

## Parts Required:

| | | |
|---|---|---|
| X1 | $^{19}/_{32}$ x 2 ½ x 63" | **WR** |
| X1 | 2 x 3 x 69" | **OO** |
| X1 | Door Assembly | |

## Fasteners Required:

| | |
|---|---|
| X5 | 2" Finish Nails |
| X10 | 3" Screws |

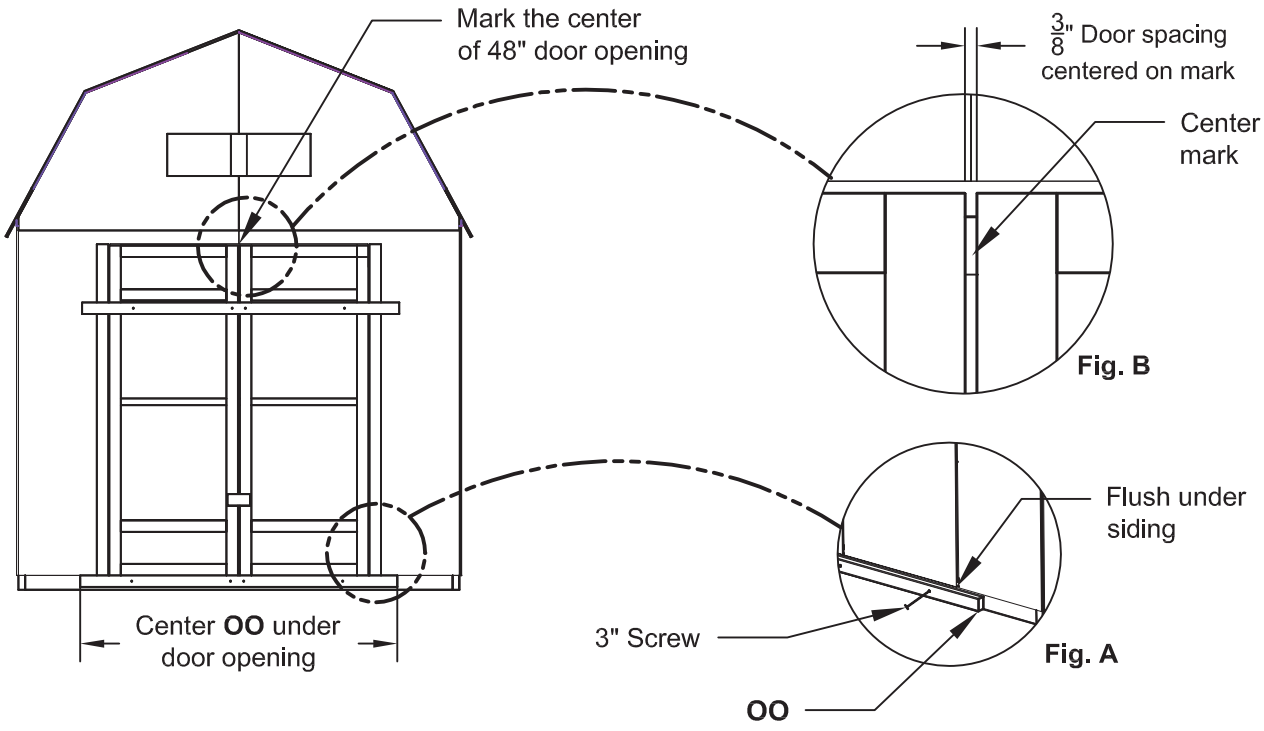
## ASSEMBLY STEPS / NOTES:

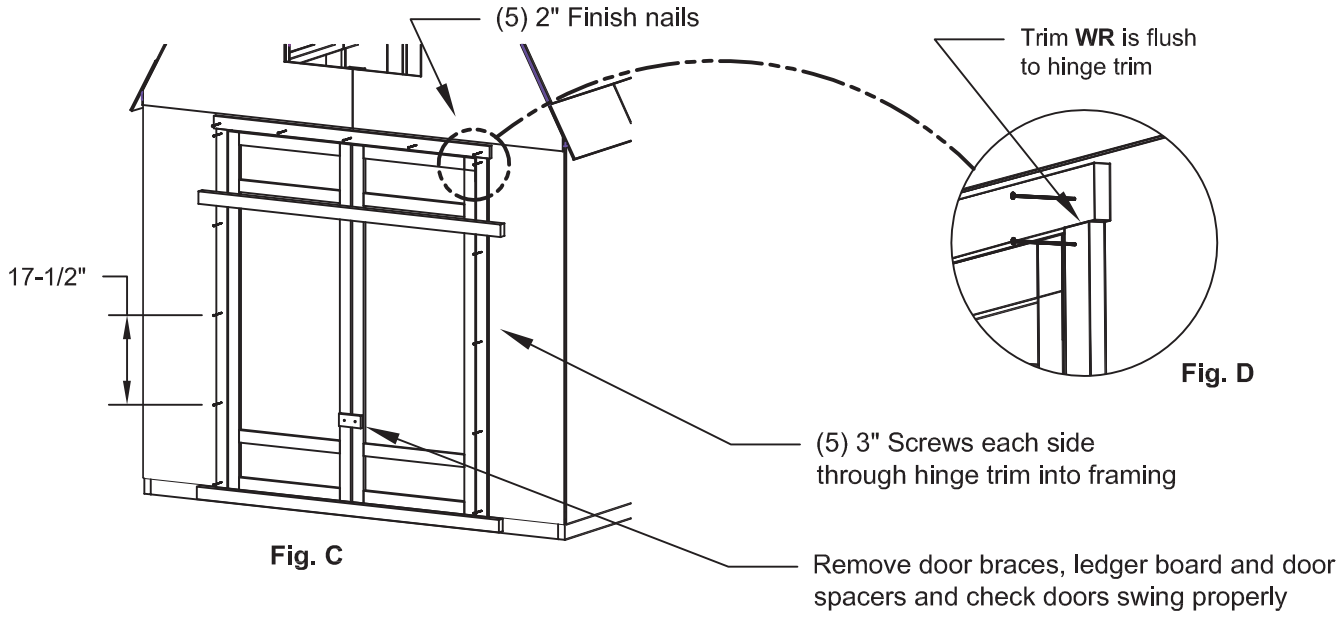
1. Mark the center of the 56" door opening. Then install **OO** flush under siding using two 3" screws (Fig. A). The doors will rest on **OO** for easier installation

2. Place the door assembly on **OO** with the ⅜" 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 (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" | **OO** |
| X4 | $^{19}/_{32}$ x 3 x 23" | **GI** |

**Fasteners Required:**

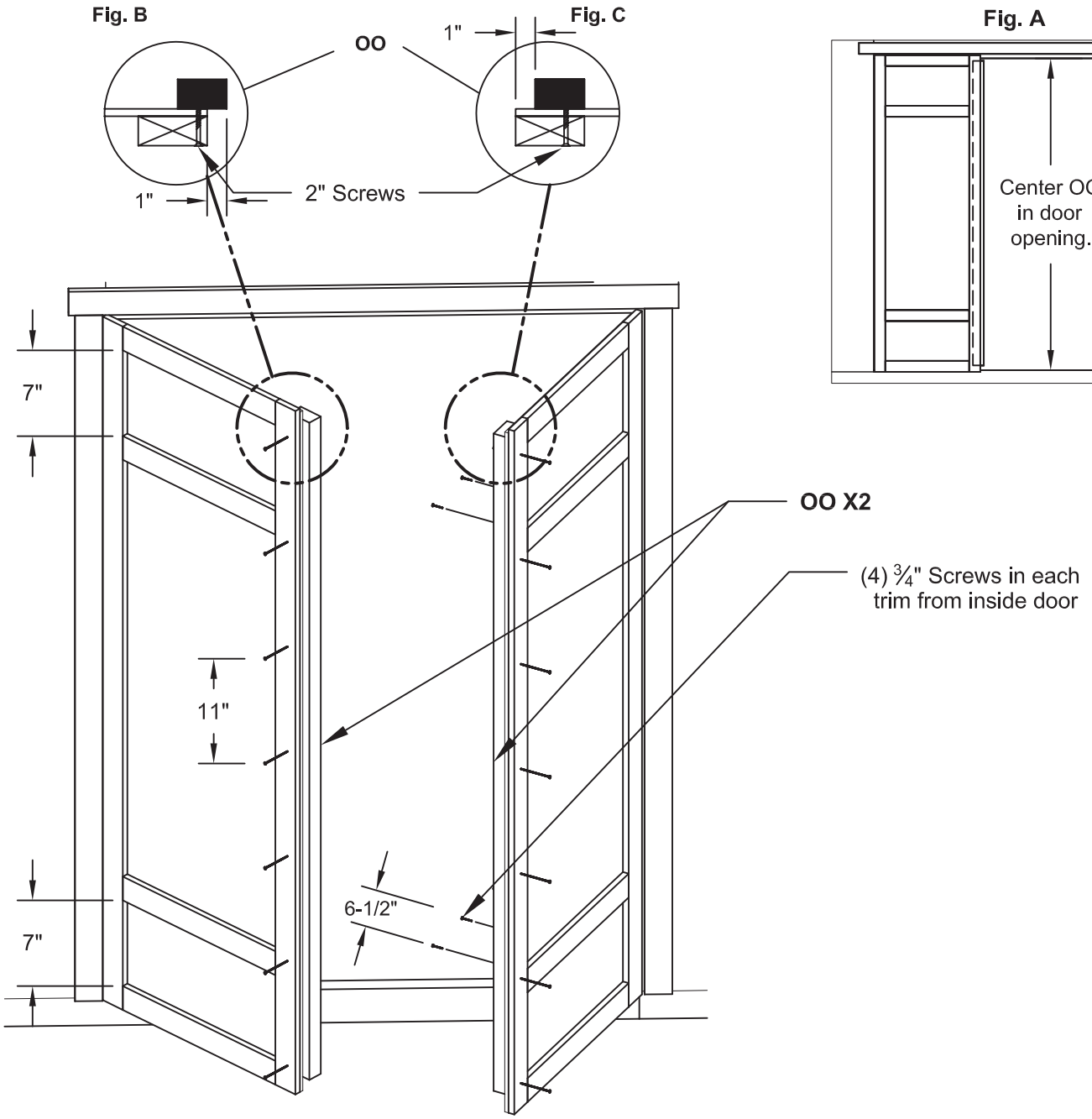
| | |
|---|---|
| X14 | 2" Screws |
| X16 | $^{3}/_{4}$" Screws |

## 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. Measure 7" from door trims and install trim **GI** from behind door using (4) $^{3}/_{4}$" screws in each trim.



# 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 3/8" 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).

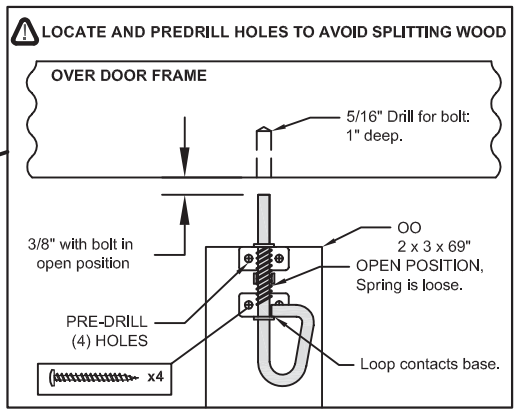



Fig. A

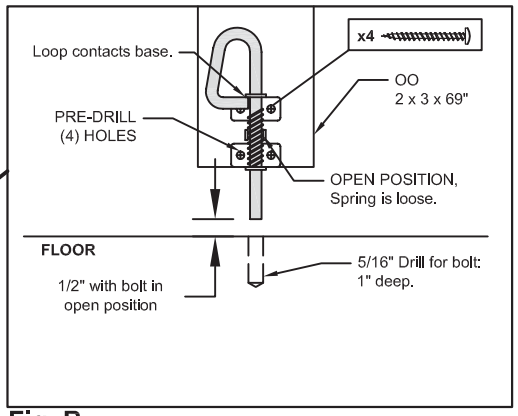
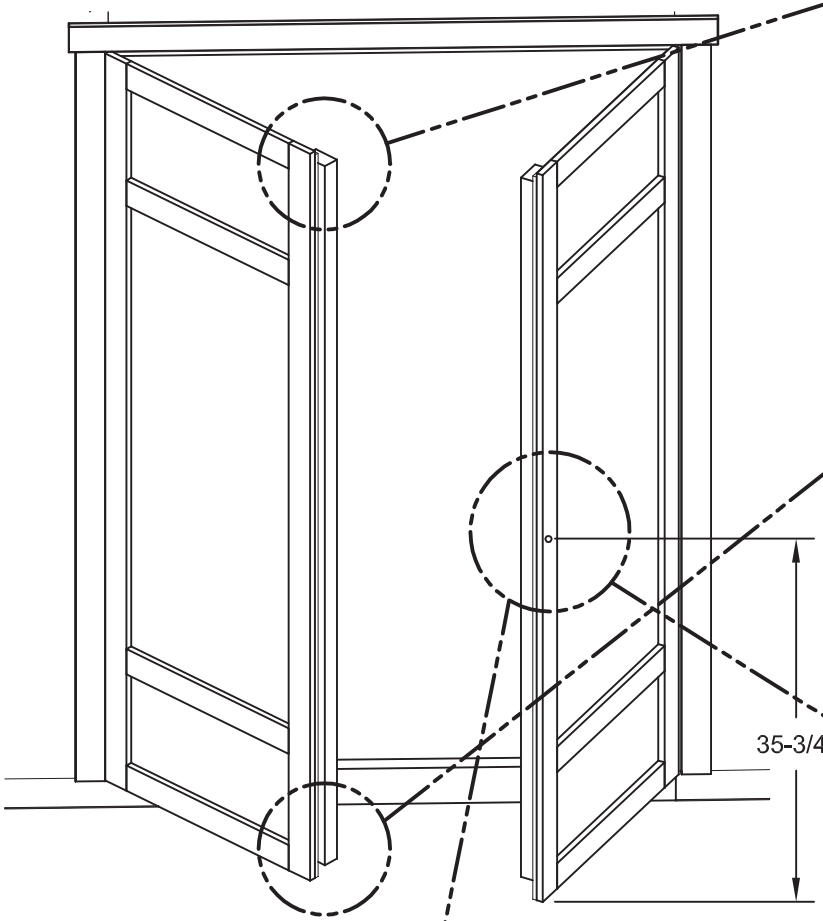



Fig. B



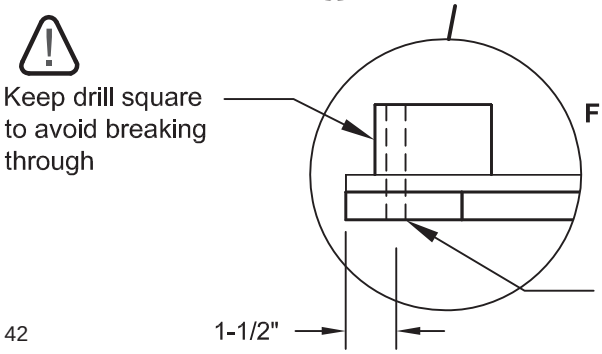




Fig. C

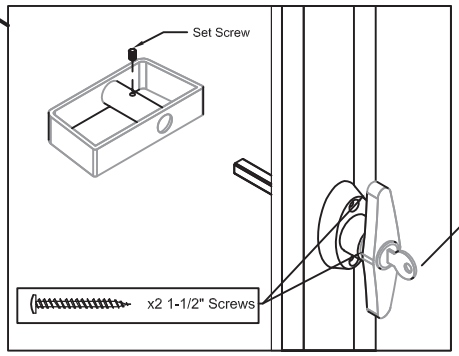



Fig. D

# CORNER TRIM

**Parts Required:**

X4 3/8 x 1-3/4 x 75"

X4 3/8 x 1-3/4 x 76-1/2"

**Fasteners Required:**

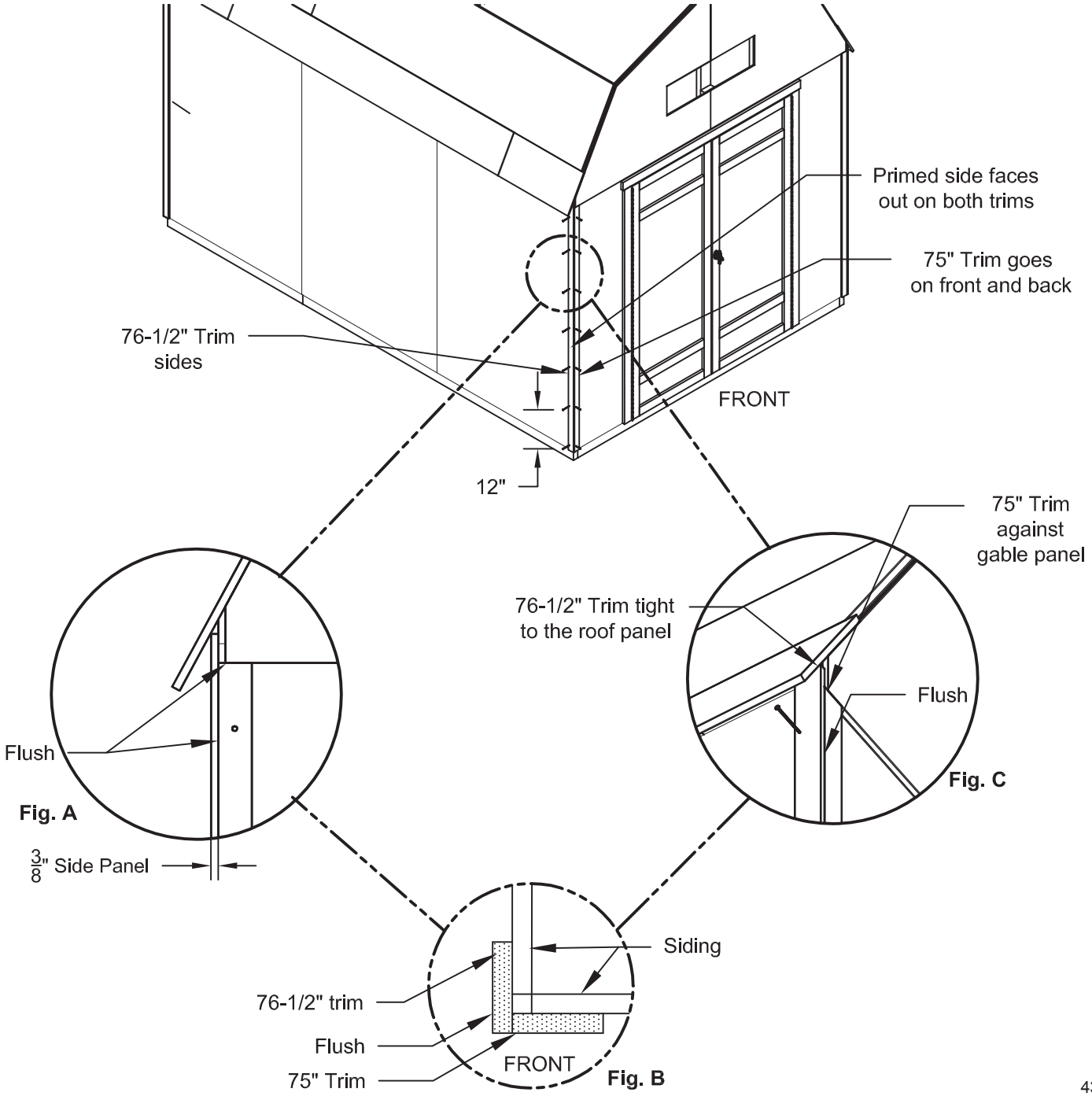
X56 2" Finish Nails

## ASSEMBLY STEPS / NOTES:

1. First - locate 75" trim on front wall flush to inside of the side wall panel (Fig A, B) and against gable panel (Fig. C) with primed side facing out. Install using 2" finish nails 12" apart.

2. Second - locate 76-1/2" trim flush to front 75" (Fig. B) trim and against the under side of roof panel (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.



# EAVE TRIM

**Parts Required:**

X2 3/8" x 4-1/2" x 96"

X2 3/8" x 4-1/2" x 46"

**Fasteners Required:**

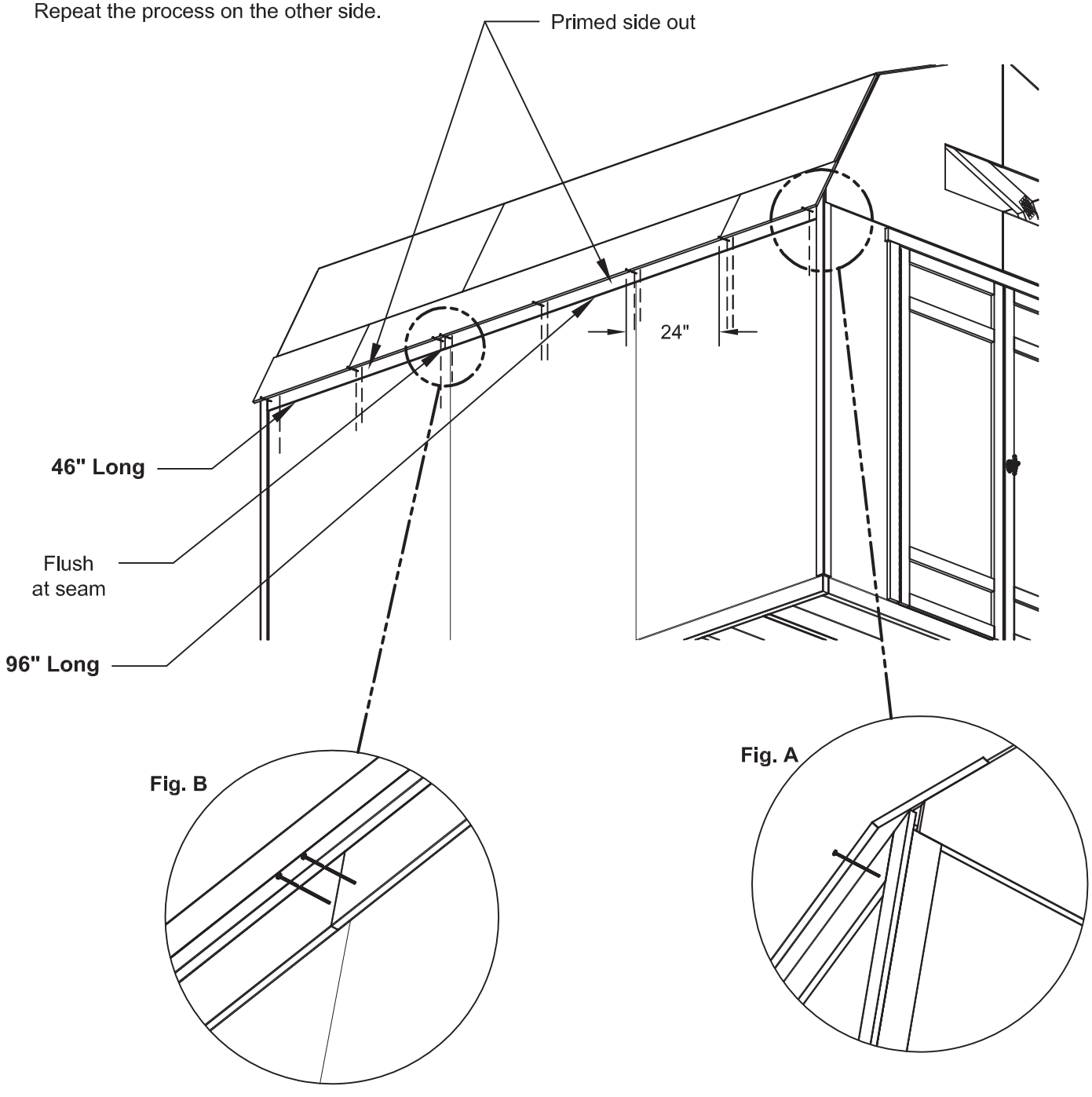
X16 2" Finish Nails

## ASSEMBLY STEPS / NOTES:

1. The 96" trim piece is nailed flush against the front corner trim tight and against the roof panel with 2" finish nails where there are studs **(Fig A)**. Primed side out.

2. The 46" trim piece is nailed between the 96" piece and the back corner trim with 2" finish nails where there are studs. Keep the trim flush at the seem **(Fig B)**. Primed side out

3. Repeat the process on the other side.



# TRIM

## Parts Required:

| | | | |
|---|---|---|---|
| X2 | 19/32 x 3 1/2 x 36 15/16" | ZLR | |
| X2 | 19/32 x 3 1/2 x 36 15/16" | ZLL | |
| X2 | 19/32 x 3 1/2 x 36 1/8" | ZIR | |
| X2 | 19/32 x 3 1/2 x 36 1/8" | ZIL | |
| X2 | 2 x 4 x 36 15/16" | SCA | Angled End |
| x2 | 2 X 4 X 36 1/8" | SDA | Angled End |

## Fasteners Required:

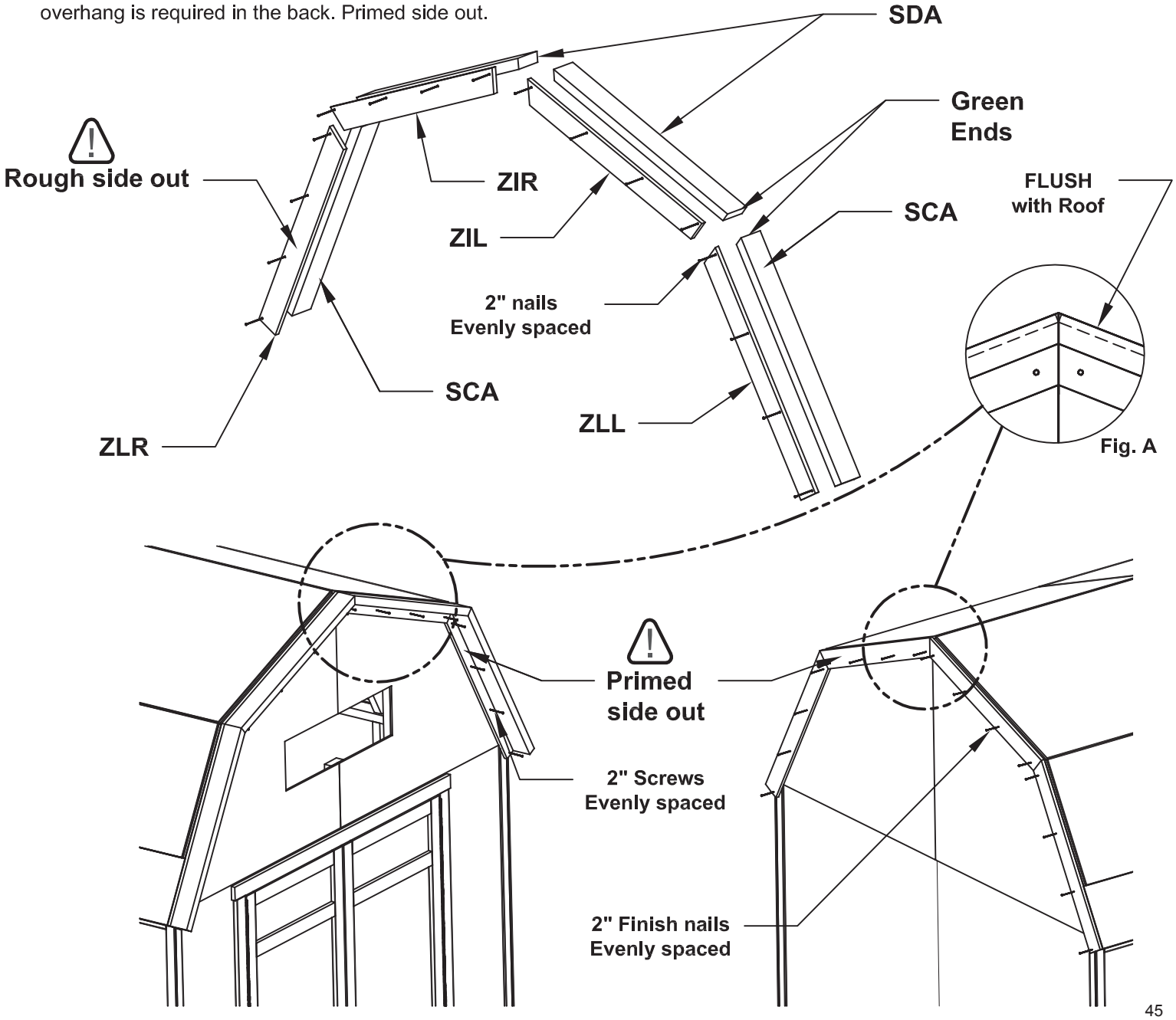
| | |
|---|---|
| X16 | 2" Nails |
| X16 | 2" Screws |
| X16 | 2" Finish Nails |

## ASSEMBLY STEPS / NOTES:

1. Nail gable trim **(ZLR, ZIR, ZIL, and ZLL)** to gable overhang **(SCA, SDA)** as shown below with 2" nails. The nails will be going throught the rough side of the trim pieces so the primed side will be facing out when hung on the shed.

2. Screw the gable assembly pieces to the front of the shed with 2" screws. Flush each piece with the roof panels (Fig A).

3. Nail the rear gable trim pieces to the back of the shed flush with the roof panels (Fig A) using 2" finish nails. No overhang is required in the back. Primed side out.



# WINDOWS

## Parts Required:

| | | |
|---|---|---|
| X2 | $^{19}/_{32}$ x 2-1/2 x 36-3/4" | **WA** |
| X2 | $^{19}/_{32}$ x 2-1/2 x 9" | **EY** |
| X1 | Windows | |

## Fasteners Required:

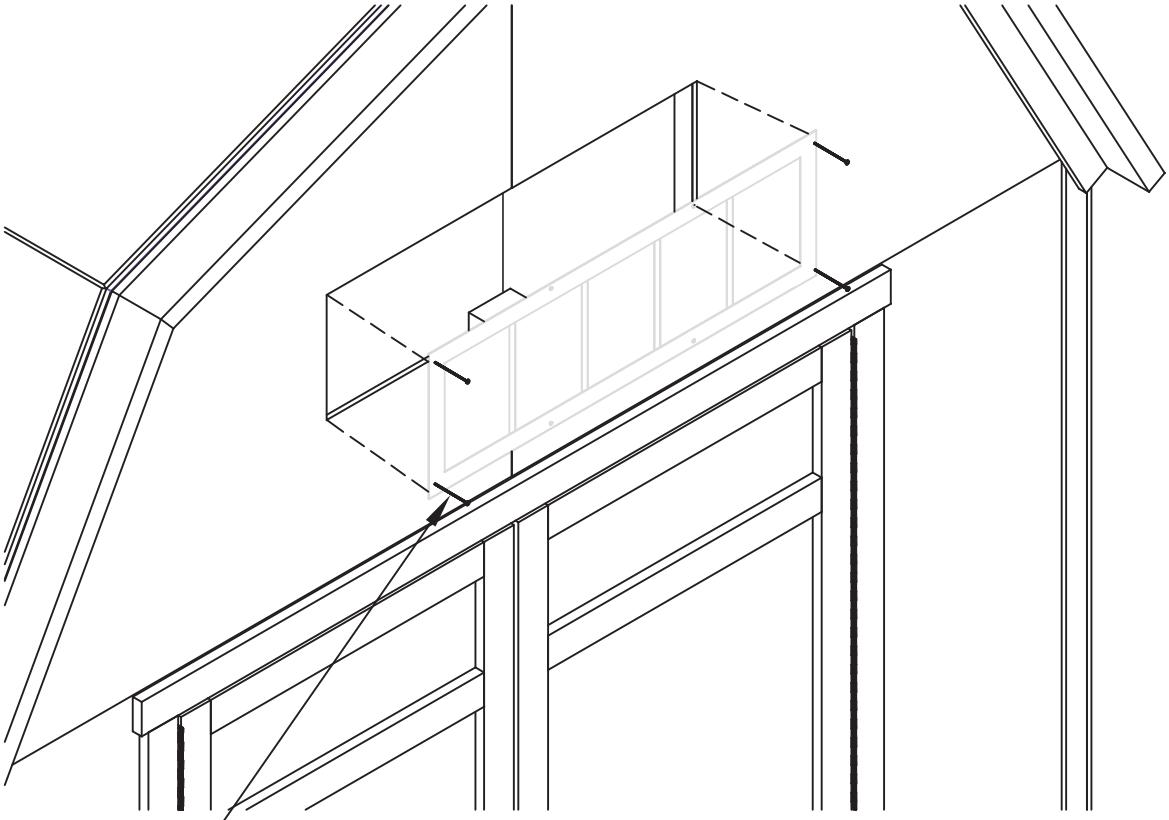
| | |
|---|---|
| X4 | 1-1/4" Screws |
| X12 | 2" Finish Nails |

## ASSEMBLY STEPS / NOTES:

1. Locate window centered in the opening. Secure using four 1-1/4" screws - one in each corner (Fig. A).

2. Locate trim pieces **WA** and **EY** centered on window frame (Fig. B). Secure with 2" finish nails into window framing.

3. Repeat process to install the second window and trim.



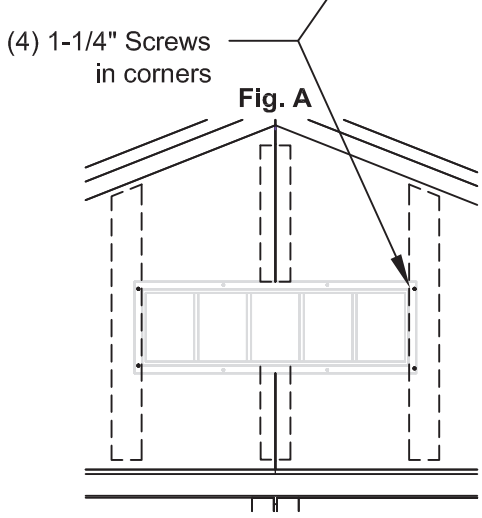



Fig. A

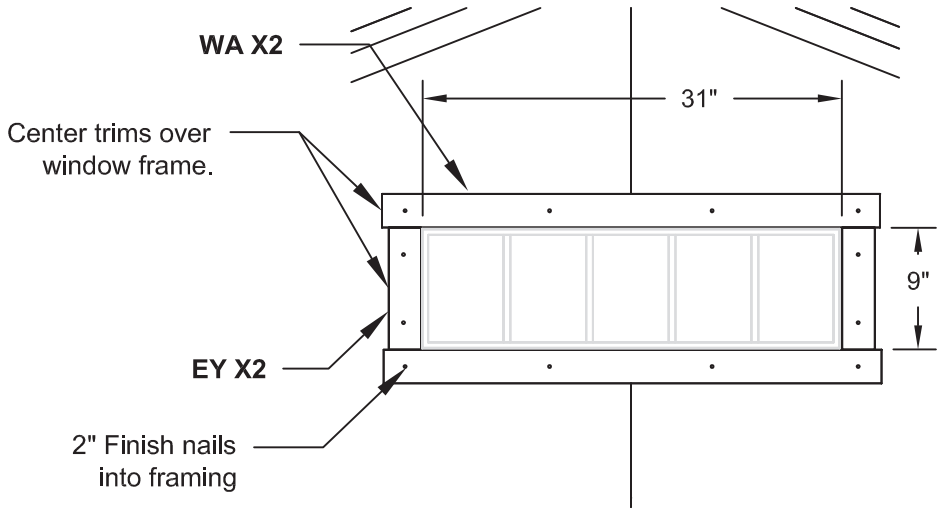
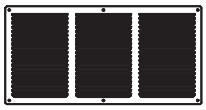



Fig. B

# VENTS

**Parts Required:**

X2 Vents



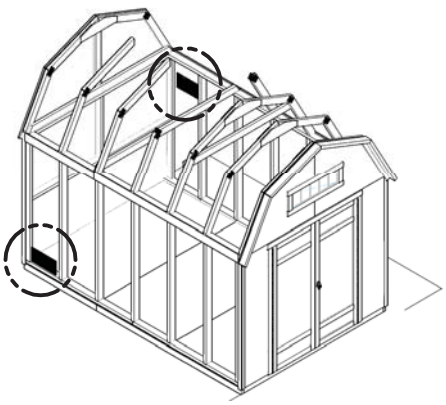
**Fasteners Required:**

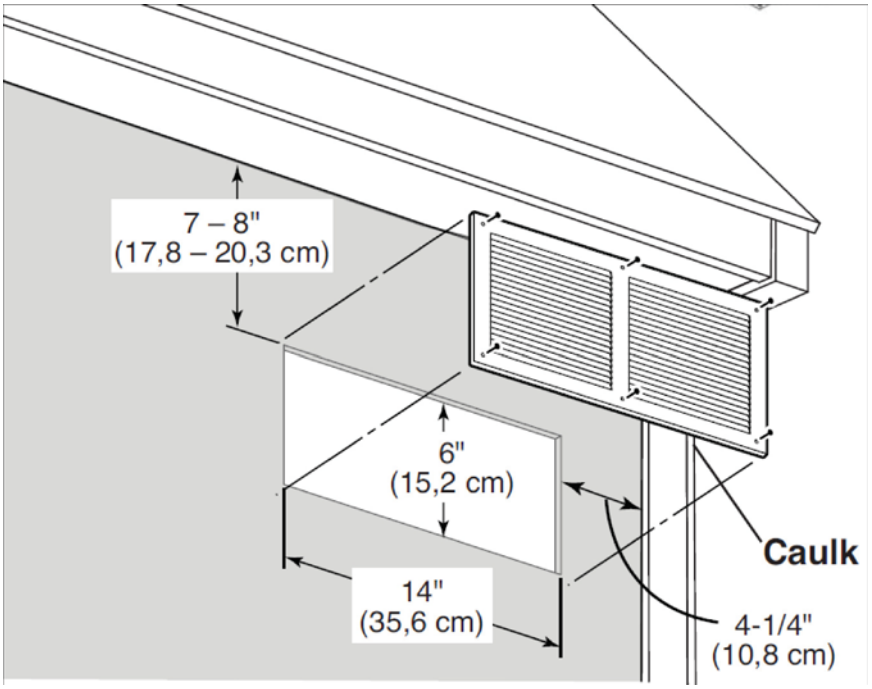
X12 1/2" Scerws

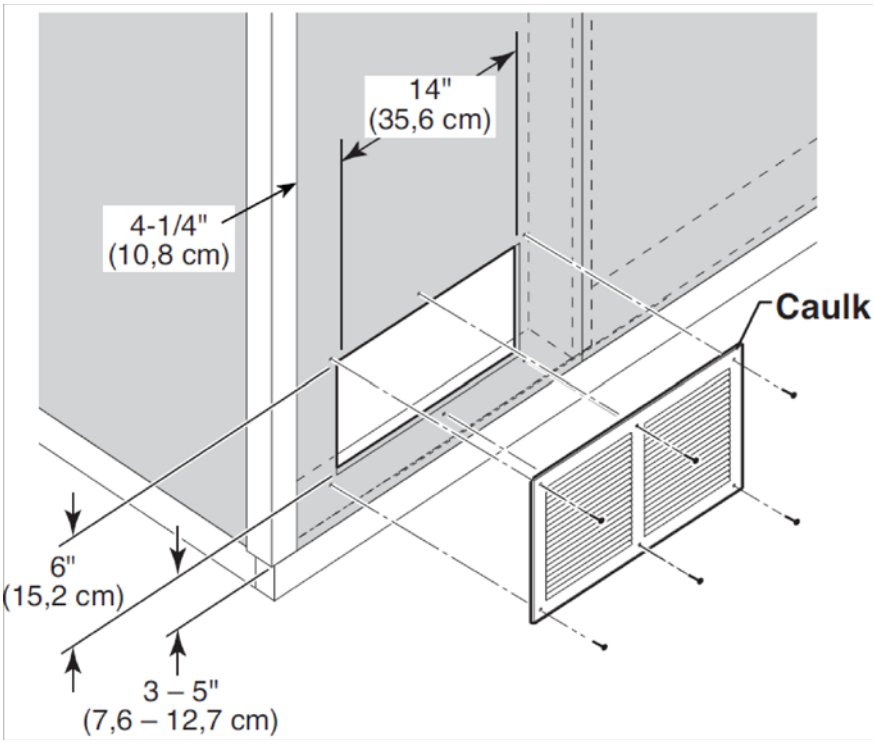
## ASSEMBLY STEPS / NOTES:

1. Locate and mark for two vents in side walls as shown. (1) at top and (1) at bottom. Cut out the marked openings.

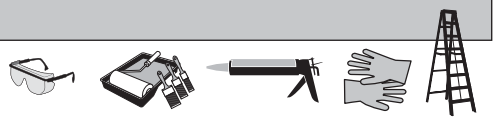
2. Caulk behind vent flanges. Secure using 1/2" screws.





## *PAINT & CAULK*
- NOT INCLUDED -



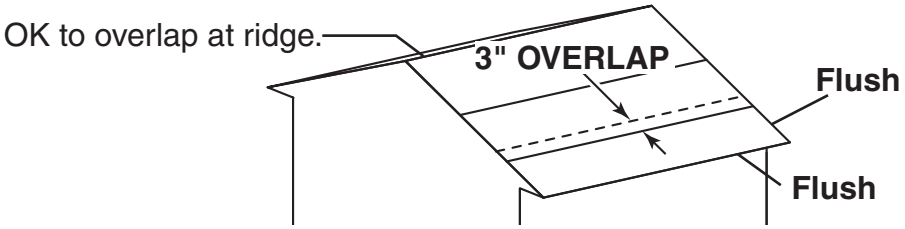
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.

- 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

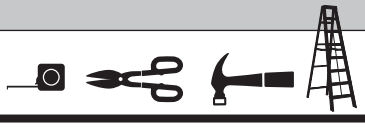
**Note:**
Prime all un-primed exterior wood before painting. (Follow directions provided by manufacturer.)

## *ROOF FELT*
- NOT INCLUDED -

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




## *DRIP EDGE*
- NOT INCLUDED -



- Install over roof felt 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.

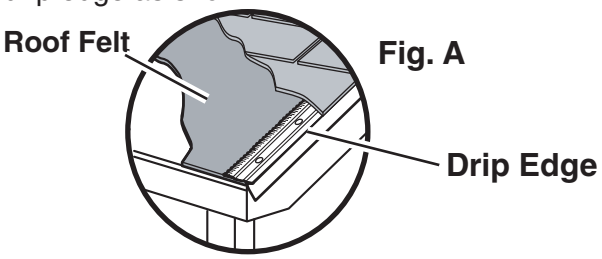
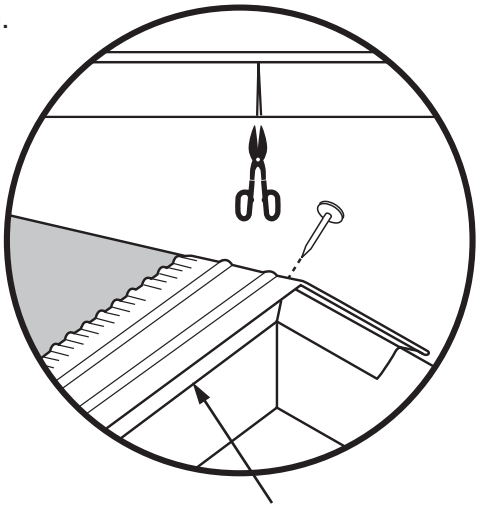



**Fig. A**





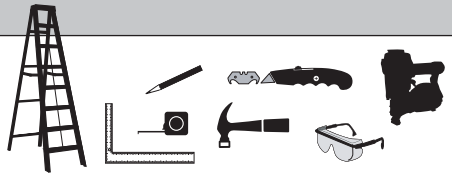
**Edge flush to trim.**

Snip bottom side of drip edge and bend over to other side of roof.

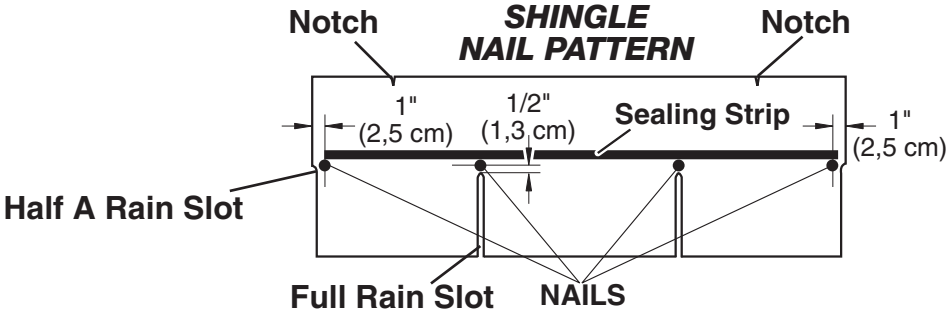
(Follow directions provided by manufacturer.)

# *SHINGLES*
- NOT INCLUDED -

**• Follow directions provided by manufacturer and these instructions.**



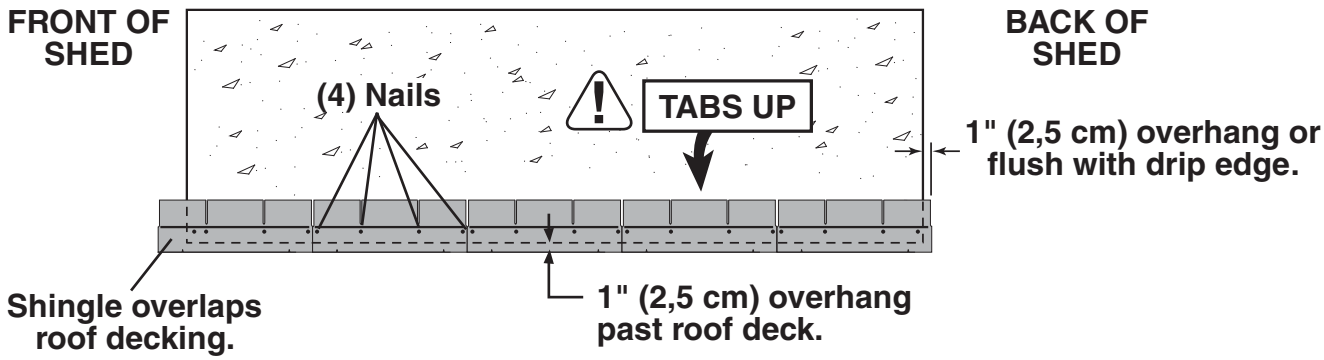
**⚠ Familiarize yourself with a 3-Tab Shingle.**



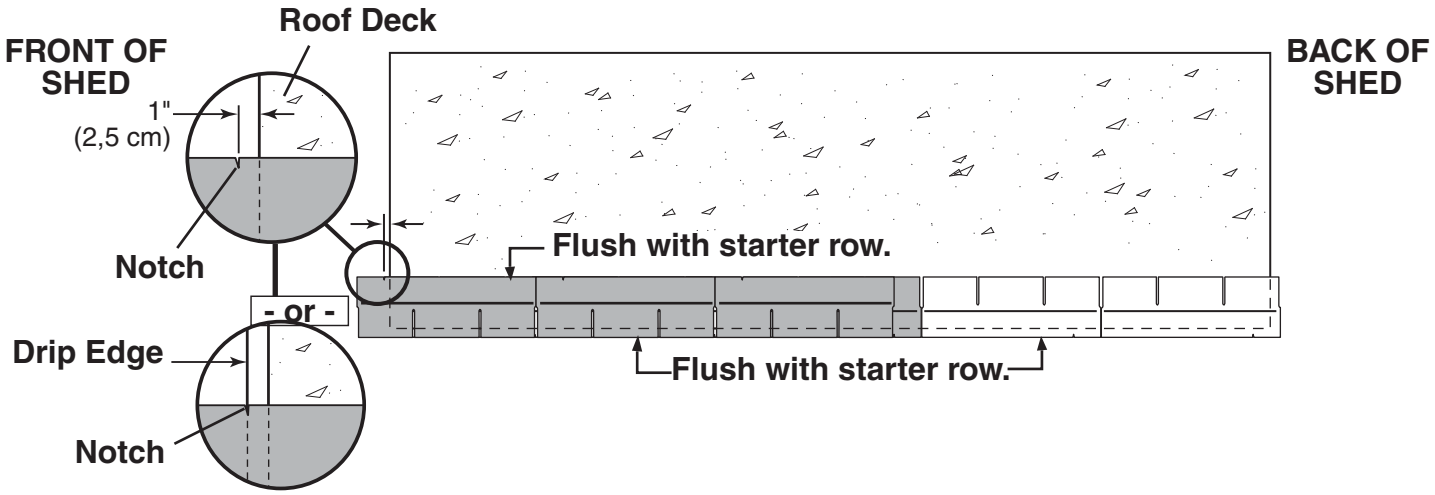

**⚠ NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

**✓BEGIN**

**1** 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 to drip edge.

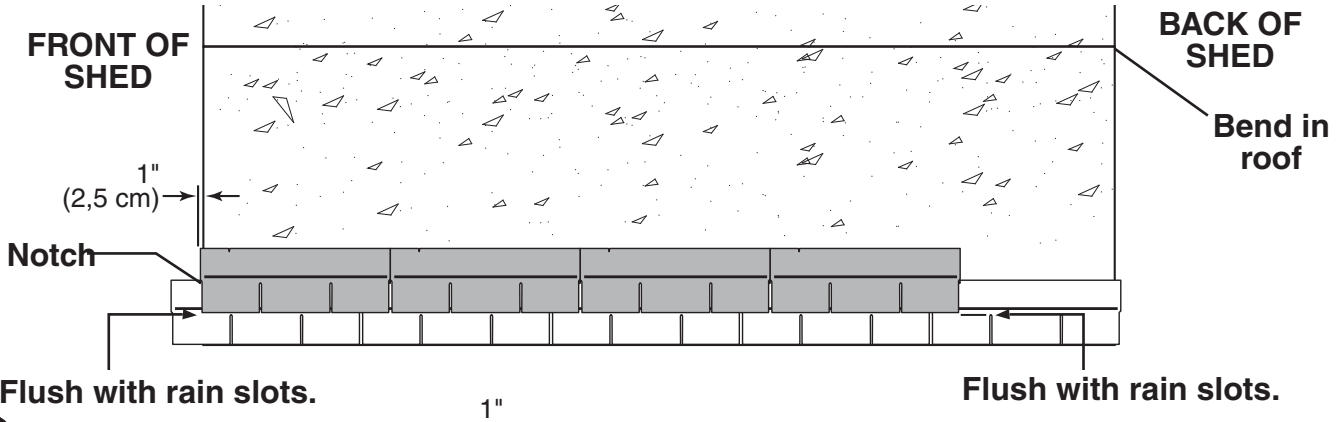



**2** Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.

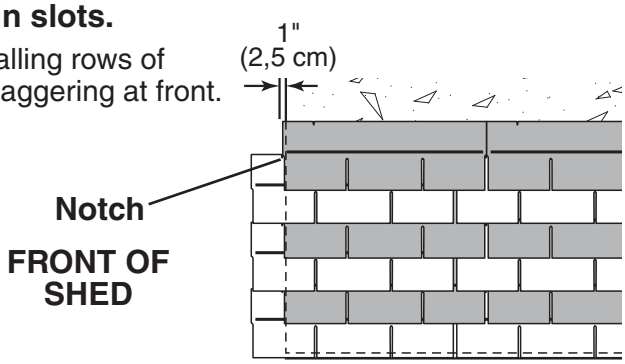


## *SHINGLES*
continued...

**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.



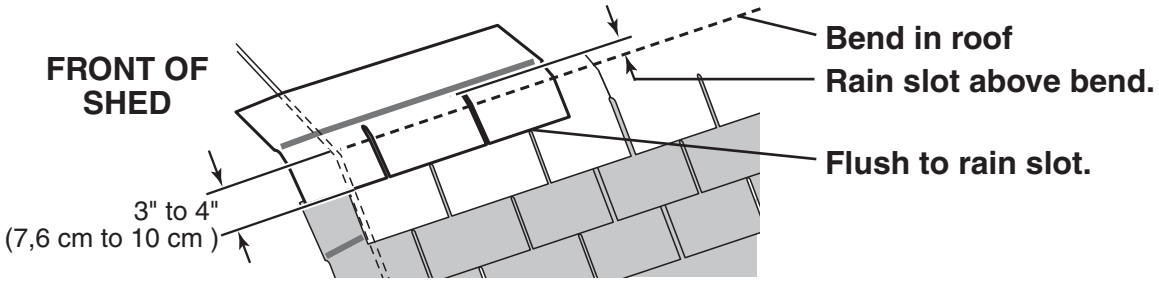

**4** Continue installing rows of shingles by staggering at front.




**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.

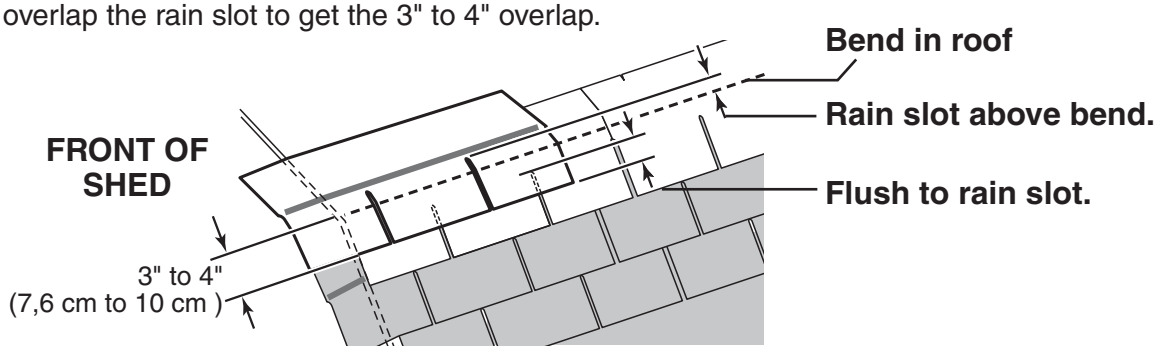
Look for either of the following:

- 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 shingle down over the bend.




**- OR -**

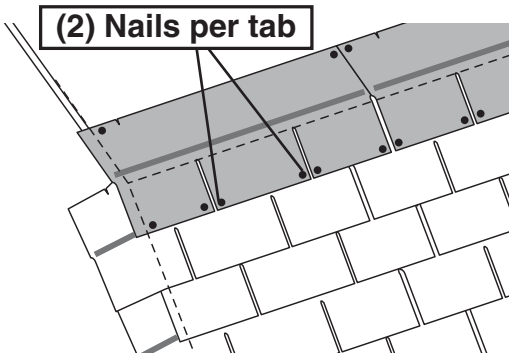
- If the rain slot of the shingle installed over the bend is BELOW the bend, install the shingle over the bend and overlap the rain slot to get the 3" to 4" overlap.



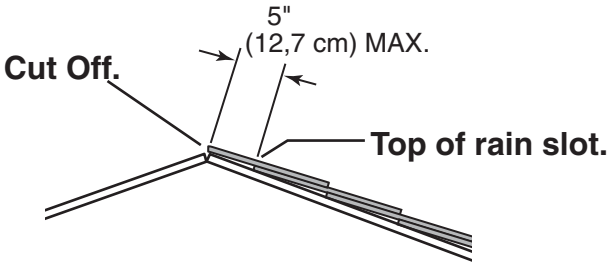

⚠ The shingle OVER the bend must be installed with a 3" to 4" overlap **AND** the rain slot above the bend.

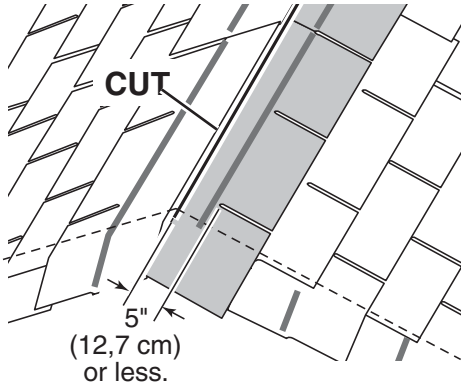
## *SHINGLES*
continued...

**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.



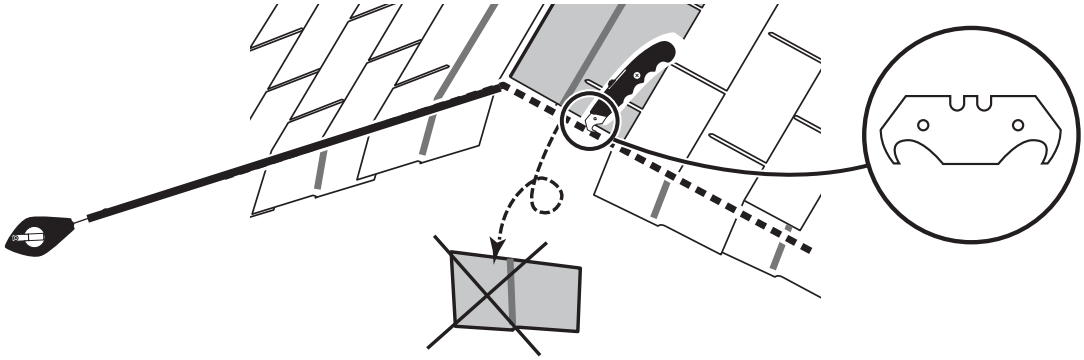




⚠ **• If more than 5" to rain slot you must install another row of shingles.**

**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 edge.

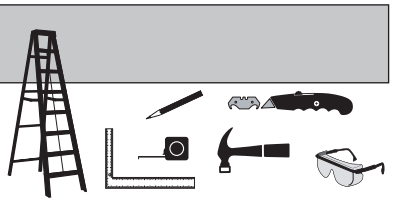
**10** Using your shingle hooked blade carefully cut shingles along chalk line.



FINISH

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

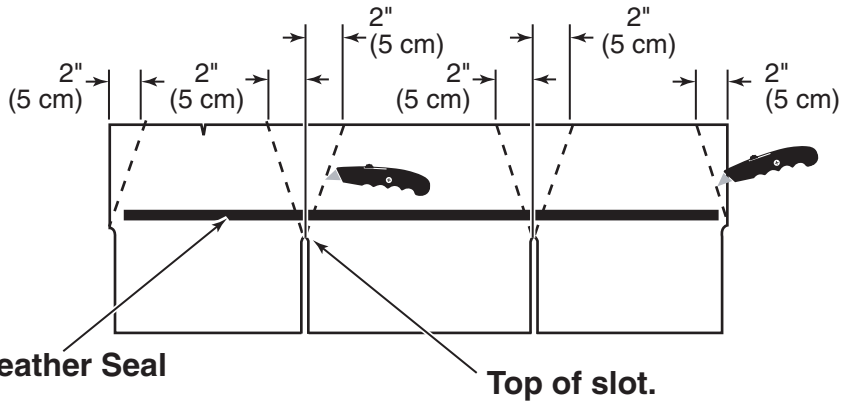
# SHINGLES - RIDGE CAP



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

✓BEGIN

**1** Cut shingles into THREE pieces. **Hint:** Use cut-off pieces first.

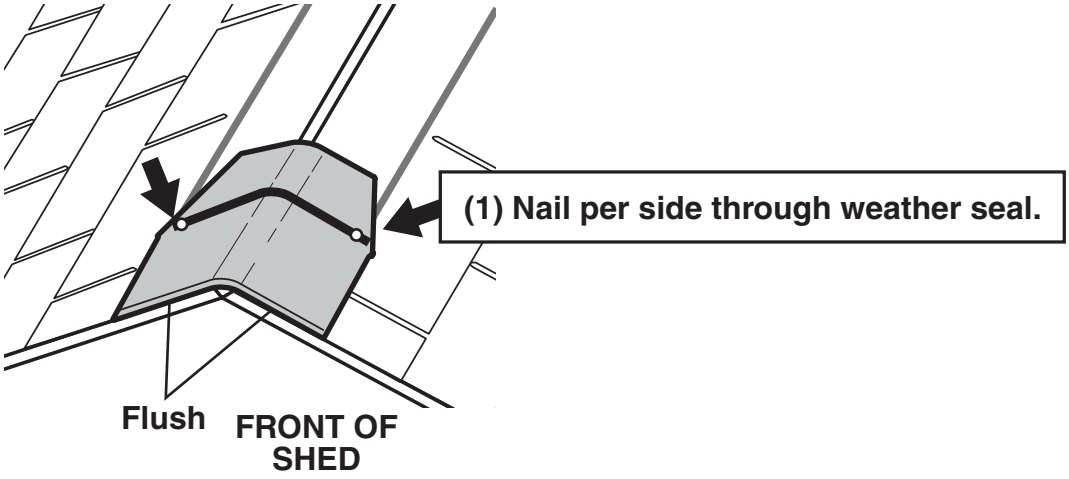



**Score shingle, then snap-off angled cut.**

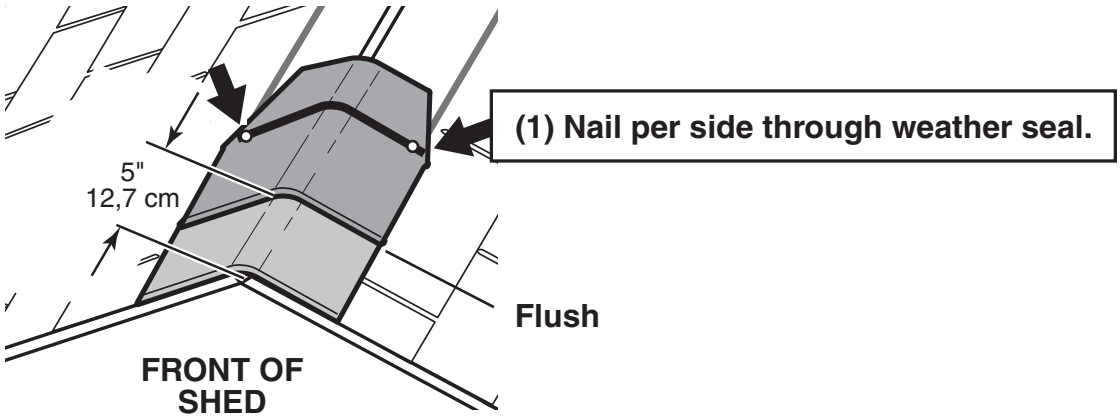
**Note:** • You will need about 20 - 22 cut pieces.




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

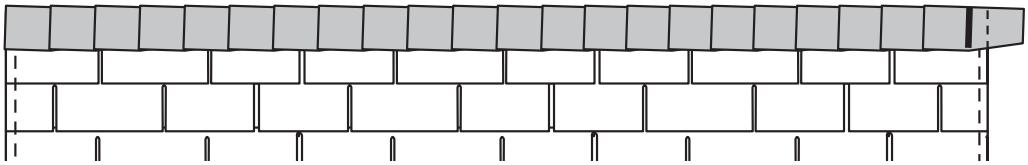



**3** Install second ridge cap 5" back, as shown.

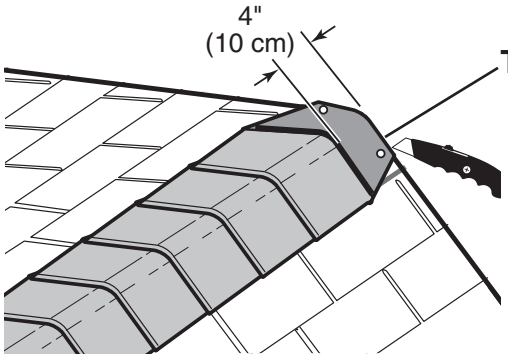


# *SHINGLES - RIDGE CAP*
continued...

**4** Continue installing ridge cap to back of roof.



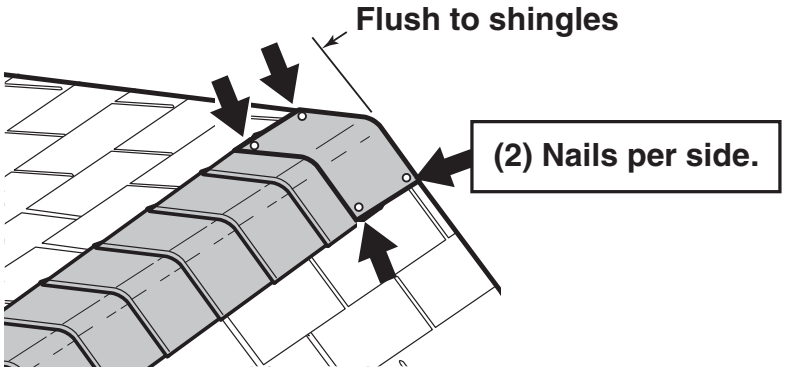
**5** Make sure there is 4" between the shingle-color and edge of shingles.




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




**7** Install flush to shingles.




FINISH

**8** You have finished your ridge cap.

**WARRANTY**

**Limited Conditional 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 15 years.
4. Waferboard siding and sheathing is warranted for two years.
5. SmartSide™ siding is warranted for 15 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.

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.**