

**16942-A**



# STOP

## DO NOT RETURN TO THE STORE!

If you discover missing or damaged parts, or if you have questions about the building process, please reach out to us directly for the fastest service.

### 24/7 Support

[help.backyardproducts.com](http://help.backyardproducts.com)



- Answers to frequently asked questions
- Technical assistance and how-to videos
- Submit a help request
- Request replacement parts

### Business Hours

**(734) 242-6900**

Monday - Friday ..... 8:00am - 6:00pm EST  
Saturday - Sunday ..... Closed



Did you enjoy building your shed?

## JOIN OUR TEAM

AND MAKE UP TO \$1,500/WEEK\*

**Call a Recruiter Today! 734-365-7000**



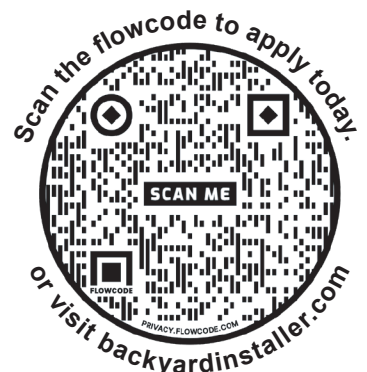
Flexible schedule



No selling,  
just building



Bonus incentives  
available



\*based on number of completed installations

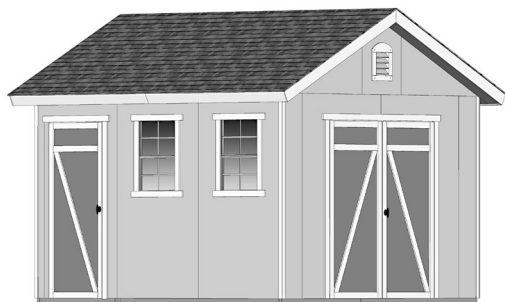
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# ASSEMBLY MANUAL

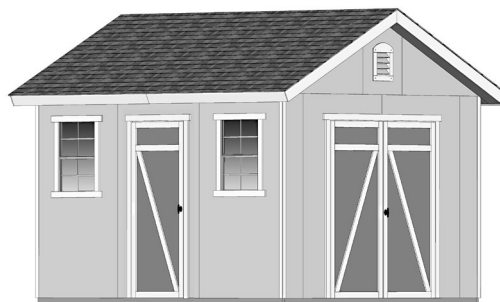
**GABLE 10' x 12' (304,8 x 365,8 cm)**

**ACTUAL FLOOR SIZE IS 120" x 144" (304,8 x 365,8 cm)**

**KEEP THIS MANUAL FOR FUTURE REFERENCE**



**OPTION 1 and 2:**  
Door at back of shed.



**OPTION 3 and 4:**  
Door centered.



**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 12.

### • **CHECK ALL PARTS**

Inventory all parts listed on pages 4-6.

### • **ADDITIONAL MATERIALS**

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



**\*\*\*CONTACT OUR CUSTOMER SERVICE TEAM  
IF ANY PARTS ARE MISSING OR DAMAGED\*\*\***







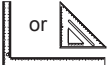










**- Order form and warranty at back of manual -**

**Call: 1-734-242-6900 email: [customerservice@backyardproducts.com](mailto:customerservice@backyardproducts.com)**






## TOOLS

### Required

- ☐ Phillips Screwdriver 
- ☐ Drill / Driver 
  - ☐ 1/8" Drill Bit
  - ☐ 1/4" Drill Bit
  - ☐ 5/16" Drill Bit
  - ☐ 1/2" Drill Bit
  - ☐ #2 Phillips Drive Bit
- ☐ Hammer 
- ☐ Level 
- ☐ Pencil 
- ☐ Tape Measure 
- ☐ Square  or 

- ☐ Utility Knife 
- ☐ Shingle Blades 
- ☐ Caulk Gun 
- ☐ Paint Tools 
- ☐ Safety Glasses 
- ☐ Hand Saw 
- ☐ Ladder 

### Optional

- ☐ Tool Belt/ Nail Pouch 
- ☐ Tin Snips (for drip edge) 
- ☐ Chalk Line 
- ☐ Nail Gun 
  - gun nails
- ☐ Gloves 

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.



= Beginning of steps for assembly or installation.



= You have finished the assembly or installation.

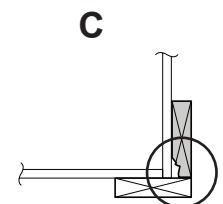
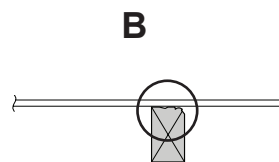
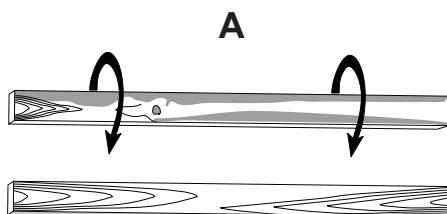


= Level

## 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.)



## ADDITIONAL MATERIALS

## FOUNDATION OR FLOOR MATERIALS

***If your purchase comes with a floor system,  
the materials to construct your floor will be in separate kit(s).***

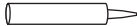
- See the FLOOR LEVELING section on page 12 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

## COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES** ..... 7 Bundles

☐ **PAINT FOR SIDING** ..... 3 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**.... 4 Lbs  
For shingles.

☐ **PAINT FOR TRIM** ..... 2 Quarts  
Use 100% acrylic latex exterior paint.

## OPTIONAL MATERIALS

☐ **DRIP EDGE** ..... 60 Feet

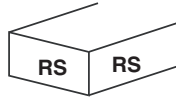
☐ **#15 ROOFING FELT**  
To cover 197 sq. ft. of roof area.

☐ **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 letters are stamped on some parts.



Check these locations for part stamp.

### WOOD SIZE CONVERSION CHART

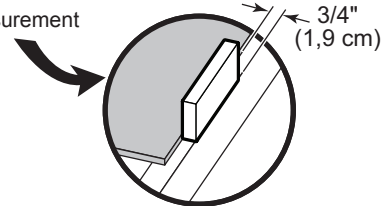
Nominal Board Size	Actual Size
2 x 4	1-1/2" x 3-1/2" (3,8 x 8,9 cm)
1 x 4	3/4" x 3-1/2" (1,9 x 8,9 cm)
2 x 3	1-1/2" x 2-1/2" (3,8 x 6,3 cm)
1 x 3	3/4" x 2-1/2" (3,8 x 6,3 cm)

## PARTS LIST



**INVENTORY YOUR PARTS before you begin.**

**We suggest sorting parts by the category they are listed in.**



### WALLS

- ☐ **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
- ☐ **x6** **UY** 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm)
- ☐ **x4** **AO** 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)
- ☐ **x4** **UV** 2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)
- ☐ **x2** **RL** 2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- ☐ **x2** **KHA** 2 x 4 x 24-1/2" (5,1 x 10,2 x 62,2 cm)
- ☐ **x1** 7/16" x 3-3/16" x 34-3/4" (1,1 x 8 x 88,2 cm) **OSB**
- ☐ **x2** **QT** 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)
- ☐ **x1** **QS** 2 x 4 x 32-1/2" (5,1 x 10,2 x 82,5 cm)
- ☐ **x2** **SP** 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ **x4** **STL** 2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)
- ☐ **x1** 7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 169,5 cm) **OSB**
- ☐ **x2** **AM** 2 x 4 x 67" (5,1 x 10,3 x 170,2 cm)
- ☐ **x6** **YFA** 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ **x4** **TM** 2 x 4 x 72" (5,1 x 10,2 x 182,8 cm)
- ☐ **x29** **AI** 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ **x1** **CGA** 2 x 4 x 80-1/2" (5,1 x 10,2 x 204,4 cm)
- ☐ **x2** **TJ** 2 x 4 x 92-1/2" (5,1 x 10,2 x 234,9 cm)
- ☐ **x4** **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

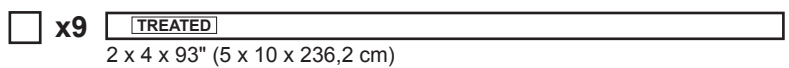
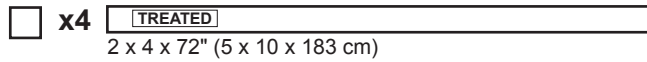
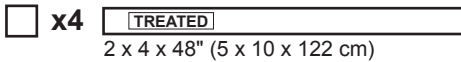
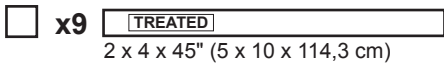
### RAFTERS

- ☐ **x12** 6 x 24" (15,2 x 61 cm) **OSB OR WOOD GRAIN** ⚠
- ☐ **x12** **CLA** 2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)
- ☐ **x2** **HJ** 1 x 3 x 72" (1,6 x 7,6 x 182,9 cm)
- ☐ **x8** **ECA** 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)
- ☐ **x14** **ECN** 2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

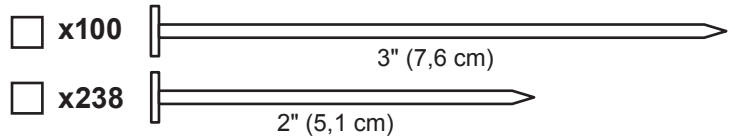
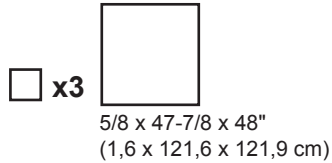
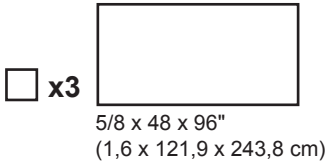
### TRIM

- ☐ **x4** 3/8 x 1-3/4 x 81-7/8" (1 x 4,4 x 208 cm)
- ☐ **x4** 3/8 x 1-3/4 x 82-1/2" (1 x 4,4 x 209,6 cm)
- ☐ **x4** 3/8 x 7-7/8 x 73-5/16" (1 x 20 x 186,2 cm)
- ☐ **x2** 3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm)
- ☐ **x2** 3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm)
- ☐ **x4** 3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)
- ☐ **x4** 3/8 x 4-3/4 x 80-7/8" (1 x 12,1 x 205,4 cm)

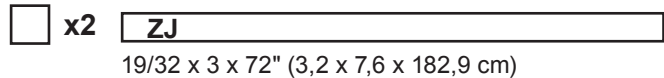
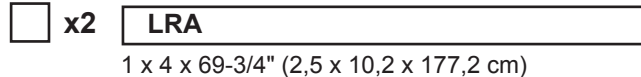
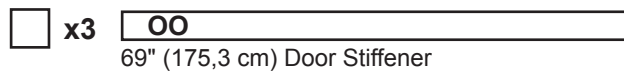
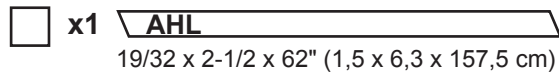
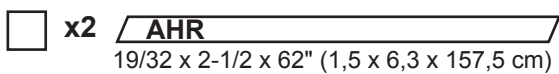
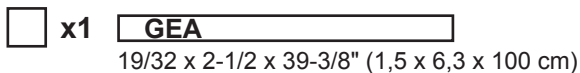
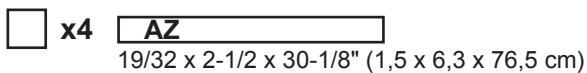
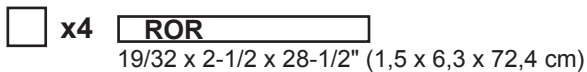
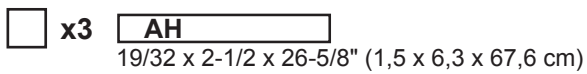
## FLOOR (IF DIY KIT(S) PURCHASED)



Floor panels are 5/8" (1,6 cm) thick.  
NOTE: Panel parts are not stamped.

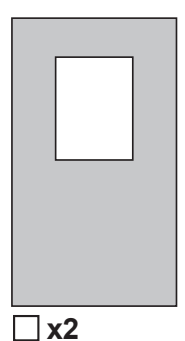
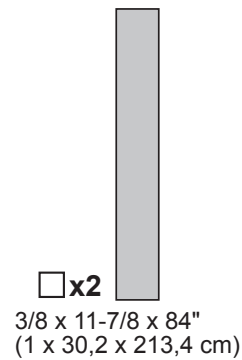
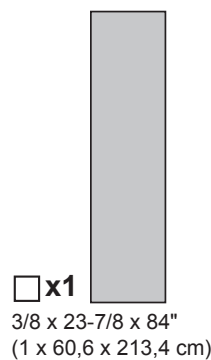
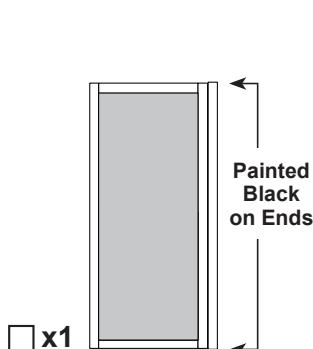
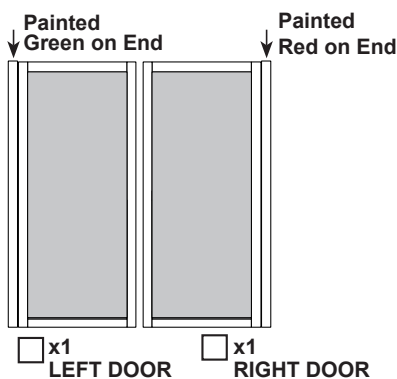
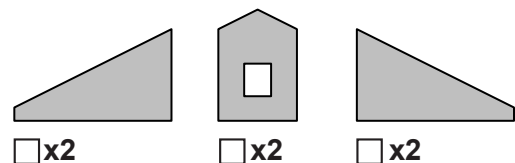
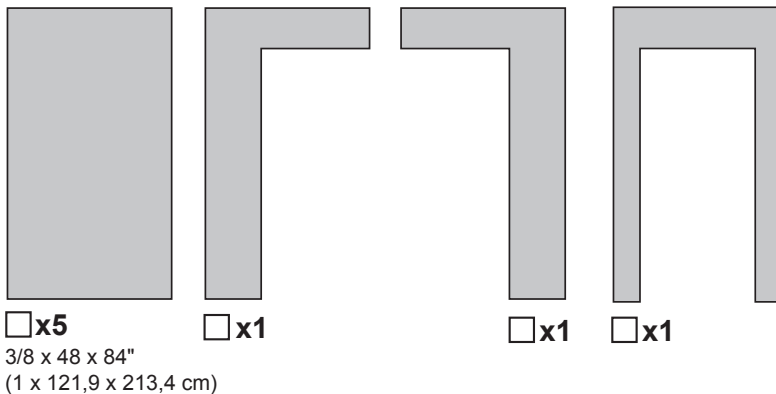


## WINDOW & DOOR TRIM



## WALL PANELS & DOORS

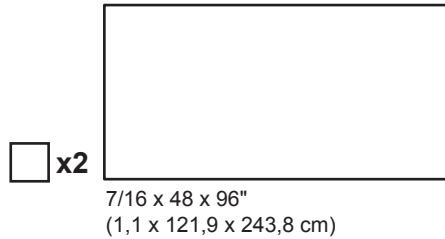
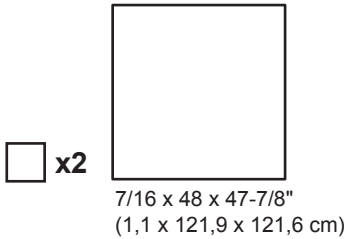
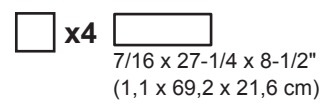
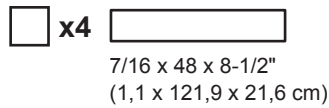
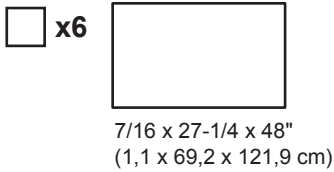
NOTE: Panel parts are not stamped.



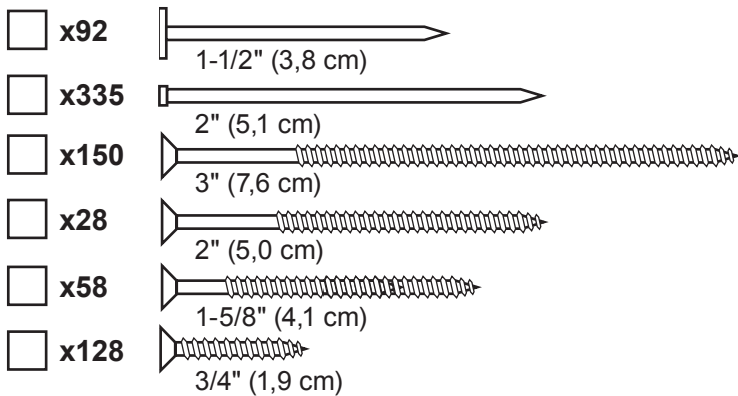
## ROOF PANELS

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

NOTE: Panel parts are not stamped.

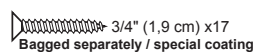
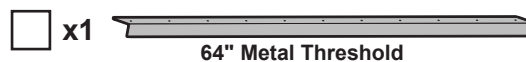
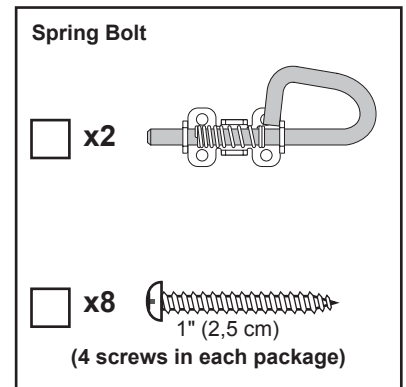
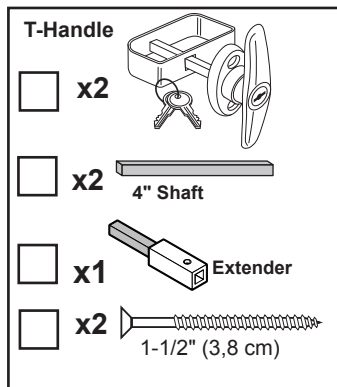
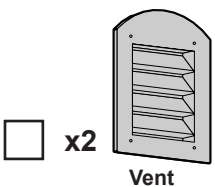
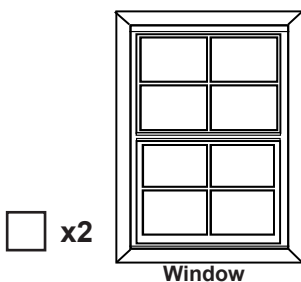


## FASTENERS & HARDWARE



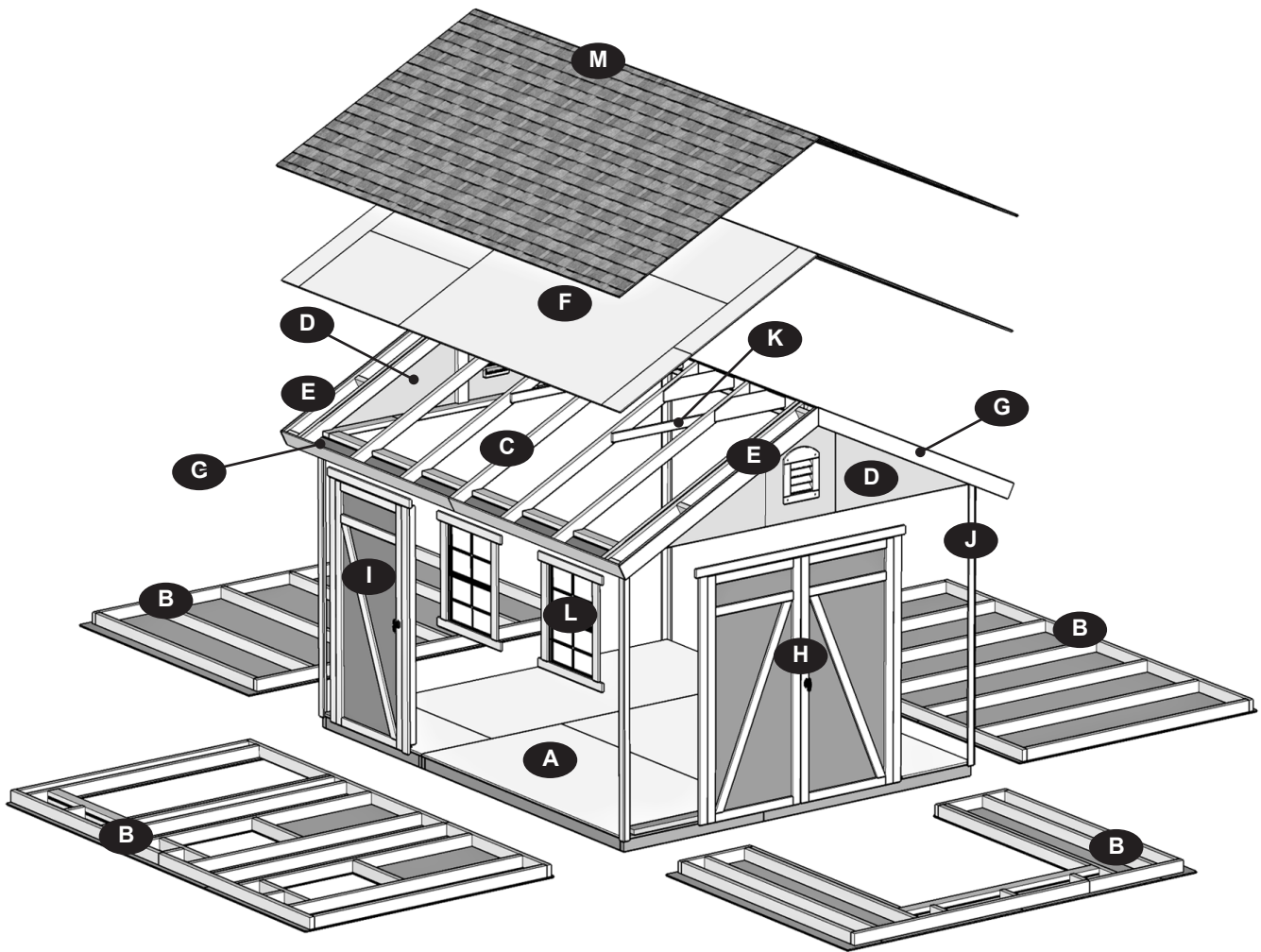
**NOTE:**  
If you are using a nail gun, nails may be used where screws are shown for quicker assembly. Length of nail must match screw length.

## VENT/ DOOR HARDWARE/ WINDOWS





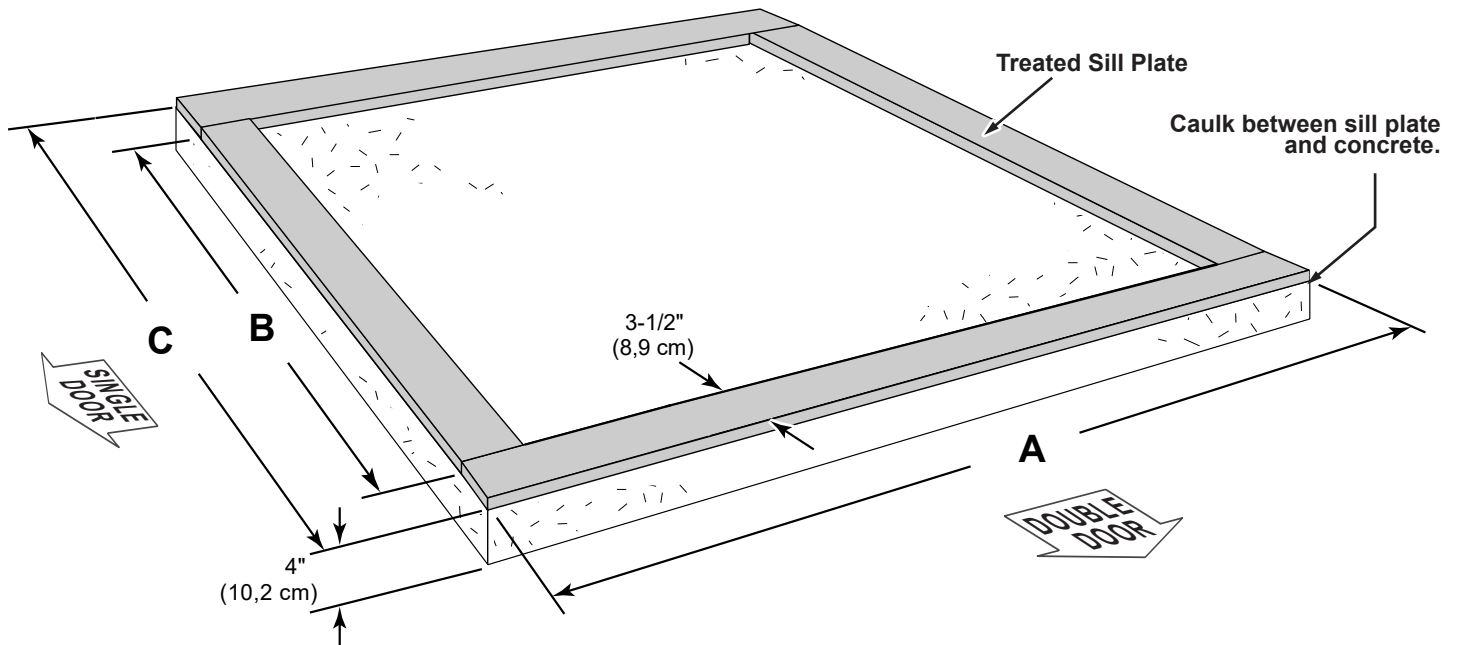
## COMPONENT SECTION INDEX



Description	Section	Page
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Gable Units	D	46, 48
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Double Doors	H	58
Single Door	I	64
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Collar Ties	K	74
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Shingles	M	79



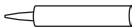
## CONCRETE FOUNDATION


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
10' x 12' (304,8 x 365,8 cm)	120" x 144" (304,8 x 365,8 cm)	120" (304,8 cm)	137" (348 cm)	144" (365,8 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 10' (5,1 x 10,2 x 244 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: Purchase full length treated lumber.**

• Use a high quality exterior grade caulk beneath all sill plates.

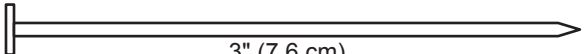
• Fasten 2 x 4 (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (**fasteners not included**).

• Check local code for concrete foundation requirements.

## NOTES

## FLOOR FRAME (IF DIY KIT(S) PURCHASED)

### PARTS REQUIRED:

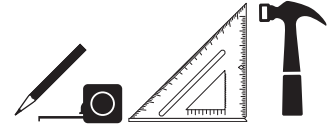
x40  3" (7,6 cm)

x9  2 x 4 x 45" (5 x 10 x 114,3 cm)

x2  2 x 4 x 48" (5 x 10 x 122 cm)

NOTE: Look for  Stamp.

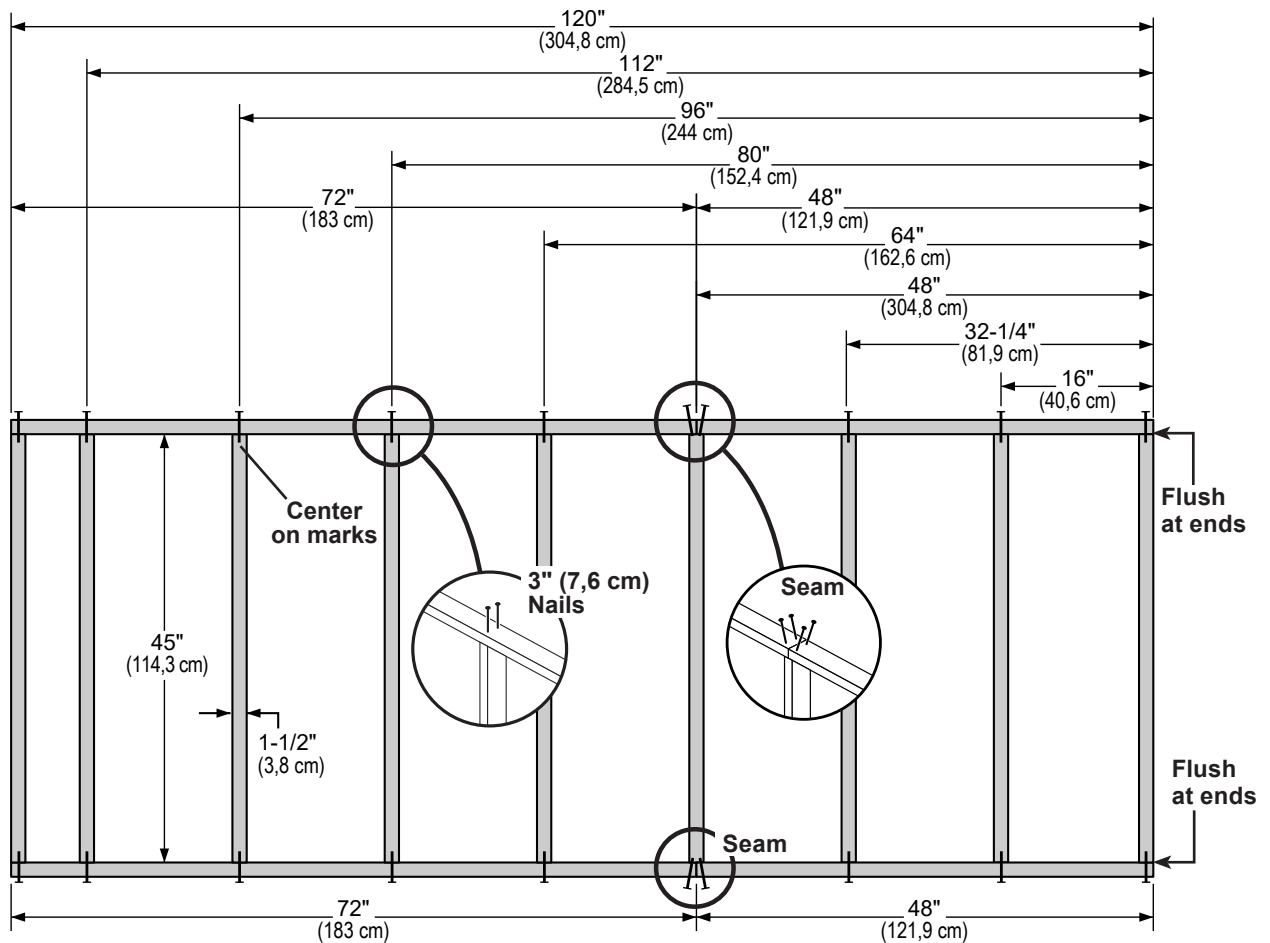
x2  2 x 4 x 72" (5 x 10 x 183 cm)



*You will build two floor sections.*

### ✓ BEGIN

- 1 Arrange parts as shown on flat surface. Measure and mark each dimension from end of boards. Secure with (2) 3" nails at each mark and (4) nails at seams.



## FLOOR FRAME (IF DIY KIT(S) PURCHASED)

### PARTS REQUIRED:

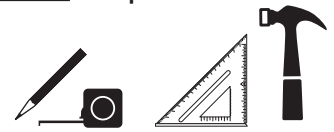
**x2** TREATED 2 x 4 x 48" (5 x 10 x 122 cm)

**x40** 3" (7,6 cm)

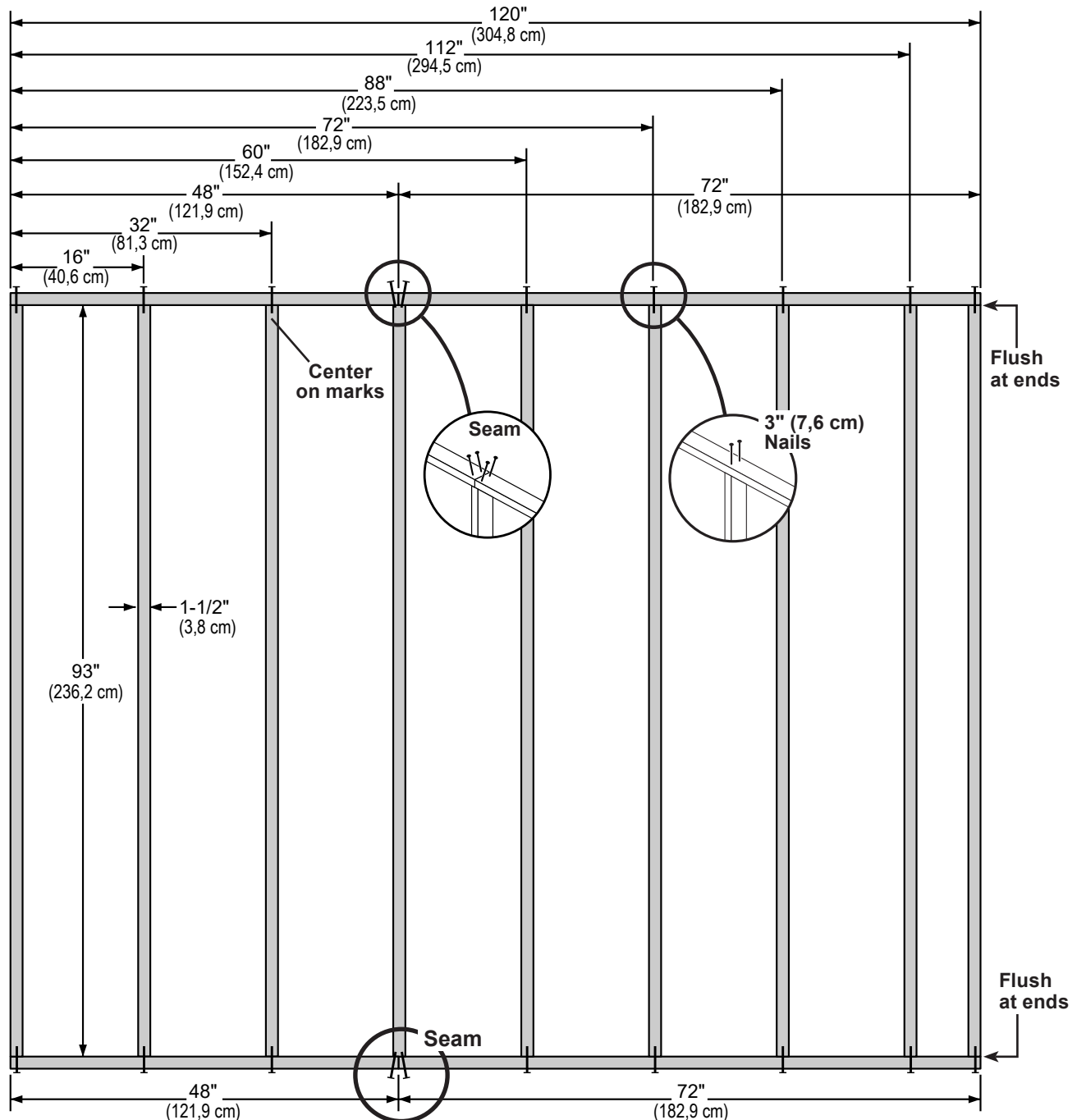
**x2** TREATED 2 x 4 x 72" (5 x 10 x 183 cm)

**NOTE:**  
Look for TREATED Stamp.

**x9** TREATED 2 x 4 x 93" (5 x 10 x 236,2 cm)

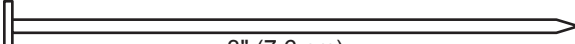


- 2** Arrange parts as shown on flat surface. Measure and mark each dimension from end of boards.  
Secure with (2) 3" nails at each mark and (4) nails at seams.



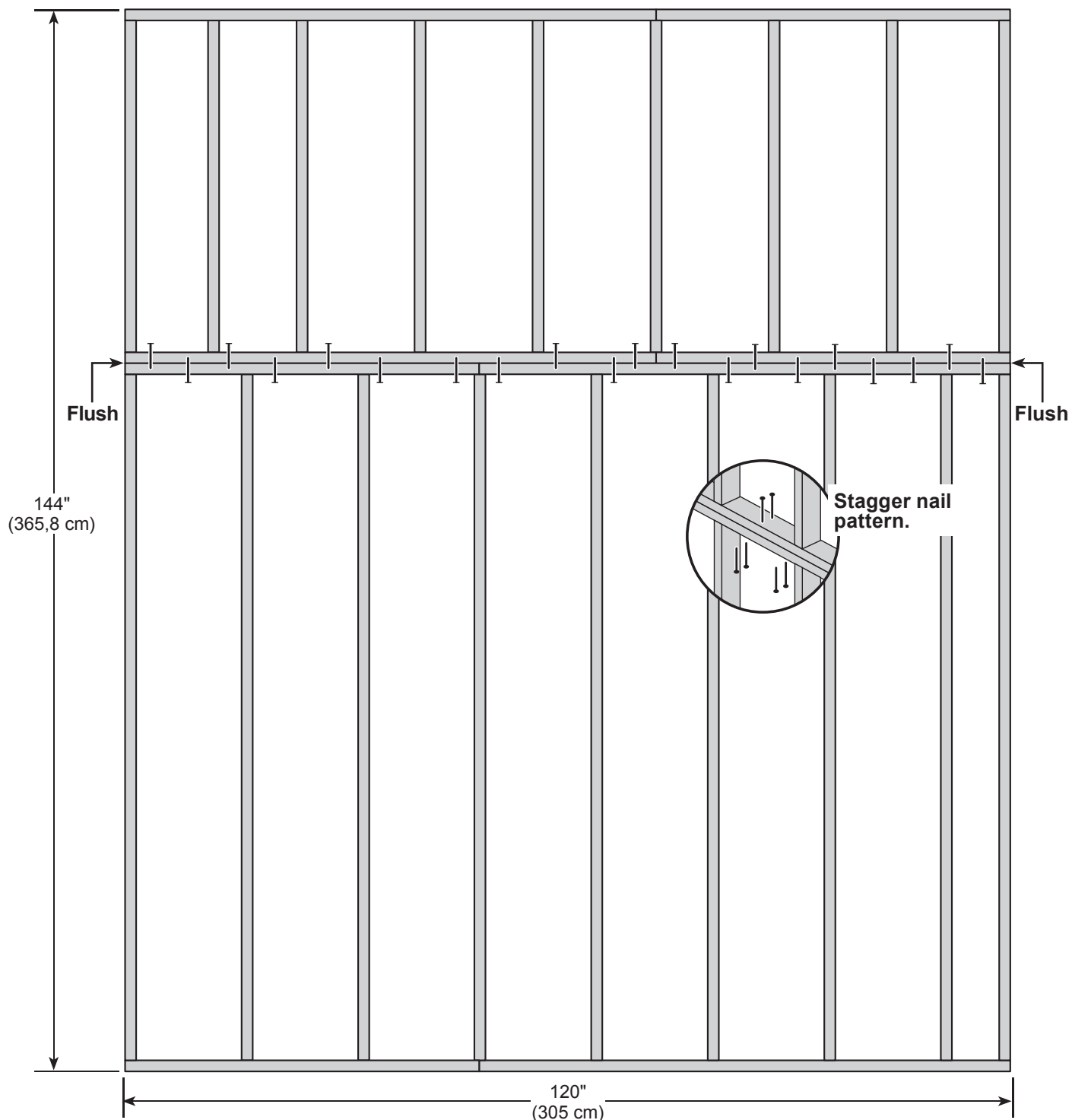
## FLOOR FRAME (IF DIY KIT(S) PURCHASED)

### PARTS REQUIRED:

x40  3" (7,6 cm)



- 3 Fasten floor sections together, as shown. Secure with 3" nails.

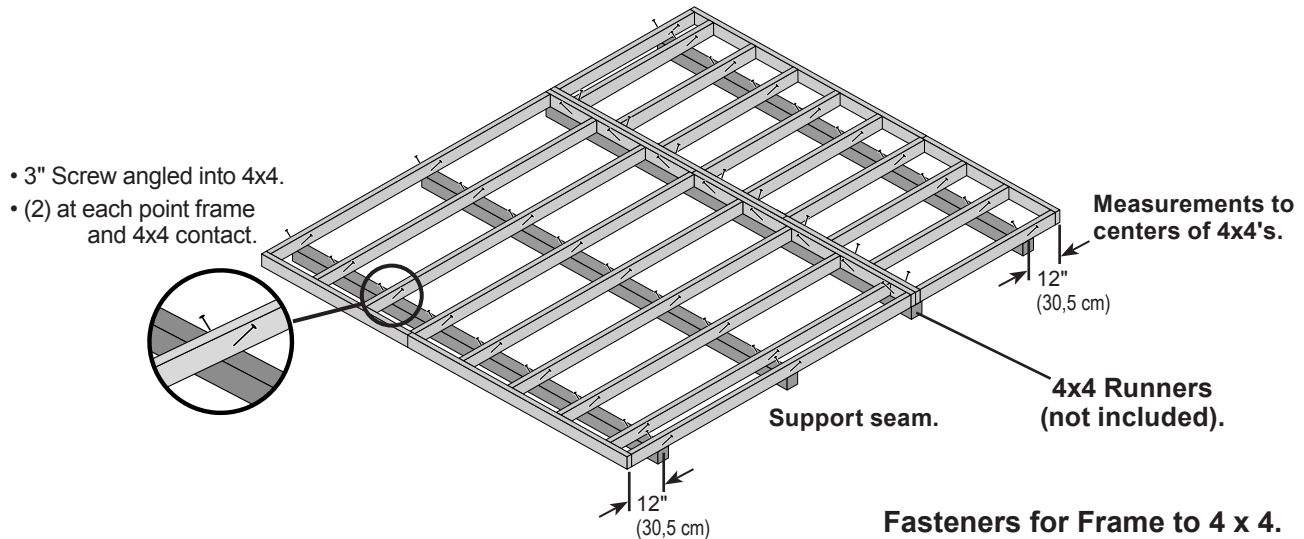


Your floor frame is now assembled. Proceed to level and square frame.

## OPTIONAL WOOD FRAME FLOOR 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 (Typical for 10' x 12' Kit)



#### MATERIAL REQUIRED

☐ **x4** 4 x 4 x 10' (10,2 x 10,2 x 304,8 cm) Treated Lumber

☐ **x72**  3" (7,6 cm)

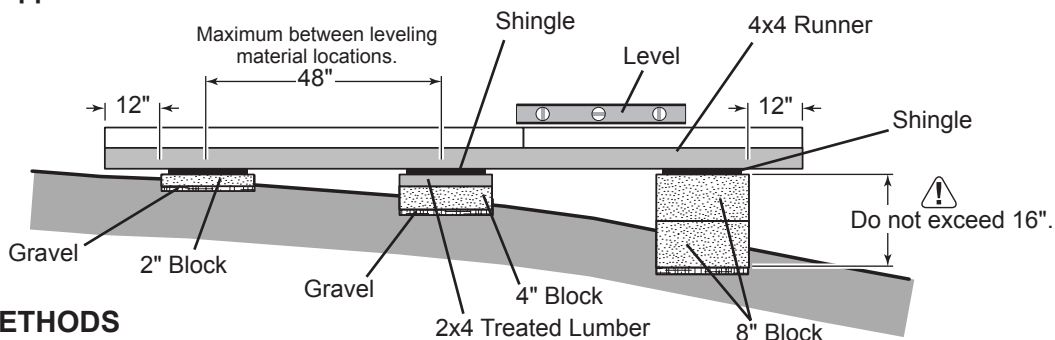


**Use only wood treated for ground contact and fasteners approved for use with treated wood.**



**Always support frame seams.**

**Fasteners for Frame to 4 x 4.**  
(3" Screws shown as one option.)  
Minimum 3" screws / exterior grade.



#### LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" from ends of runners and no more than 48" 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" not recommended.**

#### CONCRETE

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

**STOP!**



## LEVEL AND SQUARE FLOOR FRAME



**STOP!**

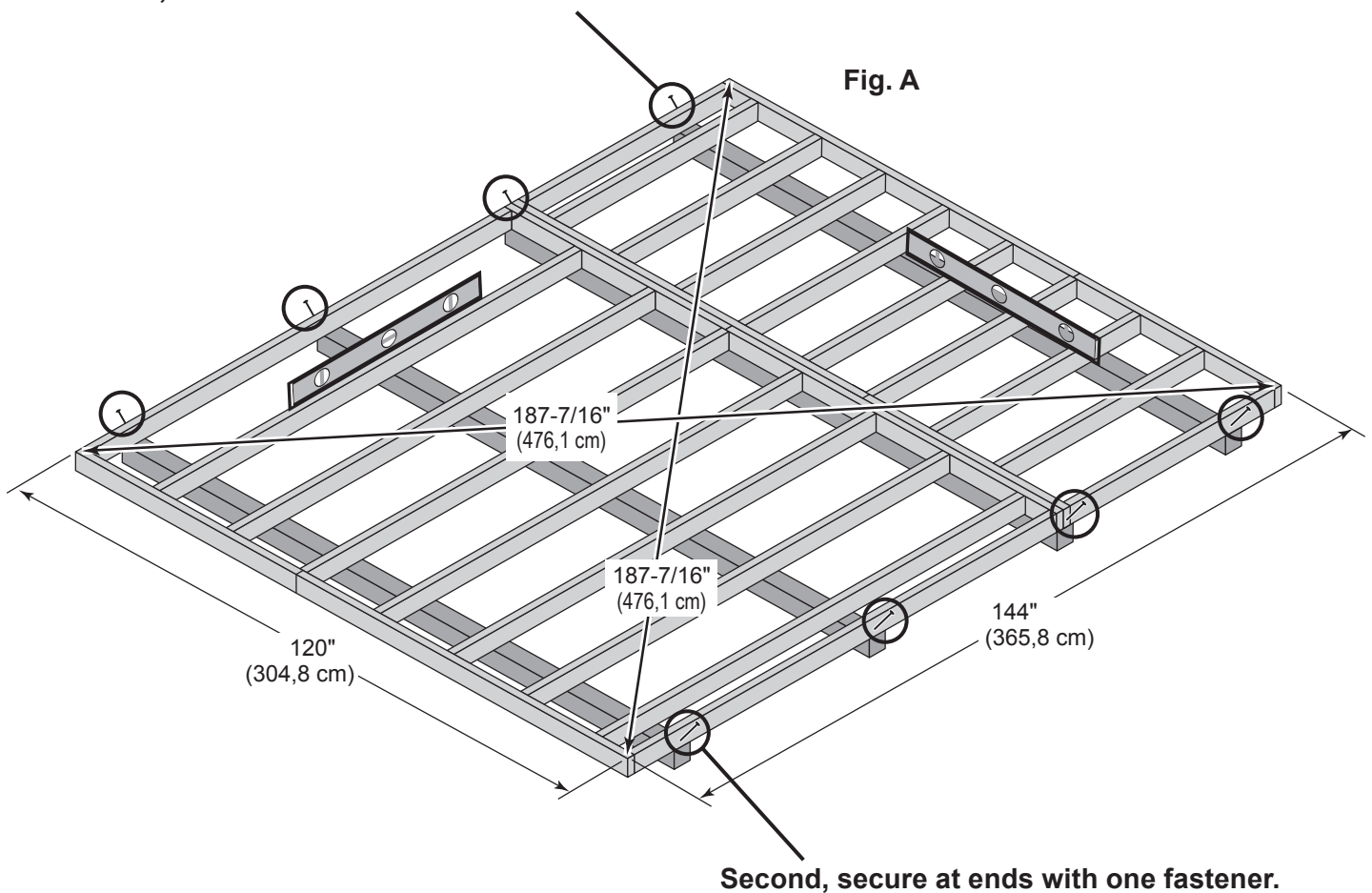
Before attaching floor decking, it is important to level and square the floor frame. A level and square floor frame is required to correctly construct your shed.

✓ **BEGIN**

- 1 See page 12 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 187-7/16" (476,1 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**).

First, secure at ends with one fastener.

**Fig. A**



Second, secure at ends with one fastener.

**FINISH**

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

## FLOOR PANELS (IF DIY KIT(S) PURCHASED)

### PARTS REQUIRED:

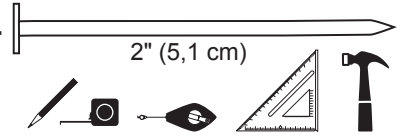
x1



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

**GAA**  
3/4" GAUGE  
BLOCK

x4



2" (5,1 cm)

*Install floor panels with the rough side facing up (painted grid lines).*

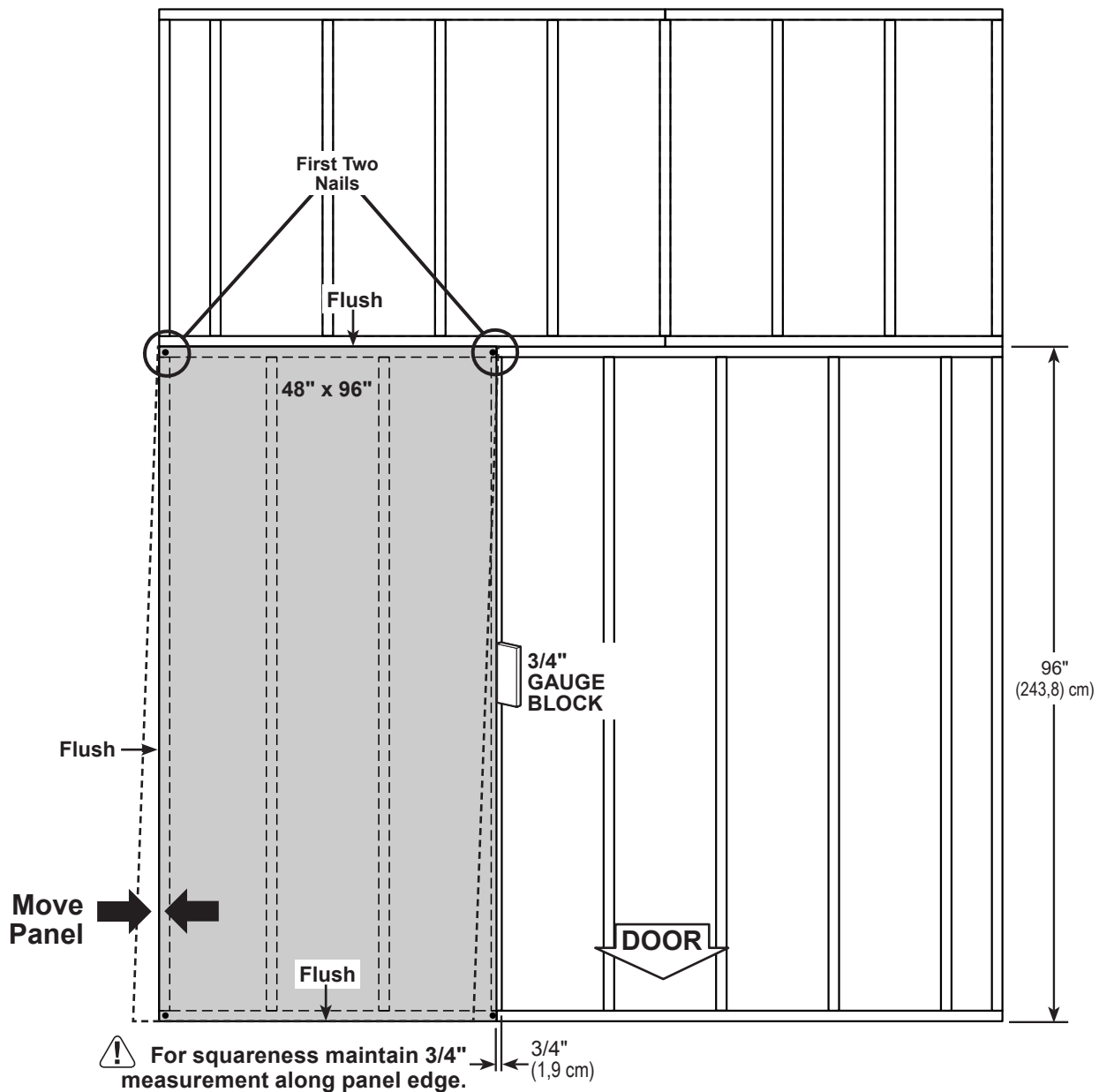
✓ **BEGIN**

- 1** Install (1) **48" x 96"** panel on the 48" x 144" floor frame section, edge flush to the seam between the floor frames and 3/4" along the floor joist.

**Use the GAA gauge block for the 3/4" measurement.**

Secure panel with (1) 2" nail in the first two corners on inner bond board, as shown.

- 2** Move to the opposite side. Using the long edge of the panel as a lever, move the panel side-to-side until the loose corner is flush to the floor frame. Secure panel with (2) more nails in the opposite corners.

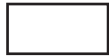




## FLOOR PANELS (IF DIY KIT(S) PURCHASED)

### PARTS REQUIRED:

x1



5/8 x 23-7/8 x 48"  
(1,6 x 60,6 x 121,9 cm)

x2

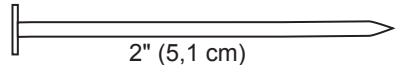


5/8 x 48 x 96"  
(1,6 x 121,9 x 243,8 cm)



3/4" GAUGE  
BLOCK

x257



2" (5,1 cm)



x1



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

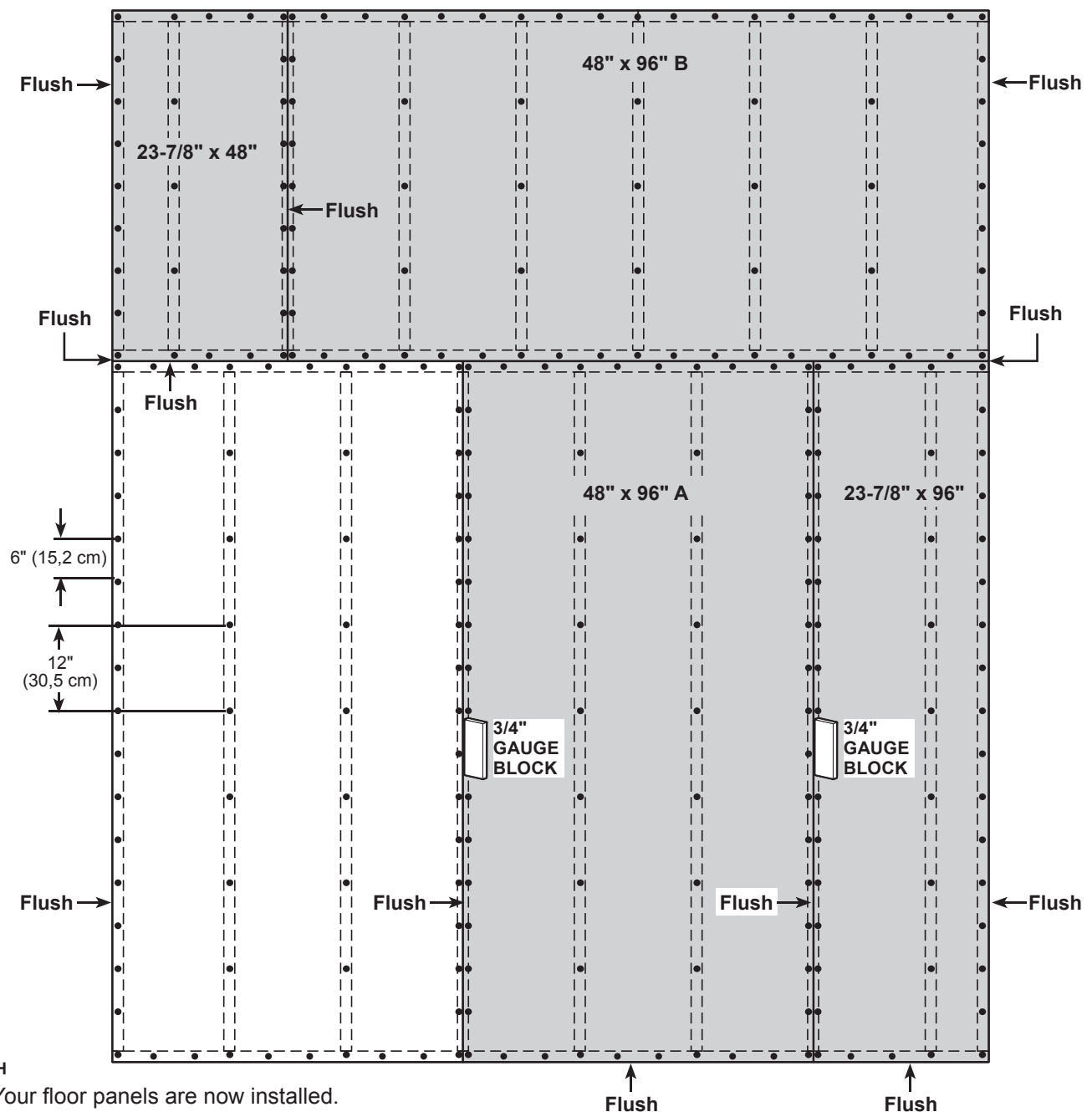
**3** Continue installing the remaining panels in the following order:

1. 48 x 96" (A and B)
2. 23-7/8 x 96"
3. 23-7/8 x 48"

Secure panels with (1) 2" nail in each corner. All panels should be flush, as shown.

**4** Ensure the floor 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 187-1/2" (476,3 cm).

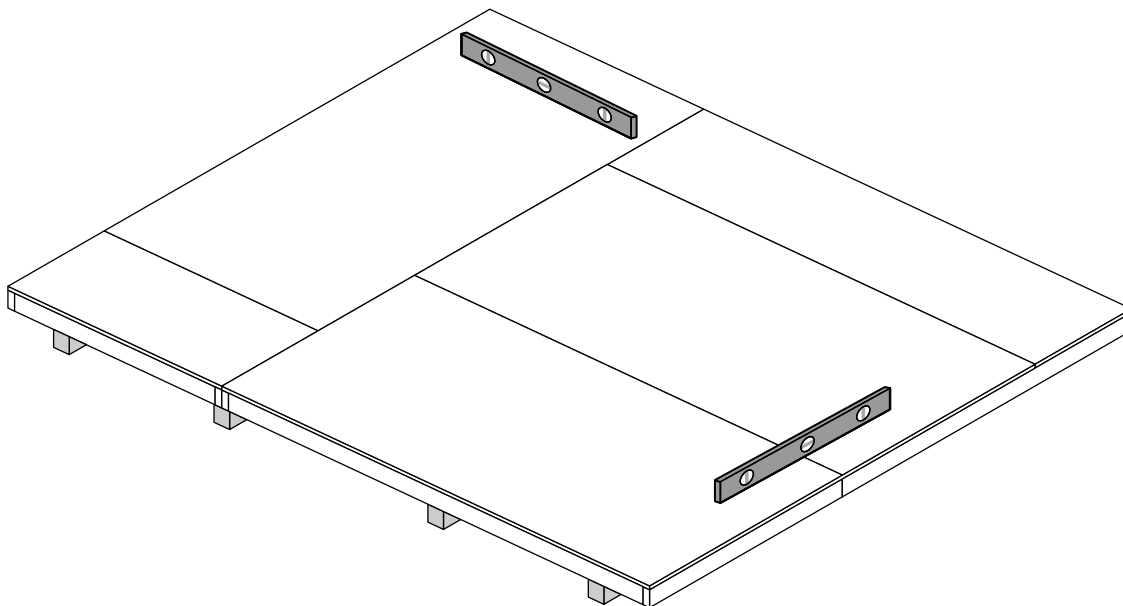
**5** Continue securing all panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.



## IMPORTANT!

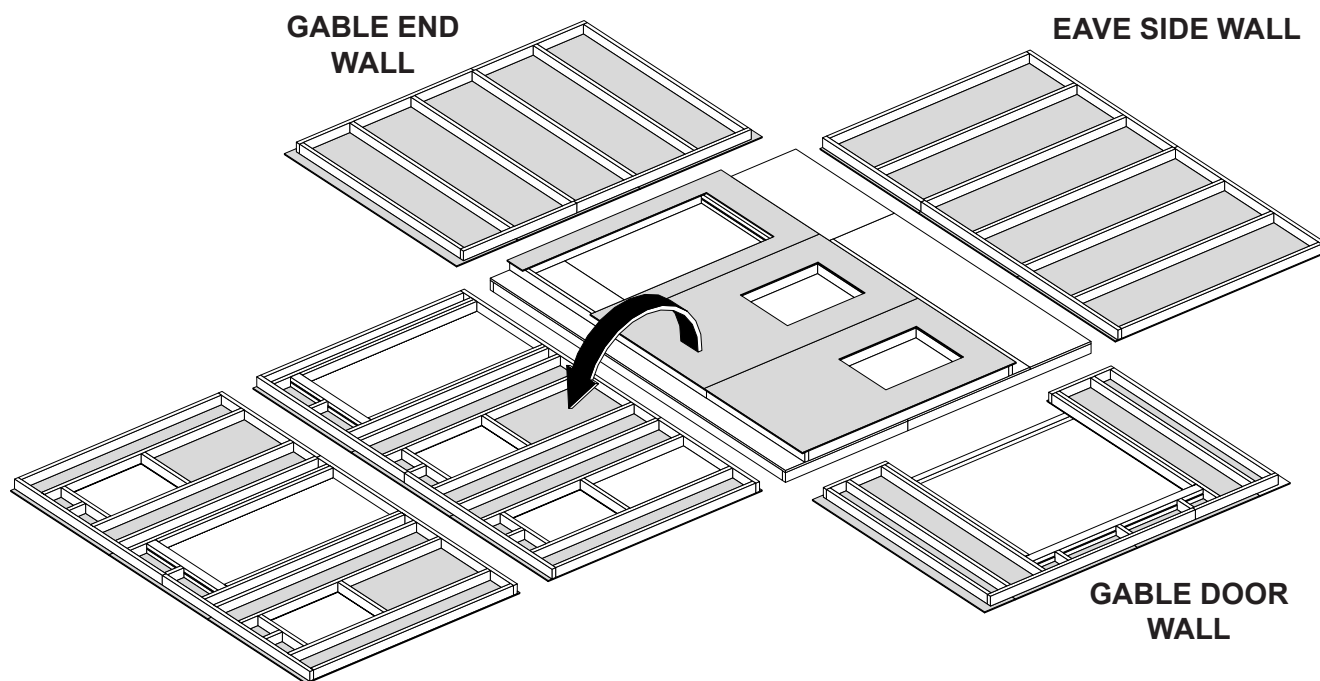


Ensure the floor frame is level after installing floor panels.  
Re-level if needed.



HINT:

- 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.

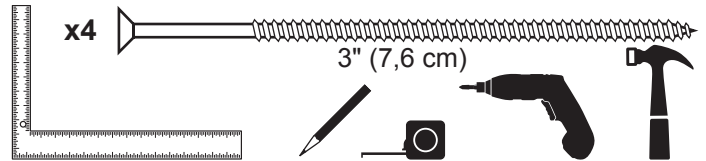


**EAVE SIDE WALL**  
(Your door location may vary.)

## RAFTER ASSEMBLY

### PARTS REQUIRED:

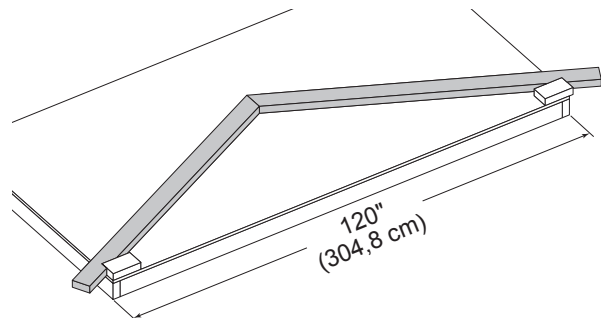
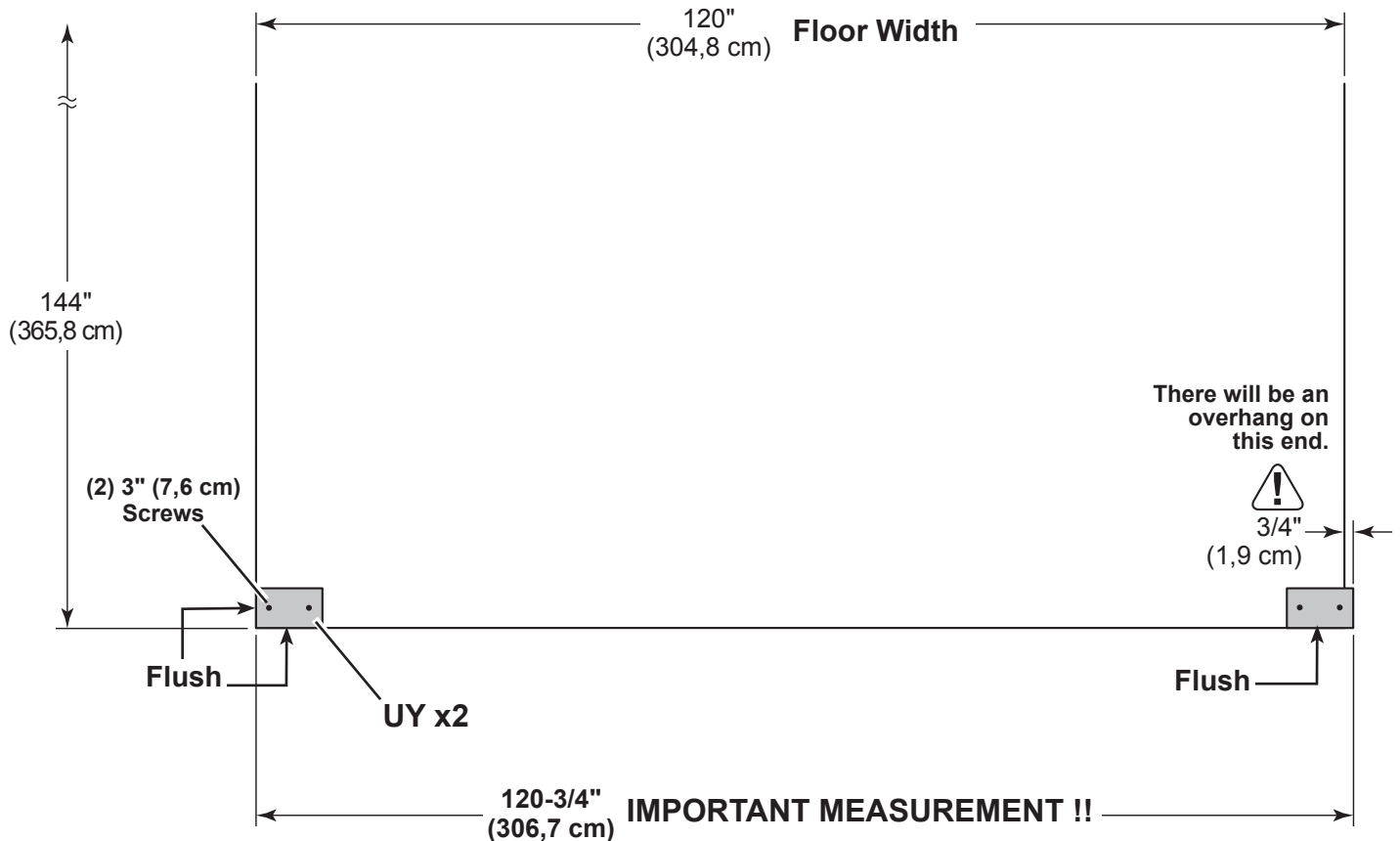
x2 **UY** 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)



*It is very important to assemble your rafters using the following method for an even and flat roof.*

### ✓ BEGIN

- Secure (1) **UY** flush to the floor deck with (2) 3" screws.  
Measure over 120-3/4" and install a second **UY** flush to the floor deck. **UI** will overhang floor.  
Secure with (2) 3" screws.




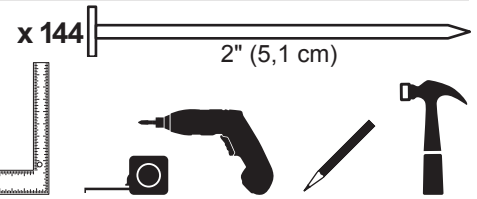
You have finished building the main roof rafter jig. Proceed to assemble your rafters.

# RAFTER ASSEMBLY

## PARTS REQUIRED:

**x12**  **OSB OR WOOD GRAIN**  
6 x 24" (15,2 x 61 cm)

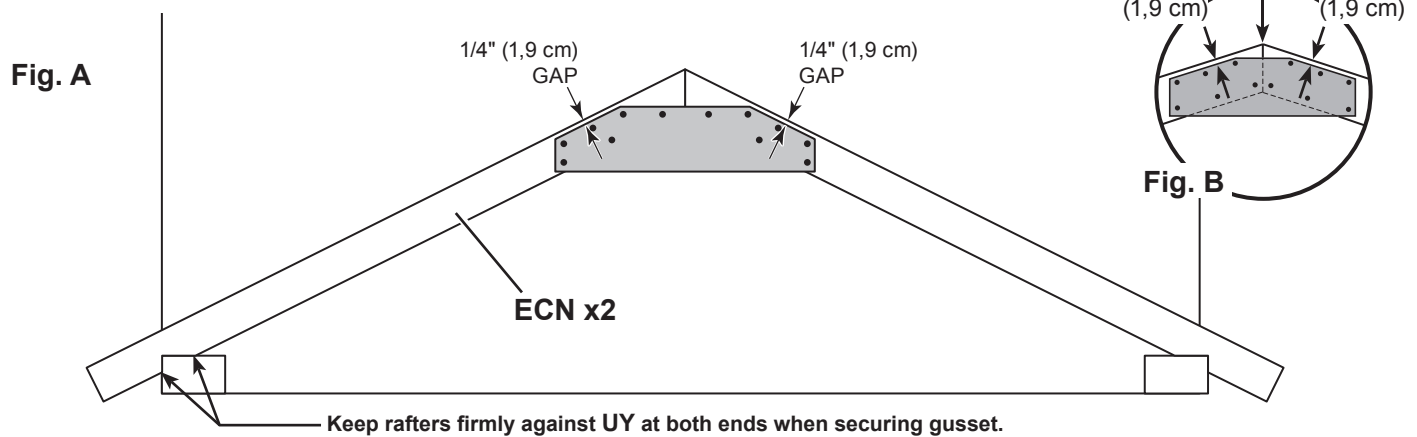
**x14**  **ECN**  
2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)



**Build (2) rafter assemblies with (1) gusset (Fig. C).**

### ✓ BEGIN

- 1 Place (2) rafters **ECN** in the jig, as shown. Hold **ECN** firm against outside **UY**'s as shown (**Fig. A**) and push rafters tight to the middle **UY**. Rafters should touch at tips (**Fig. B**).
- 2 Place gusset on **ECN**, holding a 1/4" gap from edge (**Fig. B**) and keeping rafters firm, as instructed. Secure the gusset to the rafters with (12) 2" nails in the pattern shown (**Fig. B**).

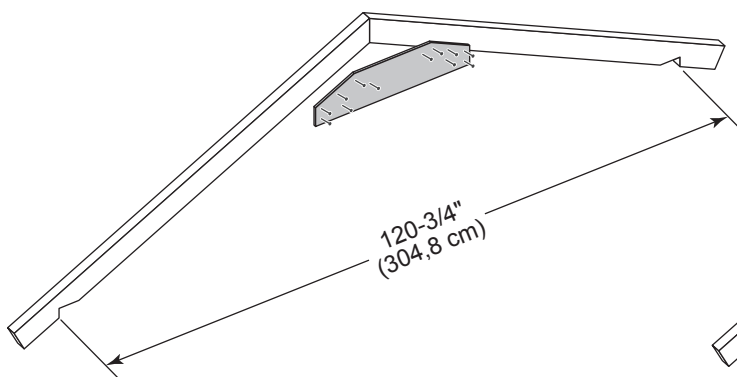


**! SET ASIDE THESE TWO RAFTER ASSEMBLIES.**

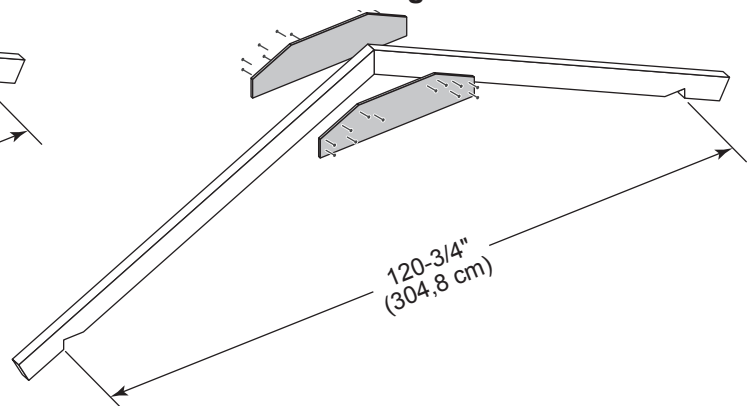
**Build 5 rafter assemblies with (2) gussets (Fig. D).**

- 3 Place two rafter-halves **ECN** in the jig, as shown (STEP - 1). Flush rafters at peak. Secure gusset to rafters with 2" nails following the pattern shown (**Fig. B**).
- 4 Flip rafters over and fasten a second gusset with (12) 2" nails. No need to use jig for the 2nd gusset.

**Fig. C - Build 2**



**Fig. D - Build 5**



**FINISH**

You have finished assembling your rafters.

Remove jig parts **UY** from floor.

## DOUBLE DOOR FRAME UNIT

**STOP!**

**Assemble the double door frame unit before building any walls!**

Any wall with a door will require this assembly.

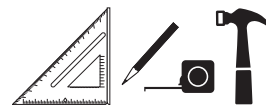
**STOP!**

### PARTS REQUIRED:

**x2** **AM**  
2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)

**x1**  
7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 170,2 cm) **OSB**

**x18** 3" (7,6 cm)



**Pre-assemble the door header.**

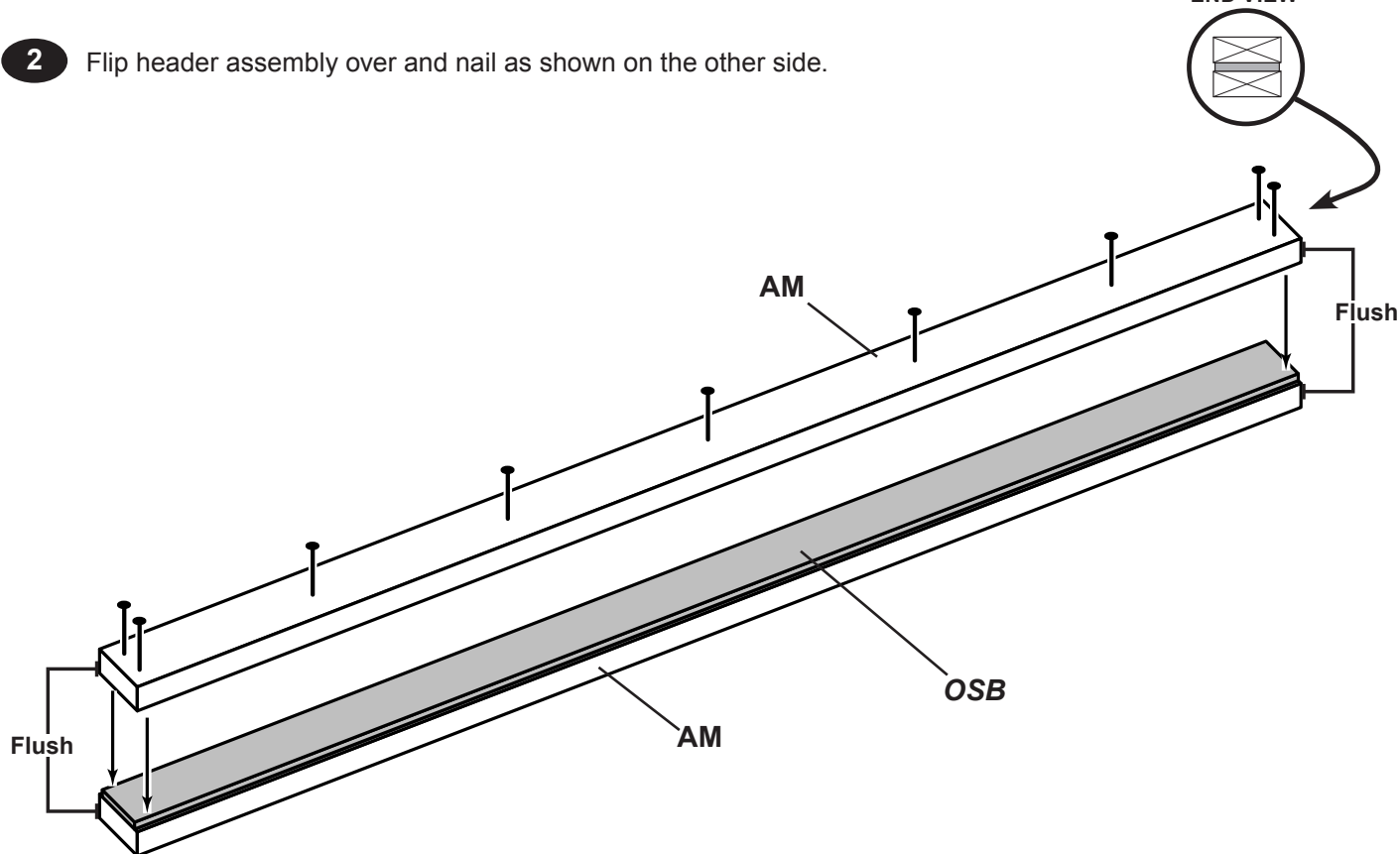
**BEGIN**

- Place (1) **AM** and **OSB** end-to-end on flat surface, flush in middle.  
Center **OSB** on top of **AM**.

Fasten together with 3" nails in the pattern shown.

- Flip header assembly over and nail as shown on the other side.

**ASSEMBLED  
END VIEW**



## DOUBLE DOOR FRAME UNIT

### PARTS REQUIRED:

x3 **UY**

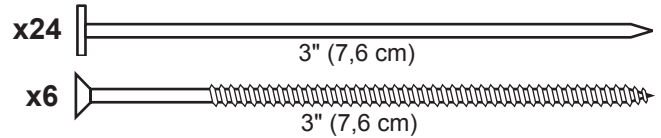
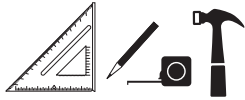
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

x2 **YFA**

2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x2 **AI**

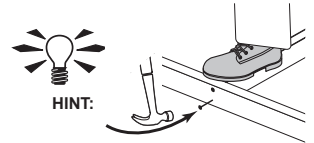
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)



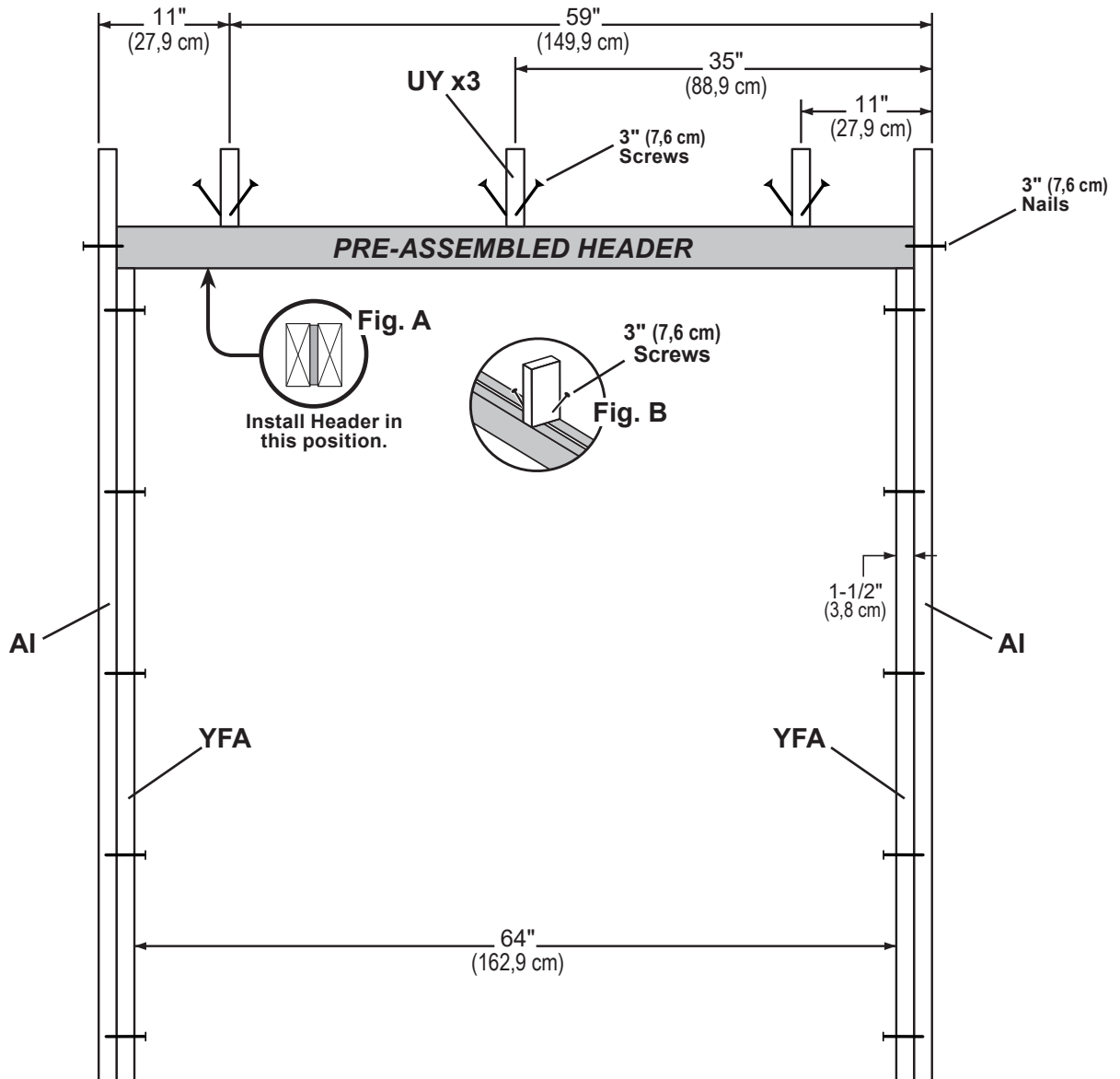
**Pre Assembled 67" Header**

x1

- 3 Arrange parts on edge on floor, as shown. Measure and mark from end of boards.  
Orient **Pre Assembled Header** on flat side (**Fig. A**).  
Secure with (2) 3" nails at each connection.



- 4 Fasten (3) middle parts **UY** to **Pre Assembled Header** with (2) 3" screws (**Fig. B**).  
Secure parts **UY** to top plates with (2) 3" nails at each connection and (4) 3" nails at seam.



Your double door frame unit is now assembled.

## SINGLE DOOR FRAME UNIT


**STOP!**

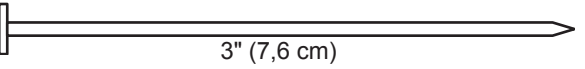
**Assemble this single door header before building any walls!**

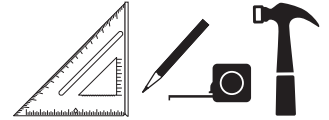
**STOP!**

### PARTS REQUIRED:

**x2** **QT**  
2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)

**x1**   
7/16" x 3-3/16" x 34-3/4" (1,1 x 8 x 88,2 cm) OSB

**x12**  3" (7,6 cm)



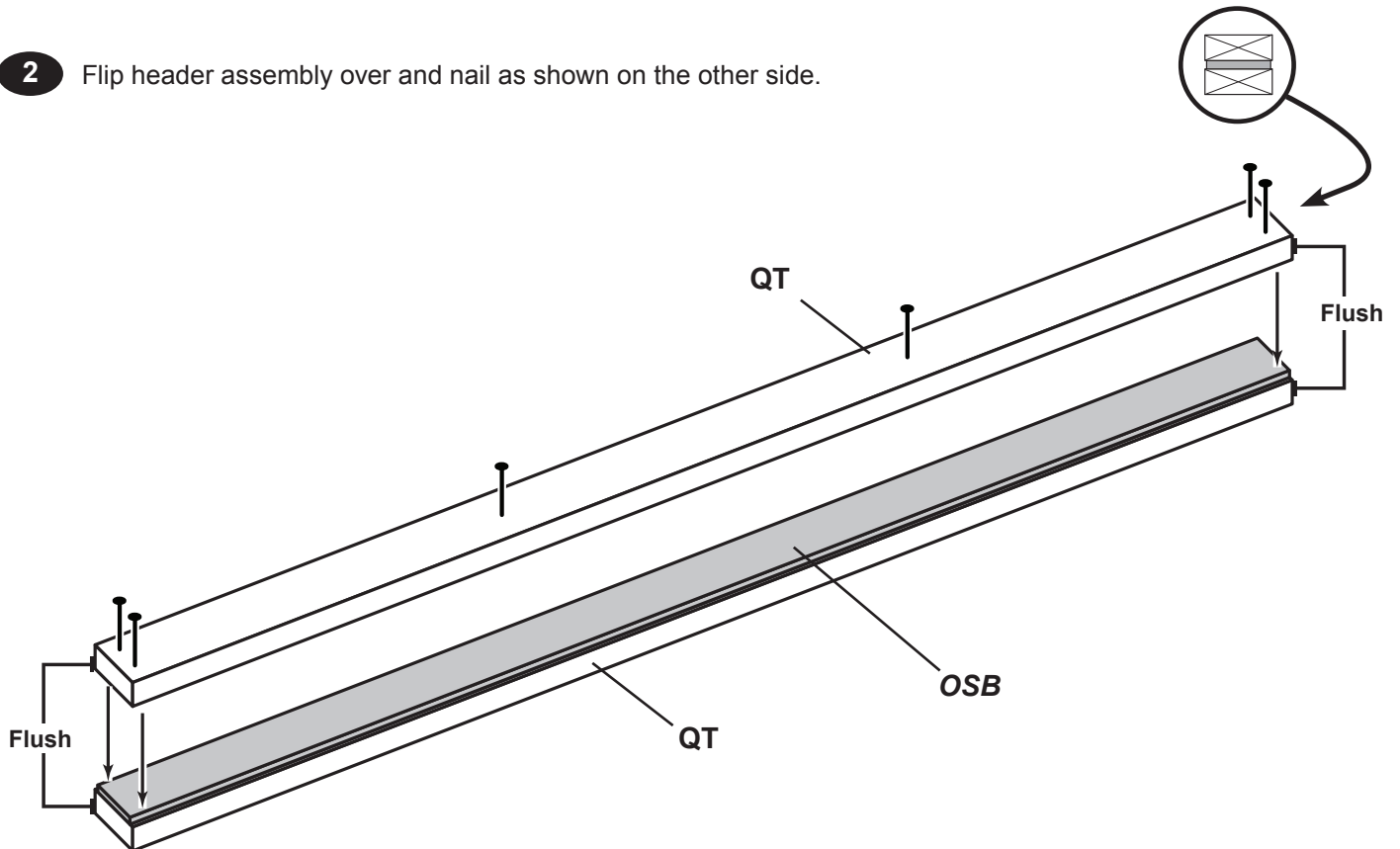
**BEGIN**

- 1 Place (1) **QT** and **OSB** end-to-end on flat surface, flush in middle.  
Center **OSB** on top of **QT**.

Fasten together with 3" nails in the pattern shown.

- 2 Flip header assembly over and nail as shown on the other side.

**ASSEMBLED  
END VIEW**



**FINISH**

Your door header is now assembled.

## SINGLE DOOR FRAME UNIT

### PARTS REQUIRED:

x1 **UY**

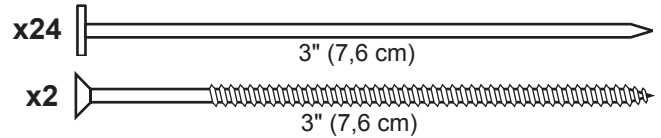
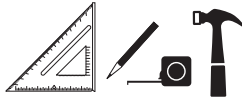
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)

x2 **YFA**

2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

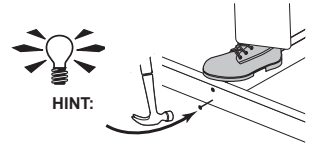
x2 **AI**

2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

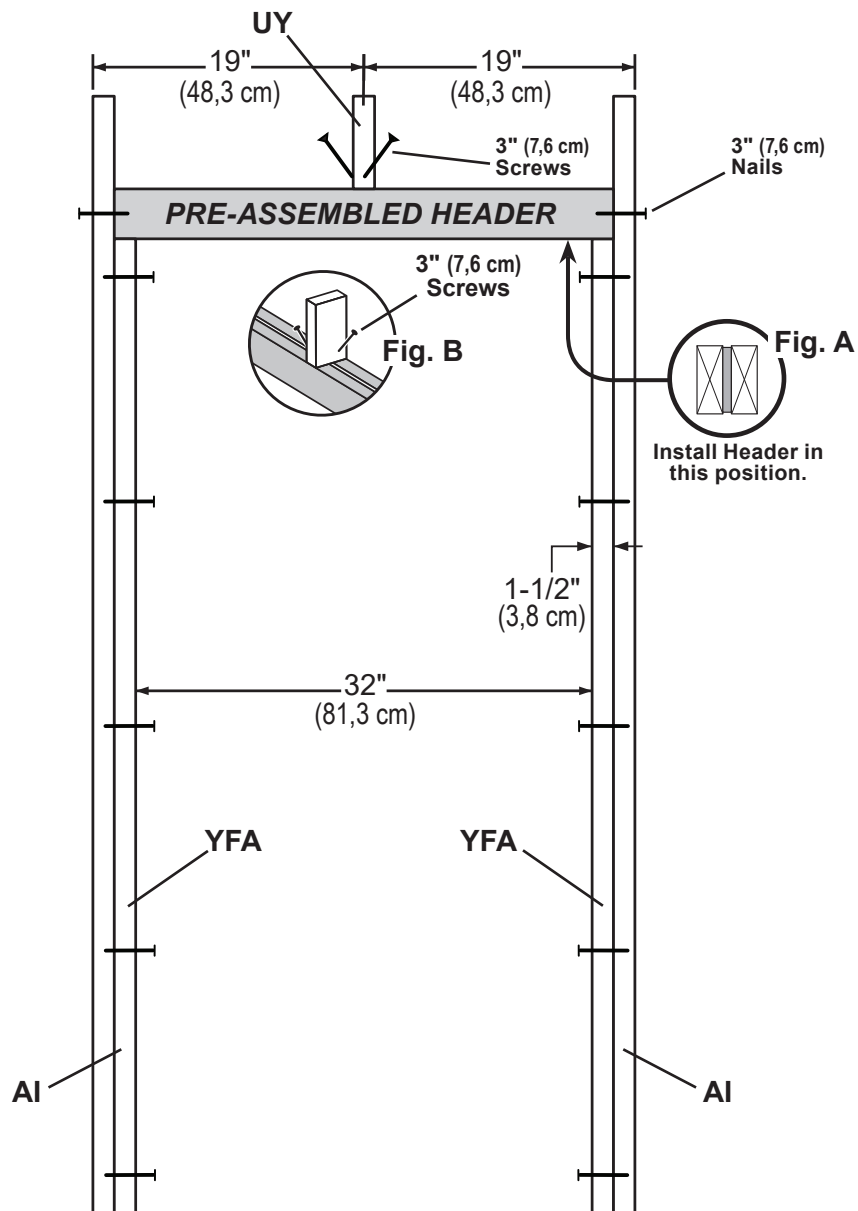


x1 **Pre Assembled 36" Header**

- 3 Arrange parts on edge on floor, as shown. Measure and mark from end of boards.  
Orient **Pre Assembled Header** on flat side (**Fig. A**).  
Secure with (2) 3" nails at each connection.



- 4 Fasten (1) **UY** to **Pre Assembled Header** with (2) 3" screws (**Fig. B**).  
Secure **UY** to top plates with (2) 3" nails at each connection and (4) 3" nails at seam.

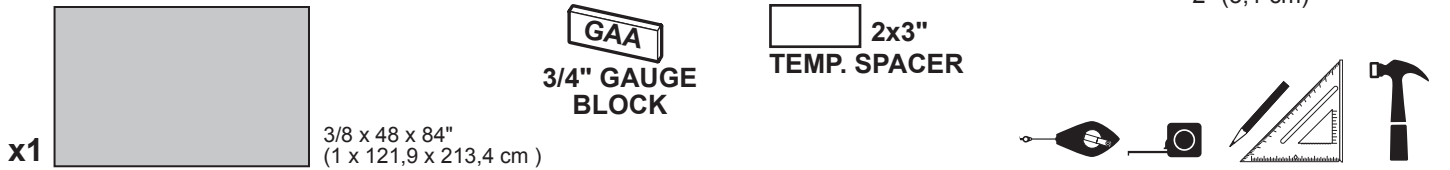


Your single door frame unit is now assembled.



# WALL PANEL INSTALLATION HINTS & EXAMPLES

## PARTS REQUIRED:

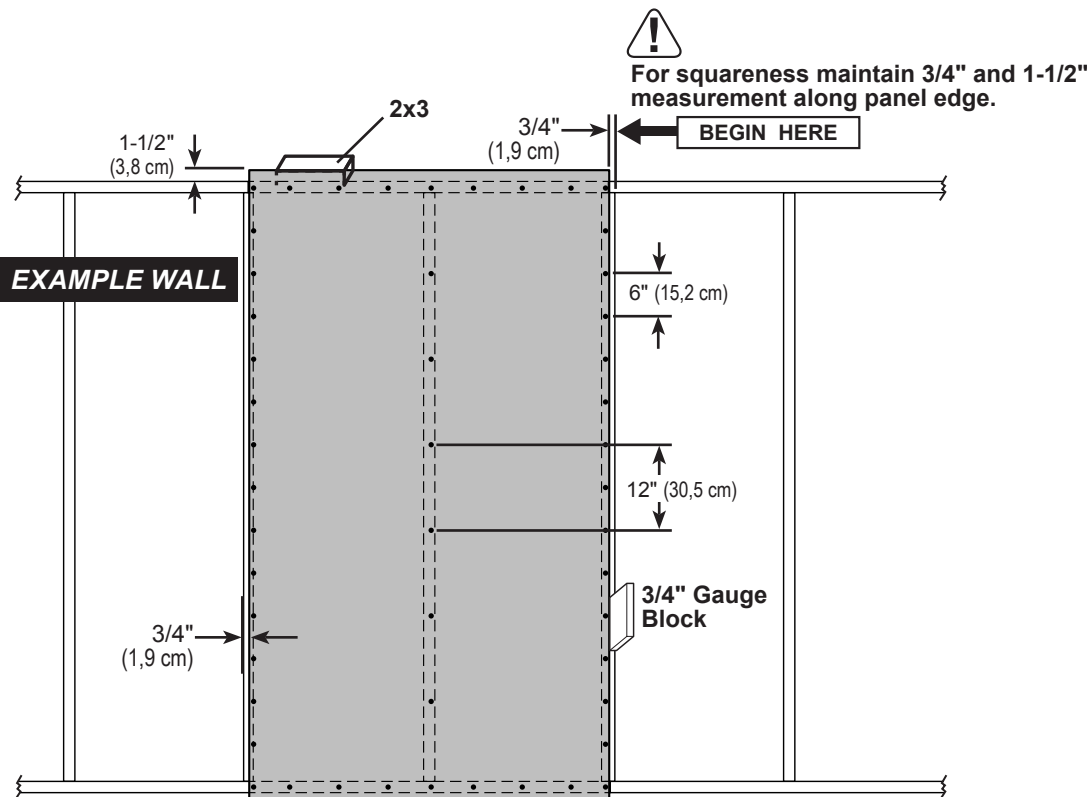
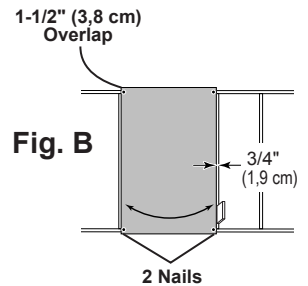
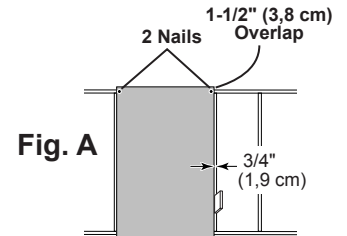


**!** Ensure your wall is square by installing one panel and squaring frame.

**Install all wall panels with the primed side facing up.**

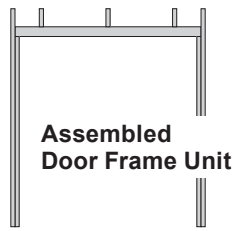
**✓ BEGIN**

- 1** Place a **48" X 84"** panel on the wall frame, as shown.  
 Locate the panel 1-1/2" above the top plate.  
 Use a 2 x 3 as a gauge block for the 1-1/2" top overhang measurement.  
 Use the gauge block to mark the 3/4" side measurement on the wall stud.  
 Secure panel with (2) 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 (2) 2" nails (**Fig. B**).  
 Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.

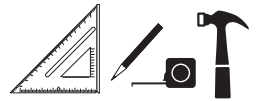


## GABLE WALL WITH DOOR

### PARTS REQUIRED:



x2	<b>KHA</b>	2 x 4 x 24-1/2" (5,1 x 10,2 x 62,2 cm)	x36	3" (7,6 cm)
x1	<b>QS</b>	2 x 4 x 32-1/2" (5,1 x 10,2 x 82,5 cm)		
x2	<b>YFA</b>	2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)		
x4	<b>AI</b>	2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)		
x1	<b>CGA</b>	2 x 4 x 80-1/2" (5,1 x 10,2 x 204,5 cm)		



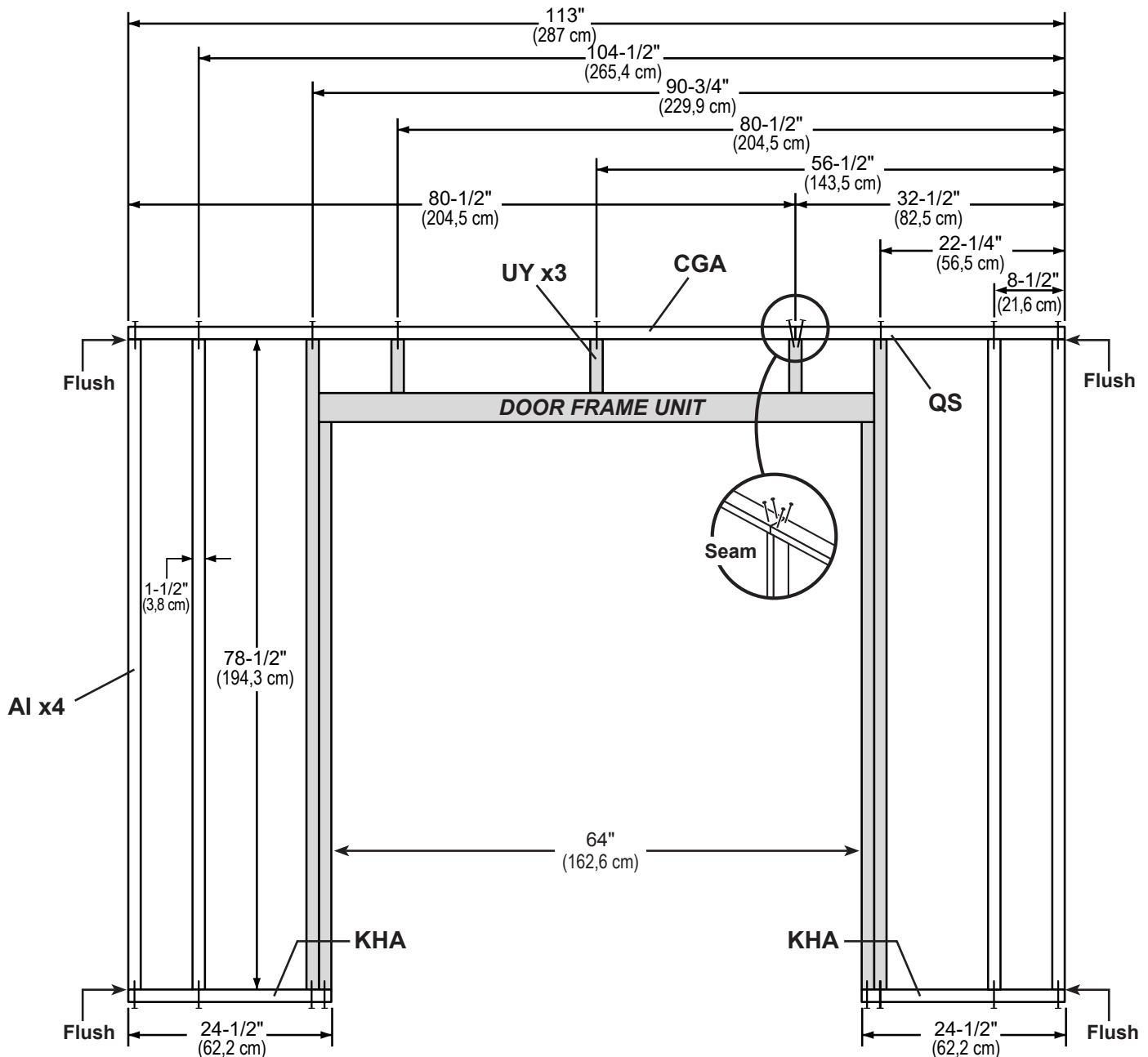
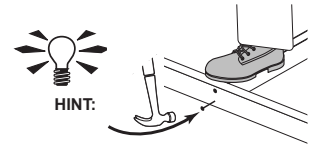
### ✓ BEGIN

1

Arrange parts on edge on floor, as shown. Measure and mark from end of boards.

Place the **Door Frame Unit** at measurements shown.

Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.



# GABLE WALL WITH DOOR

## PARTS REQUIRED:

x2 11-7/8" x 84" (30,2 x 213,4 cm)

x1

x1

x2

3" (7,6 cm)

x158

2" (5,1 cm)

x1

OO Temporary Brace

69" (75,3 cm) Door Stiffener



3

Install the left panel 1-1/2" from the top plate.

Use a 2x4 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

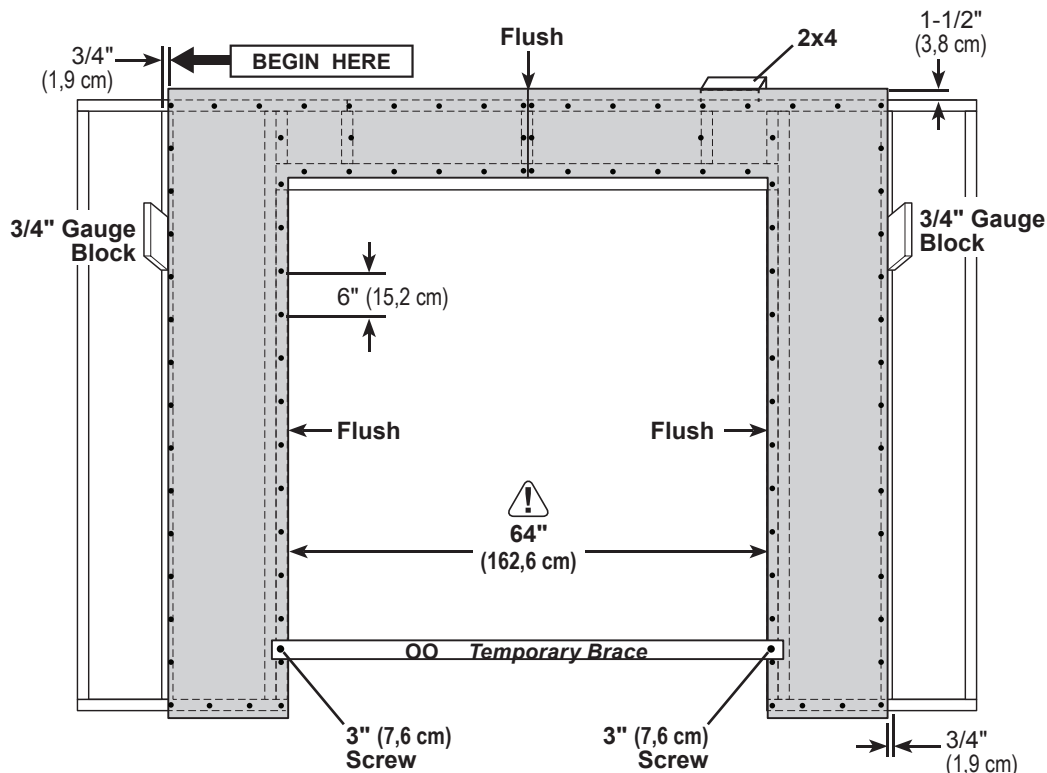
4

Install the right panel flush to installed panel, as shown.

Ensure 64" (162,8 cm) door measurement.

Use part OO as a temporary brace. Secure with (2) 3" screws.

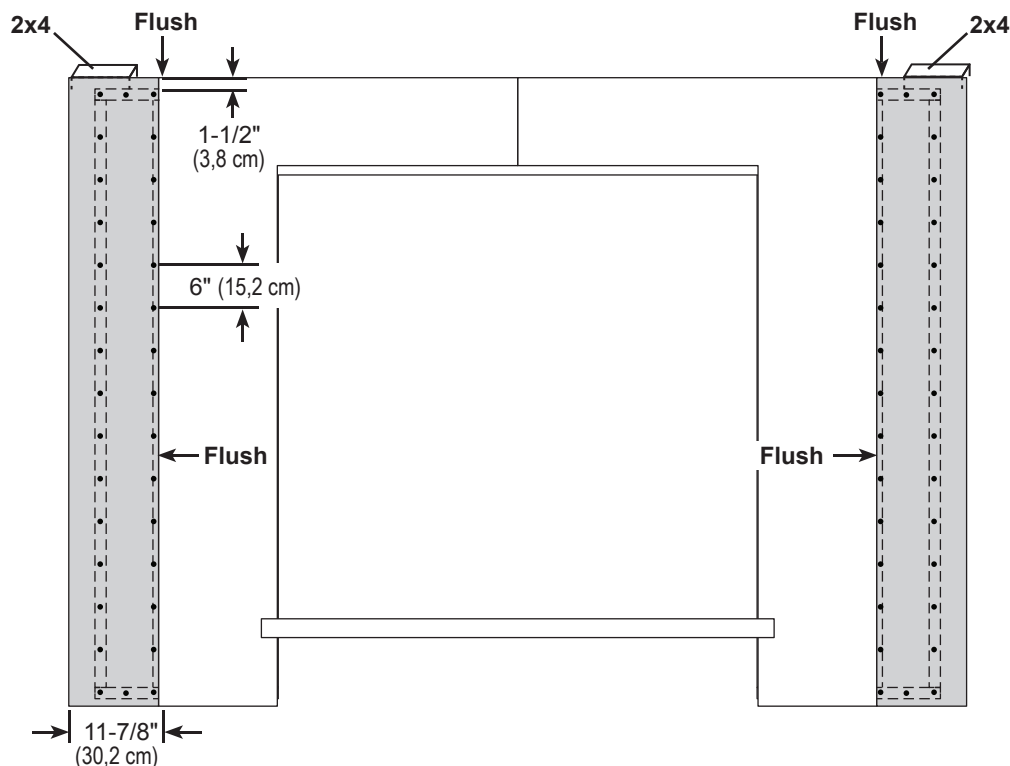
Secure panels with 2" nails spaced 6" apart on edges.



5

Install (2) 11-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate.

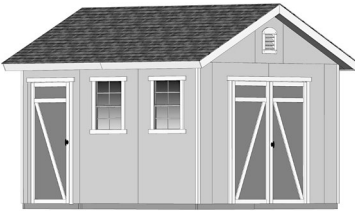
Secure panels with 2" nails spaced 6" apart on edges.



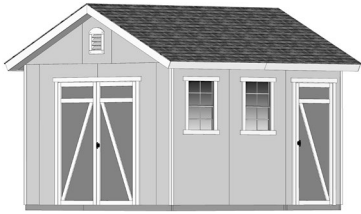
Your 10' gable wall with door is now assembled. Carefully flip the wall over.



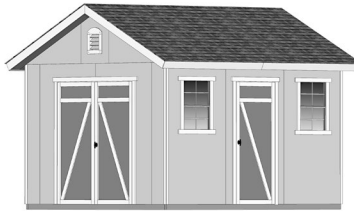
**CHOOSE YOUR SINGLE DOOR LOCATION - LEFT , RIGHT or CENTER.**



**OPTION 1**



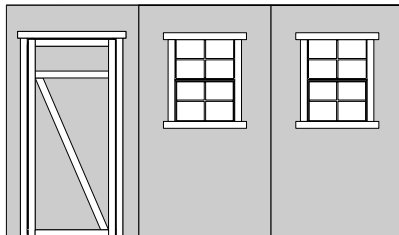
**OPTION 2**



**OPTION 3**



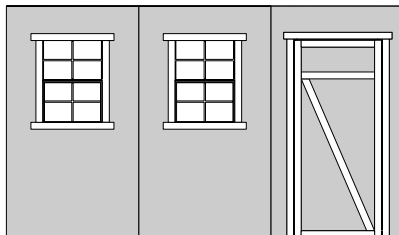
**OPTION 4**



**OPTION 1:**  
DOOR LOCATION  
LEFT SIDE OF EAVE WALL



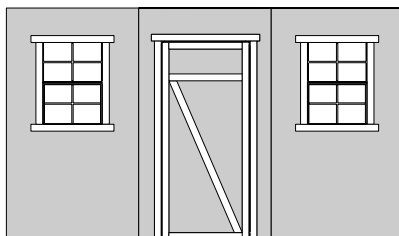
**IF YOU CHOOSE TO LOCATE THE *DOOR TOWARD THE LEFT*  
GO TO Page 27 TO BEGIN BUILDING YOUR WALL.**



**OPTION 2:**  
DOOR LOCATION  
RIGHT SIDE OF EAVE WALL



**IF YOU CHOOSE TO LOCATE THE *DOOR TOWARD THE RIGHT*  
GO TO Page 30 TO BEGIN BUILDING YOUR WALL.**


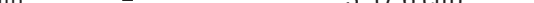


**OPTION 3 and 4:**  
DOOR LOCATION  
IN THE CENTER OF EAVE WALL



**IF YOU CHOOSE TO LOCATE THE *DOOR CENTERED*  
GO TO Page 33 TO BEGIN BUILDING YOUR WALL.**

***EAVE SIDE WALL WITH DOOR LEFT***

**PARTS REQUIRED:** x2  2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm) x52  3" (7,6 cm)

**x2** **AO**  
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

**x1** **SP**  
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

**x2** **TM**  
2 x 4 x 72" (5,1 x 10,2 x 182,8 cm)

<b>x8</b>	<b>Al</b>
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)	

**x1** **TP**  
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



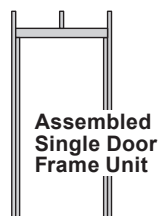
1

- HINT:**  
For easier nailing  
stand on frame.



## EAVE SIDE WALL WITH DOOR LEFT

### PARTS REQUIRED:



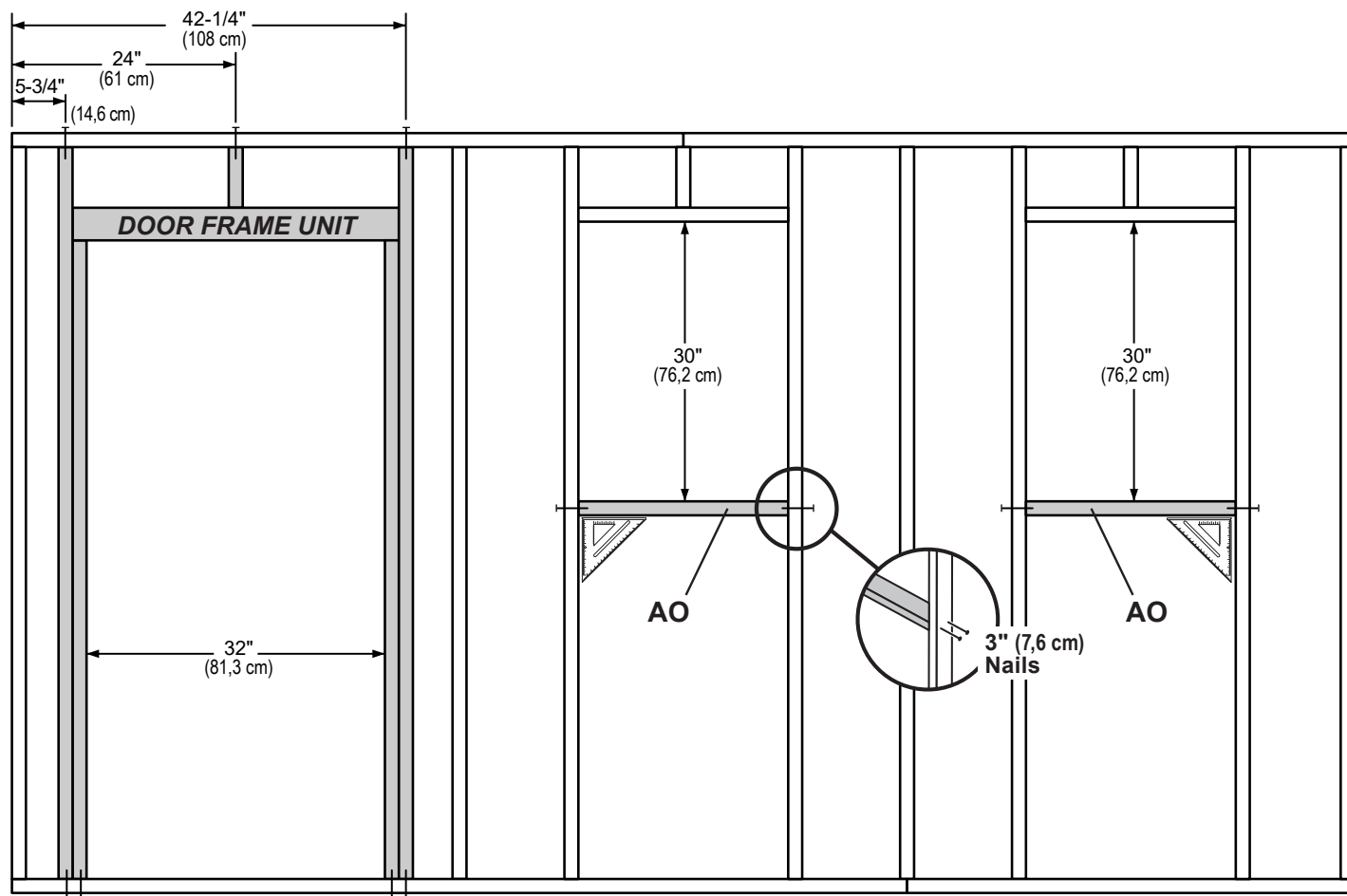
x2 **AO**

2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

x22 3" (7,6 cm)

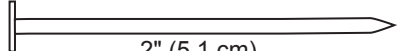


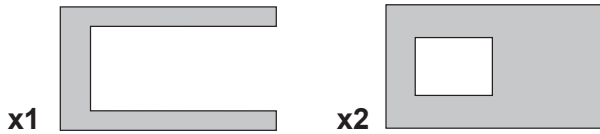
- 2 Arrange parts on edge on floor, as shown. Measure and mark from end of boards.  
Place the **Door Frame Unit** at measurements shown.  
Secure parts with (2) 3" nails at each connection.



## EAVE SIDE WALL WITH DOOR LEFT

### PARTS REQUIRED:

x207  2" (5,1 cm)

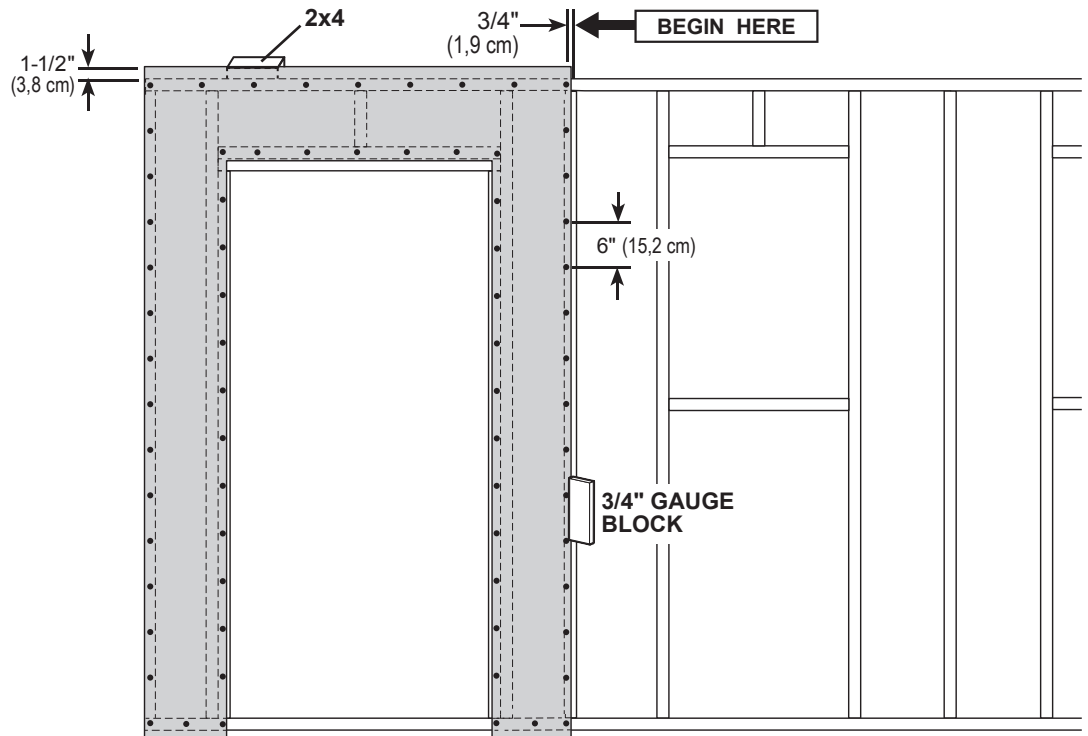


3

Install **48" x 84"** door panel 1-1/2" from the top plate.

Use a 2x4 spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12" inside panel.

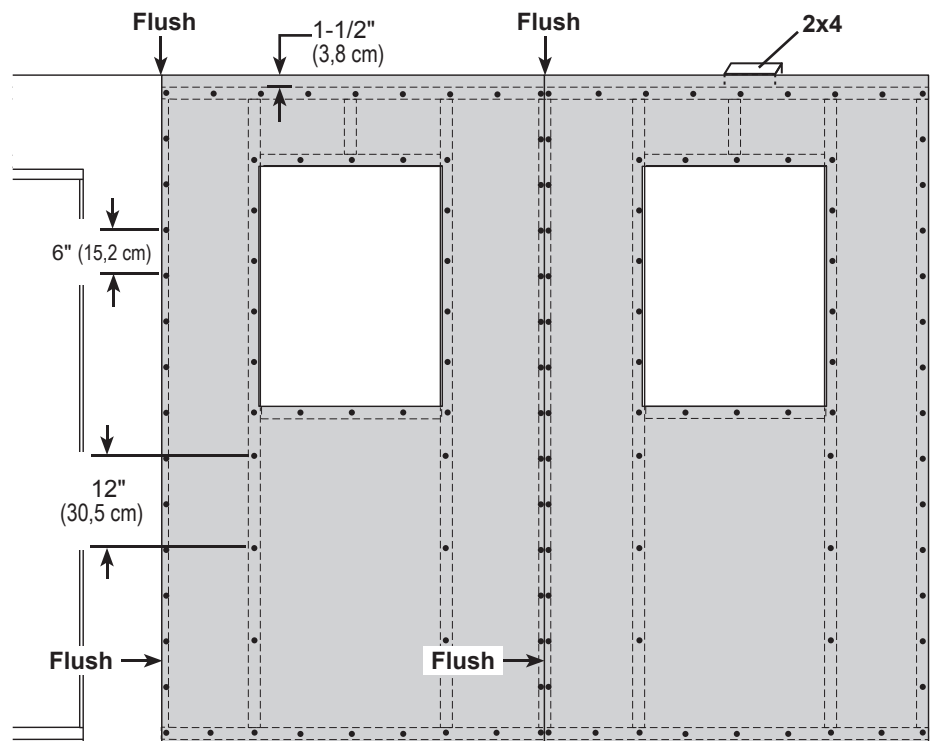


4

Install (2) **48" x 84"** window panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



Your 12' eave wall is now assembled.  
Carefully flip the wall over.



**GO TO Page 40**

## EAVE SIDE WALL WITH DOOR RIGHT

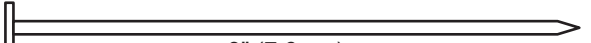
### PARTS REQUIRED:

x2 **AO**  
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

x1 **SP**  
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x2 **TM**  
2 x 4 x 72" (5,1 x 10,2 x 182,8 cm)

x2 **UY**  
2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm)

x52  3" (7,6 cm)

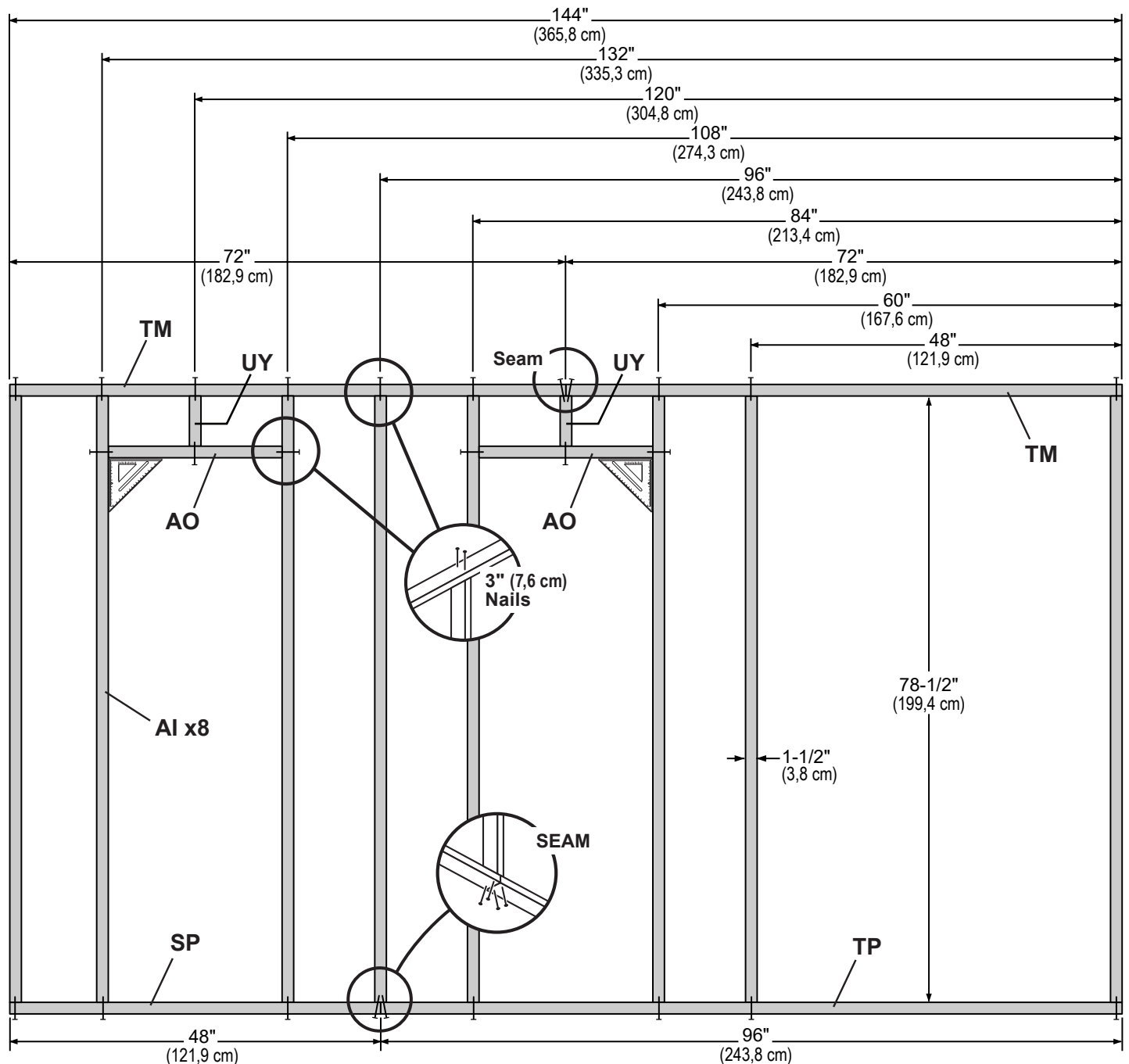
x8 **AI**  
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 **TP**  
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



### BEGIN

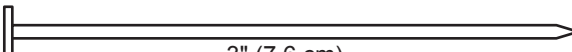
- 1 Arrange parts on edge on floor. Measure and mark from end of boards.  
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

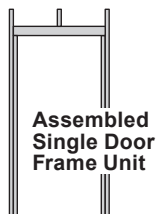




## EAVE SIDE WALL WITH DOOR RIGHT

### PARTS REQUIRED:

x22  3" (7,6 cm)



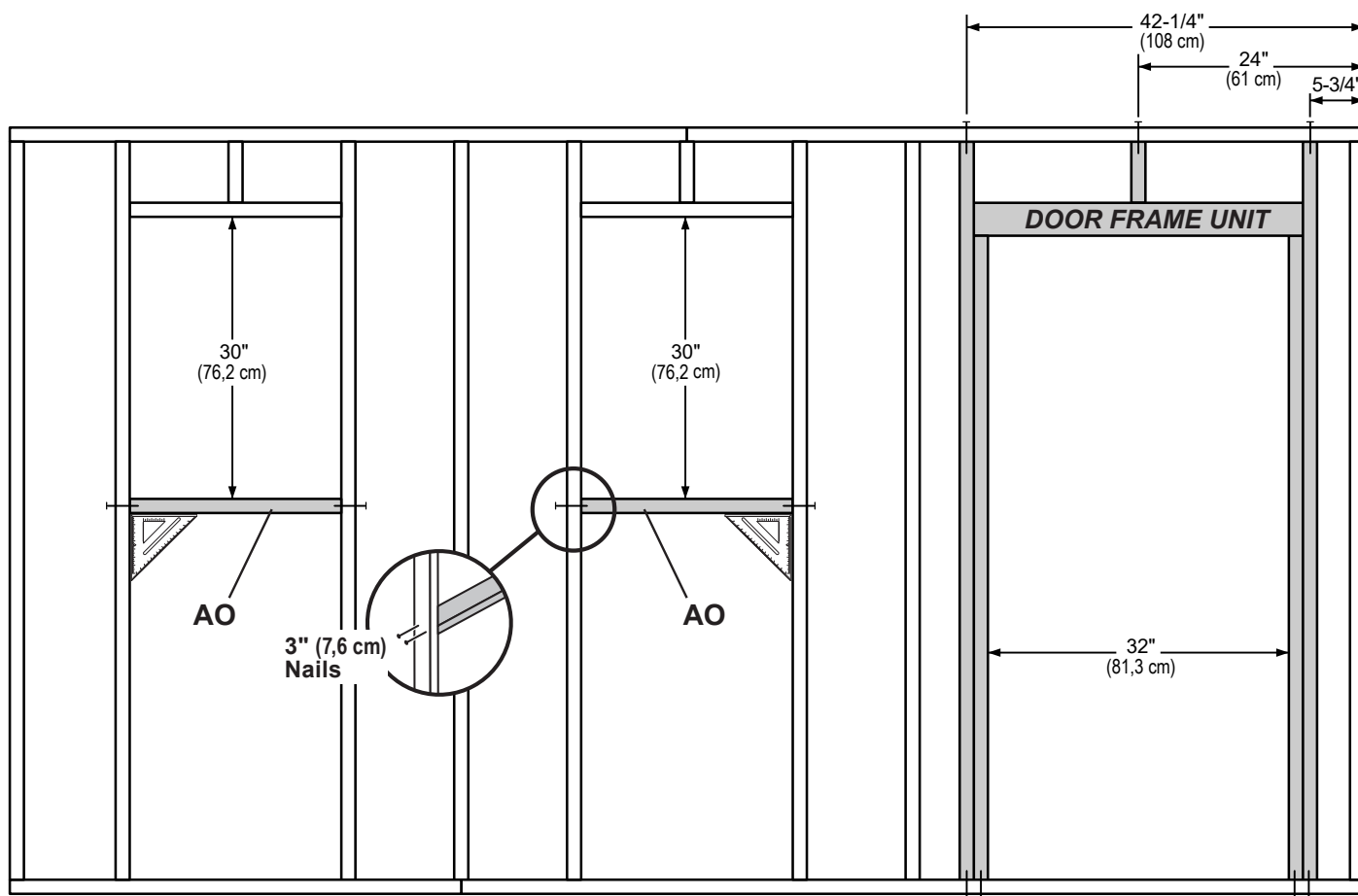
x2 **AO**  
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)



- 2 Arrange parts on edge on floor, as shown. Measure and mark from end of boards.

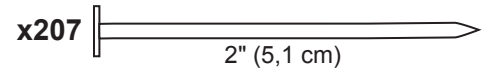
Place the **Door Frame Unit** at measurements shown.

Secure parts with (2) 3" nails at each connection.



## EAVE SIDE WALL WITH DOOR RIGHT

### PARTS REQUIRED:

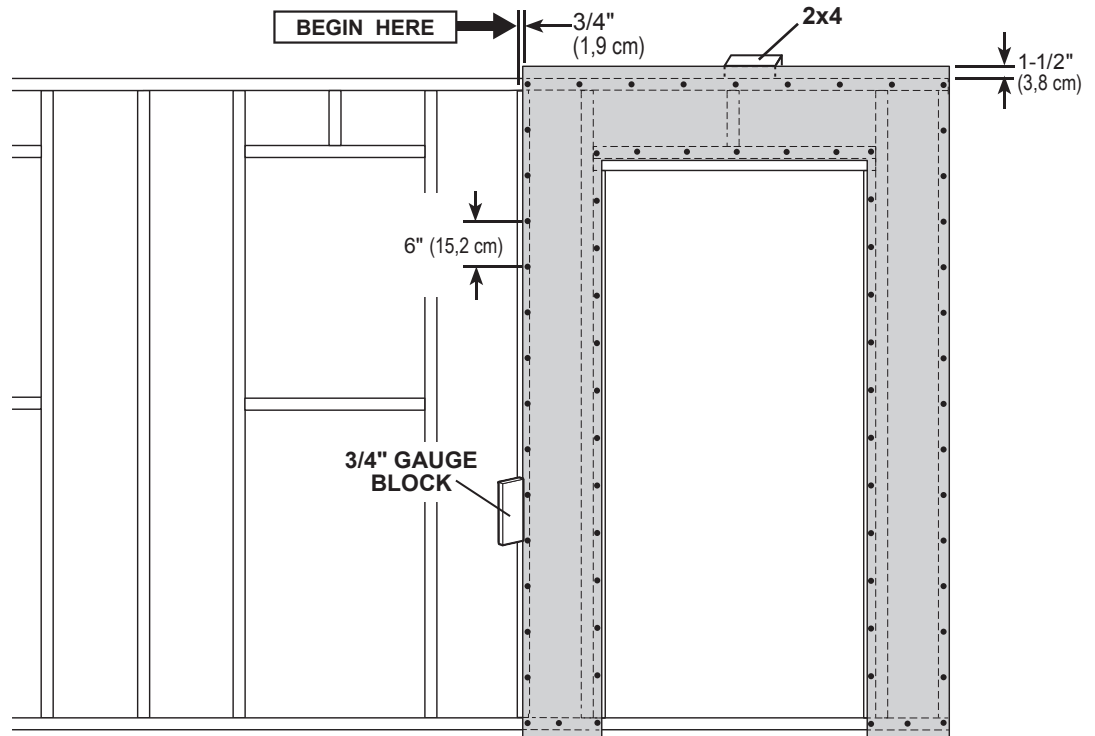


3

Install **48" x 84"** door panel 1-1/2" from the top plate.

Use a 2x4 spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12" inside panel.

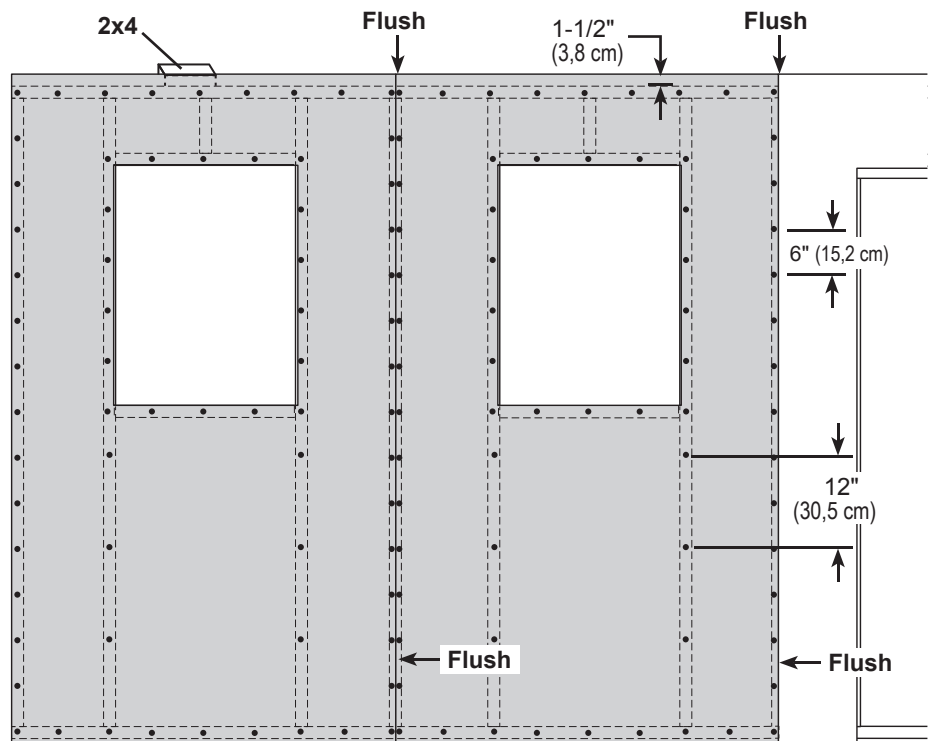


4

Install (2) **48" x 84"** window panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



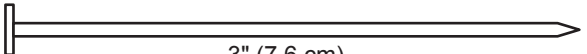
Your 12' eave wall is now assembled.  
Carefully flip the wall over.



GO TO Page 40

## EAVE SIDE WALL WITH DOOR CENTERED

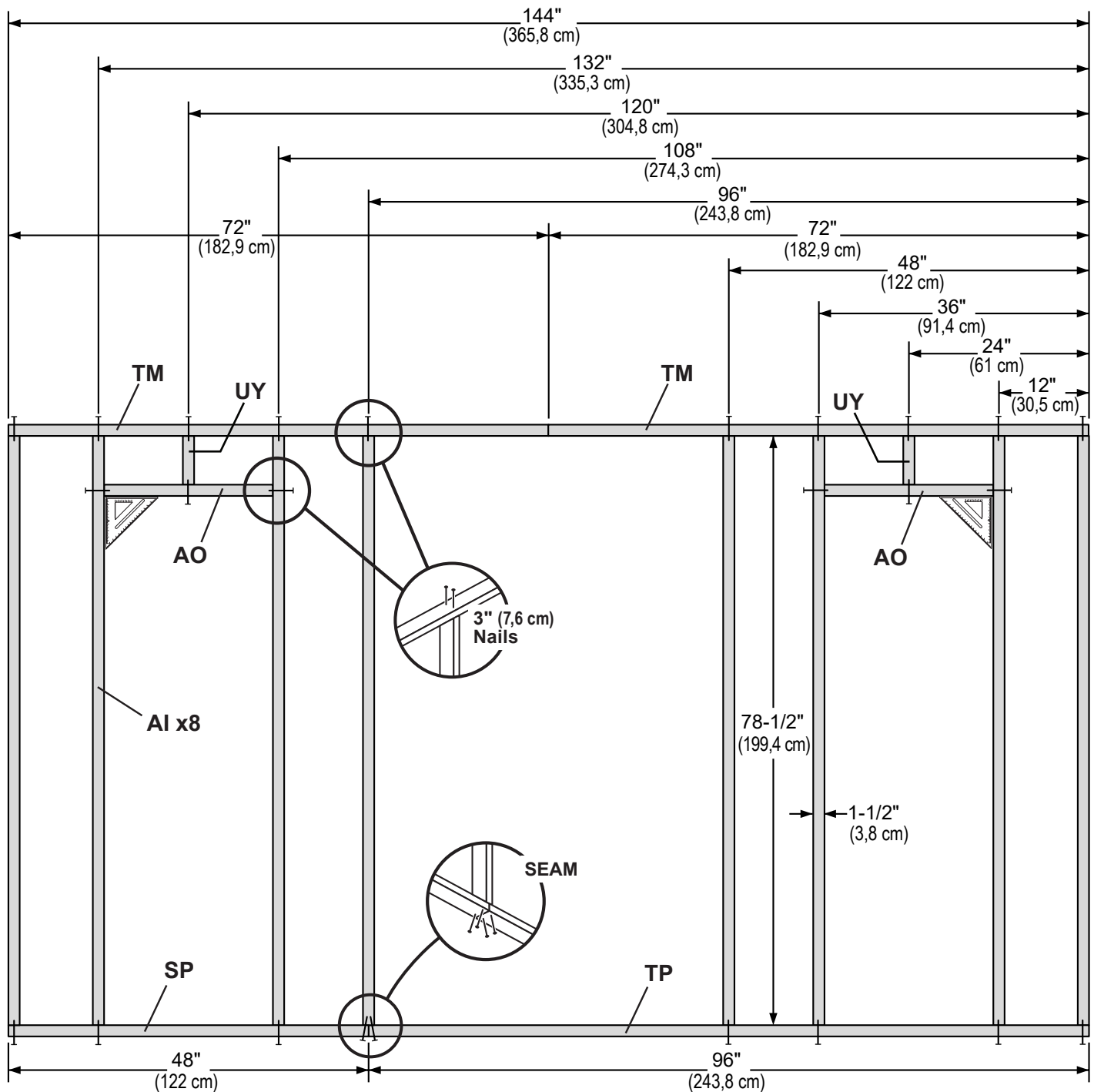
### PARTS REQUIRED:

x2	<b>AO</b>	2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm)	x50		3" (7,6 cm)
		2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)			
x1	<b>SP</b>	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)	x8	<b>AI</b>	2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
x2	<b>TM</b>	2 x 4 x 72" (5,1 x 10,2 x 182,8 cm)	x1	<b>TP</b>	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



### BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.  
Secure with (2) 3" nails at each connection and (4) 3" nails at seam.

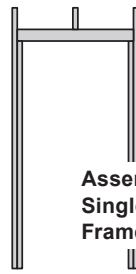


## EAVE SIDE WALL WITH DOOR CENTERED

### PARTS REQUIRED:

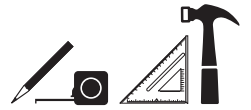
x2 **AO**

2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)



Assembled  
Single Door  
Frame Unit

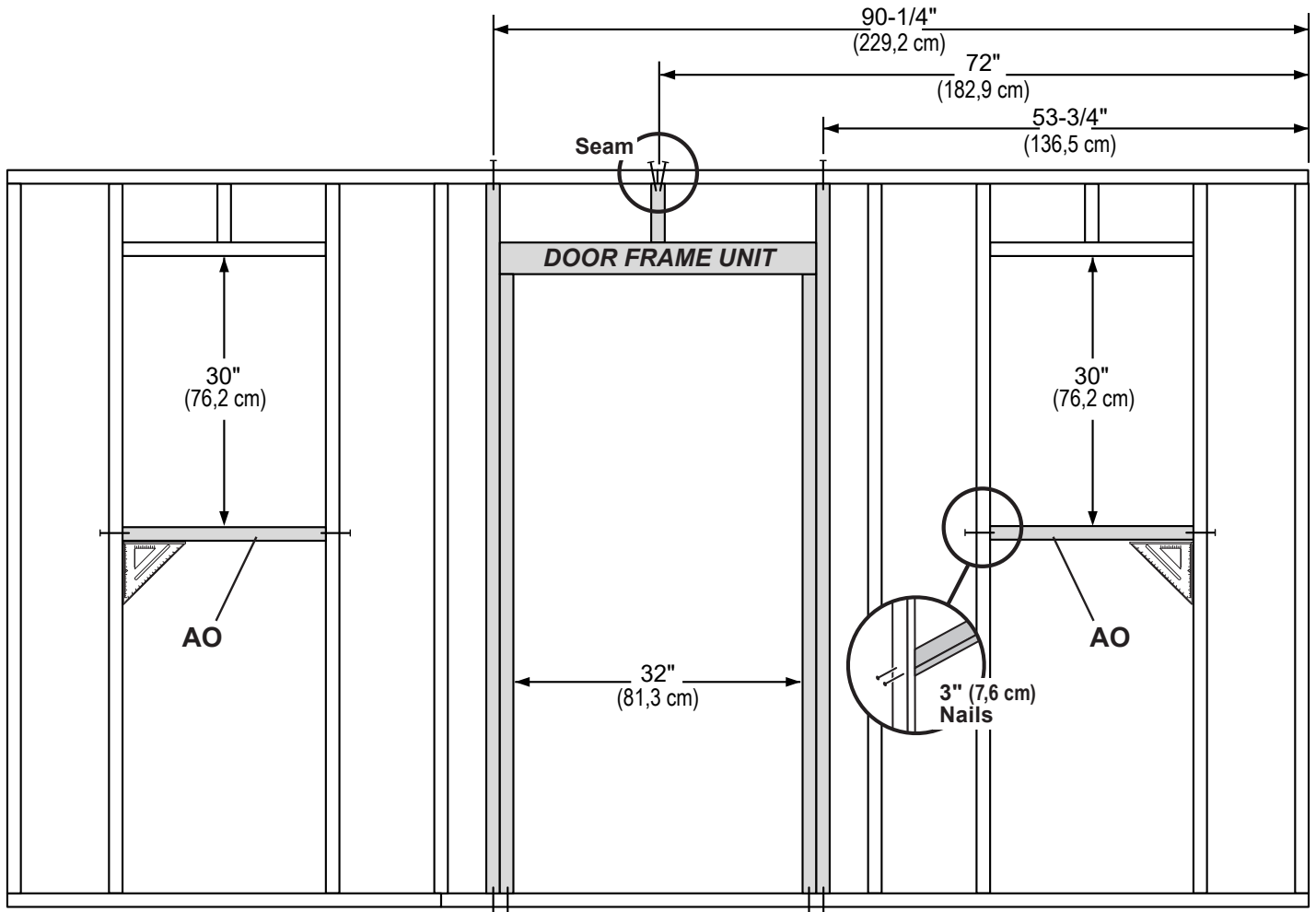
x24 3" (7,6 cm)



**2** Arrange parts on edge on floor, as shown. Measure and mark from end of boards.

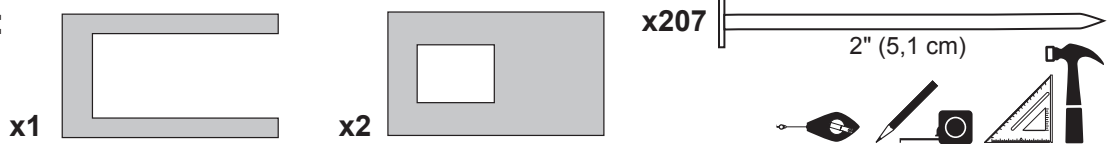
Place the **Door Frame Unit** at measurements shown.

Secure parts with (2) 3" nails at each connection and with (4) 2" nails at seam.



## EAVE SIDE WALL WITH DOOR CENTERED

### PARTS REQUIRED:

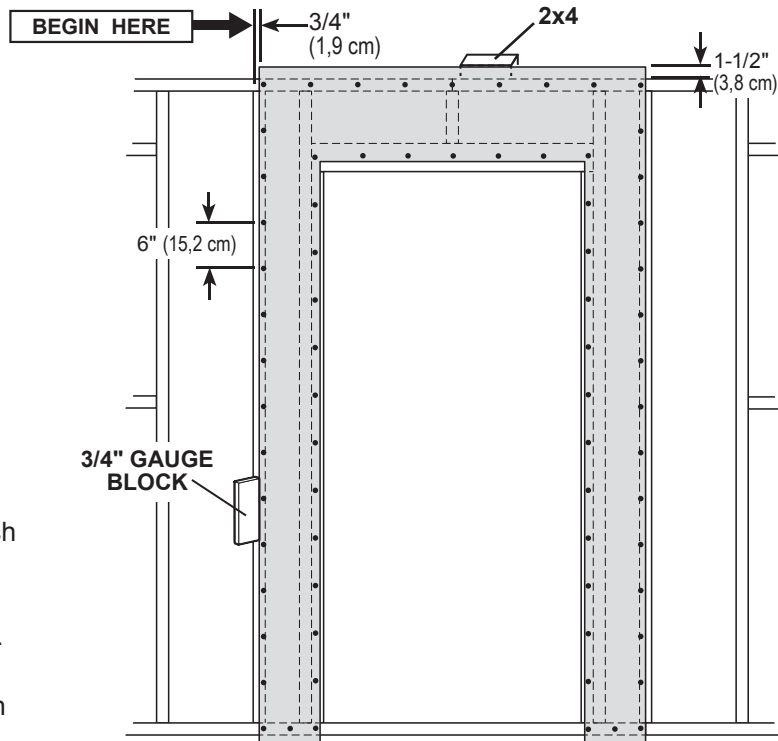


3

Install **48" x 84"** door panel 1-1/2" from the top plate.

Use a 2x4 spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12" inside panel.

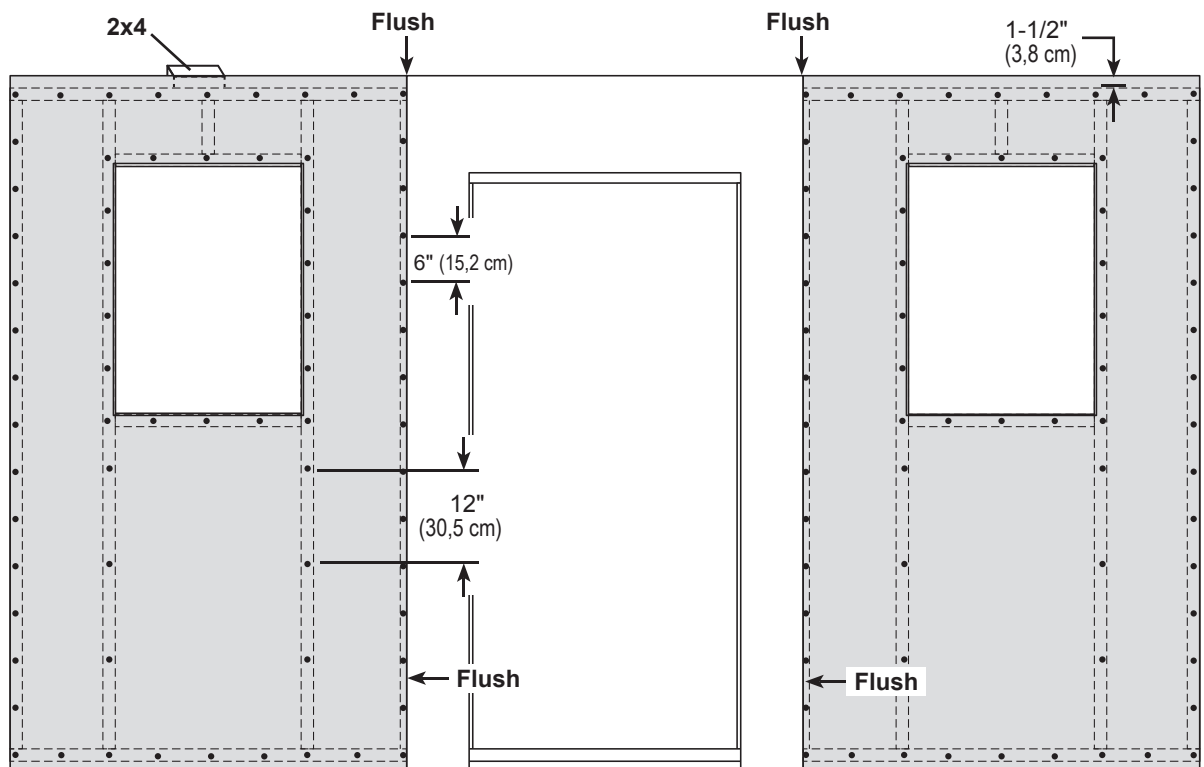


4

Install (2) **48" x 84"** window panels flush to installed panel.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



Your 12' eave wall is now assembled. Carefully flip the wall over.



GO TO Next Page

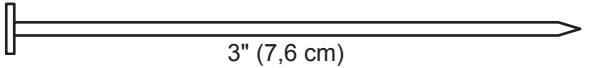
## EAVE SIDE WALL FRAME

### PARTS REQUIRED:

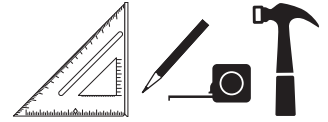
**x2 TM**  
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

**x7 AI**  
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

**x1 TP**  
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

**x32**  3" (7,6 cm)

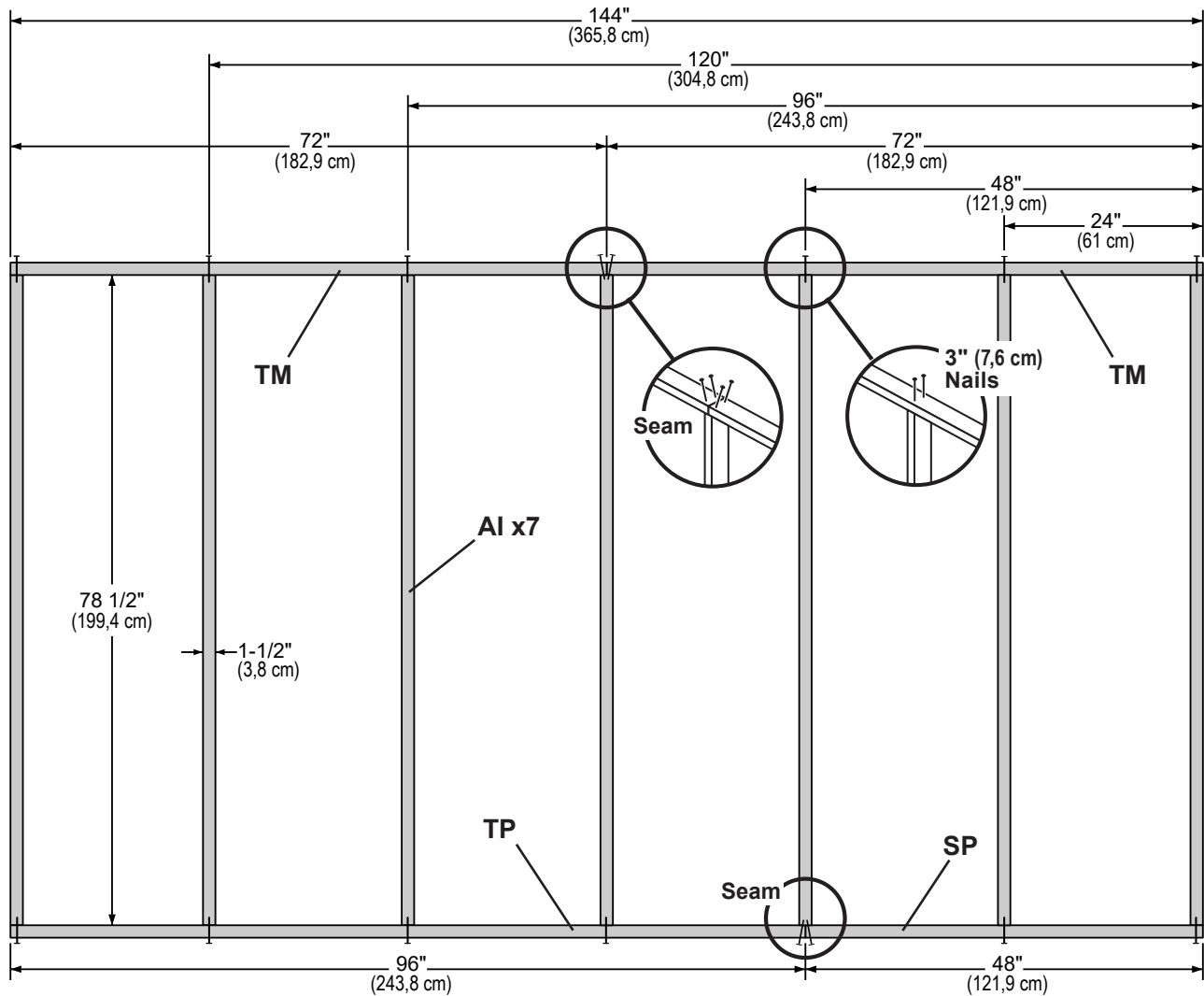
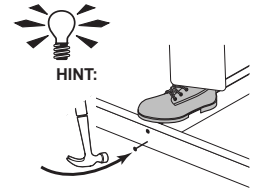
**x1 SP**  
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)



### ✓ BEGIN

**1**

Arrange parts on edge on floor. Measure and mark from end of boards.  
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.



## EAVE SIDE WALL PANELS

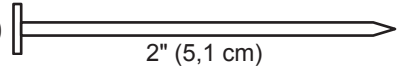
### PARTS REQUIRED:

x3



48 x 84"  
(121,9 x 213,4 cm)

x150

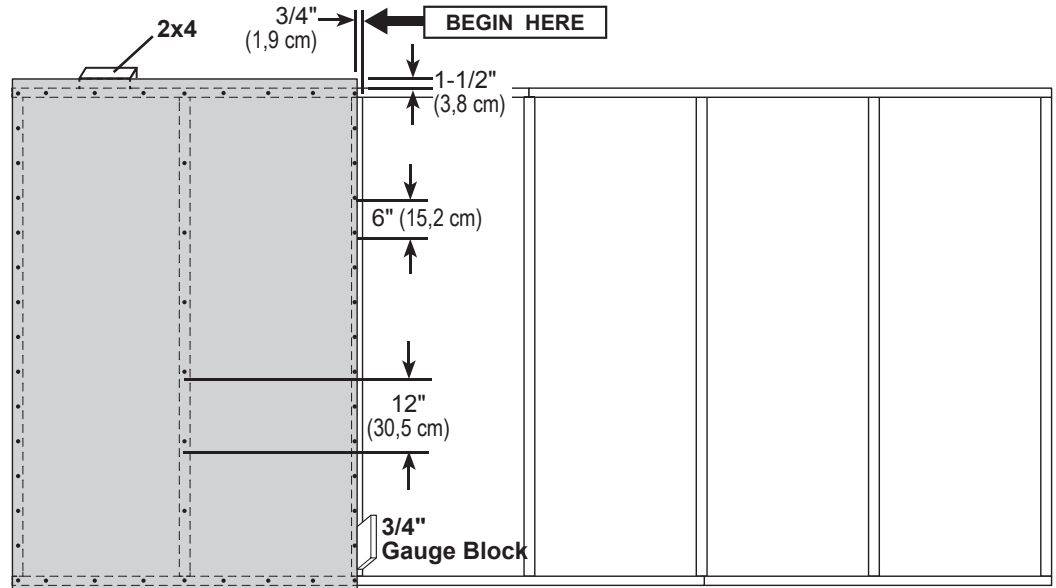


2

Install **48" x 84"** panel  
1-1/2" from the top plate.

Use a 2x4 spacer for  
consistent measurement.

Secure panel with 2" nails  
spaced 6" apart on edges  
and 12" inside panel.

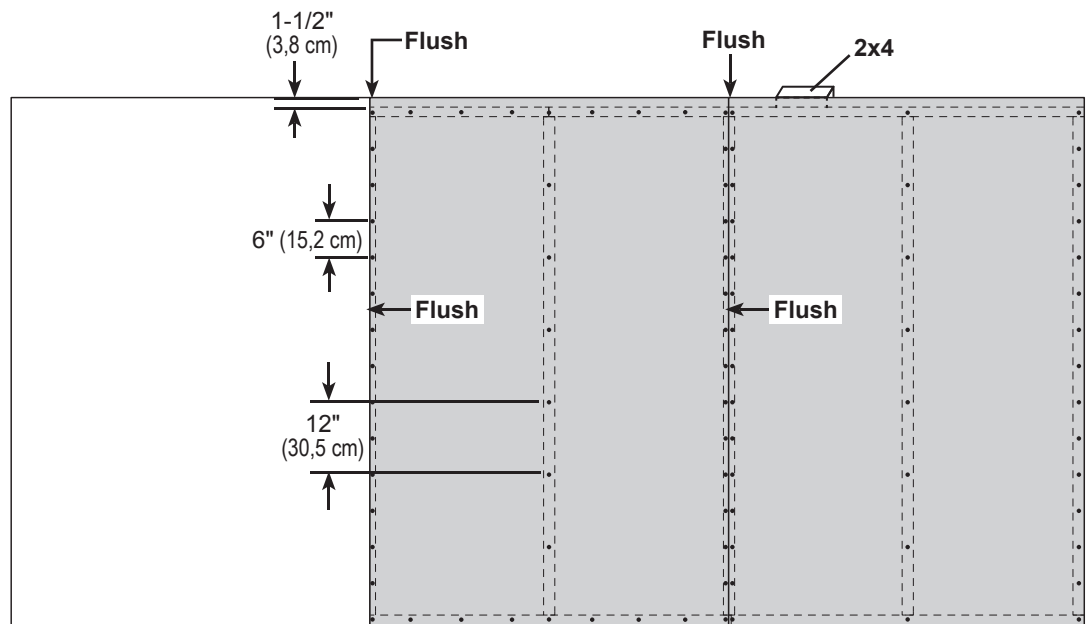


3

Install (2) **48" x 84"** panels  
flush to installed panels.

Locate panels 1-1/2" from  
the top plate.

Secure with 2" nails spaced  
6" apart on edges and 12"  
apart inside panel.

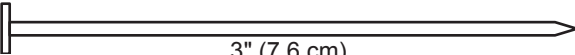


Your 12' wall is now assembled.

Carefully flip the wall over.

## GABLE END WALL

### PARTS REQUIRED:

x28  3" (7,6 cm)

x2 **STL**  
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)

x6 **AI**  
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

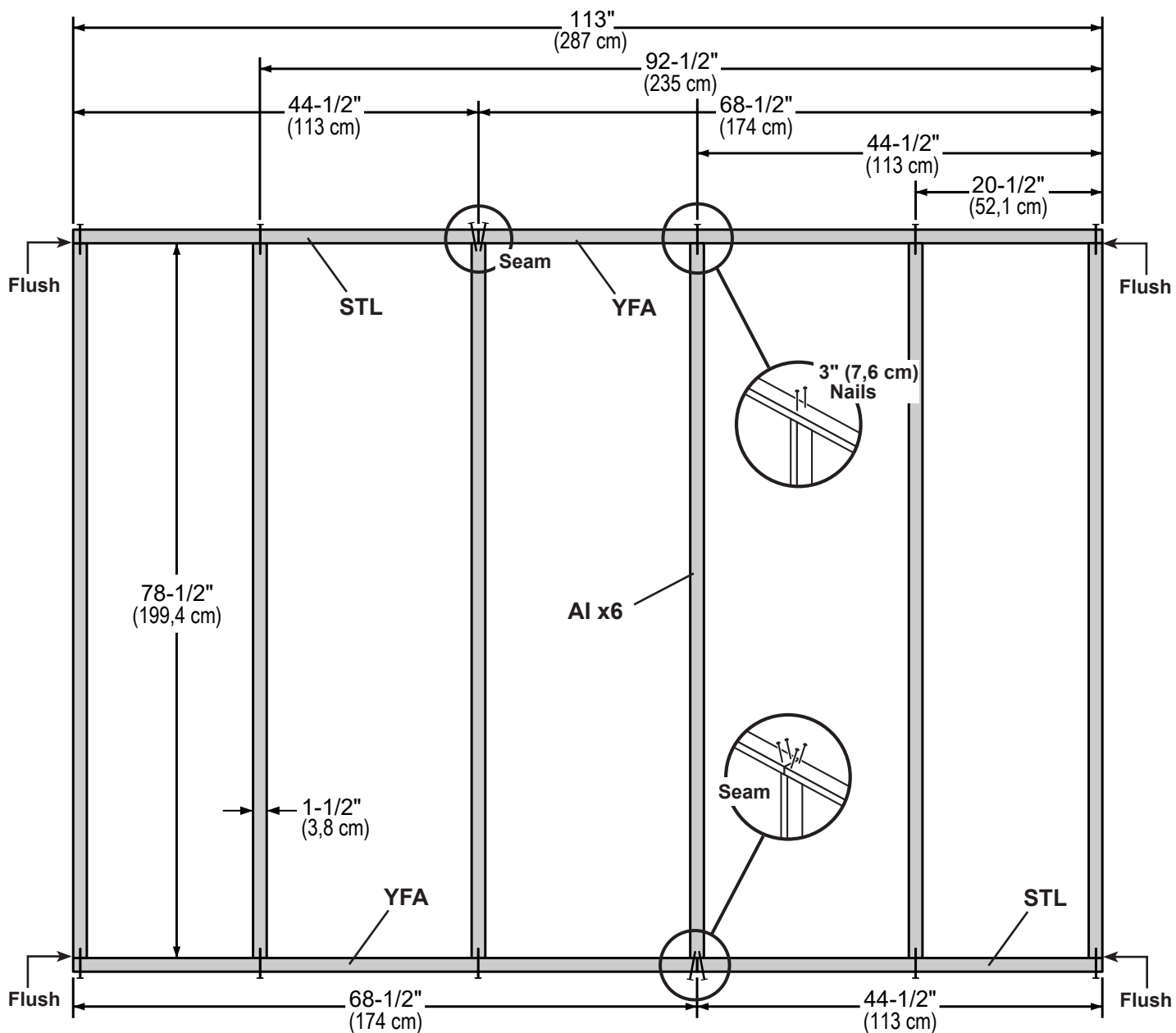
x2 **YFA**  
2 x 4 x 68-1/2" (5,1 x 10,2 x 173,9 cm)



### ✓ BEGIN

**1** Arrange parts on edge on floor. Measure and mark from end of boards.

Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

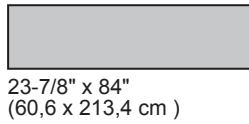




## GABLE END WALL

### PARTS REQUIRED:

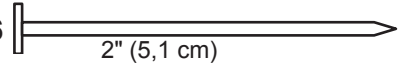
x1



x2



x136

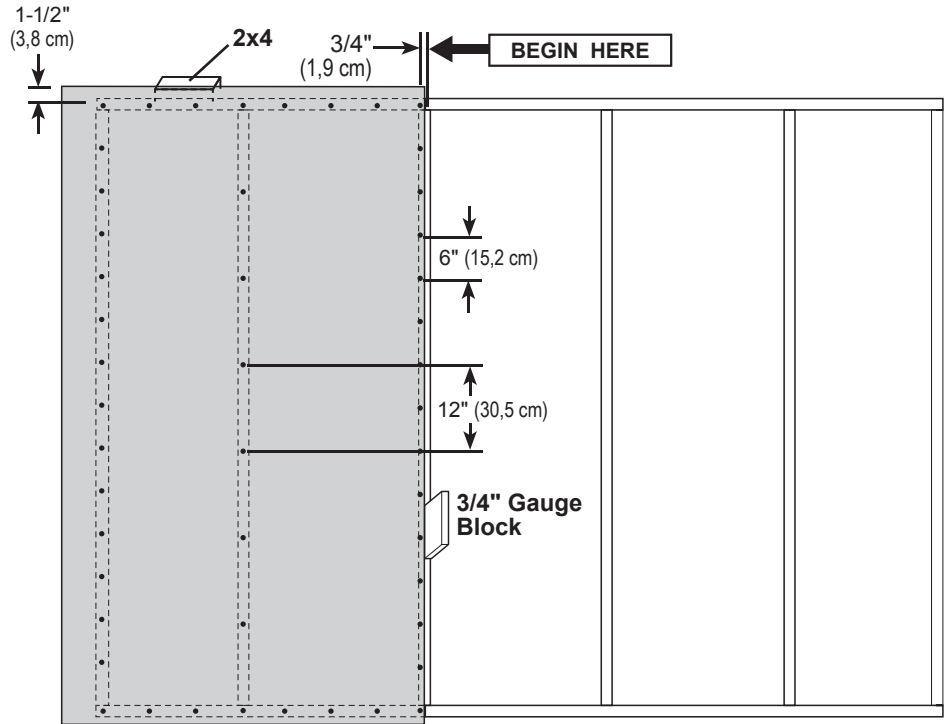


2

Install **48" x 84"** panel 1-1/2" from the top plate.

Use a 2x4 spacer for consistent measurement.

Secure panel with 2" nails spaced 6" apart on edges and 12" inside panel.

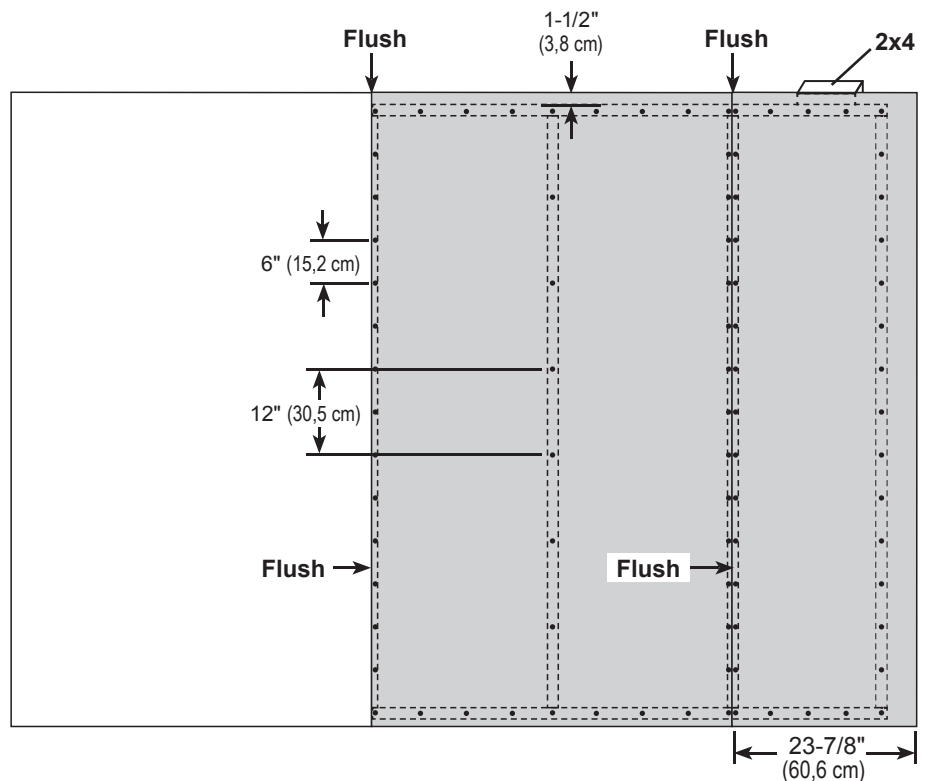


3

Install the **48" x 84"** and **23-7/8" x 84"** panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

Secure with 2" nails spaced 6" apart on edges and 12" apart inside panel.



Your 10' wall is now assembled.  
Carefully flip the wall over.

## EAVE WALL WITH SINGLE DOOR & WINDOW

### PARTS REQUIRED:

x1 **TJ** *Temporary Brace*  
2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)

x14 3" (7,6 cm)  
x2 3" (7,6 cm)  
x24 2" (5,1 cm)

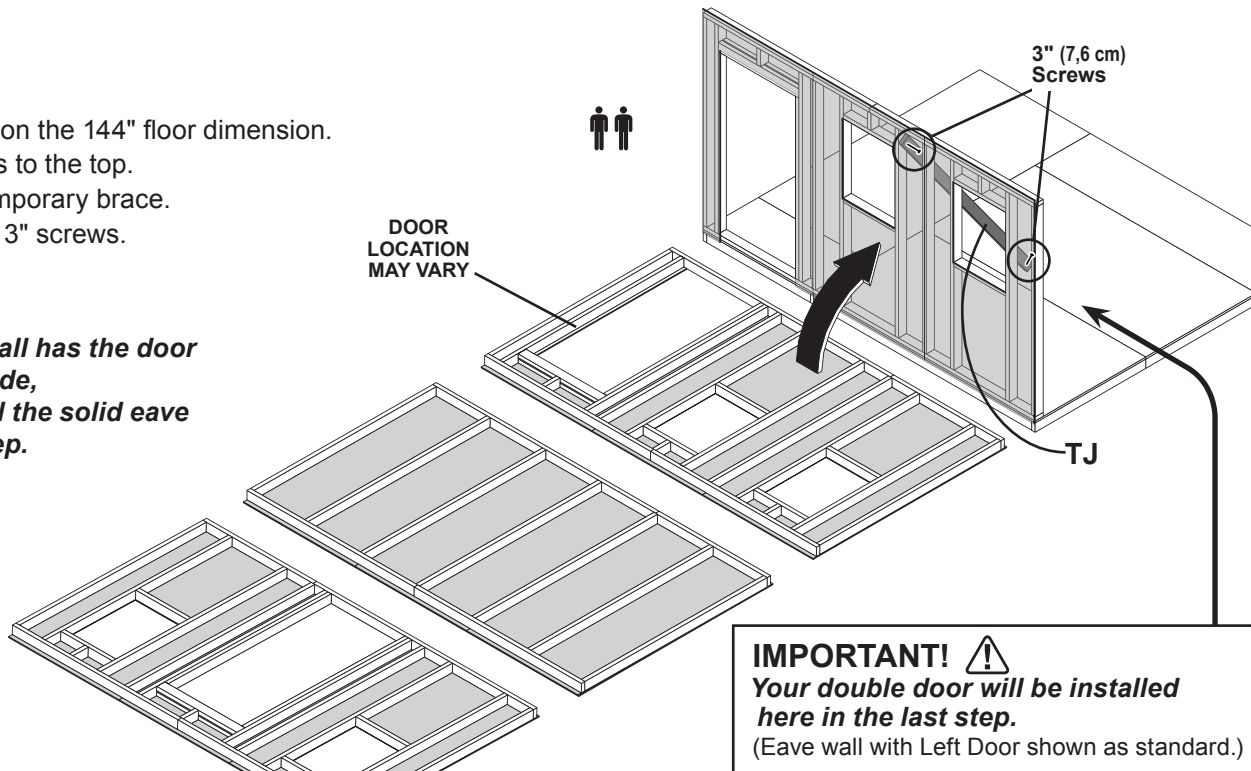


### ✓ BEGIN 1

Center 12' wall on the 144" floor dimension.  
1-1/2" overlap is to the top.  
Use **TJ** as a temporary brace.  
Secure with (2) 3" screws.

#### NOTE:

*If your eave wall has the door on the right side, you will install the solid eave wall in this step.*



### 2

Secure lower edge of panels to floor frame with 2" nails spaced 6" apart.  
Angle nails into floor frame (**Fig. A**).

### 3

Secure wall bottom plates to floor with 3" nails (**Fig. A**).

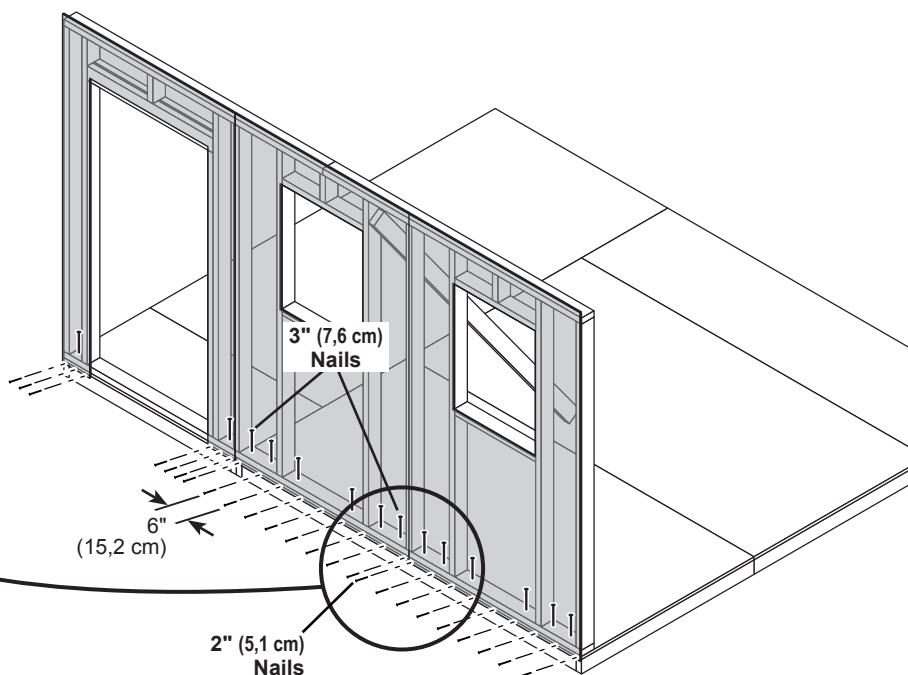


Nail 2" nails first.

2" (5,1 cm) Nails

3" (7,6 cm) Nails

**Fig. A**



Your 12' eave wall is now standing.

## 10' GABLE END WALL

### PARTS REQUIRED



x1		x2	
x10		x23	
		x13	

#### ✓ BEGIN

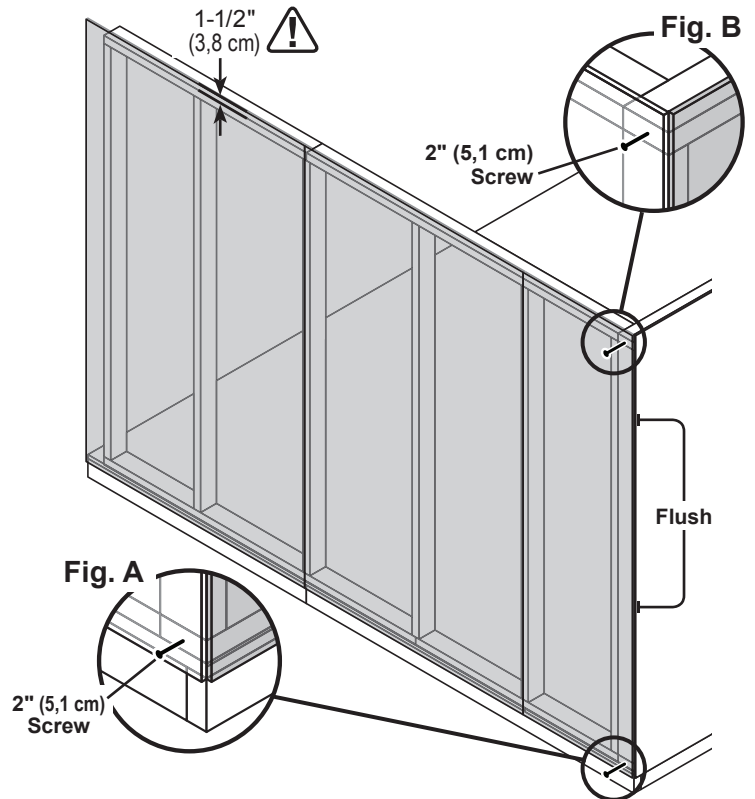
1

Install 10' wall centered on floor.  
1-1/2" overlap is to the top.

Secure wall with (1) 2" screw into 12' wall bottom plate (**Fig. A**) and top plate (**Fig. B**).

*Secure wall to bottom plate first.*

⚠ ENSURE PANEL CORNERS ARE FLUSH.



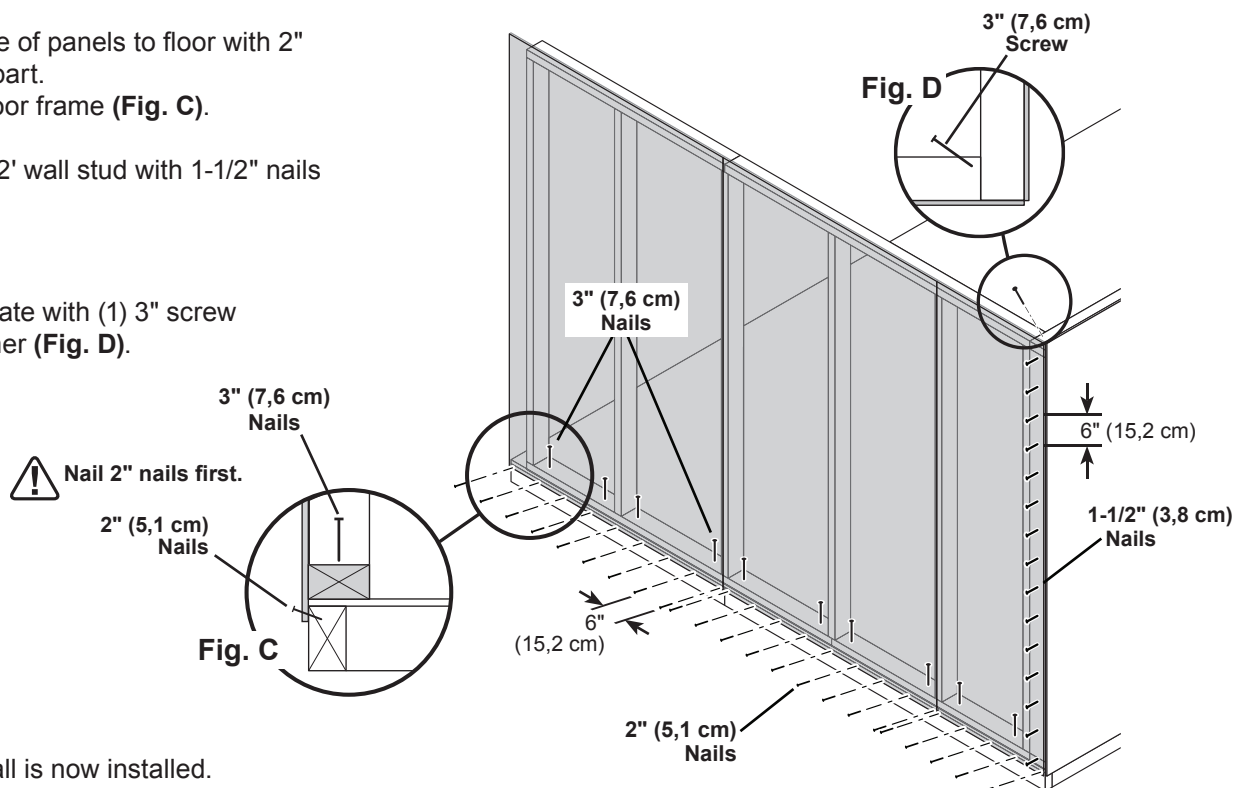
2

Secure lower edge of panels to floor with 2" nails spaced 6" apart.  
Angle nails into floor frame (**Fig. C**).

Secure panel to 12' wall stud with 1-1/2" nails spaced 6" apart.

3

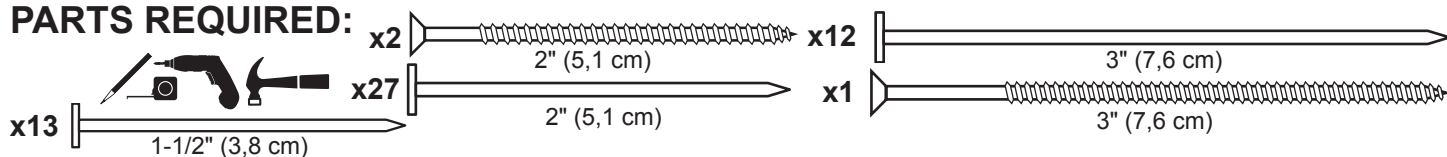
Secure wall top plate with (1) 3" screw angled at the corner (**Fig. D**).



Your 10' gable wall is now installed.

## EAVE SOLID WALL

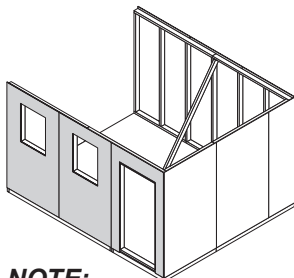
### PARTS REQUIRED:



#### ✓ BEGIN

1

Install the 12' wall centered on floor.  
1-1/2" overlap is to the top.



#### NOTE:

*If your eave wall has the door on the right side, install it in this step.*

2

Secure wall with (1) 2" screw through 10' gable wall panel into 12' wall bottom and top plates (**Fig. B, Fig. A**).

**Secure wall to bottom plate first.**

⚠ ENSURE PANEL CORNERS ARE FLUSH.

3

Secure lower edge of wall panels to floor frame with 2" nails spaced 6" apart.  
Angle nails into floor frame (**Fig. C**).

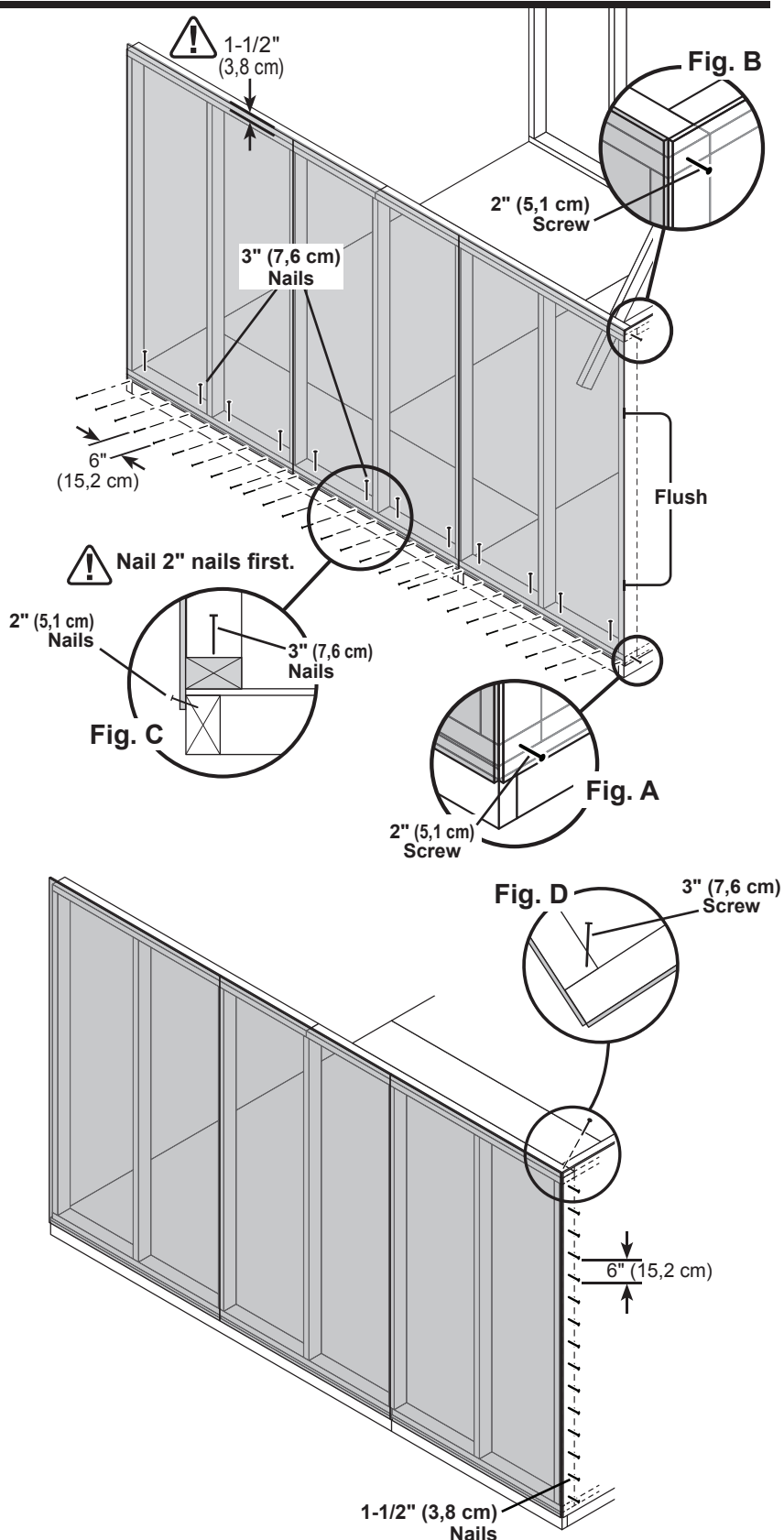
Secure wall bottom plates to floor with 3" nails (**Fig. C**).

4

Secure 10' wall panel to 12' wall stud with 1-1/2" nails spaced 6" apart.

5

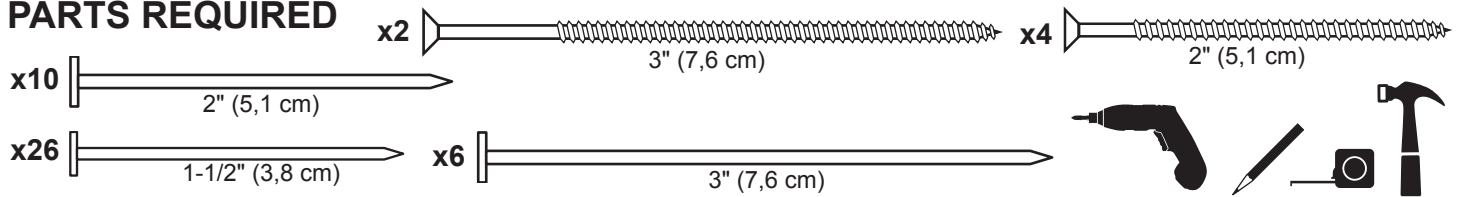
Secure gable wall top plate with (1) 3" screw angled at the corner (**Fig. D**).



Your 2nd 12' wall is now installed.

# GABLE DOOR WALL

## PARTS REQUIRED



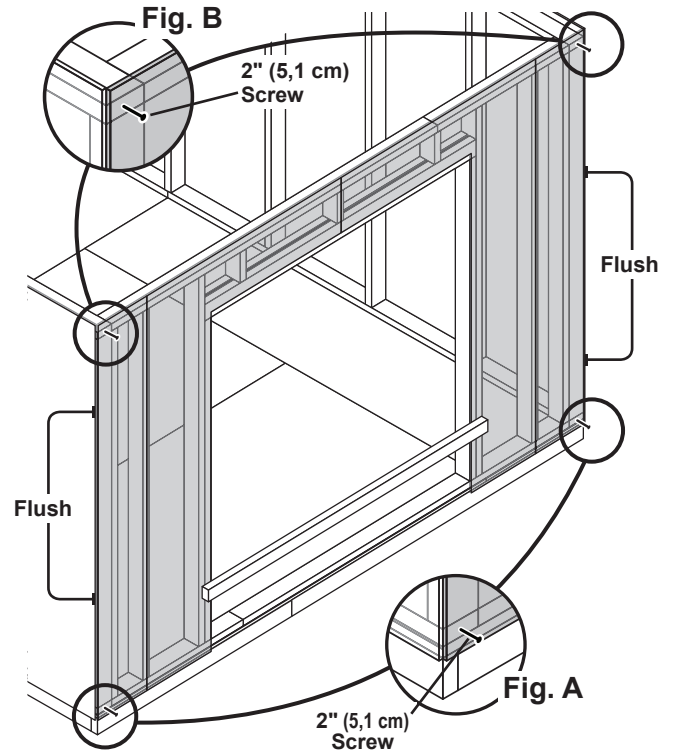
### BEGIN

- 1 Place 10' wall on floor centered between 12' walls.

Secure wall with 2" screws into top and bottom plates (Fig. A, Fig. B).

*Secure wall to bottom plate first.*

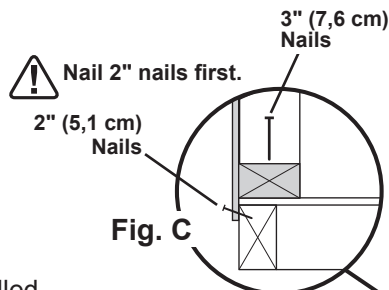
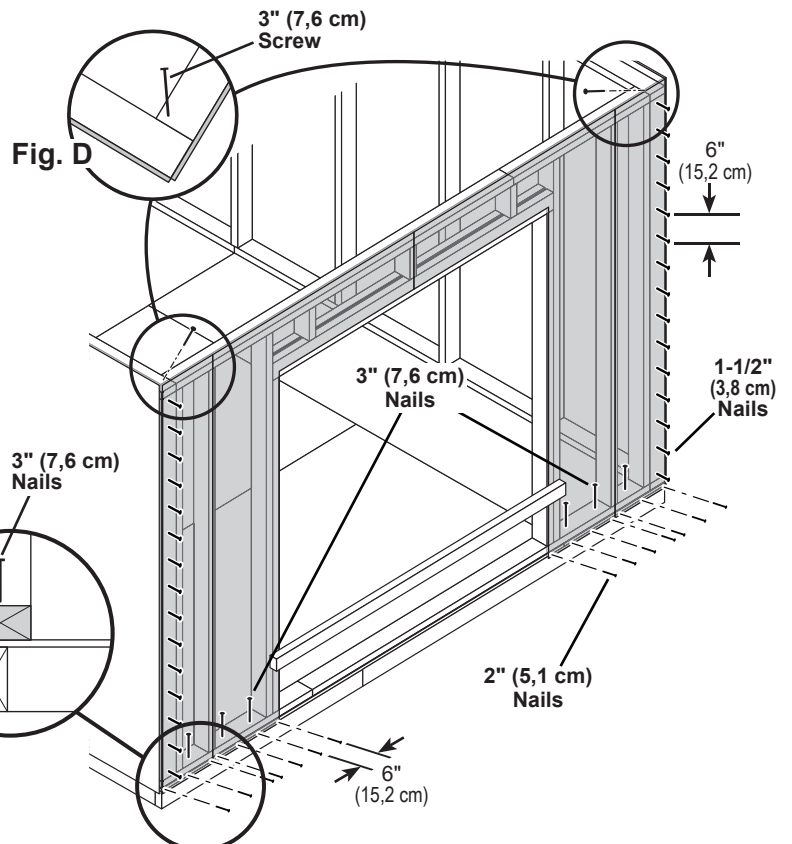
**⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠**



- 2 Nail lower edge of panels to floor with 2" nails spaced 6" apart. Angle nails into floor frame (Fig. C).

Nail panels to 12' wall studs with 1-1/2" nails spaced 6" apart.

- 3 Secure wall top plates with 3" screws at each corner at an angle (Fig. D).

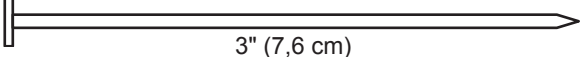


Your walls are now installed.

**CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.**

## WALL DOUBLERS

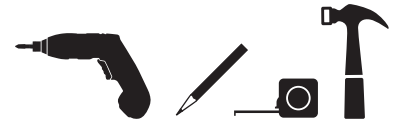
**PARTS REQUIRED:** x2 **RL**  
2 x 4 x 24" (5,1 x 10,2 x 61 cm)

x64  3" (7,6 cm)

x2 **STL**  
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)

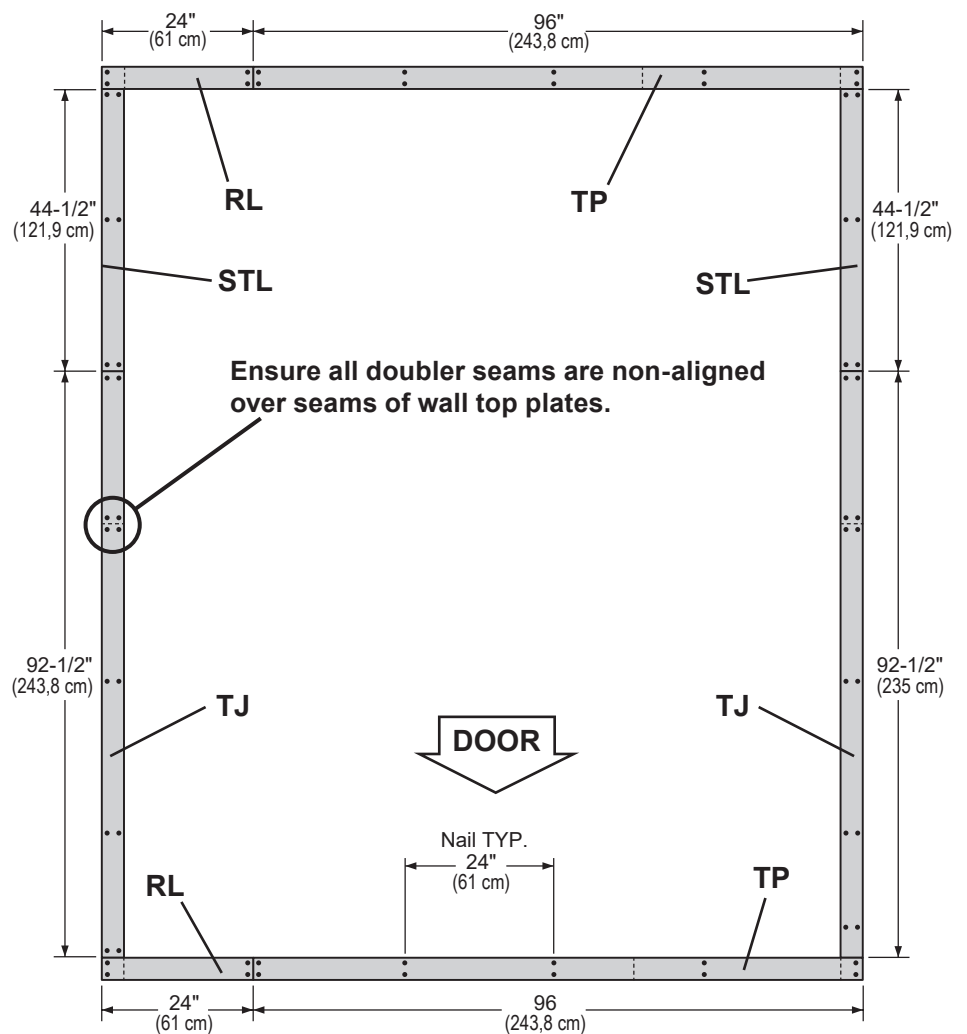
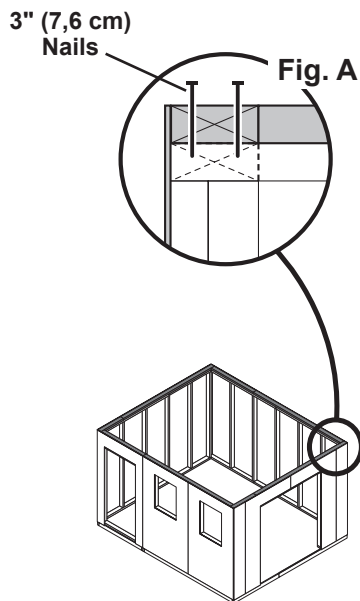
x2 **TJ**  
2 x 4 x 92-1/2" (5,1 x 10,2 x 234,9 cm)

x2 **TP**  
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



✓ **BEGIN**

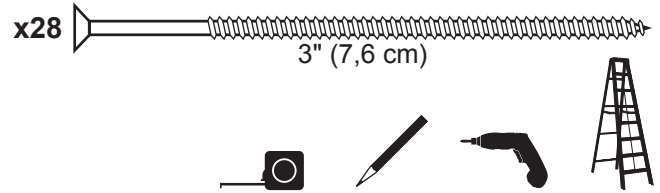
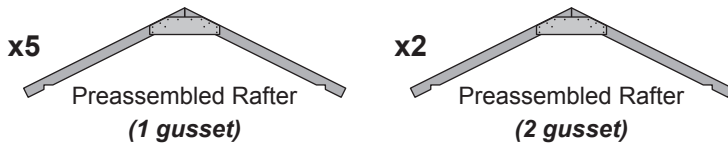
**1** Arrange parts on top of wall frames. Secure from top with (2) 3" nails spaced every 24" (**Fig. A**).



Your wall doublers are now installed.

# RAFTERS

## PARTS REQUIRED:



### ✓ BEGIN

- 1 Locate first rafter on top plate (**Fig. A**) aligned over studs at each side and tight to side wall (**Fig. B, Fig C**).  
*Rest notch on top plate.*
- 2 Secure rafter to top plate with (2) 3" screws above notch (**Fig. B, Fig C**).
- 3 Install remaining rafters on top plate, aligned over studs, as shown. Secure with 3" screws.

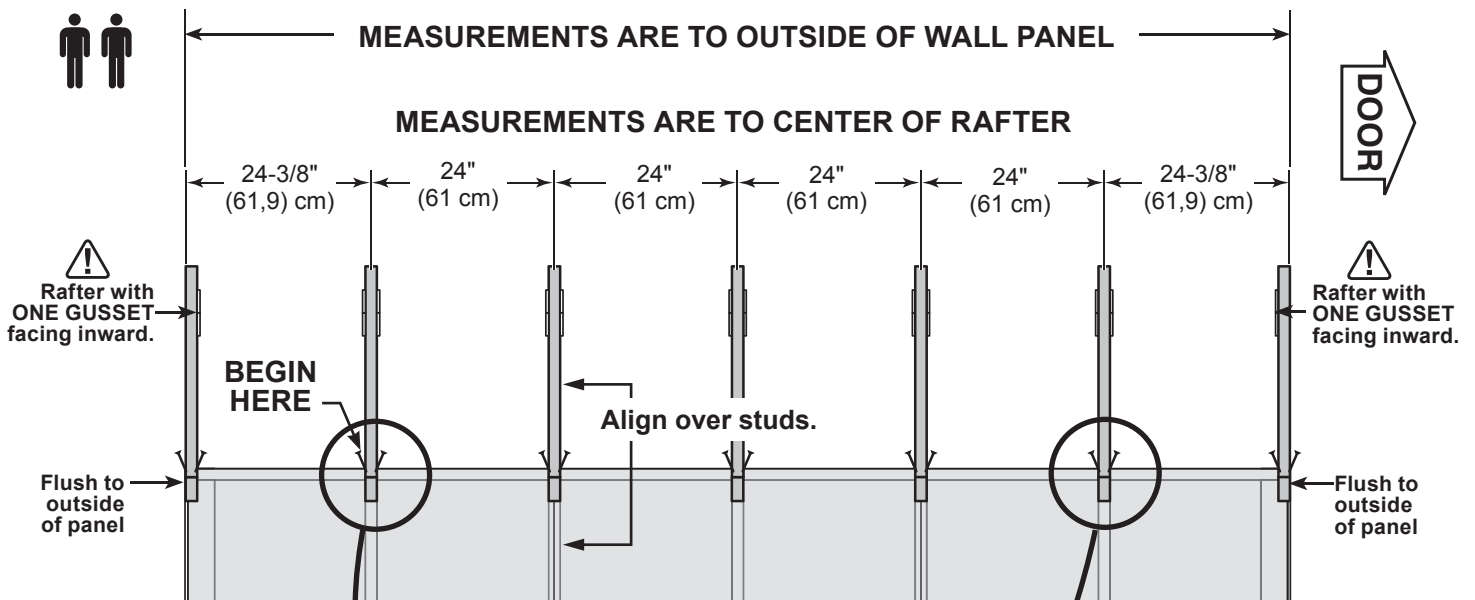
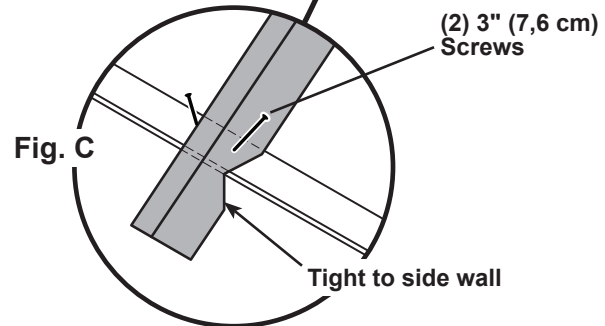
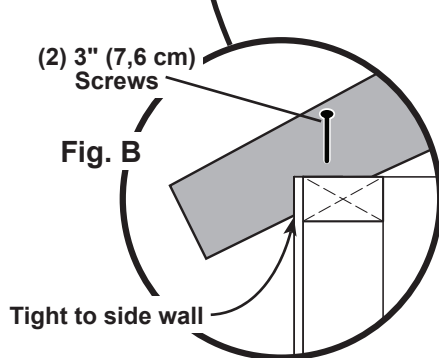


Fig. A

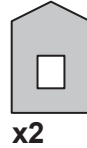
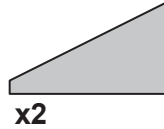


Your rafters are now installed.

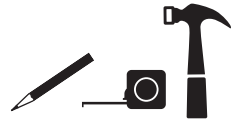
## GABLE PANELS

### PARTS REQUIRED:

x4 **UV**  
2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)



x32 1-1/2" (3,8 cm)

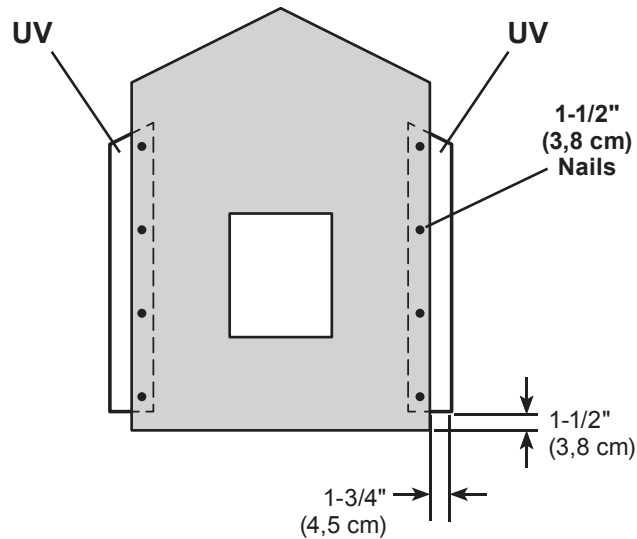


*Install all panels with the primed side facing up.*

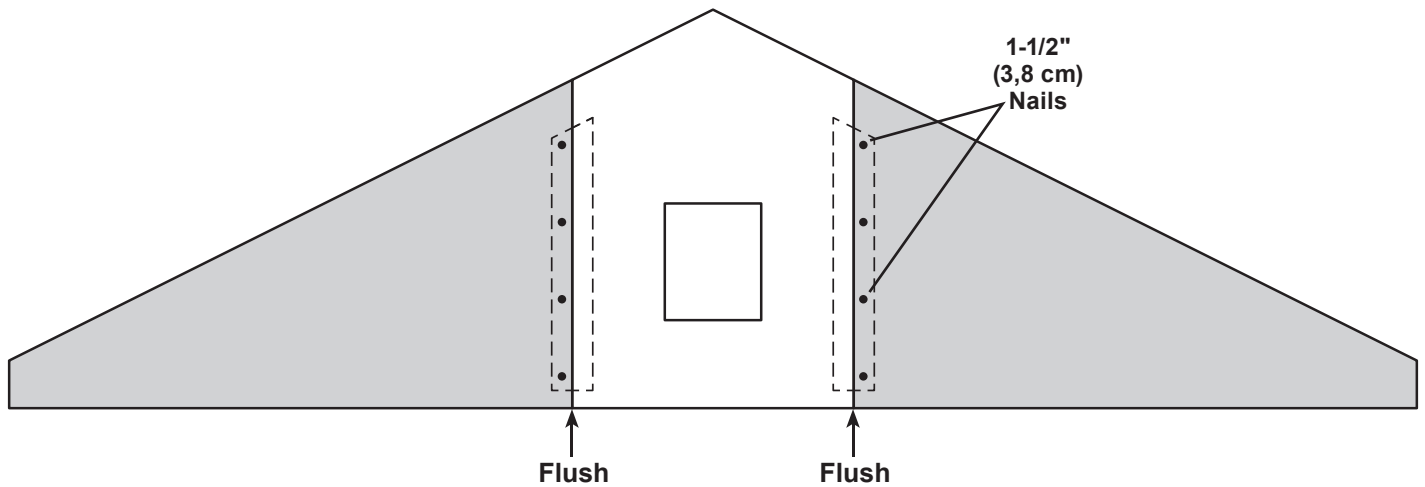
*Build 2 gable panel assemblies.*

✓ **BEGIN**

- 1 Place center gable panel on (2) **UV**.  
Secure with 1-1/2" nails, as shown.



- 2 Place right and left gable panels on **UV**, flush to installed center panel.  
Secure with 1-1/2" nails, as shown.



*Repeat steps to build the 2nd gable assembly.*



Your (2) gable assemblies are completed.



## GABLE OVERHANG FRAMES


### PARTS REQUIRED:

x12 **CLA**

2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)

x8 **ECA**

2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

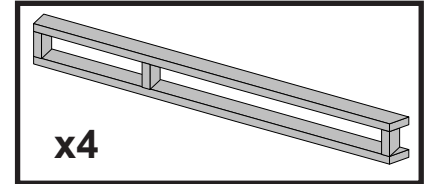
x56  3" (7,6 cm)



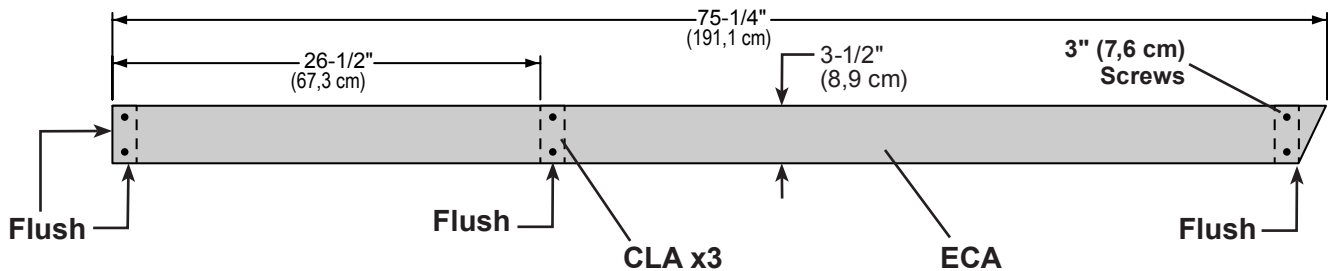
**Build 4 gable overhang frames.**

✓ **BEGIN**

- 1 Arrange, measure and mark locations of (3) **CLA**, (**Fig. A**).  
Place **ECA** on top. Secure with 3" screws, as shown.  
Ensure parts are flush along edges.

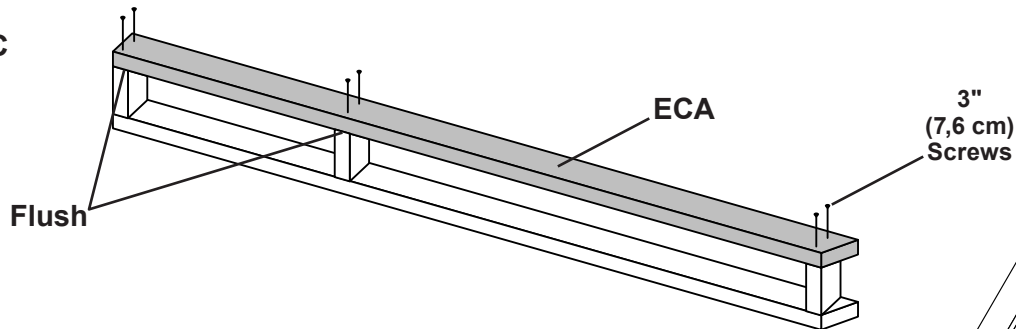


**Fig. A**



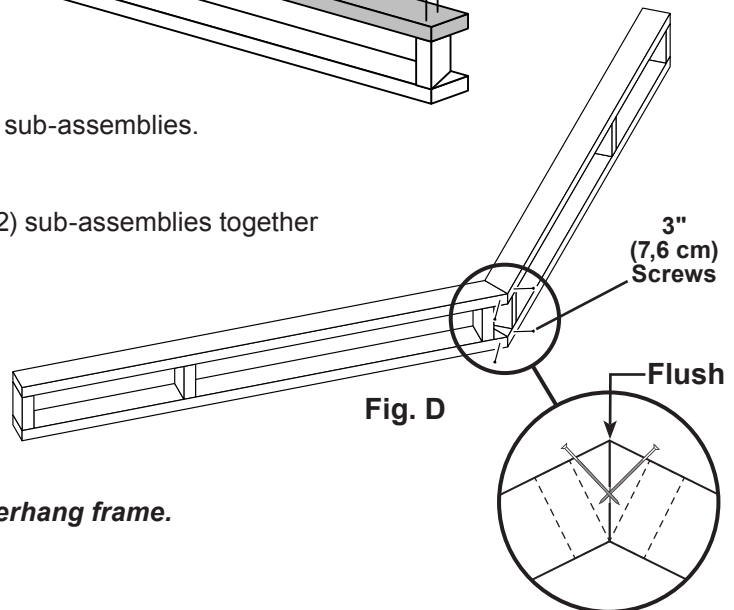
- 2 Flip over gable frame sub-assembly and attach **ECA** to (3) **CLA** with 3" screws (**Fig. C**).

**Fig. C**



Repeat steps to build (3) additional gable frame sub-assemblies.

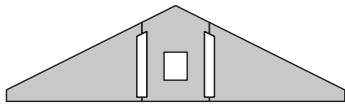
- 3 To complete gable overhang frame, join (2) sub-assemblies together with 3" screws angled, as shown (**Fig. D**).



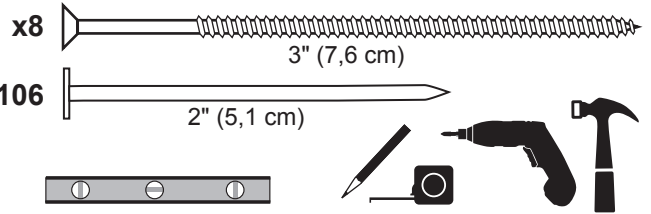
Repeat step 3 to assemble the 2nd gable overhang frame.

## GABLE UNITS

### PARTS REQUIRED:



x2 Gable Units



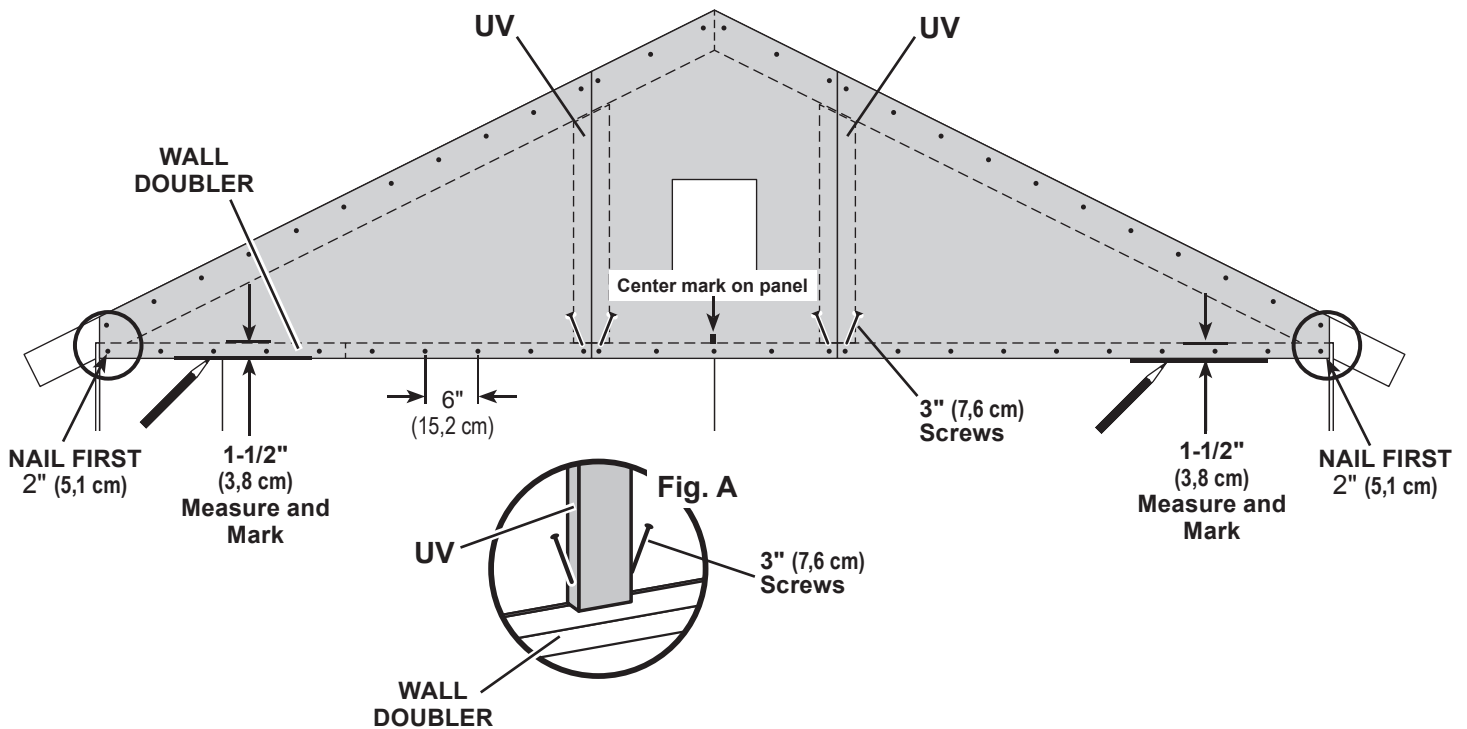
### ✓ BEGIN

- 1 Measure 1-1/2" down from wall doubler and mark at each side as shown.  
Set gable unit on top plate. Fasten with (1) 2" nail on each side.

**⚠ CENTER GABLE UNIT ON WALL BEFORE NAILING.**



- 2 Continue nailing lower edge of panels to wall doubler with 2" nails spaced 6" apart.
- 3 Working inside, secure gable unit with (2) 3" screws angled into supports **UV** at an angle (**Fig. A**).



- 4 Continue securing panels to rafter with 2" nails spaced 6" apart.

*Repeat steps to install the 2nd gable unit.*

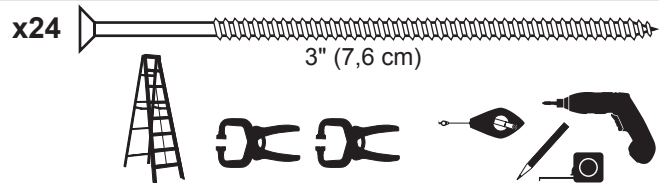
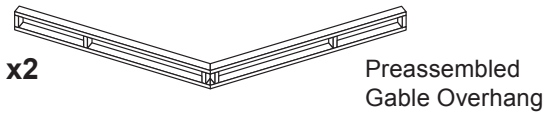


**FINISH**

Your (2) gable units are now installed.

## GABLE OVERHANG LADDERS

### PARTS REQUIRED:

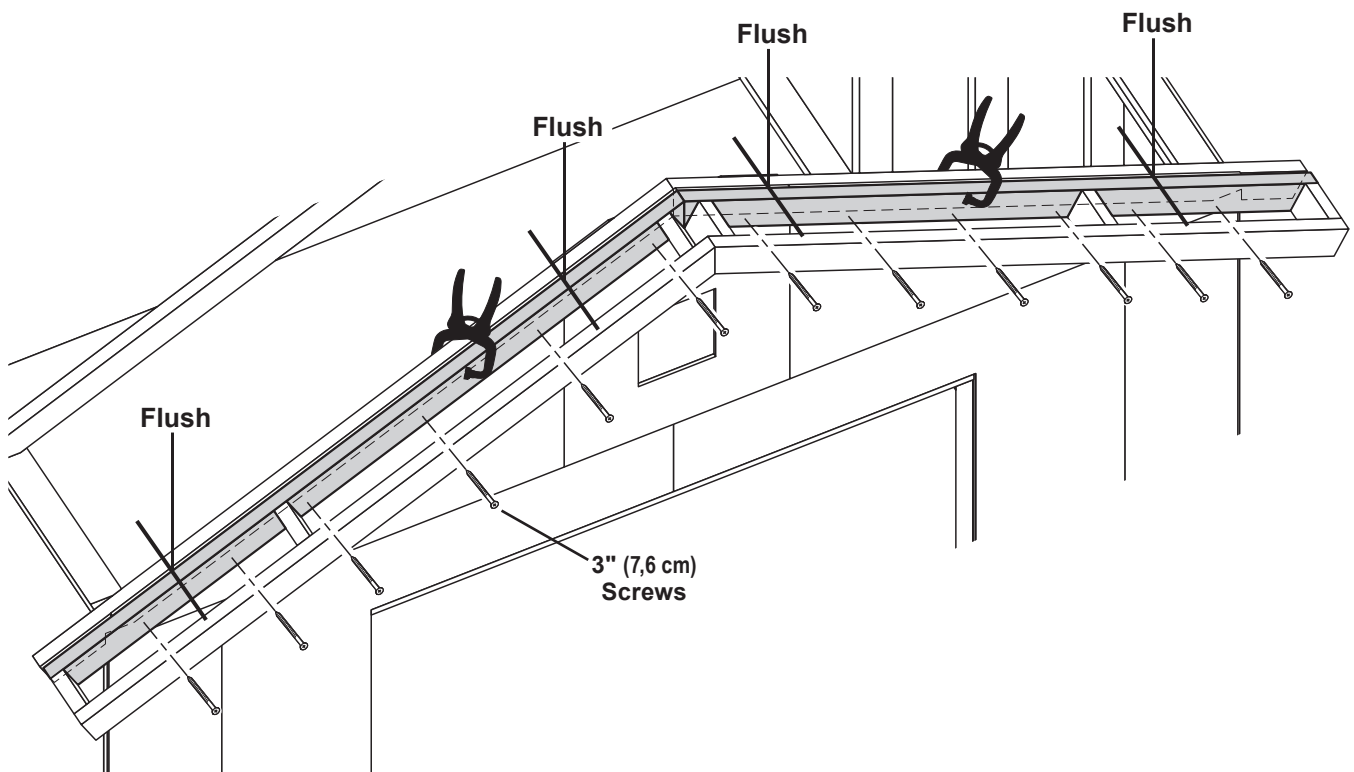


We recommend having an assistant during the installation of the gable overhang frame.



### ✓ BEGIN

- 1 Lift the gable overhang into position, flush along gable panel edges.  
Clamp overhang in place.



- 2 Secure overhang to rafter with 3" screws spaced evenly.

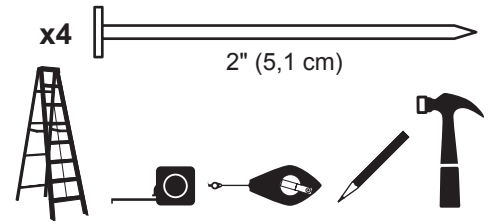
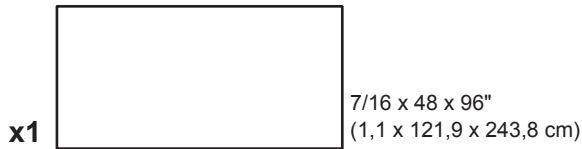
*Repeat steps to install the 2nd gable overhang ladder.*



Your (2) gable overhang ladders are now installed.

# ROOF PANELS

## PARTS REQUIRED:



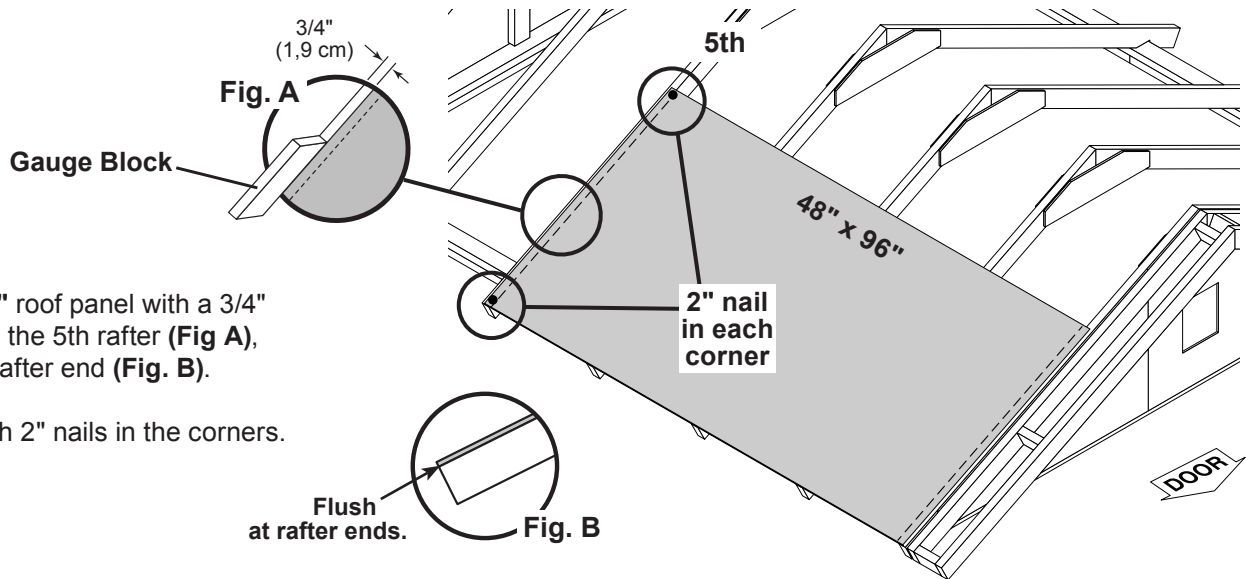
**!** Roof panels may cause serious injury until securely fastened.  
**Note:** Install all roof panels with the rough side up (painted grid lines).



### ✓ BEGIN 1

Install a 48"x 96" roof panel with a 3/4" measurement on the 5th rafter (**Fig. A**), and flush to the rafter end (**Fig. B**).

Secure panel with 2" nails in the corners.

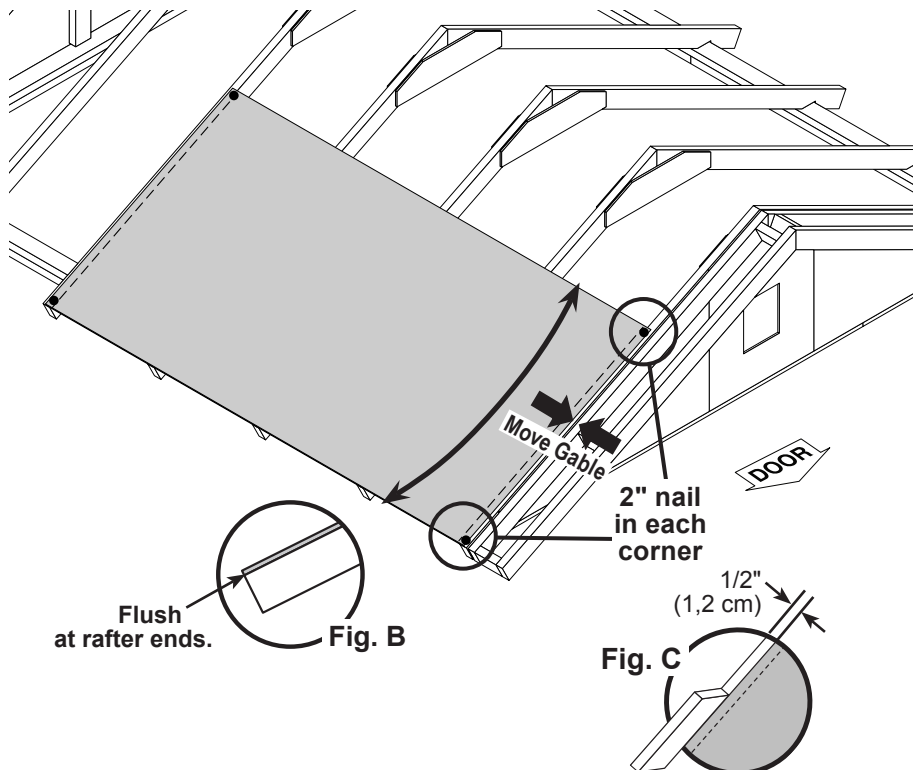


### 2

Move to the opposite end.  
Using the long edge of the panel as a lever, move the panel side-to-side until the corner is flush to the rafter end (**Fig. B**).

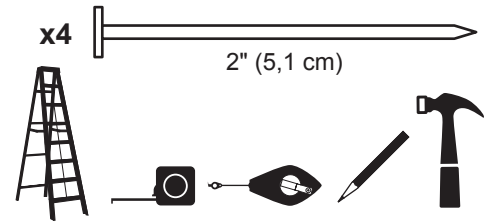
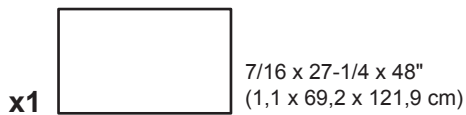
Move gable end rafter edge until it is 1/2" from the panel (**Fig. C**).

Secure panel with 2" nails in the corners.



## ROOF PANELS

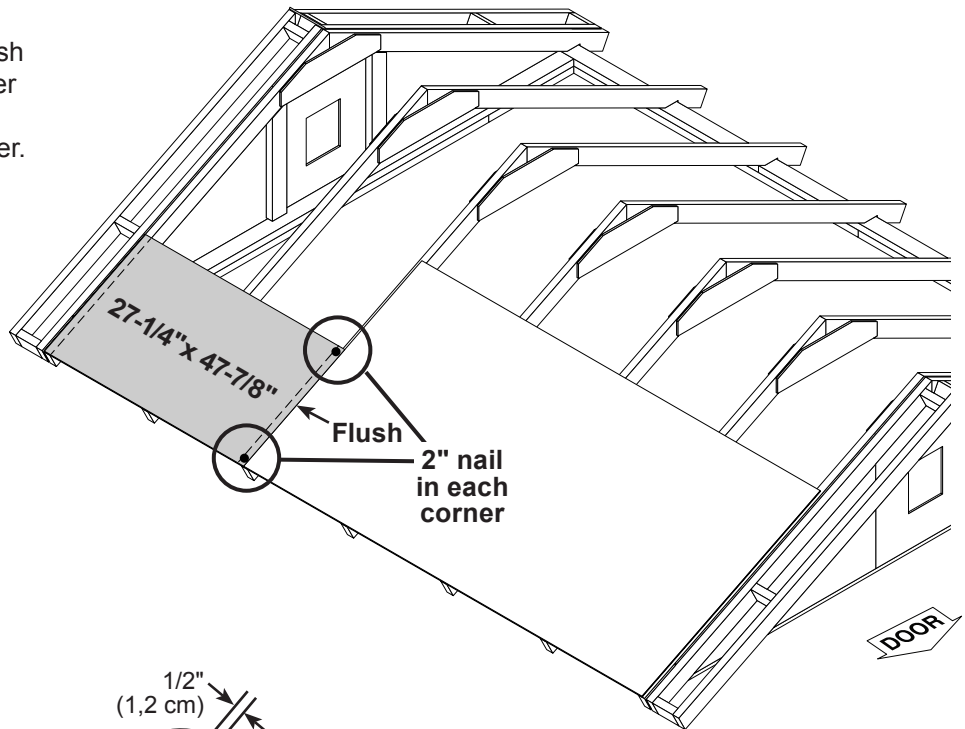
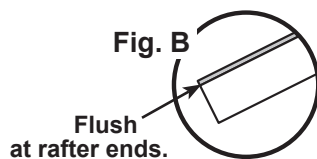
### PARTS REQUIRED:



3

Install (1) 27-1/4" x 47-7/8" roof panel flush to the installed panel and flush to the rafter end (**Fig. B**).

Secure panel with (1) 2" nail in each corner.

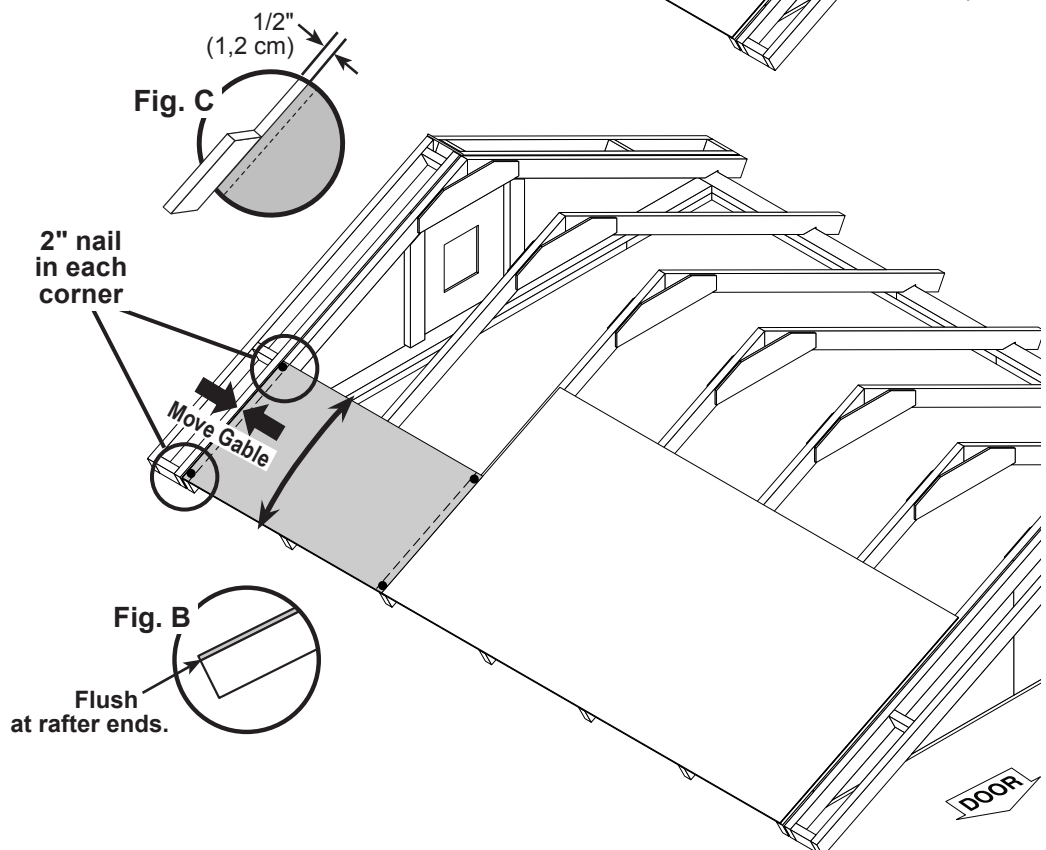


4

Move to the opposite end.  
Using the unsecured end of the panel as a lever, move the panel side-to-side until the corner is flush to the rafter end (**Fig. B**).

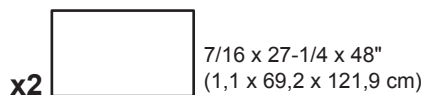
Move gable end rafter edge until it is 1/2" from the panel (**Fig. C**).

Secure panel with 2" nails in the corners.

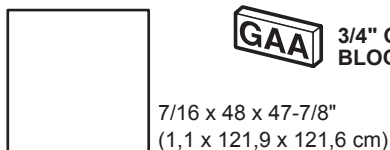


## ROOF PANELS

### PARTS REQUIRED:

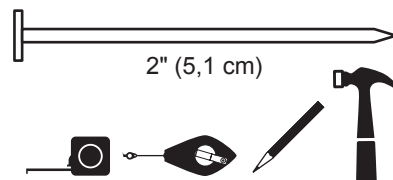


x1




3/4" GAUGE  
BLOCK

x26



5

Place (1) 47-7/8" x 48" upper roof panel flush to lower panel.

Ensure 3/4" measurement on the rafter (Fig. A). 

Move gable end rafter edge until it is 1/2" from the panel (Fig. C).

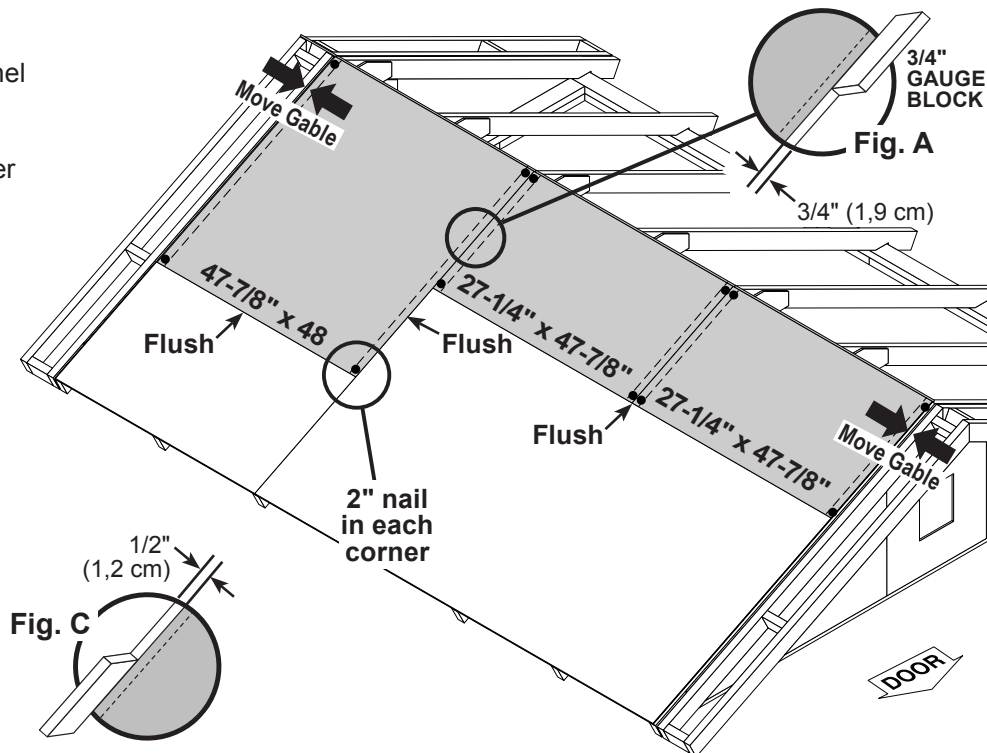
Secure the panels with 2" nails in each corner.

6

Place (2) 27-1/4" x 47-7/8" upper roof panels flush to installed panels.

Move gable end rafter edge until it is 1/2" from the panels (Fig. C).

Secure the panels with 2" nails in each corner.



7

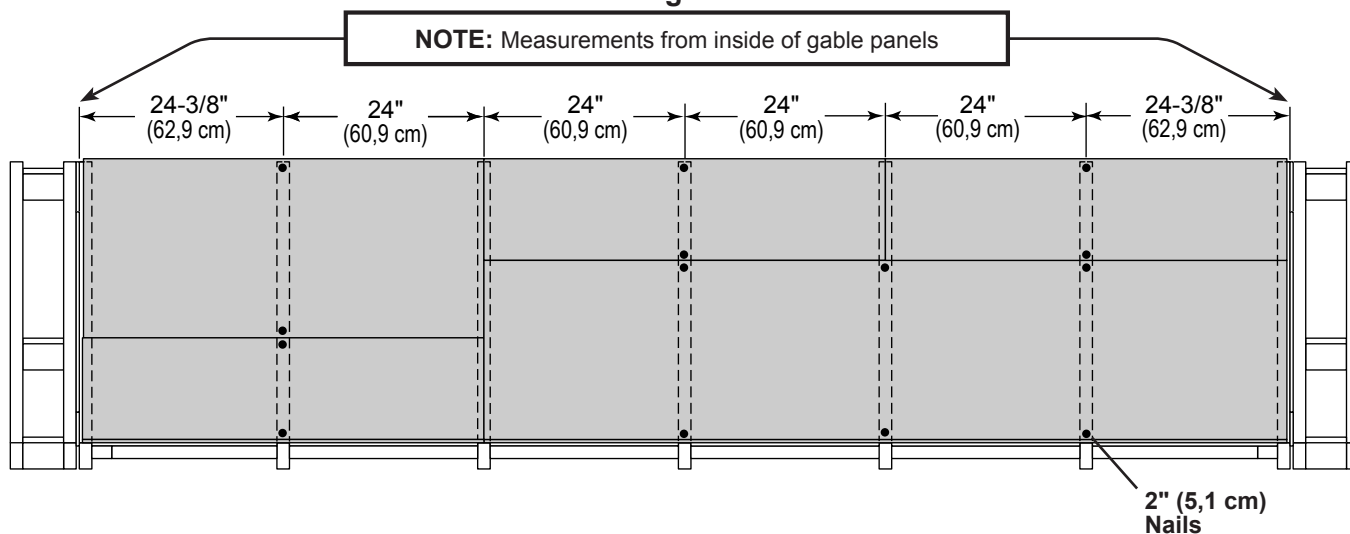
Maintain spacing between the center of the rafters for the lower panels (Fig. D).

Secure panels with (1) 2" nail into the rafters, as shown.

Move to the top panels and keep spacing between the center of the rafters.


Secure panels with (1) 2" nail into the rafters.


Fig. D

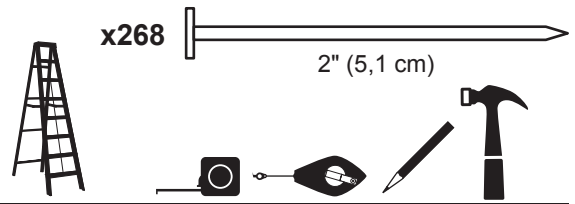


## ROOF PANELS

### PARTS REQUIRED:

x2  7/16 x 27-1/4 x 8-1/2"  
(1,1 x 69,2 x 21,6 cm)

x2  7/16 x 48 x 8-1/2"  
(1,1 x 121,9 x 21,6 cm)



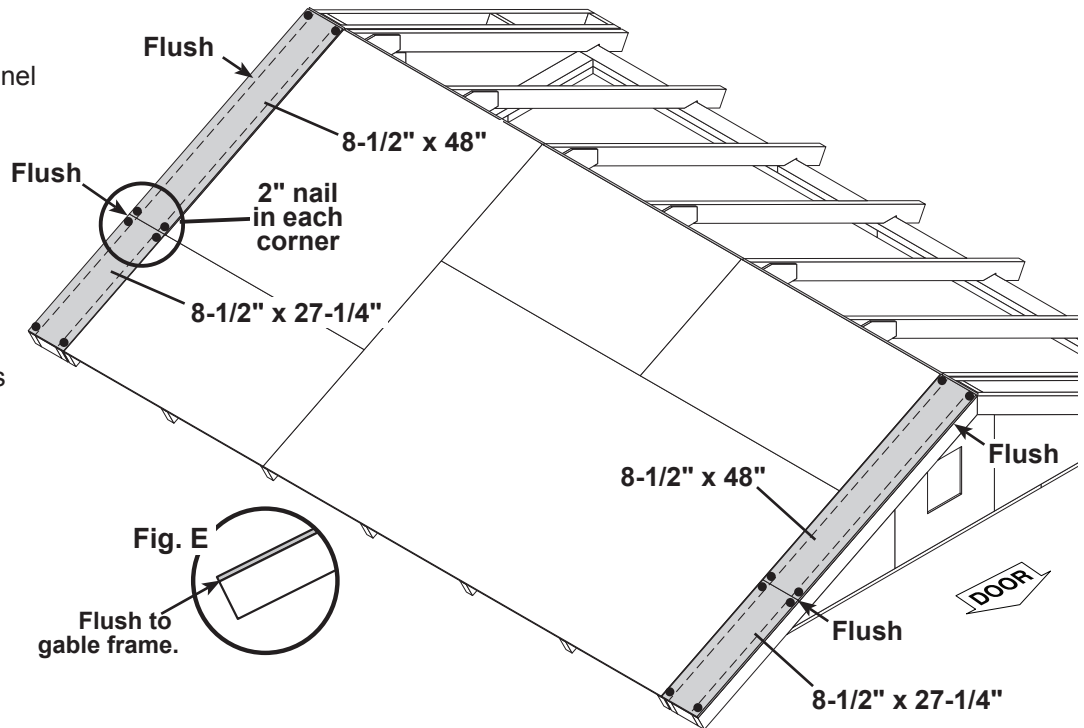
8

Place **8-1/2" x 13-7/8"** roof panel flush to the outside of gable framing and flush to the lower edge of the gable frame (**Fig. E**).

Secure the panel with 2" nails in each corner.

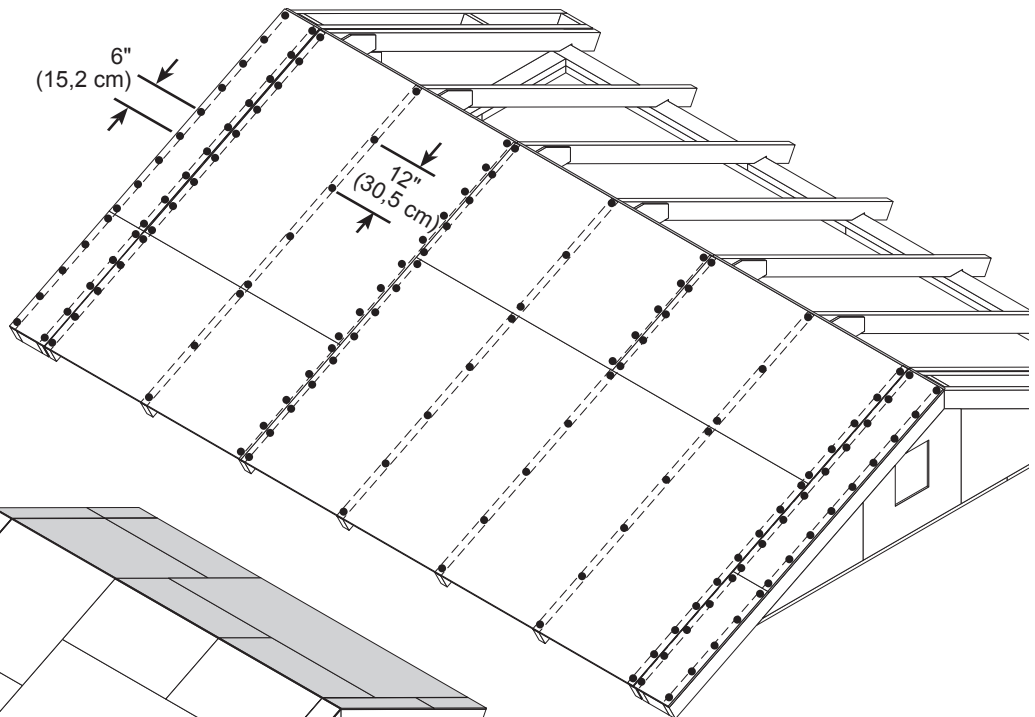
Place **8-1/2" x 48"** roof panels flush to the outside of gable framing and flush to the installed lower panel.

Secure the panel with 2" nails in each corner.

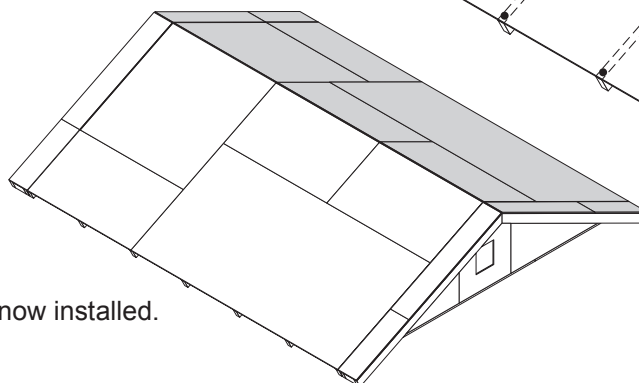


9

Secure roof panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.



**Repeat all steps to install roof panels on the opposite side.**



Your roof panels are now installed.

## GABLE END SOFFITS

### PARTS REQUIRED:

x4



3/8 x 7-7/8 x 73-5/16" (1 x 20 x 186,2 cm)

x80



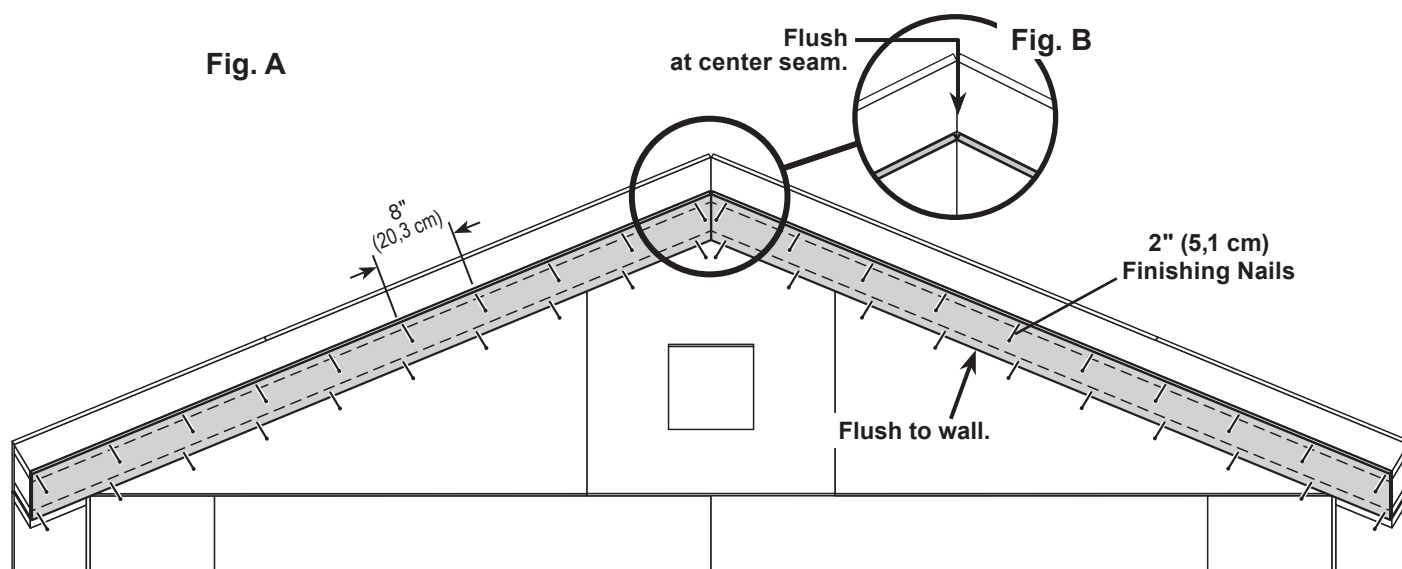
2" (5,1 cm)



*Install all trim panels with primed side facing out.*

### ✓ BEGIN

- 1 Install left and right **73-5/16"** overhang boards flush to front wall (**Fig A**) and faligned to gable unit seam (**Fig B**). Secure with 2" finishing nails spaced approximately 8" apart.



*Repeat steps to install soffit boards on the opposite side gable.*



FINISH

Your gable soffit panels are now installed.



## EAVE SIDE SOFFITS

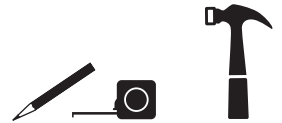
### PARTS REQUIRED:

x4

3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)

x32

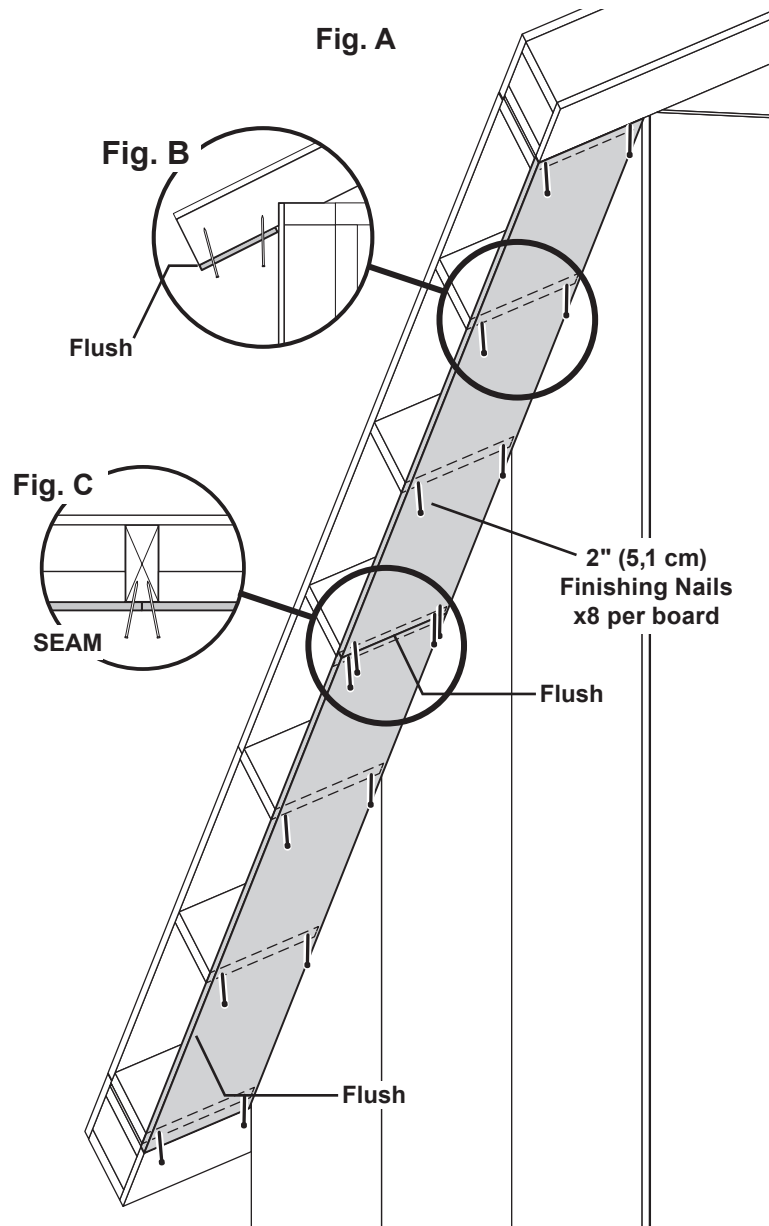
2" (5,1 cm)



*Install all trim panels with primed side facing out.*

✓ **BEGIN**

- 1 Position 73" soffit boards flush to gable soffits and rafter ends (**Fig A**).  
Secure with 2" finishing nails, (2) nails in each rafter and (4) nails angled at the seam (**Fig. C**).




*Repeat steps to install eave side soffit boards on the opposite side.*

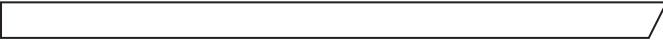


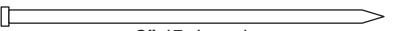
Your eave side soffit panels are now installed.

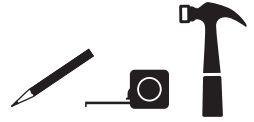
## GABLE FASCIA

### PARTS REQUIRED:

x2   
3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm) *Painted Red*

x2   
3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm) *Painted Green*

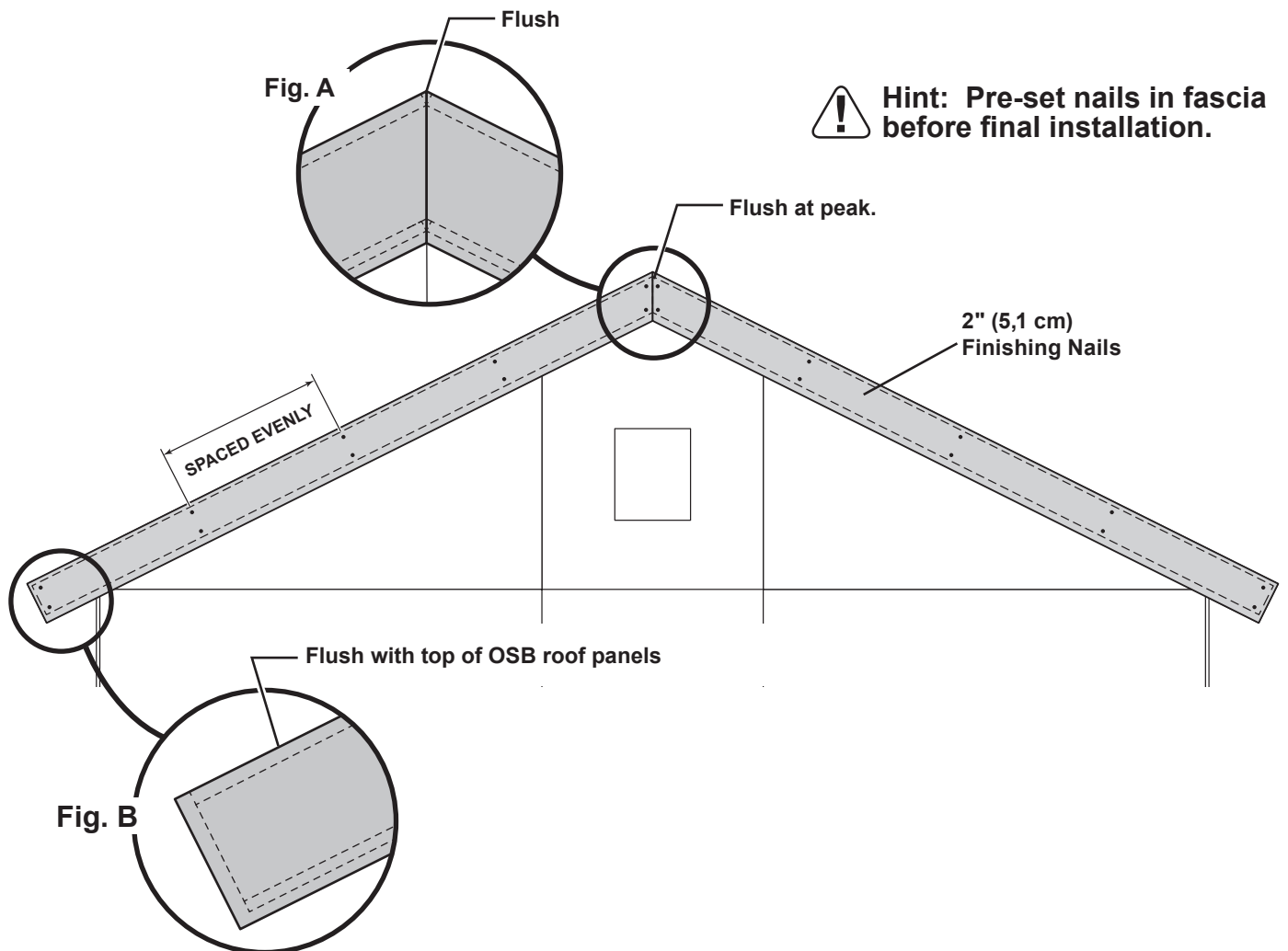
x40  2" (5,1 cm)



*Install all trim panels with primed side facing out.*

### ✓ BEGIN

- 1 Install (2) fascia flush to peak and flush to roof panels (**Fig. A, Fig B**).  
Secure with 2" finishing nails spaced evenly, as shown.



 **Hint: Pre-set nails in fascia before final installation.**


*Repeat steps to install fascia boards on the other gable end.*

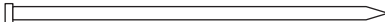


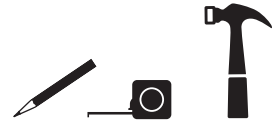
Your gable fascia boards are now installed.

## EAVE SIDE FASCIA

### PARTS REQUIRED:

x4   
3/8 x 4-3/4 x 80-7/8" (1 x 12,1 x 205,4 cm)

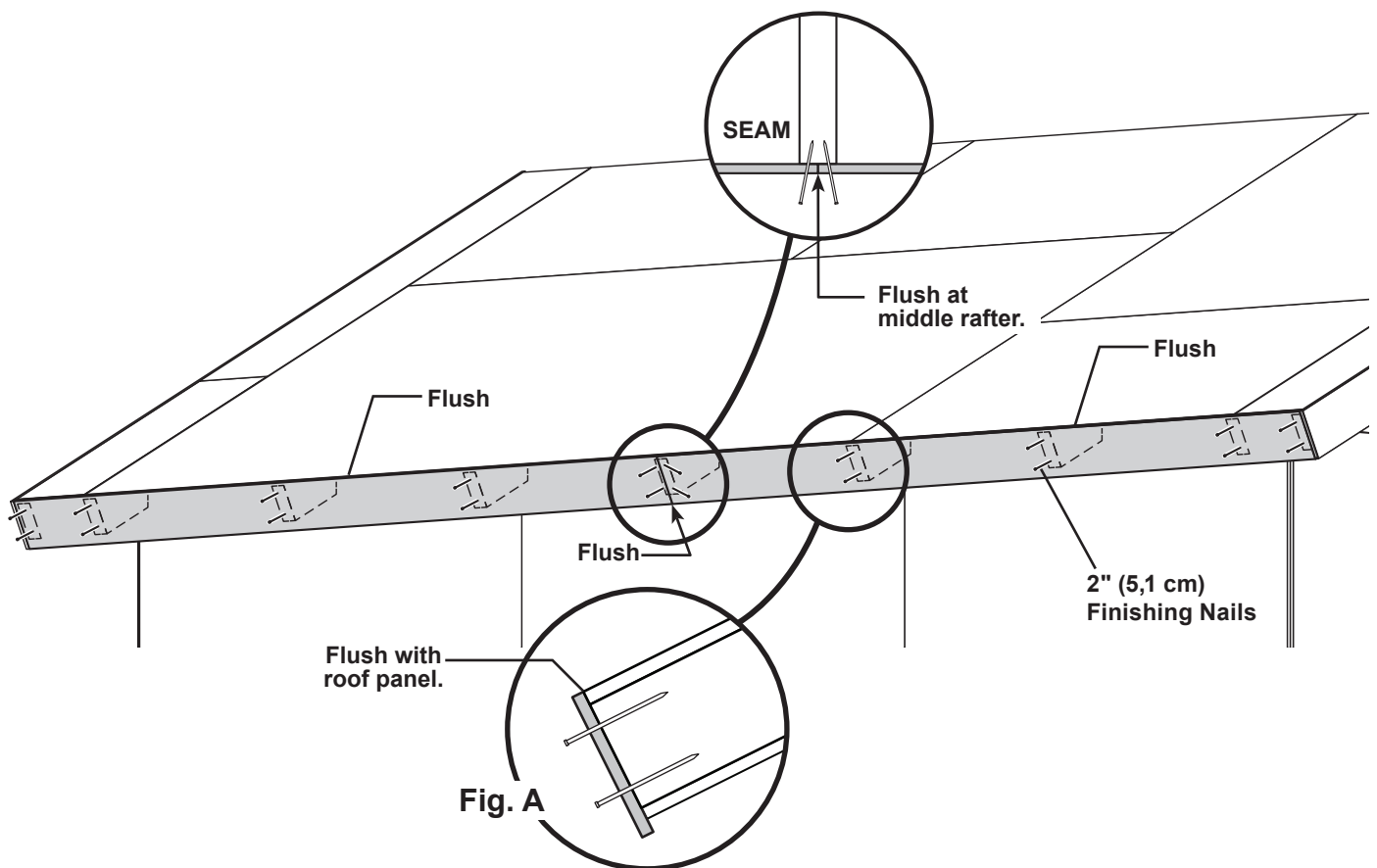
x40  2" (5,1 cm)



*Install all trim panels with primed side facing out.*

### ✓ BEGIN

- 1 Position (2) 4-3/4" x 80-7/8" fascia boards with primed side out, flush with roof panels and gable fascia (**Fig. A**). Secure with 2" finishing nails, (2) nails in each gable unit and rafter end, and (4) nails angled at the seam.



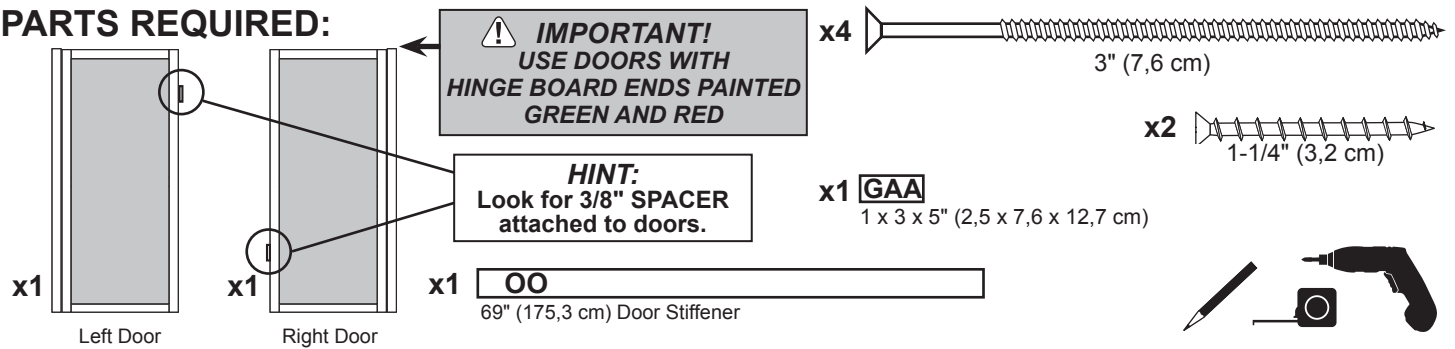
*Repeat steps to install fascia on the opposite eave.*



Your eave side fascia boards are now installed.

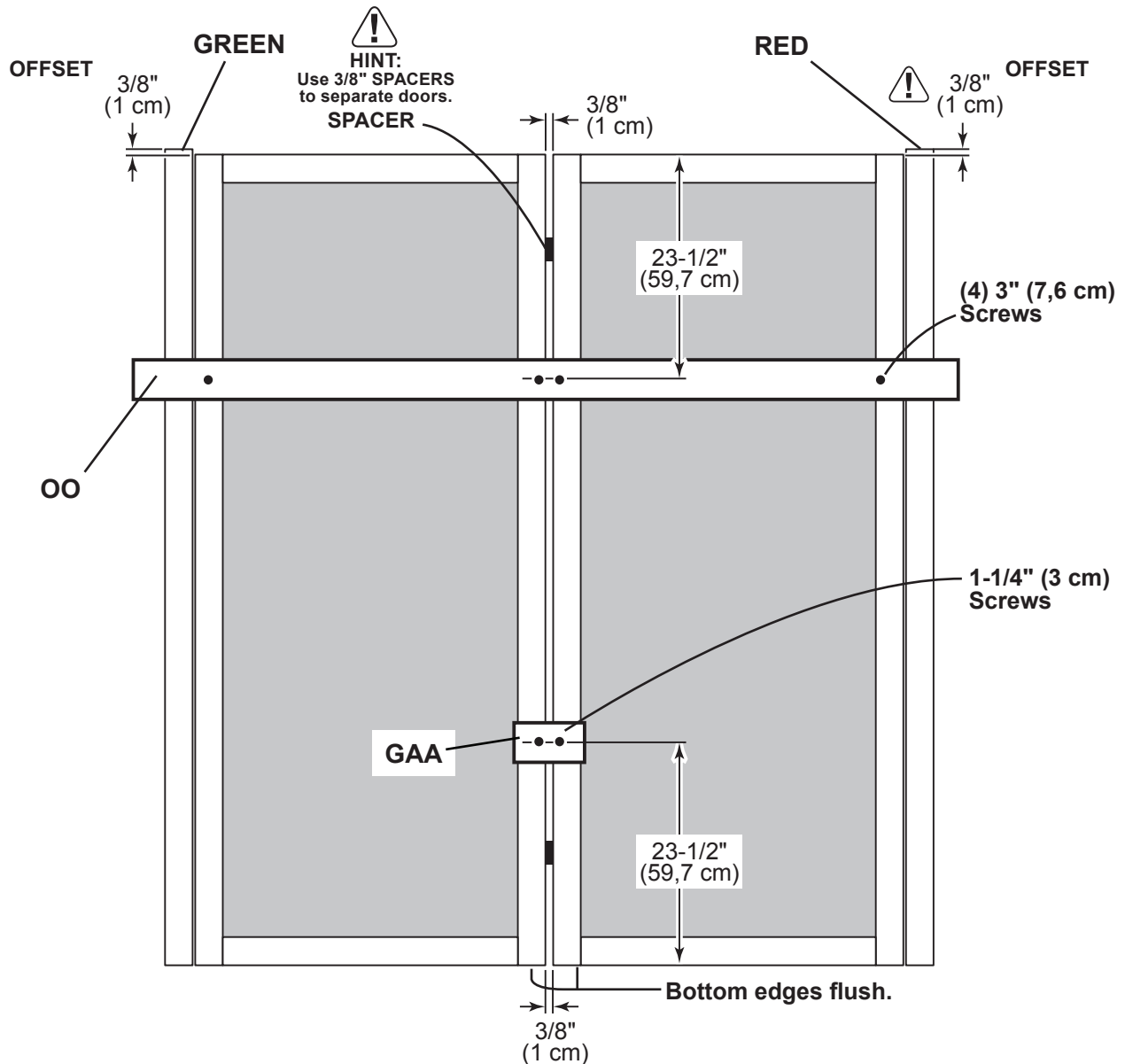
## DOUBLE DOORS - GABLE WALL

### PARTS REQUIRED:



### ✓ BEGIN

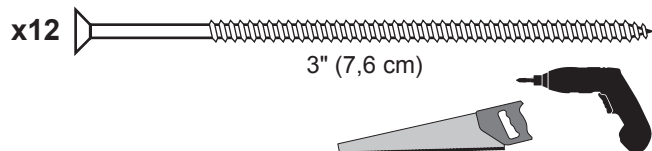
- 1 Arrange parts as shown on flat surface. **3/8" offset is to top.**  
Look for red (right) and green (left) on hinge board.
- 2 Install temporary support **OO** with 3" screws in middle and at ends, as shown.
- 3 Install temporary support **GAA** with (2) 1-1/4" screws.



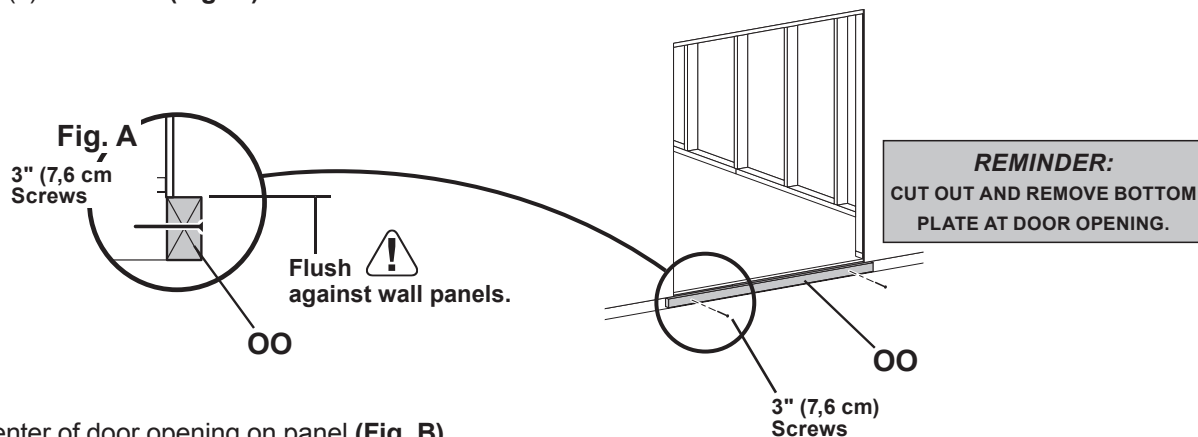
## DOUBLE DOORS - GABLE WALL


### PARTS REQUIRED:

x1 **OO**  
69" (175,3 cm) Door Stiffener



- 4** Install temporary support **OO** as a ledger board flush under wall panels for doors to rest on.  
Secure with (2) 3" screws (**Fig. A**).

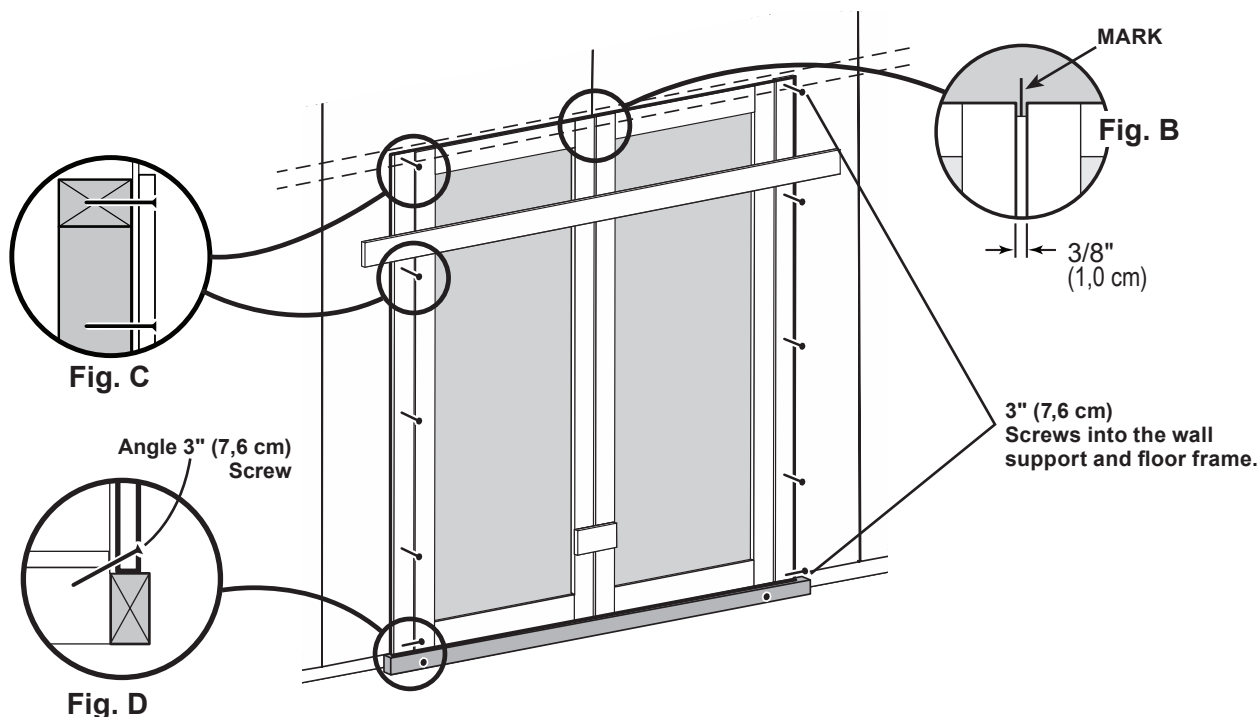


- 5** Mark the center of door opening on panel (**Fig. B**).  
 Check ledger board is still flush under panels.



- 6** Secure hinge boards to wall supports and floor with (10) 3" screws, as shown.  
 Make sure screws go into framing and floor (**Fig. C**, **Fig. D**).

Remove temporary supports and check doors open properly.



Your double doors are now installed.

## DOUBLE DOORS - TRIM AND THRESHOLD

### PARTS REQUIRED:

x1 **AHL**  
19/32 x 2-1/2 x 62" (1,5 x 6,3 x 157,5 cm)

x1 **AHR**  
19/32 x 2-1/2 x 62" (1,5 x 6,3 x 157,5 cm)

x1 **ZJ**  
19/32 x 3 x 72" (1,5 x 7,6 x 183 cm)

x1 **64" Metal Threshold**  
Bagged separately / special coating

x2 **AH**  
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)

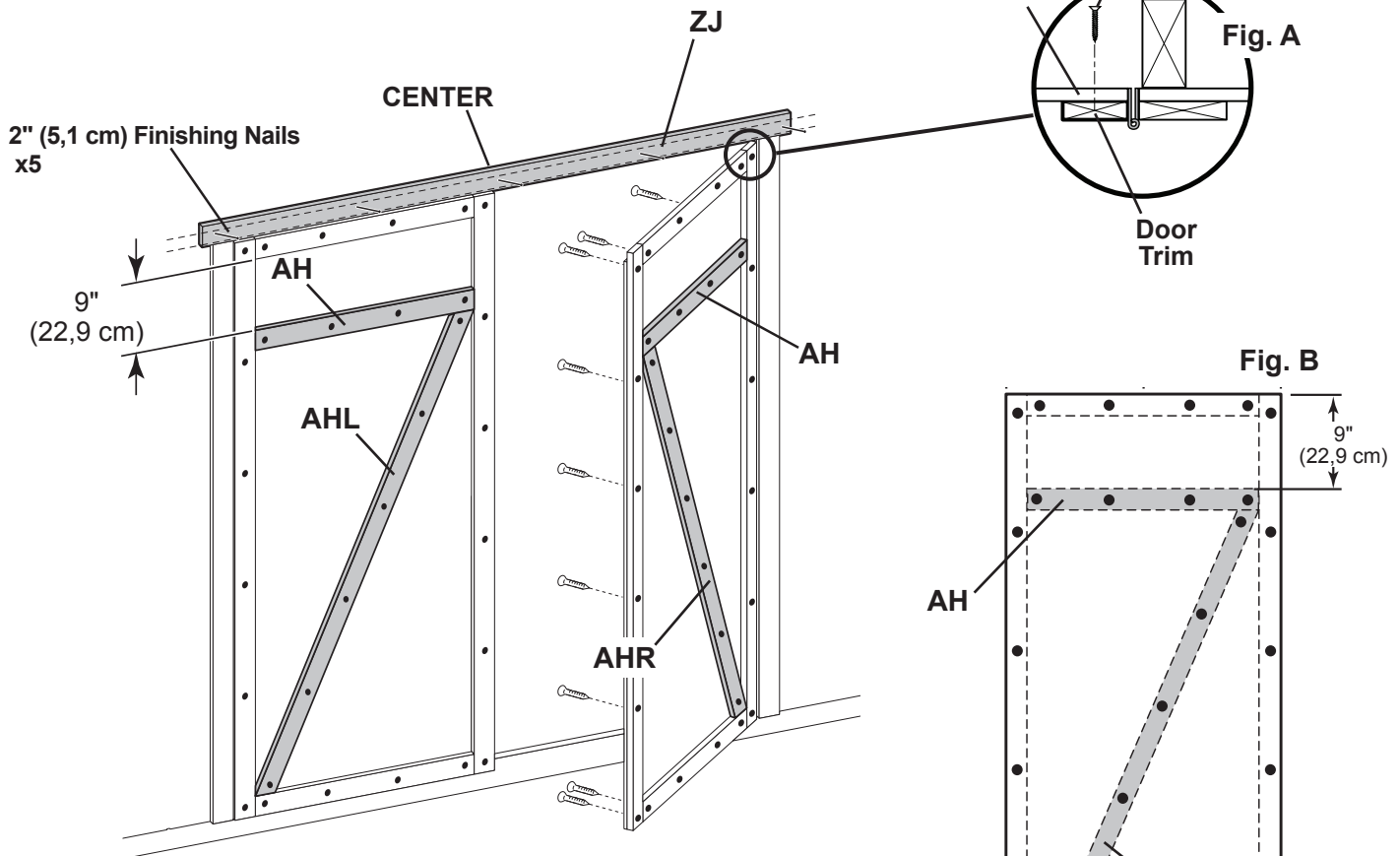
x5 2" (5,1 cm)

x60 3/4" (1,9 cm)



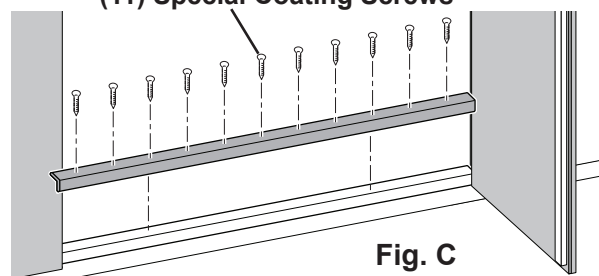
### BEGIN

- 1 Install upper door trim **AH** with (4) 3/4" screws to doors from inside of doors.
- 2 Install **AHL** and **AHR** flush to trim **AH** with 3/4" screws from inside of doors (**Fig. B**).
- 3 Install lower door trim **AH** with (4) 3/4" screws, as shown.
- 4 Reinforce the door trim with 3/4" screws through door panel into trim (**Fig. A**).  
Locate screws as shown (**Fig. B**).
- 5 Center trim **ZJ** over doors and secure with (5) 2" finishing nails into framing.



- 7 Center metal threshold between doors.  
Secure with (11) 3/4" special coating screws into floor as shown (**Fig. C**).

(11) Special Coating Screws



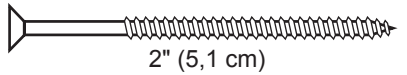
FINISH

Your door trim and threshold are now installed.

## DOUBLE DOOR STIFFENERS - GABLE WALL

### PARTS REQUIRED:

x2 **OO**  
69" (175,3 cm) Door Stiffener

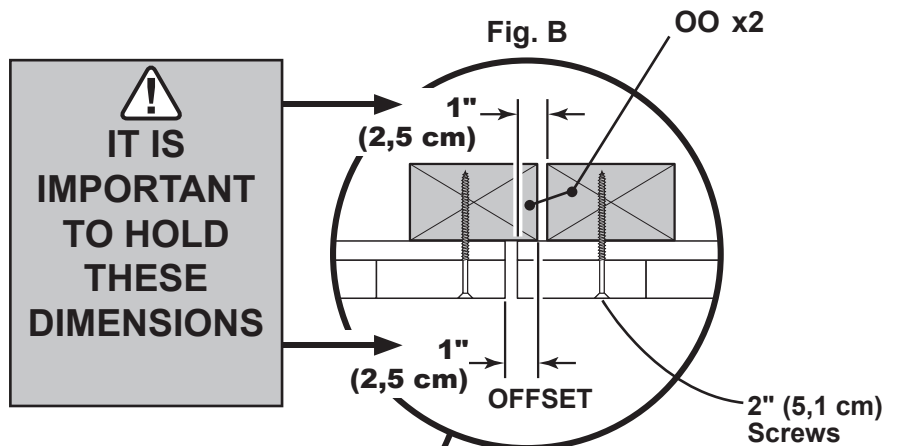
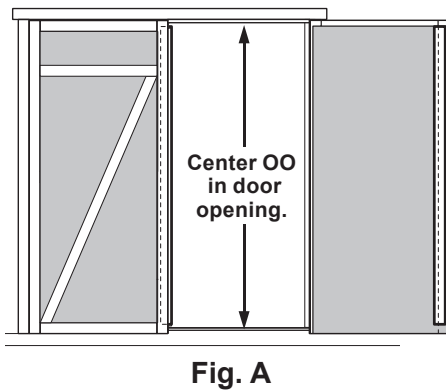
x12   
2" (5,1 cm)



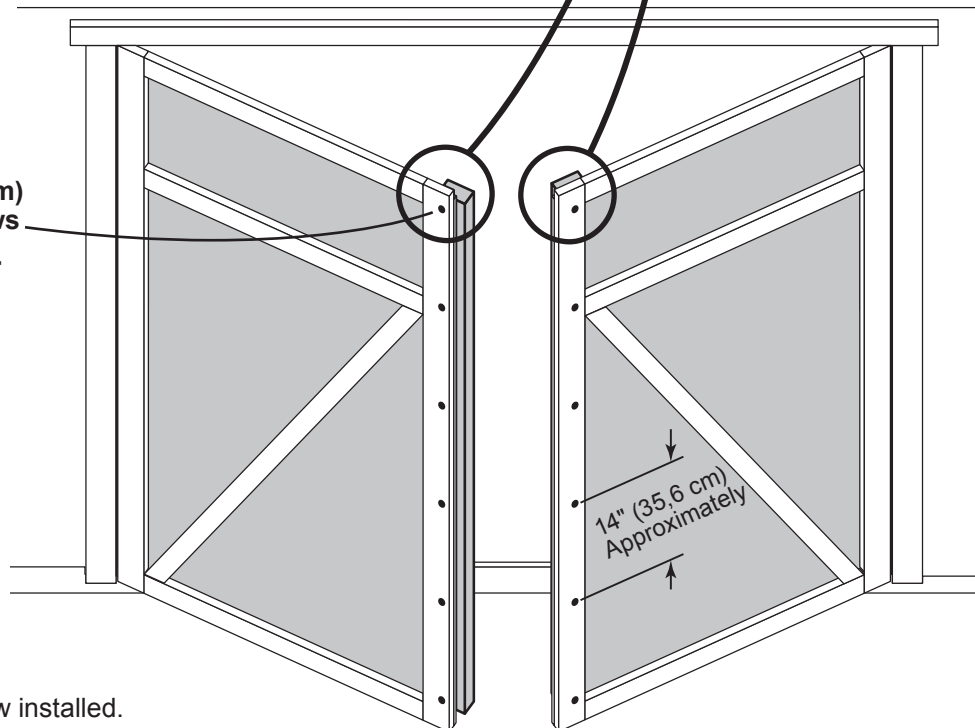
### ✓ BEGIN

- Center **OO** vertically on the left door in the door opening flush with the edge of door (**Fig. A**).  
Secure with (6) 2" screws through outside trim into **OO** (**Fig. B**)

*Repeat steps to install OO on right door.*



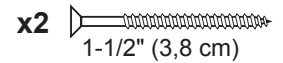
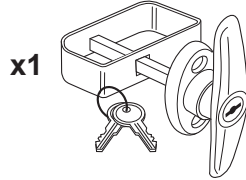
2" (5,1 cm) Screws  
x14



Your door stiffeners are now installed.

# DOUBLE DOOR HARDWARE

## PARTS REQUIRED:



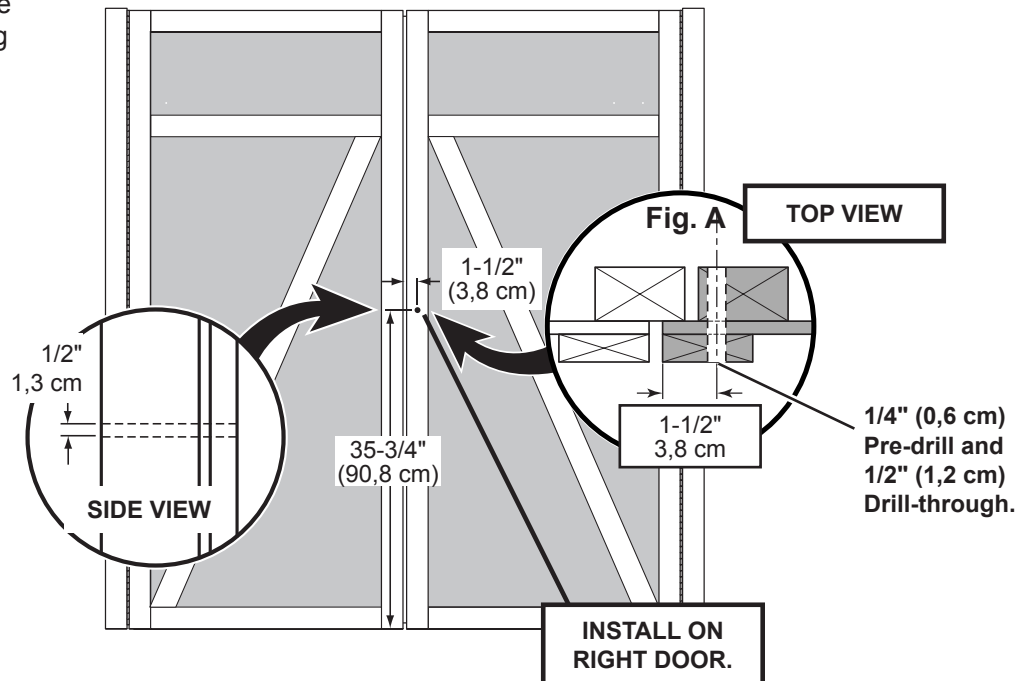
### ✓ BEGIN

- 1 Measure and mark location of hole on outside of right door as shown (Fig. A).  
Pre-drill pilot hole with 1/4" drill.

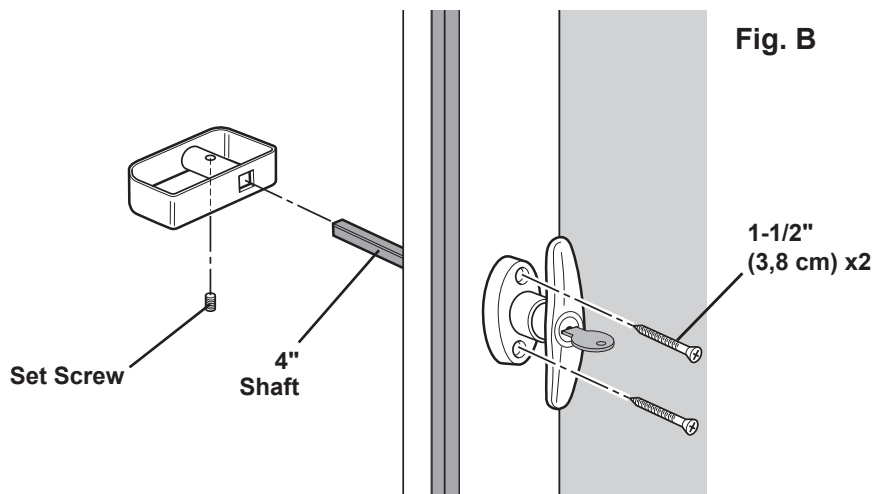
Pre-drill through hole with 1/2" drill.



Keep drilled hole square to trim to avoid breaking edge of door stiffeners.



- 2 Insert shaft in hole and secure handle with 1-1/2" screws (Fig. B).  
Attach inside handle and secure with set screw as shown.



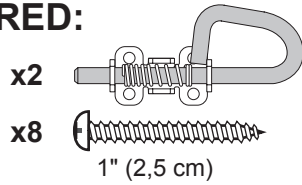
### FINISH

Your door handle is now installed



## DOUBLE DOOR HARDWARE

### PARTS REQUIRED:



### ✓ BEGIN

- 1 Place bolts onto **OO** in open position with bolt ends 3/8" (1 cm) down from frame. Bolt is open when loop is contacting base (**Fig A**).

Mark and pre-drill holes for screws.

- 2 Install bolt with screws supplied and drill 5/16" (0,8 cm) hole deep enough for bolt to slide into.

- 3 Place bolts onto **OO** in open position with bolt ends 1/2" (1,3 cm) 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 5/16" (0,8 cm) hole deep enough for bolt to slide into.



**HINT:** With door closed extend bolt and tap with hammer to leave a mark in wood for drilling.

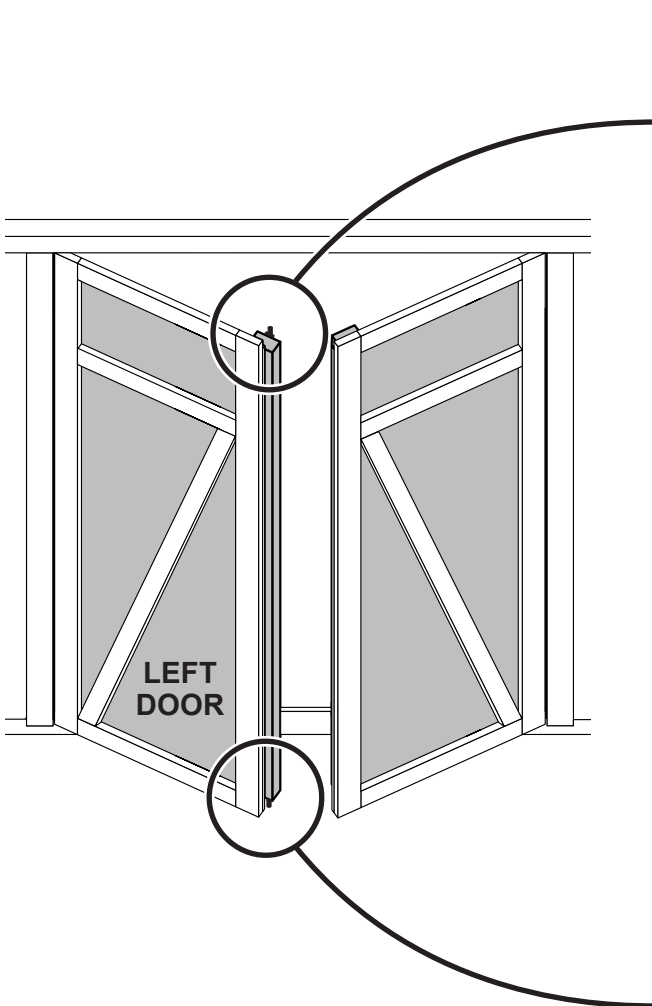


Fig. A

**LOCATE AND PRE-DRILL HOLES TO AVOID SPLITTING WOOD**

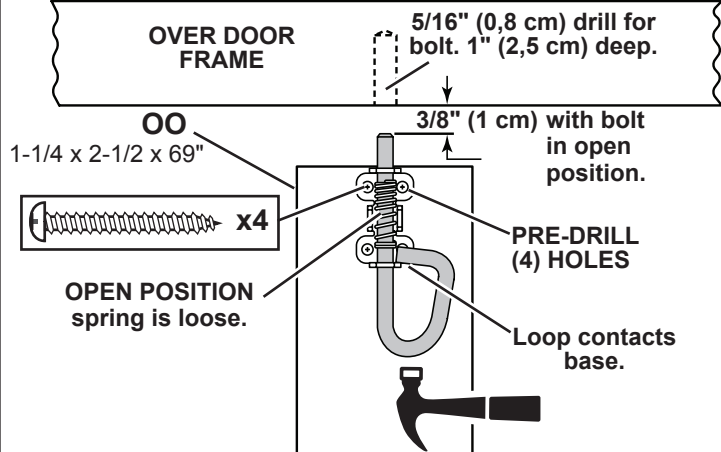
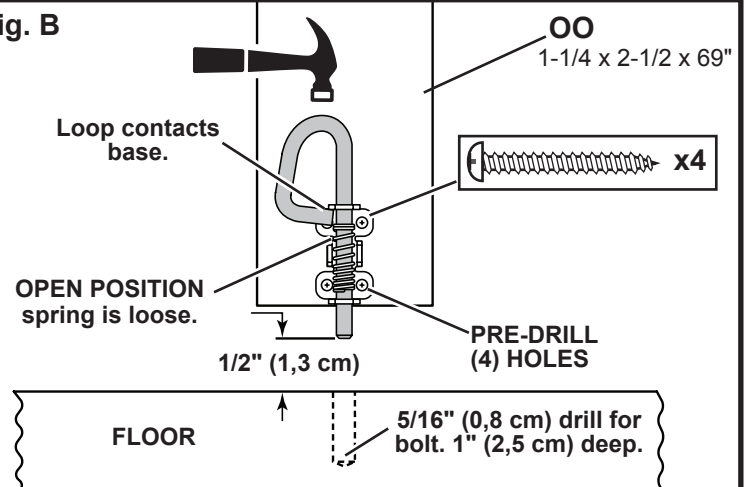


Fig. B

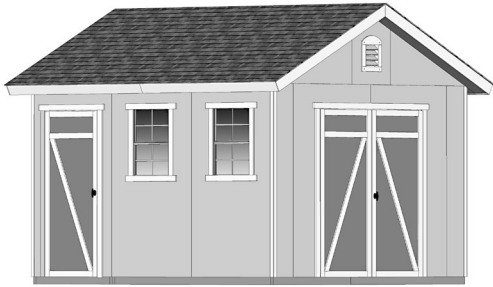


### FINISH

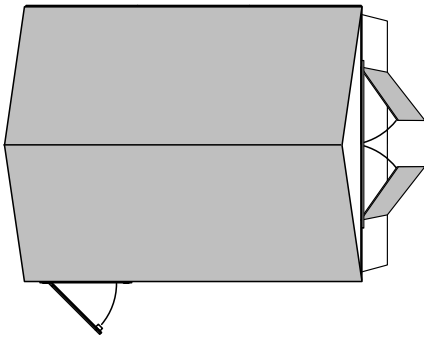
Your spring bolts are now installed.



**CHOOSE YOUR SINGLE DOOR SWING-DIRECTION - LEFT , RIGHT OR CENTER**

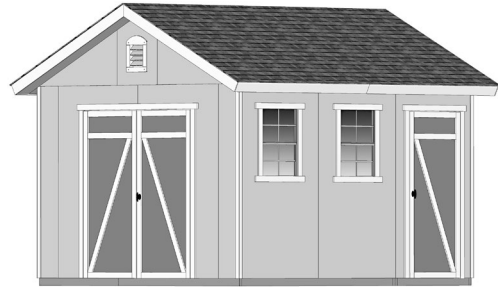


**OPTION 1:**  
DOOR LOCATION  
LEFT SIDE OF EAVE WALL

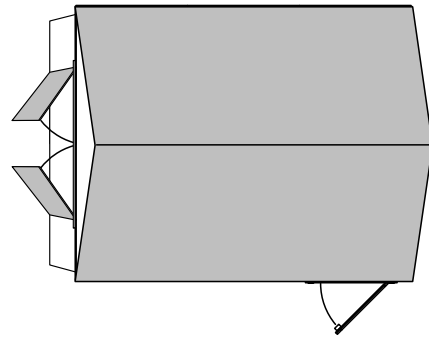


**LEFT HAND DOOR**

**GO TO Next Page**

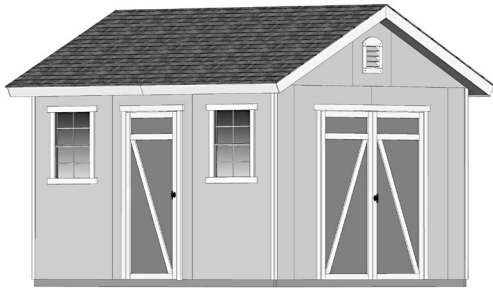


**OPTION 2:**  
DOOR LOCATION  
RIGHT SIDE OF EAVE WALL

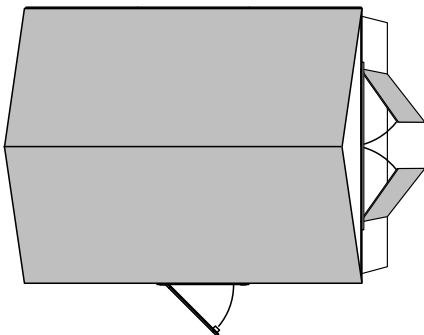


**RIGHT HAND DOOR**

**GO TO Page 69**

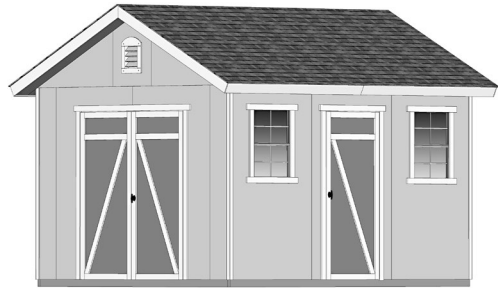


**OPTION 3:**  
DOOR LOCATION  
CENTERED ON LEFT EAVE WALL

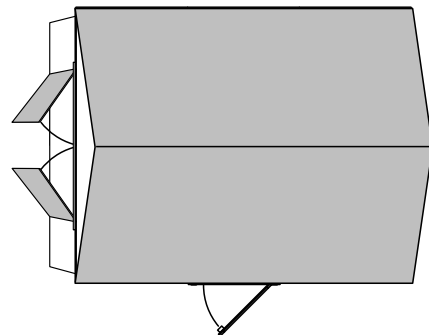


**LEFT HAND DOOR**

**GO TO Next Page**



**OPTION 4:**  
DOOR LOCATION  
CENTERED ON RIGHT EAVE WALL

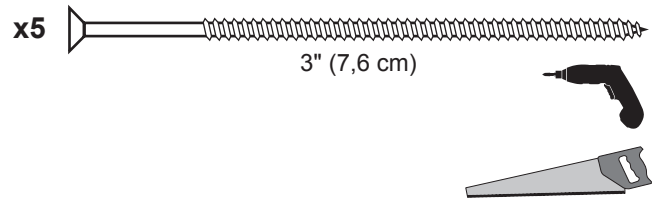
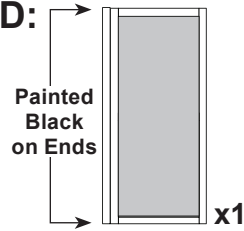


**RIGHT HAND DOOR**


**GO TO Page 69**

## EAVE WALL L.H. DOOR

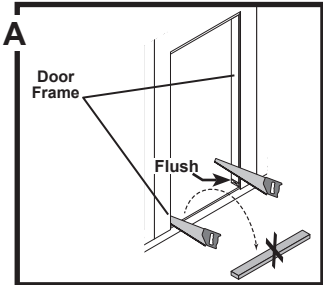
### PARTS REQUIRED:



### ✓ BEGIN

- 1 Carefully cut bottom wall frame 2 x 4 flush with door frame using a saw (**Fig. A**).  
**⚠ Be careful not to cut into floor panel!**
- 2 Install door with black-painted hinge board.
- 3 Center door in wall panel opening. Hold door in position and keep level. 
- 4 Measure Gap (**Fig. B**) between door trim and wall panel as shown. Hold door in position and keep level.  
**⚠ Hinge-board must overhang wall panel at measurement shown (Fig. C).**  
 Bottom of door trim is even with wall panel, as shown. **⚠**
- 5 Screw hinge boards into wall supports and floor using (5) 3" screws as shown.  
**⚠ Make sure screws go into framing and floor (Fig. D, Fig. E).**

**Fig. A**

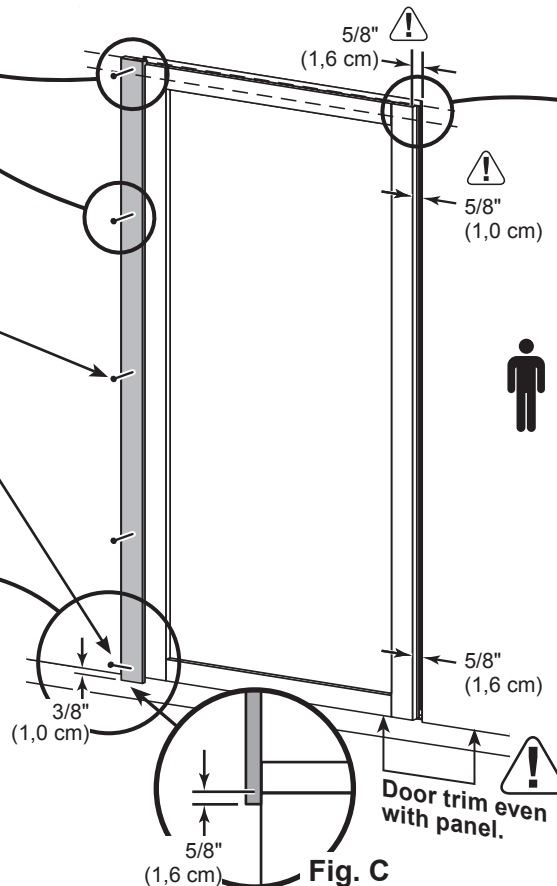


**Fig. D**

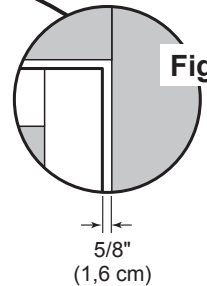
3" (7,6 cm)  
Screws into the wall support and floor frame.

Angle 3" (7,6 cm)  
Screw

**Fig. E**



**Fig. B**


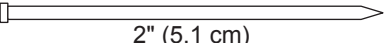


Your single door is now installed.

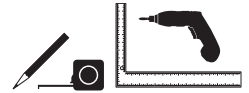
## EAVE WALL L.H. DOOR - TRIM

### PARTS REQUIRED:

- x1 **AH**  
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)
- x1 **GEA**  
19/32 x 3 x 39-3/8" (1,5 x 7,6 x 100 cm)

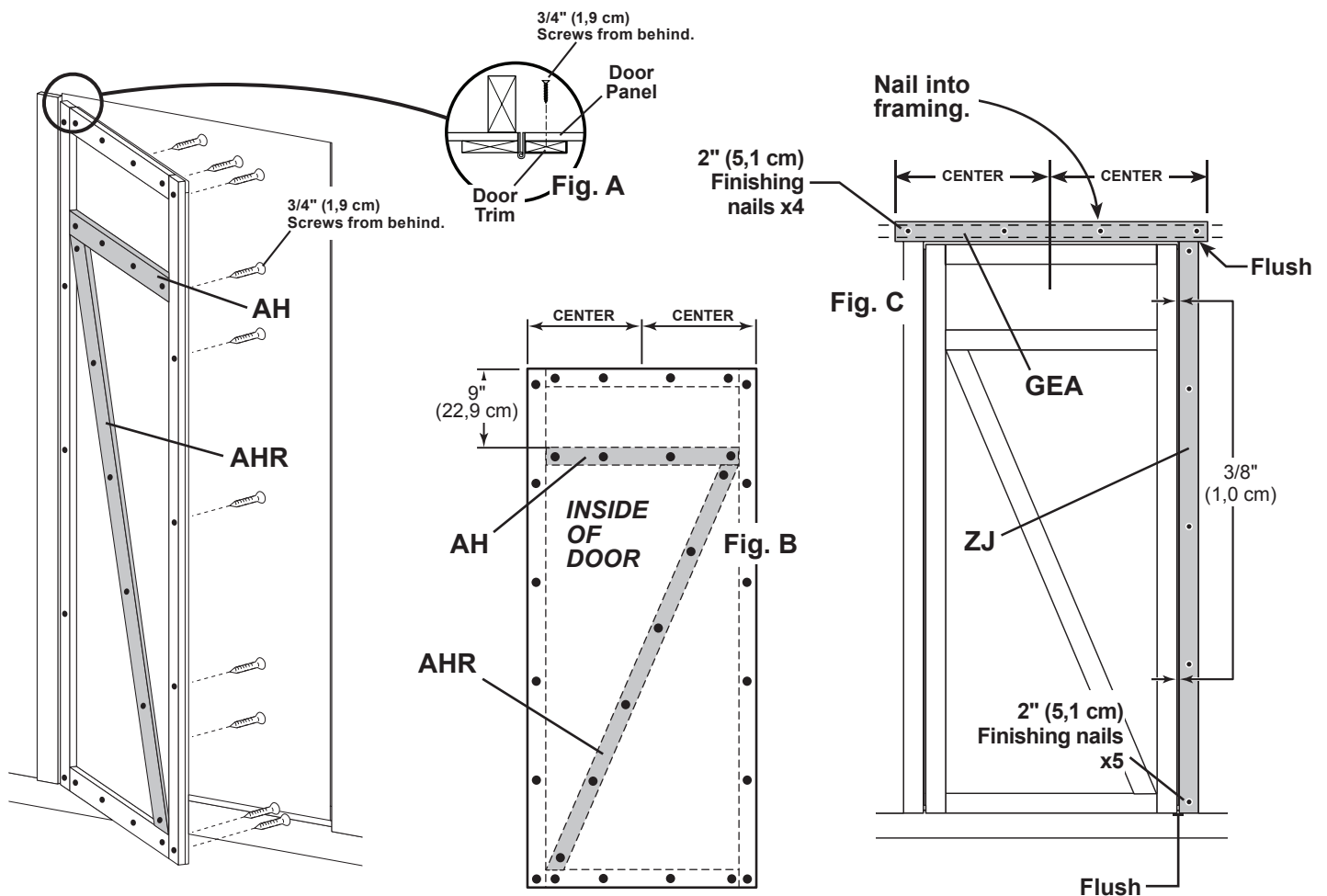
- x30  3/4" (1,9 cm)
- x9  2" (5,1 cm)

- x1 **AHR**  
19/32 x 2-1/2 x 62" (1,5 x 6,3 x 157,5 cm)



✓ **BEGIN**

- 1 Install upper door trim **AH** and secure with (4) 3/4" screws from inside of door.
- 2 Install **AHR** flush to installed door trim **AH** and secure with 3/4" screws from inside of door. (**Fig. B**).
- 3 Reinforce the door trim using 3/4" screws through door panel into trim (**Fig. A**).  
Locate screws as shown (**Fig. B**).
- 4 Flush **ZJ** with bottom of wall panel and door and secure with (5) 2" finishing nails into framing as shown.  
Ensure 3/8" measurement as shown (**Fig. C**).
- 5 Center trim **GEA** over door and secure with (4) 2" finishing nails into framing as shown (**Fig. C**).



✓ **FINISH**

Your door trim is now installed.

# EAVE WALL - L.H. DOOR STIFFENER/ THRESHOLD/ WEATHER STRIP

## PARTS REQUIRED:

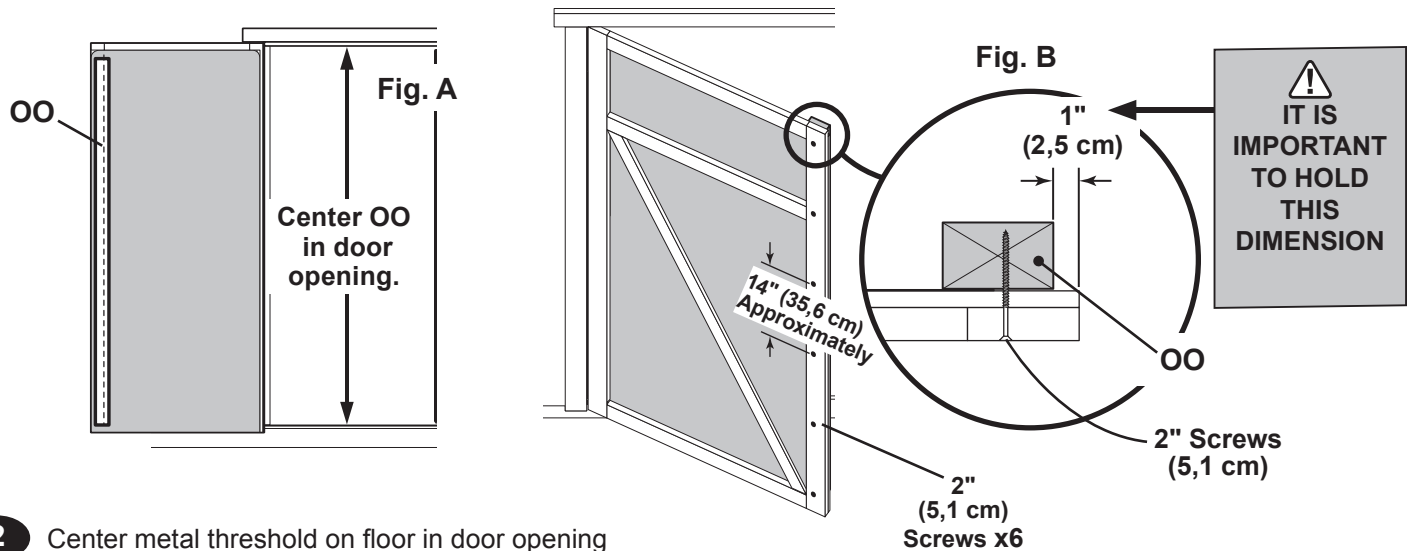
- x1** **OO**  
69" (175,3 cm) Door Stiffener
- x2** **LRA**  
1 x 4 x 69-3/4" (2,5 x 10,2 x 177,2 cm)

- x1** **31-5/8" Metal Threshold**  
31-5/8" Metal Threshold  
Bagged separately / special coating

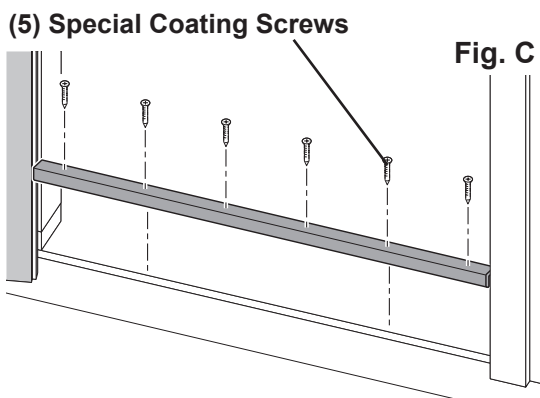
- x6** **2" (5,1 cm)**  
2" (5,1 cm)
- x20** **2" (5,1 cm)**  
2" (5,1 cm)
- 

### BEGIN

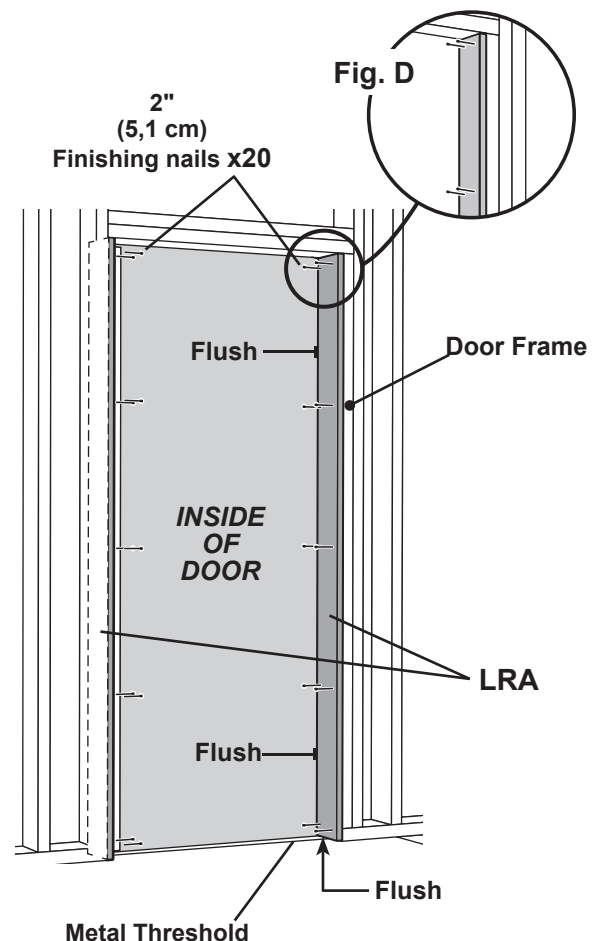
- Center **OO** vertically on door in the door opening (**Fig. A**) 1" from edge of door (**Fig. B**).  
Secure with (6) 2" screws through outside trim into **OO** (**Fig. B**)



- Center metal threshold on floor in door opening and secure with 3/4" special coating screws into floor (**Fig. C**).



- Working inside shed with door held closed, install weatherstrip **LRA** flush to metal threshold at bottom of door (**Fig. D**).  
Hold **LRA** tight against inside of door (**Fig. D**).  
Secure **LRA** with 2" finishing nails into right door frame, as shown.



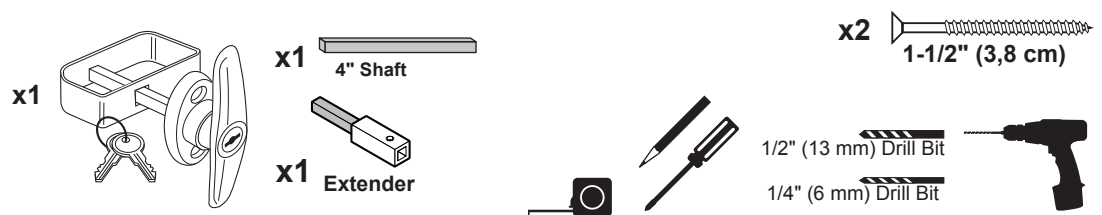
**Repeat step 3 to install LRA on other side of door opening.**



You have finished installing your weatherstrip and threshold.

## EAVE WALL L.H. - DOOR HARDWARE

### PARTS REQUIRED:



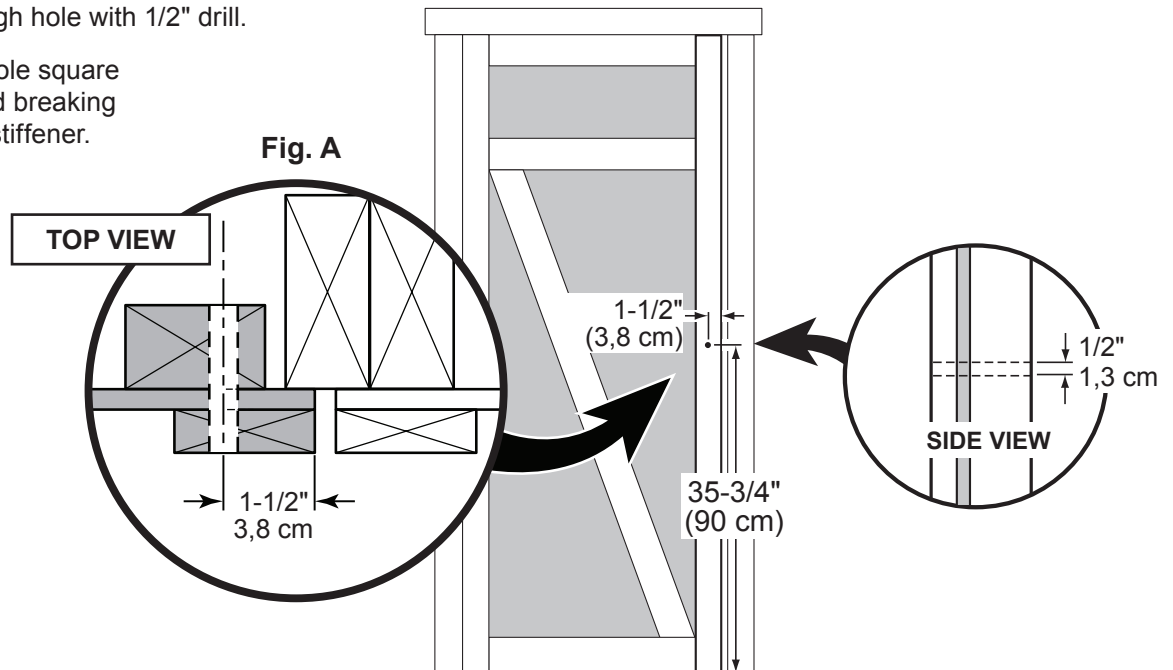
### ✓ BEGIN

- 1 Measure and mark location of hole on outside of right door (**Fig .A**).  
Pre-drill pilot hole with 1/4" drill.

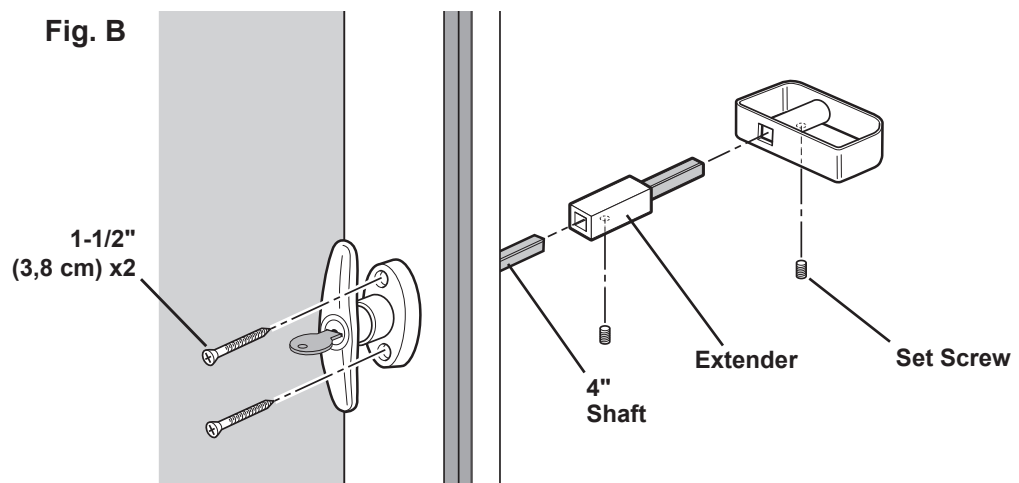
Pre-drill through hole with 1/2" drill.



Keep drilled hole square to trim to avoid breaking edge of door stiffener.



- 2 Insert shaft in hole and secure handle with 1-1/2" screws (**Fig. B**).  
Install extender over shaft. Attach inside handle and secure extender and handle with set screws, as shown.



FINISH

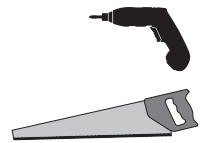
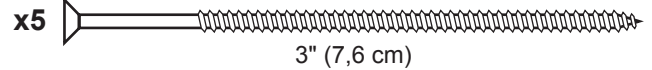
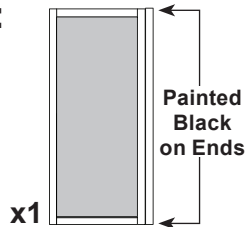
Your door handle is now installed



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## EAVE WALL R.H. DOOR

### PARTS REQUIRED:



### ✓ BEGIN

- 1 Carefully cut bottom wall frame 2 x 4 flush with door frame using a saw (**Fig. A**).

⚠ **Be careful not to cut into floor panel!**

- 2 Install door with black-painted hinge board to the right.

- 3 Center door in wall panel opening.  
Hold door in position and keep level.



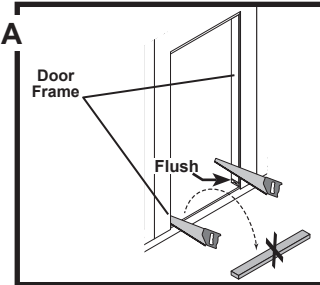
- 4 Measure Gap (**Fig. B**) between door trim and wall panel.  
Hold door in position and keep level.

⚠ **Hinge-board must overhang wall panel at measurement shown (**Fig. C**).**  
Bottom of door trim is even with wall panel as shown.

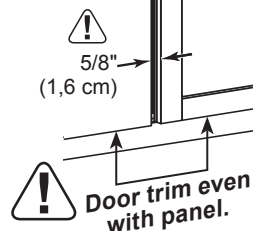
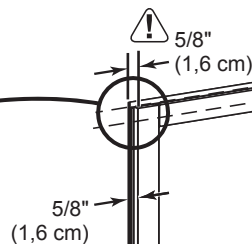
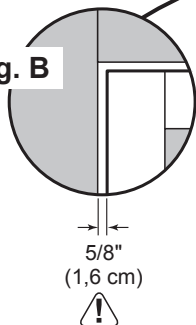
- 5 Secure hinge boards to wall supports and floor with (5) 3" screws, as shown.

⚠ **Make sure screws go into framing and floor (**Fig. D**, **Fig. E**).**

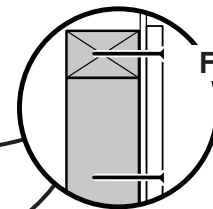
**Fig. A**



**Fig. B**



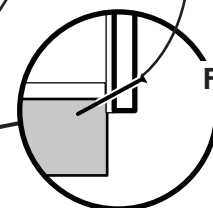
**Fig. D**



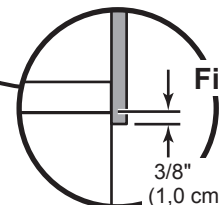
3" (7,6 cm)  
Screws into the wall  
support and floor frame.

Angle 3" (7,6 cm)  
Screw

**Fig. E**



**Fig. C**



Your single door is now installed.


## EAVE WALL R.H. DOOR - TRIM

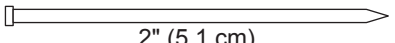
### PARTS REQUIRED:

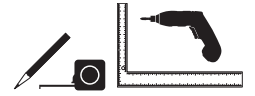
x1 **AH**  
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)

x1 **GEA**  
19/32 x 3 x 39-3/8" (1,5 x 7,6 x 100 cm)

x1 **AHR**  
19/32 x 2-1/2 x 62" (1,5 x 6,3 x 157,5 cm)

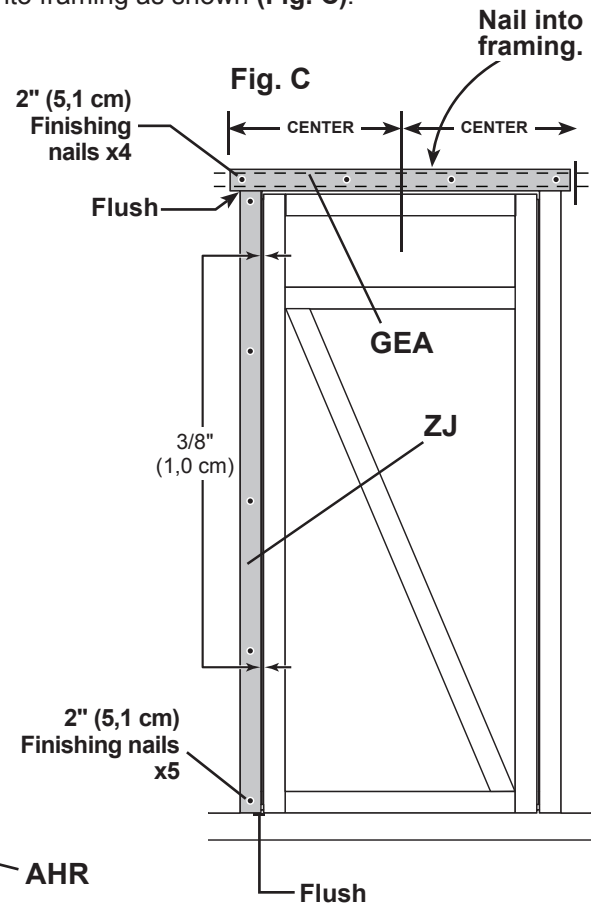
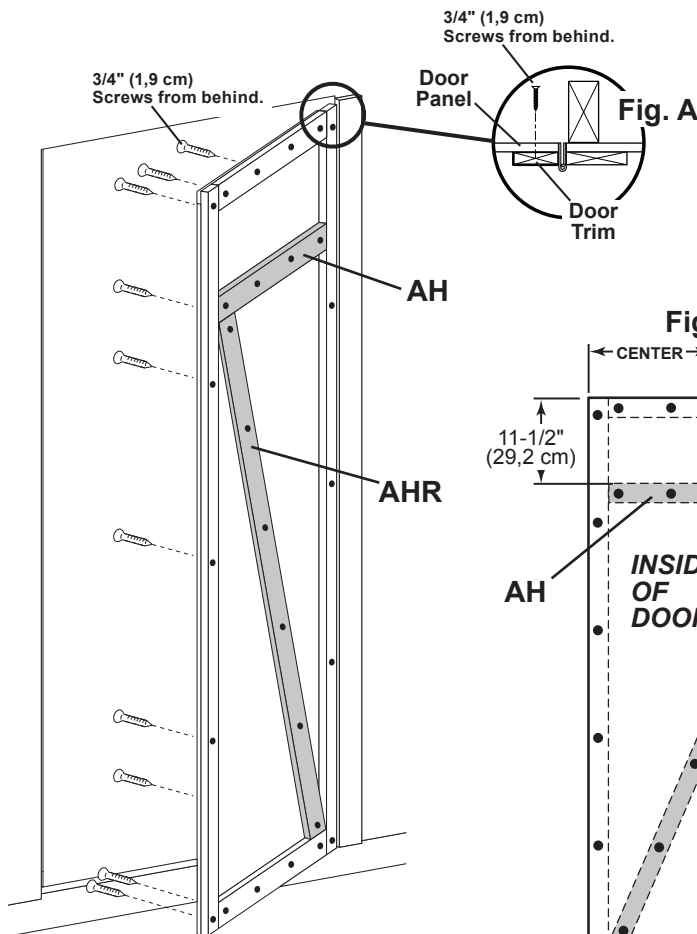
x30  3/4" (1,9 cm)

x9  2" (5,1 cm)



### ✓ BEGIN

- 1 Install upper door trim **AH** and secure with (4) 3/4" screws from inside of door.
- 2 Install **AHR** flush to installed door trim **AH** and secure with 3/4" screws from inside of door. (Fig. B).
- 3 Reinforce the door trim using 3/4" screws through door panel into trim (Fig. A).  
Locate screws as shown (Fig. B).
- 4 Flush **ZJ** with bottom of wall panel and door and secure with (5) 2" finishing nails into framing as shown.  
Ensure 3/8" measurement as shown (Fig. C).
- 5 Center trim **GEA** over door and secure with (4) 2" finishing nails into framing as shown (Fig. C).



Your door trim is now installed.



# EAVE WALL - R.H. DOOR STIFFENER/ THRESHOLD/ WEATHER STRIP

## PARTS REQUIRED:

- x1** **OO**  
69" (175,3 cm) Door Stiffener
- x2** **LRA**  
1 x 4 x 69-3/4" (2,5 x 10,2 x 177,2 cm)

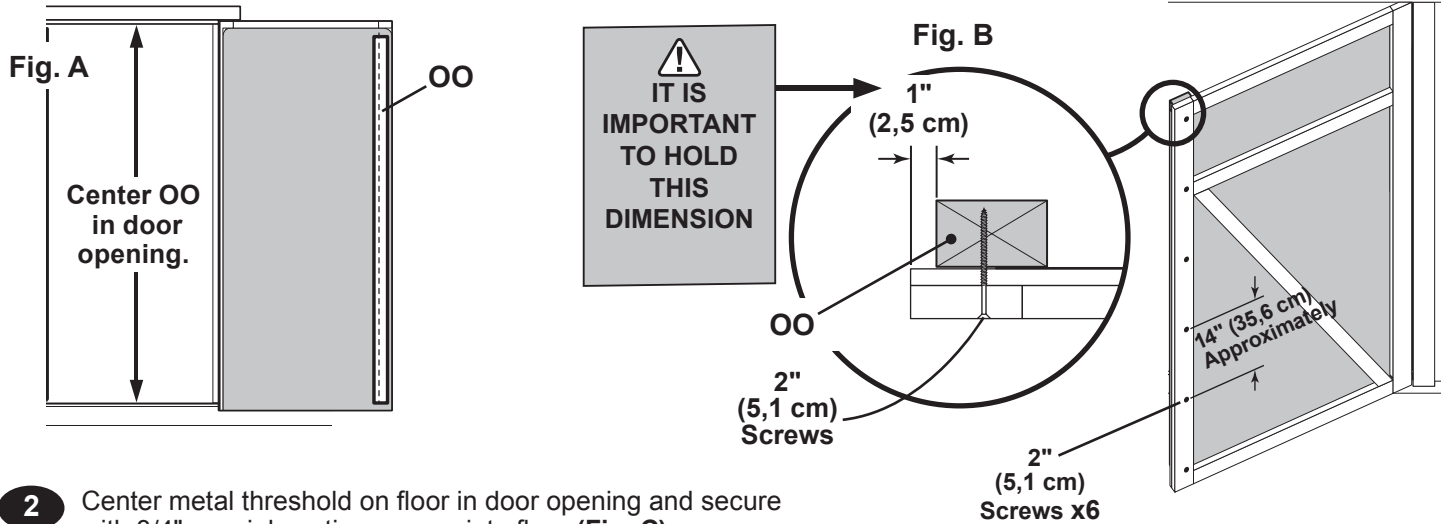
- x1** **3/4" (1,9 cm) x6**  
Bagged separately / special coating
- x1** **31-5/8" Metal Threshold**

- x6** **2" (5,1 cm)**
- x20** **2" (5,1 cm)**
- 

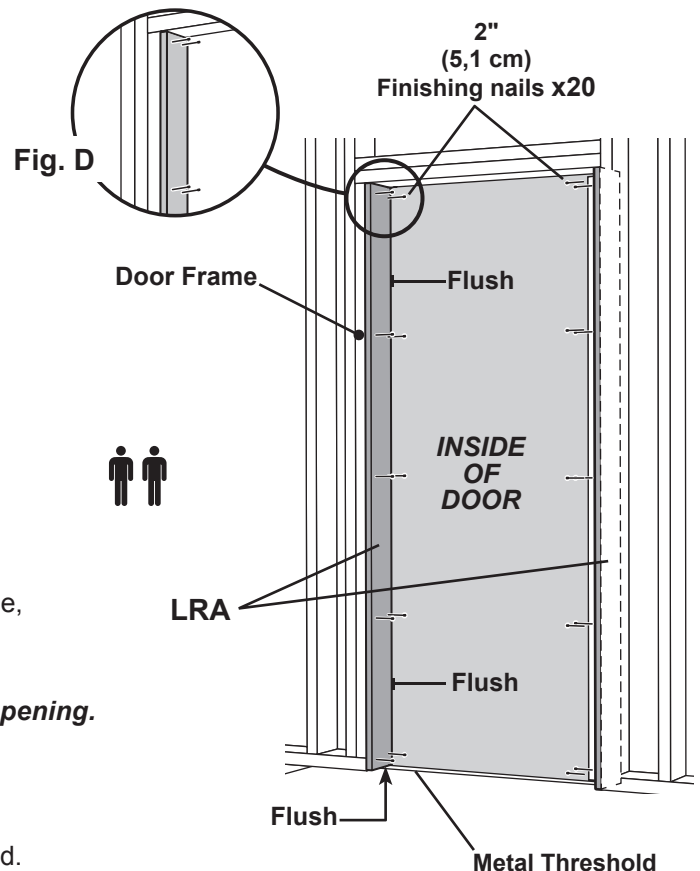
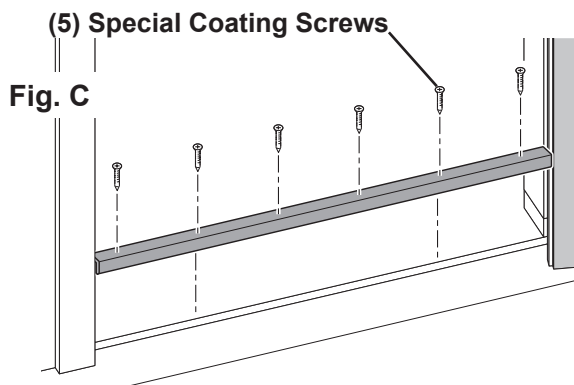
### ✓ BEGIN

- 1** Center **OO** vertically on door in the door opening (**Fig. A**) 1" from edge of door (**Fig. B**).

Secure with (6) 2" screws through outside trim into **OO** (**Fig. B**)



- 2** Center metal threshold on floor in door opening and secure with 3/4" special coating screws into floor (**Fig. C**).



- 3** Working inside shed with door held closed, install weatherstrip **LRA** flush to metal threshold at bottom of door (**Fig. D**).  
Hold **LRA** tight against inside of door (**Fig. D**).  
Secure **LRA** using 2" finishing nails into right door frame, as shown.

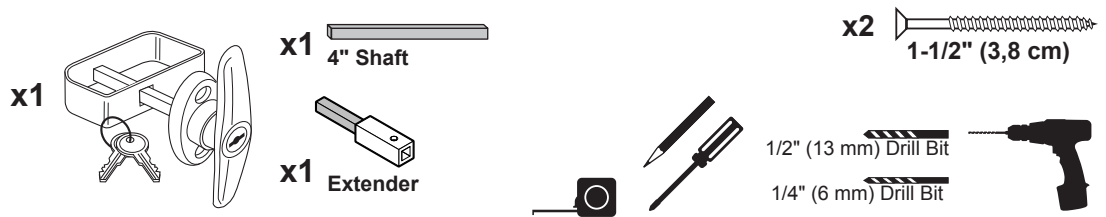
*Repeat step 3 to install LRA on other side of door opening.*



Your weatherstrip and threshold have now been installed.

## EAVE WALL R.H. DOOR HARDWARE

### PARTS REQUIRED:



#### ✓ BEGIN

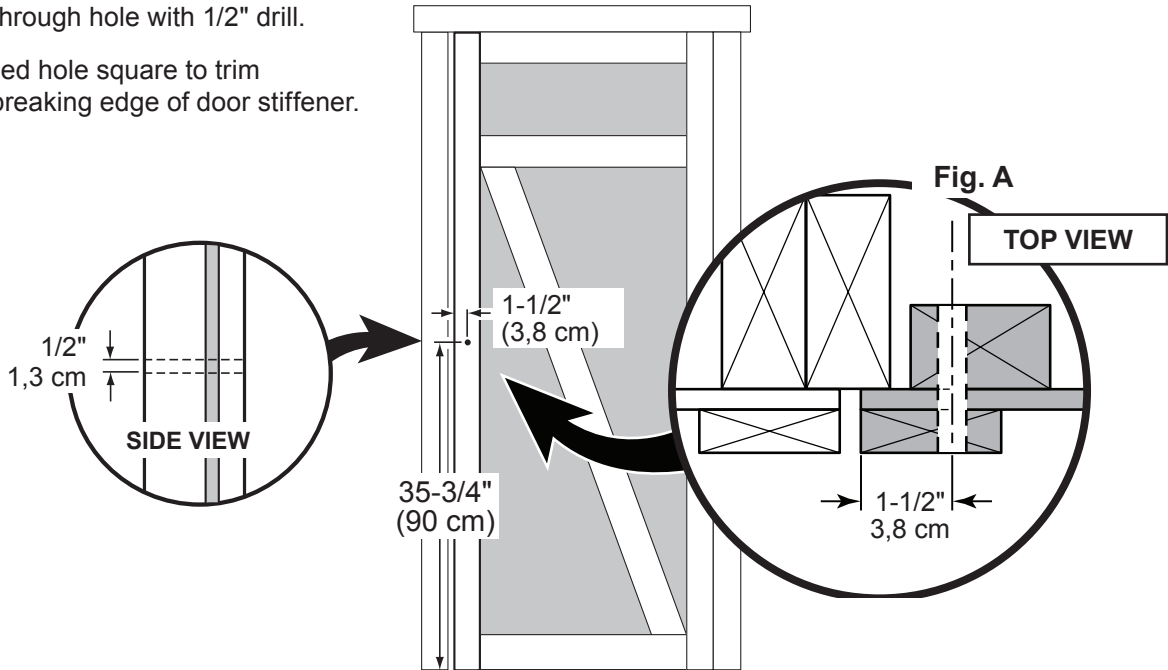
- 1 Measure and mark location of hole on outside of right door as shown (**Fig.A**).

Pre-drill pilot hole with 1/4" drill.

Pre-drill through hole with 1/2" drill.

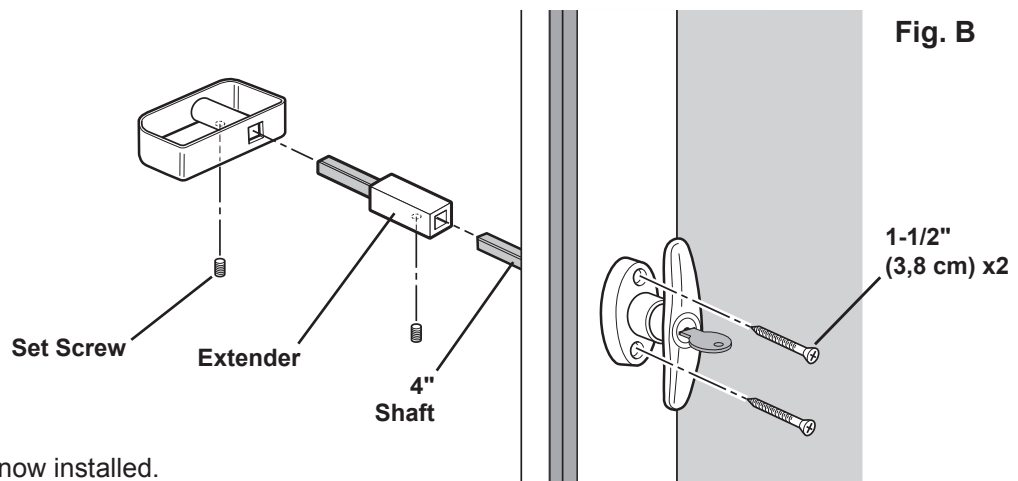


Keep drilled hole square to trim to avoid breaking edge of door stiffener.



- 2 Insert shaft in hole and secure handle with 1-1/2" screws (**Fig. B**).

Install extender over shaft. Attach inside handle and secure extender and handle with set screws, as shown.



FINISH



Your door handle is now installed.



Go to NEXT PAGE

## CORNER TRIM

### PARTS REQUIRED:

- x4**  3/8 x 1-3/4 x 82-1/2" (1 x 4,4 x 209,6 cm)
- x4**  3/8 x 1-3/4 x 81-7/8" (1 x 4,4 x 208 cm)

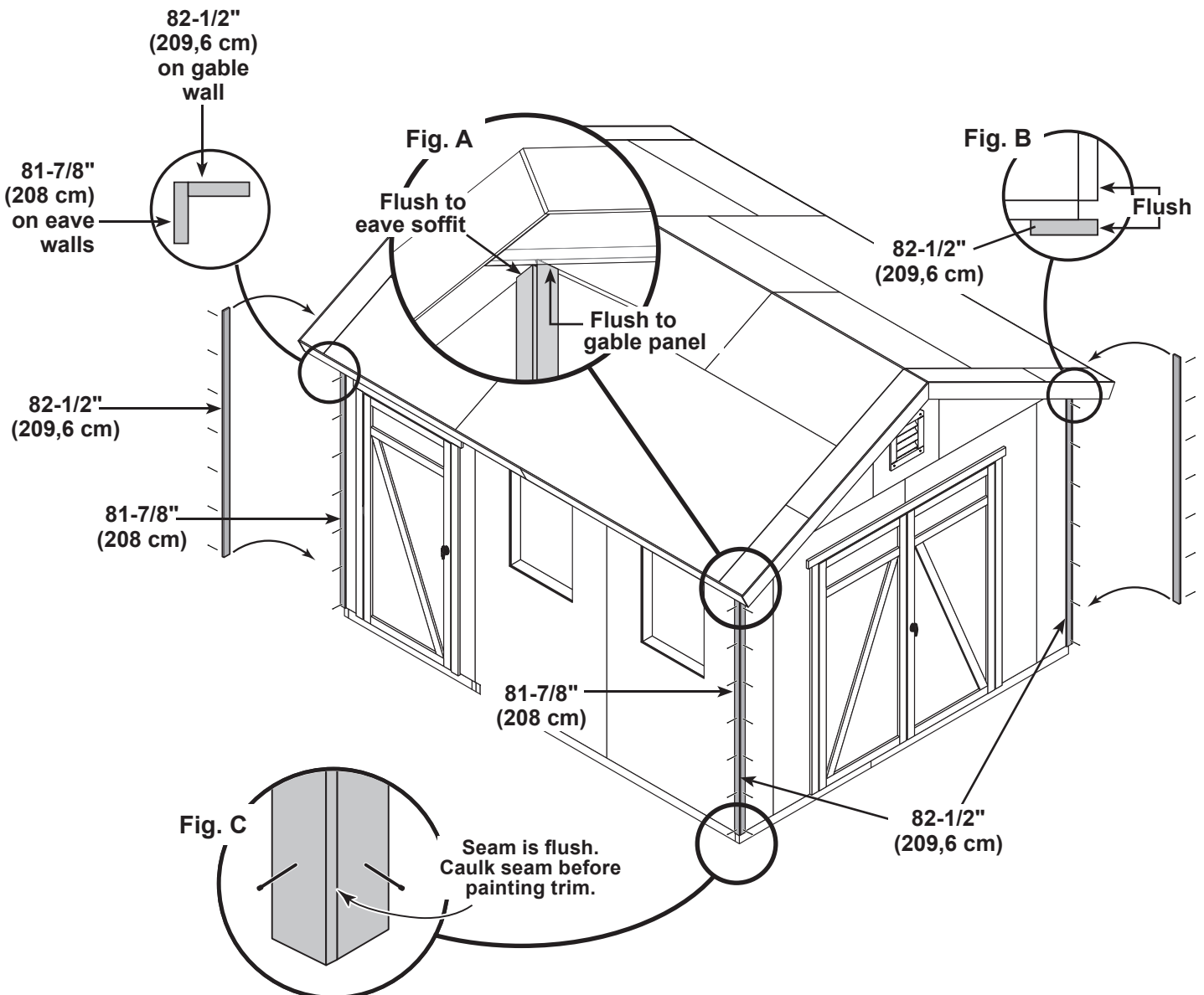


x56

2" (5,1 cm)

### ✓ BEGIN

- 1** Install gable end **82-1/2"** corner trim under gable panel, (**Fig. A**) and flush to eave wall panel (**Fig. B**). Secure with 2" finishing nails spaced evenly.
- 2** Install eave side **81-7/8"** corner trim flush to eave soffit and flush along seam of installed corner trim (**Fig. C**). Secure with 2" finishing nails spaced evenly.



*Repeat steps to install trim to all four corners.*



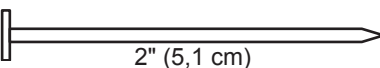
Your corner trim is now installed.

## COLLAR TIE

### PARTS REQUIRED:

x2 **HJ**  
1 x 3 x 72" (1,6 x 7,6 x 182,9 cm)



x12  2" (5,1 cm)



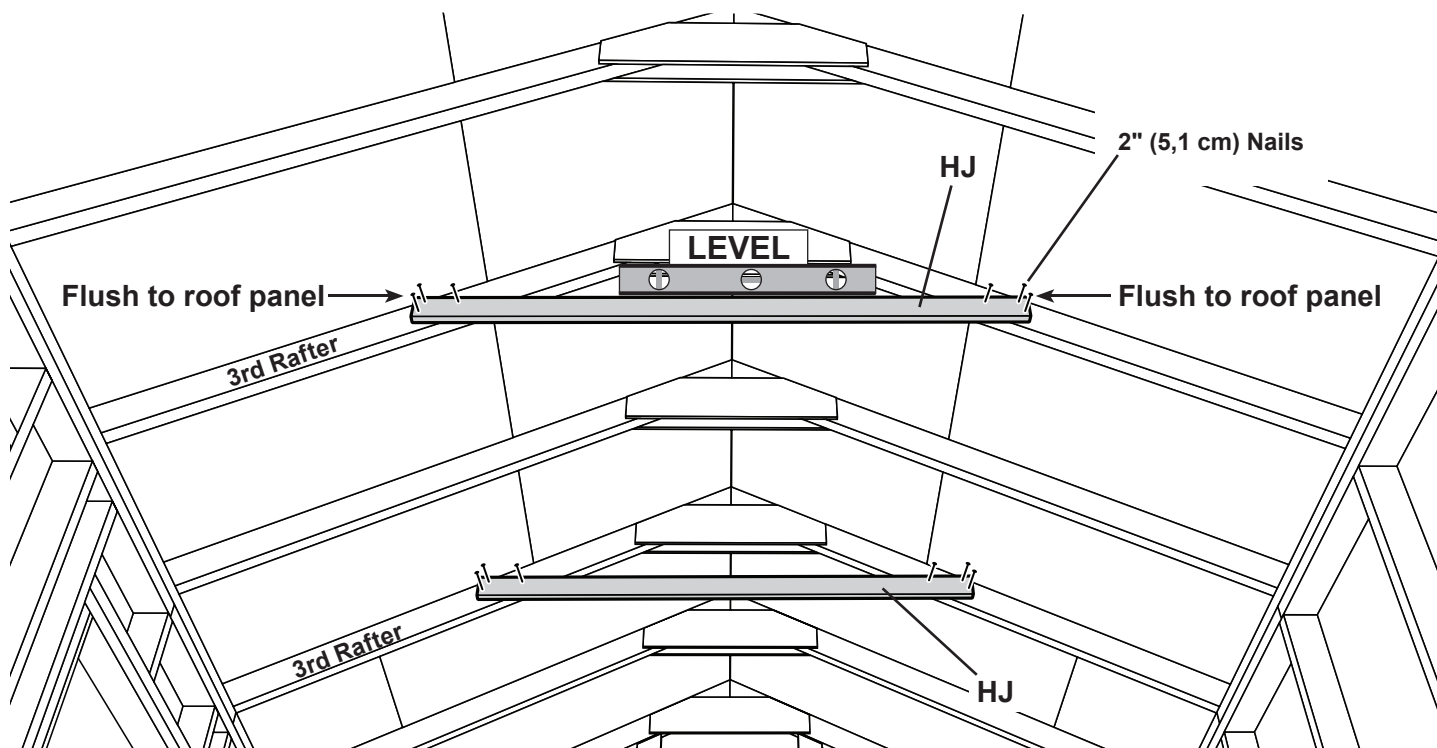
### ✓ BEGIN

- 1 Install (2) collar ties **HJ** on 3rd rafters from front and back walls.

Secure with 2" nails, as shown.



**HINT:** For best appearance install collar ties on rafters facing away from double door opening.

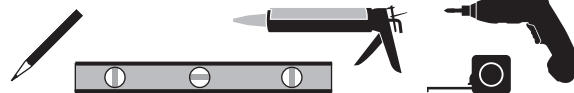
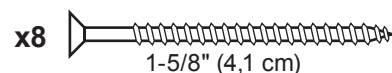


### FINISH

Your collar ties are now installed.

## WINDOWS AND WINDOW TRIM

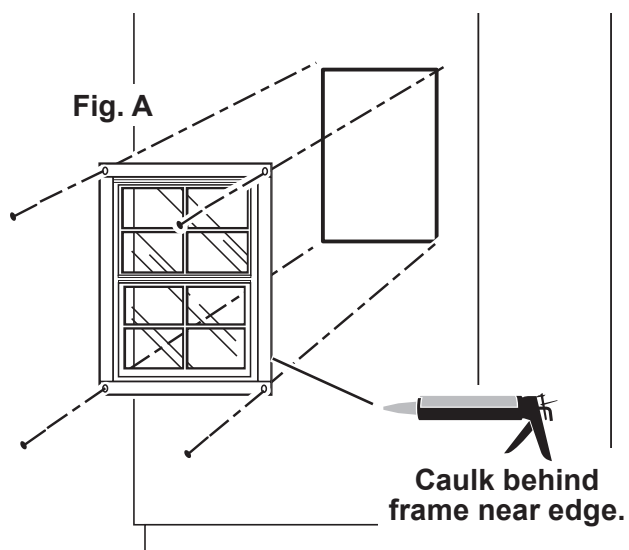
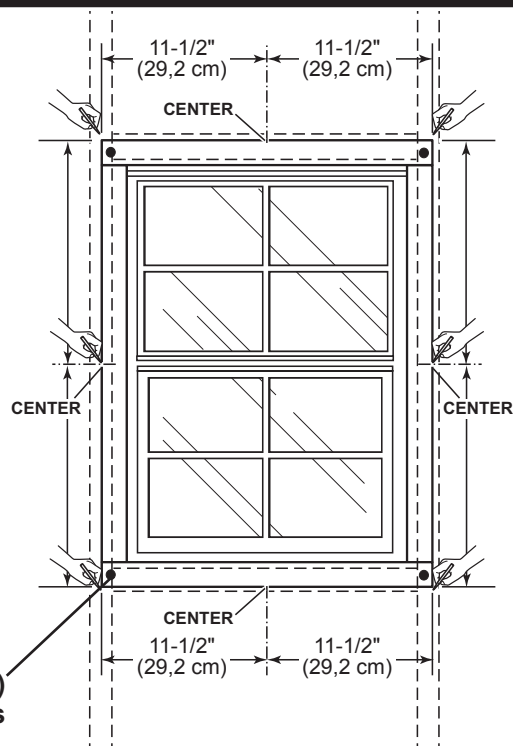
### PARTS REQUIRED:



#### ✓ BEGIN

- 1 Mark center of window frame as shown. Measure over 11-1/2" and mark. Repeat step for other window.
- 2 Seal window with high-quality exterior-grade caulk before installing (**Fig. A**).
- 3 Secure window with (4) 1-5/8" screws, as shown. Ensure window is level.

*Repeat steps to install the second window.*



## WINDOW TRIM

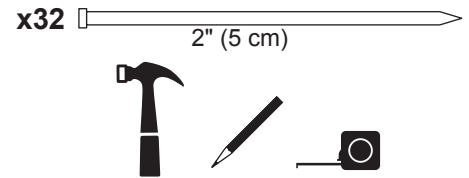
### PARTS REQUIRED:

x4 **ROR**

19/32 x 2-1/2 x 28-1/2" (1,5 x 6,3 x 72,4 cm)

x4 **AZ**

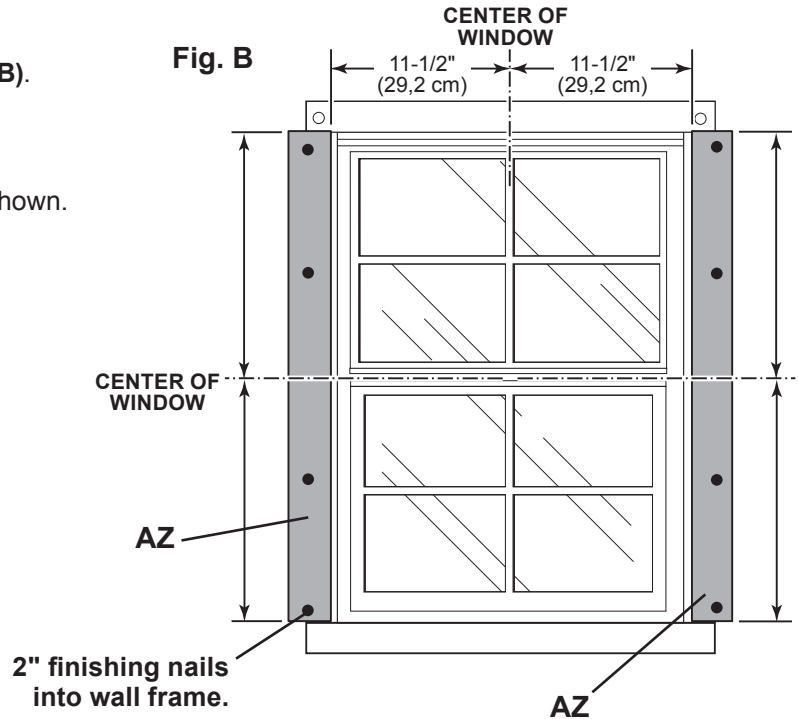
19/32 x 2-1/2 x 30" (1,5 x 6,3 x 76,2 cm)



- 5** Place the inside edge of **AZ** 11-1/2" apart from the center of window, as shown (**Fig. B**).

Center trim vertically on window.

Secure with 2" finishing nails at locations shown.  
Nail into window frame and studs behind.

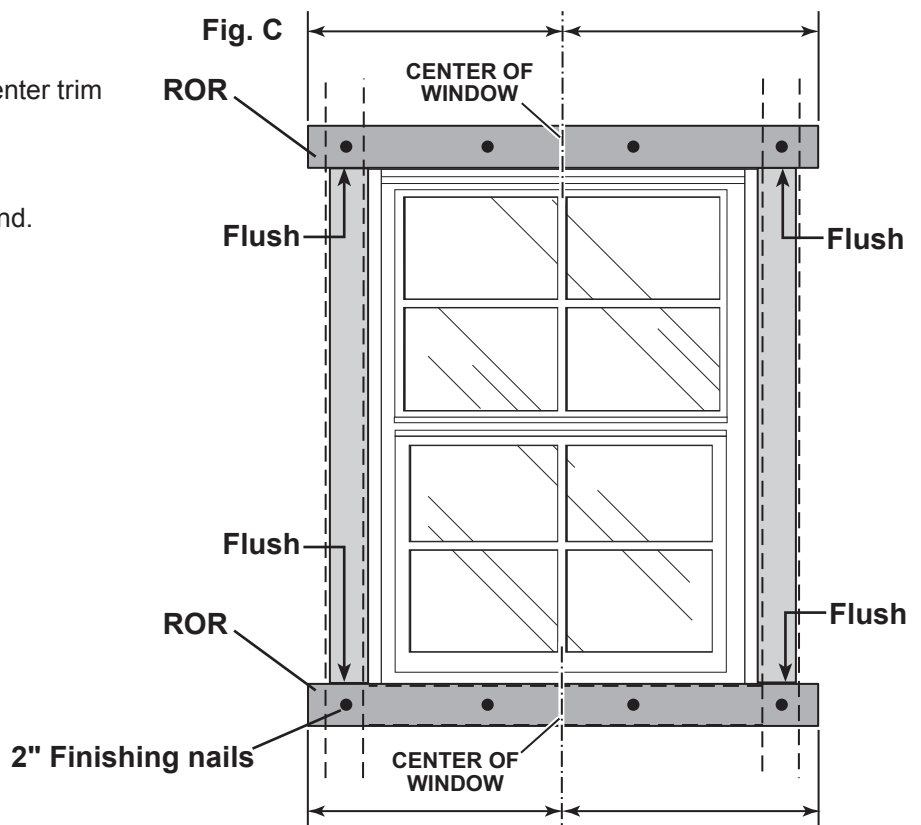


- 6** Place **ROR** flush to **AZ** (**Fig. C**) and center trim horizontally on window.

Secure with 2" finishing nails.  
Nail into window frame and studs behind.

Repeat to install other **ROR**.

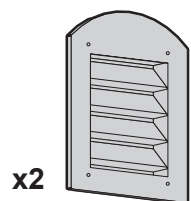
*Repeat steps 5 - 6 to install trim for the second window.*




Your windows and window trim are now installed.

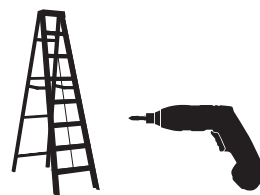
## GABLE VENTS

### PARTS REQUIRED:



#15021

x8   
#8 x 1" (2,5 cm)  
Pan Head Screws

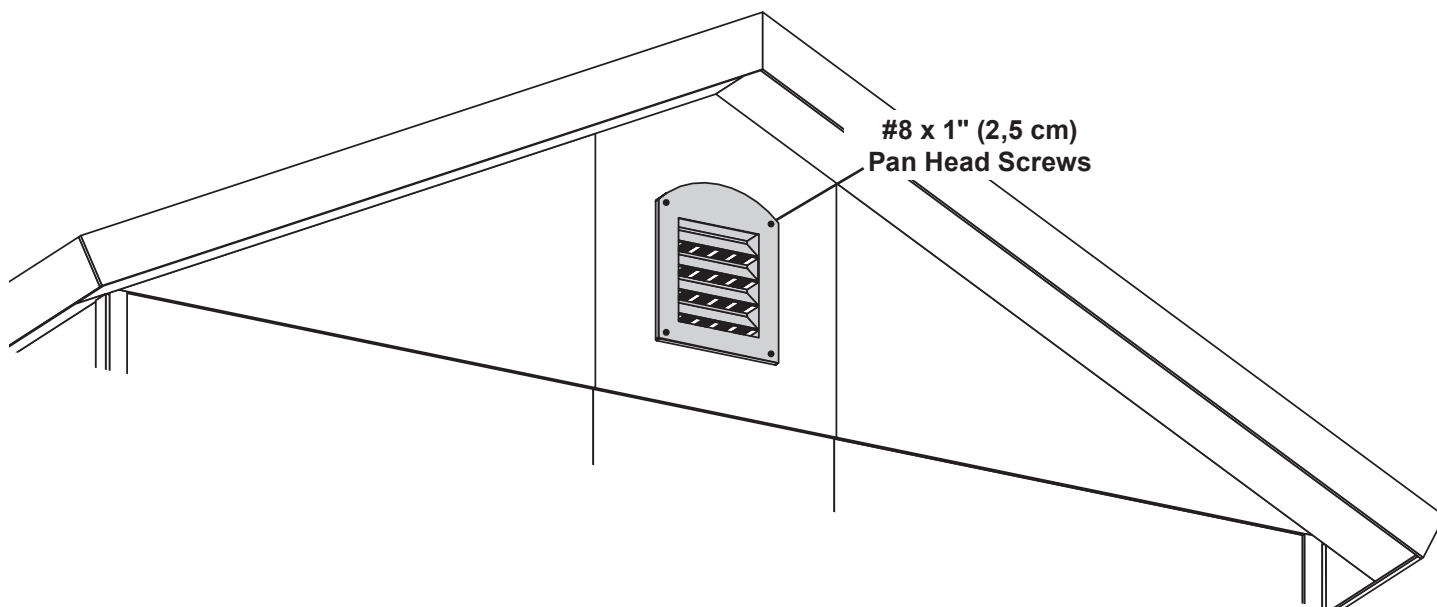


✓ **BEGIN**

**1** Locate vent in the gable wall, as shown.

Secure with (4) 1" screws.

*Repeat steps to install on the opposite gable wall.*



**FINISH**

Your gable vents are now installed.

## 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

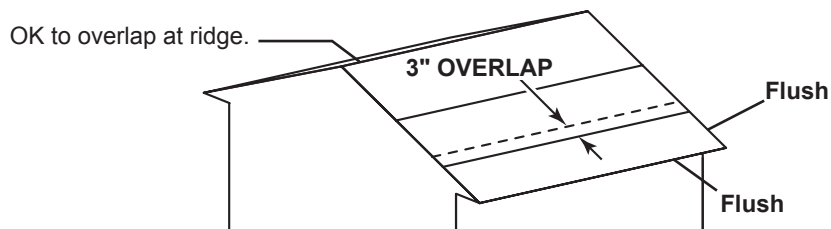
### Note:

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.

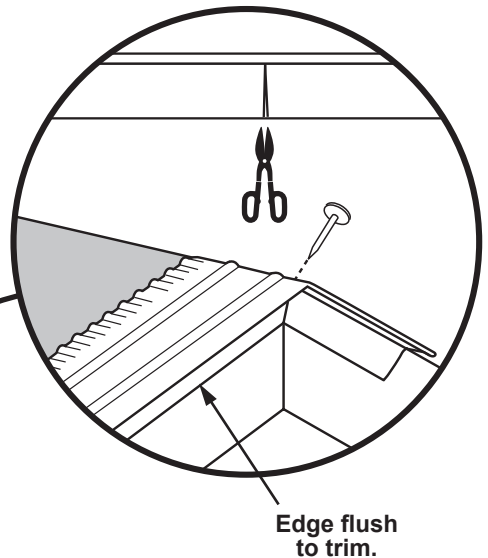
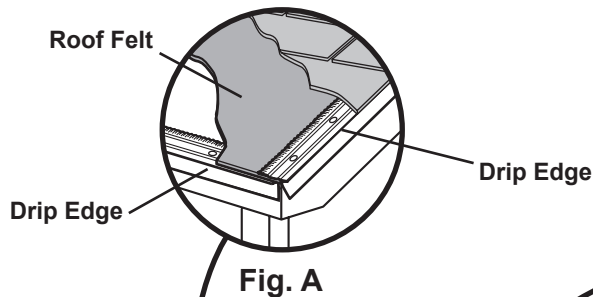


## DRIP EDGE

- NOT INCLUDED -



- Install drip edge over roof felt on gable side and under roof felt on eave 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.



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

(Follow directions provided by manufacturer.)

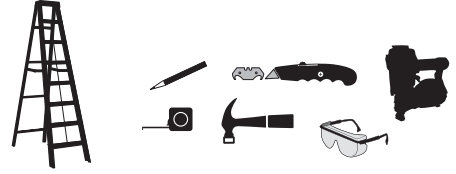




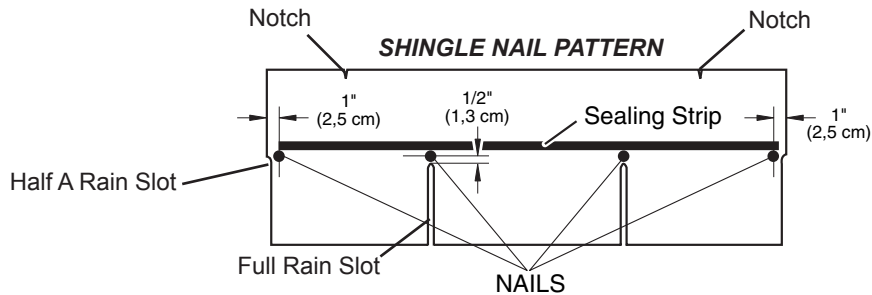
# SHINGLES

- NOT INCLUDED -

- Follow directions provided by manufacturer and these instructions.



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



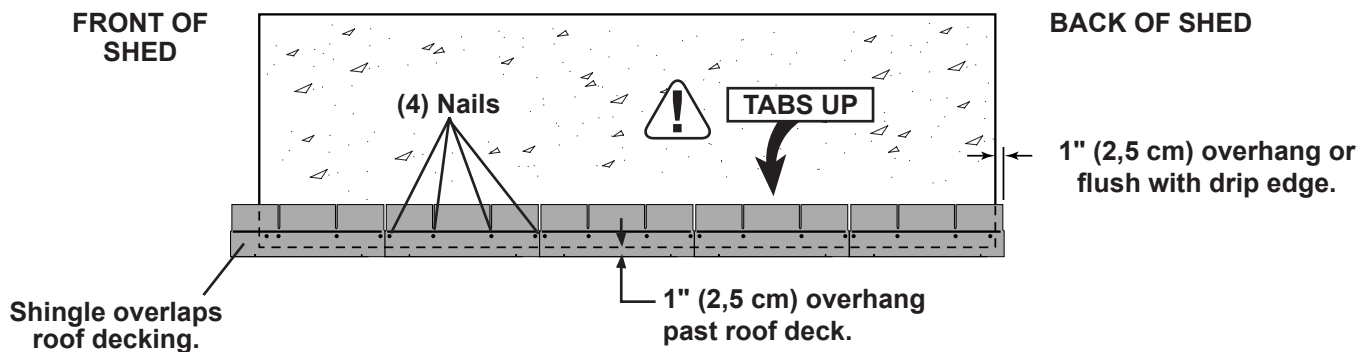
**! NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

**✓ 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.**

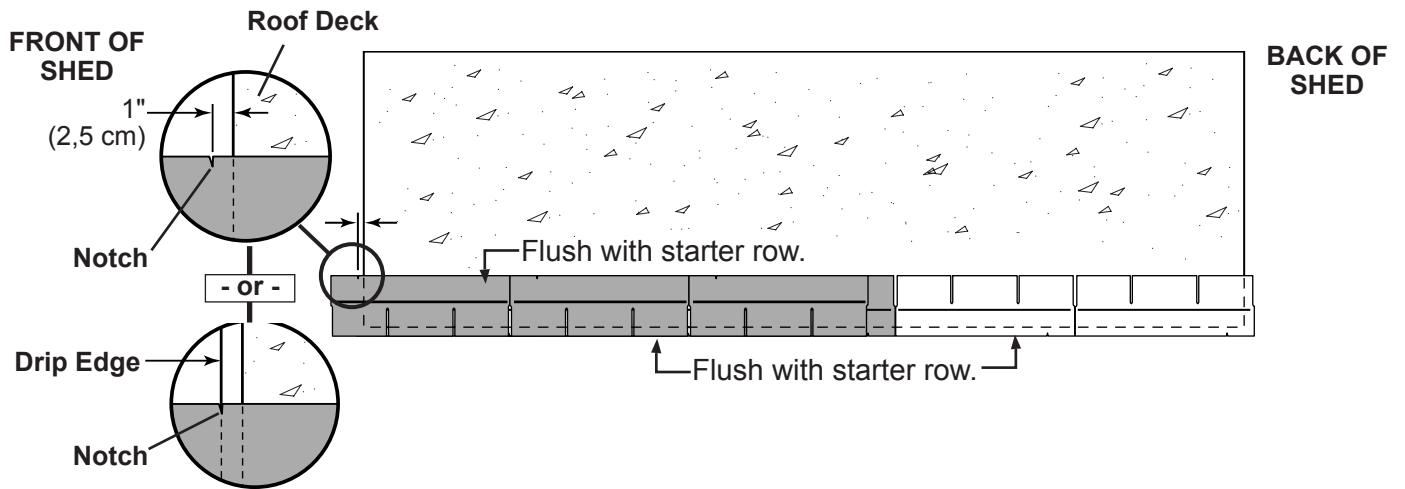
**NOTE:** If you have installed drip edge install shingles flush to drip edge.



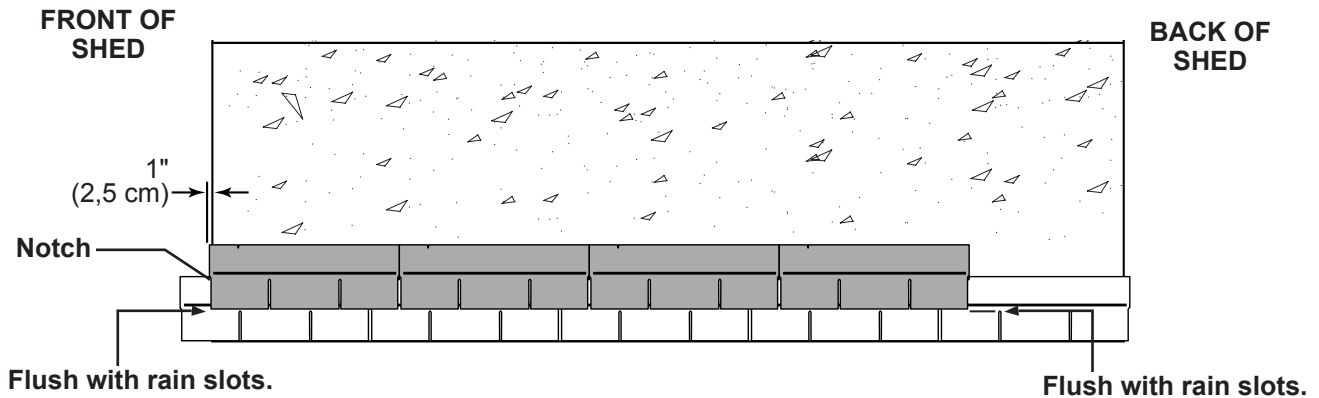
# SHINGLES

continued...

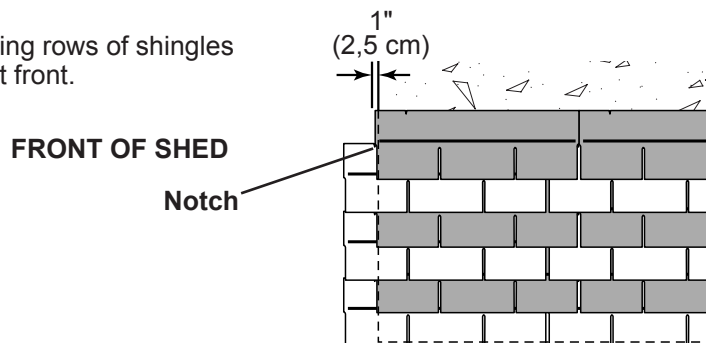
- 2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



- 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.



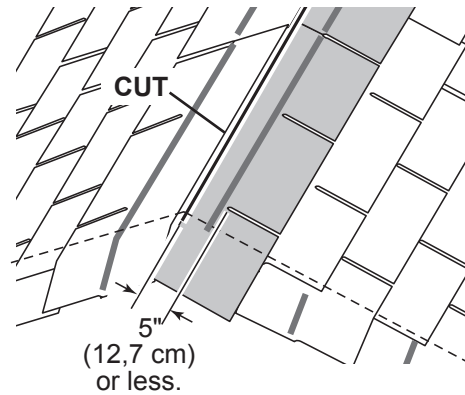
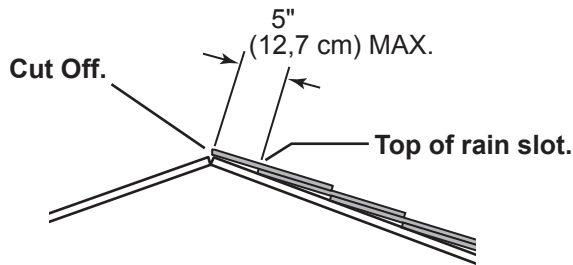
- 4 Continue installing rows of shingles by staggering at front.



## SHINGLES

continued...

- 5** 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.

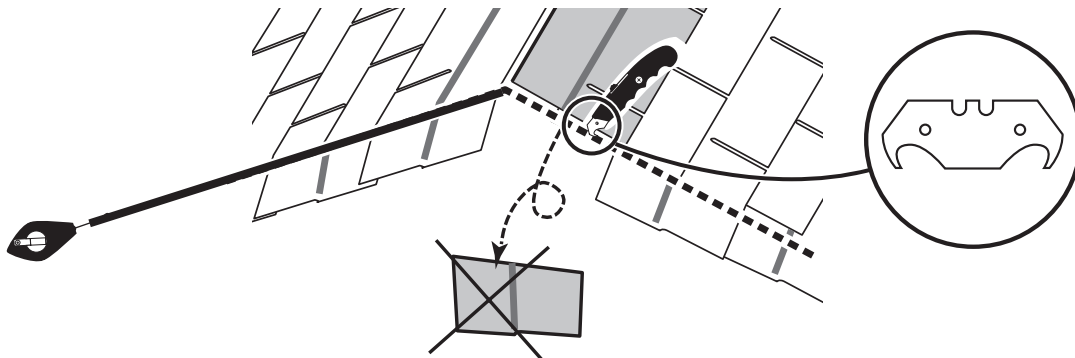


- !** • If more than 5" to rain slot you must install another row of shingles.

- 6** Repeat steps 1 - 5 to shingle the opposite side of your roof. Trim shingles at ridge.

- 7** Once both sides are shingled you need to trim ends. Strike a chalk line 1" from edge.

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



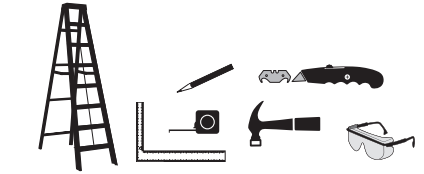
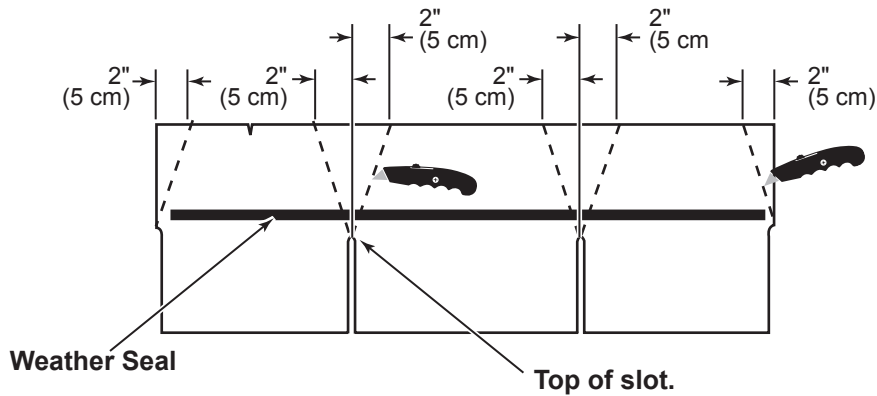
You have finished shingling your roof. Proceed to capping the ridge.

## 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.

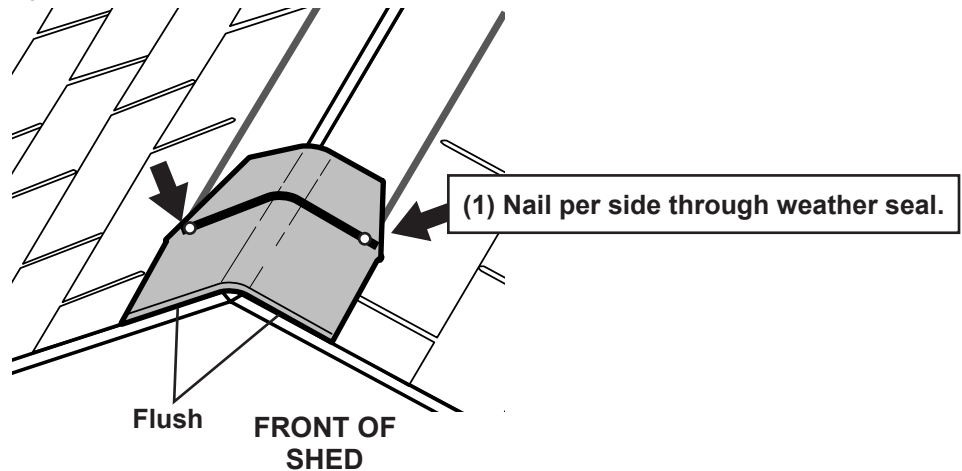


Score shingle, then snap-off angled cut.

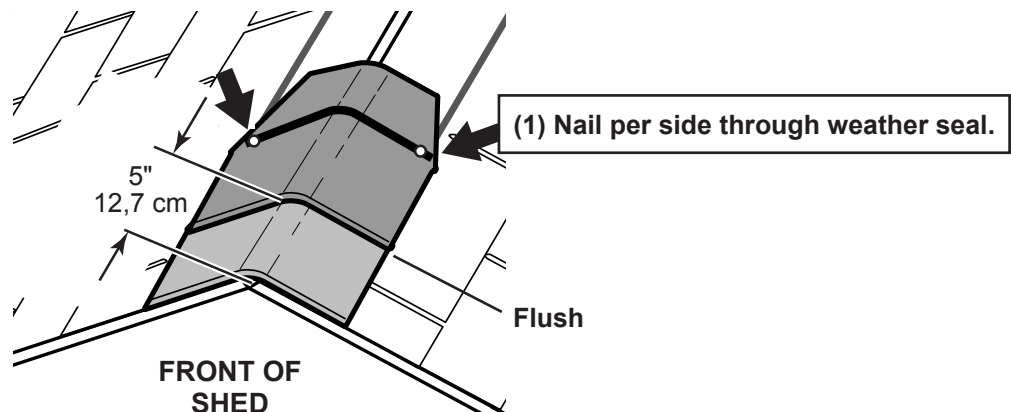
**Note:** • You will need about 33 - 35 cut pieces.

**33 to 35 Pieces**

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



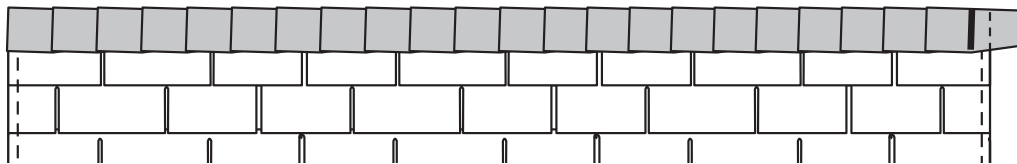
- 3** Install second ridge cap 5" back, as shown.



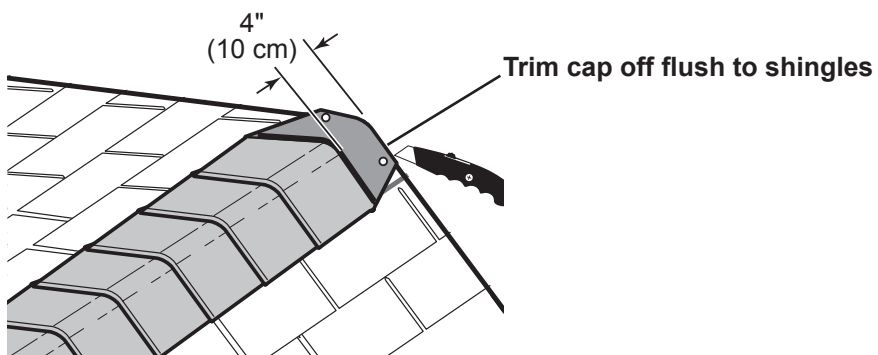
## SHINGLES - RIDGE CAP

continued...

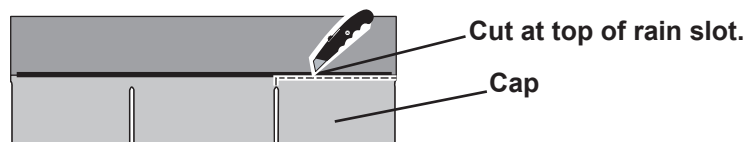
- 4 Continue installing ridge cap to back of roof.



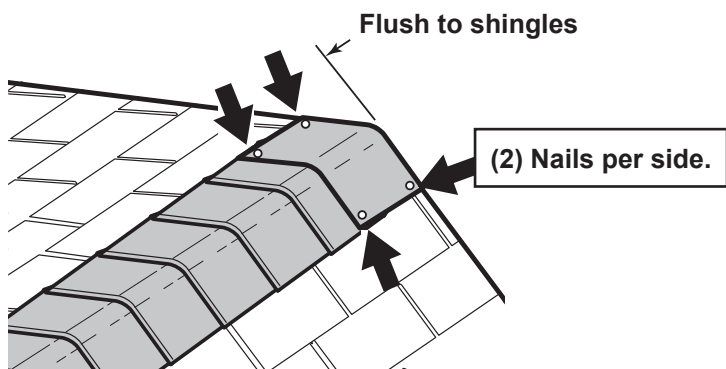
- 5 Make sure there is 4" between the shingle-color and edge of shingles.



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



- 7 Install flush to shingles.



You have finished your ridge cap.

# 16942-A 10' x 12' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 4	Overhang Blocking & Gable Framing	2 X 4 X 4-7/8" OVERHANG BLOCK	O 04140000000	12	CLA
	Rake Framing	2 X 4 X 75-1/4" 26.5" O/E	O 75042605000	8	ECA
	Rafters	2 X 4 X 75-1/4" 26.5" O/E	O 7504260500N	14	ECN
	Wall Studs	2 X 4 X 78 1/2"	O 78080000000	29	AI
	Side Wall Doubler "A"	2 X 4 X 92 1/2"	O 92080000000	2	TJ
	Back Wall Top & Btm Plate "B" / SW Doubler "B"	2 X 4 X 44 1/2" PLATE	O 44080000000	4	STL
	Door Studs / BW Top & Btm Plate "A"	2 X 4 X 68-1/2"	O 68080000000	6	YFA
	Front / Back Wall Doubler "B"	2 X 4 X 24" DOUBLER / PLATE	O 24000000000	2	RL
	Over Door / Over Window Crippler	2 X 4 X 6 1/2" OVER DOOR	O 06080000000	6	UY
	Sidewall Btm Plate "A" / Front & Back Doubler "A"	LUM SPF 2X4X96 #2&BTR	12306	4	TP
	Sidewall Btm Plate "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	2	SP
	Side Wall Top Plate	*LUM SPF 2X4X72 #2&BTR	O 72000000000	4	TM
	Door Header	2 X 4 X 67"	O 67000000000	2	AM
	Single Door Header	2 X 4 X 35" PLATE	O 35000000000	2	QT
	Front Wall Bottom Plate	2 X 4 X 24-1/2"	O 24080000000	2	KHA
	Front Wall Top Plate "A"	2 X 4 X 80-1/2" STUD	O 80080000000	1	CGA
	Front Wall Top Plate "B"	2 X 4 X 32 1/2" PLATE	O 32080000000	1	QS
	Window Framing	2 X 4 X 22 1/2"	O 22080000000	4	AO
	Gable Connector	2 X 4 X 23-1/4" @ 26.5" GABLE	O 23042605000	4	UV
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
	Collar Tie	LUM SPF 1X3 X72" SQ EDGE PET	U 72000000000	2	HJ
1 X 4 PINE	Single Door Weatherstrip	1 X 4 X 69-3/4"	T 69120308000	2	LRA
7/16 OSB	Roof Panel "A"	OSB 7/16" x 4' x 8'	11110	2	---
	Roof Panel "B"	* 7/16" X 27-1/4" X 48" OSB PANEL	C 4800270400S	6	---
	Roof Panel "C"	7/16" OSB 47 7/8" X 48" ROOF	C 48004714000	2	---
	Gable Roof Panel "A"	7/16" X 8-1/2" X 48" ROOF PANEL	C 48000808000	4	---
	Gable Roof Panel "B"	5/8" X 8-1/2" X 27-1/4" ROOF PANEL	C 27040808000	4	---
	Door Header Filler	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	1	---
	Single Door Header Filler	7/16" OSB 3 3/16" X 34 3/4"	C 34120303000	1	---
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28"-	J 24000600280	12	---
NO GROOVE SIDING	Wall panel at Door -RIGHT	3/8"NG RT PANEL@DOOR (33460)	K 84004800610	1	---
	Wall panel at Door -LEFT	3/8"NG LT PANEL@DOOR (33460)	K 84004800620	1	---
	Front Sidewall Panel	NG 11-7/8" X 84" WALL PANEL	K 84001114000	2	---
	Backwall & Sidewall Panel	SIDING NGSE 3/8X4"X7"	11507	5	---
	Side Wall Panel "B"	NG 23 7/8" X 84" WALL PANEL	K 84002314000	1	---
	Wall Panel w/ Window Cutout	3/8"NG EAVE WALL PANEL W/ WINDOW (33444)	K 840048000VV	2	---
	Wall Panel w/ Door Cutout	3/8"NG PANEL W/ DOOR	K 8400480000U	1	---
	Center Gable Panel w/ Hole	3/8" NG 23-7/8" X 34" CENTER	K 34002314000	2	---
	Gable Panels - RIGHT	3/8"NGx 28"x 48"RT GABLE	K 48002800110	2	---
	Gable Panels - LEFT	3/8"NGx 28"x 48"LT GABLE	K 48002800210	2	---
	Gable Soffit	3/8" NG 7-7/8" X 73-5/16"	K 73050714000	4	---
	Eave Soffit	3/8" NGx5-7/8" X 73"	K 73000514000	4	---
	Eave Fascia	3/8" NGx4-3/4" X 80-7/8"	K 80140412000	4	---
	Gable Trim-RIGHT	3/8" NG 4-3/4" X 75-7/8" 26.5	K 75140412100	2	---
	Gable Trim-LEFT	3/8" NG 4-3/4" X 75-7/8" 26.5	K 75140412200	2	---
	Corner Trim Eave Side	3/8"NGx1-3/4"x 81-7/8" TRIM	K 81140112000	4	---
	Corner Trim Gable Side	3/8"NGx1-3/4"x 82-1/2" TRIM	K 82080112000	4	---
19/32 X 3 SMART TRIM	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	3	AH
	Door Trim Hinge/Over Door	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	2	ZJ
	Crossbuck - Left	19/32 TST 2 1/2" X 62" 22.5"	UT62000208222	1	AHL
	Crossbuck - Right	19/32 TST 2 1/2" X 62" 22.5"	UT62000208221	2	AHR
	Over Door Trim - Single Door	19/32 TST 2 1/2" X 39 3/8"TRIM	UT39060208000	1	GEA
	Horizontal Window Trim	19/32 TST 2 1/2" X 30 1/8"	UT30020208000	4	AZ
	Vertical Window Trim	19/32 TST 2 1/2" X 28 1/2"	UT28080208000	4	ROR
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	3	OO
	Vents- Exterior White	VENT 8X10, APL# CV12X18W-PE, A	15021	2	---
	Threshold - Double Door	THRESHOLD 7/8" X 1-1/2" X 63-7/8	15420	1	---
	Black "T" & "D" Handle w/ Pawl	HANDLE - T 4" SHAFT & "D"	15375	2	---
	Handle Extender	D-HANDLE EXTENDER KIT 5/16" X 1-5/8" SHAFT w/ SET SCREW	15767	1	---
	Threshold - Single Door	THRESHOLD 7/8" X 1-1/2" X 31-5/8"	15428	1	---
	Large Square Window	WINDOW 22 1/4" X 29 3/4" LG SQ	15281	2	---
	Hardware Kit	H/K (33542) 8x12 - 3 Doors	15985	1	---
PACKAGING	Instructions		16942-A	1	---
Right Door Assembly	30181-L				
	Door Panel	3/8" NG 31 3/8" X 71 1/2"	K 7108310600M	1	---
	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
Left Door Assembly	30181-R				
	Door Panel	3/8" NG 31 3/8" X 71 1/2"	K 7108310600M	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
Universal Door Assembly	30128-U				
	Door Panel	3/8" NG 31 3/8" X 71 1/2"	K 7108310600U	1	---
	Left Hinge Assembly	HINGE (BLACK) - UNIVERSAL	30130-U	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH

## **LIMITED CONDITIONAL WARRANTY\***

Backyard Storage Solutions, LLC warrants the following:

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

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 quality, 100% acrylic latex exterior product with a minimum of two (2) coats within thirty (30) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of siding/trim and OSB siding to include all exterior walls and all sides and all edges of doors.

### **Gazebos & Pergolas**

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

Keep vegetation trimmed away from building and make sure siding panels and trim do not come in contact with masonry or cement. The minimum ground clearance for siding must be one half inch ( $\frac{1}{2}$  inch) from concrete slab or two and one half inches ( $2\frac{1}{2}$ ") from the ground when building is erected or constructed on a treated wood floor kit. Water from sprinklers must be kept off unit. In no event will Backyard Storage Solutions, LLC be responsible for any indirect, incidental, consequential or special damages nor for failure(s) that are caused by events, acts or omissions beyond our control including, but not limited to, misuse or improper assembly, improper maintenance (which eventually leads to rot or decay) and acts of God. Backyard Storage Solutions, LLC will not be held responsible for any labor costs incurred to construct your unit.

This warranty gives you certain specific rights that vary from state to state.

## **CLAIM PROCEDURE**

To make a claim under this warranty, you can either call 1-888-827-9056 or email: [customerservice@backyardproducts.com](mailto:customerservice@backyardproducts.com).

Please have ready the information below when you call or include the information in your email:

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

All other inquiries can be mailed to:

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

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

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

10Y MV LDR: 3/20/2019