16408

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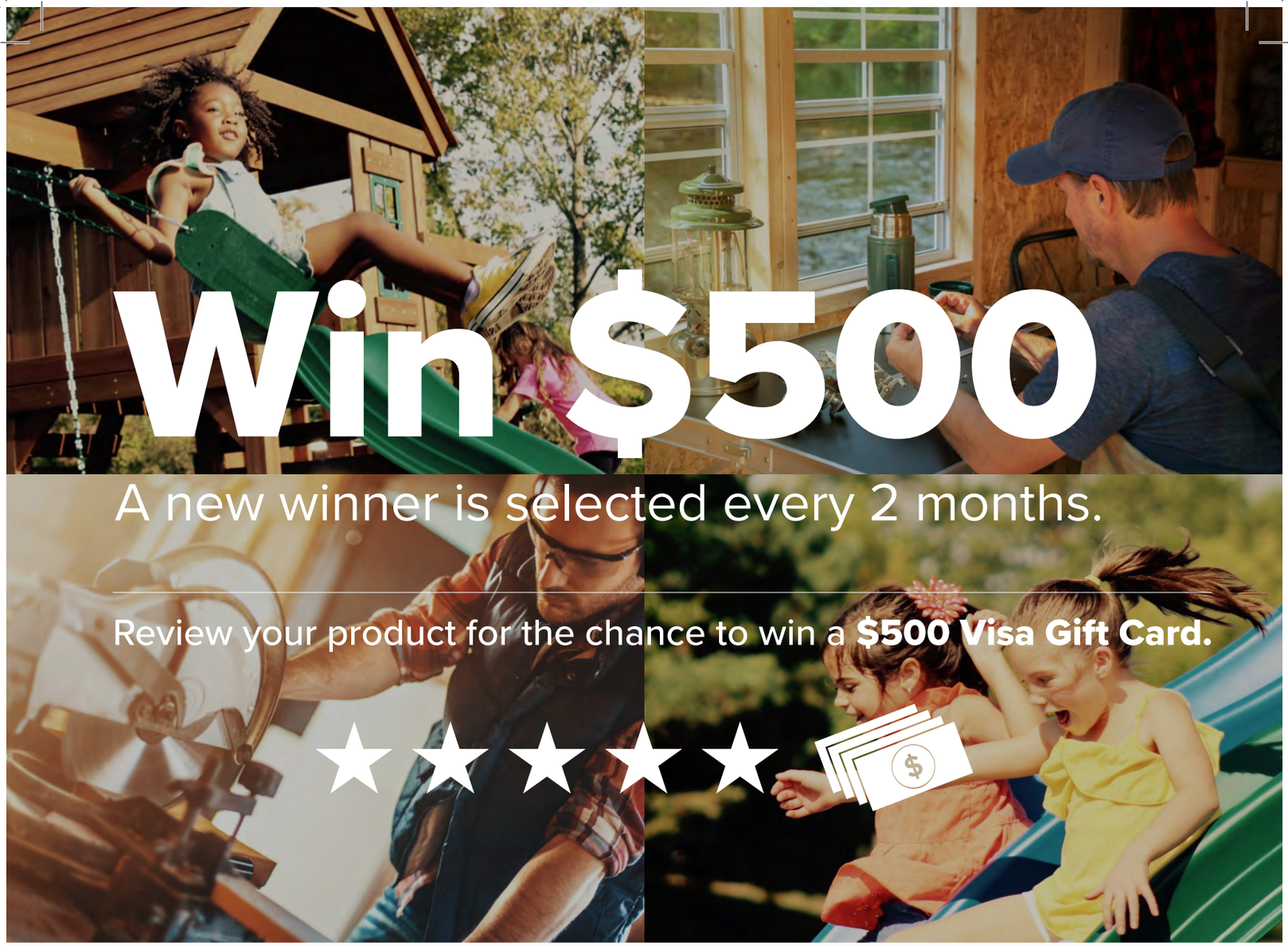

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HEARTLAND
A Backyard Products Company

16408	01/11/2022

HILLSDALE 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:
DOOR LOCATION
LEFT SIDE OF EAVE WALL

OPTION 2:
DOOR LOCATION
CENTERED ON EAVE WALL

OPTION 3:
DOOR LOCATION
RIGHT SIDE OF EAVE WALL

⚠ *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 9.

- **CHECK ALL PARTS**

  Inventory all parts listed on pages 3-5.

- **ADDITIONAL MATERIALS**

  You will need additional materials to complete your shed. See pages 6 for required and optional materials and quantities.

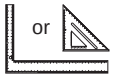
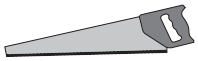
******CONTACT OUR CUSTOMER SERVICE TEAM***
IF ANY PARTS ARE MISSING OR DAMAGED***

- Order form and warranty at back of manual -

Call: 1-877-743-3400 email: customerservice@backyardproductsllc.com

TOOLS

Required

- ❑ Phillips Screwdriver 
- ❑ Drill / Driver 
  - ❑ 1/8" Drill Bit
  - ❑ 1/4" Drill Bit
  - ❑ 5/16" Drill Bit
  - ❑ 1/2" Drill Bit
  - ❑ #2 Philips 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.

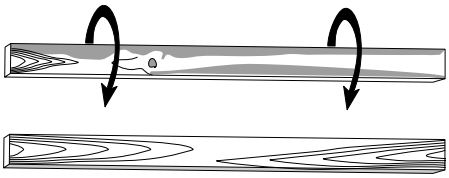
 = Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

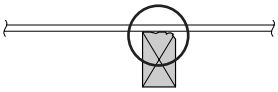
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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**.)

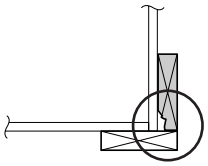
A



B

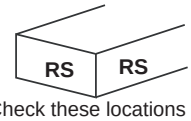


C



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)

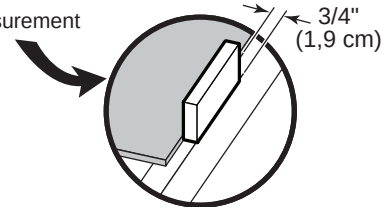
PARTS LIST

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



- ☐ **x3** UY — 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm)
- ☐ **x3** AL — 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)
- ☐ **x2** JBD — 2 x 4 x 20-3/8" (5,1 x 10,2 x 51,8 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** RR — 2 x 4 x 28" (5,1 x 10,2 x 71,1 cm)
- ☐ **x2** QT — 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)
- ☐ **x1** SL — 2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
- ☐ **x2** SP — 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ **x2** HVC — 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 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)
- ☐ **x8** YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ **x25** AI — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ **x1** TO — 2 x 4 x 84" (5,1 x 10,2 x 213,4 cm)
- ☐ **x4** TJ — 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 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

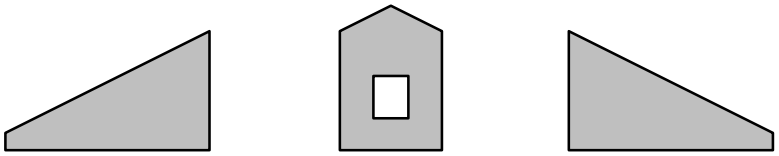
- ☐ **x4** — 3/8 x 1-3/4 x 81-7/8" (1 x 4,4 x 208 cm)
- ☐ **x4** — 3/8 x 1-3/4 x 82-1/2" (1 x 4,4 x 209,6 cm)
- ☐ **x4** — 3/8 x 7-7/8 x 73-5/16" (1 x 20 x 186,2 cm)
- ☐ **x2** — 3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm)
- ☐ **x2** — 3/8 x 4-3/4 x 75-7/8" (1 x 12,1 x 192,7 cm)
- ☐ **x4** — 3/8 x 5-7/8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

WINDOW & DOOR TRIM

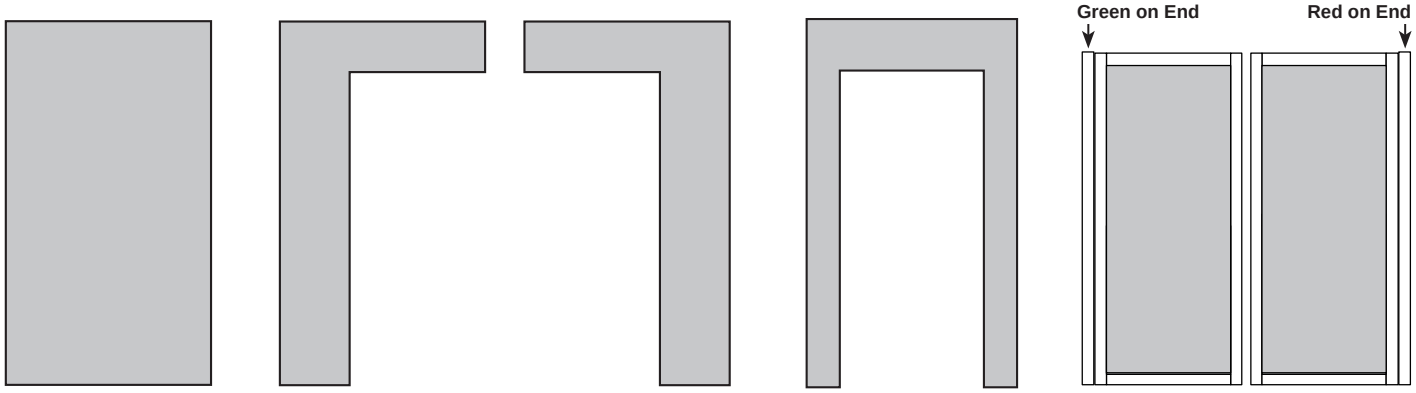
☐	x3	AH	19/32 x 2-1/2 x 26-5/8" (1,5 x 6,3 x 67,6 cm)
☐	x4	ROR	19/32 x 2-1/2 x 28-1/2" (1,5 x 6,3 x 72,4 cm)
☐	x4	AZ	19/32 x 2-1/2 x 30-1/8" (1,5 x 6,3 x 76,5 cm)
☐	x1	GEA	19/32 x 2-1/2 x 39-3/8" (1,5 x 6,3 x 100 cm)
☐	x2	AHR	19/32 x 2-1/2 x 62" (1,5 x 6,3 x 157,5 cm)
☐	x1	AHL	19/32 x 2-1/2 x 62" (1,5 x 6,3 x 157,5 cm)
☐	x3	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)
☐	x2	ZJ	19/32 x 3 x 72" (3,2 x 7,6 x 182,9 cm)

WALL PANELS & DOORS

NOTE: Panel parts are not stamped.



☐ x2 ☐ x2 ☐ x2

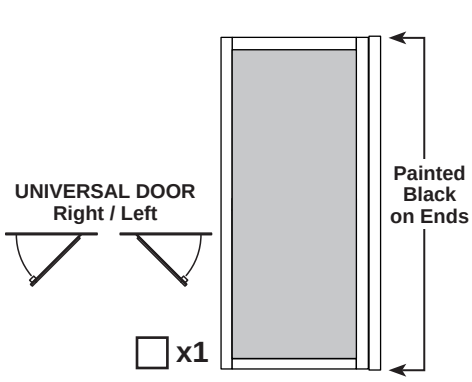


☐ x5
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)

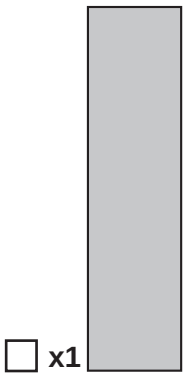
☐ x1 ☐ x1 ☐ x1

☐ x1
LEFT DOOR

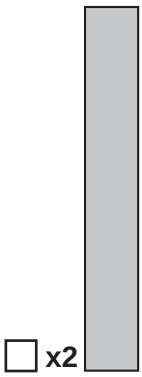
☐ x1
RIGHT DOOR



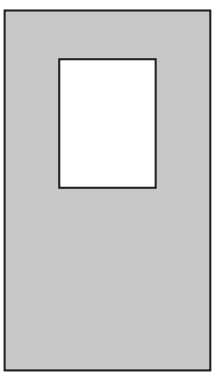
☐ x1



☐ x1
3/8 x 23-7/8 x 84"
(1 x 60,6 x 213,4 cm)



☐ x2
3/8 x 11-7/8 x 84"
(1 x 30,2 x 213,4 cm)



☐ x2

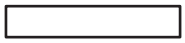
ROOF PANELS

Roof panels are 7/16" (1,1 cm) thick. **NOTE: Panel parts are not stamped.**

☐ **x6**

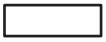
7/16 x 27-1/4 x 48"
(1,1 x 69,2 x 121,9 cm)

☐ **x4**



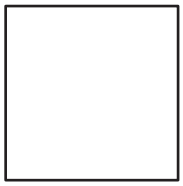
7/16 x 48 x 8-1/2"
(1,1 x 121,9 x 21,6 cm)

☐ **x4**



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

☐ **x2**



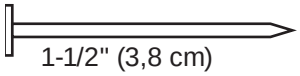
7/16 x 48 x 47-7/8"
(1,1 x 121,9 x 121,6 cm)

☐ **x2**

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

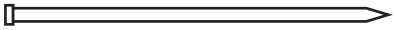
FASTENERS & HARDWARE

☐ **x92**



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

☐ **x335**



2" (5,1 cm)

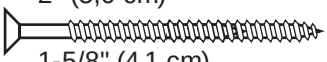
☐ **x150**

3" (7,6 cm)

☐ **x28**

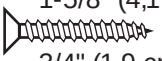
2" (5,0 cm)

☐ **x58**



1-5/8" (4,1 cm)

☐ **x128**

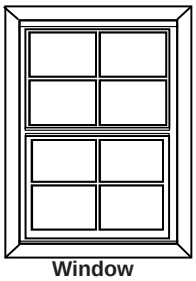


3/4" (1,9 cm)

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.

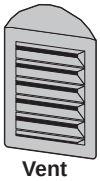
VENT/ DOOR HARDWARE/ WINDOWS

☐ **x2**



Window

☐ **x2**



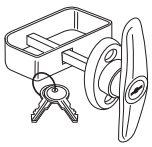
Vent

☐ **x8**

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

T-Handle

☐ **x2**



☐ **x2**

5-1/2" Shaft

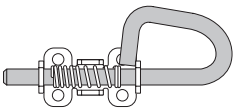
☐ **x4**

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

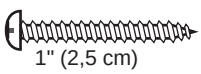
(2 screws in each package)

Spring Bolt

☐ **x2**



☐ **x8**



1" (2,5 cm)

(4 screws in each package)

☐ **x1**

64" Metal Threshold

☐ **x1**

32" Metal Threshold

3/4" (1,9 cm) x17
Bagged separately / special coating

ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

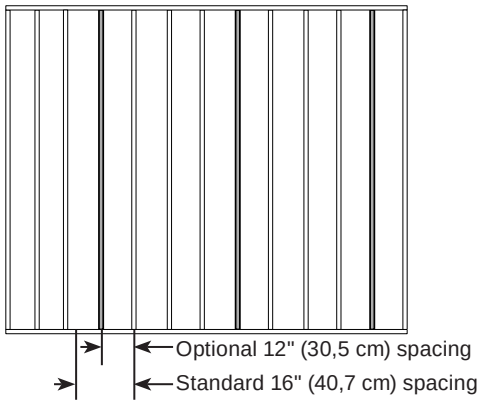
- This shed does not include any floor or leveling materials. Use our optional floor kit with building instructions and nails included.
- See the FLOOR LEVELING section on page 9 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.
- If you choose to install your kit on a concrete slab refer to page 7.
- If you choose to build your own wood floor foundation refer to page 8.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

☐ **x3** 2 x 4 x 10' (5 x 10 x 304,8 cm) Treated Lumber
Cut to (3) 2 x 4 x 117" (5 x 10 x 297,2 cm)

☐ **x12** ea. 3" (7,6 cm) Hot Dipped Galvanized Nails



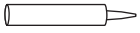
COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES ..... 7 Bundles**

☐ **PAINT FOR SIDING ..... 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**

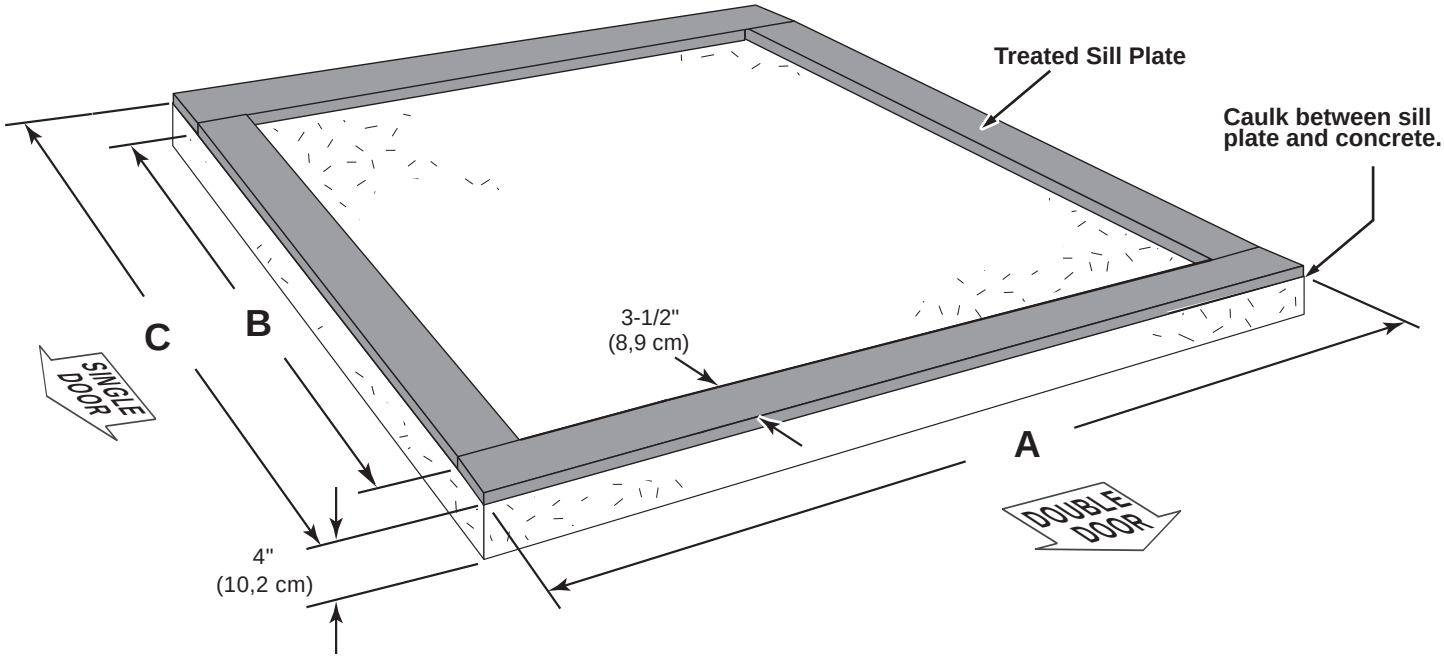
☐ **#15 ROOFING FELT**
To cover 197 sq. ft. of roof area.

☐ **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.

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

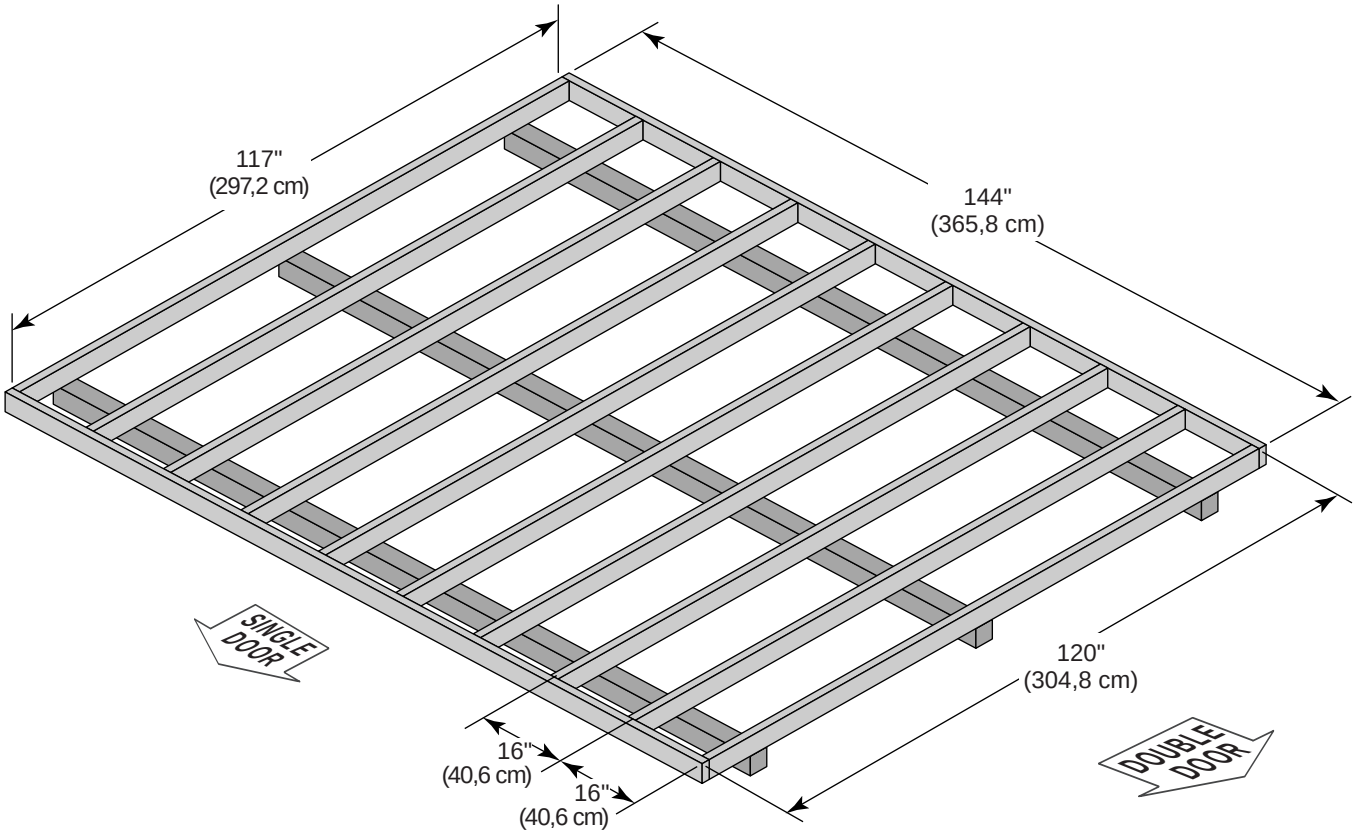
⚠ Allow new concrete slabs to cure for at least seven (7) days.

- 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

BUILD YOUR OWN WOOD FLOOR OPTION

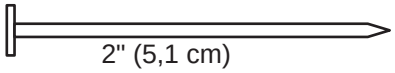
(Materials not included.)



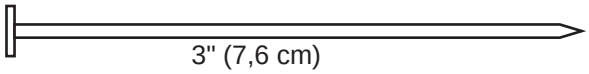
MATERIAL REQUIRED

- ☐ **x2** 2 x 4 x 12' (5,1 x 10,2 x 365,8 cm) ⚠ **MUST be treated lumber**
- ☐ **x10** 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm) ⚠ **MUST be treated lumber**
- ☐ **x3** 4 x 4 x 12' (10,2 x 10,2 x 365,8 cm) ⚠ **MUST be treated lumber**

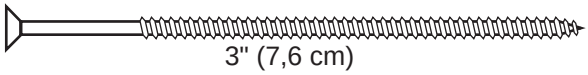
☐ **x4**  5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ **x1** 

1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails

☐ **x40** 

40 Nails - 3" (7,6 cm) Hot Dipped Galvanized Box-Type Nails

☐ **x60** 

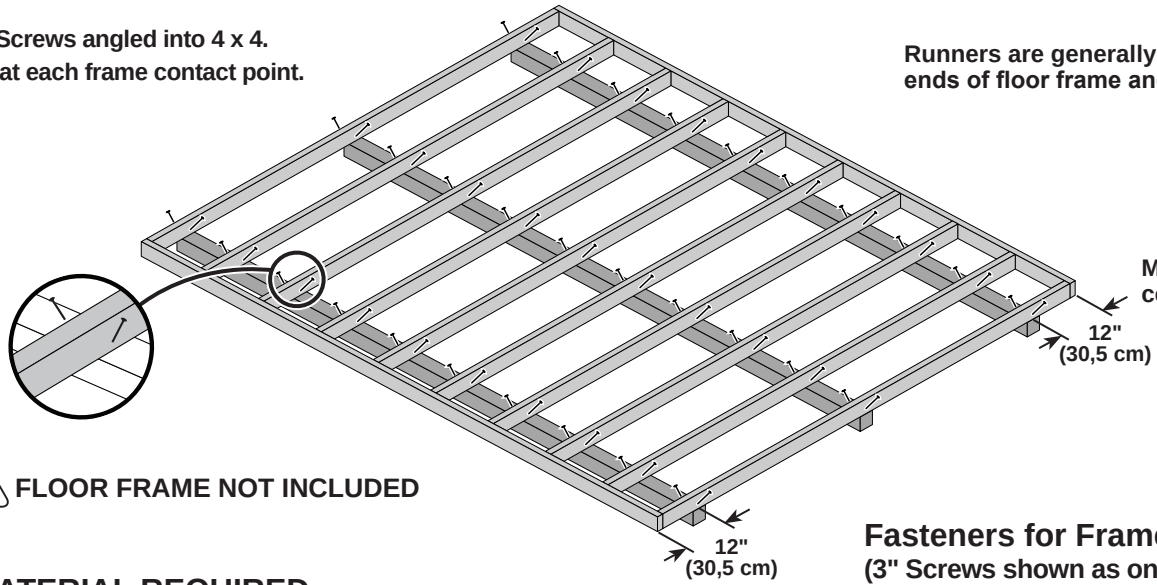
Screws for Frame to 4 x 4
Minimum 3" screws / exterior grade.

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)

• 3" Screws angled into 4 x 4.
• (2) at each frame contact point.



⚠ **FLOOR FRAME NOT INCLUDED**

MATERIAL REQUIRED

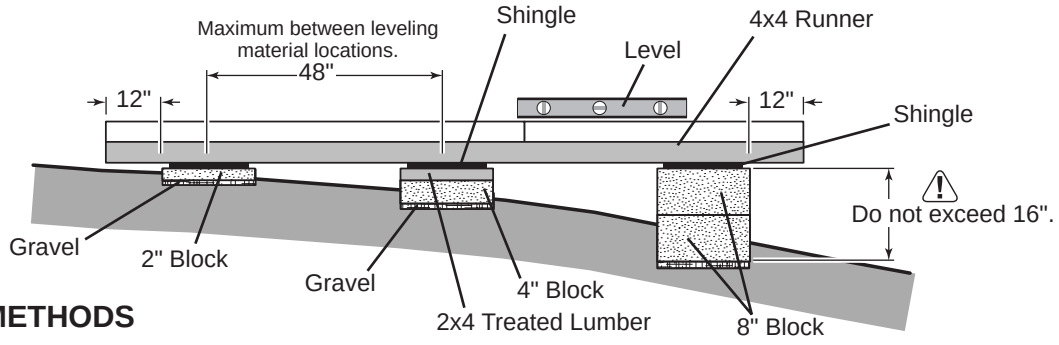
8' x 12' **x3** 4 x 4 x 12' (10,2 x 10,2 x 365,8 cm) Treated Lumber

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

☐ **x60** 3" (7,6 cm)

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

⚠ **Always support frame seams.**



LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" 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* ⚠

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

STOP!

BEGIN

1. ⚠ See page 9 for the preferred floor leveling method.

2. Use level and check the frame is level before applying floor panels.

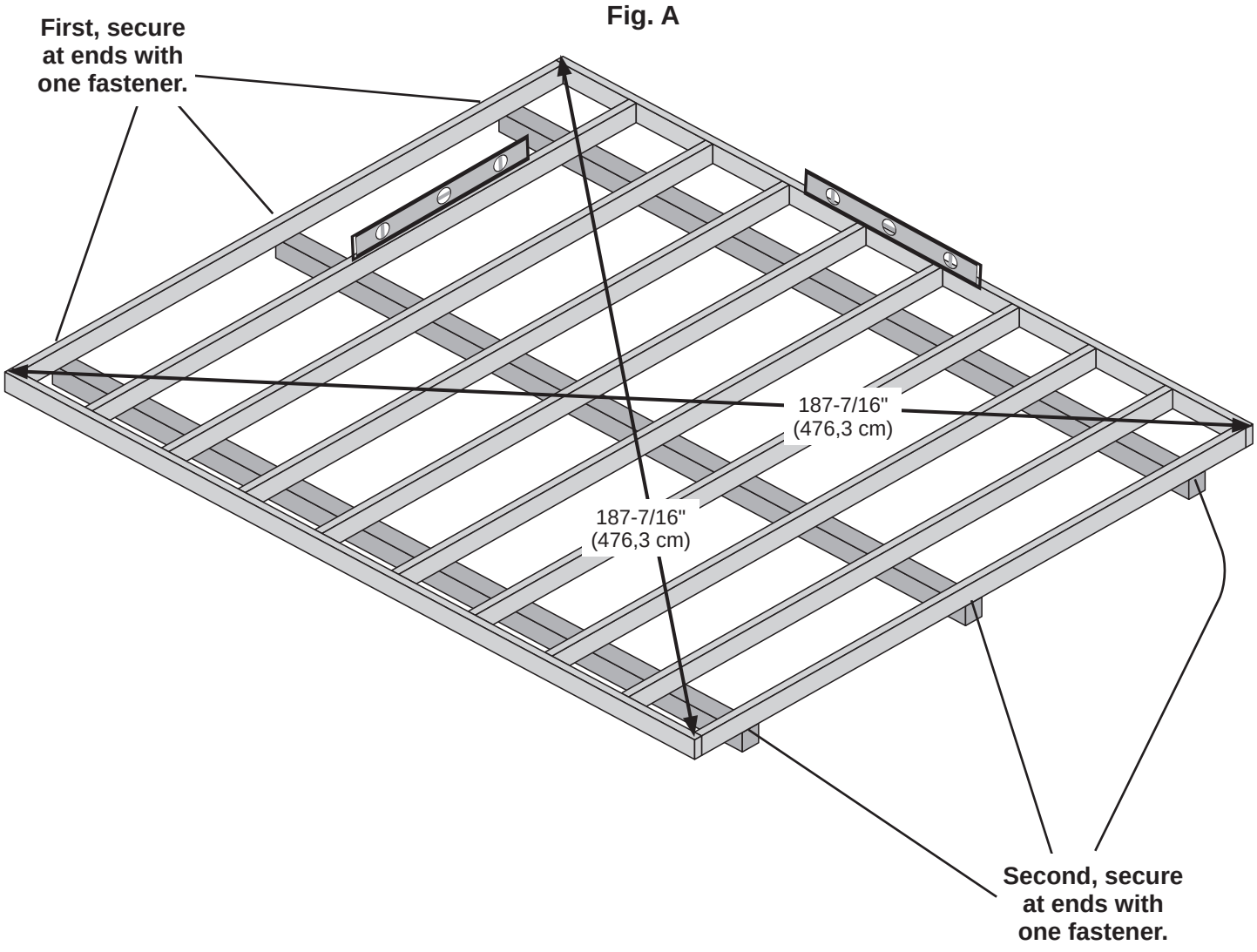
3. Check for frame squareness by measuring diagonally across corners. If the measurements are the same, the frame is square. The diagonal measurement will be approximately 187-7/16" (496,3 cm).

4. When the frame is level and square secure one side of frame to the 4x4 runners using one fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square **(Fig. A)**.

FINISH

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.

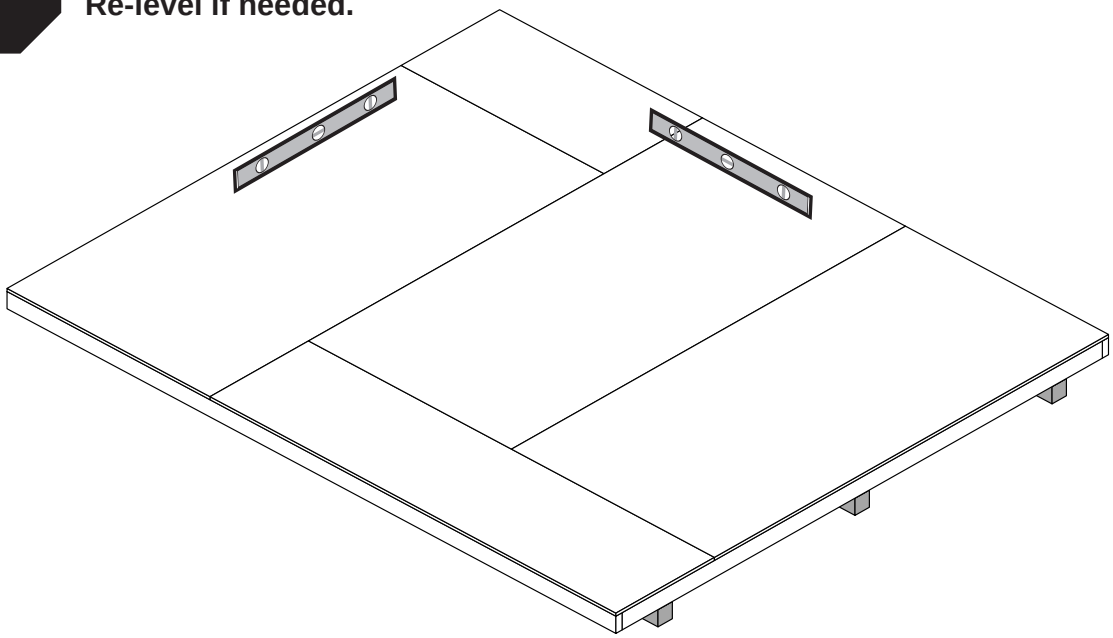
Fig. A



IMPORTANT!

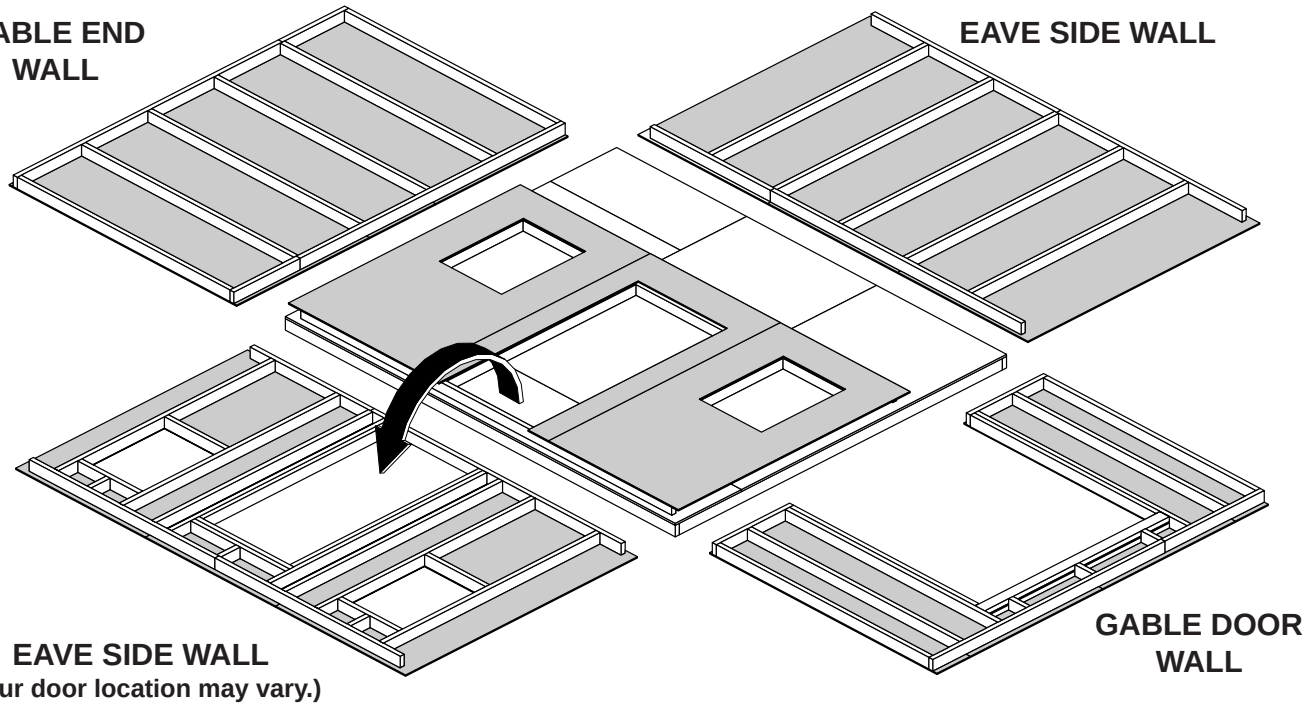
STOP!

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



HINT:

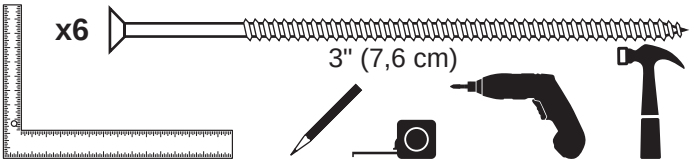
- **The floor should be used as a stable work surface for wall construction.**
- **Organize your assembly procedure during the build process to avoid over-handling of the walls.**



RAFTER ASSEMBLY

PARTS REQUIRED:

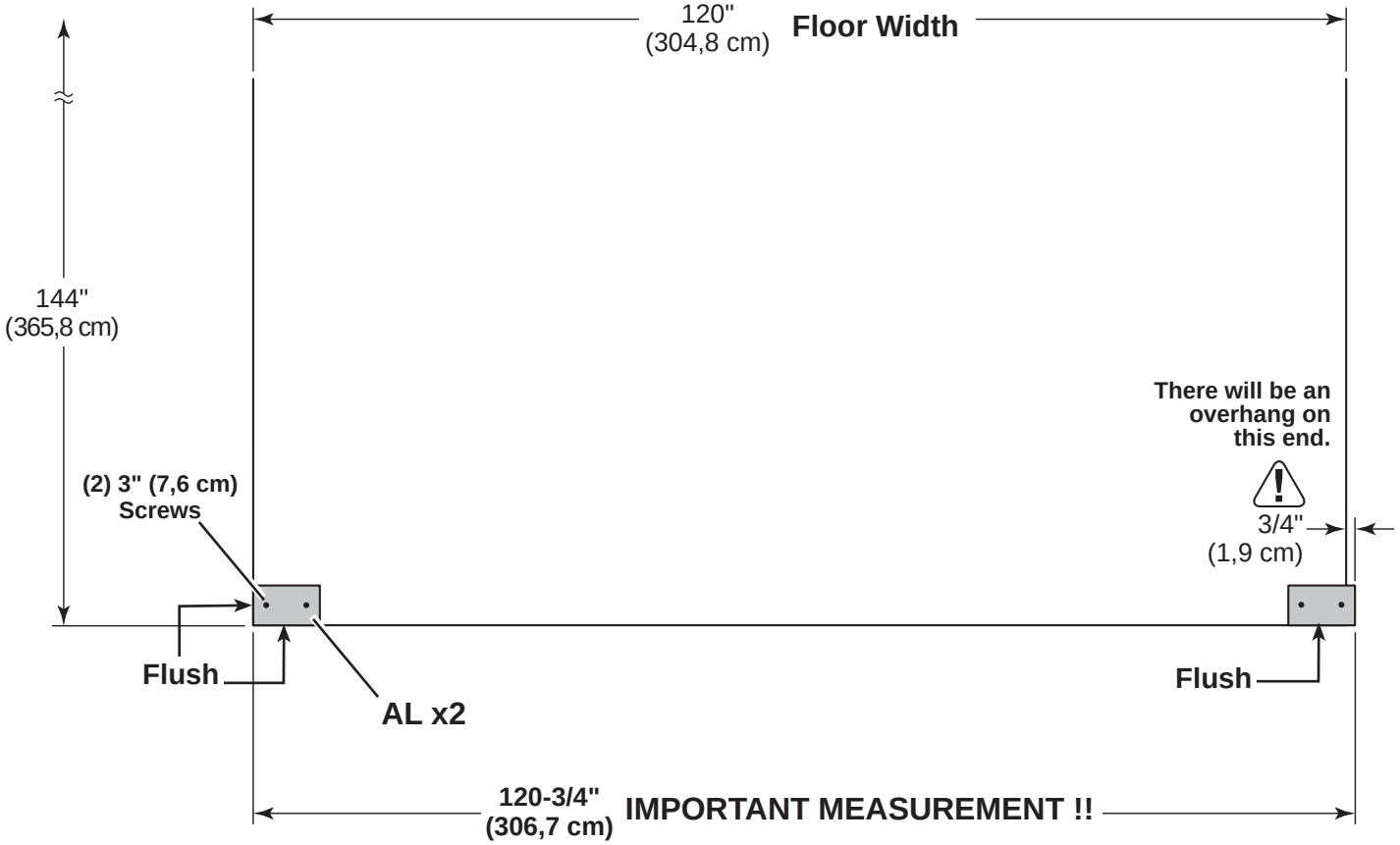
x2 **AL** 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

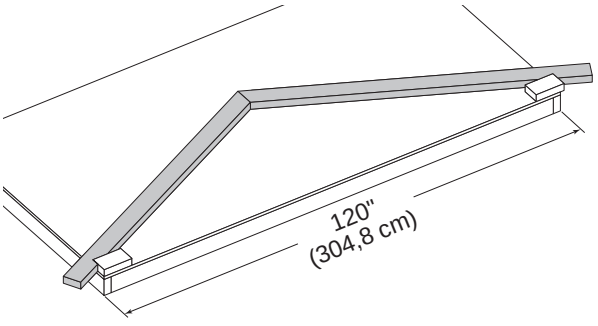


It is very important to assemble your rafters using the following method for an even and flat roof.

BEGIN

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





FINISH

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

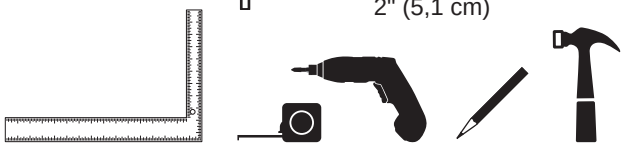
RAFTER ASSEMBLY

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)

x 144
2" (5,1 cm)



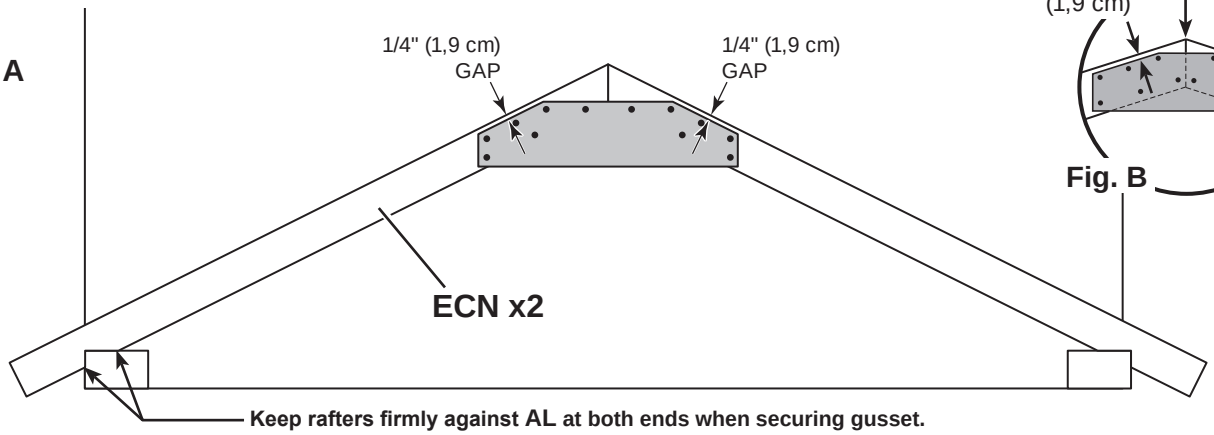
Build (2) rafter assemblies with (1) gusset (Fig. C).

BEGIN

1 Place (2) rafters **ECN** in the jig, as shown. Hold **ECN** firm against outside **AL**'s as shown **(Fig.A)** and push rafters tight to the middle **AL**. 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)**.

Fig. A



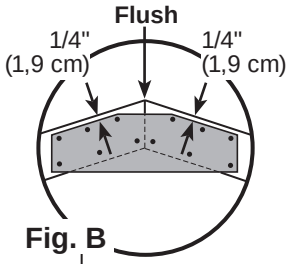


Fig. B

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***

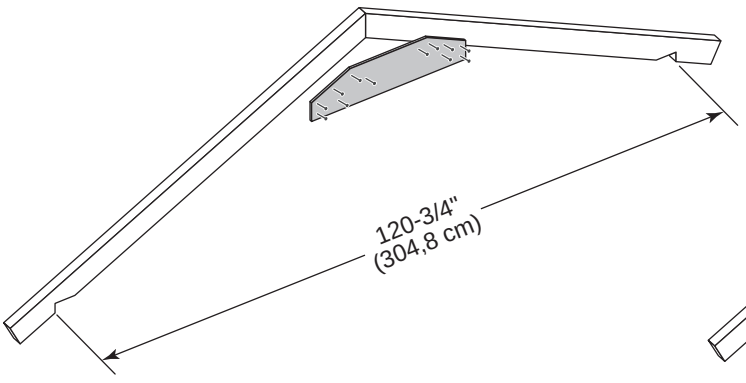
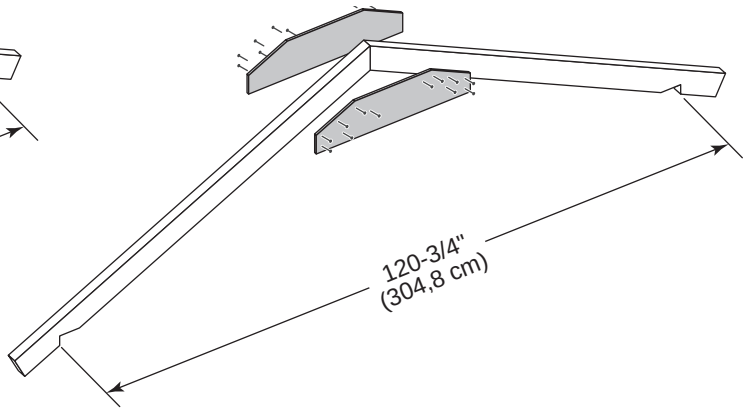


Fig. D - ***Build 5***



FINISH

You have finished assembling your rafters.

Remove jig parts **AL** from floor.

DOOR HEADER

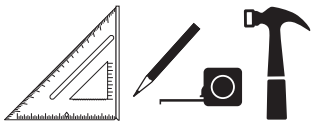
STOP! ***Assemble this door header before building any walls!*** STOP!

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)

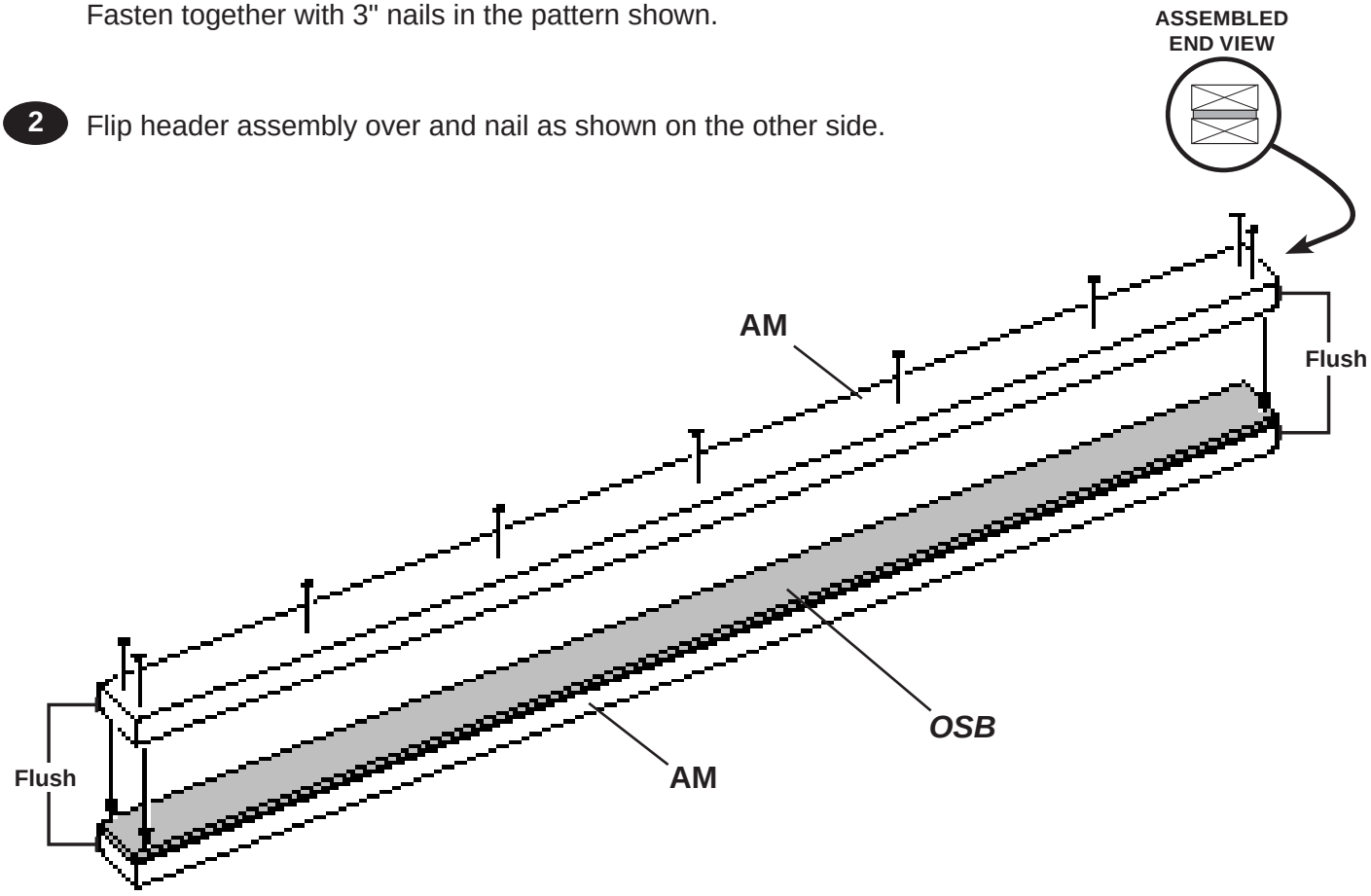


BEGIN

1 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.

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



FINISH

Your door header is now assembled.

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

x40 — 2" (5,1 cm)

x1 — 3/8 x 48 x 84" (1 x 121,9 x 213,4 cm)

GAA 3/4" GAUGE BLOCK

2x3" TEMP. SPACER

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).**

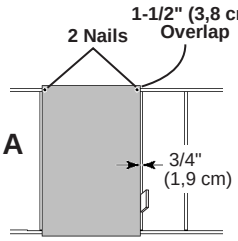


Fig. A

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.

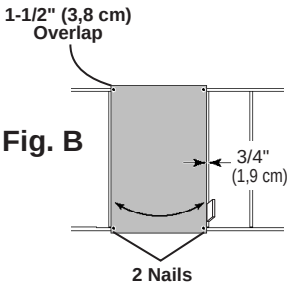
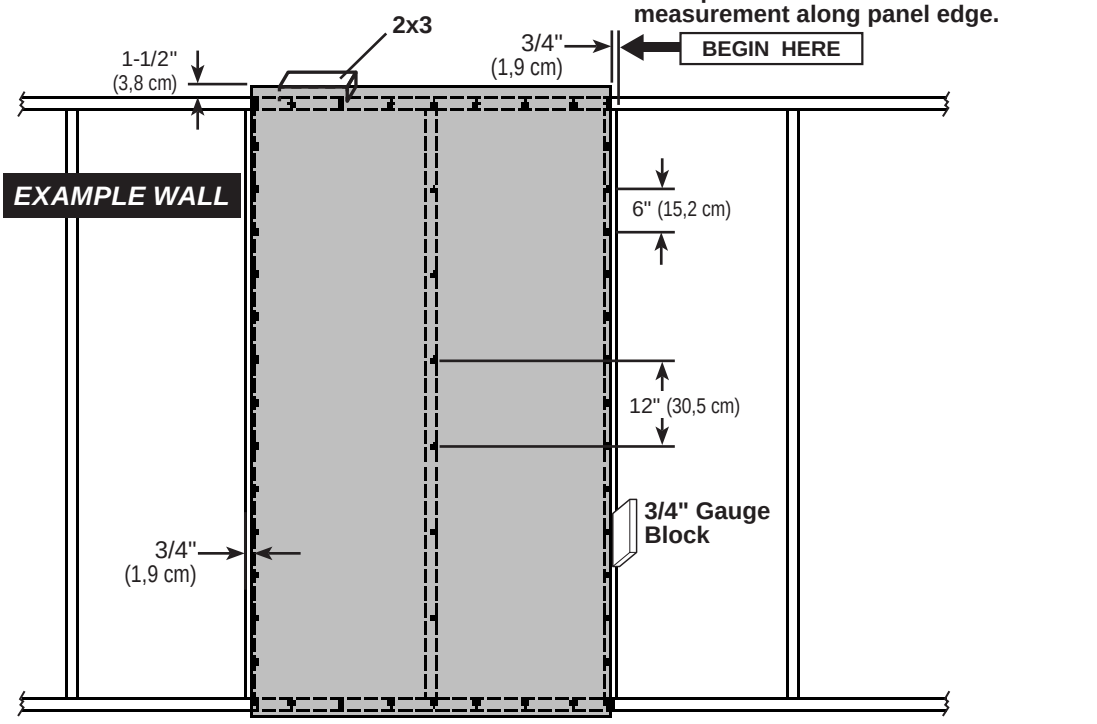


Fig. B

For squareness maintain 3/4" and 1-1/2" measurement along panel edge.



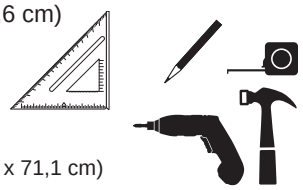
GABLE WALL WITH DOOR

PARTS REQUIRED:

x3	UY	2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm)
x1	SL	2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
x2	YFA	2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
x6	AI	2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
x1	TO	2 x 4 x 84" (5,1 x 10,2 x 213,4 cm)
x1	Pre Assembled Header	
x2	RR	2 x 4 x 28" (5,1 x 10,2 x 71,1 cm)

x64 3" (7,6 cm)

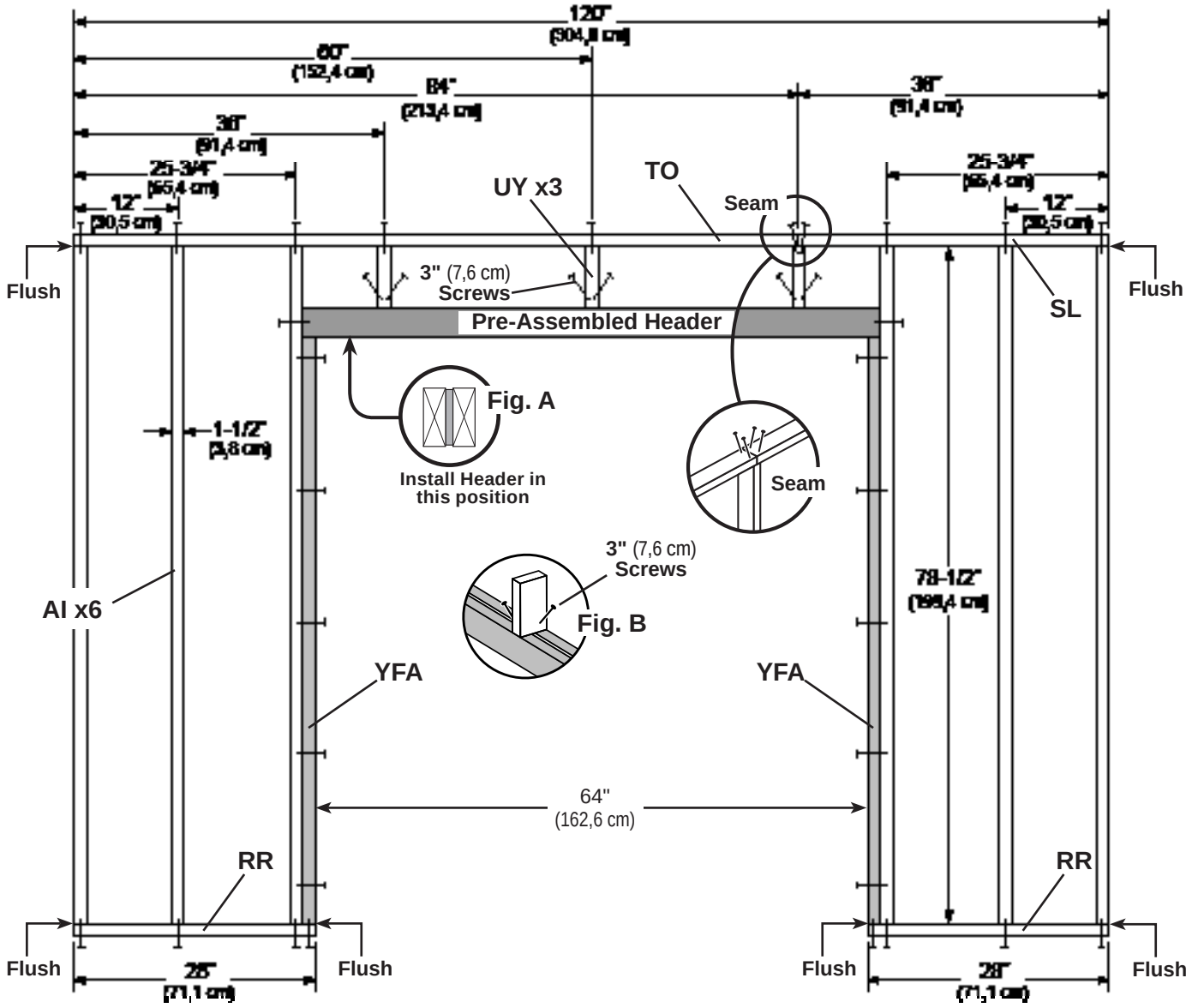
x6 3" (7,6 cm)



BEGIN

1 Orient 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 and (4) 3" nails at seams.

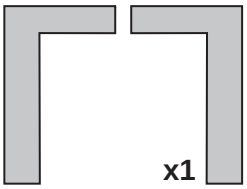
2 Fasten (3) middle parts **UY** to **Pre Assembled Header** with (2) 3" screws **(Fig. B)**.
Secure parts **UY** to top plates with (2) 3" nails at each connection and (4) 3" nails at seam.



GABLE WALL WITH DOOR

PARTS REQUIRED:

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

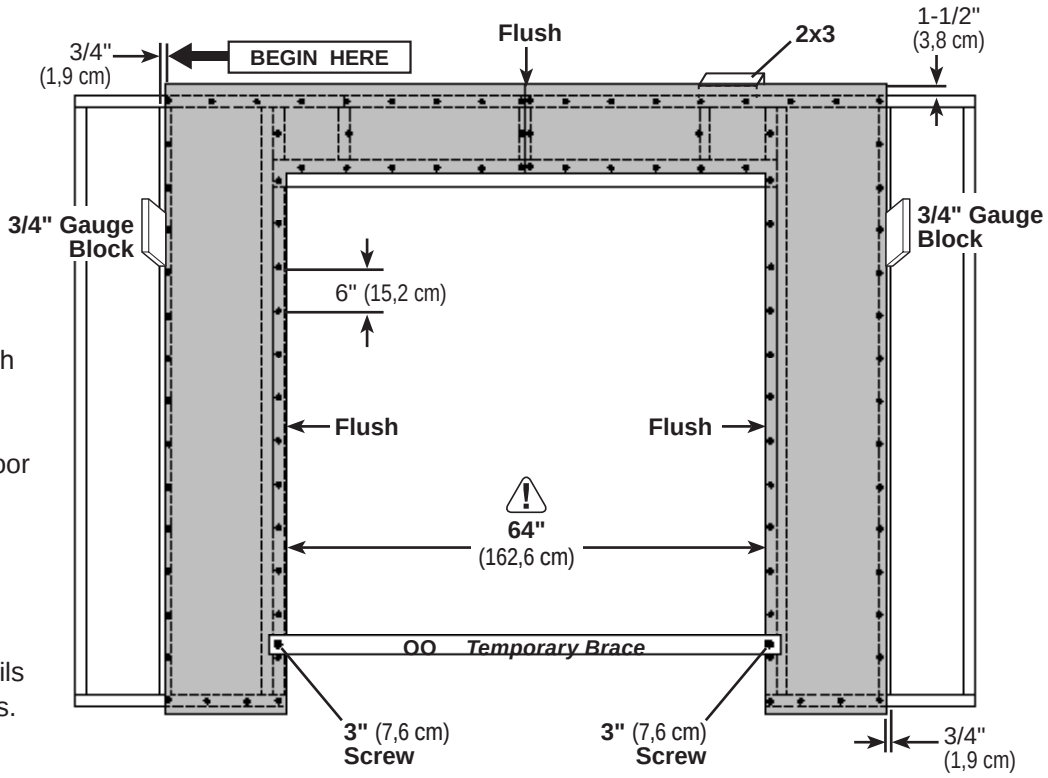


x2 3" (7,6 cm)

x150 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 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

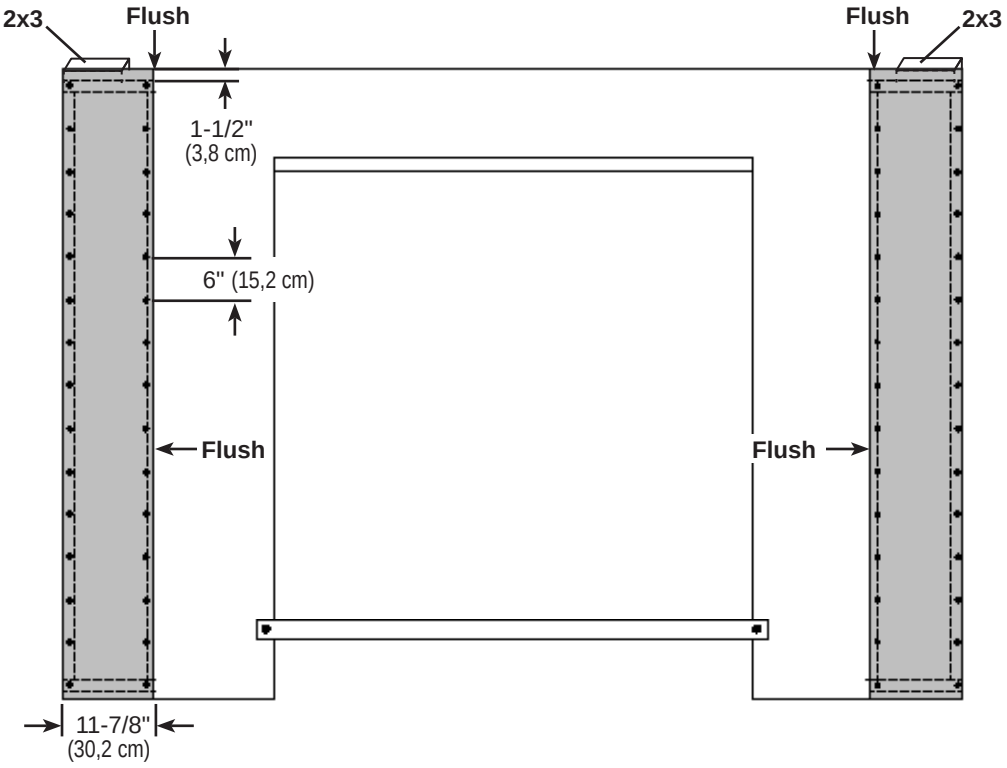


4 Install the right panel flush to installed panel, as shown.
Ensure 64" (162,8 cm) door measurement.
Use part **OO** as a temporary brace. Secure with with (2) 3" screws.

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.

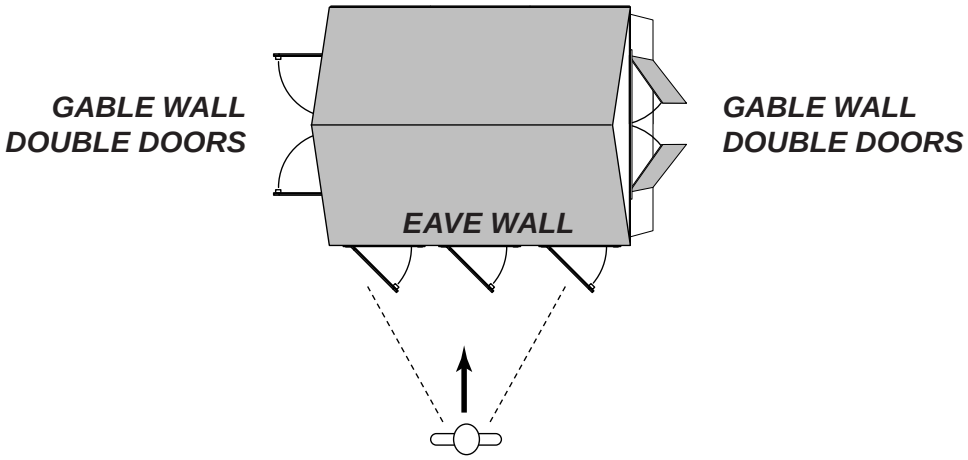


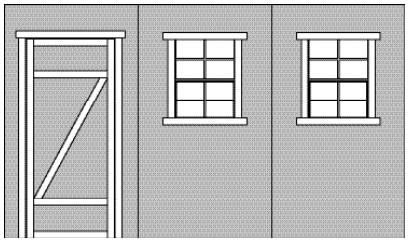
FINISH

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

⚠ STOP ⚠

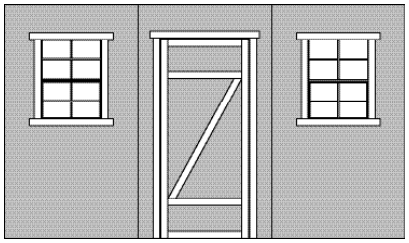
AS YOU FACE YOUR BUILDING, CHOOSE YOUR SINGLE DOOR (EAVE) LOCATION - LEFT, CENTER OR RIGHT





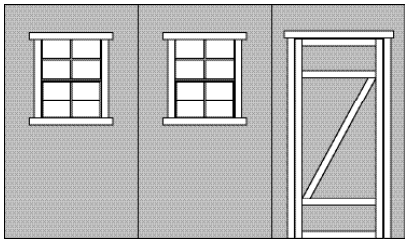
OPTION 1:
DOOR LOCATION
LEFT SIDE OF EAVE WALL

⚠ **IF YOU CHOOSE TO LOCATE THE *DOOR TOWARD THE LEFT***
GO TO Page 19 TO BEGIN BUILDING YOUR WALL.



OPTION 2:
DOOR LOCATION
CENTERED ON EAVE WALL

⚠ **IF YOU CHOOSE TO LOCATE THE *DOOR CENTERED***
GO TO Page 25 TO BEGIN BUILDING YOUR WALL.



OPTION 3:
DOOR LOCATION
RIGHT SIDE OF EAVE WALL

⚠ **IF YOU CHOOSE TO LOCATE THE *DOOR TOWARD THE RIGHT***
GO TO Page 22 TO BEGIN BUILDING YOUR WALL.

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)

x1 QT 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)

x1 HVC 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

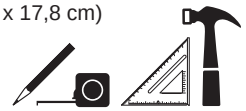
x7 AI 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)

x56 3" (7,6 cm)

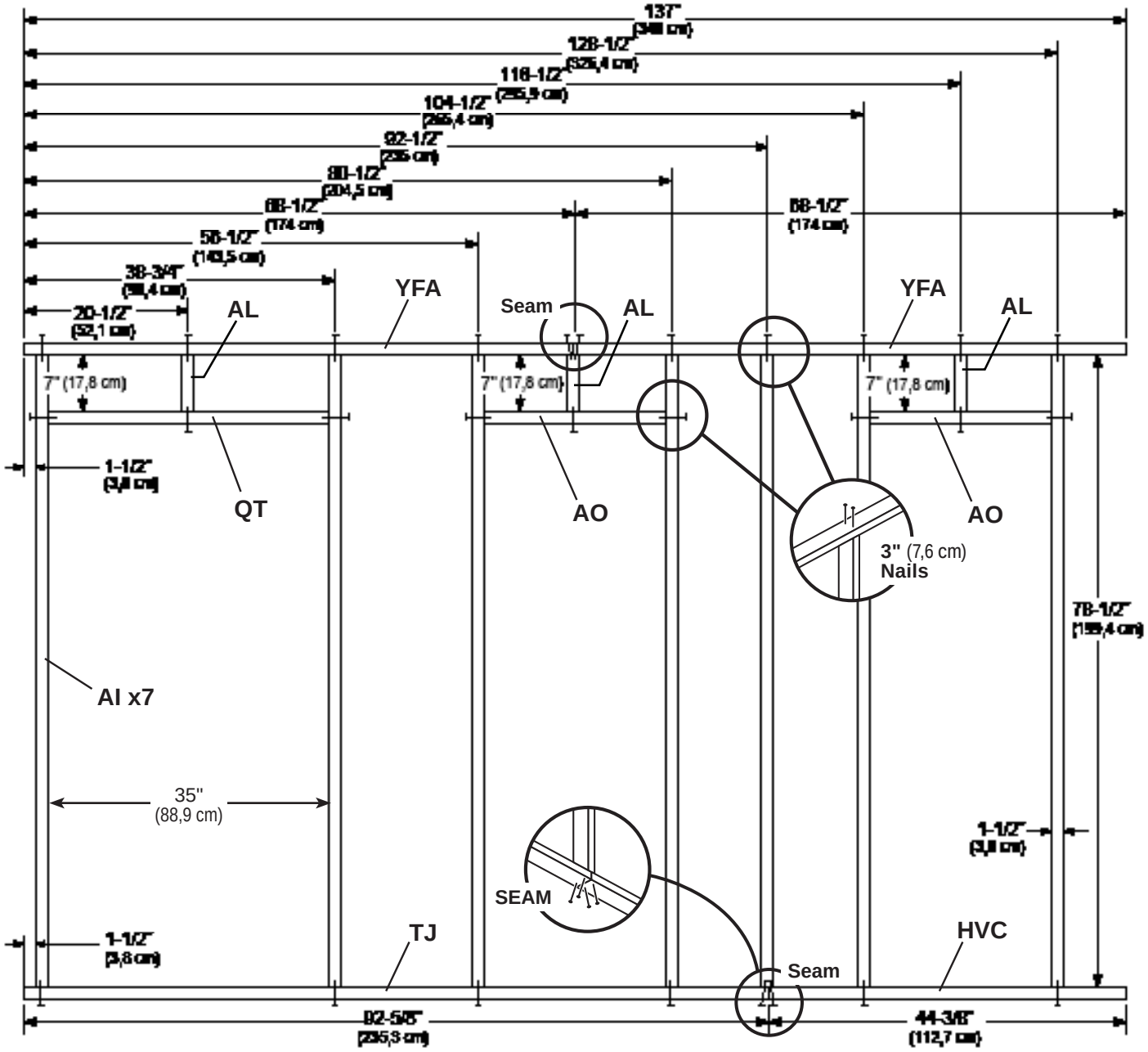
x2 YFA 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x3 AL 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)



✓BEGIN

1 Orient parts on edge on floor as shown. 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 LEFT

PARTS REQUIRED:

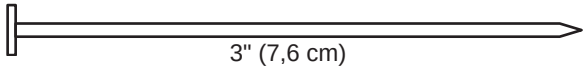
x2 **AO**
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

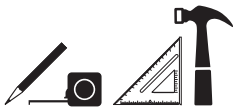
x1 **QT**
2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)

x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

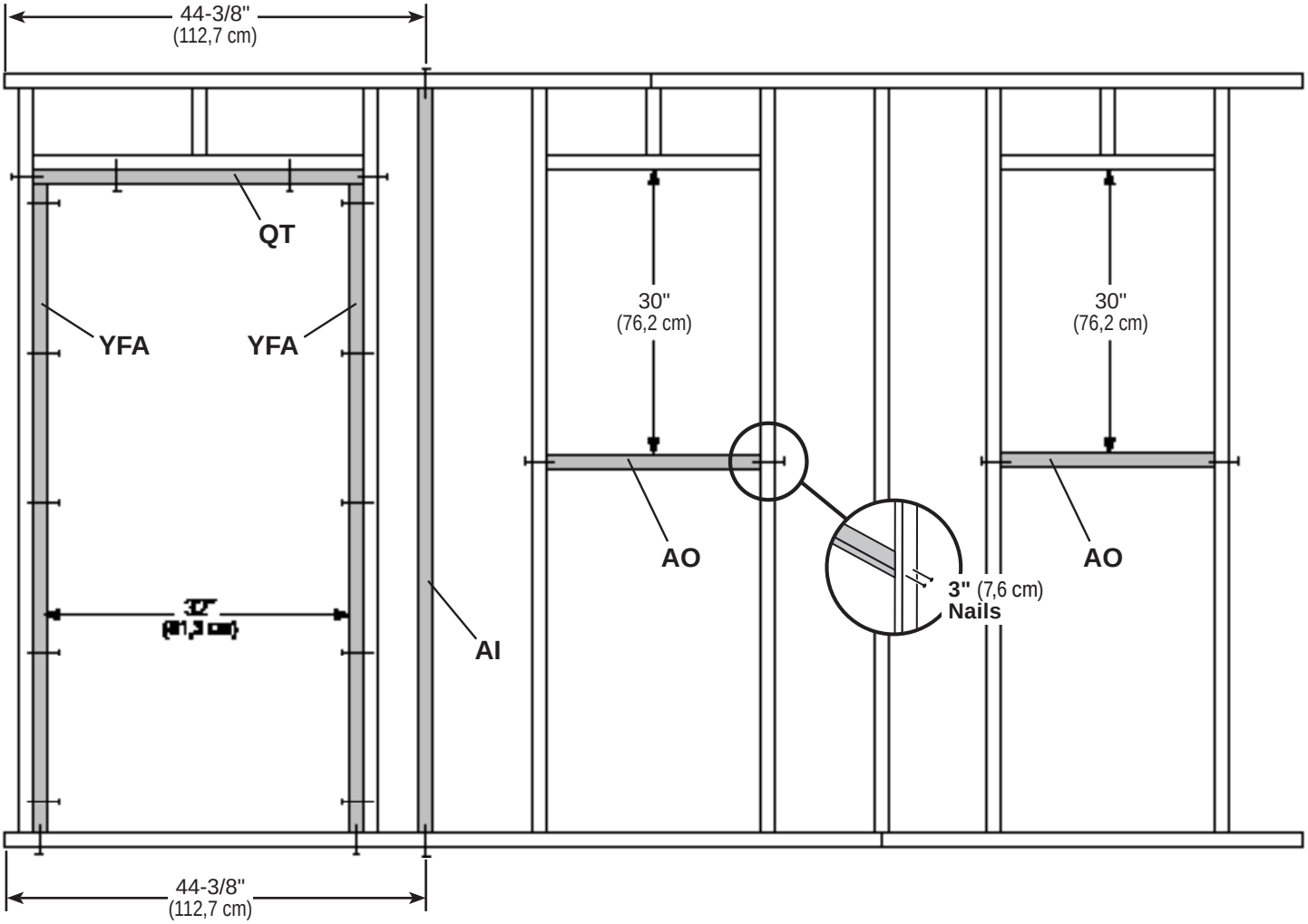
x1 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x44





2 Orient parts on edge on floor as shown. Measure and mark. Secure with (2) 3" nails at each mark.



EAVE SIDE WALL WITH DOOR LEFT

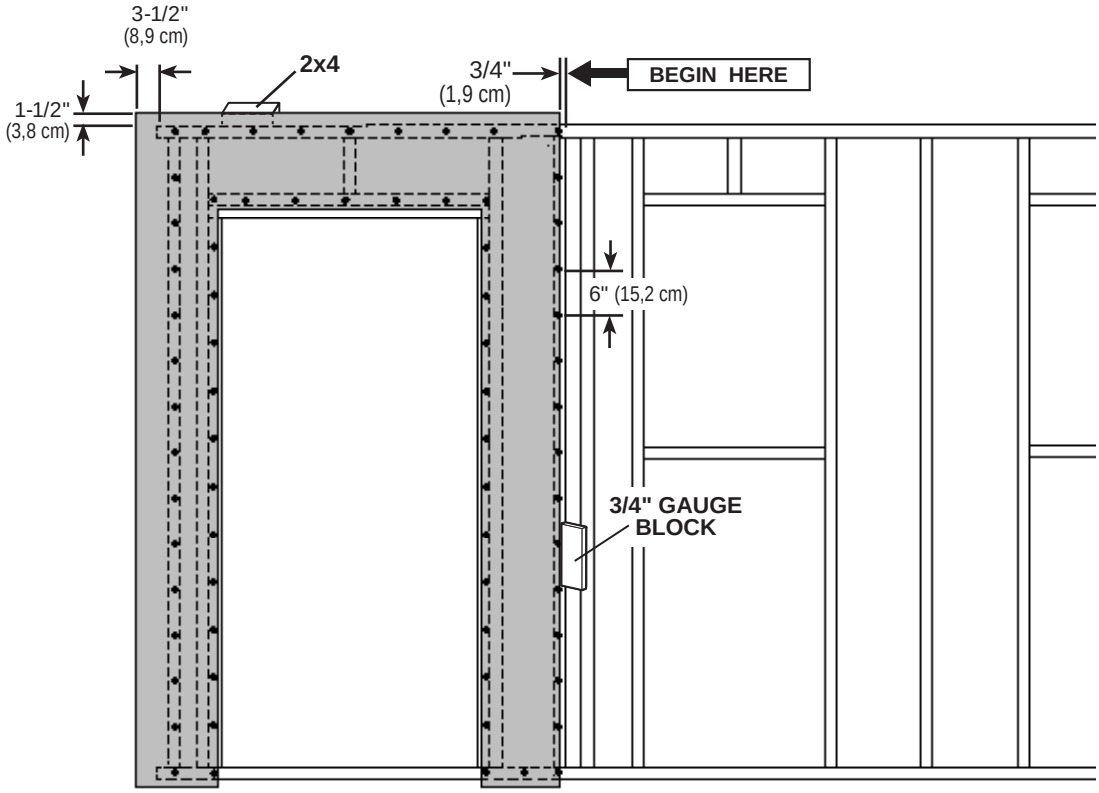
PARTS REQUIRED:

3

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

Use a 2x3 spacer for consistent measurement.

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

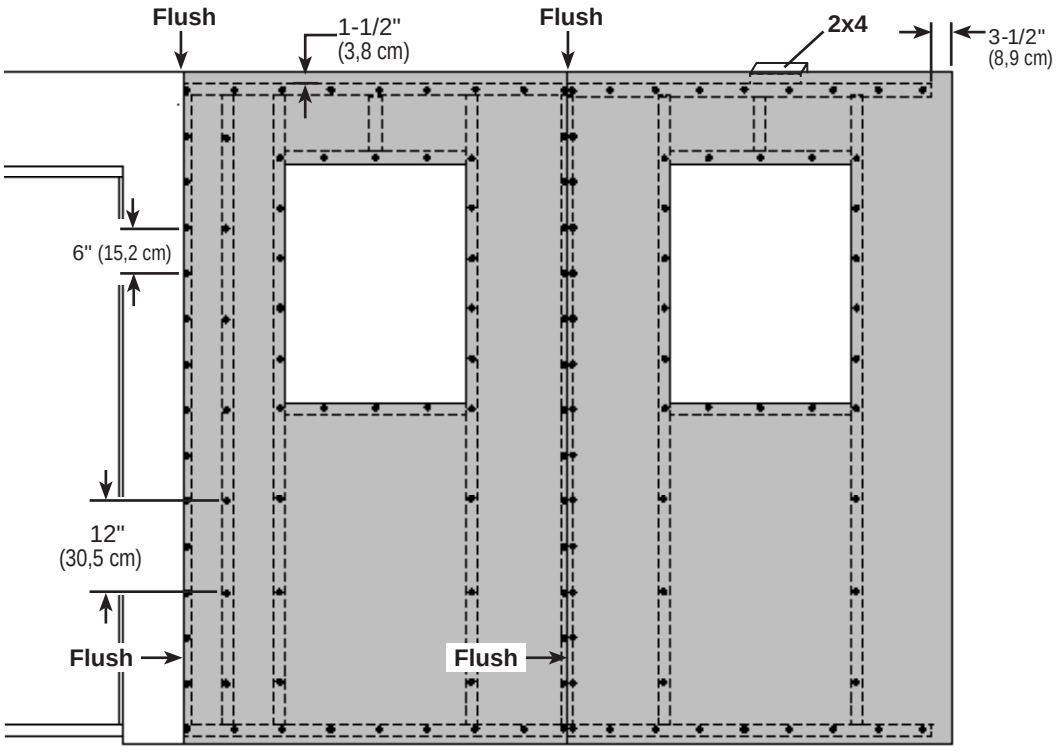


4

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.



FINISH

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

Go to page 28.

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

x1 HVC — 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

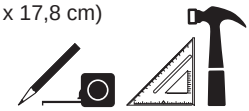
x7 AI — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ — 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)

x56 3" (7,6 cm)

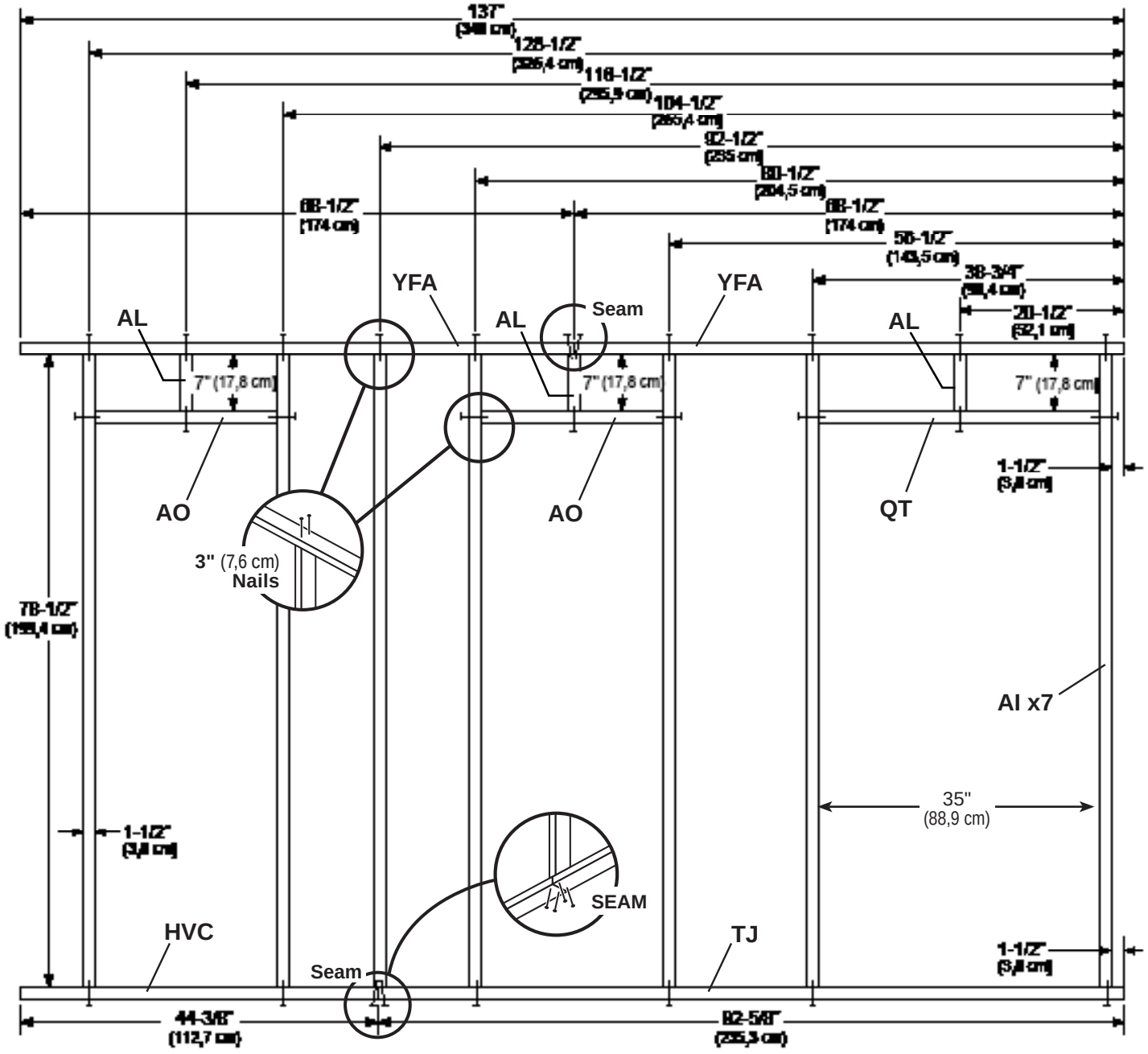
x2 YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x3 AL — 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)



BEGIN

1 Orient parts on edge on floor as shown. 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:

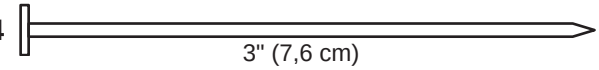
x2 **AO**
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

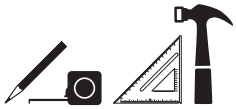
x1 **QT**
2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)

x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

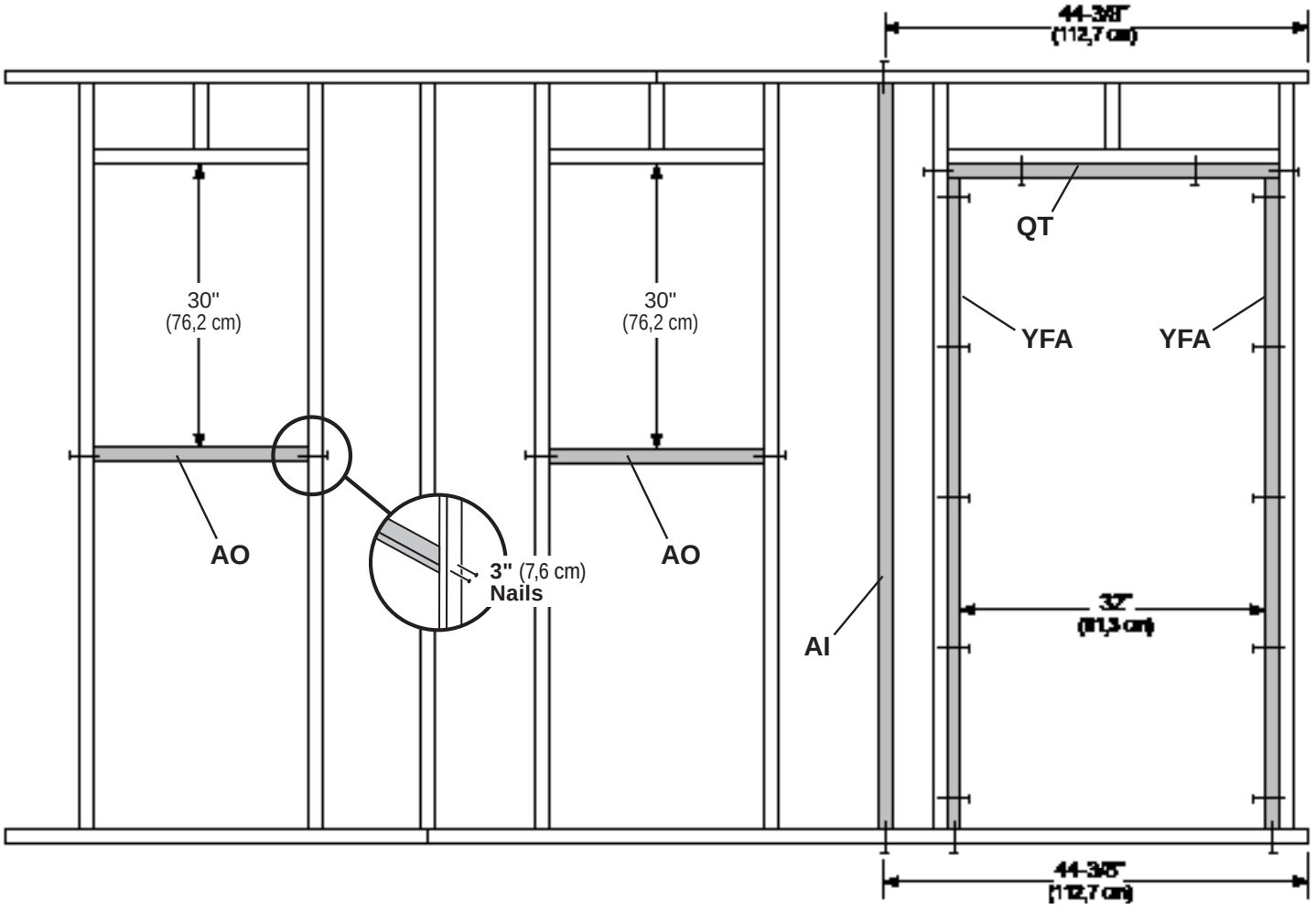
x1 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x44





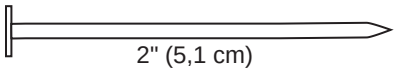
2 Orient parts on edge on floor as shown. Measure and mark. Secure with (2) 3" nails at each mark.



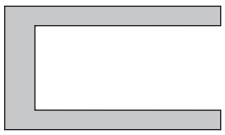
EAVE SIDE WALL WITH DOOR RIGHT

PARTS REQUIRED:

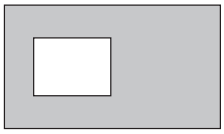
x187

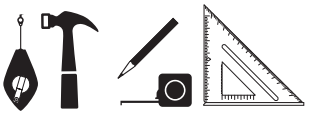


x1



x2



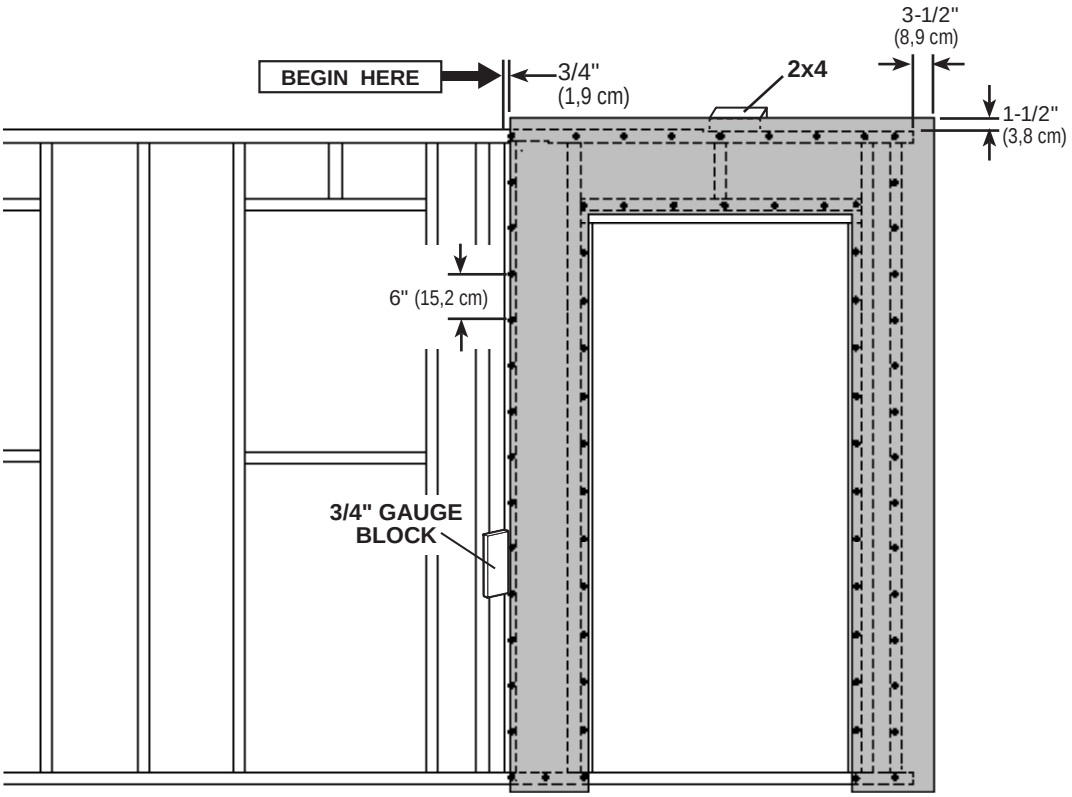


3

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

Use a 2x3 spacer for consistent measurement.

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

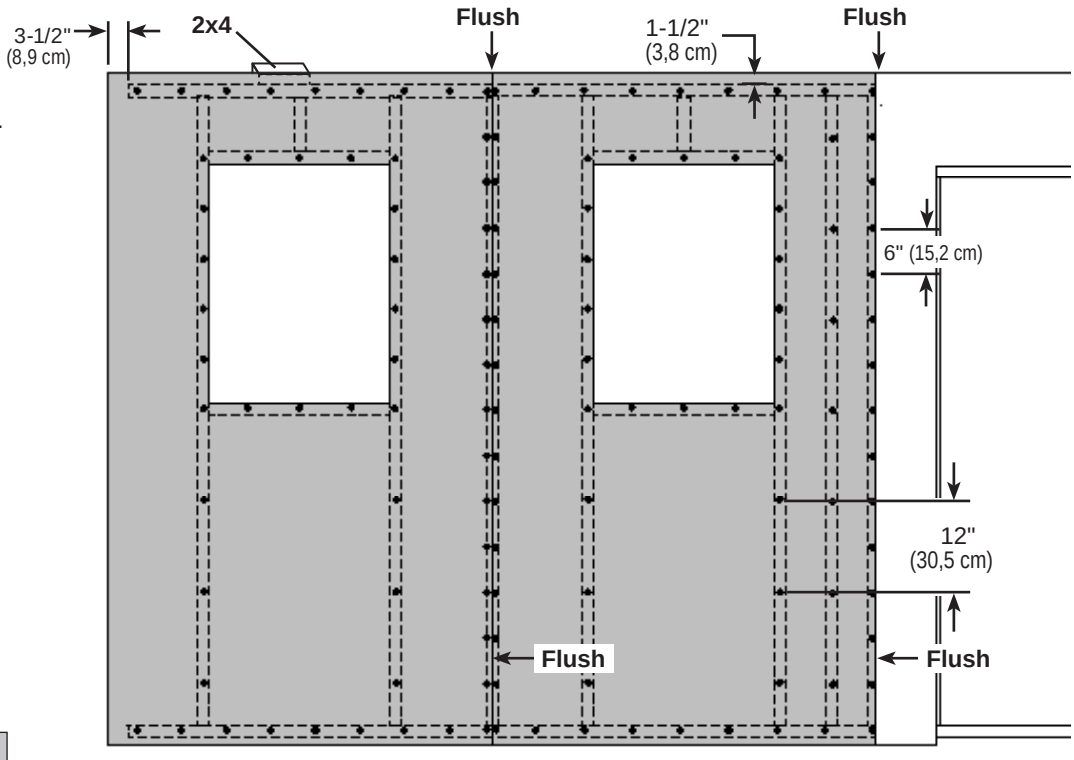


4

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.



FINISH

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

Go to page 28.

EAVE SIDE WALL WITH DOOR CENTERED

PARTS REQUIRED:

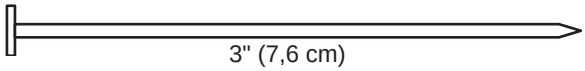
x2 AO — 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

x1 QT — 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)

x2 YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

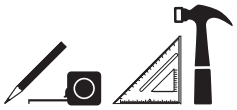
x6 AI — 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x1 TJ — 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)

x50 
3" (7,6 cm)

x1 HVC — 2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)

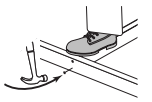
x3 AL — 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

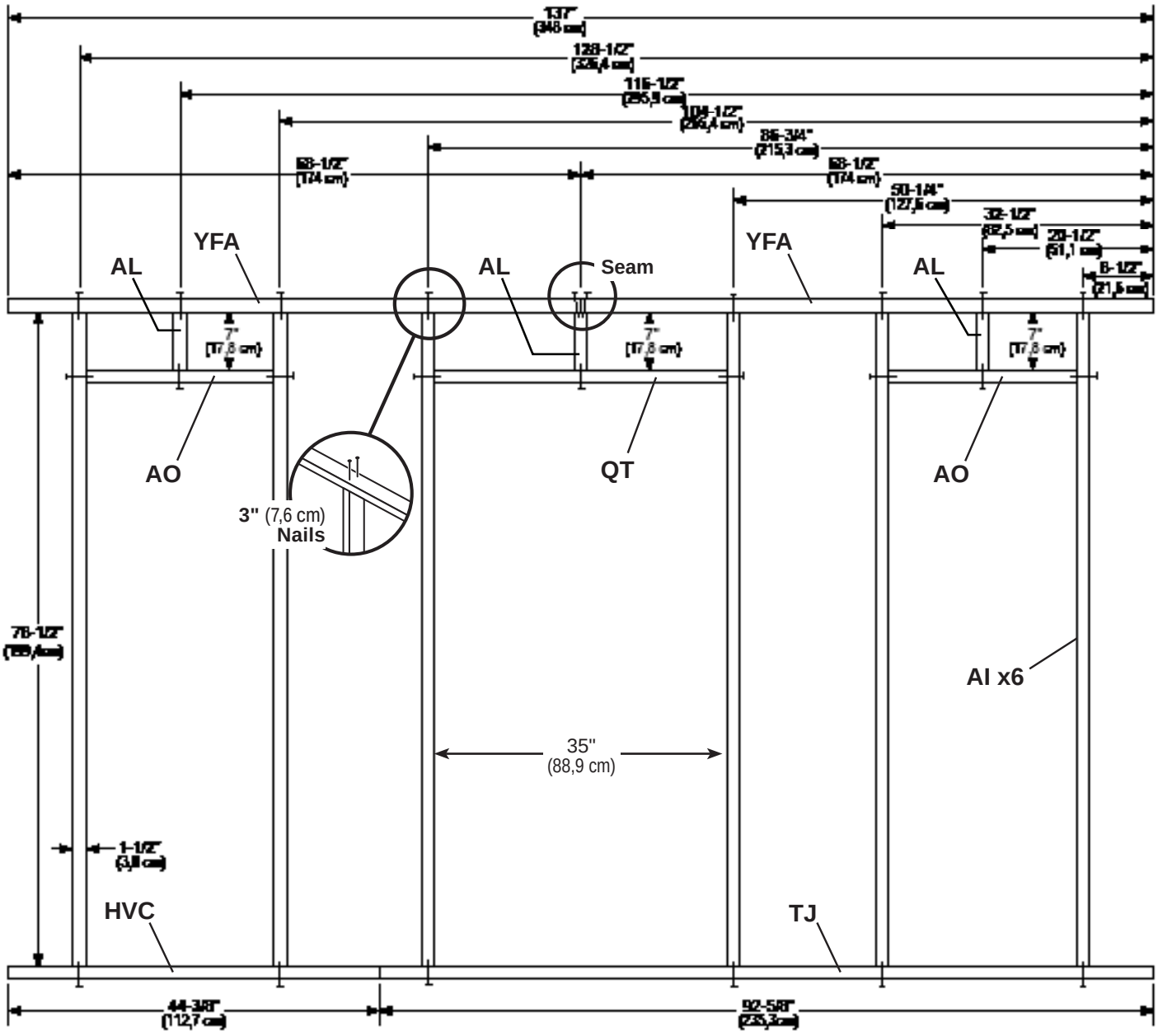


BEGIN

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

HINT:
For easier nailing stand on frame.





EAVE SIDE WALL WITH DOOR CENTERED

PARTS REQUIRED:

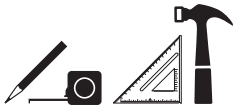
x2 **AO**
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

x1 **QT**
2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)

x2 **YFA**
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

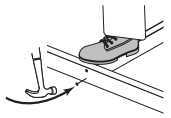
x2 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

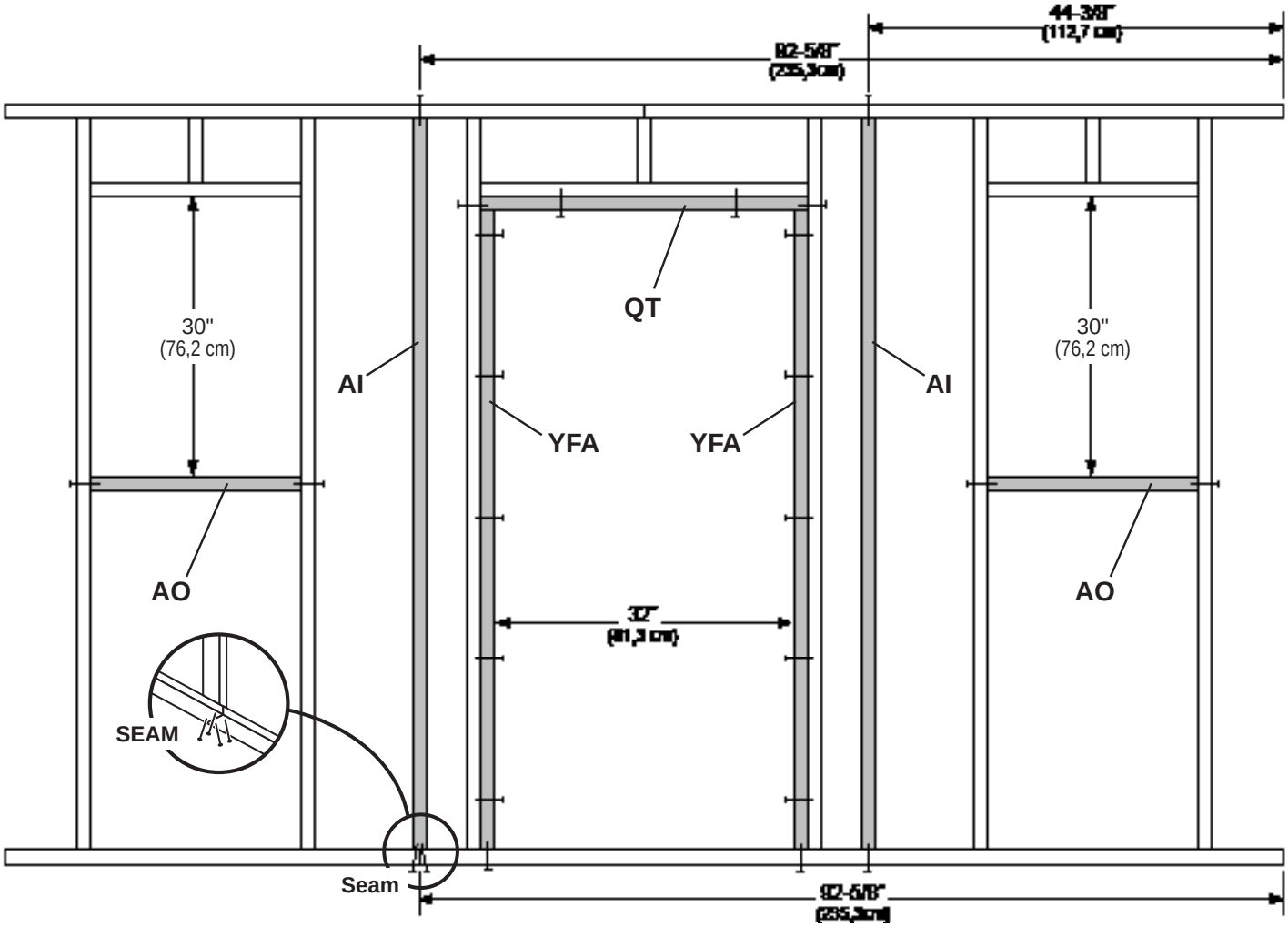
x50
3" (7,6 cm)



2 Orient parts on edge on floor as shown. Measure and mark. Secure with (2) 3" nails at each mark and (4) 3" nails at seam.

HINT:
For easier nailing stand on frame.





EAVE SIDE WALL WITH DOOR CENTERED

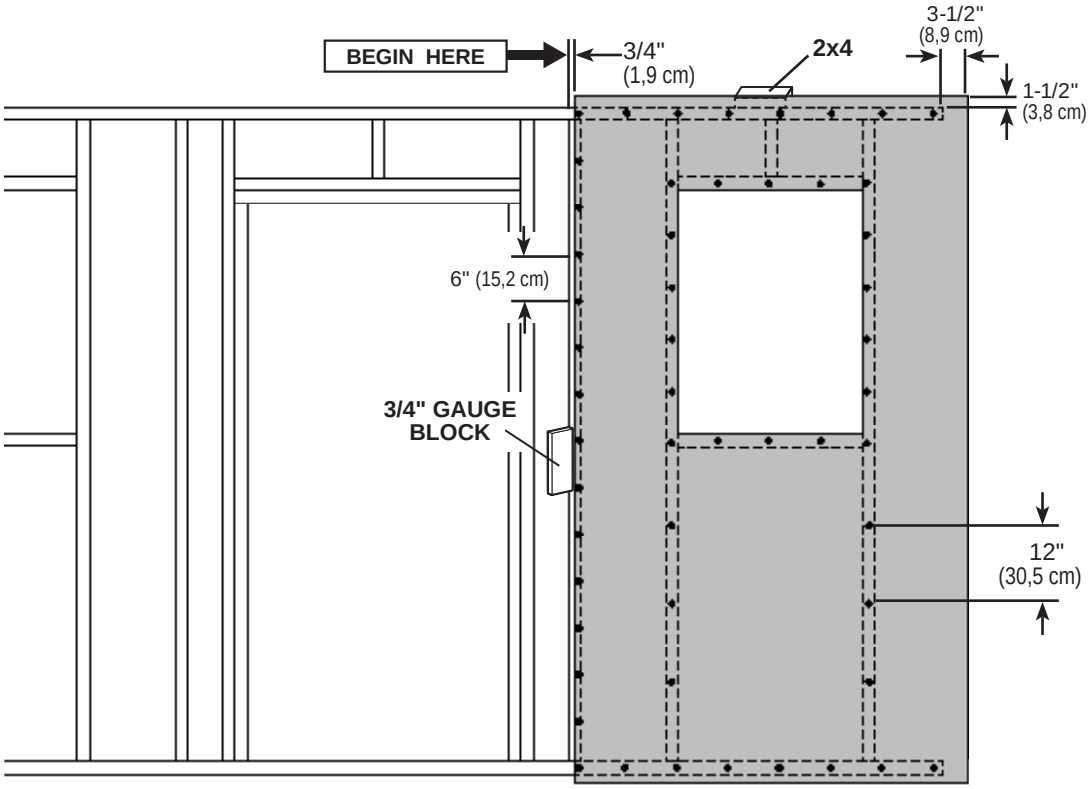
PARTS REQUIRED:

3

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

Use a 2x3 spacer for consistent measurement.

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

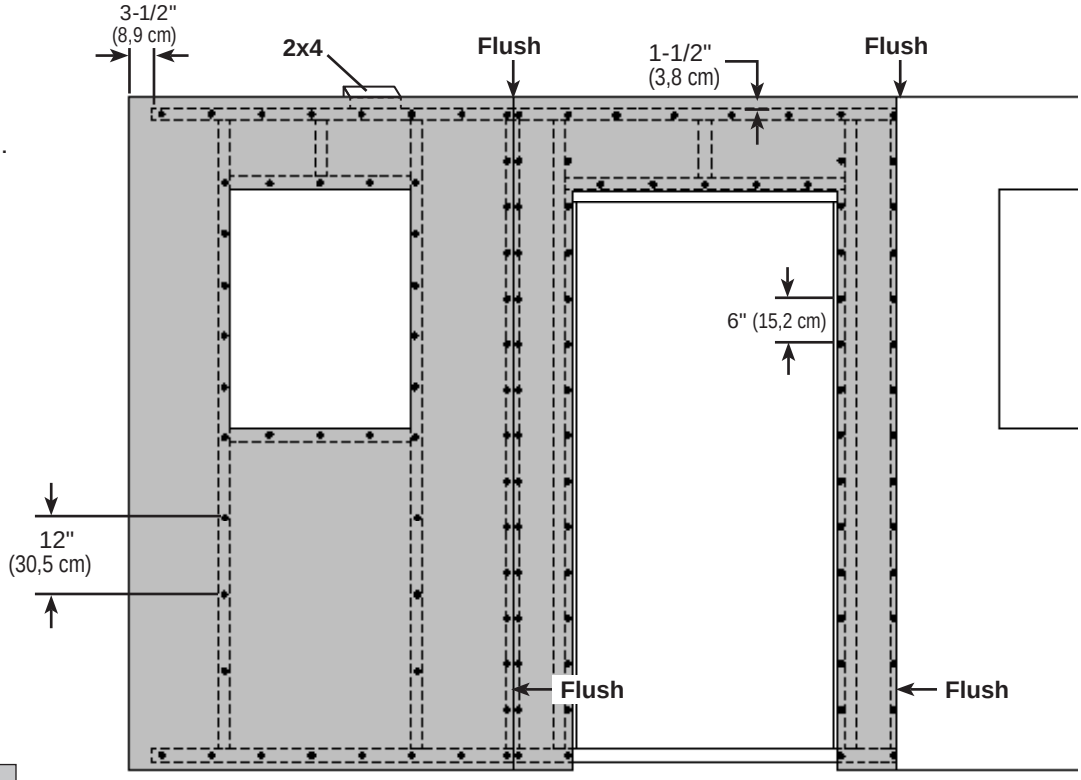


4

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.



FINISH

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

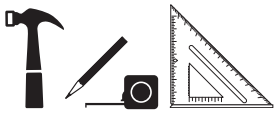
Go to next page.

EAVE SIDE WALL FRAME

PARTS REQUIRED:

x24 — 3" (7,6 cm)

x1	HVC	2 x 4 x 44-3/8" (5,1 x 10,2 x 112,7 cm)
x5	AI	2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
x1	TJ	2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)
x2	YFA	2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

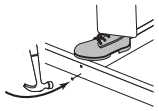


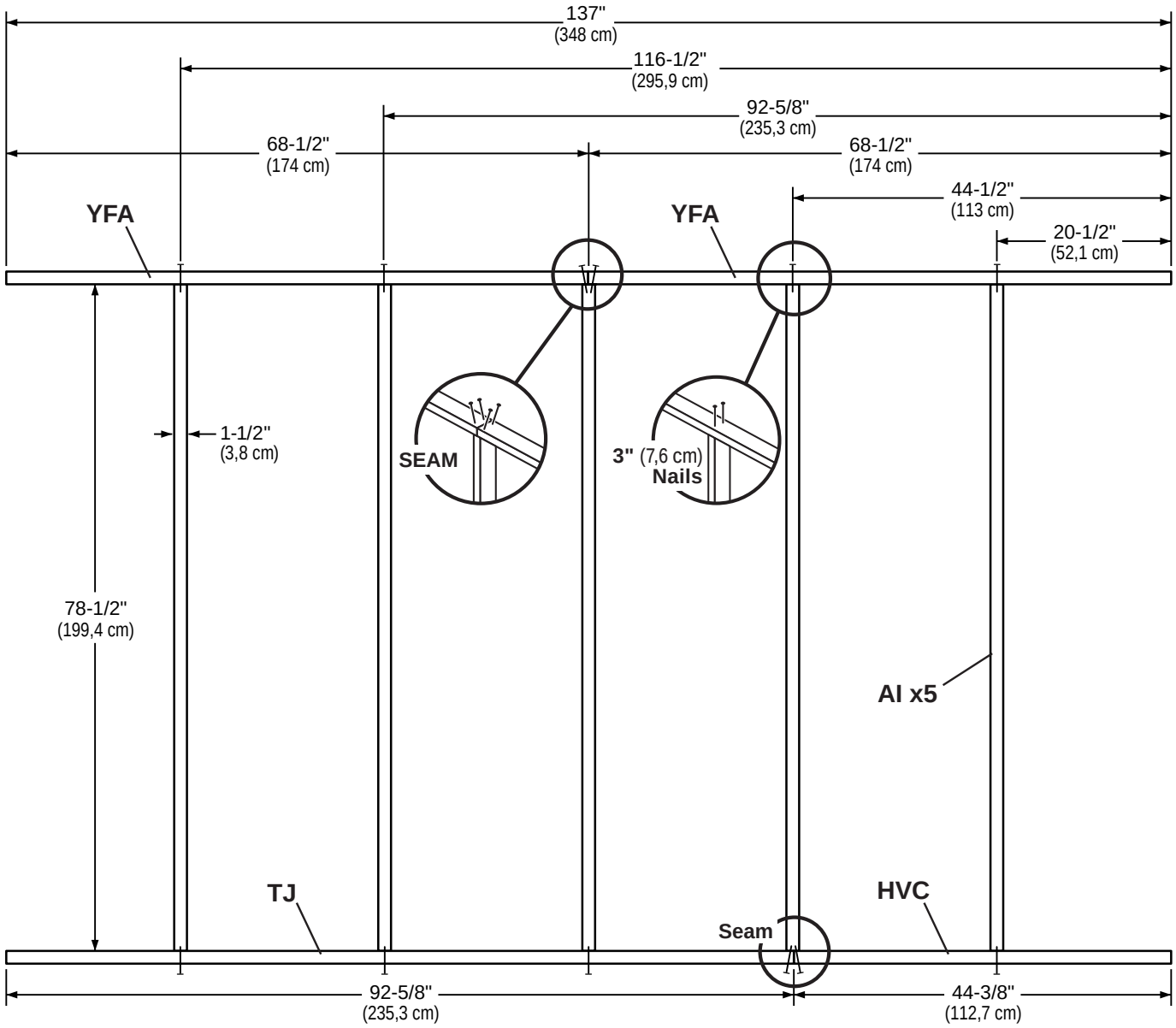
✓ BEGIN

1 Orient parts on edge on floor. Measure and mark.

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

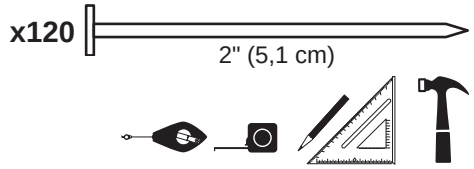
HINT:
For easier nailing stand on frame.





EAVE SIDE WALL PANELS

PARTS REQUIRED:

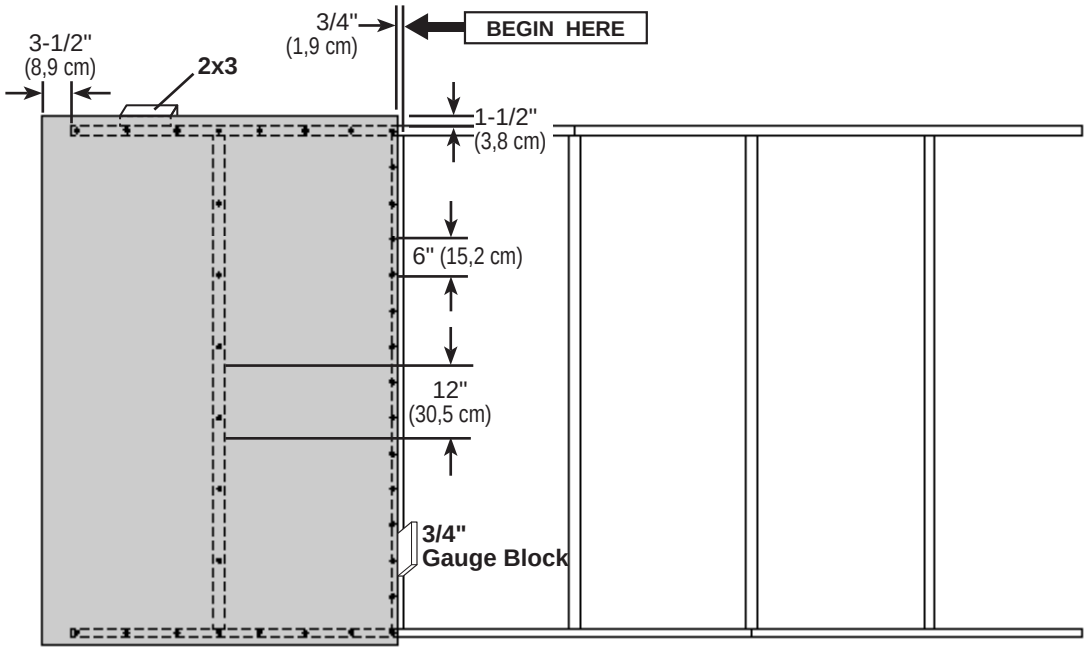


2

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

Use a 2x3 spacer for consistent measurement.

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

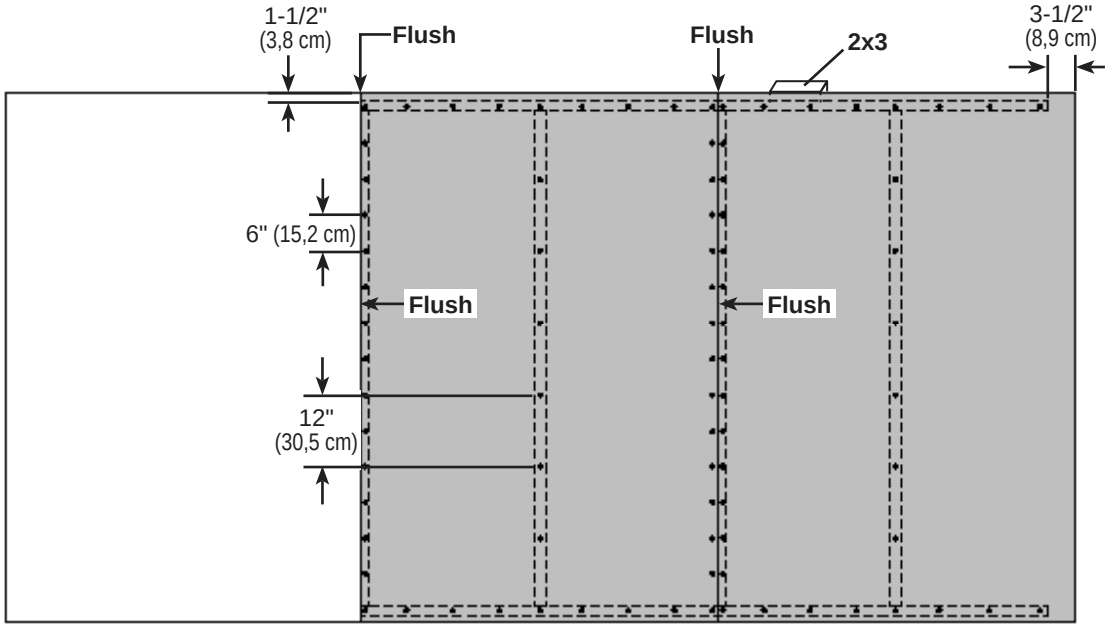


3

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.



FINISH

Your 12' eave wall is now assembled.

Carefully flip the wall over.

GABLE END WALL

PARTS REQUIRED:

x28 — 3" (7,6 cm)

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

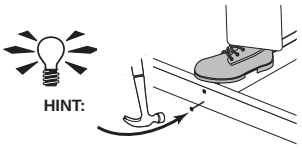
x6 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

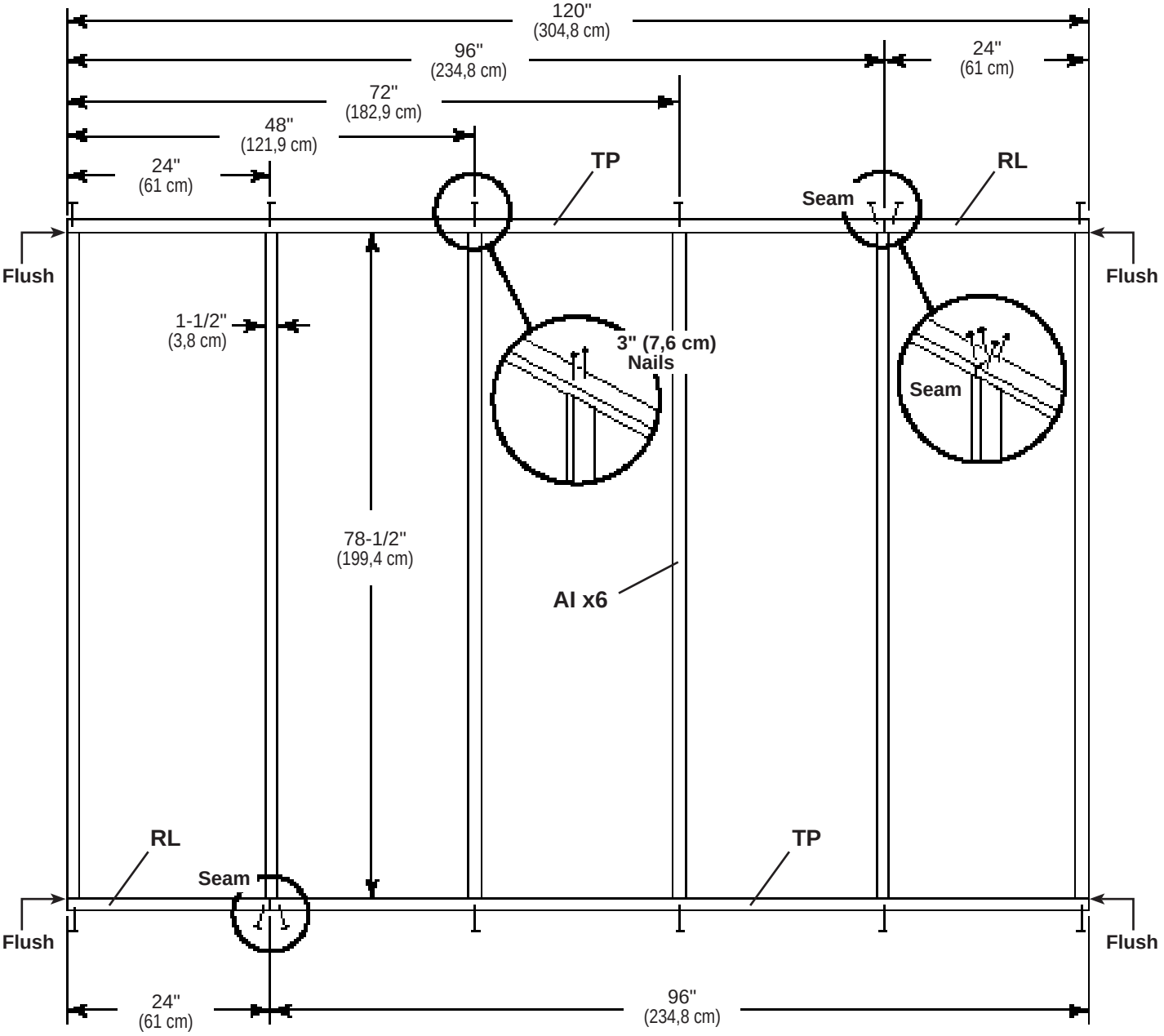
x2 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

BEGIN

1 Orient parts on edge on floor as shown. 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:

x136 — 2" (5,1 cm)

x1 — 23-7/8" x 84" (60,6 x 213,4 cm)

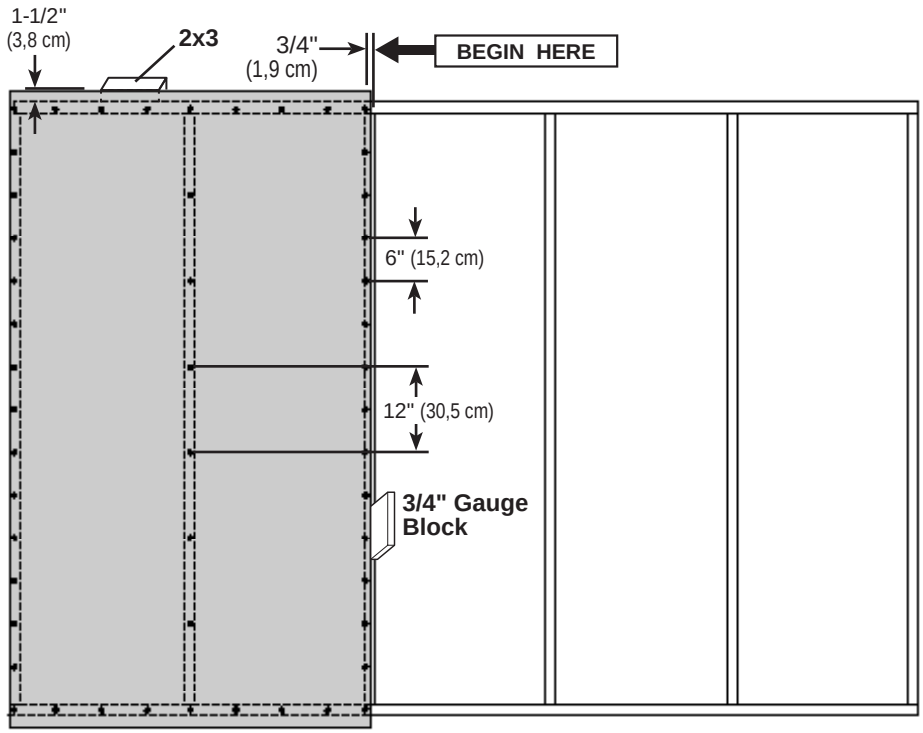
x2 — 48 x 84" (121,9 x 213,4 cm)

2

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

Use a 2x3 spacer for consistent measurement.

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

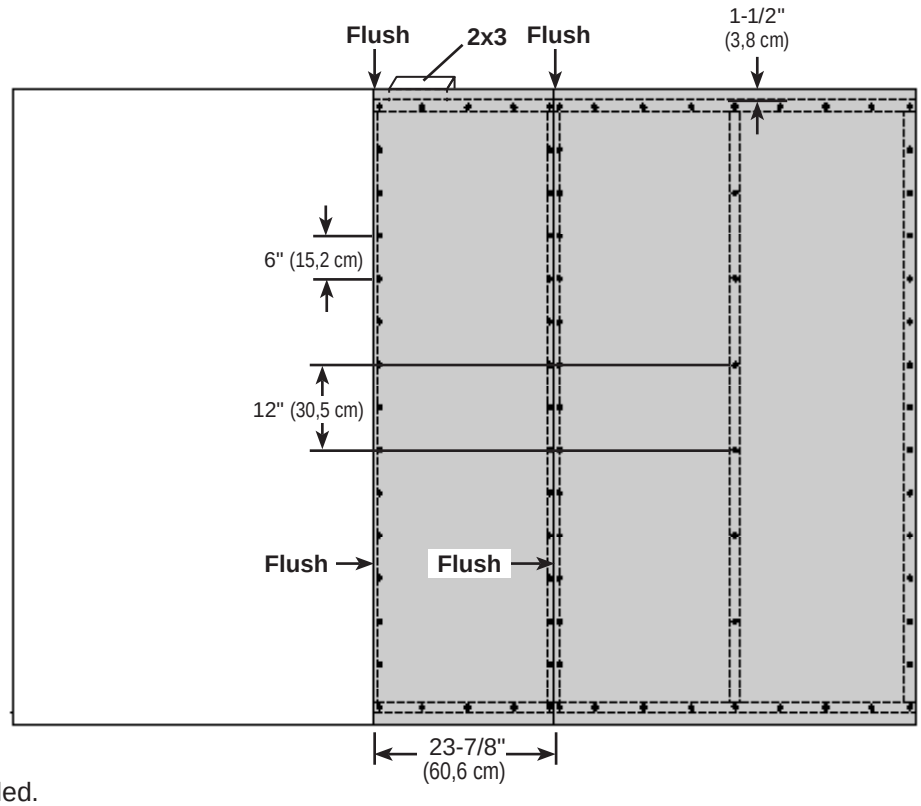


3

Install (1) **23-7/8" x 84"** panel and next **48" x 84"** panel 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.



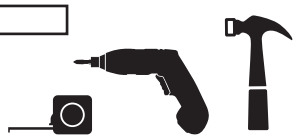
FINISH

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

EAVE WALL WITH SINGLE DOOR & WINDOW

PARTS REQUIRED:

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



x14 3" (7,6 cm)

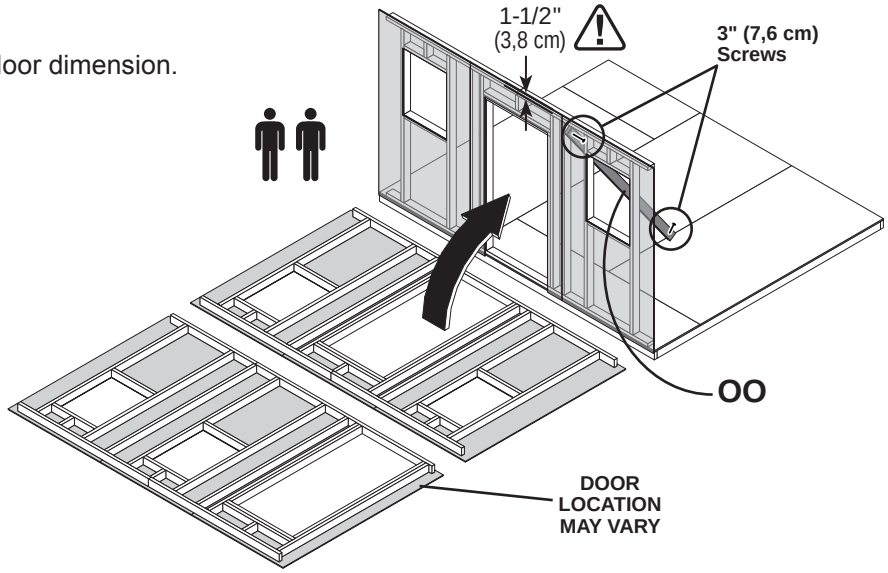
x2 3" (7,6 cm)

x24 2" (5,1 cm)

BEGIN

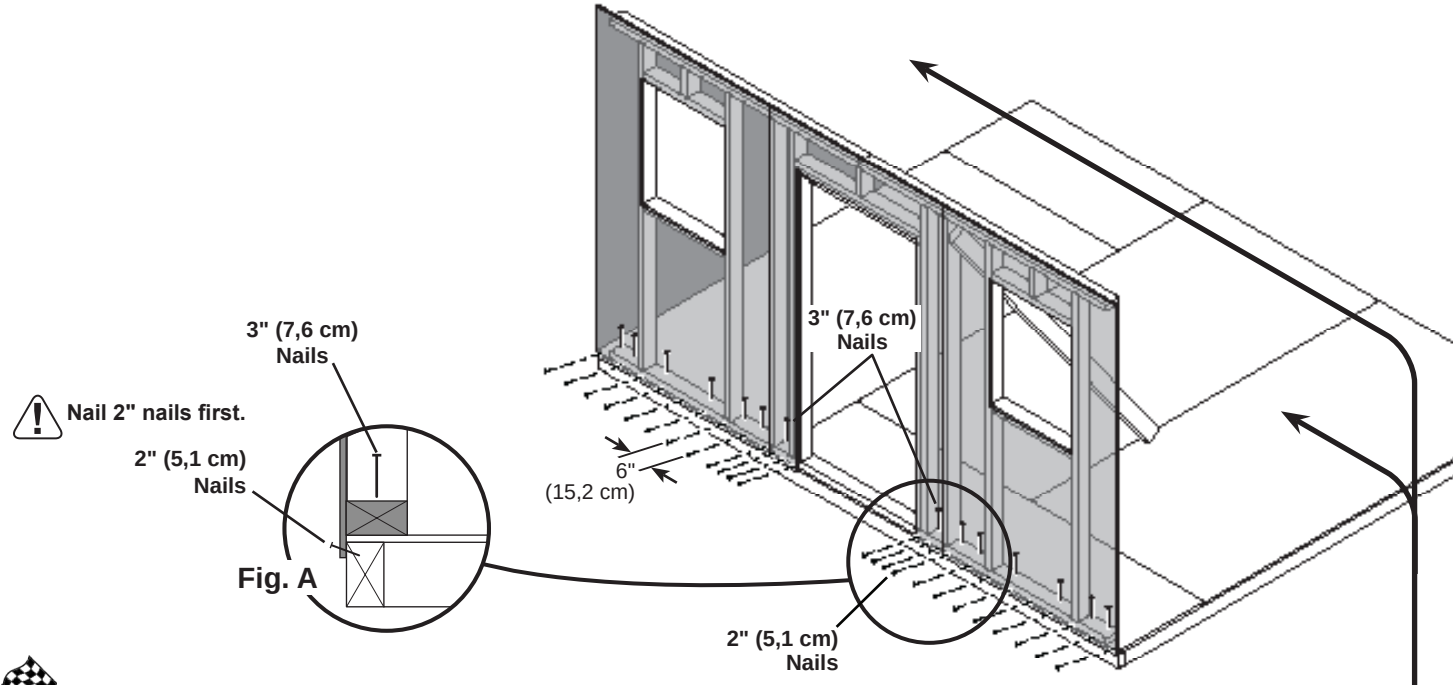
1 Center 12' wall on the 144" (365,8 cm) floor dimension. 1-1/2" (3,8 cm) overlap is to the top.

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



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

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



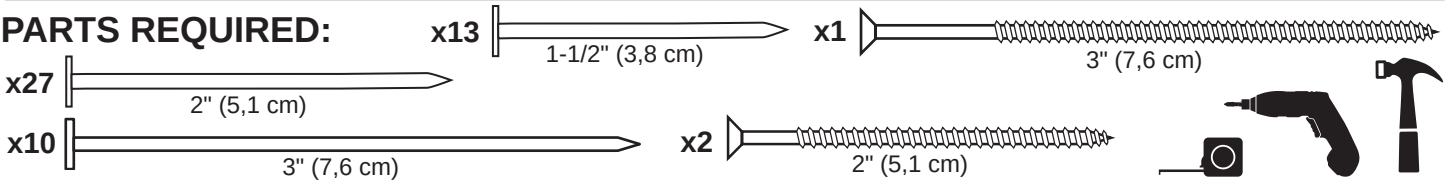
FINISH

Your 12' eave wall is now standing.

IMPORTANT! Determine the gable end wall you want your double doors on now.

10' GABLE END WALL

PARTS REQUIRED:



IMPORTANT!
Determine the gable end wall you want your double doors on.
Install this solid wall on opposite end.

BEGIN

1 Place 10' gable wall centered on floor.
1-1/2" (3,8 cm) overlap is to the top.

Secure wall with (1) 2" screw through the eave wall panel into 8' wall bottom plate **(Fig. A)** and top plate **(Fig. B)**.

Secure wall to bottom plate first.

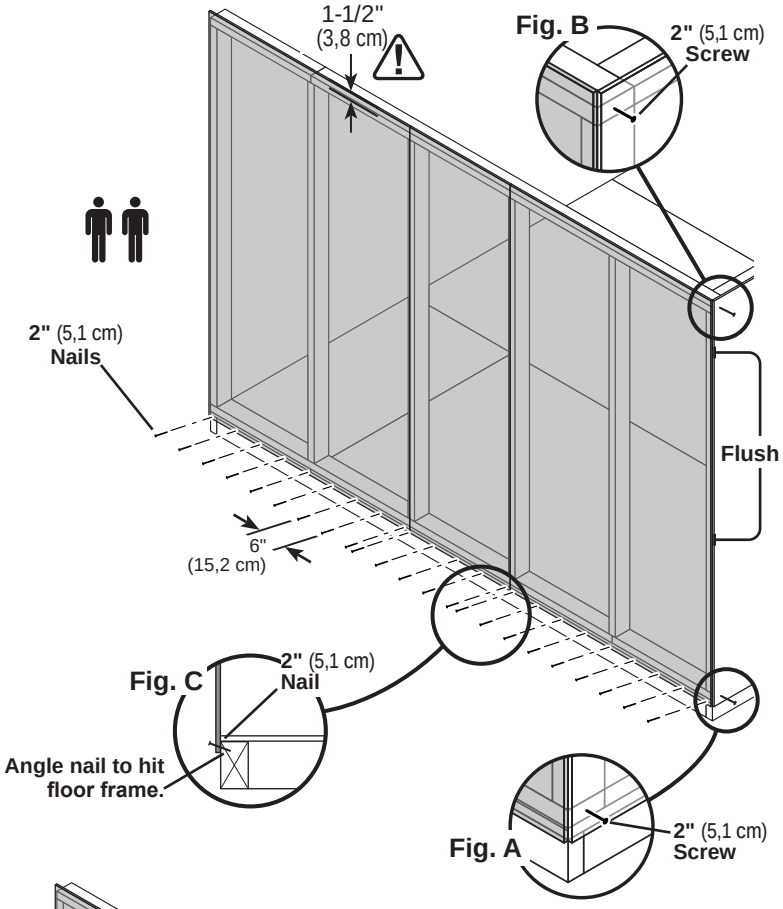
ENSURE PANEL CORNERS ARE FLUSH.

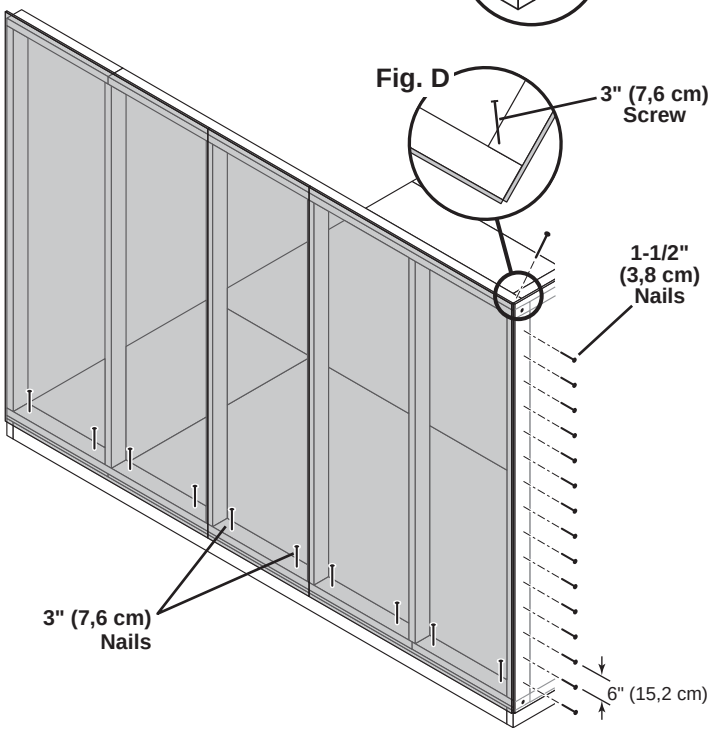
2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame **(Fig. C)**.

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

Secure wall bottom plates to floor with 3" nails.

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



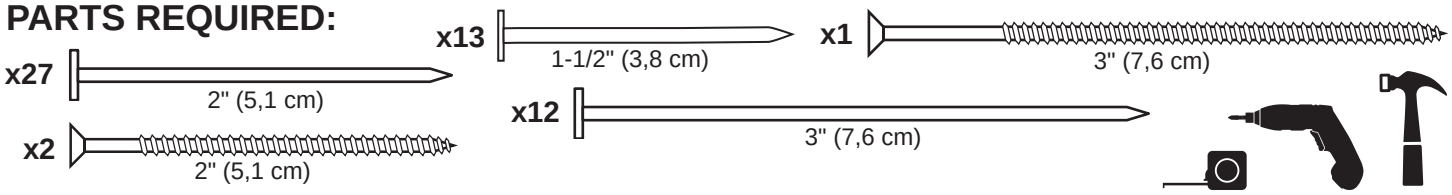


FINISH

You have finished standing your 10' gable end wall.

EAVE SOLID WALL

PARTS REQUIRED:



BEGIN

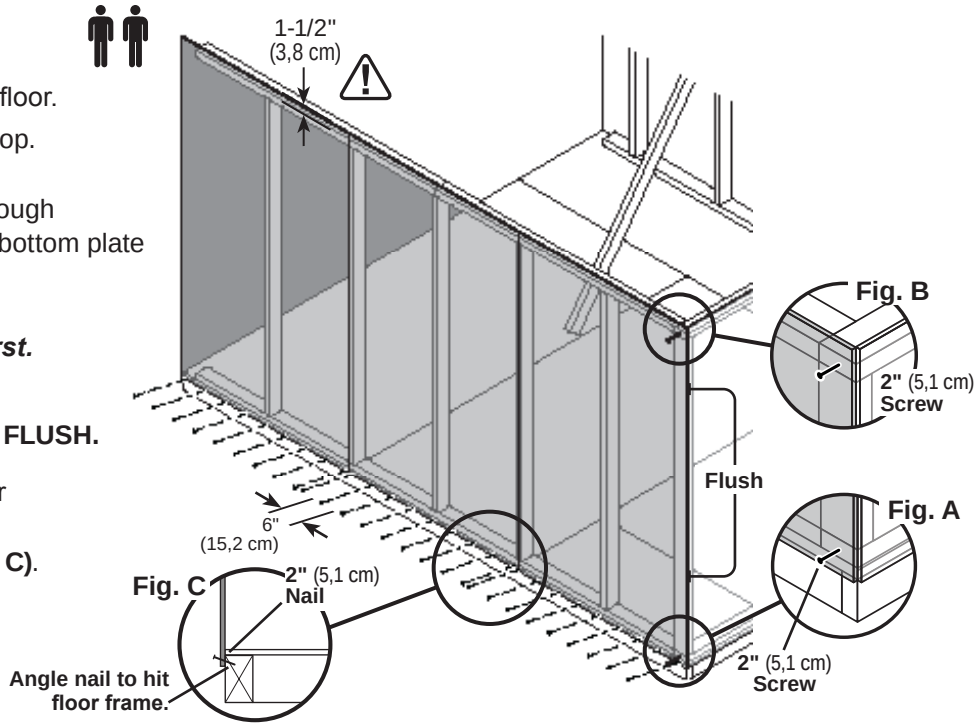
1 Place 12' eave wall centered on floor.
1-1/2" (3,8 cm) overlap is to the top.

Secure wall with (1) 2" screw through the eave wall panel into 10' wall bottom plate **(Fig. A)** and top plate **(Fig. B)**.

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH.

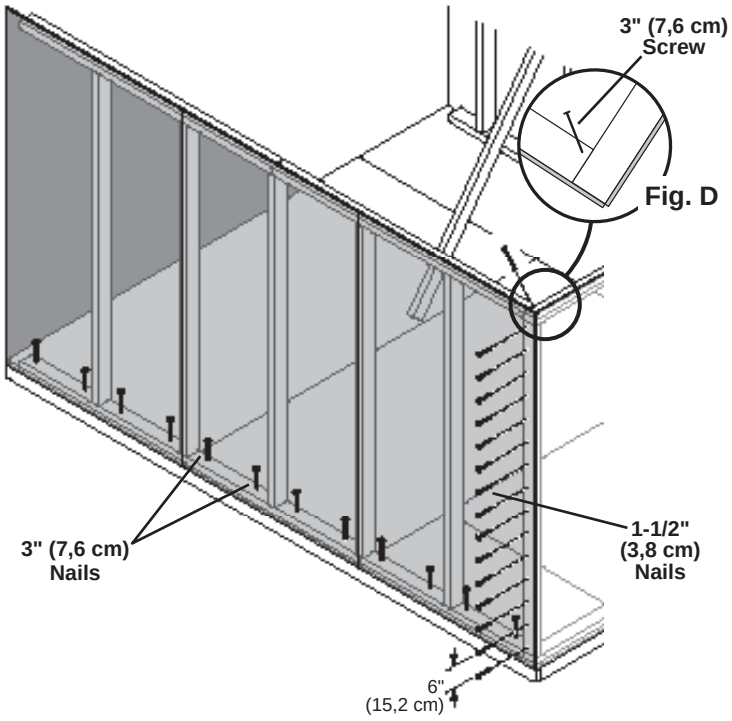
2 Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame **(Fig. C)**.



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

Secure wall bottom plates to floor with 3" nails.

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



FINISH

Your 12' eave solid wall is installed.

Remove temporary brace.

GABLE DOOR WALL

PARTS REQUIRED:

x14 — 2" (5,1 cm)

x8 — 3" (7,6 cm)

x2 — 3" (7,6 cm)

x4 — 2" (5,1 cm)

x26 — 1-1/2" (3,8 cm)

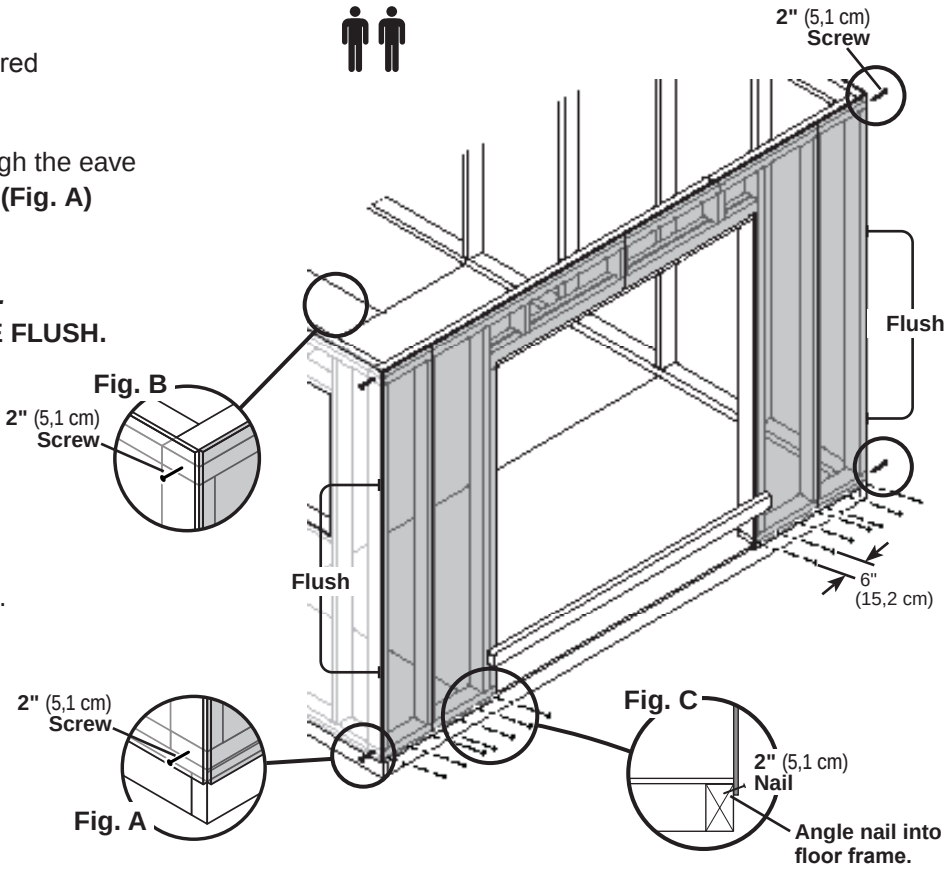
BEGIN

1 Place 10' gable wall on floor, centered between installed walls.

Secure wall with (1) 2" screw through the eave wall panel into 8' wall bottom plate **(Fig. A)** and top plate **(Fig. B)**.

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

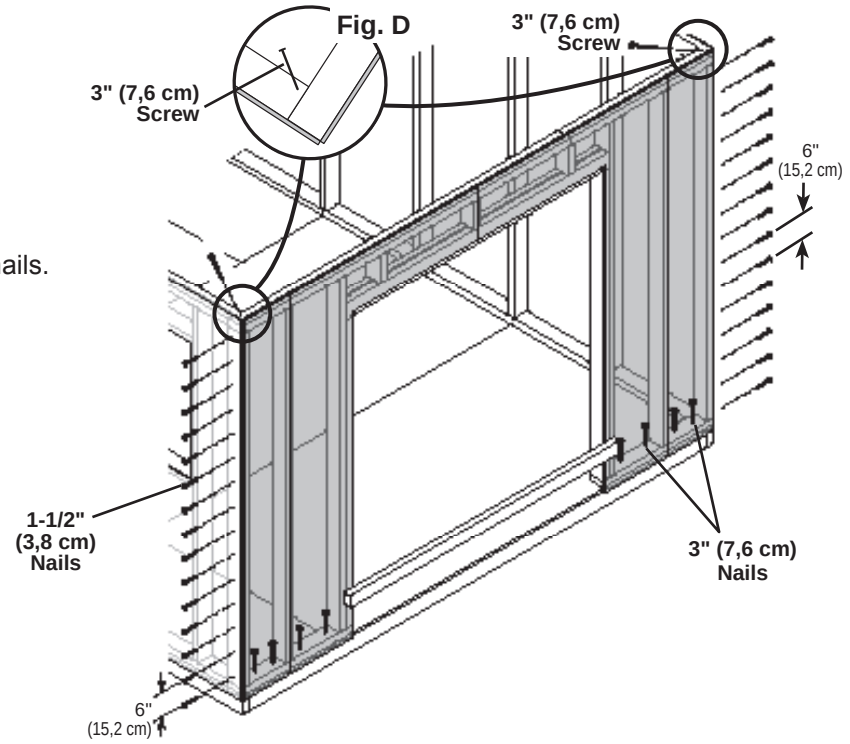


2 Nail lower edge of panels to floor with 2" nails spaced 6" apart. Angle nails into floor frame **(Fig. C)**.

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

Secure wall bottom plates to floor with 3" nails.

4 Secure wall top plates with (1) 3" screw at both corners, angled as shown **(Fig. D)**.



FINISH

Your 8' gable door wall is installed.

Remove temporary brace.

WALL DOUBLERS

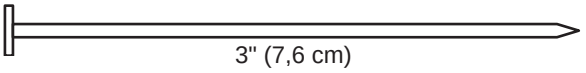
PARTS REQUIRED:

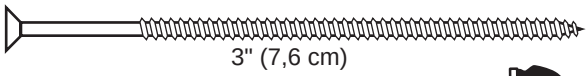
x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x2 JBD
2 x 4 x 20-3/8" (5,1 x 10,2 x 51,8 cm)

x2 TJ
2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)

x4 TP
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

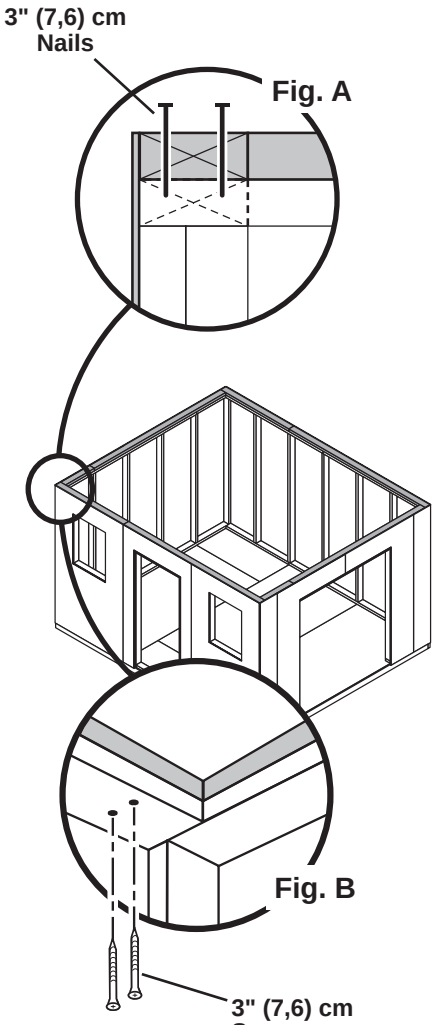
x60

3" (7,6 cm)

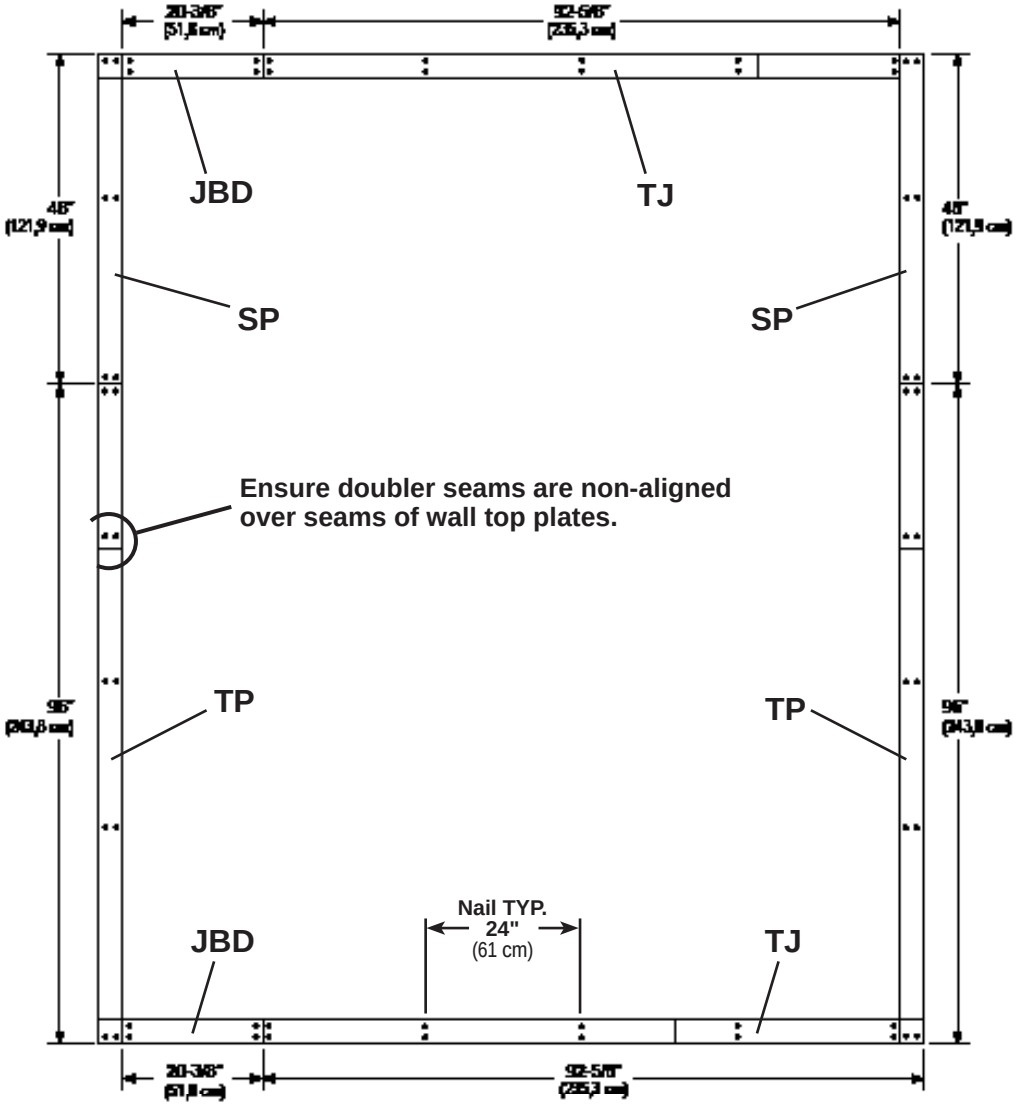
x8

3" (7,6 cm)

BEGIN

1 Orient parts on top of wall frames. Measure and mark from end of boards. Secure from top with (2) 3" nails spaced every 24" **(Fig. A).**

2 Secure from bottom with (2) 3" screws at each corner **(Fig. B).**





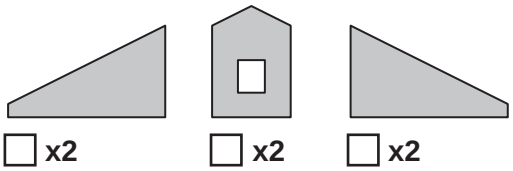
FINISH

Your wall doublers 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)



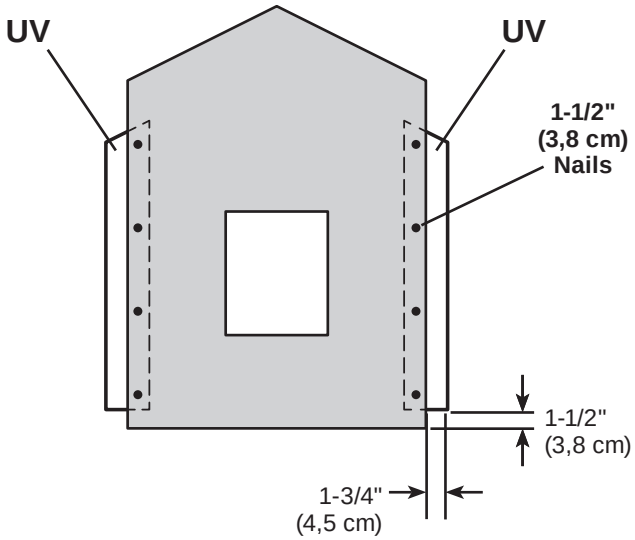
x16 1-1/2" (3,8 cm)

Install all panels with the primed side facing up.

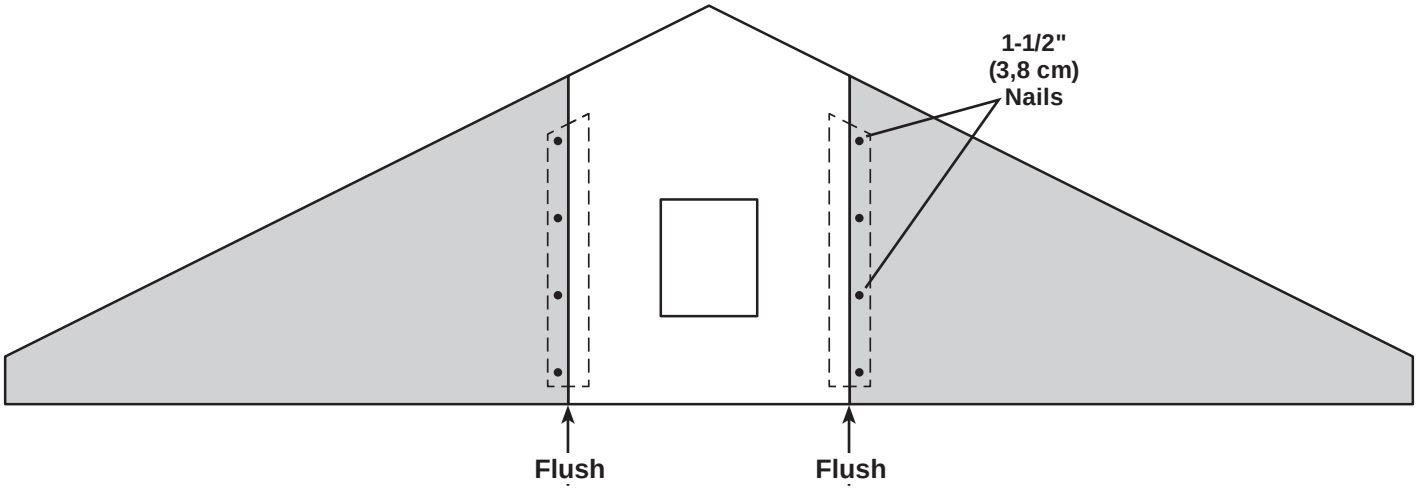
Build 2 gable panel assemblies.

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.

FINISH

Your (2) gable assemblies are completed.

GABLE OVERHANG FRAMES

PARTS REQUIRED:

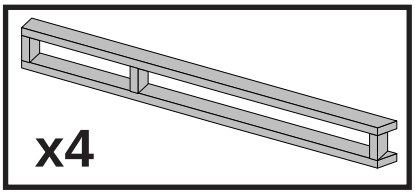
x12 CLA
2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)

x8 ECA
2 x 4 x 75-1/4" (5,1 x 10,2 x 191,1 cm)

x56
3" (7,6 cm)

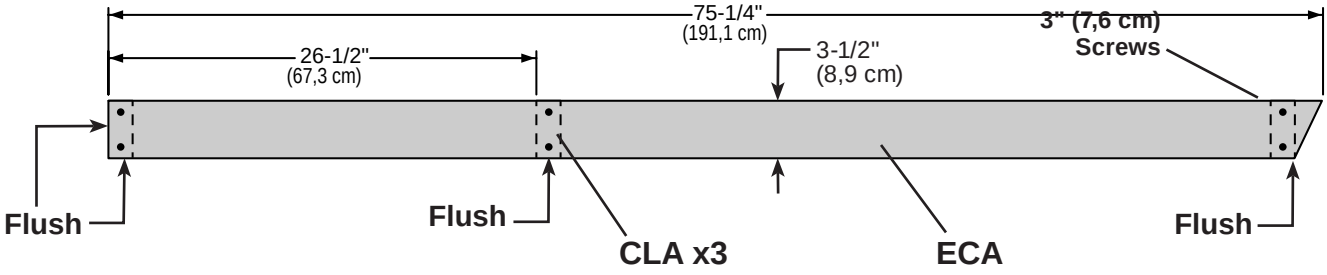
Build 4 gable overhang frames.

BEGIN



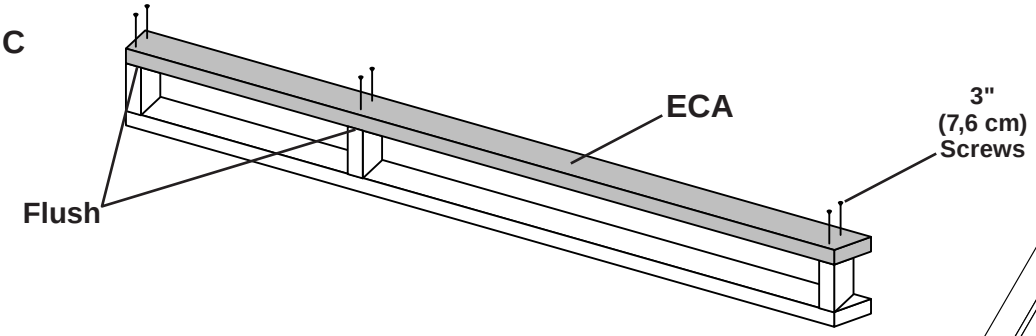
1 Arrange, measure and mark locations of (3) **CLA**, **(Fig. A)**. Place **ECA** on top. Secure with 3" screws, as shown. Ensure parts are flush along edges.

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

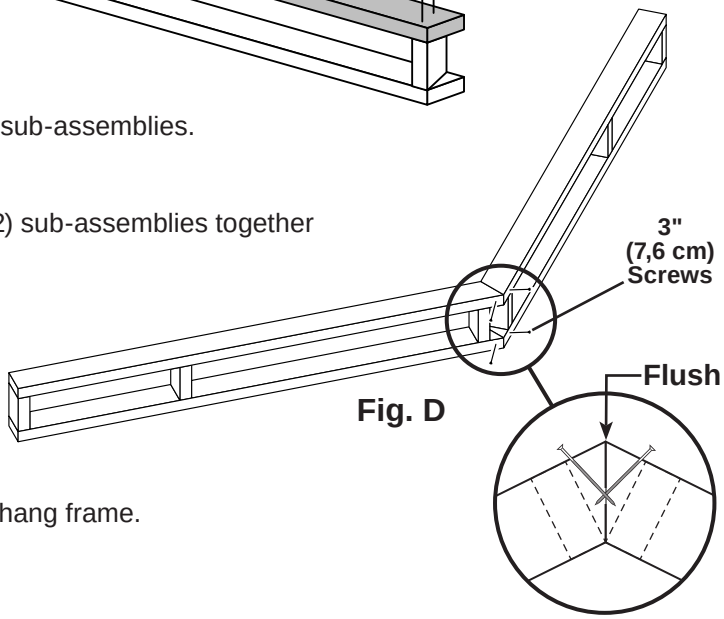
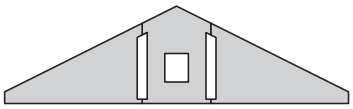


Fig. D

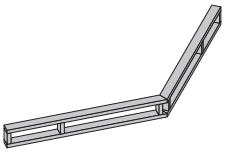
Repeat STEP 3 to assemble the 2nd gable overhang frame.

GABLE UNITS

PARTS REQUIRED:

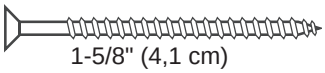


x2 Gable Assemblies

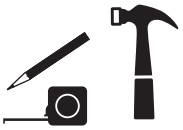


x2 Overhang Frames

x52



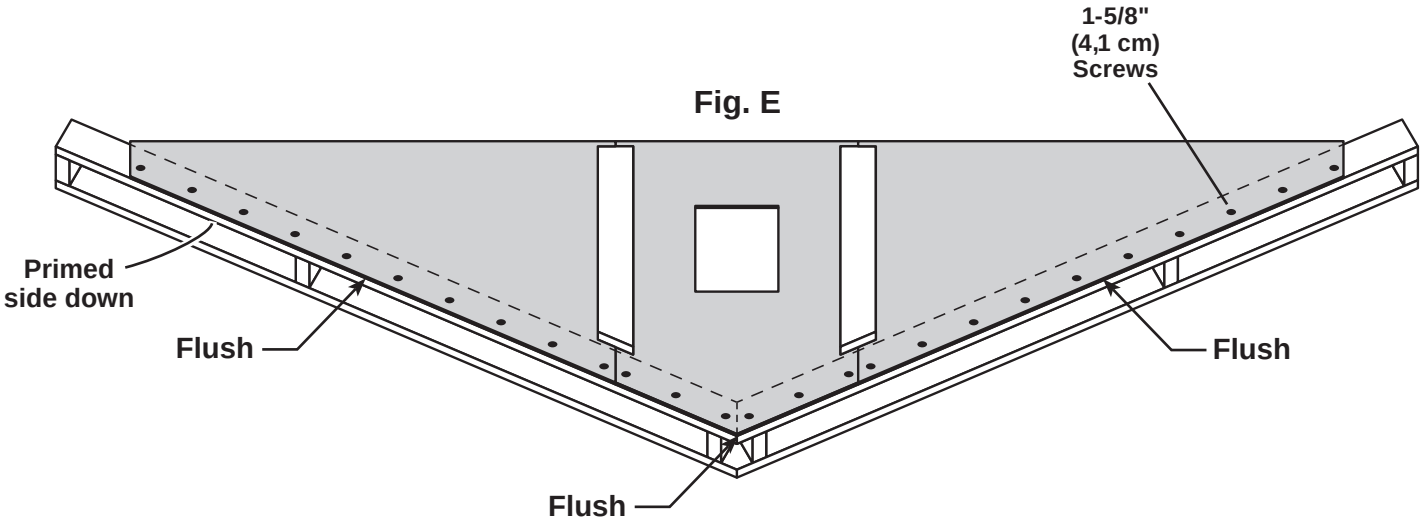
1-5/8" (4,1 cm)



Arrange gable and ladder assemblies as shown (Fig. E). You will build 2 gable units.

4 Ensure gable panels are flush at peak of ladder and flush along top edge of ladder assembly. Secure with 1-5/8" screws as shown **(Fig. E)**.

Fig. E



Repeat STEP 4 to build the 2nd gable unit.

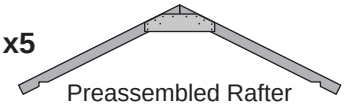
FINISH

You have finished building (2) gable units.

RAFTERS

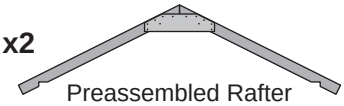
PARTS REQUIRED:

x5



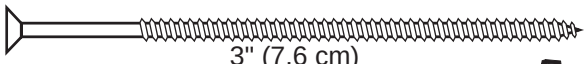
Preassembled Rafter
(1 gusset)

x2

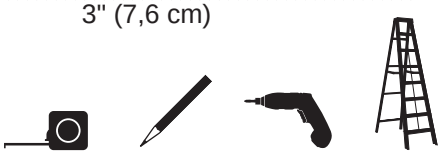


Preassembled Rafter
(2 gusset)

x28



3" (7,6 cm)

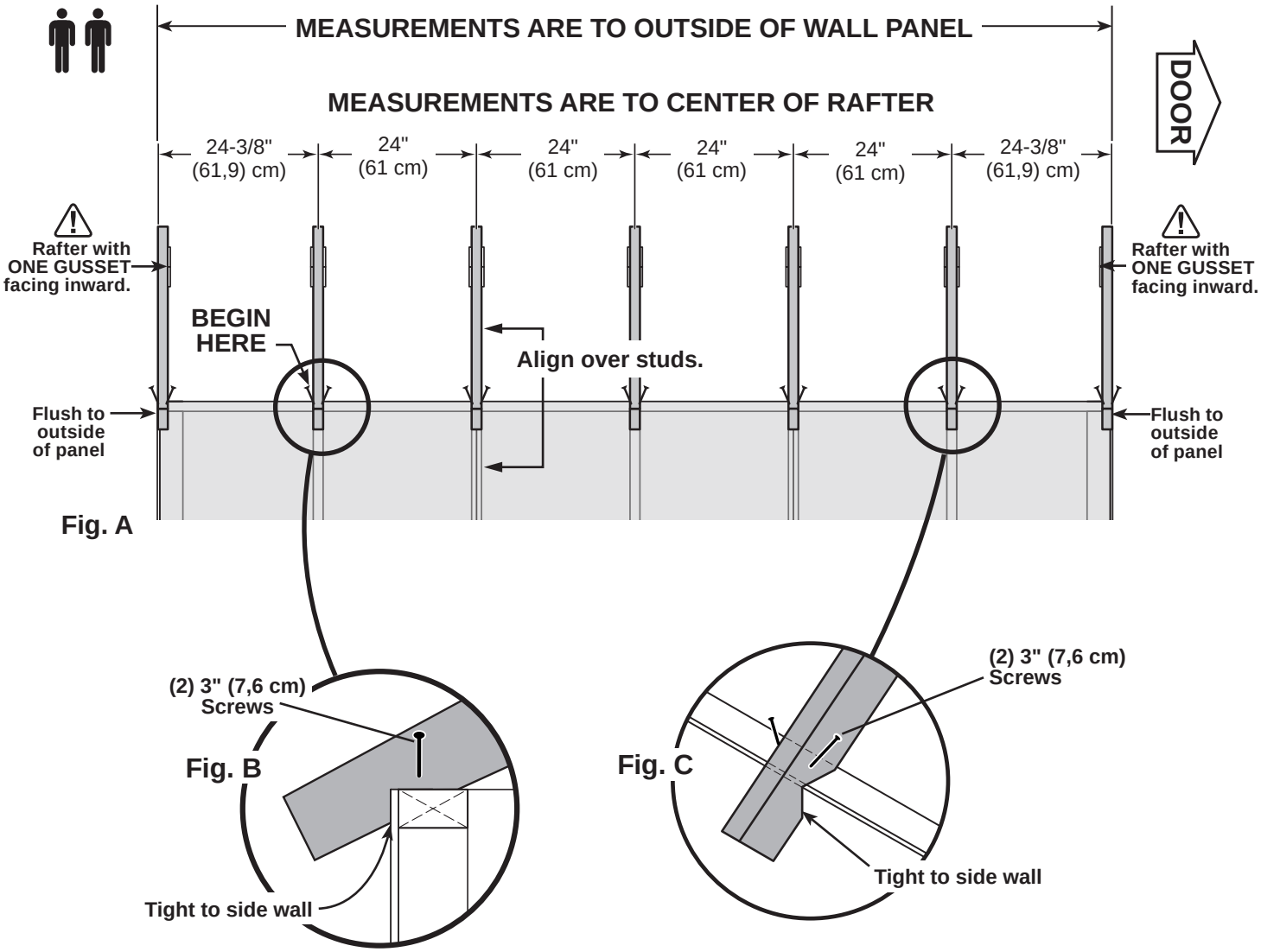


BEGIN

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.

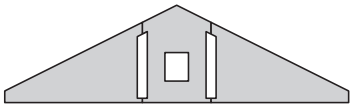


FINISH

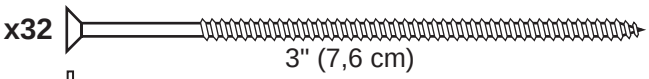
Your rafters are now installed.

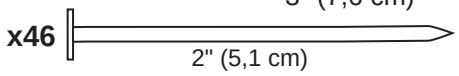
GABLE UNITS

PARTS REQUIRED:



x2 Gable Units





BEGIN

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

⚠ **BE SURE GABLE IS CENTERED ON WALL BEFORE NAILING.** ⚠

2 Continue nailing lower edge of panels into wall doubler. Secure with 2" nails spaced 6" apart, as shown

3 Working inside, secure gable unit with 3" screws into **UV** and doubler at an angle, as shown **(Fig. B)**.

Fig. A

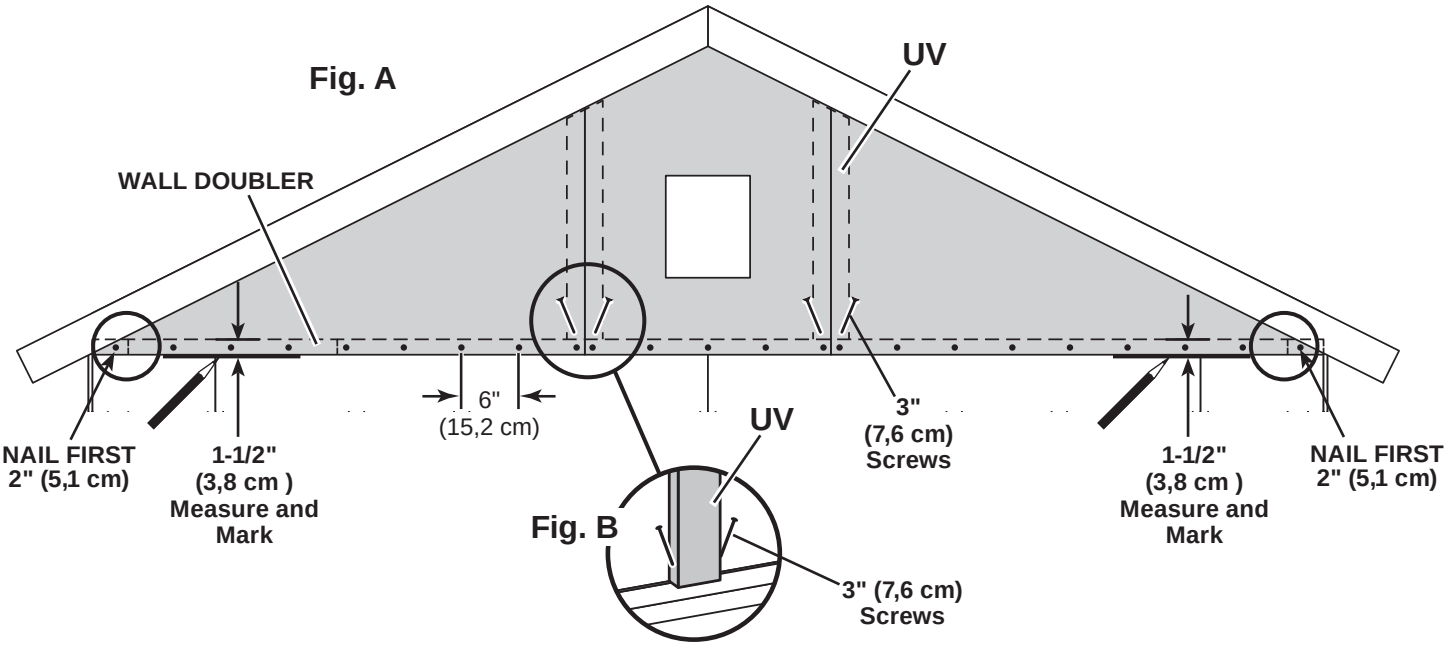


Fig. B

4 Secure gable unit framing to end rafter with 3" screws, as shown **(Fig. C)**.

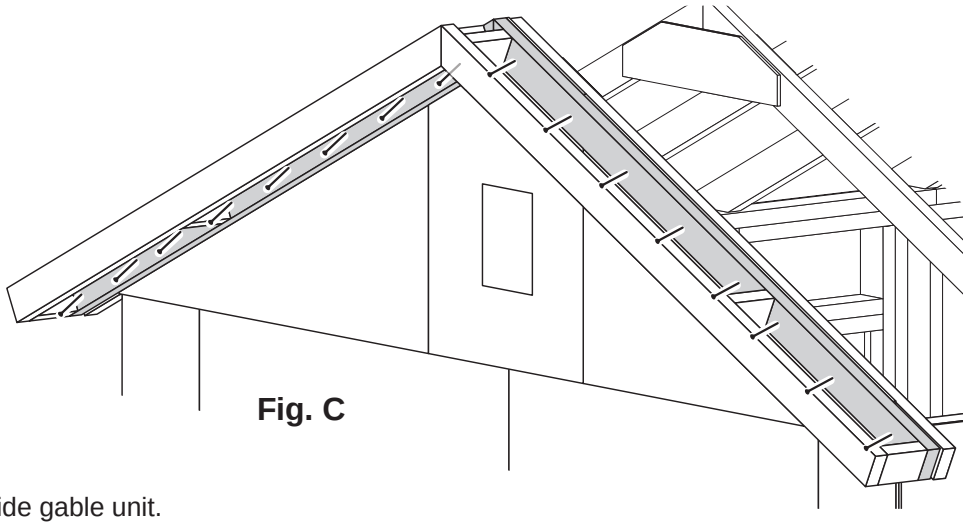


Fig. C

Repeat steps to install opposite side gable unit.

FINISH

Your gable units are now installed.

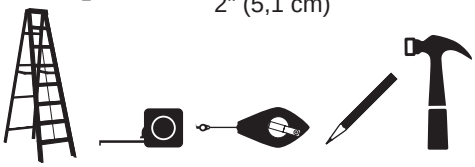
ROOF PANELS

PARTS REQUIRED:

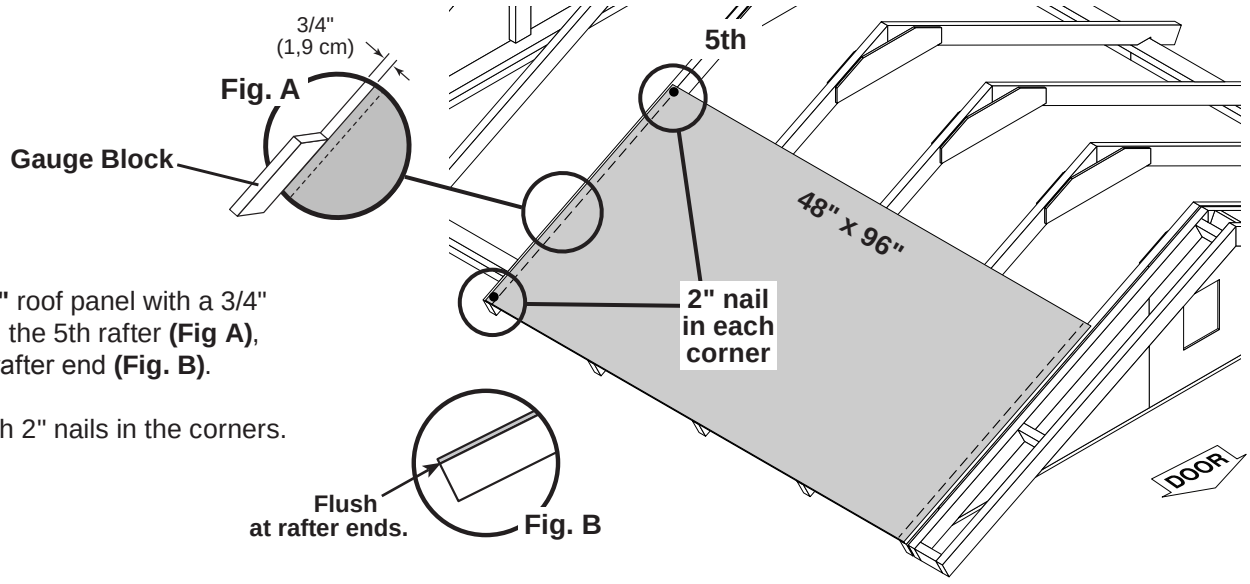
x1 — 7/16 x 48 x 96" (1,1 x 121,9 x 243,8 cm)

GAA — 3/4" GAUGE BLOCK

x4 — 2" (5,1 cm)



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)**.

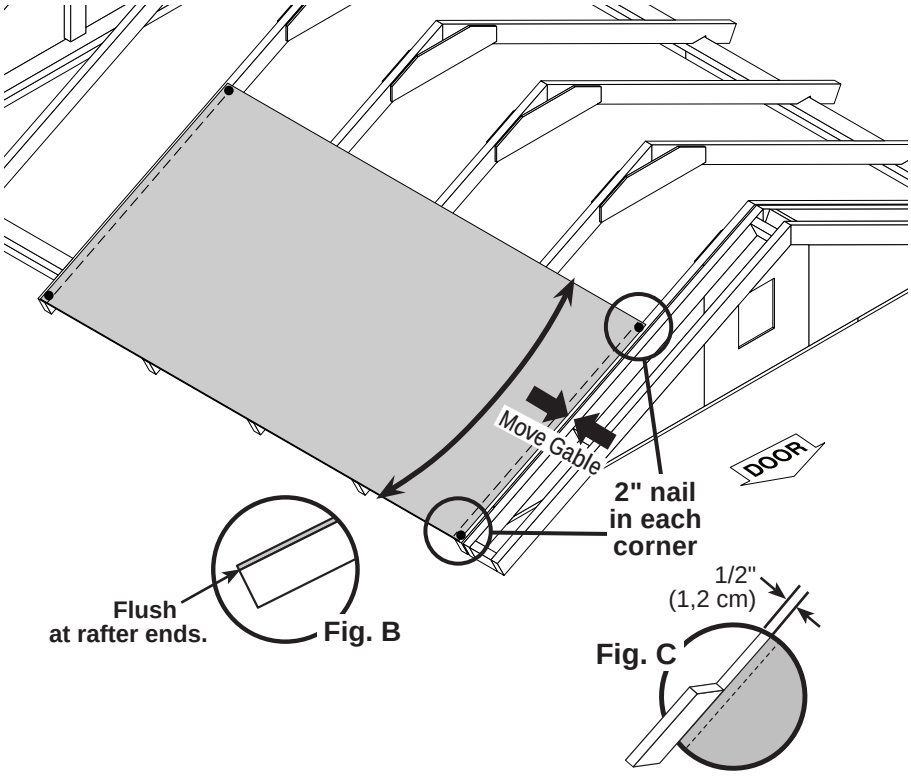
Secure panel with 2" nails in the corners.

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.

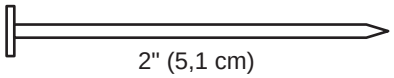


ROOF PANELS

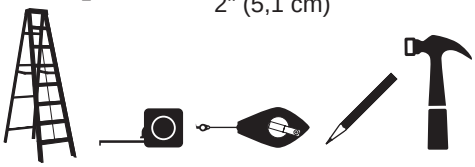
PARTS REQUIRED:

3/4" GAUGE BLOCK

x4



2" (5,1 cm)

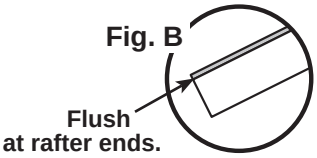


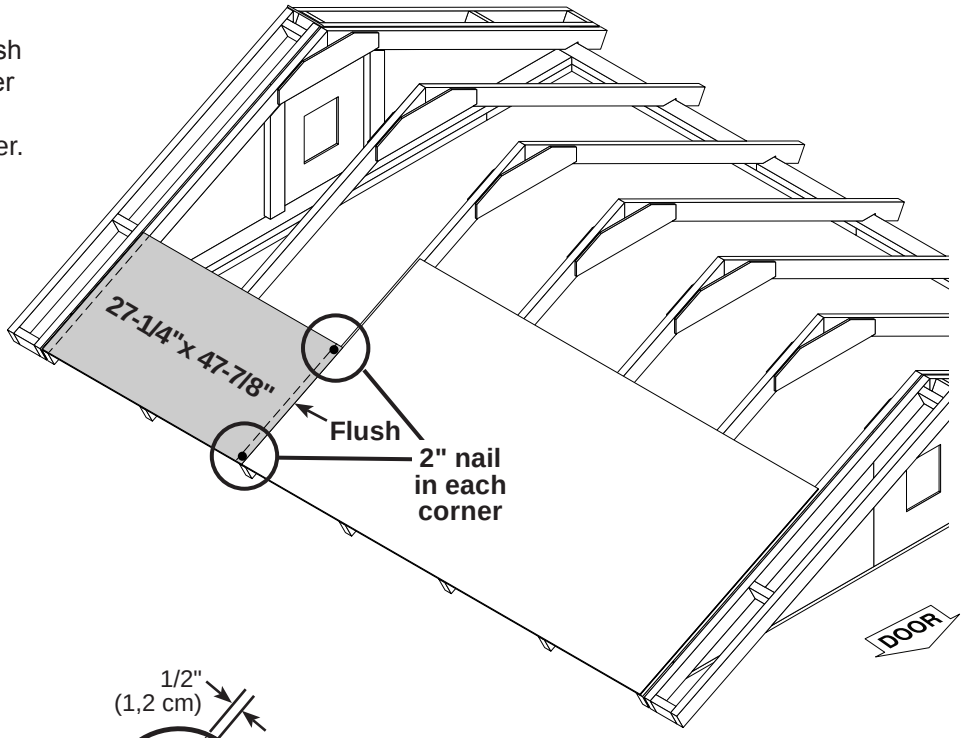
x1

7/16 x 27-1/4 x 48"
(1,1 x 69,2 x 121,9 cm)

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.



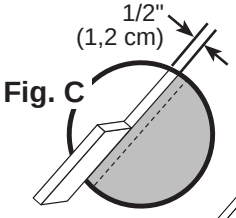


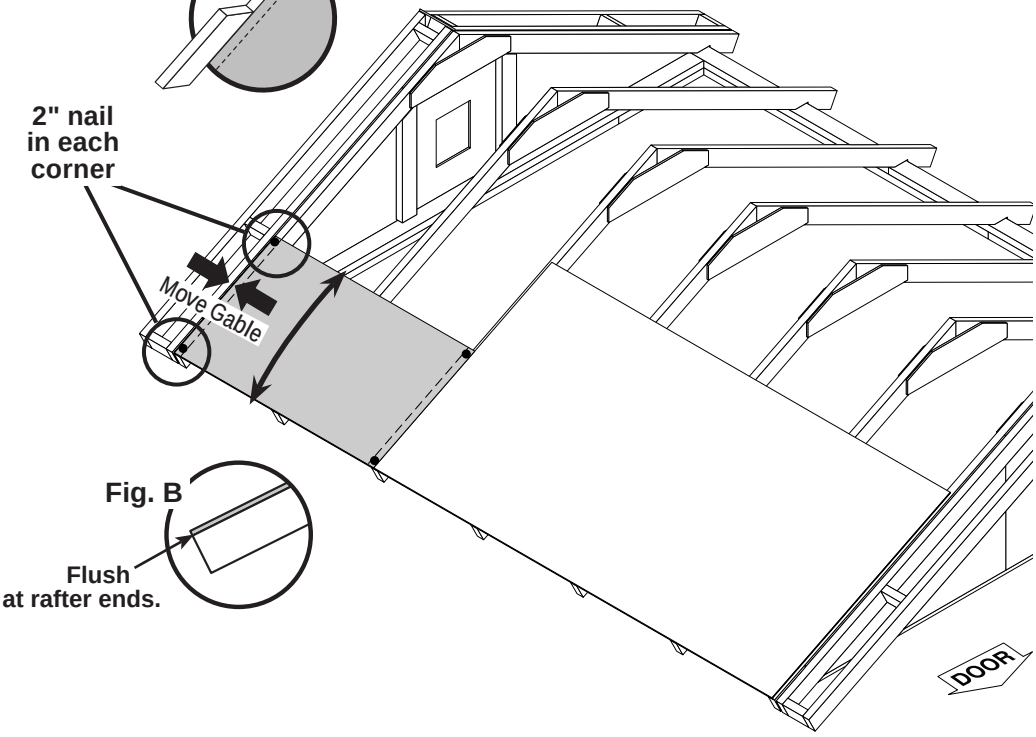
4

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:

x2 — 7/16 x 27-1/4 x 48" (1,1 x 69,2 x 121,9 cm)

x1 — 7/16 x 48 x 47-7/8" (1,1 x 121,9 x 121,6 cm)

3/4" GAUGE BLOCK

x26 — 2" (5,1 cm)

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)**.

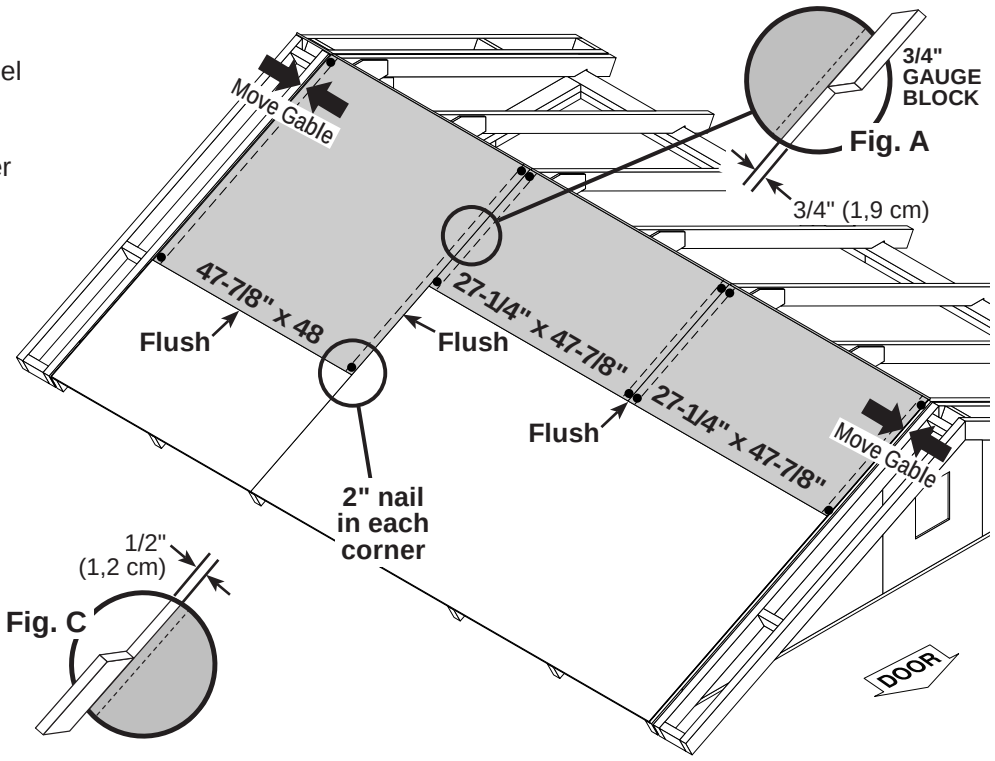
Secure the panels with 2" nails in each corner.

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

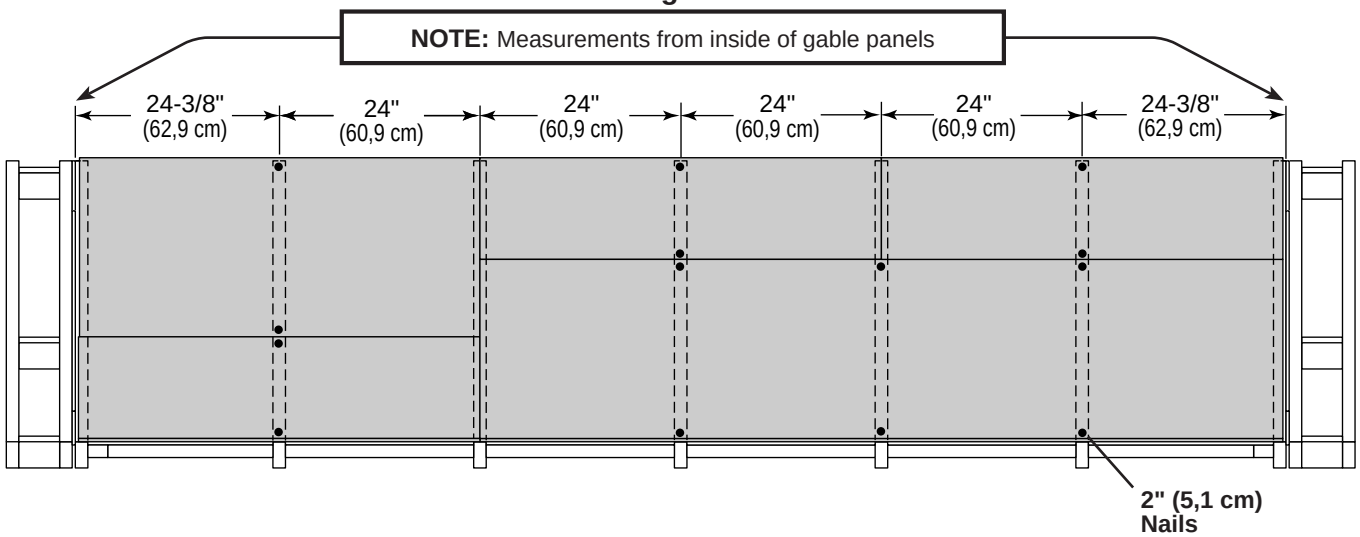
Maintain spacing between the center of the rafters for the lower panels **(Fig. D)**.

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



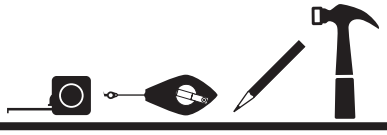
ROOF PANELS

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)

x268 — 2" (5,1 cm)



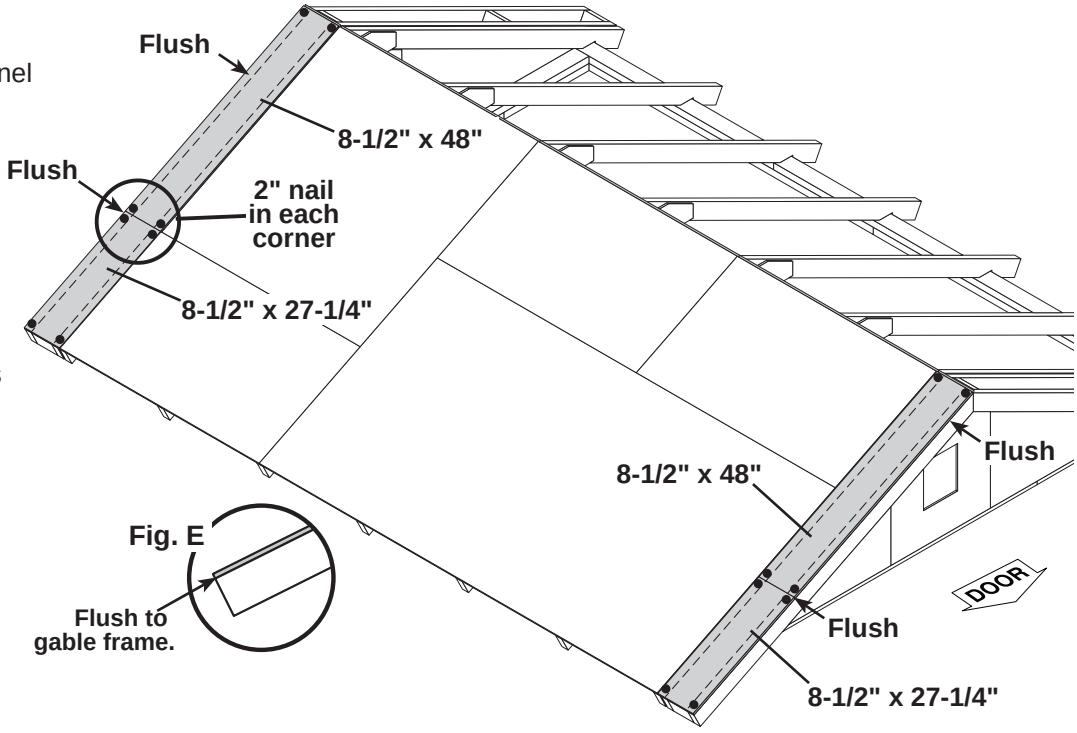
8

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.

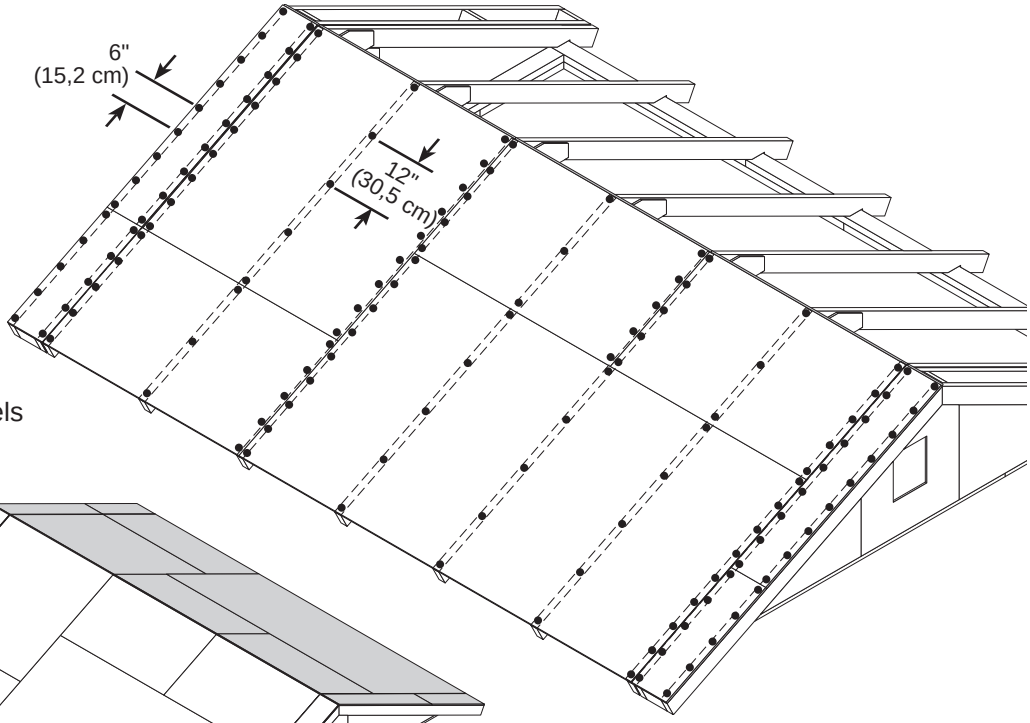
Place **8-1/2" x 48"** roof panels flush to the outside of gable framing and flush to the installed lower panel.

Secure the panel with 2" nails in each corner.

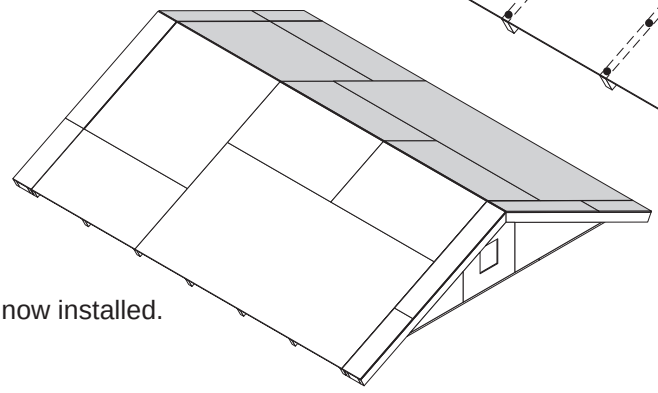


9

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.



FINISH

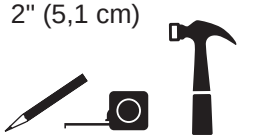
Your roof panels are now installed.

GABLE END SOFFITS

PARTS REQUIRED:

x80 2" (5,1 cm)

x4 3/8 x 7-7/8 x 73-5/16" (1 x 20 x 186,2 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.

Fig. A

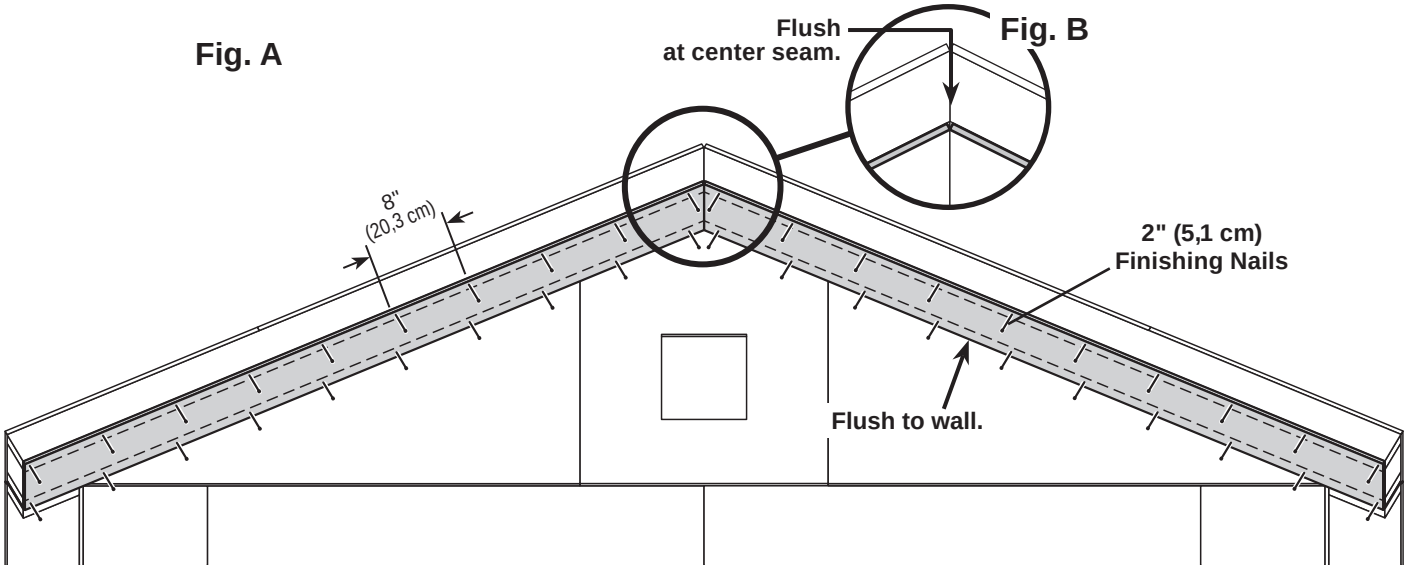


Fig. B

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 185,3 cm)

x32

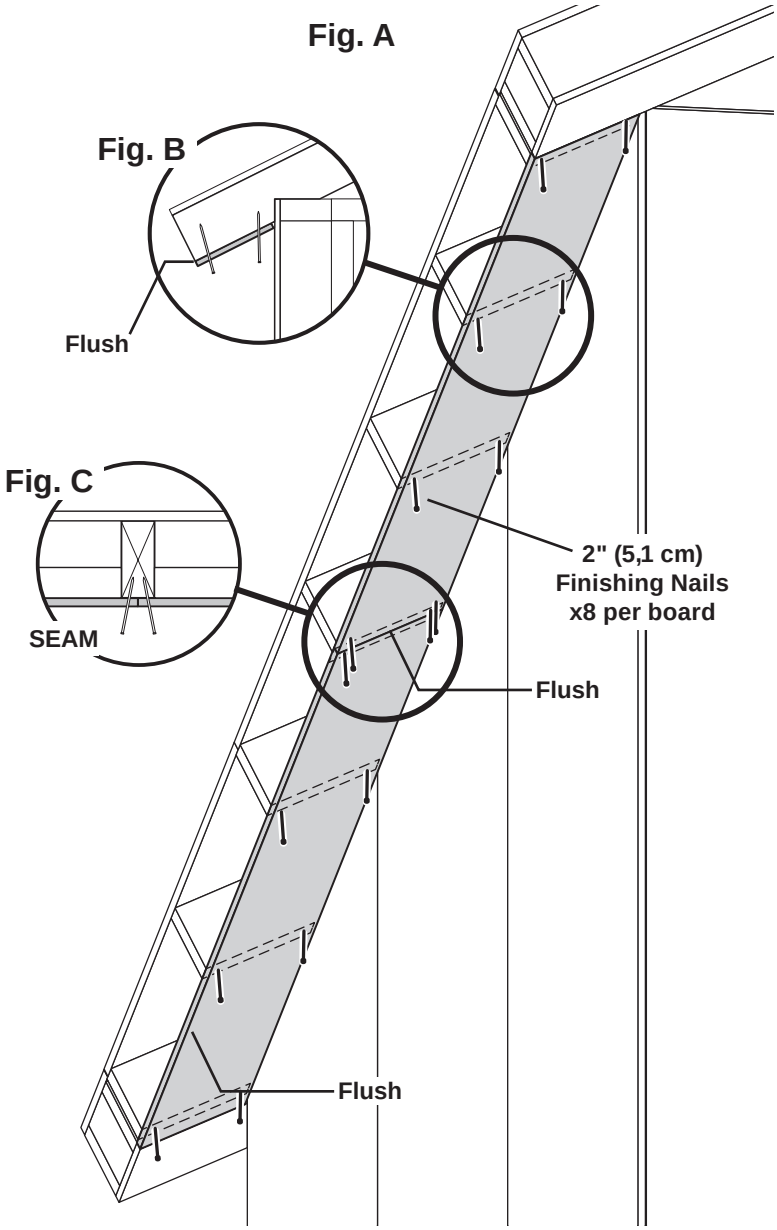
2" (5,1 cm)

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)**.
****Eave soffit may need to be trimmed to fit****

Fig. A



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

FINISH

Your eave side soffit panels are now installed.

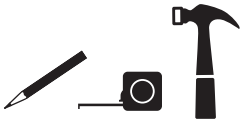
GABLE FASCIA

PARTS REQUIRED:

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

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

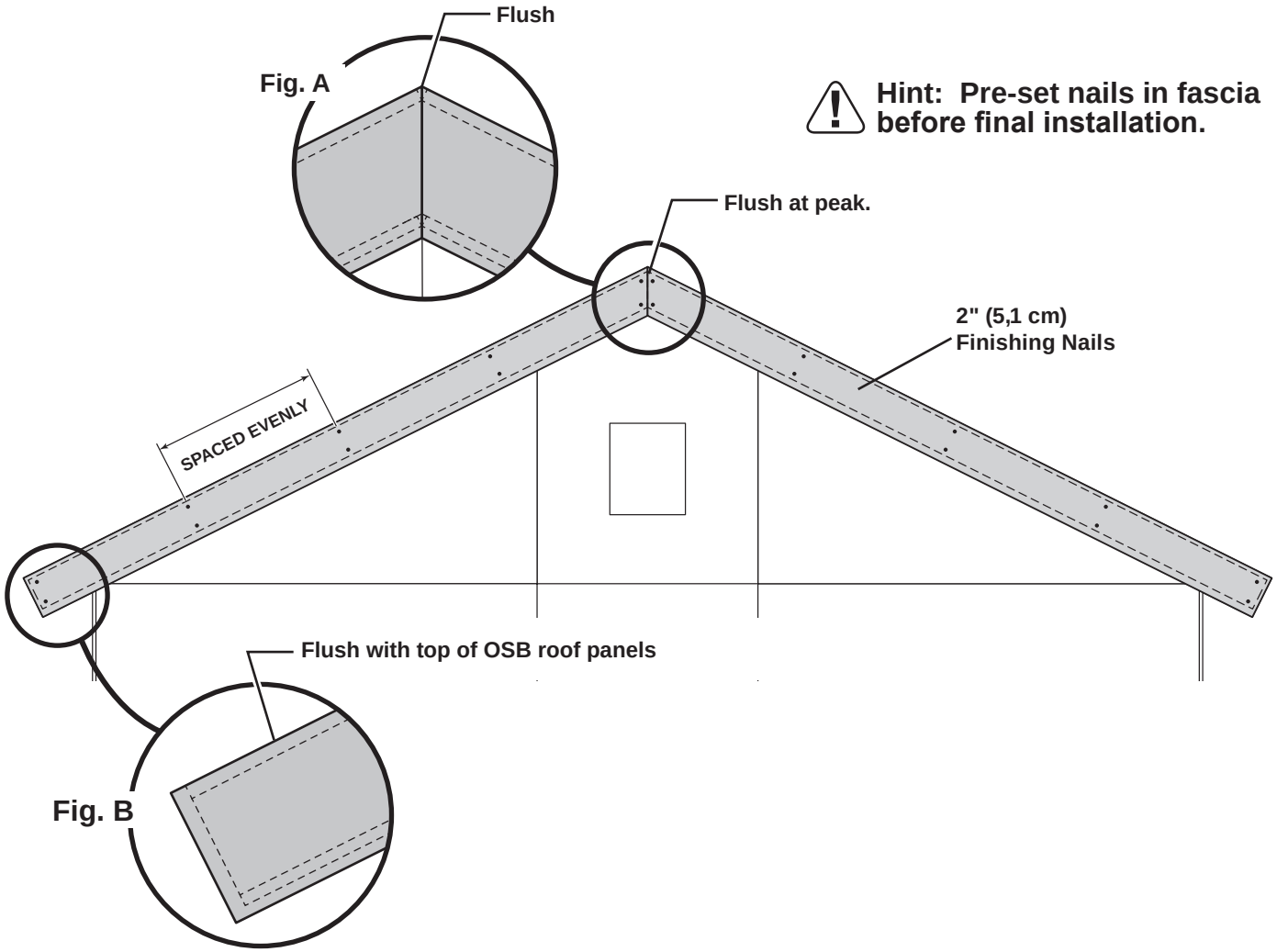
x40
2" (5,1 cm)



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.



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

FINISH

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 205,3 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.

****Eave fascia may need to be trimmed to fit****

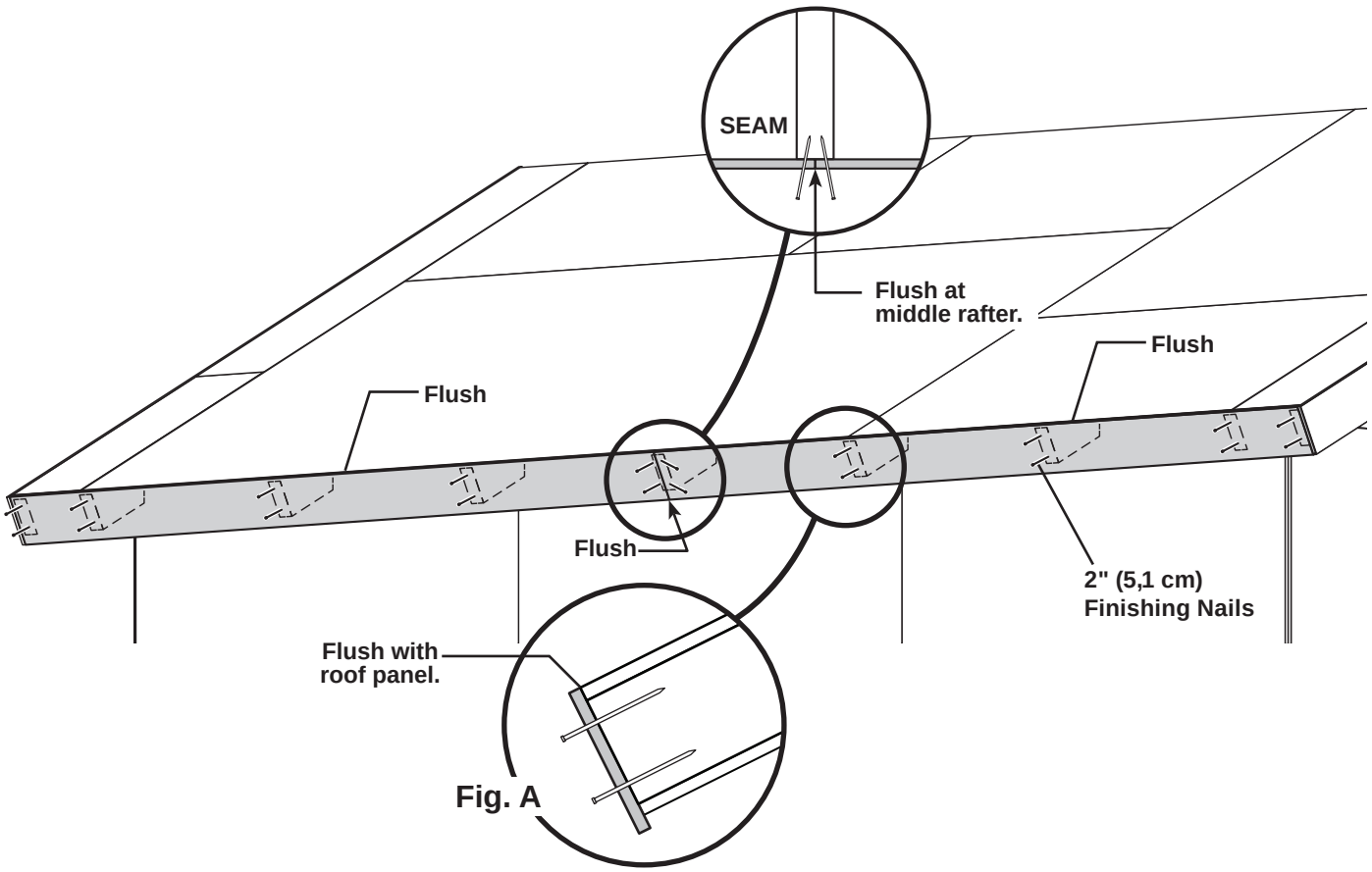


Fig. A

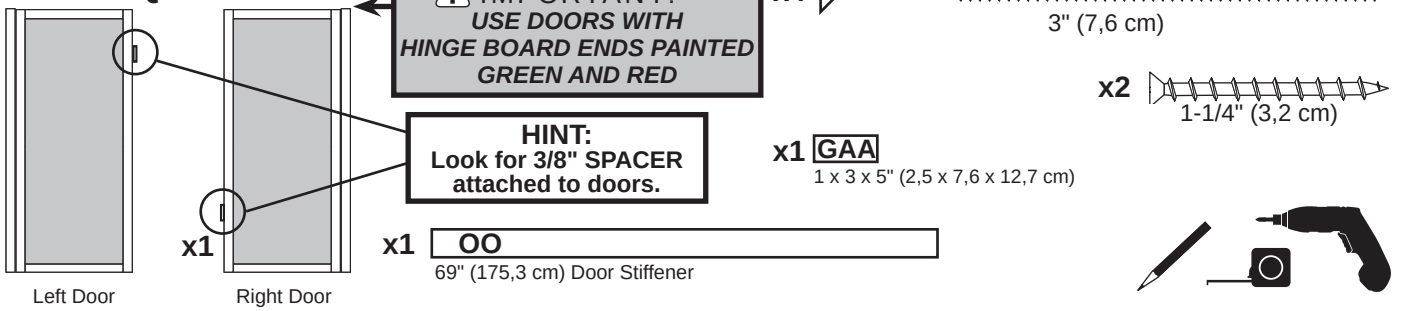
Repeat steps to install fascia on the opposite eave.

FINISH

Your eave side fascia boards are now installed.

DOUBLE DOORS - GABLE WALL

PARTS REQUIRED:

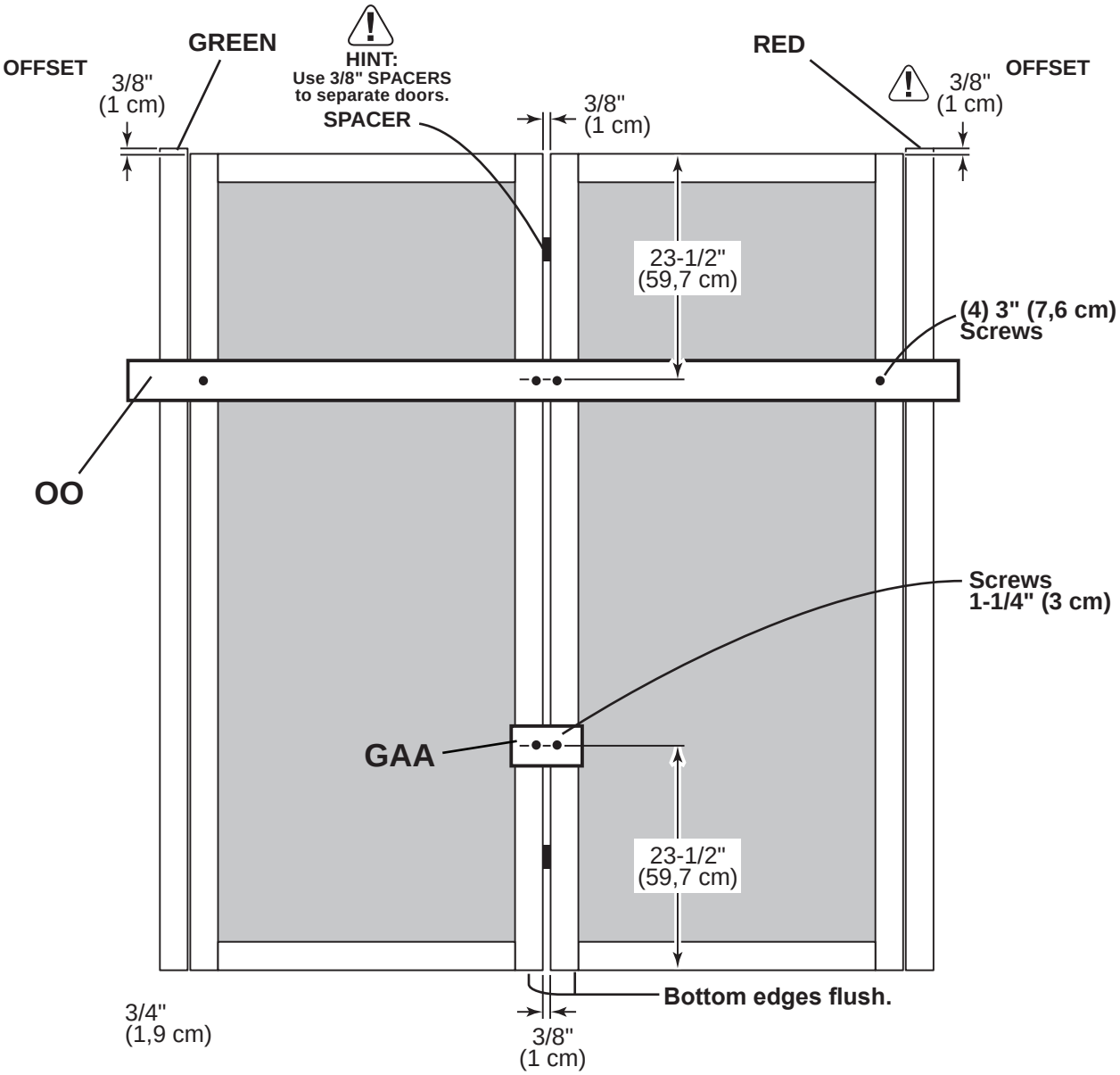


BEGIN

1. Orient 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.

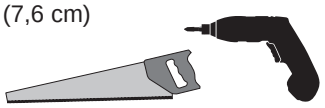


DOUBLE DOORS - GABLE WALL

PARTS REQUIRED:

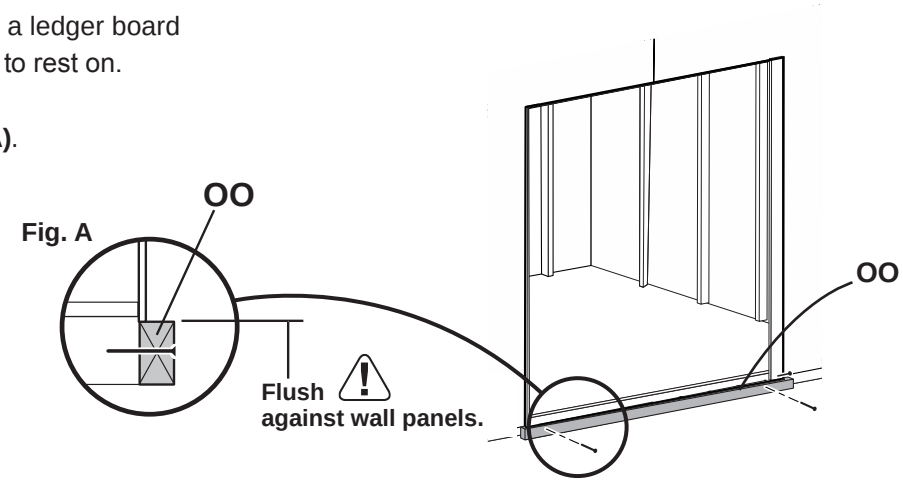
x1 OO
69" (175,3 cm) Door Stiffener

x12
3" (7,6 cm)



4 Install temporary support **OO** as a ledger board flush under wall panels for doors to rest on.

Secure with (3) 3" screws **(Fig. A)**.



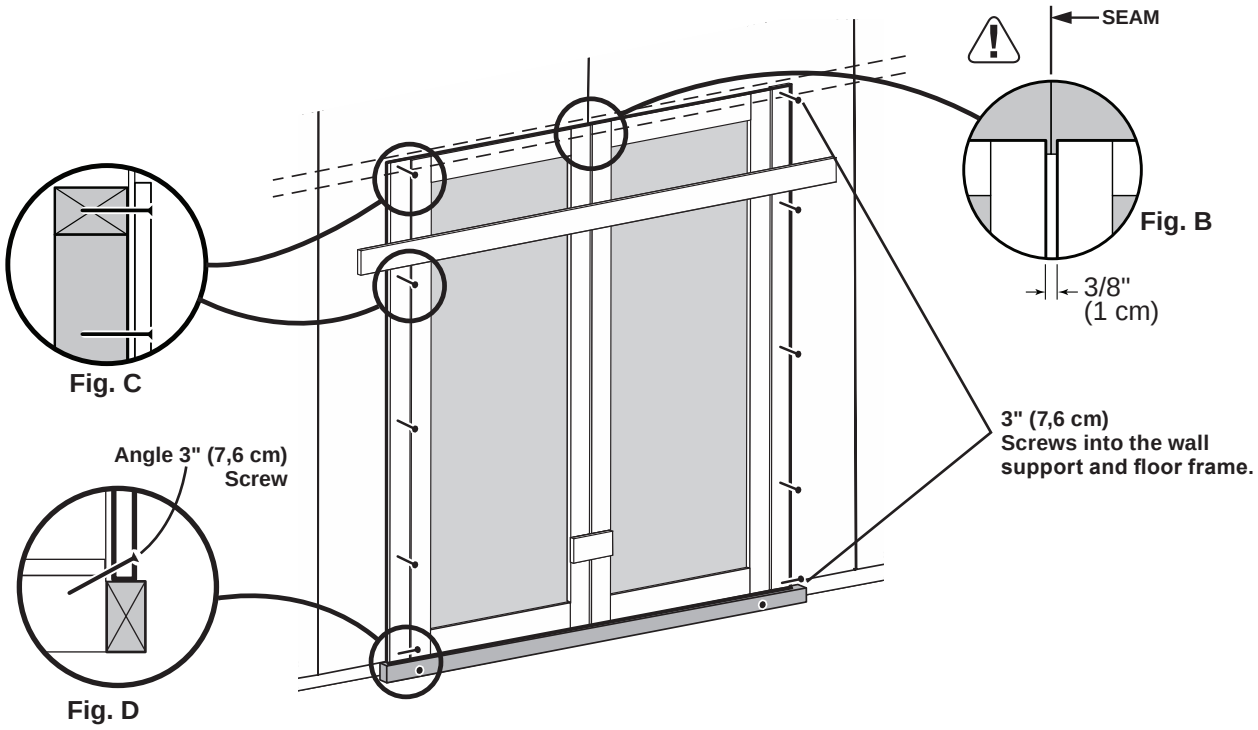
5 Center doors on panel seam, as shown **(Fig. B)**.

⚠ **Check ledger board is still flush under panels.**

6 Fasten hinge boards to wall supports and floor with (10) 3" screws, as shown.

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

Remove temporary supports and check doors open properly.



FINISH

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)

3/4" (1,9 cm) x11
Bagged separately / special coating

x1 64" Metal Threshold

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.

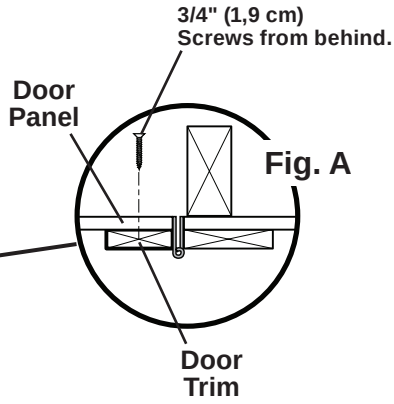


Fig. A

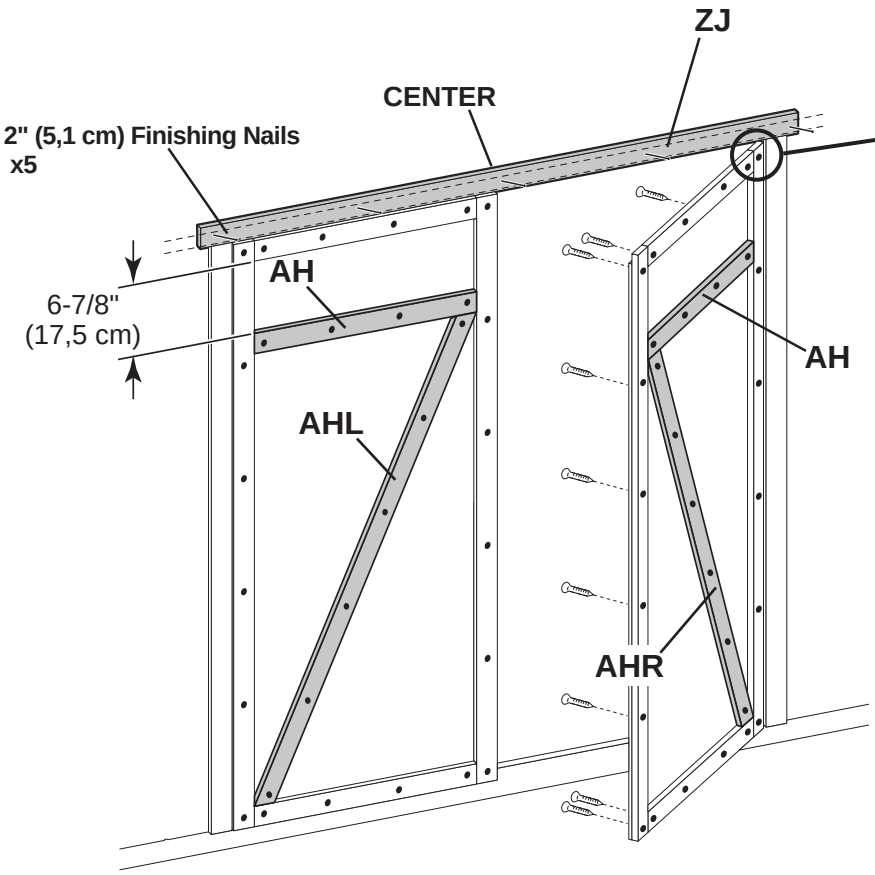
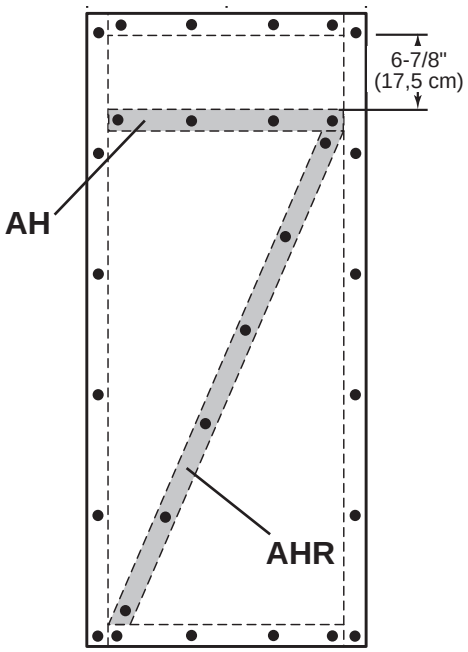


Fig. B



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

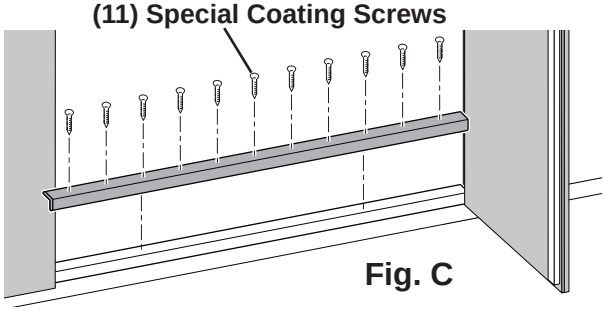


Fig. C

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

1 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.

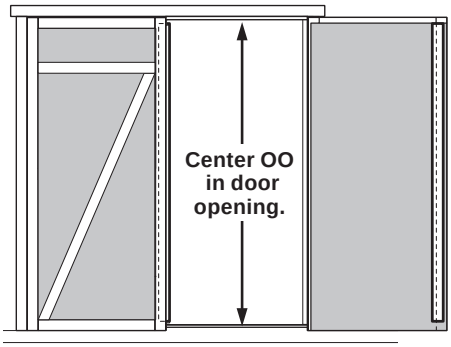


Fig. A

IT IS IMPORTANT TO HOLD THESE DIMENSIONS

Fig. B

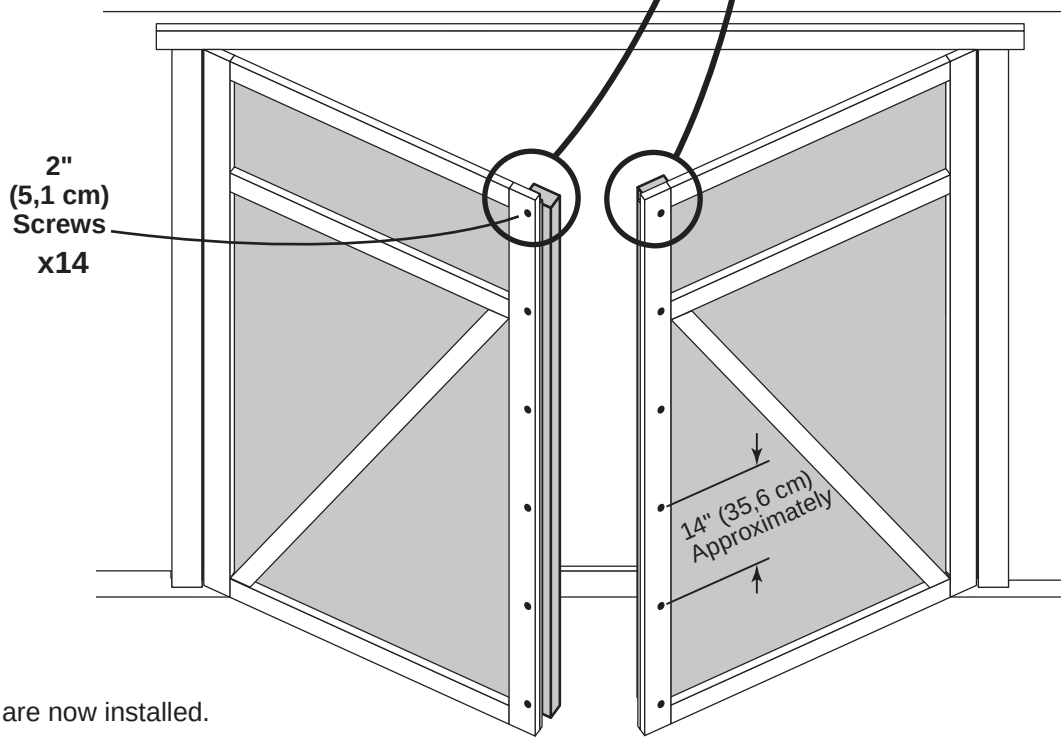
OO x2

1" (2,5 cm)

1" (2,5 cm)

OFFSET

Screws 2" (5,1 cm)

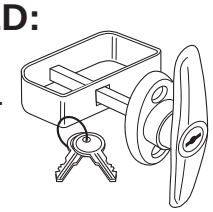


FINISH

Your door stiffeners are now installed.

DOUBLE DOOR HARDWARE

PARTS REQUIRED:

x1 

x1 
5-1/2" Shaft

x2 
1-1/2" (3,8 cm)

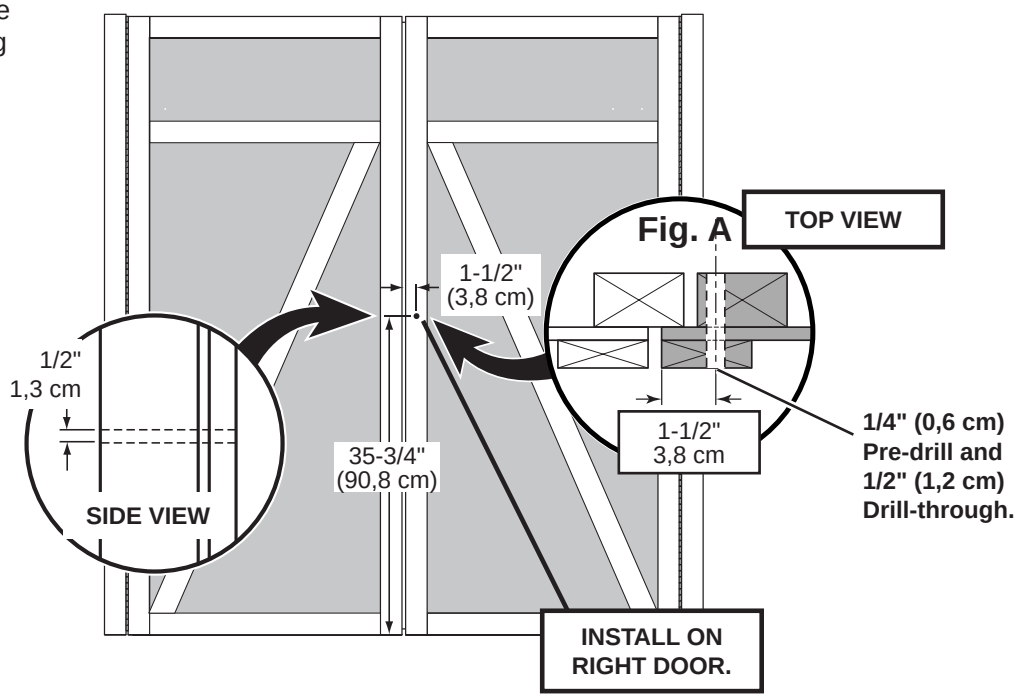

1/4" (0,6 cm)
1/2" (1,3 cm)
Drill Bits

BEGIN

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

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.

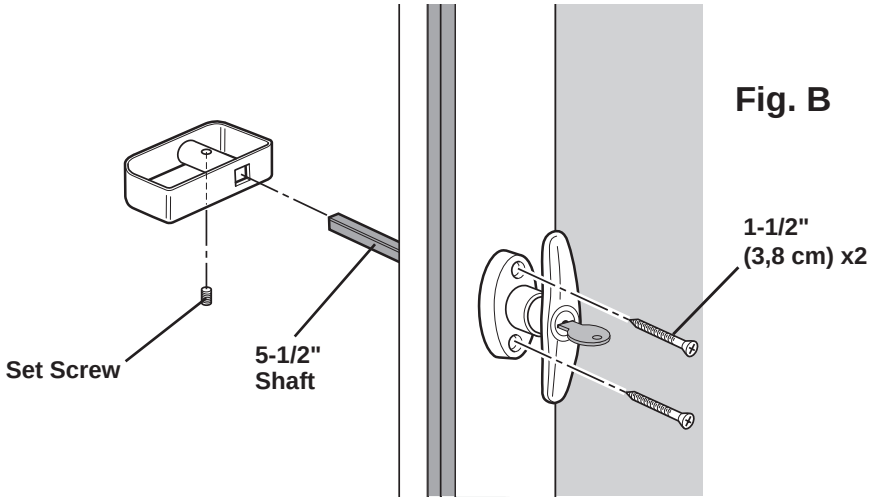


Fig. B

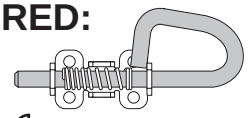
FINISH

Your door handle is now installed

DOUBLE DOOR HARDWARE

PARTS REQUIRED:

x2



x8

1" (2,5 cm)

5/16" (0,8 cm) Drill Bit

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.

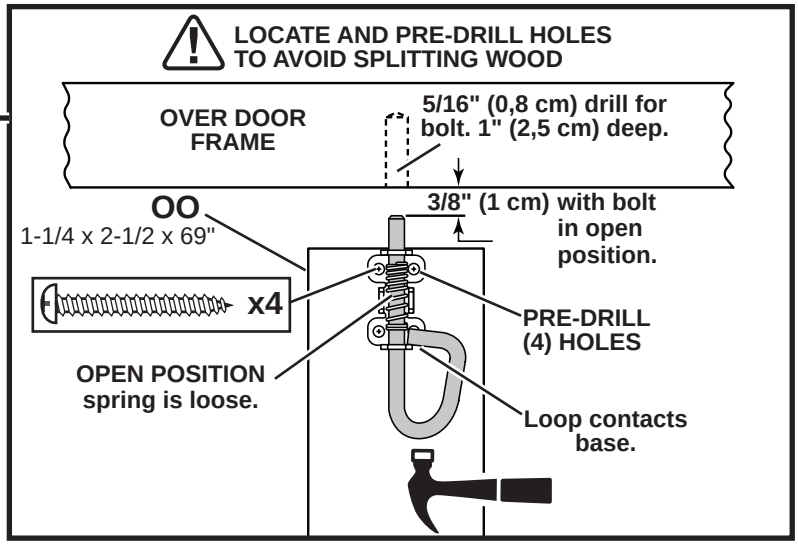
3. Place bolts onto **OO** in open position with bolt ends 1/2" (1,3 cm) up from floor. Bolt is open when loop is contacting base **(Fig B)**.

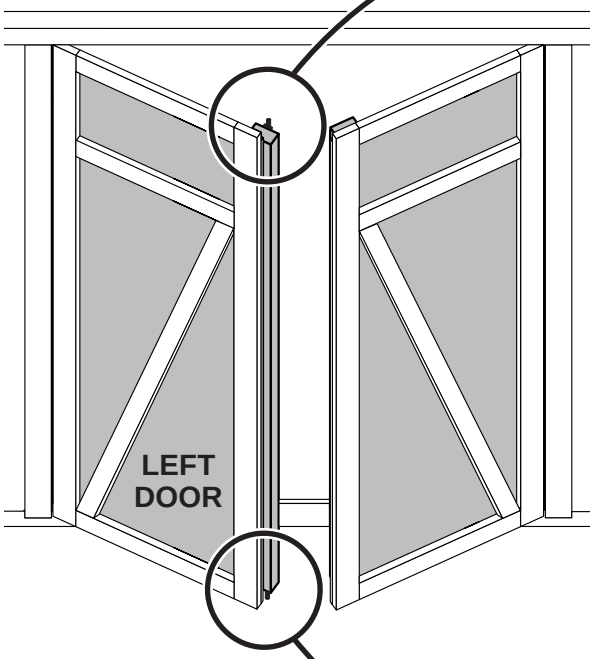
   Mark and pre-drill holes for screws.

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





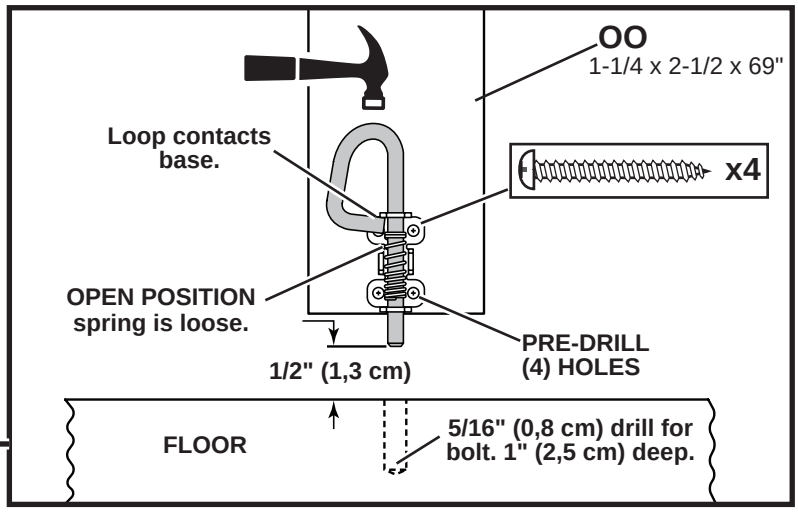


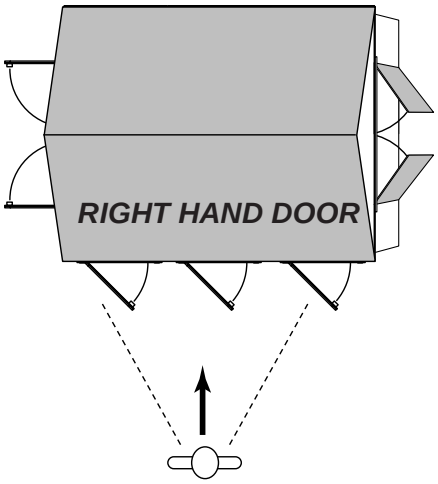
Fig. B

FINISH

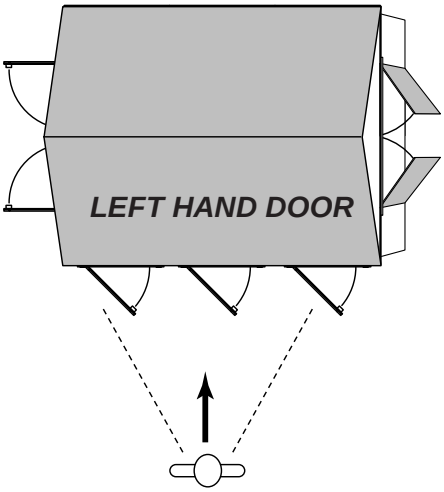
Your spring bolts are now installed.

STOP

CHOOSE YOUR SINGLE DOOR OPENING DIRECTION -
Right Hand (R.H.) or Left Hand (L.H.)



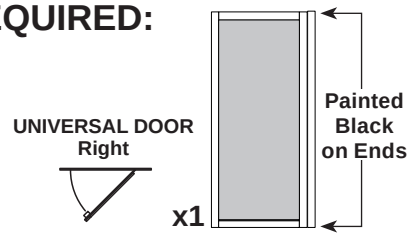
IF YOU CHOOSE TO HAVE YOUR DOOR SWING OPEN TO THE RIGHT
GO TO Page 57.

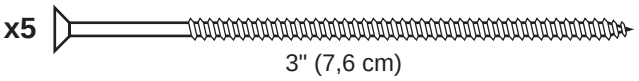


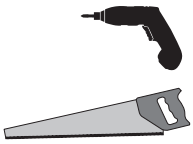
IF YOU CHOOSE TO HAVE YOUR DOOR SWING OPEN TO THE LEFT
GO TO Page 61.

EAVE WALL R.H. DOOR

PARTS REQUIRED:





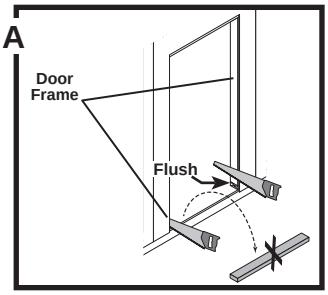


BEGIN

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!***

Fig. A



2 Install door with black-painted hinge board.

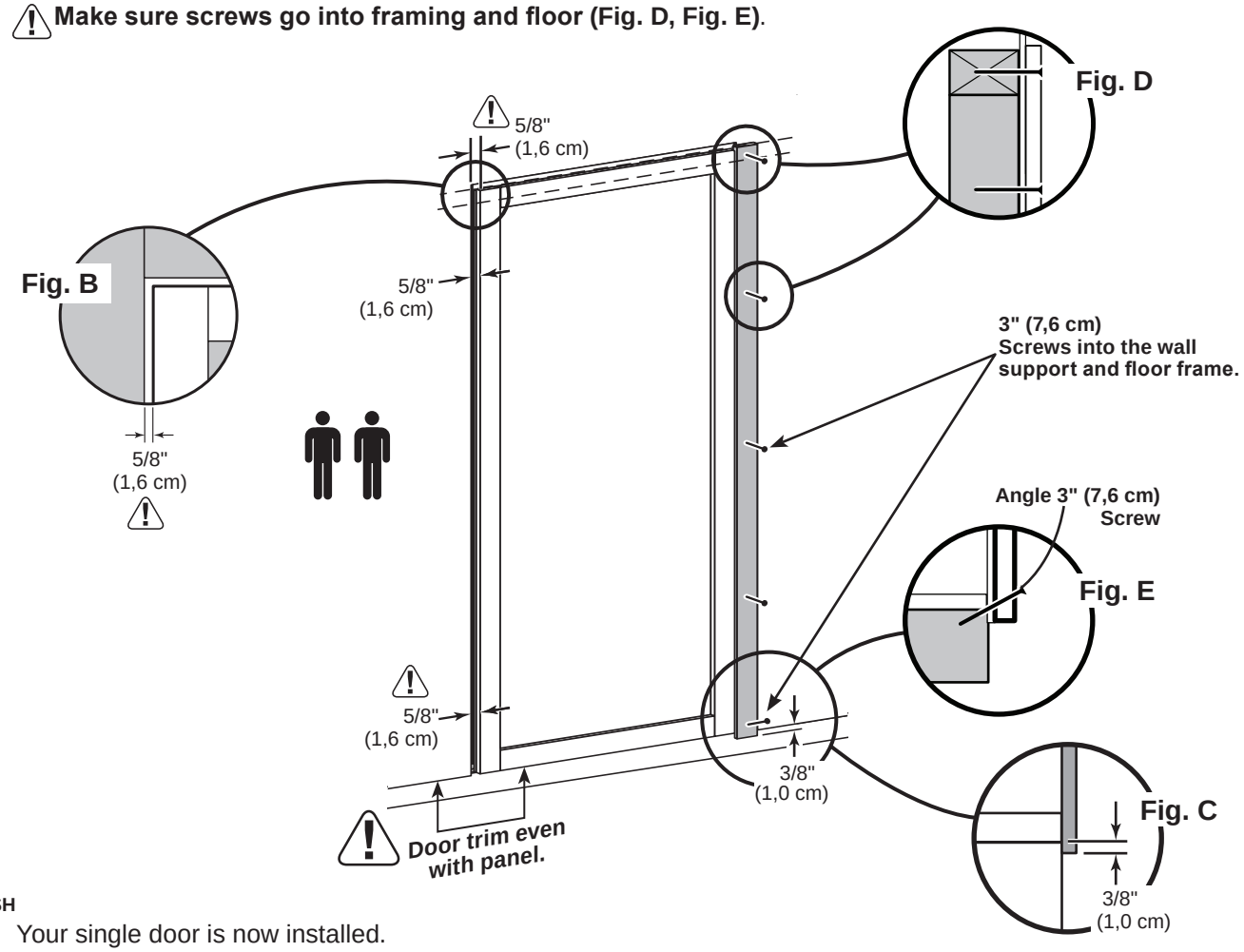
3 Center door in wall panel opening.
Hold door in position and keep level.

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 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)**.



FINISH

Your single door is now installed.

EAVE WALL R.H. DOOR - TRIM

PARTS REQUIRED:

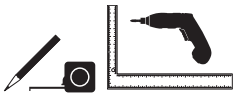
x1 **AH**
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)

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)**.

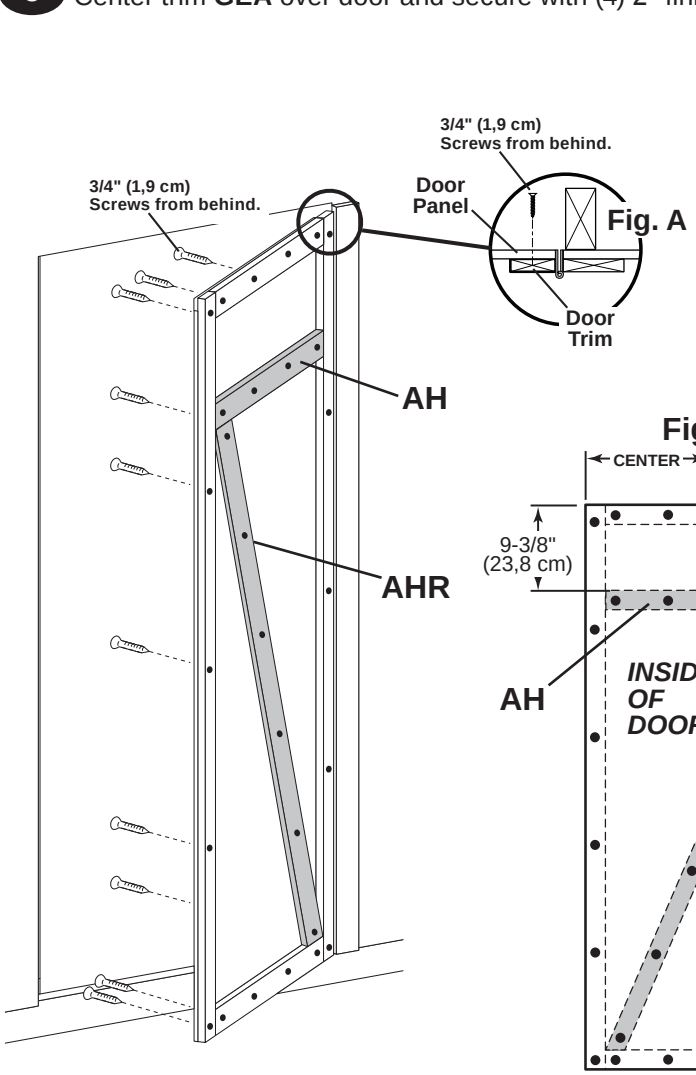
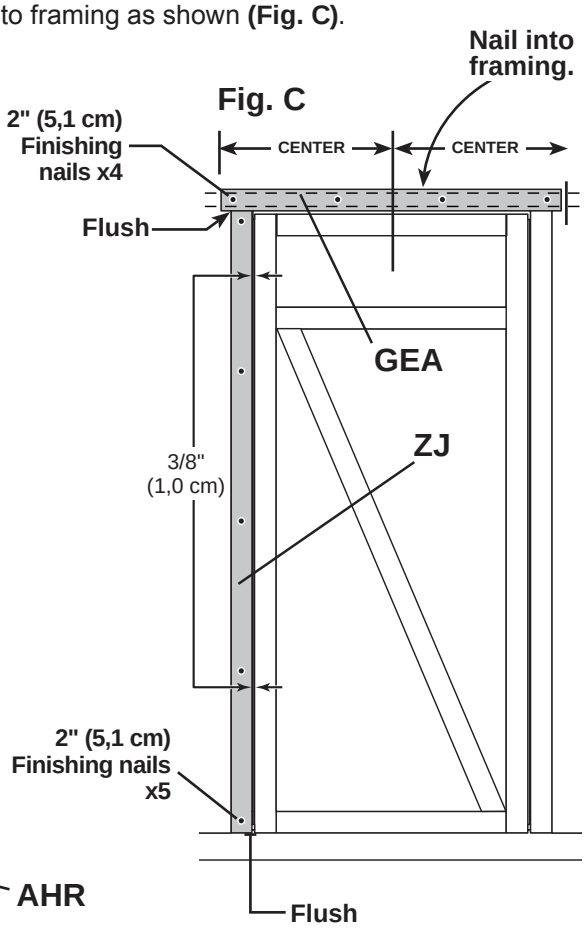


Fig. A

Fig. B

Fig. C



FINISH

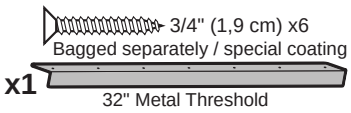
Your door trim is now installed.

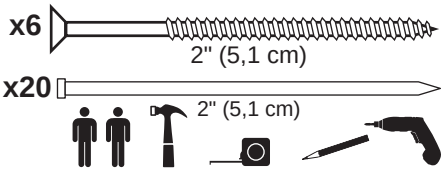
EAVE WALL - R.H. DOOR STIFFENER/ THREshold/ WEATHER STRIP

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)

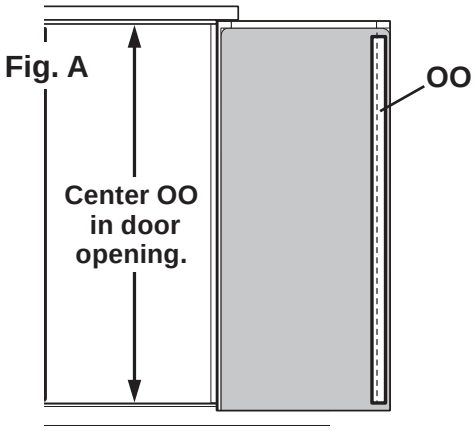


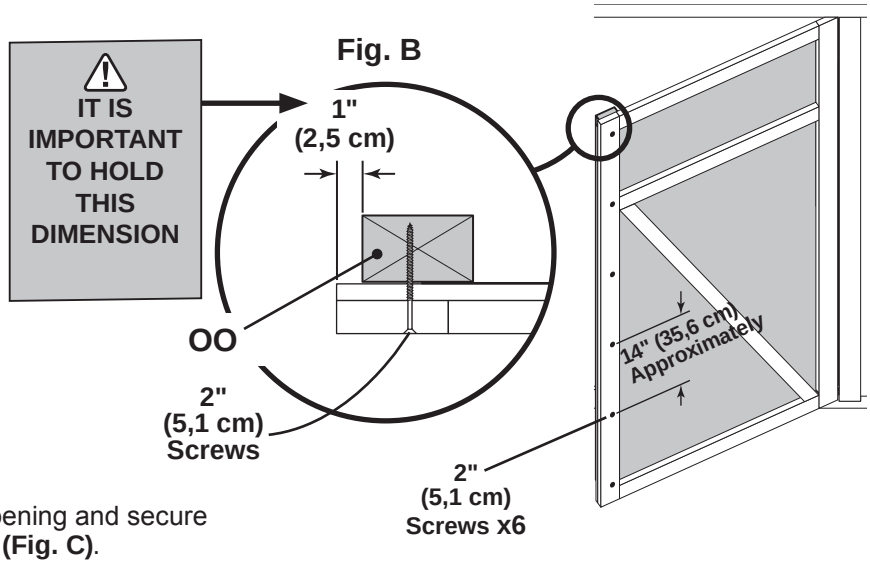


BEGIN

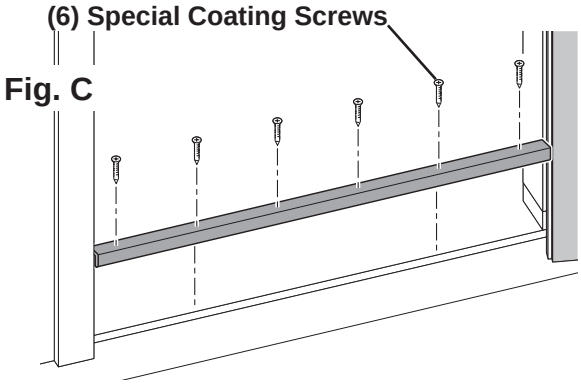
1 Center **OO** vertically on door in the door opening **(Fig. A)** 1" from edge of door **(Fig. B)**.

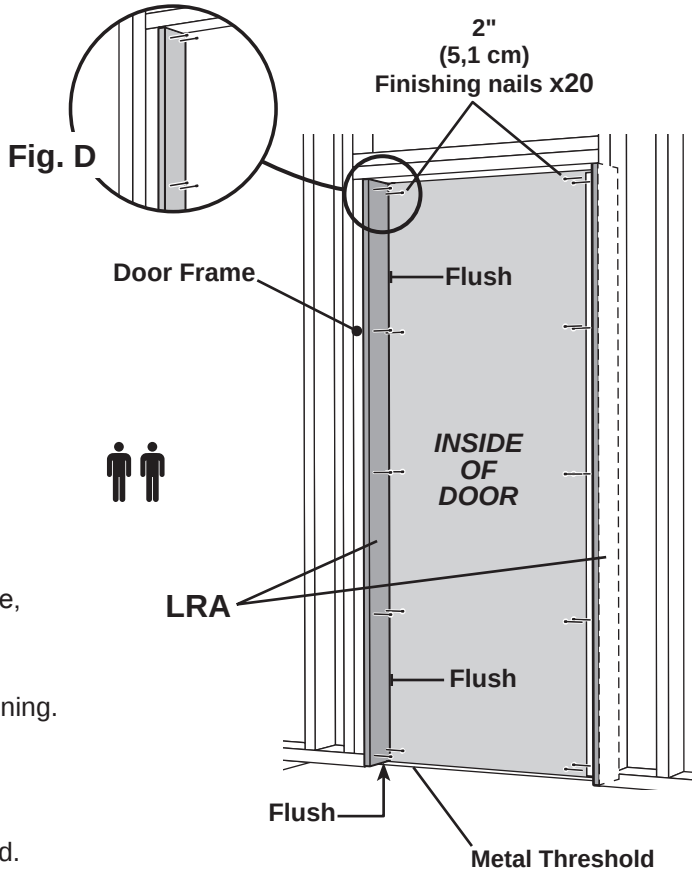
Secure with (6) 2" screws through outside trim into **OO (Fig. B)**





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.

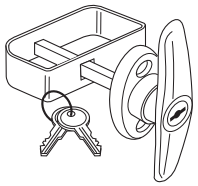
FINISH

Your weatherstrip and threshold have now been installed.

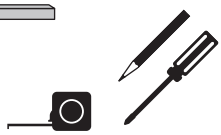
EAVE WALL R.H. DOOR HARDWARE

PARTS REQUIRED:

x2  1-1/2" (3,8 cm)

x1 

x1  5-1/2" Shaft



1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

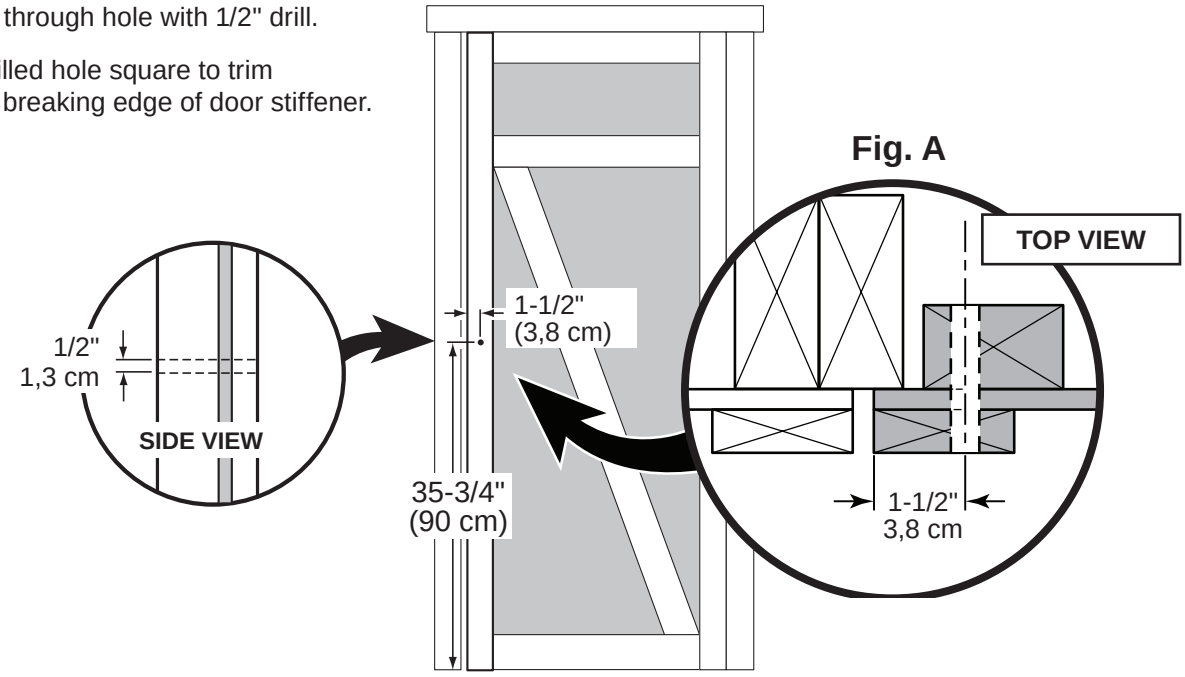
BEGIN

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

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

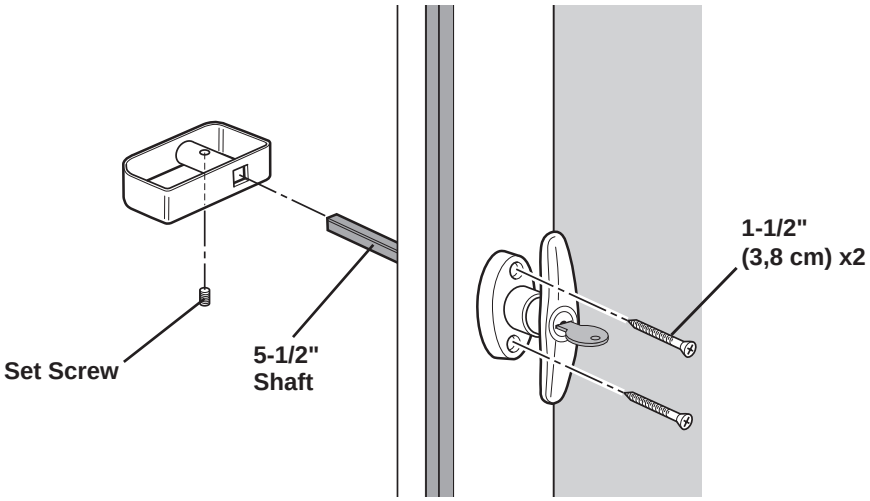
Keep drilled hole square to trim
to avoid breaking edge of door stiffener.

Fig. A



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.

Fig. B



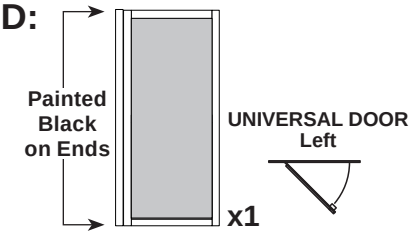
FINISH

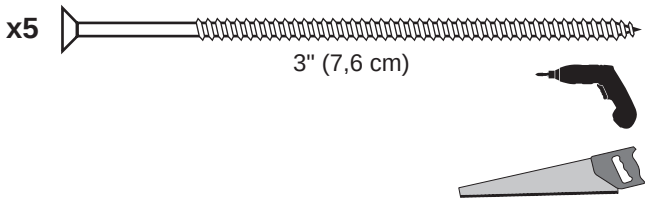
Your door handle is now installed.

Go to page 65.

EAVE WALL L.H. DOOR

PARTS REQUIRED:

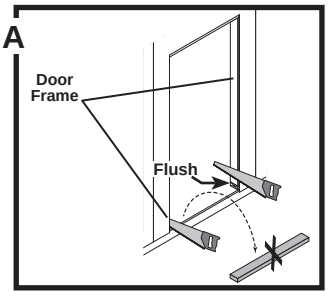




BEGIN

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.

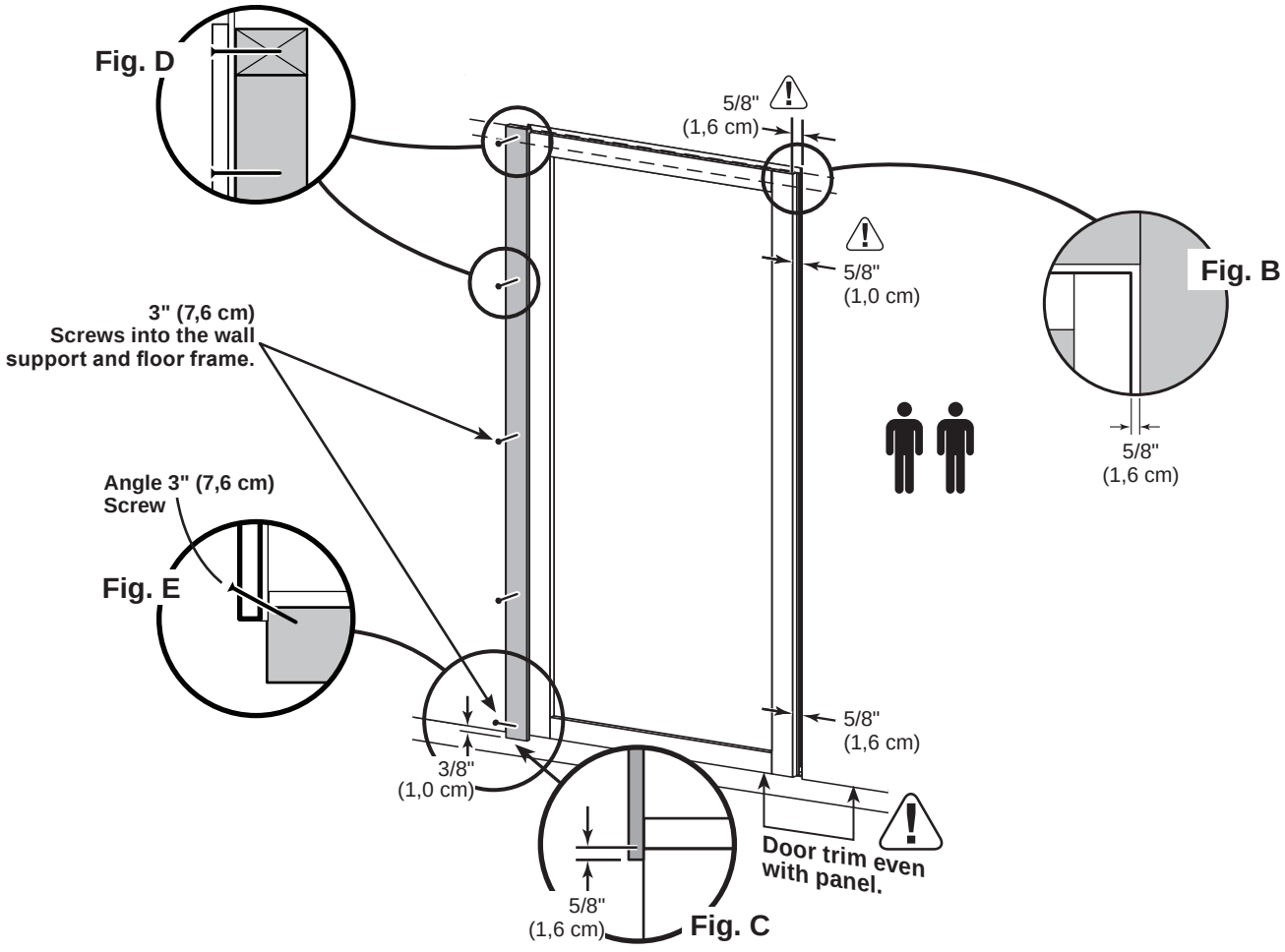
3 Center door in wall panel opening.
Hold door in position and keep level.

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)**.



FINISH

Your single door is now installed.

EAVE WALL L.H. DOOR - TRIM

PARTS REQUIRED:

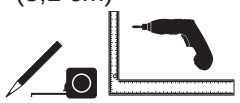
x1 AH
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)

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

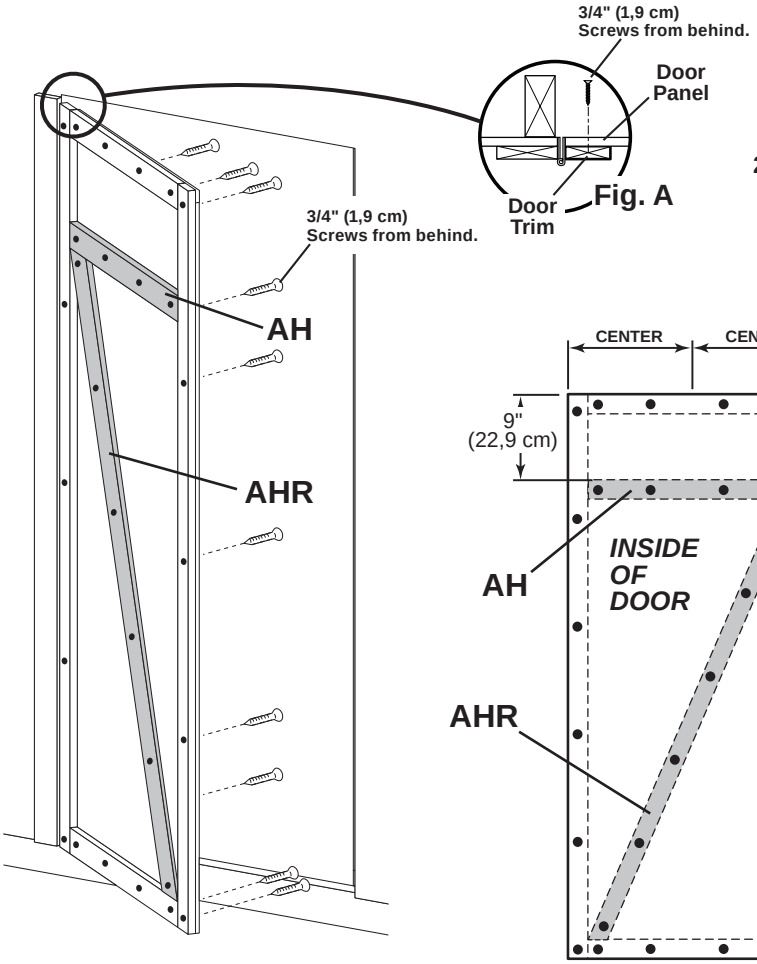
1. Install upper door trim **AH** and secure with (4) 3/4" screws from inside of door.

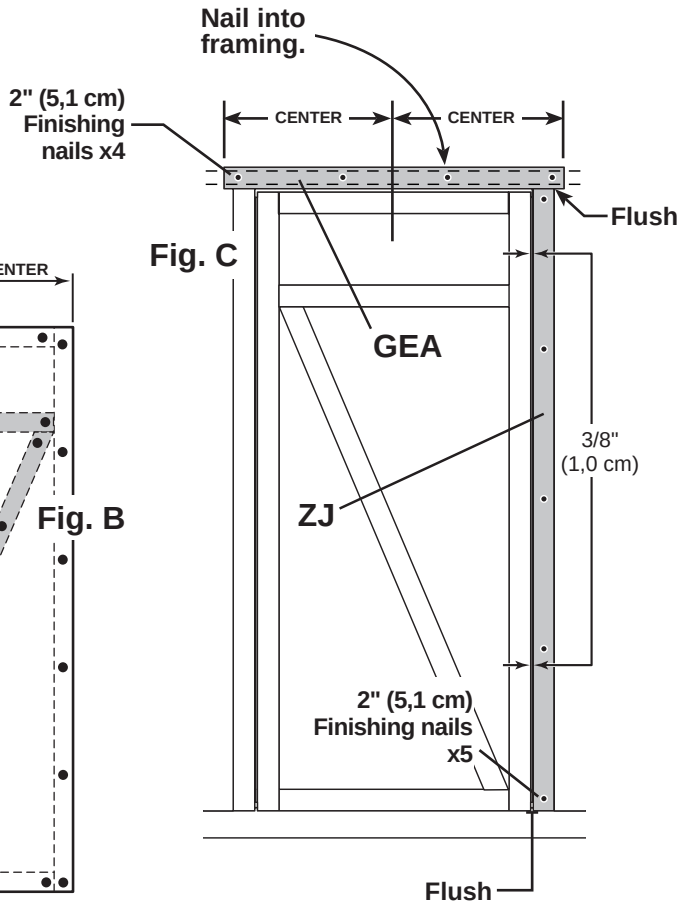
2. Install **AHR** flush to installed door trim **AH** and secure with 3/4" screws from inside of door. **(Fig. B)**.

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

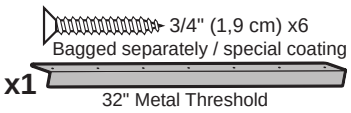
Your door trim is now installed.

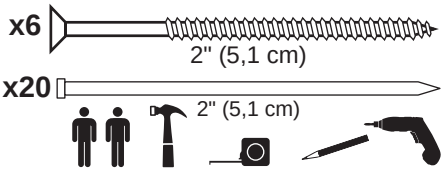
EAVE WALL - L.H. DOOR STIFFENER/ THRESHOLD/ WEATHER STRIP

PARTS REQUIRED:

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

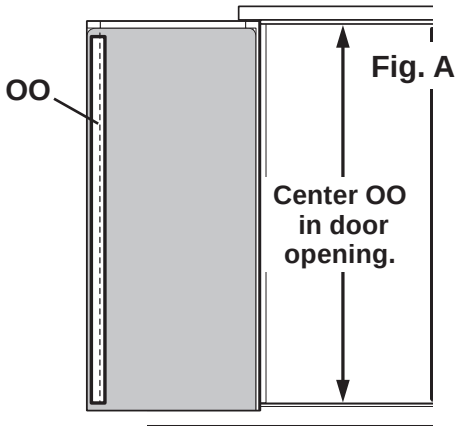
x2 **LRA**
1 x 4 x 69-3/4" (2,5 x 10,2 x 177,2 cm)

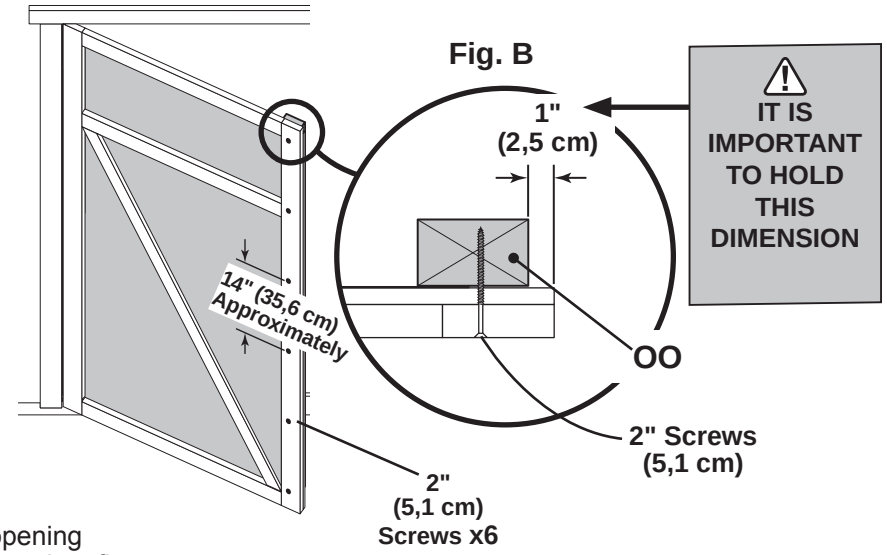




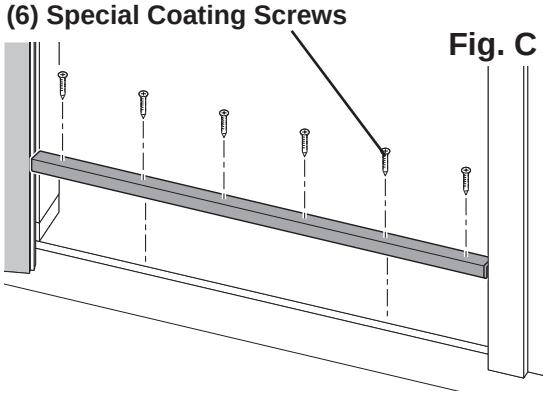
BEGIN

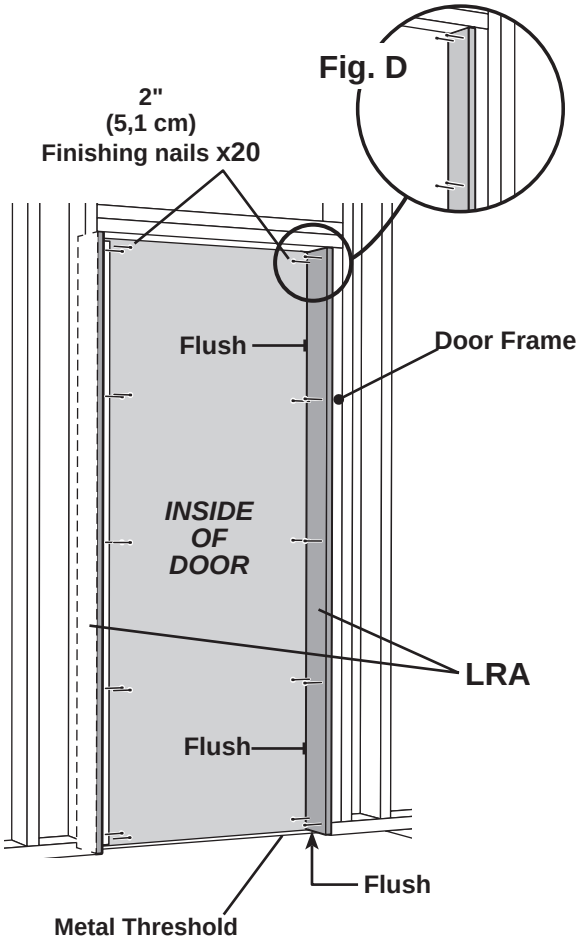
1 Center **OO** vertically on door in the door opening **(Fig. A)** 1" from edge of door **(Fig. B)**.
Secure with (6) 2" screws through outside trim into **OO (Fig. B)**





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** with 2" finishing nails into right door frame, as shown.

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

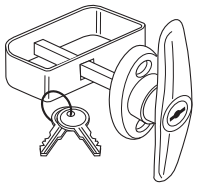
FINISH

You have finished installing your weatherstrip and threshold.

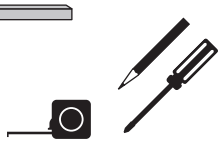
EAVE WALL L.H. - DOOR HARDWARE

PARTS REQUIRED:

x2 
1-1/2" (3,8 cm)

x1 

x1 
5-1/2" Shaft



1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

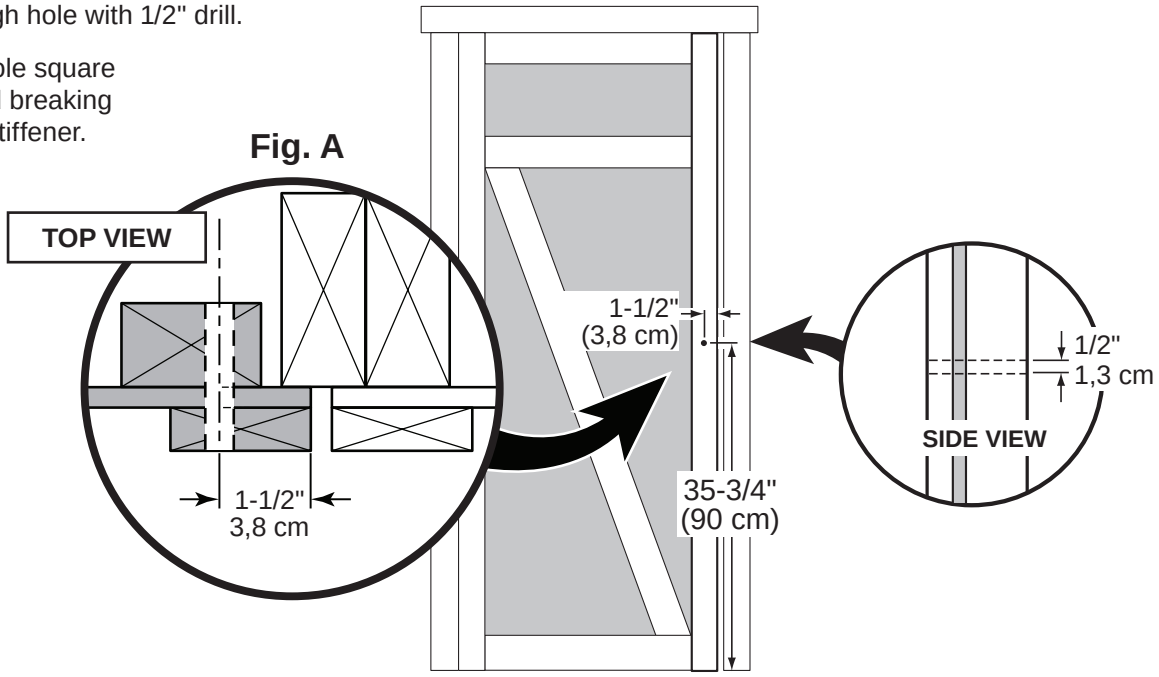
BEGIN

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

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

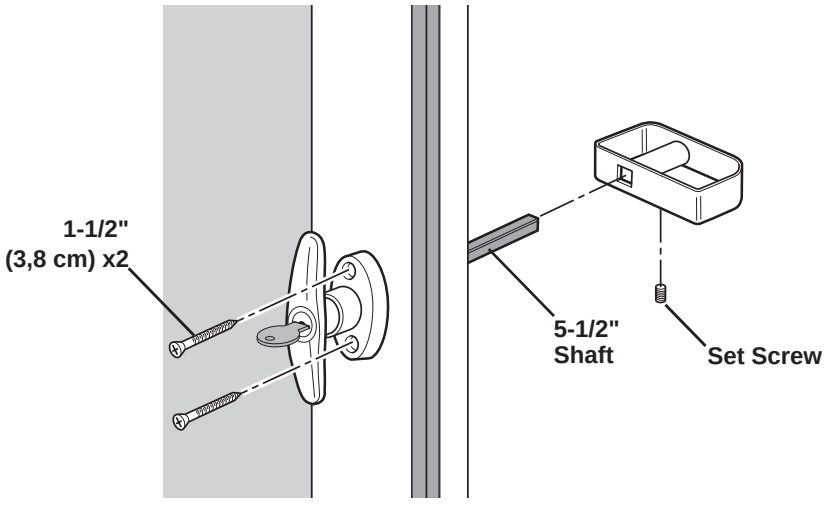
Keep drilled hole square to trim to avoid breaking edge of door stiffener.

Fig. A



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.

Fig. B



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)

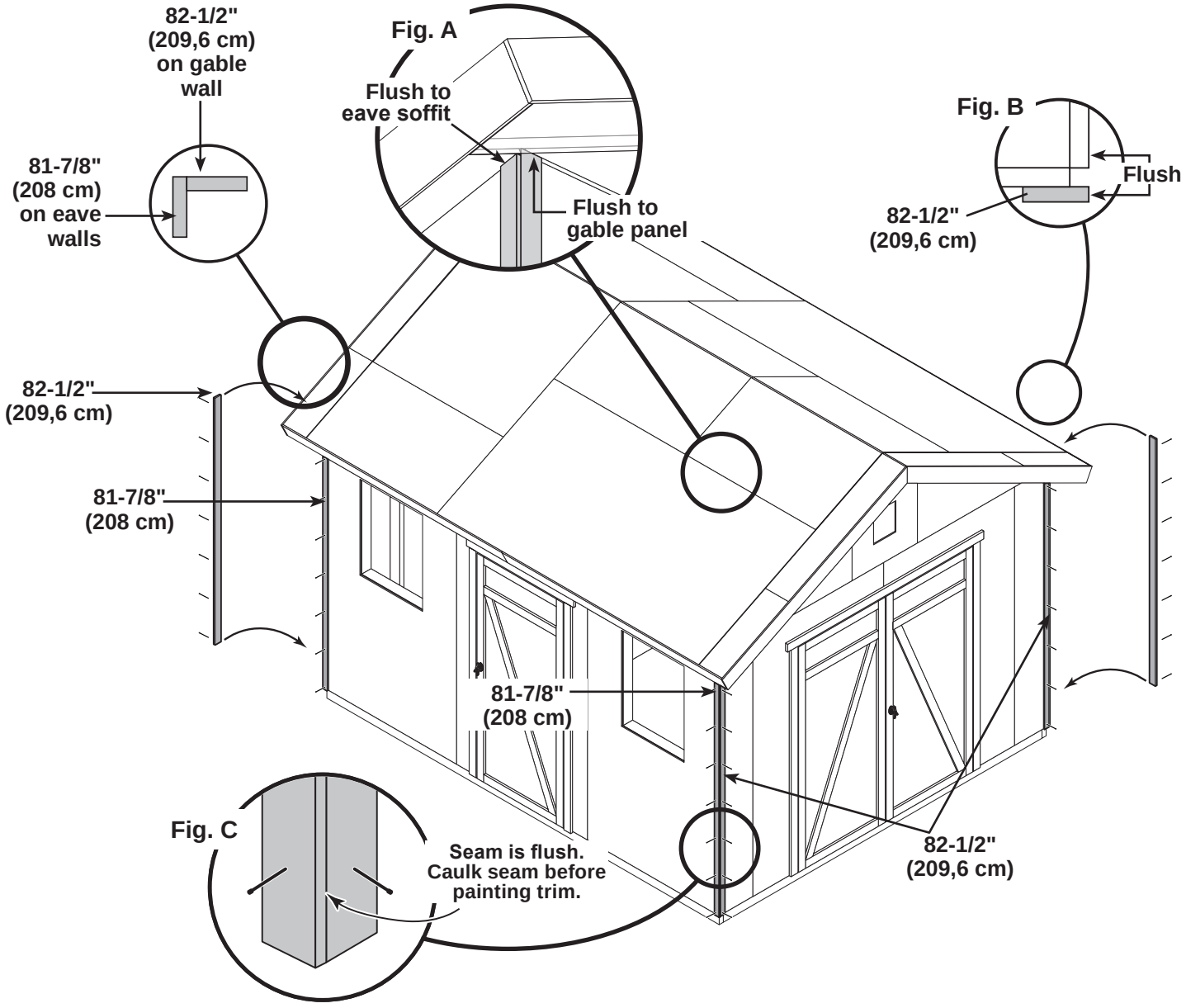
x4 3/8 x 1-3/4 x 81-7/8" (1 x 4,4 x 208 cm)

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.

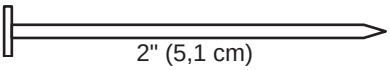
FINISH

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)

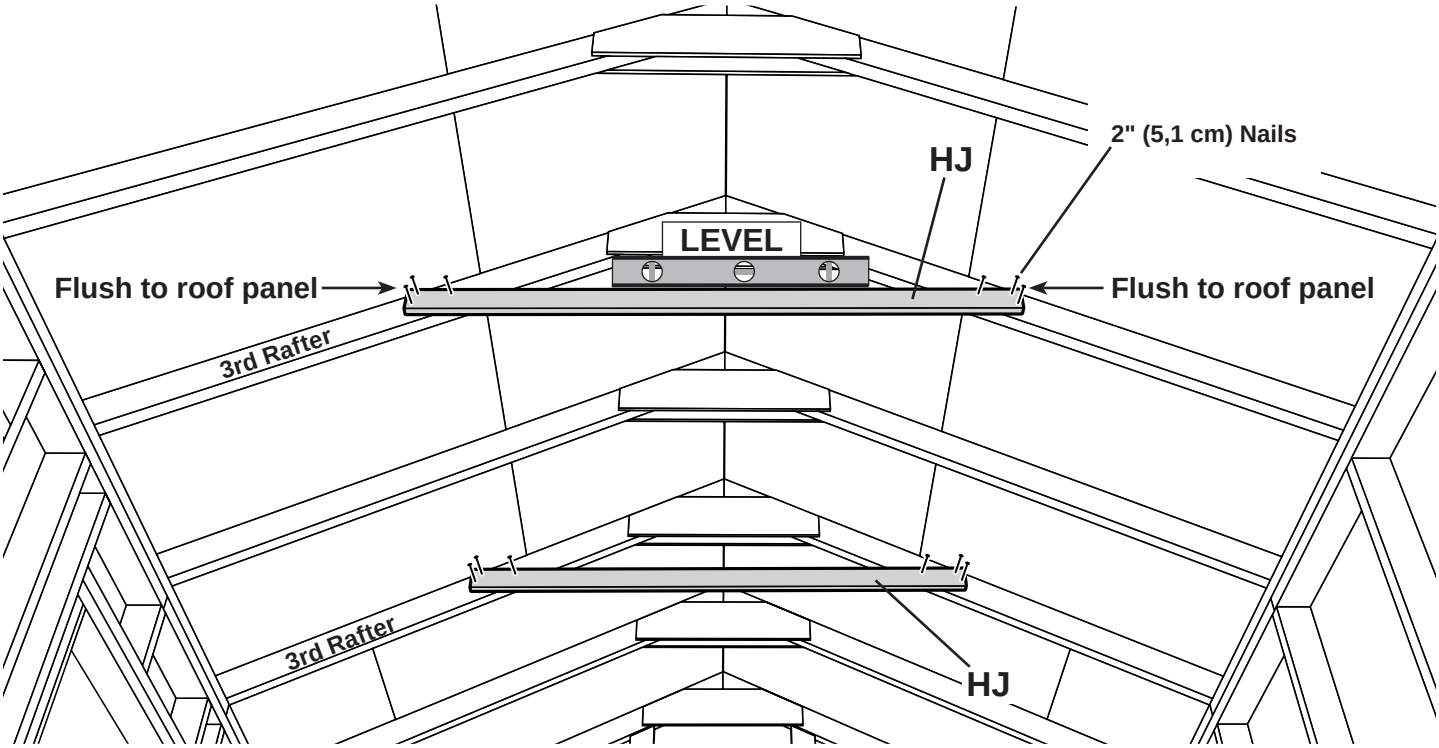




BEGIN

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.

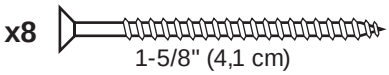


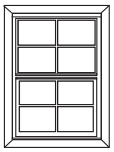
FINISH

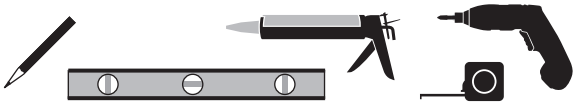
Your collar ties are now installed.

WINDOWS AND WINDOW TRIM

PARTS REQUIRED:

x8 
1-5/8" (4,1 cm)

x2 
Window



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.

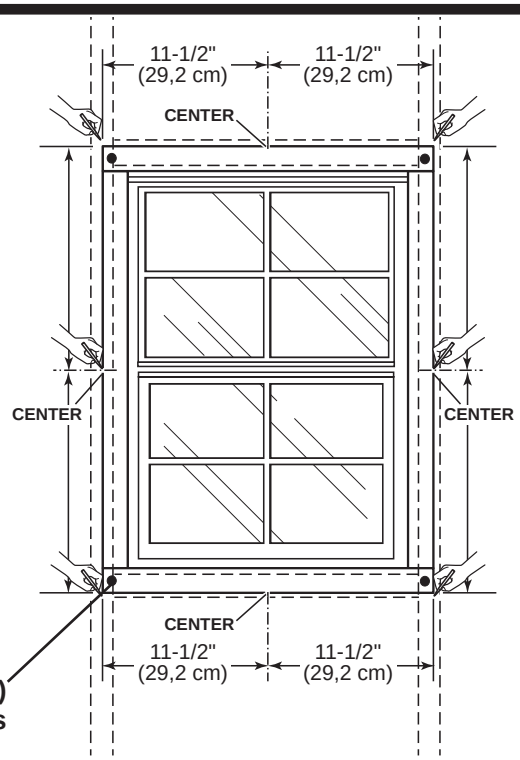
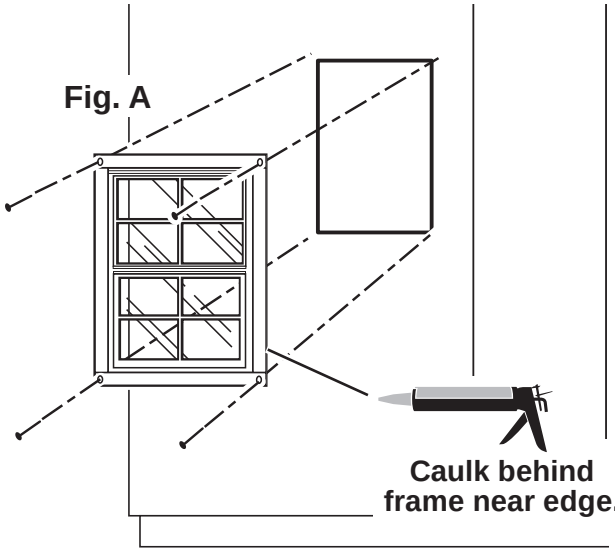


Fig. A



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)

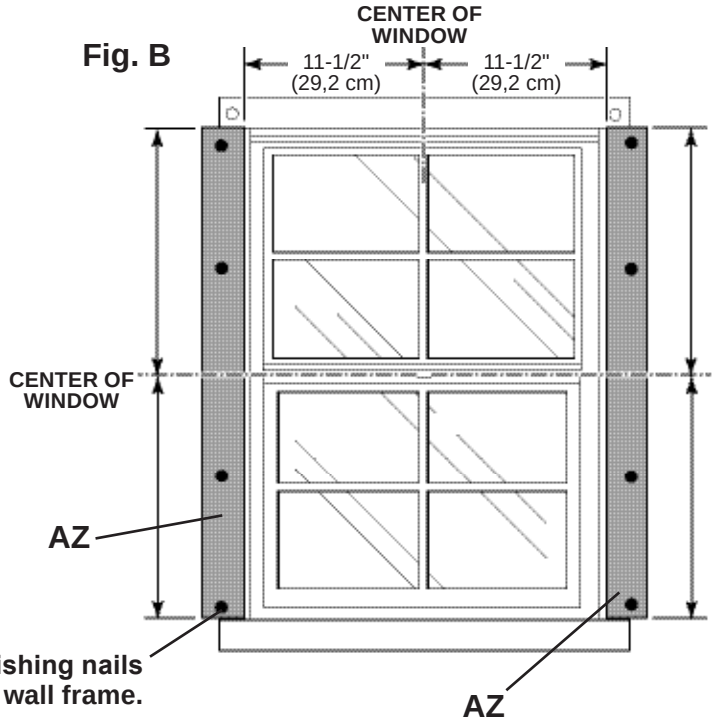
x32 2" (5 cm)

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.

Fig. B

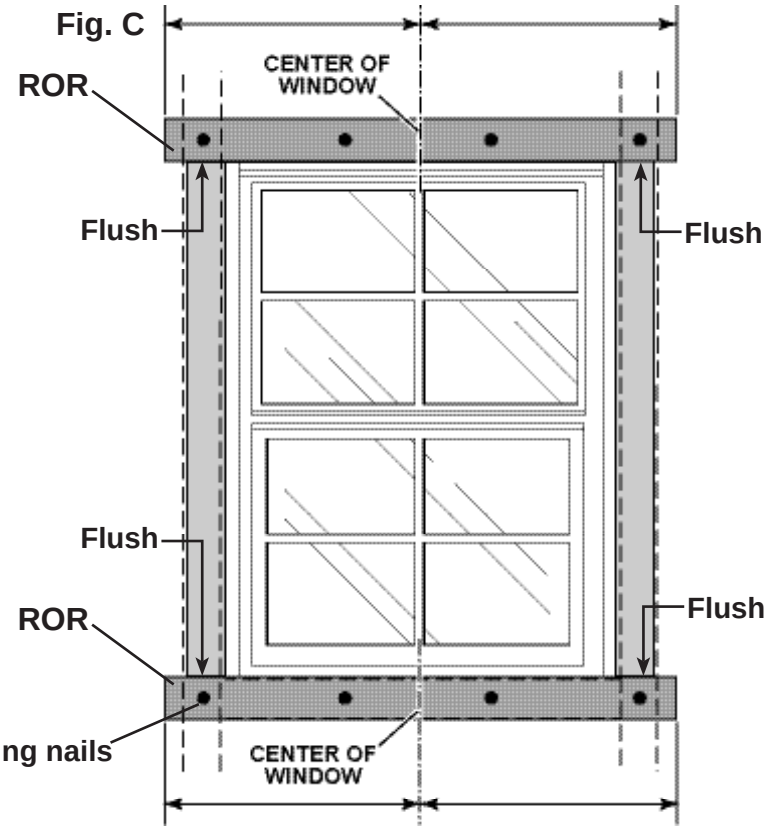


6 Place **ROR** flush to **AZ (Fig. C)** and center trim horizontally on window.

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

Repeat to install other **ROR**.

Fig. C



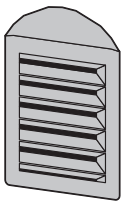
Repeat steps 5 - 6 to install trim for the second window.

FINISH

You have finished installing your windows and window trim.

GABLE VENTS

PARTS REQUIRED:



x2 #15021

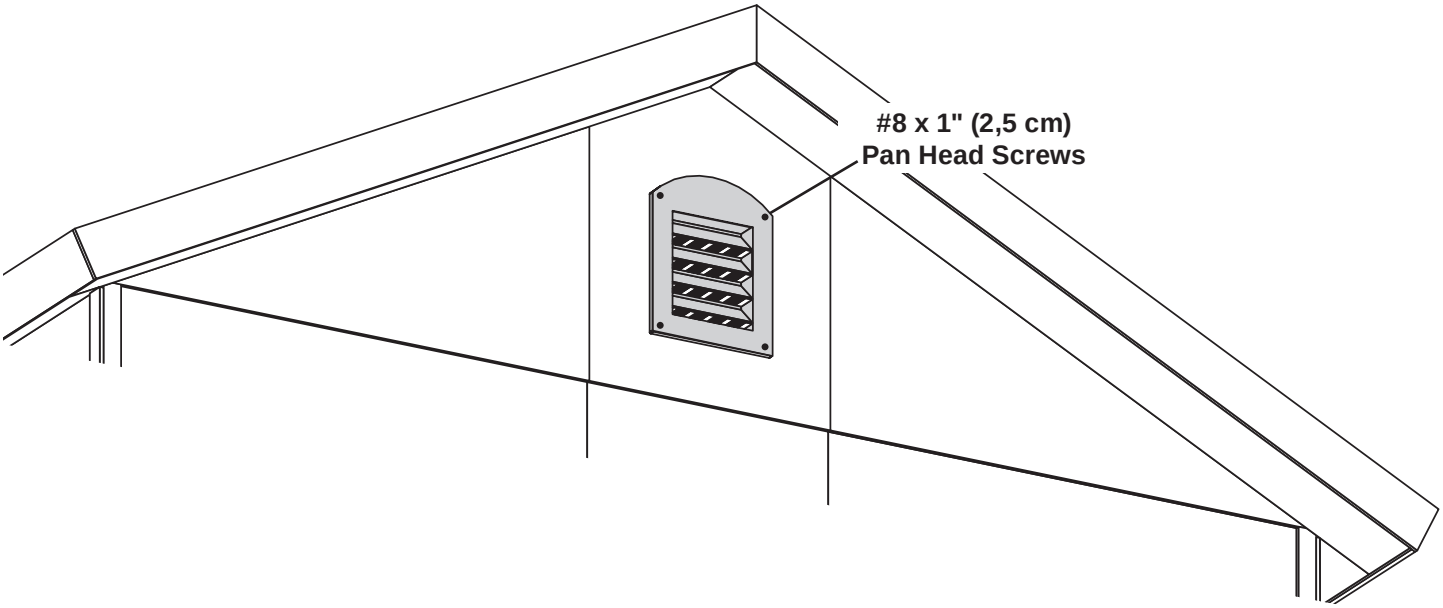
x8 
#8 x 1" (2,5 cm)
Pan Head Screws

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 -

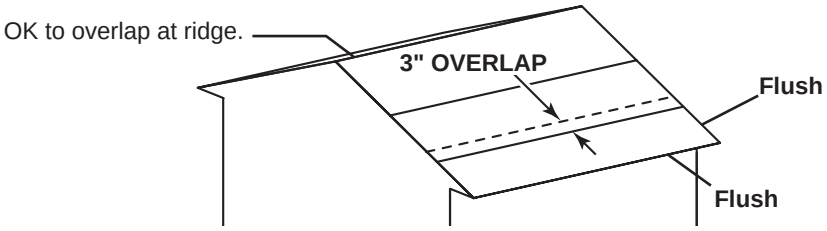
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.

- 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

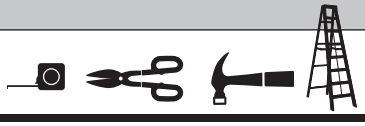
Note:
Prime all un-primed exterior wood before painting.
(Follow directions provided by manufacturer.)

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.

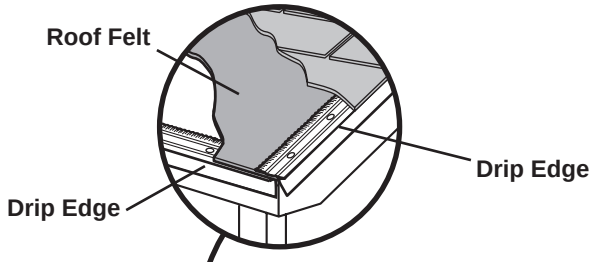


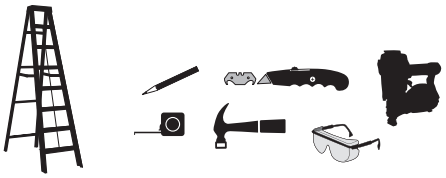
Fig. A

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

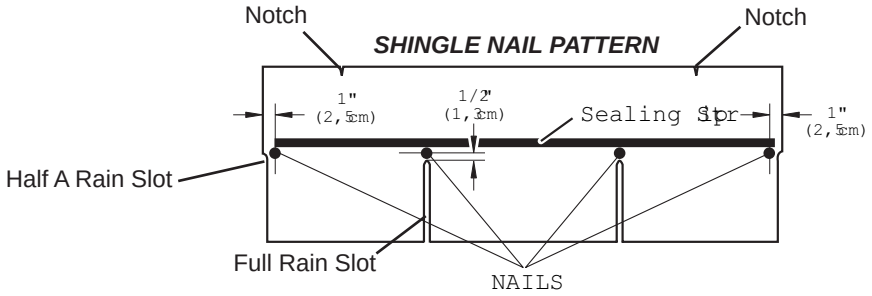
(Follow directions provided by manufacturer.)

SHINGLES
- NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.



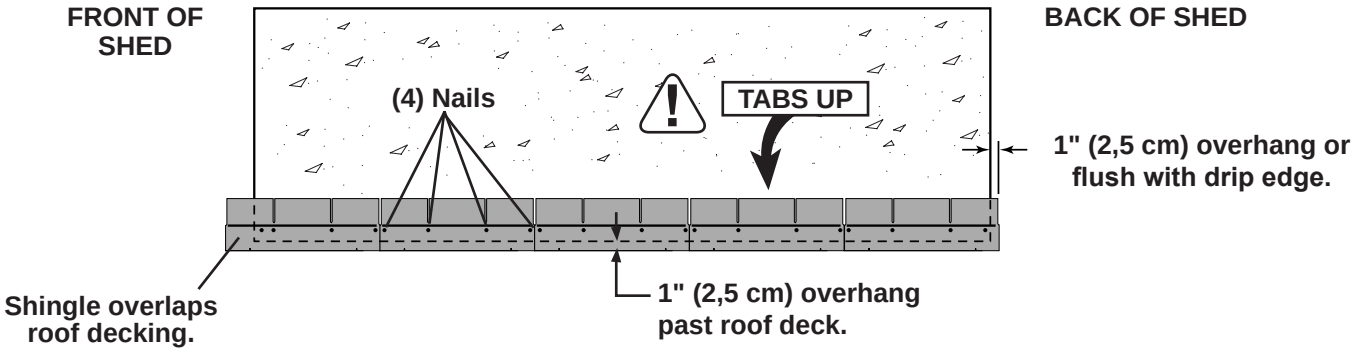
Familiarize yourself with a 3-Tab Shingle.



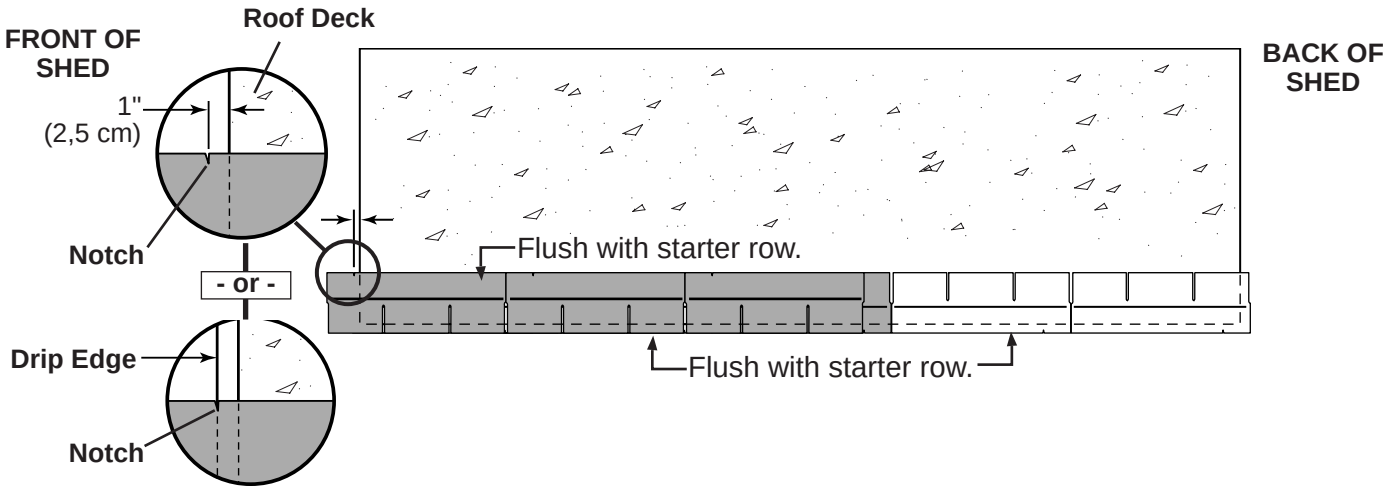
NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

BEGIN

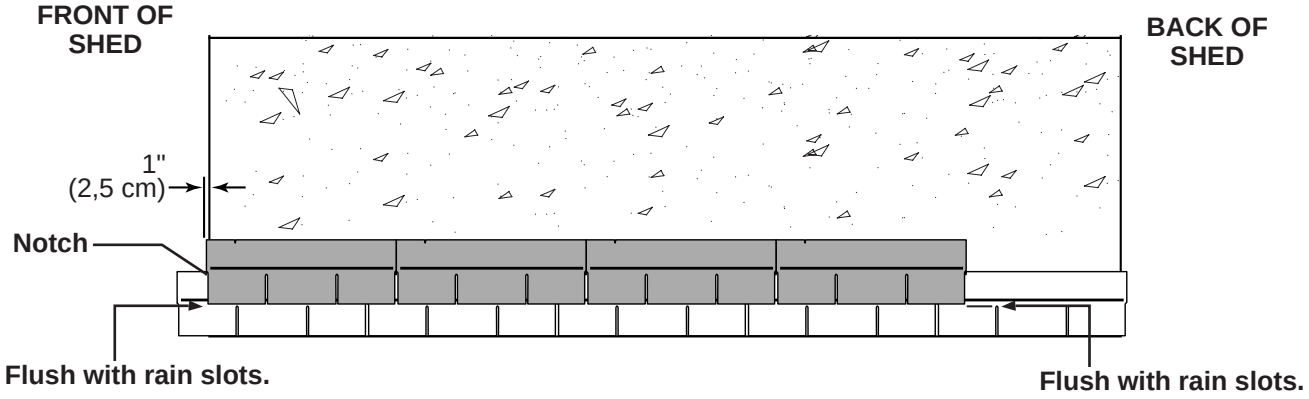
1 Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle.
Starter row must be straight and level all the way across with lower edge of roof deck.
NOTE: If you have installed drip edge install shingles flush to drip edge.



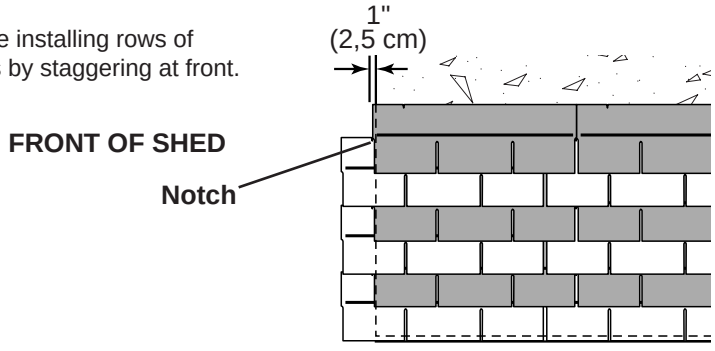
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



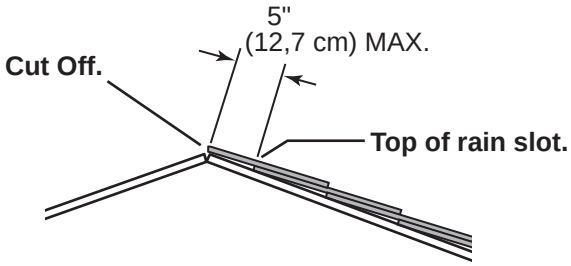
3 Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

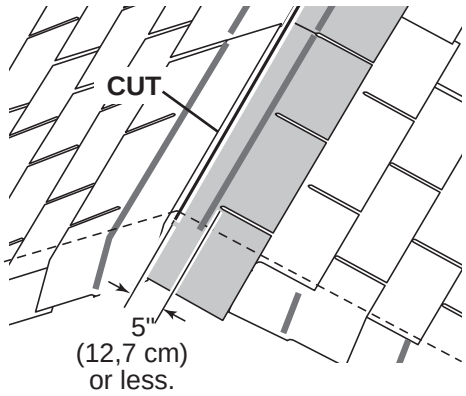


4 Continue installing rows of shingles by staggering at front.



5 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.



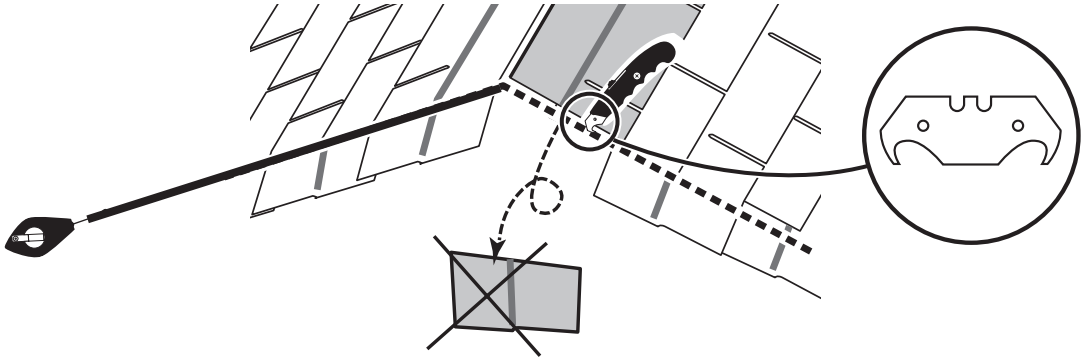


⚠ **• If more than 5" to rain slot you must install another row of shingles.**

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.

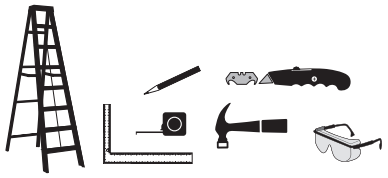


FINISH

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

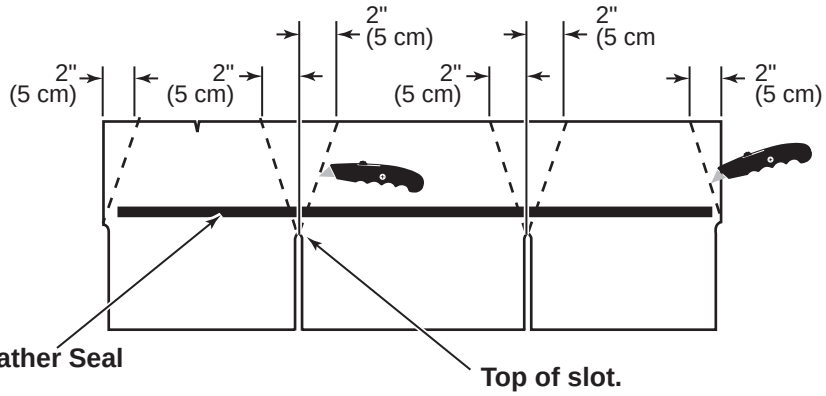
SHINGLES - RIDGE CAP

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



BEGIN

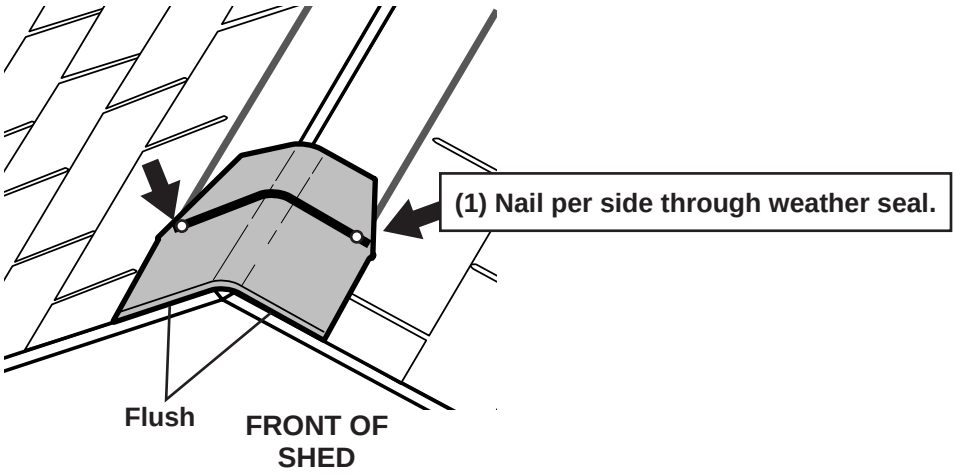
1 Cut shingles into THREE pieces. **Hint:** Use cut-off pieces first.



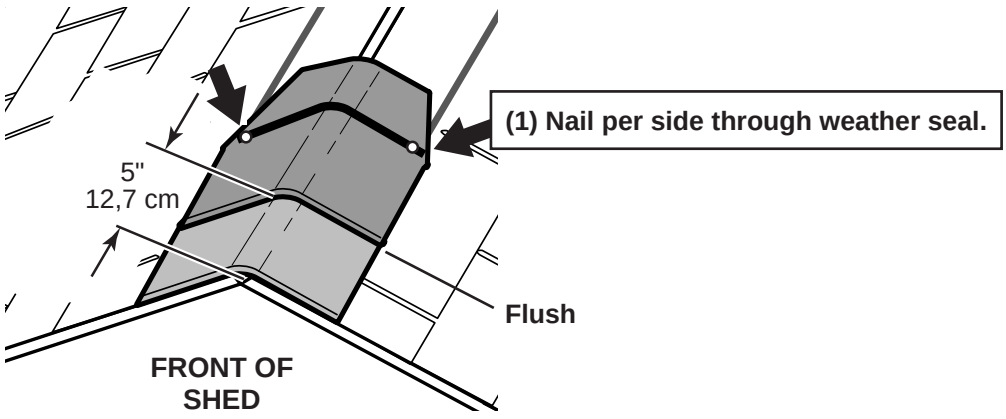
Score shingle, then snap-off angled cut.

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

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

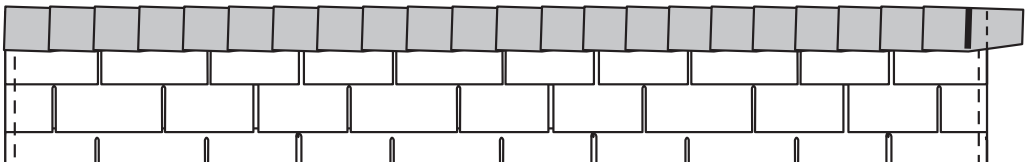


3 Install second ridge cap 5" back, as shown.

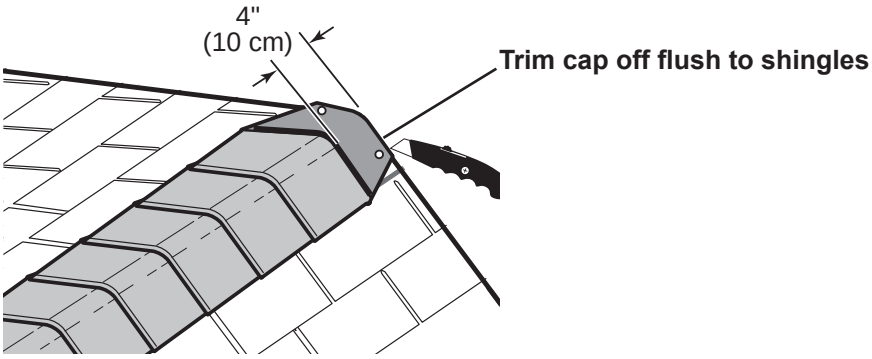


SHINGLES - RIDGE CAP
continued...

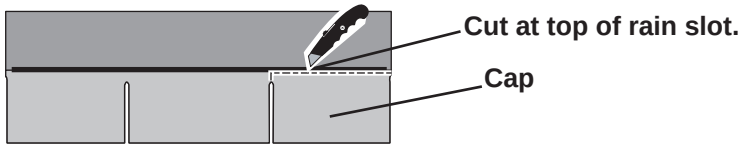
4 Continue installing ridge cap to back of roof.



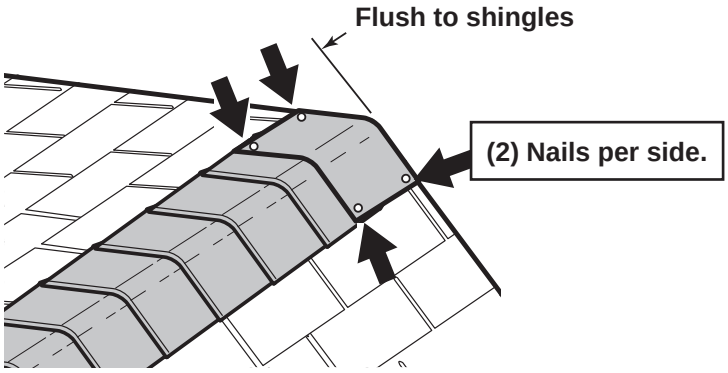
5 Make sure there is 4" between the shingle-color and edge of shingles.



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



7 Install flush to shingles.



FINISH

You have finished your ridge cap.

16408 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
	Sidewall Top & Bottom Plate "A"	LUM SPF 2X4X92-5/8 #2&BTR	12305	4	TJ
	Sidewall Top & Bottom Plate "B"	2 X 4 X 44 3/8" PLATE	O 44060000000	2	HVC
	Front / Back Wall Plate "B"	2 X 4 X 20 3/8" DOUBLER	O 20060000000	2	JBD
	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	25	AI
	Door Studs / Sidewall Top Plate	2 X 4 X 68-1/2"	O 68080000000	8	YFA
	Front / Back Wall Doubler "B"	2 X 4 X 24" DOUBLER / PLATE	O 24000000000	2	RL
	Over Door Crippler	2 X 4 X 6 1/2" OVER DOOR	O 06080000000	3	UY
	Front/Back Wall Plates / Doubler "A"	LUM SPF 2X4X96 #2&BTR	12306	4	TP
	Sidewall Doubler "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	2	SP
	Front Wall Top Plate "A"	LUM SPF 2X4X84 #2&BTR	12307	1	TO
	Front Wall Top Plate "B"	2 X 4 X 36"	O 36000000000	1	SL
	Door Header	2 X 4 X 67"	O 67000000000	2	AM
	Over Single Door / Window Crippler	2 X 4 X 7"	O 07000000000	3	AL
	Single Door Header	2 X 4 X 35" PLATE	O 35000000000	2	QT
	Window Framing	2 X 4 X 22 1/2"	O 22080000000	4	AO
	Frontwall Bottom Plate	2 X 4 X 28" CONNECTOR	O 28000000000	2	RR
	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 8-5/8" X 48" ROOF PANEL	C 48000810000	4	---
	Gable Roof Panel "B"	5/8" X 8-5/8" X 27-1/4" ROOF PANEL	C 27040810000	4	---
	Door Header Filler	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	1	---
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28*-	J 24000600280	12	---
NG 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	---
	Sidewall Panel "B"	NG 23 7/8" X 84" WALL PANEL	K 84002314000	1	---
	Wall Panel w/ Window Cutout	3/8"NG PANEL W/ WINDOW	K 84004800300	2	---
	Wall Panel w/ Door Cutout	3/8"NG PANEL W/ DOOR	K 84004800000U	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 5-1/2" SHAFT & "D"	15375	2	---
	Threshold - Single Door	THRESHOLD 7/8" X 1-1/2" X 31-7/8	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		16408	1	---
	30181-L				
Right Door Assembly	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
	30181-R				
Left Door Assembly	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
	30128-U				
Universal Door Assembly	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

WARRANTY REGISTRATION

Please complete your warranty registration to properly validate your warranty.

Register your product online at: www.OnlineWarranty.net.

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: Value Series / Solar Shed
   12 years: Classic Series / Architectural Series
   15 years: Big Buildings
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.

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 (½ inch) from concrete slab or two and one half inches (2 ½") from the ground when building is erected or constructed on a treated wood floor kit. Water from sprinklers must be kept off unit. In no event will Backyard Storage Solutions, LLC be responsible for any indirect, incidental, consequential or special damages nor for failure(s) that are caused by events, acts or omissions beyond our control including, but not limited to, misuse or improper assembly, improper maintenance (which eventually leads to rot or decay) and acts of God. Backyard Storage Solutions, LLC will not be held responsible for any labor costs incurred to construct your unit.

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

CLAIM PROCEDURE

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

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

All other inquiries can be mailed to:

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

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

IMPORTANT: This is your warranty certificate.