16580-U

Call Us First!
DO NOT RETURN TO STORE.

For immediate help with assembly or product information

call our toll free number:
1-800-577-9663
or email:

customerservice@backyardproductsllc.com

Our staff is ready to provide assistance
April through October M-F 8:00 AM to 6:00 PM EST
Saturday 8:30 AM to 4:30 PM EST
November through March M - F 8:00 AM to 5:00 PM EST

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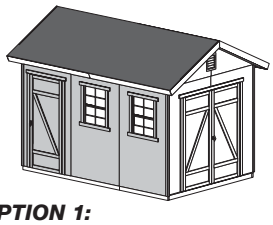
HEARTLAND
A Backyard Products Company

16580-U	02/11/2016

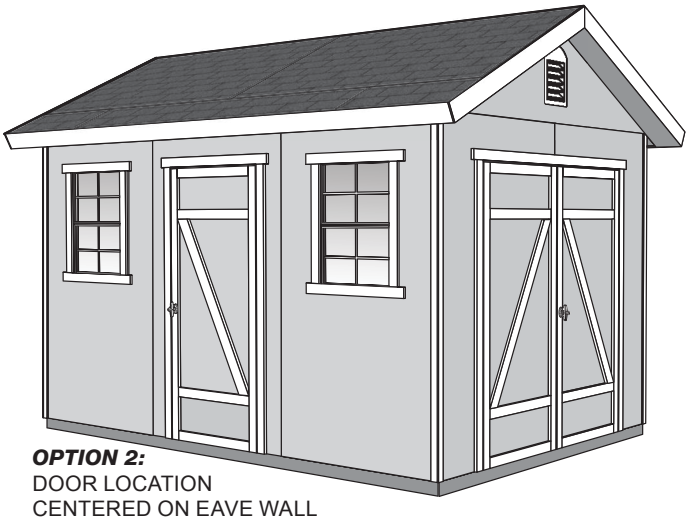
HILLSDALE GABLE 8' x 12' (244 x 366 cm)

ACTUAL FLOOR SIZE IS 96 x 144" (243,8 x 365,8 cm)

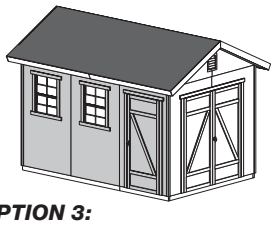
KEEP THIS MANUAL FOR FUTURE REFERENCE



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 with 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. Contact our Customer Service Team if any parts are missing or damaged.

- **ADDITIONAL MATERIALS**

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

- CUSTOMER SERVICE -

Call: 1-800-577-9663 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.

BEGIN = Beginning of steps for assembly or installation.

FINISH = You have finished the assembly or installation.

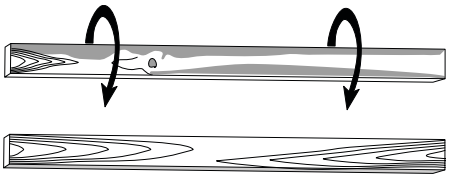
= Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

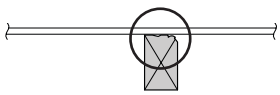
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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

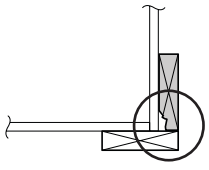
A



B

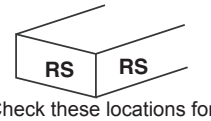


C



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)

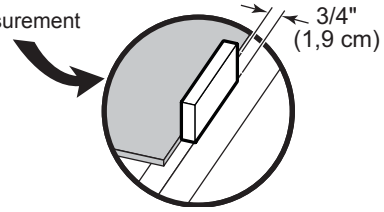
PARTS LIST

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



- ☐ x2 CQA 2 x 4 x 4" (5,1 x 10,2 x 10,2 cm)
- ☐ x2 UY 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,51 cm)
- ☐ x6 CPA 2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)
- ☐ x2 AJ 2 x 4 x 12-1/2" (5,1 x 10,2 x 31,8 cm)
- ☐ x4 AO 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)
- ☐ x2 QT 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)
- ☐ x4 SP 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ x2 AM 2 x 4 x 67" (5,1 x 10,3 x 170,2 cm)
- ☐ x4 YFA 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ x26 TK 2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)
- ☐ x3 SZ 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)
- ☐ x4 TP 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

RAFTERS

- ☐ x10 6 x 24" (15,2 x 61 cm) **OSB OR WOOD GRAIN** ⚠
- ☐ x16 CLA 2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)
- ☐ x4 PVA 2 x 4 x 5-7/8" (5,1 x 10,2 x 14,9 cm)
- ☐ x2 GUA 1 x 3 x 60" (1,6 x 7,6 x 152,4 cm)
- ☐ x8 CMA 2 x 4 x 61-7/8" (5,1 x 10,2 x 157,2 cm)
- ☐ x10 CNA 2 x 4 x 61-7/8" (5,1 x 10,2 x 157,2 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 59-15/16" (1 x 20 x 152,2 cm)
- ☐ x2 3/8 x 4-3/4 x 62-7/16" (1 x 12,1 x 158,6 cm)
- ☐ x2 3/8 x 4-3/4 x 62-7/16" (1 x 12,1 x 158,6 cm)
- ☐ x4 3/8 x 5-7/8 x 72-3/4" (1 x 14,9 x 184,8 cm)
- ☐ x4 3/8 x 4-3/4 x 80-5/8" (1 x 12,1 x 204,8 cm)

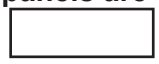
WINDOW & DOOR TRIM

☐	x6	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	GPR	19/32 x 2-1/2 x 51" (1,5 x 6,3 x 129,5 cm)
☐	x1	GPL	19/32 x 2-1/2 x 51" (1,5 x 6,3 x 129,5 cm)
☐	x3	OO	1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)
☐	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)

ROOF PANELS

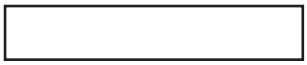
Roof panels are 7/16" (1,1 cm) thick. **NOTE: Panel parts are not stamped.**

☐ x4



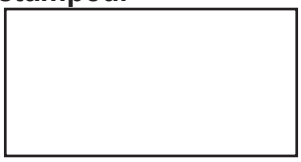
7/16 x 13-7/8 x 32-5/8"
(1,1 x 35,2 x 82,9 cm)

☐ x2



7/16 x 13-7/8 x 96"
(1,1 x 35,2 x 243,8 cm)

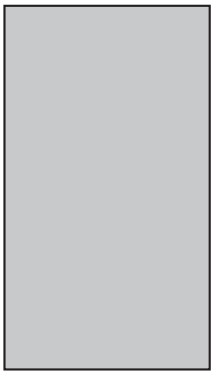
☐ x4



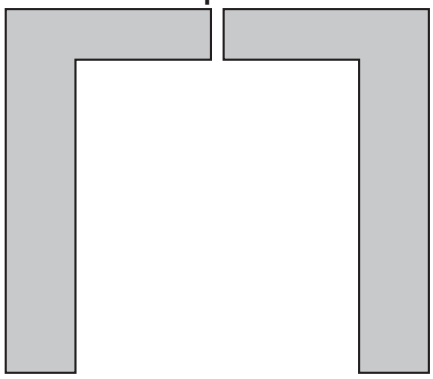
7/16 x 48 x 80"
(1,1 x 121,9 x 203,2 cm)

WALL PANELS & DOORS

NOTE: Panel parts are not stamped.

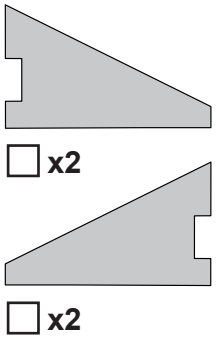


☐ x5
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)



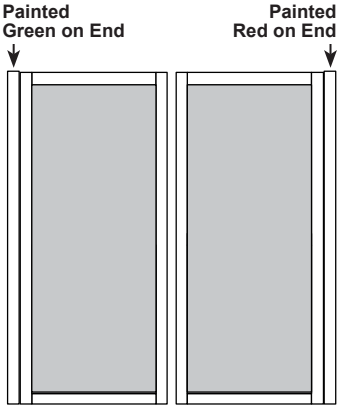
☐ x1
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)

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



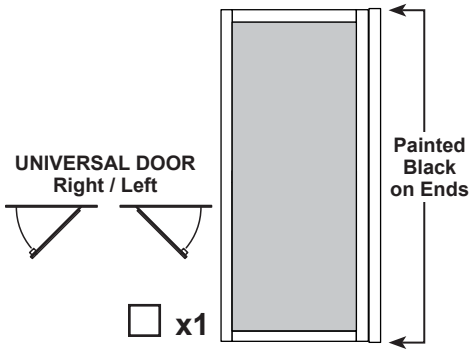
☐ x2

☐ x2

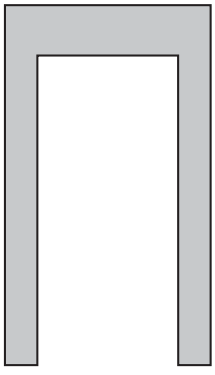


☐ x1
LEFT DOOR

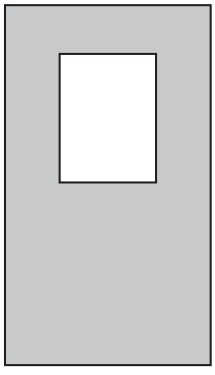
☐ x1
RIGHT DOOR



☐ x1



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



☐ x2
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)

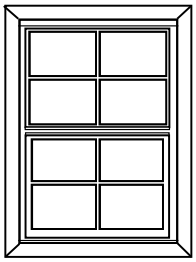
FASTENERS & HARDWARE

FASTENER/HARDWARE BAG

- ☐ **x92** — 1-1/2" (3,8 cm)
- ☐ **x345** — 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)
- ☐ **x12** ⊕ — 1" (2,5 cm)
- ☐ **x5 Boxes** — 2" (5,1 cm)
- ☐ **x3 Boxes** — 3" (7,6 cm)

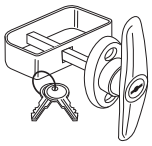
VENT/ DOOR HARDWARE/ WINDOWS

☐ **x2**



Window
22-1/4 x 29-3/4"
(56,5 x 75,6 cm)

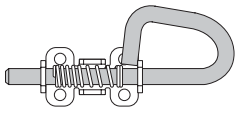
T-Handle



- ☐ **x2**
- ☐ **x1** — **4-1/2" Shaft**
- ☐ **x1** — **5-1/2" Shaft**
- ☐ **x4** — 1-1/2" (3,8 cm)

(2 screws in each package)

Spring Bolt

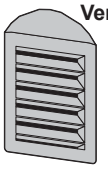


- ☐ **x2**
- ☐ **x8** — 1" (2,5 cm)

(4 screws in each package)

☐ **x8** — 3/4" (1,9 cm)

Vent



☐ **x2**

- ☐ **x1** — **64" Metal Threshold**
- ☐ **x1** — **32" Metal Threshold**

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

ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

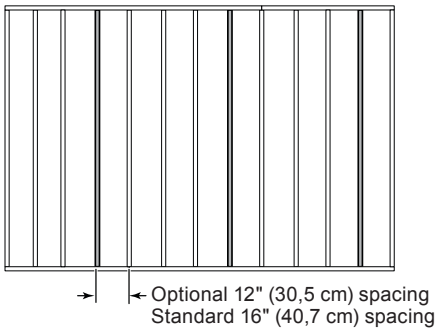
- This shed does not include any floor or leveling materials. Use our optional floor kit with building instructions and nails included.
- See the FLOOR LEVELING section on page 9 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific 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



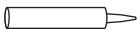
COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES ..... 6 Bundles**

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

☐ **CAULK ..... 2 Tubes**
Use acrylic latex exterior caulk that is paintable.



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

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

☐ **WOOD GLUE ..... Exterior Rated**

OPTIONAL MATERIALS

☐ **DRIP EDGE ..... 50 Feet**

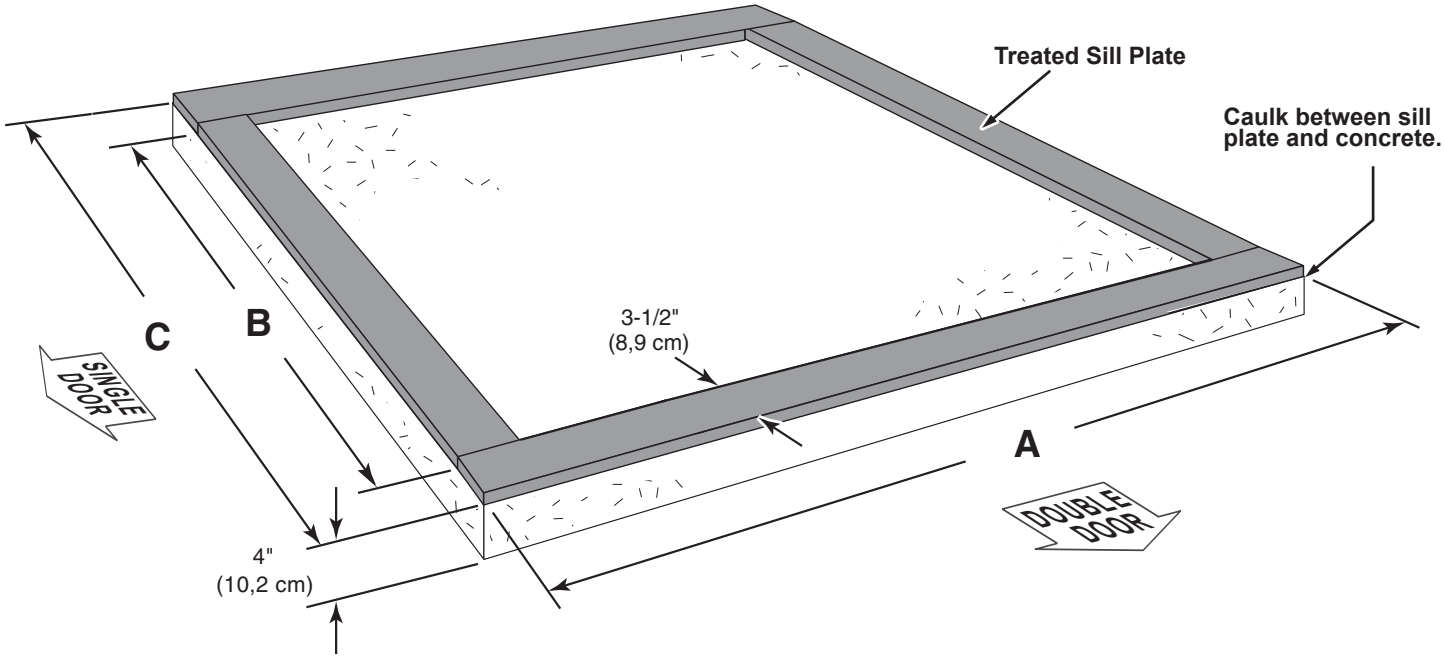
☐ **#15 ROOFING FELT**
To cover 148 Sq. Ft. of roof area.

☐ **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
8'x 12' (243,8 x 365,8 cm)	96" x 144" (243,8 x 365,8 cm)	96" (243,8 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 8' (5,1 x 10,2 x 244 cm) ⚠ **MUST be treated lumber.**
- ☐ **x1** Caulk

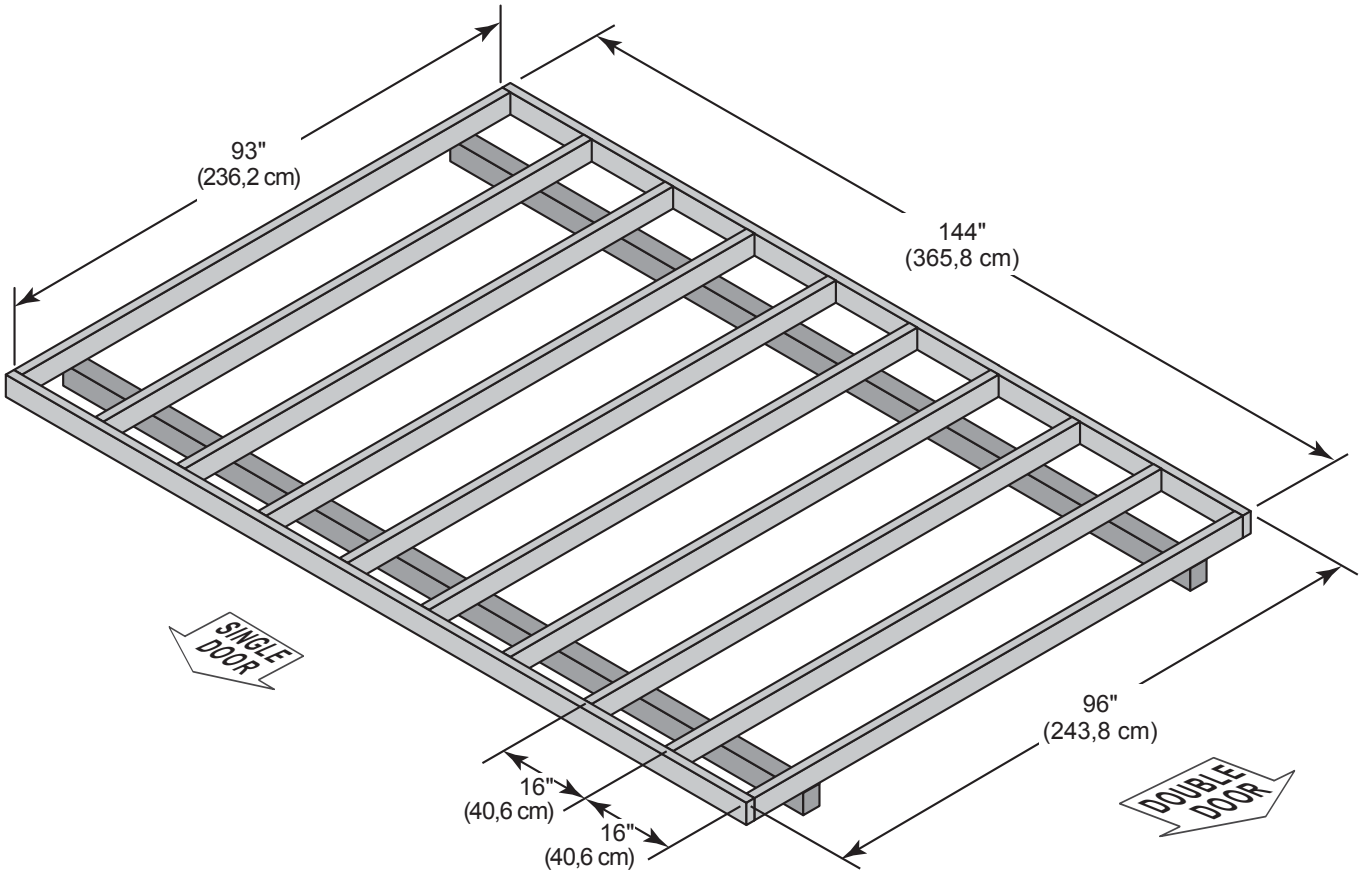
⚠ Allow new concrete slabs to cure for at least seven (7) days.

- 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

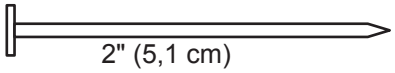
(Materials not included.)



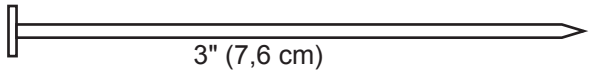
MATERIAL REQUIRED

- ☐ **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**
- ☐ **x2** 4" x 4" x 12' (10,2 x 10,2 x 365,8 cm) ⚠ **MUST be treated lumber**

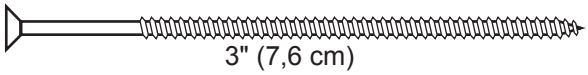
☐ **x4**  5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ **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

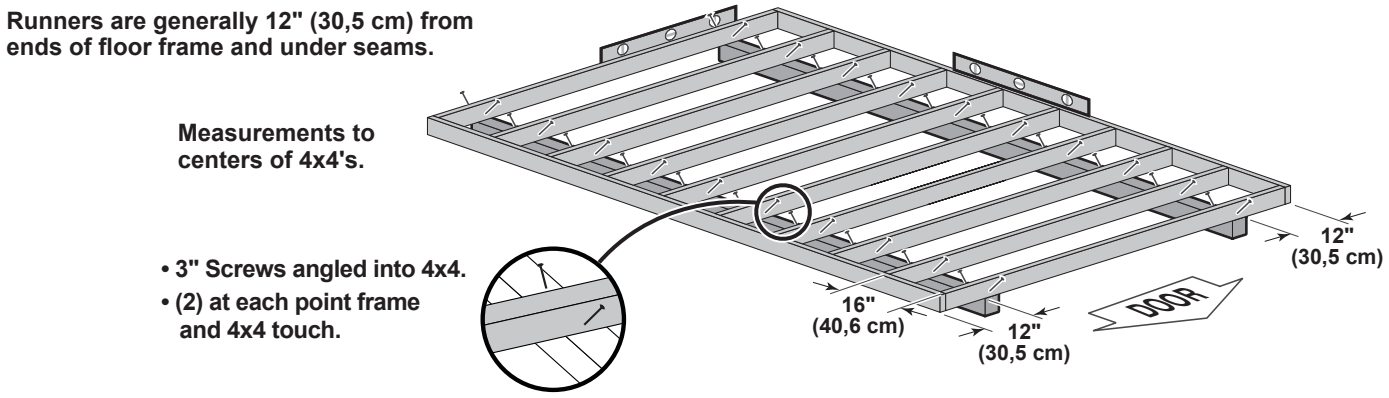
☐ **x40** 

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 - 4x4 TREATED RUNNERS (Typical for 8' x 12' Kit)



⚠ **FLOOR FRAME NOT INCLUDED**

MATERIAL REQUIRED

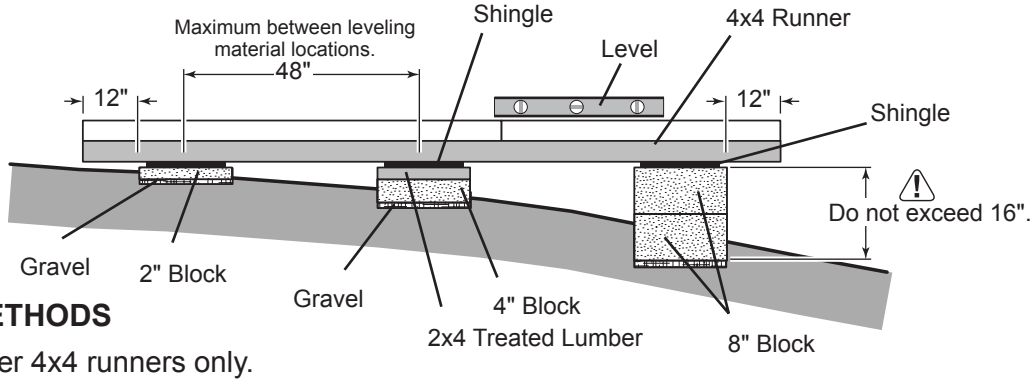
8' x 12' **x2** 4" x 4" x 12' (10,2 x 10,2 x 365,8 cm) Treated Lumber

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

☐ **x40** 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.

⚠ *LEVEL AND SQUARE FLOOR FRAME* ⚠

STOP!

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

STOP!

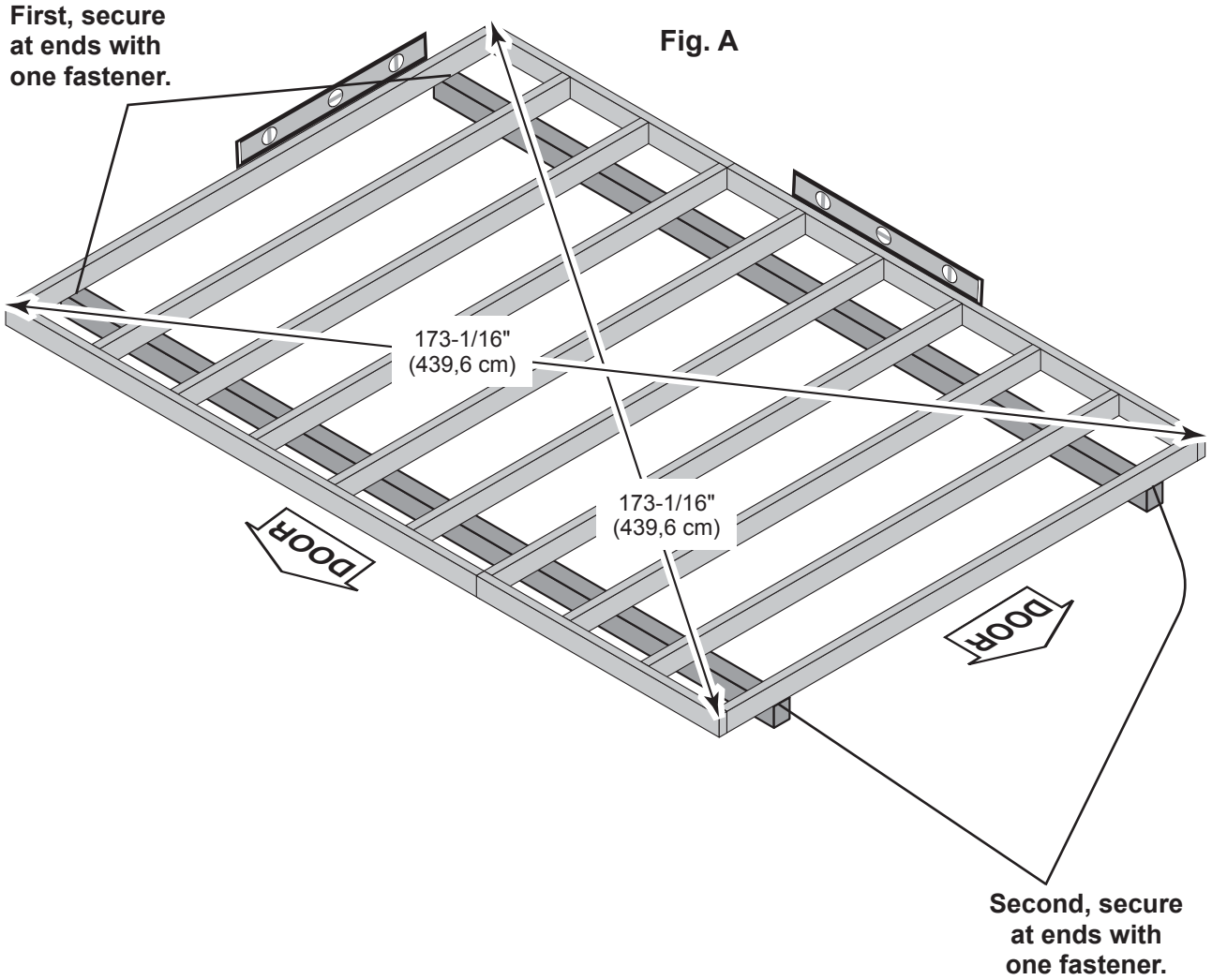
BEGIN

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 173-1/16" (439,6 cm).
4. When the frame is level and square secure one side of frame to the 4x4 runners using one fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square (Fig. A).

FINISH

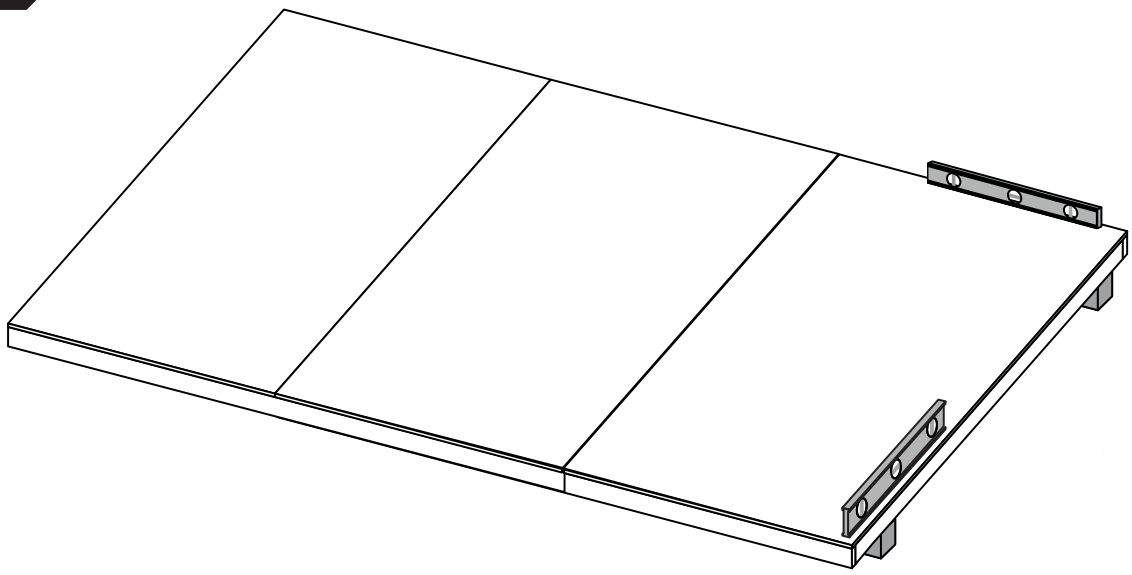
5. Once the floor frame is level and square fasten the frame to the 4x4 runners at each point the frame contacts the 4x4 runners.

Fig. A



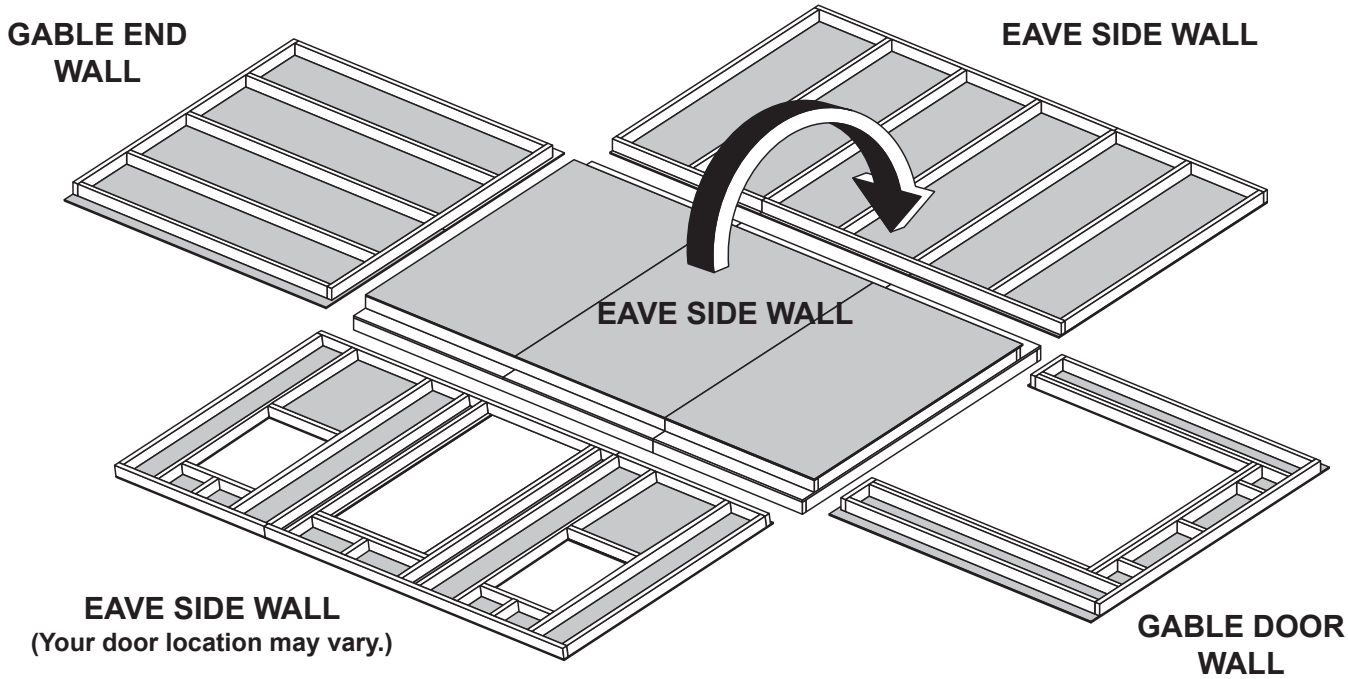
IMPORTANT!

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



HINT:

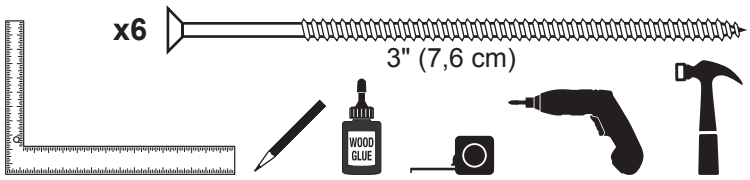
- **The floor should be used as a stable work surface for wall construction.**
- **Organize your assembly procedure during the build process to avoid over-handling of the walls.**



RAFTER ASSEMBLY

PARTS REQUIRED:

x3 PVA 2 x 4 x 5-7/8" (5,1 x 10,2 x 14,9 cm)



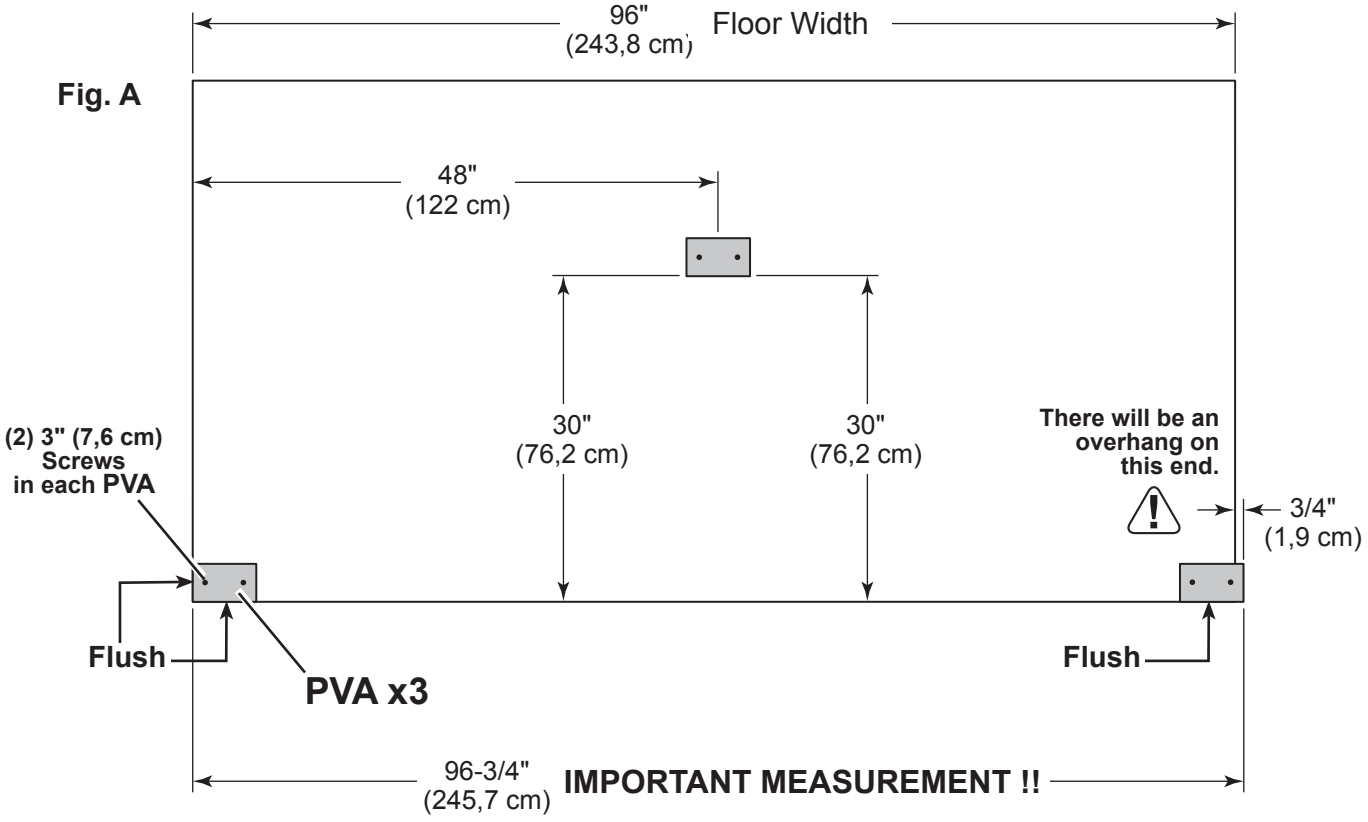
It is very important to assemble your rafters using the following method for an even and flat roof.
You will build a rafter jig using the floor and three **PVA** parts as shown.

BEGIN

1 Secure one **PVA** flush to the floor deck using two 3" screws.
Measure over 96-3/4" and install a second **PVA** flush to the floor deck. **PVA** will overhang the floor.
Secure using two 3" screws.

2 Measure over 48" and up 30" from the floor edges and secure the third **PVA** using two 3" screws.
Check this **PVA** is 30" at both ends for squareness.

Fig. A



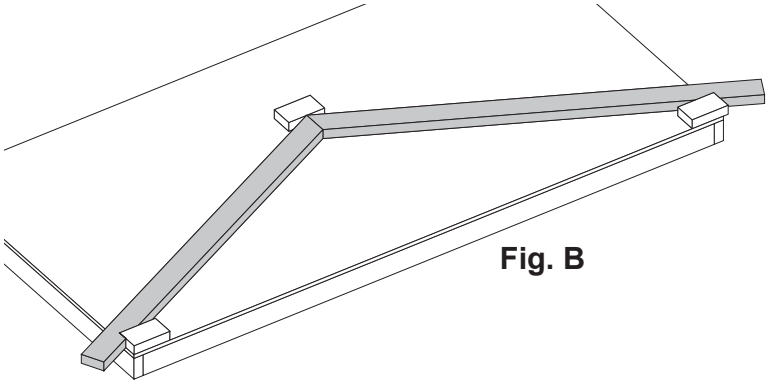


Fig. B

FINISH

3 You have finished rafter jig. Proceed to assemble your rafters.

RAFTER ASSEMBLY

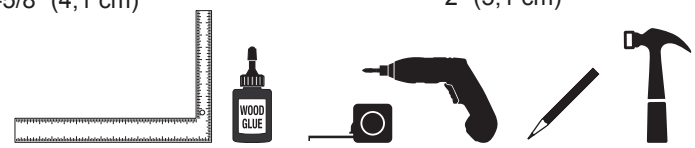
PARTS REQUIRED:

x10 OSB OR WOOD GRAIN
6 x 24" (15,2 x 61 cm)

x10 CNA
2 x 4 x 61-7/8" (5,1 x 10,2 x 157,2 cm)

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

x 118 2" (5,1 cm)



BEGIN

1 Place two rafters **CNA** into the jig as shown.

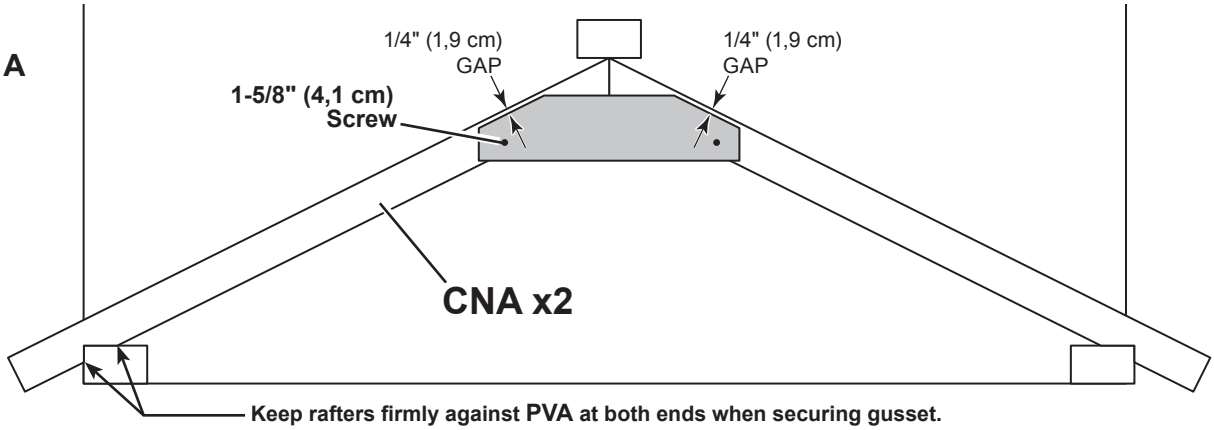
2 Keep **CNA** firm against outside **PVA**'s as shown **(Fig.A)** and push rafters tight to the middle **PVA**. Rafters should touch at tips **(Fig. A)**.

Apply glue to rafters where gusset will attach **(Fig. B)**.

Place gusset onto **CNA** holding a 1/4" gap from edge **(Fig. C)** and keeping rafters firm as instructed. Secure gusset using one 1-5/8" screw into each rafter. **HINT:** These screws will help hold the measurements when you nail on gussets.

Use ten 2" nails to finish securing the gusset to the rafters to pattern shown in **Fig. C**.

Fig. A

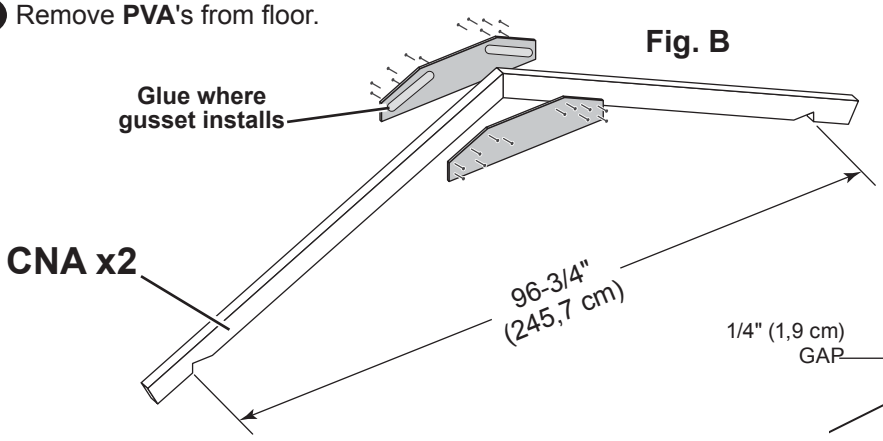


3 Flip rafters over and attach a second gusset using glue and (12) 2" nails. No need to use jig for this gusset.

4 Repeat steps 1 through 3 to assemble four more rafters.

5 Remove **PVA**'s from floor.

Fig. B



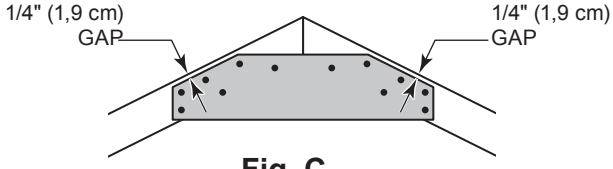


Fig. C

FINISH

6 You have finished assembling your rafters.

GABLE END WALL WITH DOORS

PARTS REQUIRED:

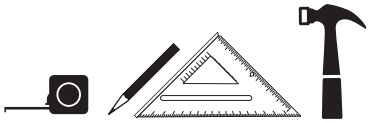
x20 — 3" (7,6 cm)

x3 **CPA**
2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)

x2 **TK**
2 x 4 x 80" (5 x 10,2 x 203,2 cm)

x1 **AM**
2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)

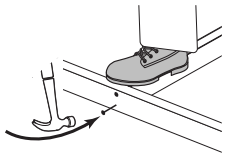
x2 **SZ**
2 x 4 x 89" (5 x 10,2 x 226,1 cm)

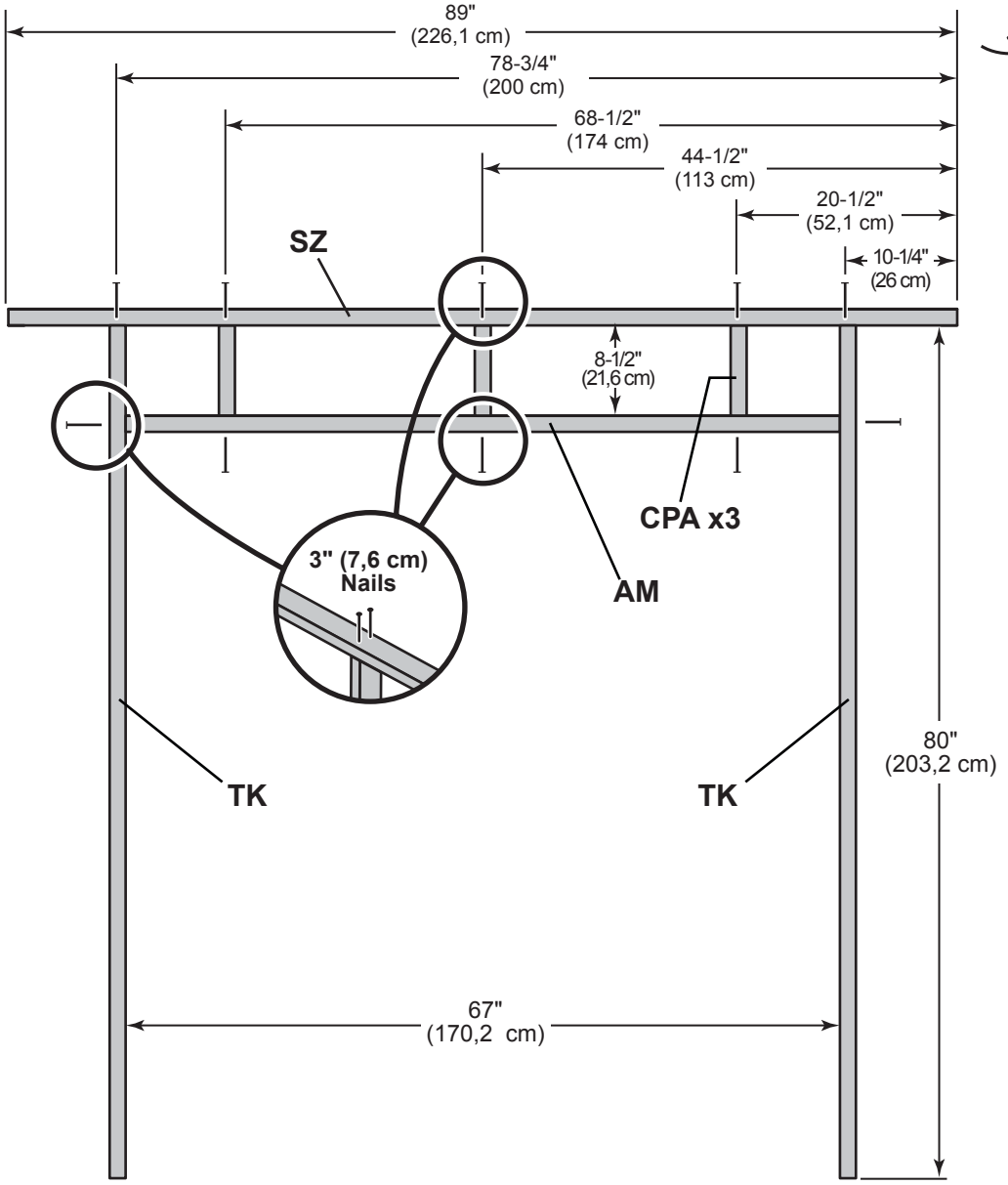


✓ **BEGIN**

1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark.

HINT:
For easier nailing stand on frame.





GABLE END WALL WITH DOORS

PARTS REQUIRED:

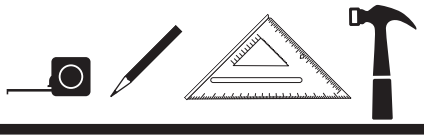
x2 YFA
2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x2 AJ
2 x 4 x 12-1/2" (5,1 x 10,2 x 31,8 cm)

x40
3" (7,6 cm)

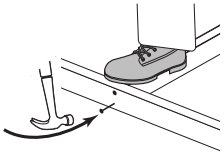
x1 AM
2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)

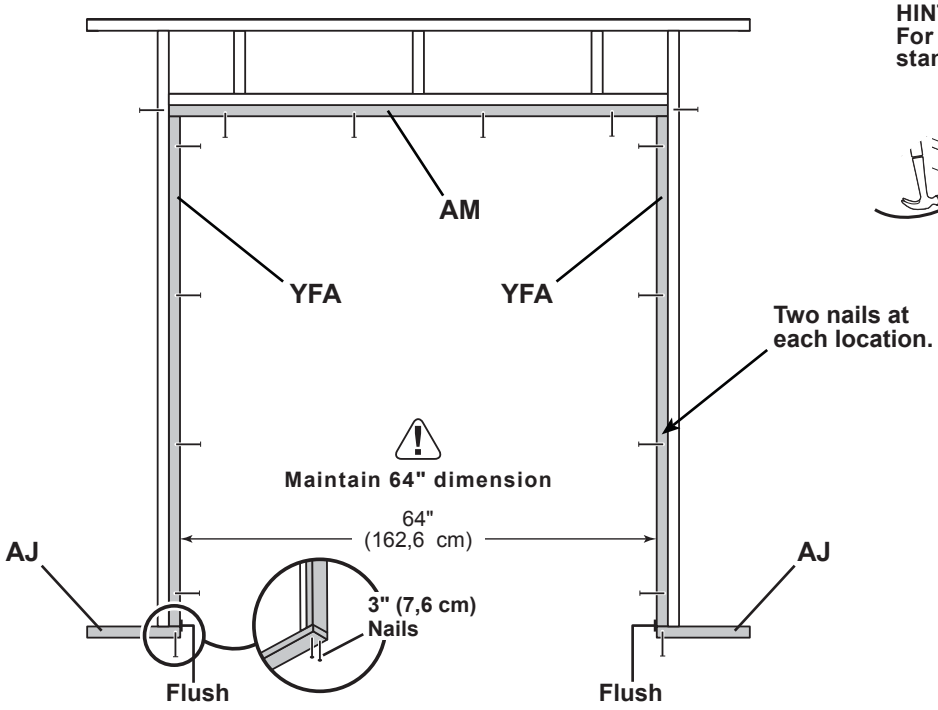
x2 TK
2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)



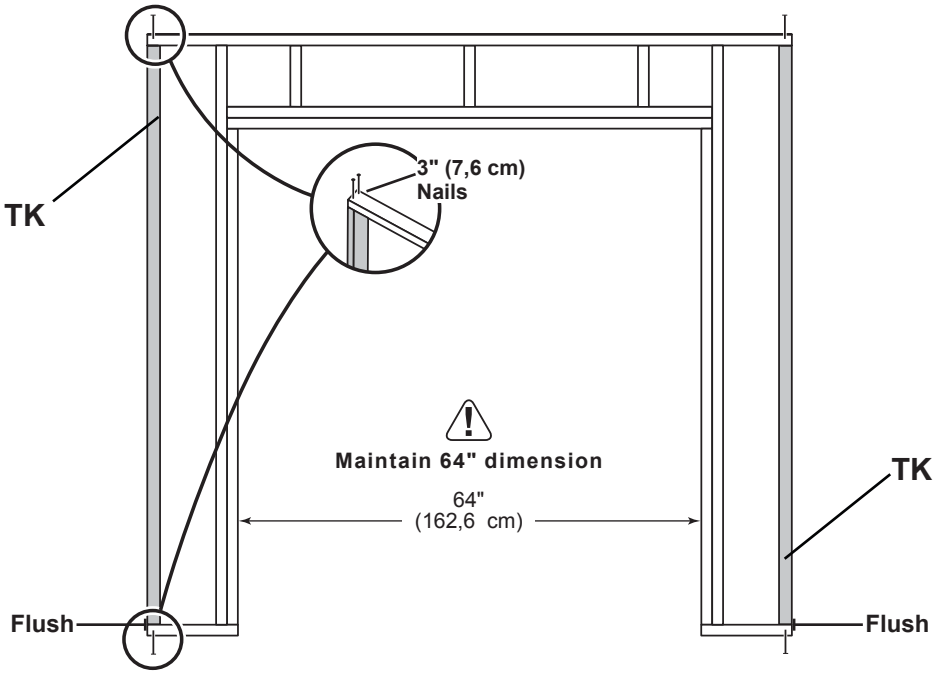
3 Orient parts on edge. Use two 3" nails at each location.

HINT:
For easier nailing stand on frame.



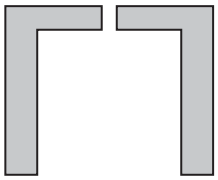


4 Use two 3" nails at each end of **TK**.

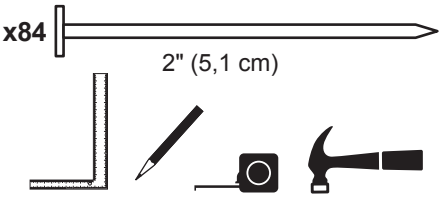


GABLE END WALL WITH DOORS

PARTS REQUIRED:

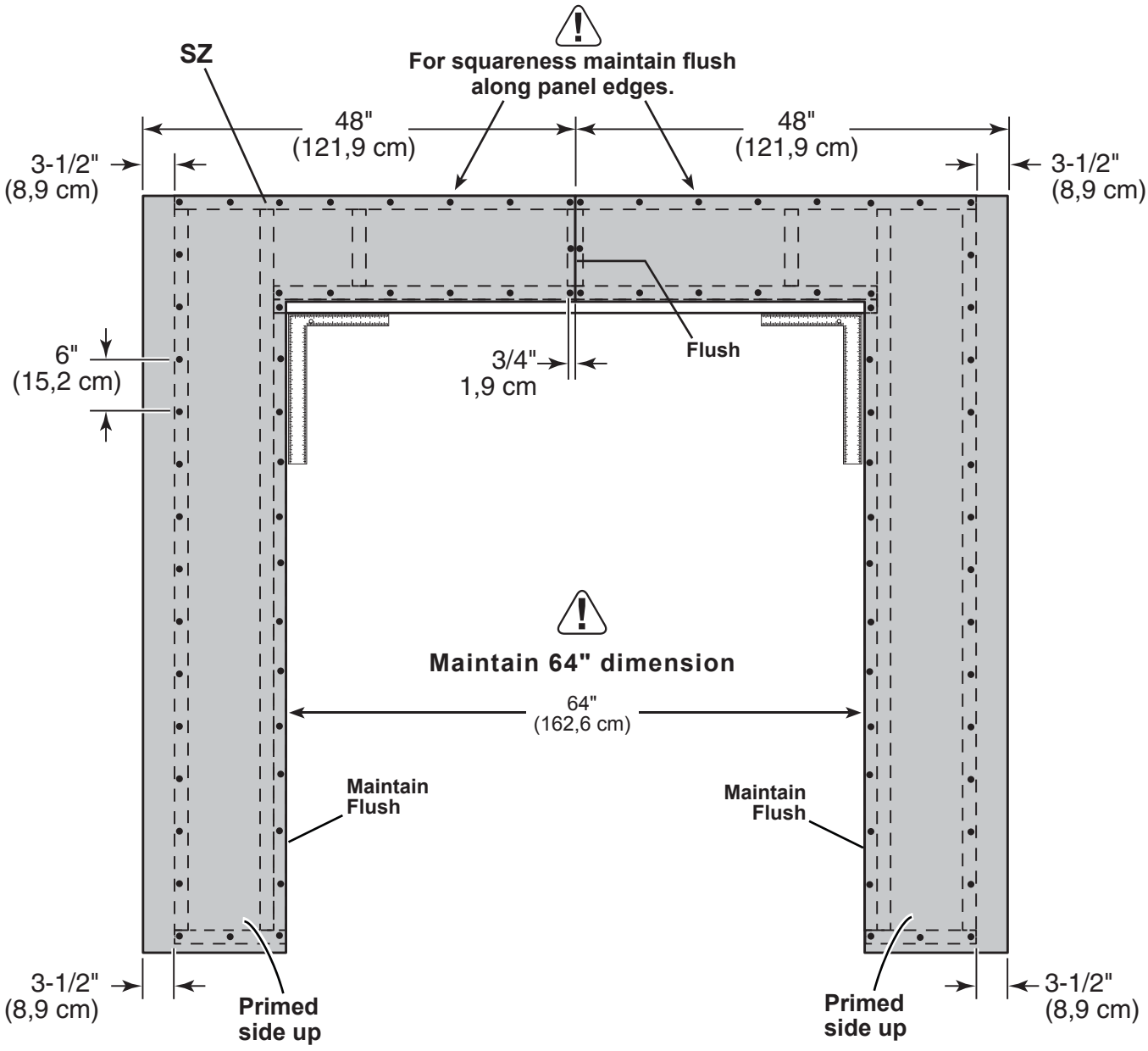


48 x 84"
(121,9 x 213,4 cm)
x1 LEFT + 1 RIGHT



5 Place left **48" x 84"** panel onto wall frame flush to top of **SZ** with primed side up as shown. Secure panel with two 2" nails 6" (15,2 cm) apart.

6 Repeat step 5 to attach the right **48" x 84"** panel.



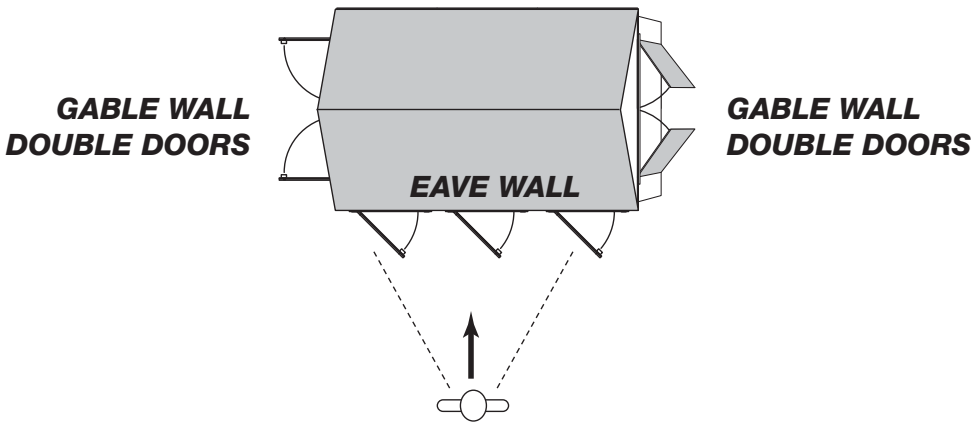
FINISH

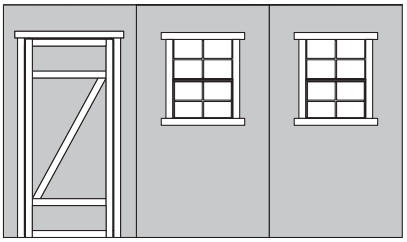
7 You have finished building your front door wall.

Go to page 17.

⚠ STOP ⚠

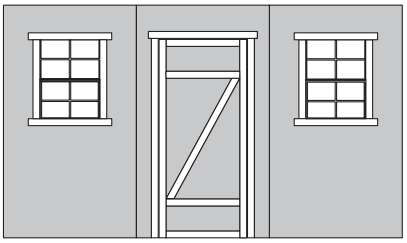
AS YOU FACE YOUR BUILDING, CHOOSE YOUR SINGLE DOOR (EAVE) LOCATION - LEFT, CENTER OR RIGHT





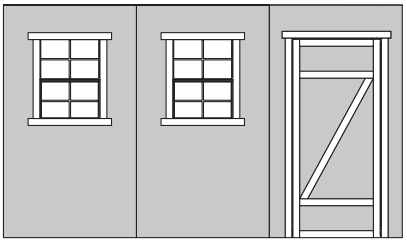
OPTION 1:
DOOR LOCATION
LEFT SIDE OF EAVE WALL

IF YOU CHOOSE TO LOCATE THE *DOOR TOWARD THE LEFT*
GO TO Page 18 TO BEGIN BUILDING YOUR WALL.



OPTION 2:
DOOR LOCATION
CENTERED ON EAVE WALL

IF YOU CHOOSE TO LOCATE THE *DOOR CENTERED*
GO TO Page 26 TO BEGIN BUILDING YOUR WALL.



OPTION 3:
DOOR LOCATION
RIGHT SIDE OF EAVE WALL

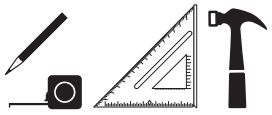
IF YOU CHOOSE TO LOCATE THE *DOOR TOWARD THE RIGHT*
GO TO Page 22 TO BEGIN BUILDING YOUR WALL.

EAVE SIDE WALL WITH DOOR LEFT

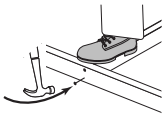
PARTS REQUIRED:

x58 — 3" (7,6 cm)

x3	CPA	2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)
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	SP	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
x8	TK	2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)
x2	TP	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

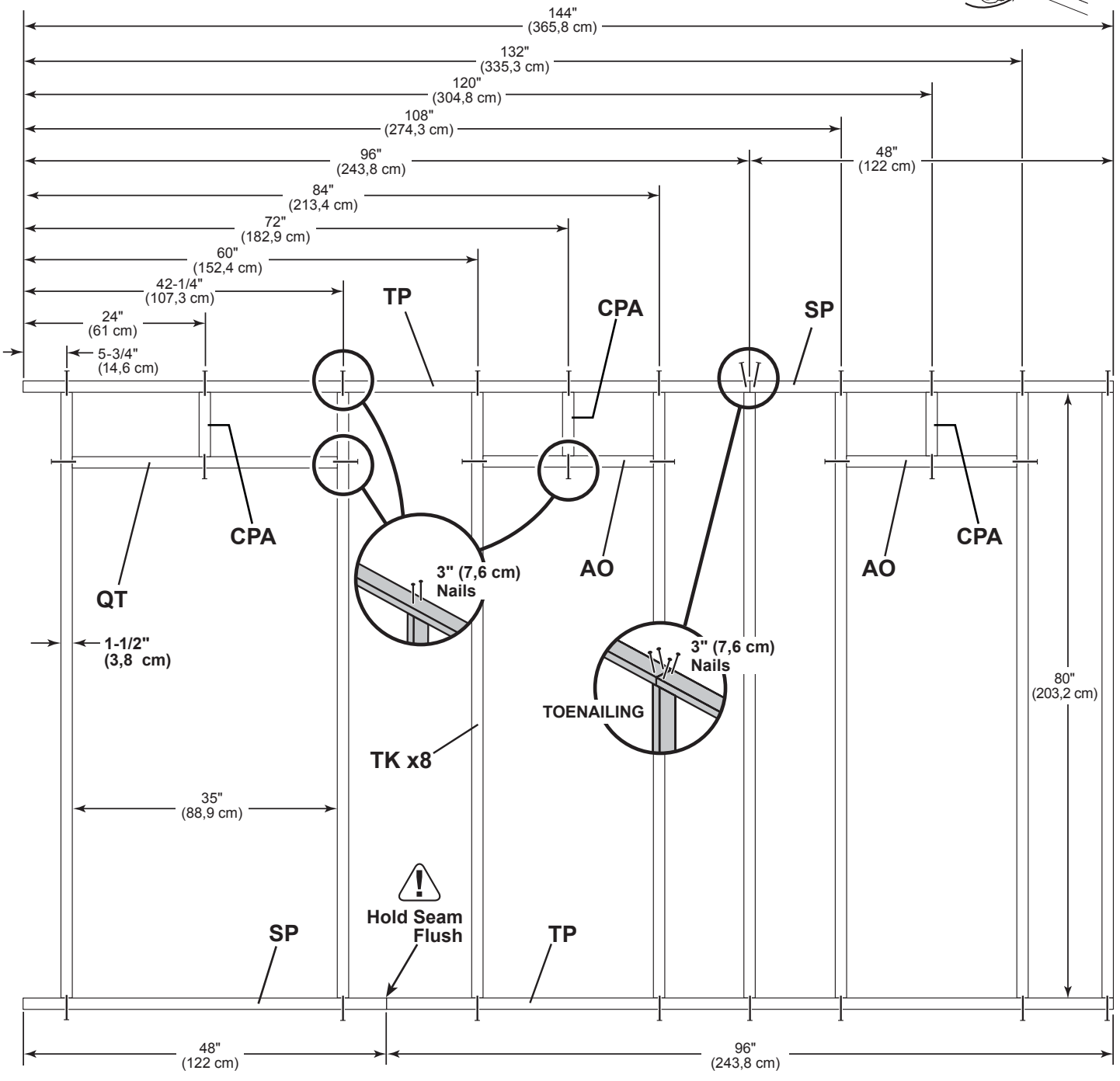


HINT:
For easier nailing stand on frame.



✓BEGIN

1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark and four 3" nails at seams.



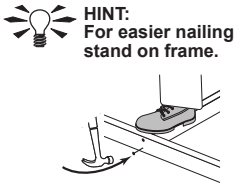
EAVE SIDE WALL WITH DOOR LEFT

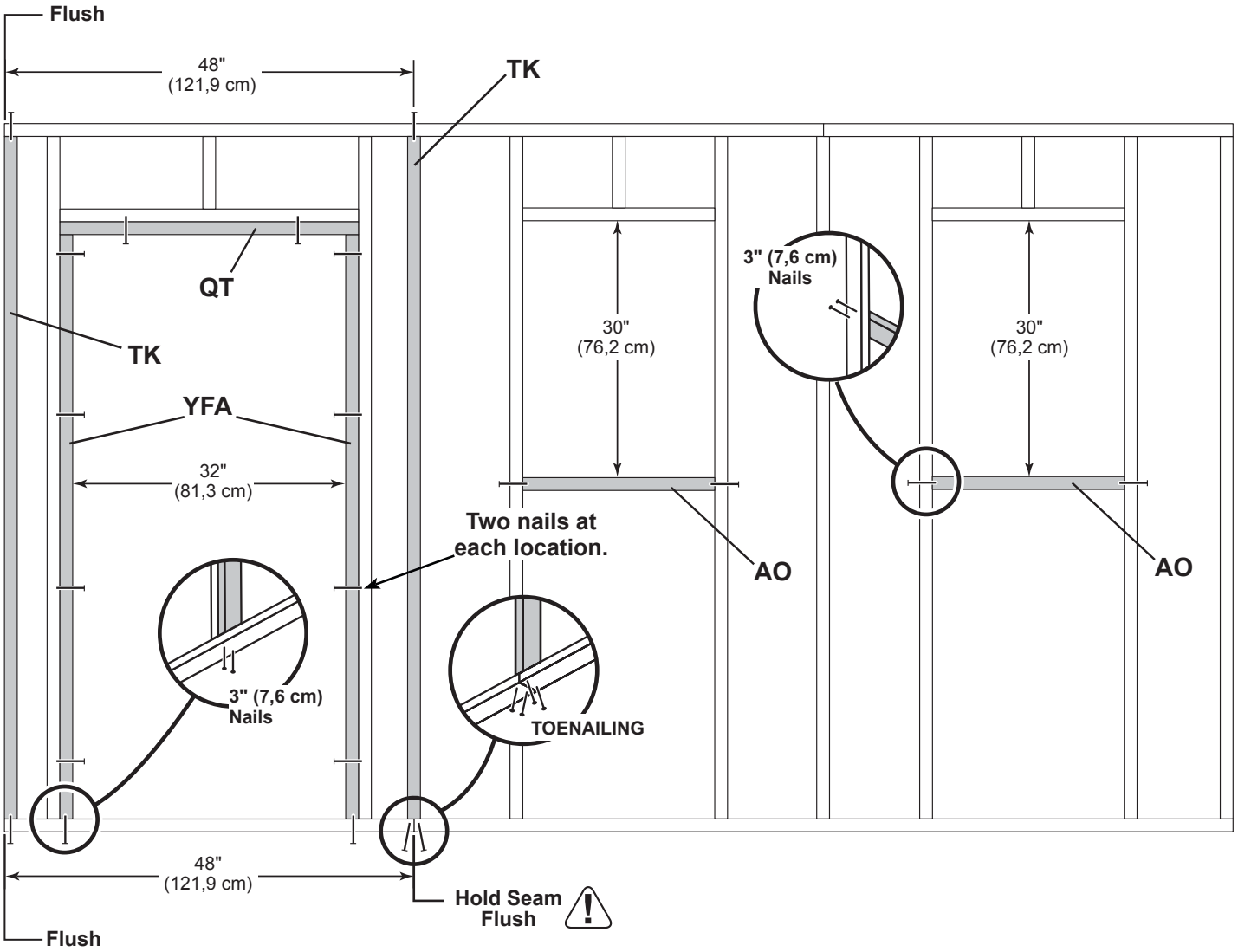
PARTS REQUIRED:

x42 — 3" (7,6 cm)

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	TK	2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)

3 Orient parts on edge on floor as shown. Measure and mark. Use two 3" nails at each mark and four 3" nails at seams.

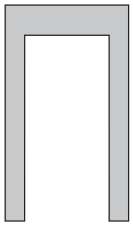




EAVE SIDE WALL WITH DOOR LEFT

PARTS REQUIRED:

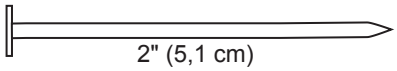
3/4" GAUGE BLOCK



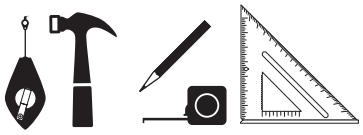
x1

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

x68



2" (5,1 cm)



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

4 Place **48 x 84"** panel onto wall frame flush to top of frame with primed side up as shown. Use the gauge block to mark the 3/4" measurement on the wall stud. Secure panel with two 2" nails in the corners **(Fig. A)**.

5 Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with two 2" nails **(Fig. B)**.

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

Fig. A

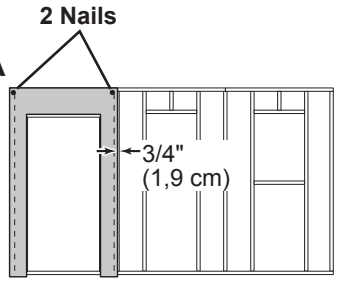
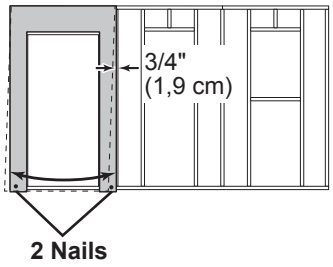
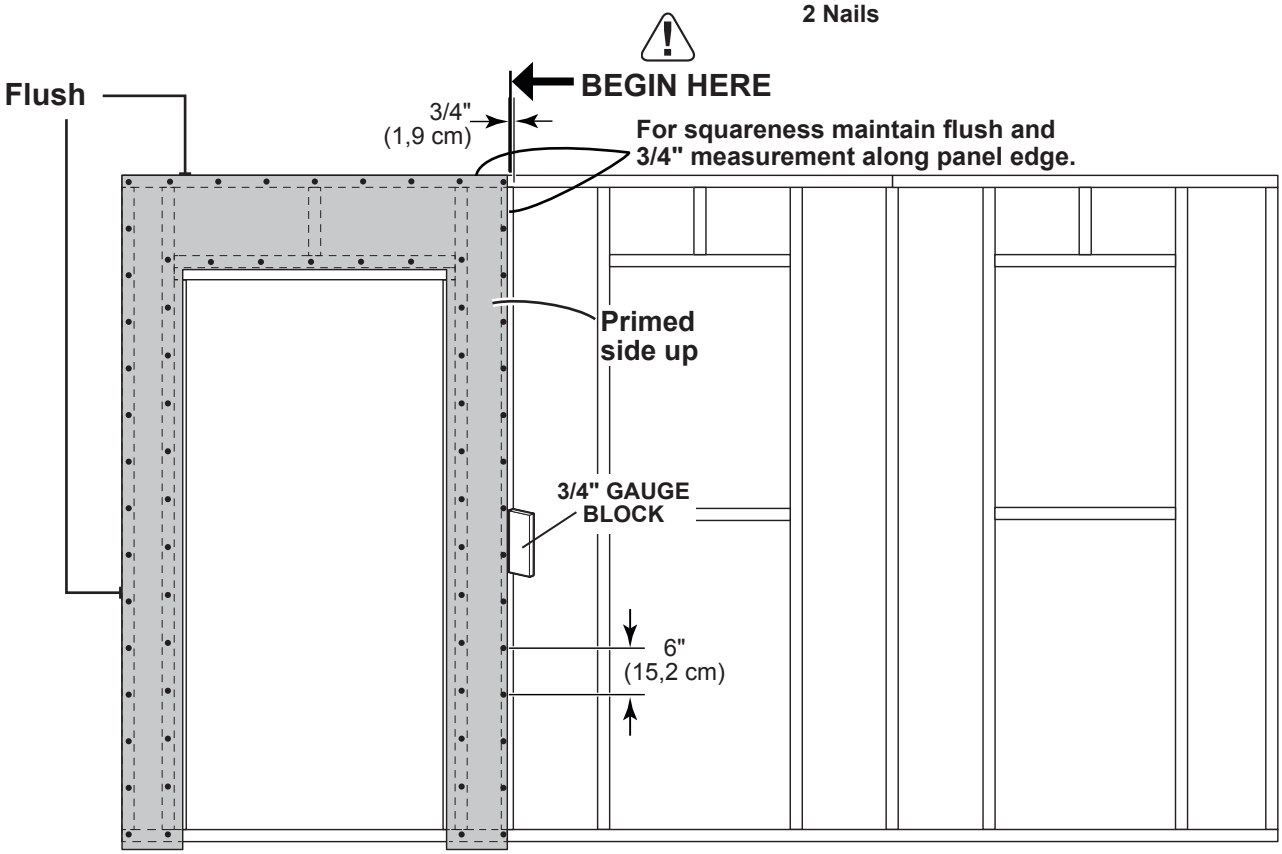


Fig. B



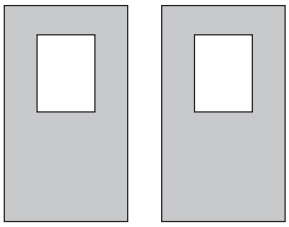


EAVE SIDE WALL WITH DOOR LEFT

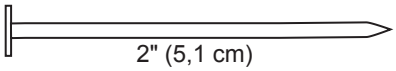
PARTS REQUIRED:

x2

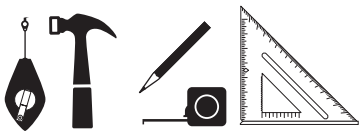
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)



x136

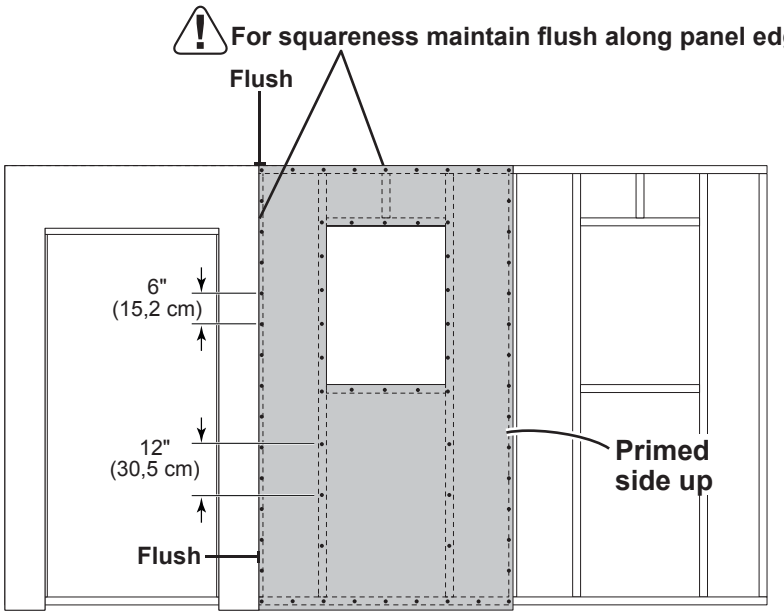


2" (5,1 cm)



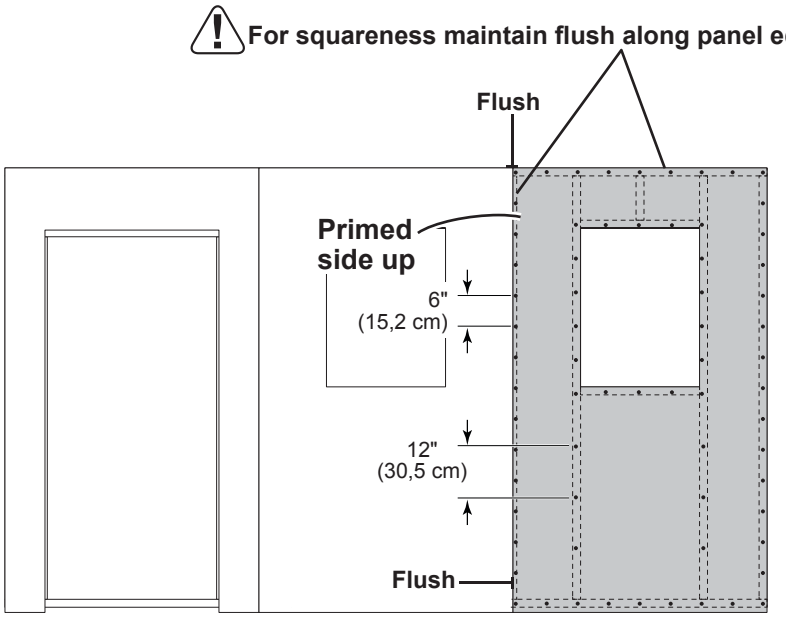
7 Place center **48" x 84"** panel on frame as shown with primed side facing up.

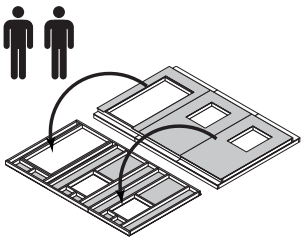
Nail using 2" nails 6" apart on edges and 12" apart inside panel.



8 Place end **48" x 84"** panel on frame as shown with primed side facing up.

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





9 Carefully flip the EAVE WALL over.

FINISH

10 You have finished building your eave wall.

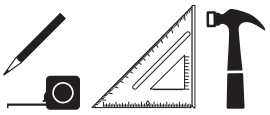
Go to page 30.

EAVE SIDE WALL WITH DOOR RIGHT

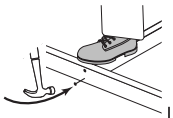
PARTS REQUIRED:

x58 — 3" (7,6 cm)

x3	CPA	2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)
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	SP	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
x8	TK	2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)
x2	TP	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

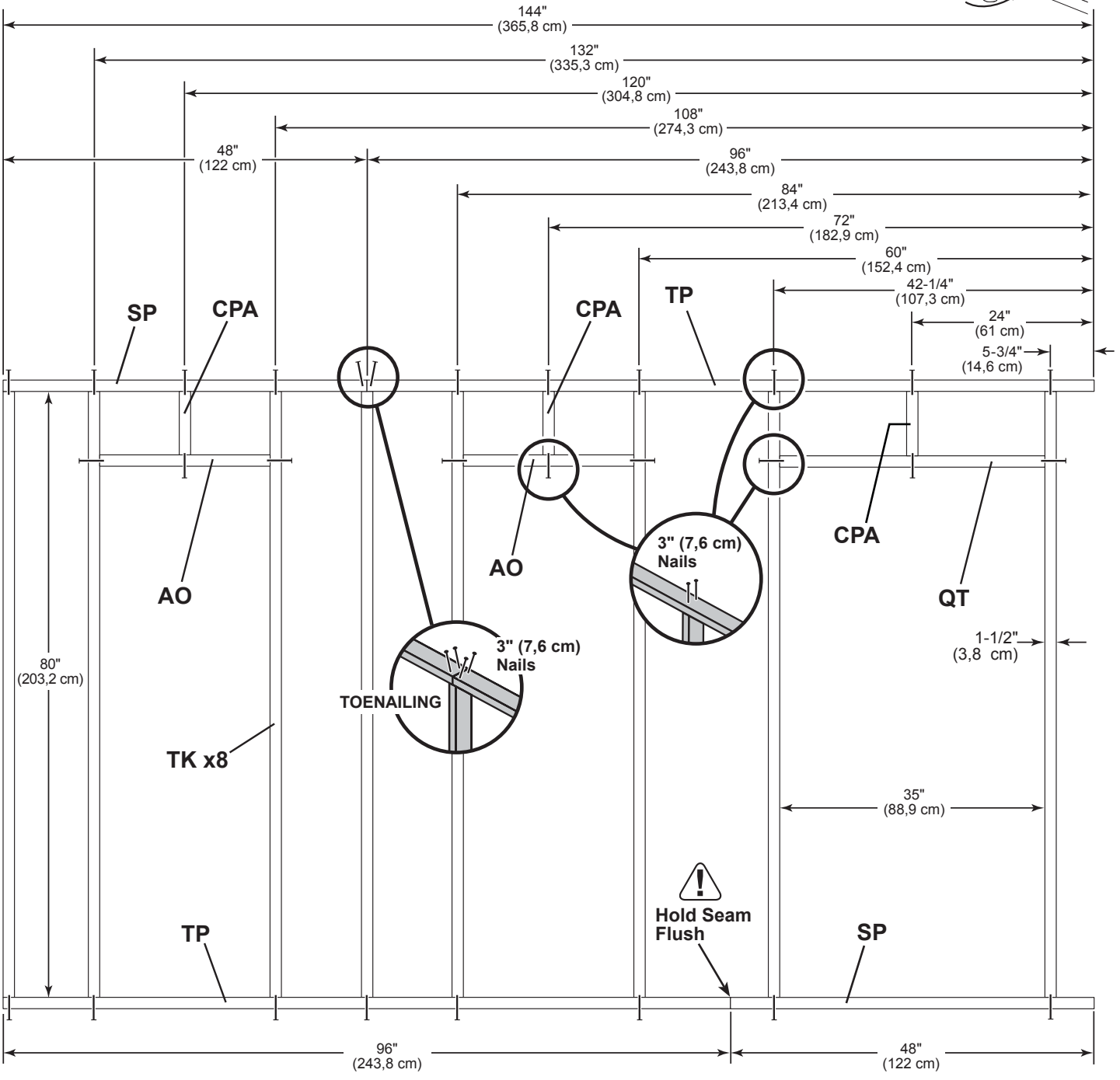


HINT:
For easier nailing stand on frame.



✓BEGIN

1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark and four 3" nails at seams.



EAVE SIDE WALL WITH DOOR RIGHT

PARTS REQUIRED:

x42 — 3" (7,6 cm)

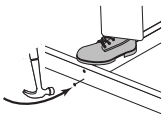
x2 AO — 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

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

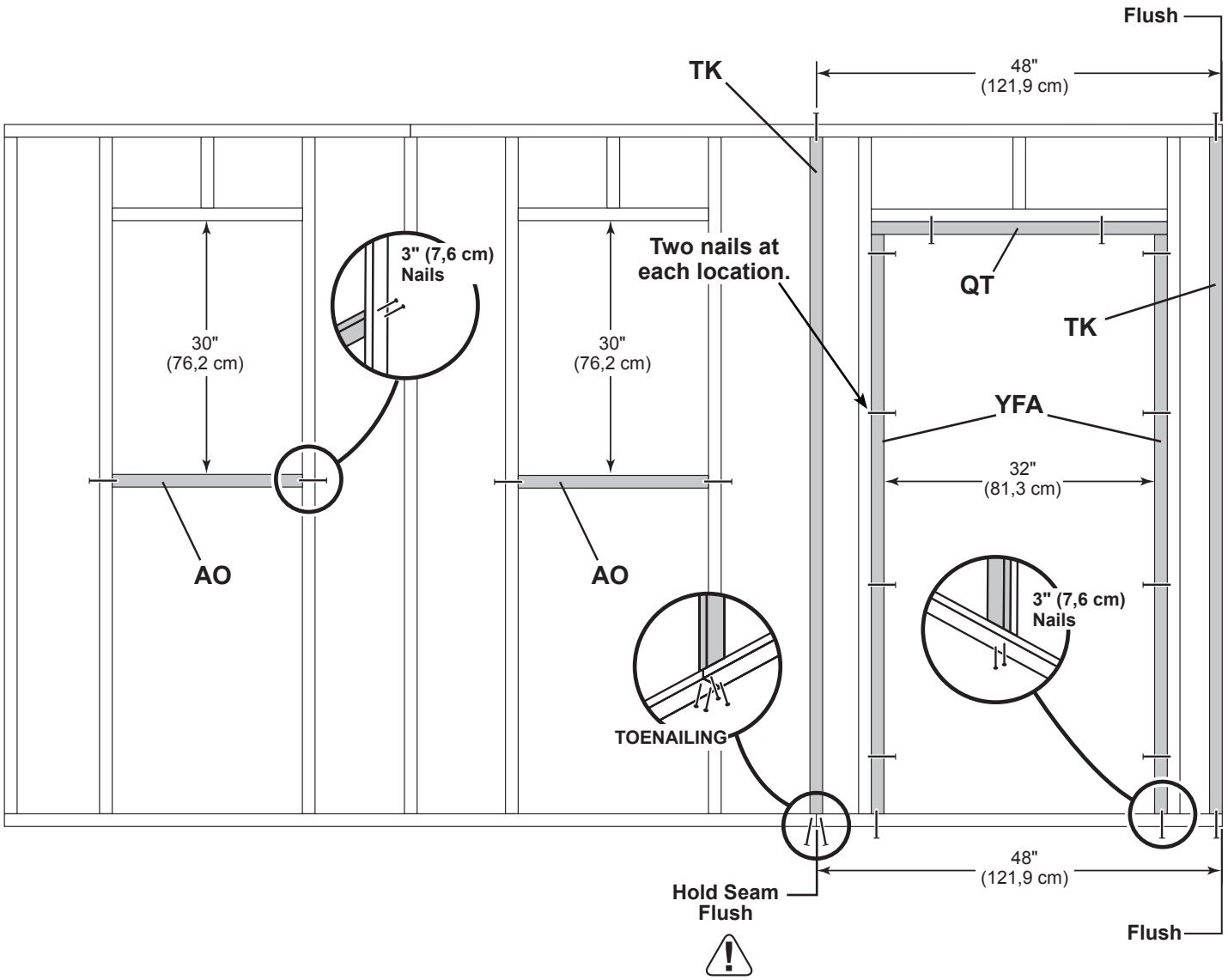
x2 YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x2 TK — 2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)

HINT:
For easier nailing stand on frame.



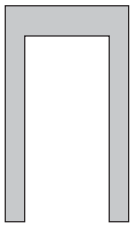
3 Orient parts on edge on floor as shown. Measure and mark. Use two 3" nails at each mark and four 3" nails at seams.



EAVE SIDE WALL WITH DOOR RIGHT

PARTS REQUIRED:

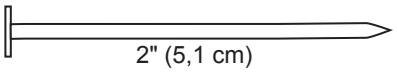
3/4" GAUGE BLOCK



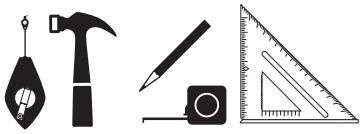
x1

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

x68



2" (5,1 cm)



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

4 Place **48 x 84"** panel onto wall frame flush to top of frame with primed side up as shown. Use the gauge block to mark the 3/4" measurement on the wall stud. Secure panel with two 2" nails in the corners **(Fig. A)**.

5 Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with two 2" nails **(Fig. B)**.

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

Fig. A

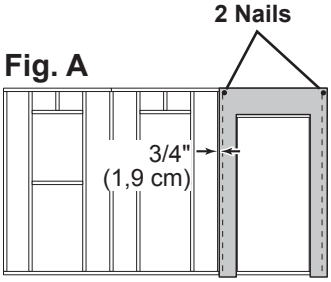
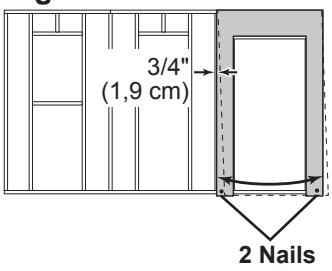
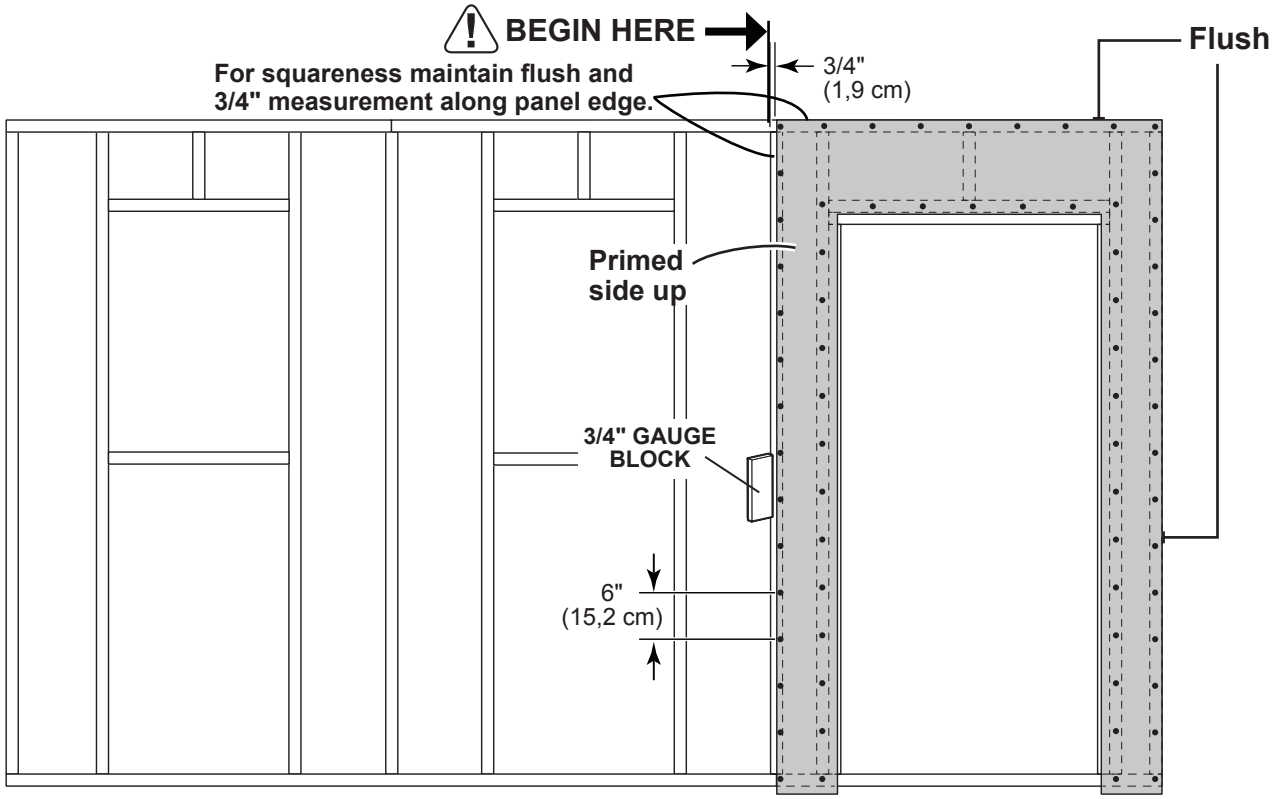


Fig. B



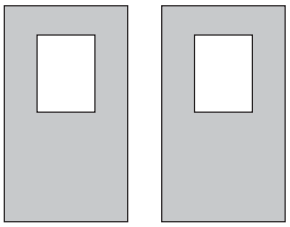


EAVE SIDE WALL WITH DOOR RIGHT

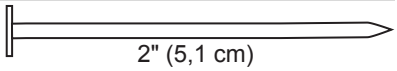
PARTS REQUIRED:

x2

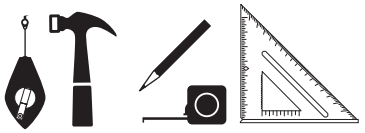
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)



x136



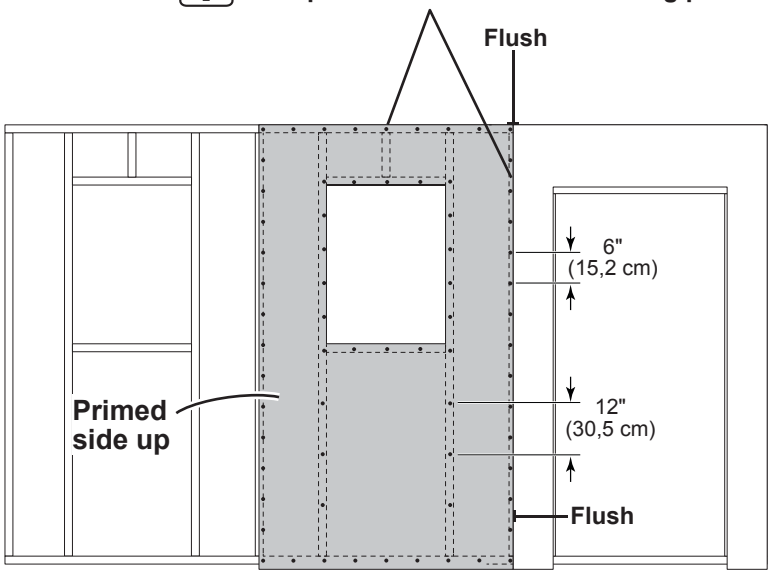
2" (5,1 cm)



7 Place center **48" x 84"** panel on frame as shown with primed side facing up.

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

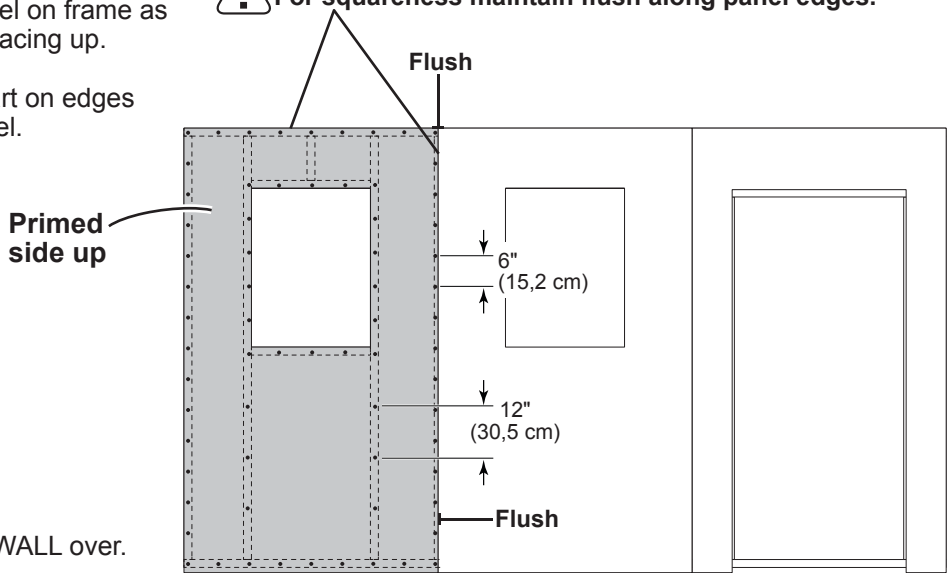
For squareness maintain flush along panel edges.

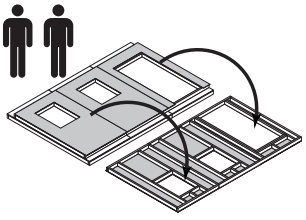


8 Place end **48" x 84"** panel on frame as shown with primed side facing up.

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

For squareness maintain flush along panel edges.





9 Carefully flip the EAVE WALL over.

FINISH

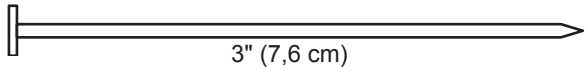
10 You have finished building your eave wall.

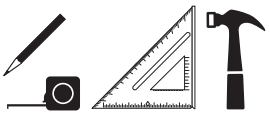
Go to page 30.

EAVE SIDE WALL WITH DOOR CENTERED

PARTS REQUIRED:

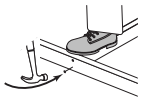
x3 CPA 2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)
x2 AO 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)
x1 QT 2 x 4 x 35" (5,1 x 10,2 x 88,9 cm)
x2 SP 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
x8 TK 2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)
x2 TP 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x58 
3" (7,6 cm)

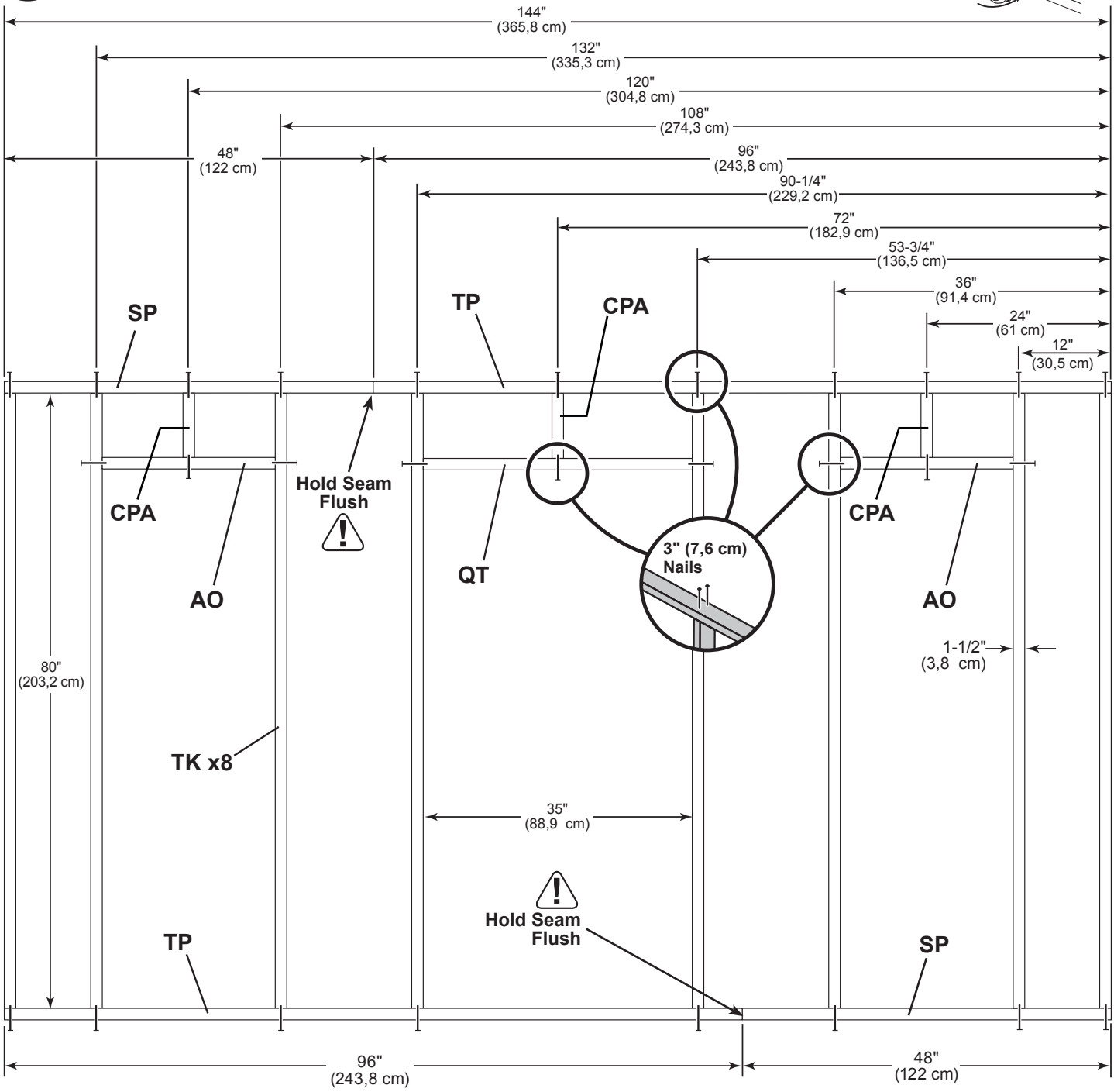


BEGIN

HINT: For easier nailing stand on frame.



1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark and four 3" nails at seams.



EAVE SIDE WALL WITH DOOR CENTERED

PARTS REQUIRED:

x42 — 3" (7,6 cm)

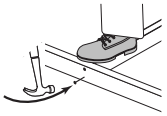
x2 AO — 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)

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

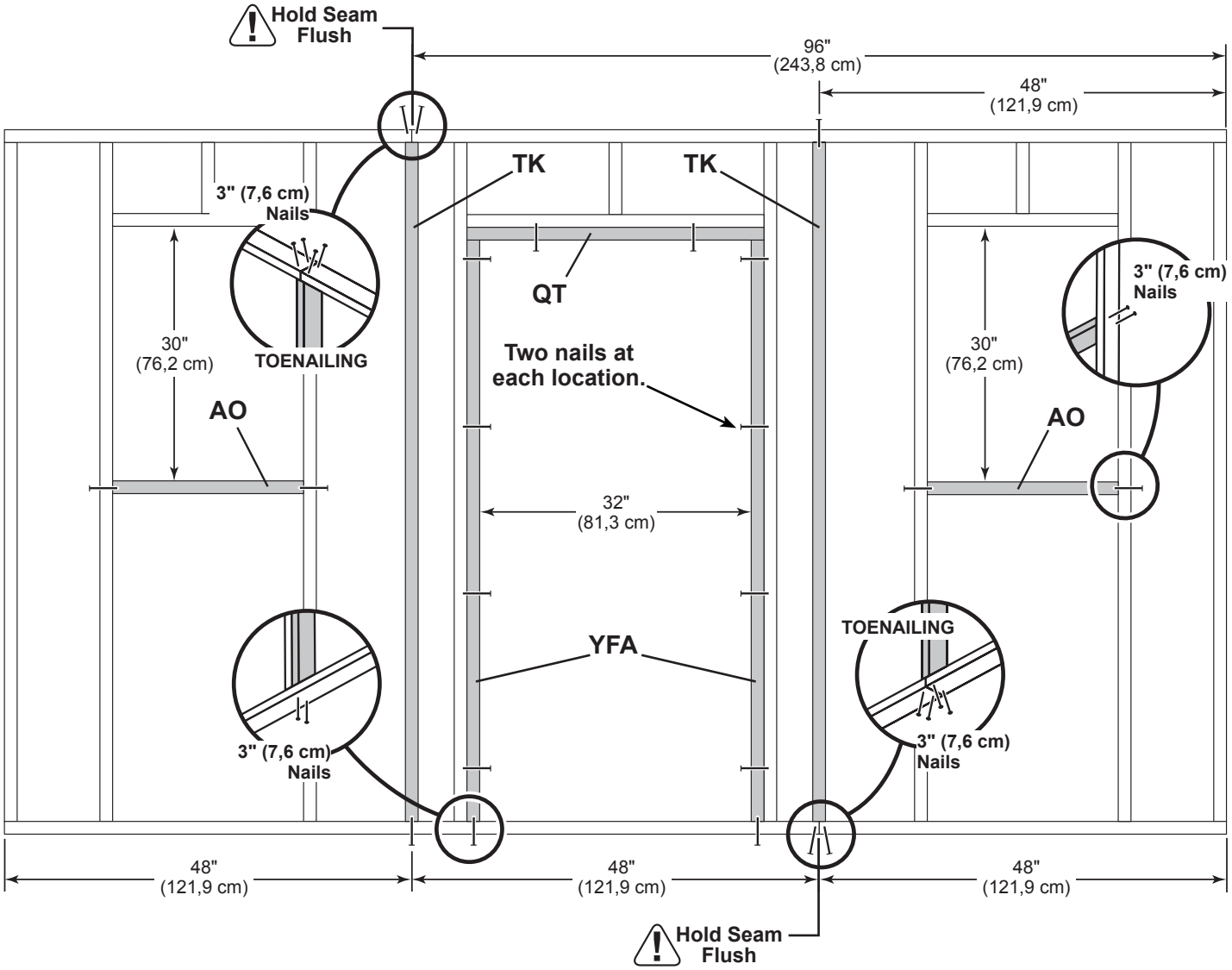
x2 YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)

x2 TK — 2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)

HINT: For easier nailing stand on frame.



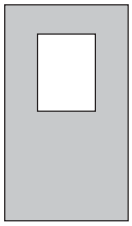
3 Orient parts on edge on floor as shown. Measure and mark. Use two 3" nails at each mark and four 3" nails at seams.



EAVE SIDE WALL WITH DOOR CENTERED

PARTS REQUIRED:

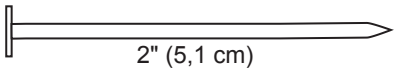
3/4" GAUGE BLOCK



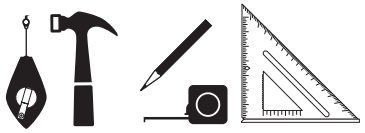
x1

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

x68



2" (5,1 cm)



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

4 Place **48 x 84"** panel onto wall frame flush to top of frame with primed side up as shown. Use the gauge block to mark the 3/4" measurement on the wall stud. Secure panel with two 2" nails in the corners **(Fig. A)**.

5 Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with two 2" nails **(Fig. B)**.

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

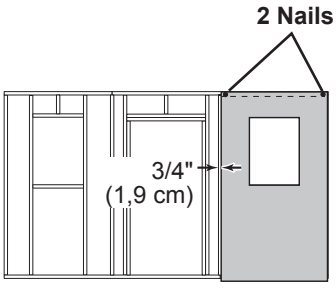


Fig. A

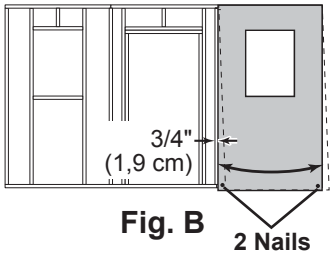
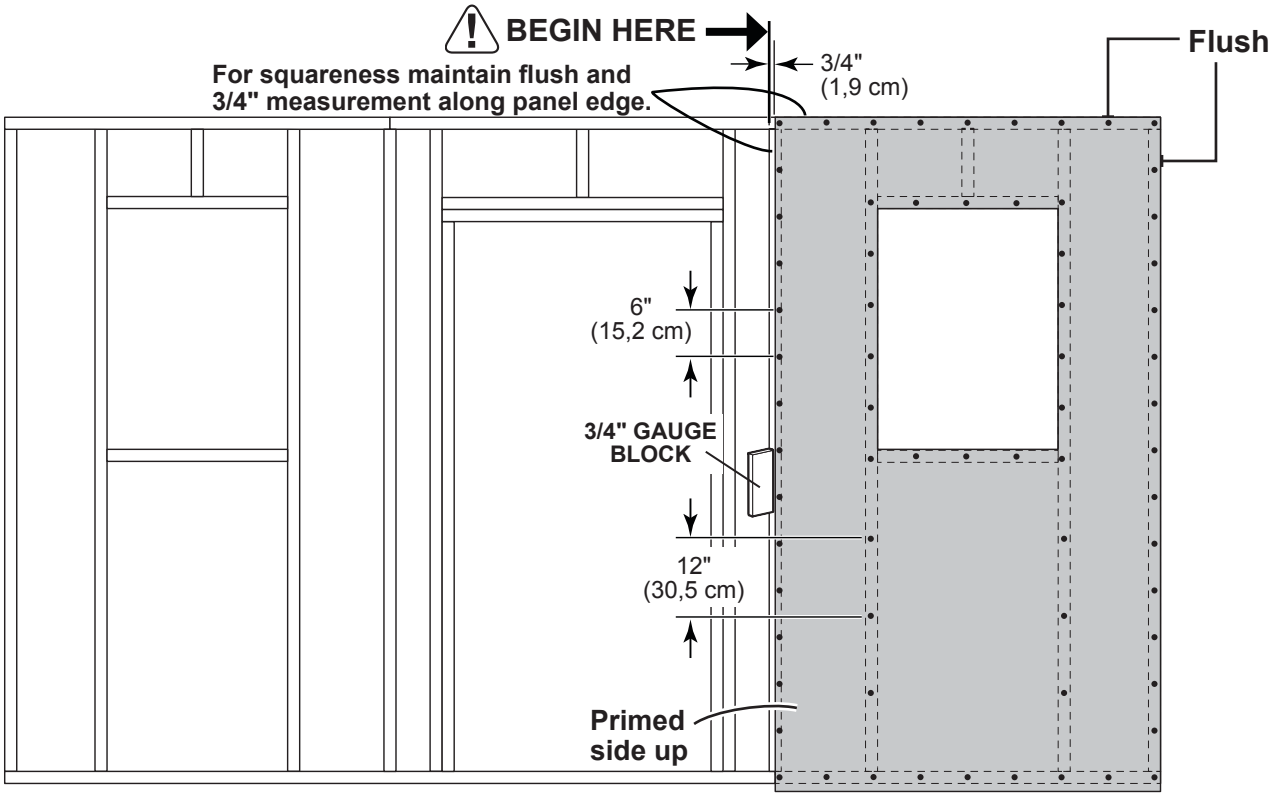


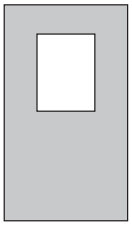
Fig. B

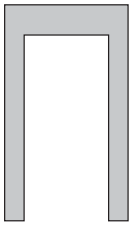


EAVE SIDE WALL WITH DOOR CENTERED

PARTS REQUIRED:

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



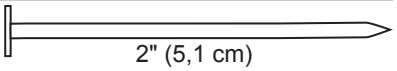


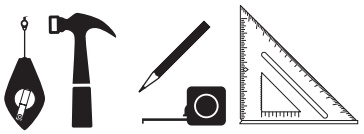
x1
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)

GAA

3/4" GAUGE BLOCK

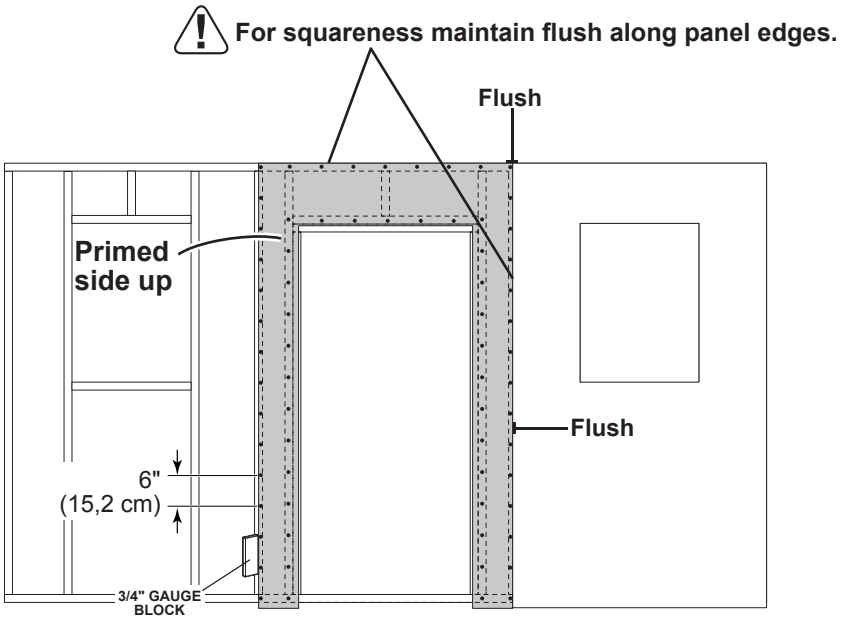
x136





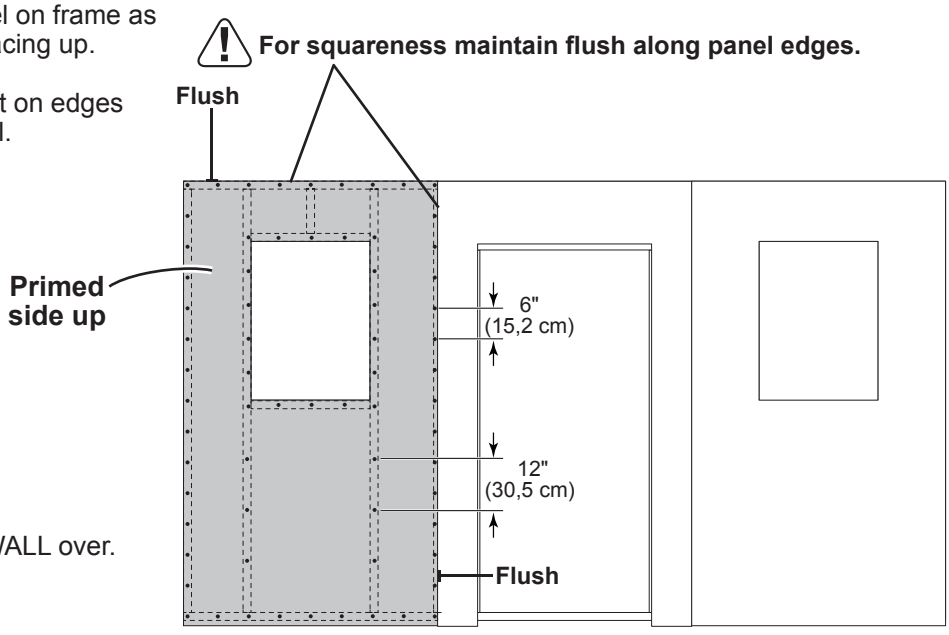
7 Place center **48" x 84"** panel on frame as shown with primed side facing up.

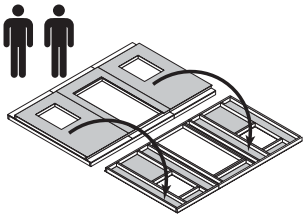
Nail using 2" nails 6" apart on edges and 12" apart inside panel.



8 Place end **48" x 84"** panel on frame as shown with primed side facing up.

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





9 Carefully flip the EAVE WALL over.

FINISH

10 You have finished building your eave wall.

Go to page 30.

EAVE SIDE WALL FRAME

PARTS REQUIRED:

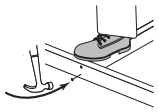
x32 3" (7,6 cm)

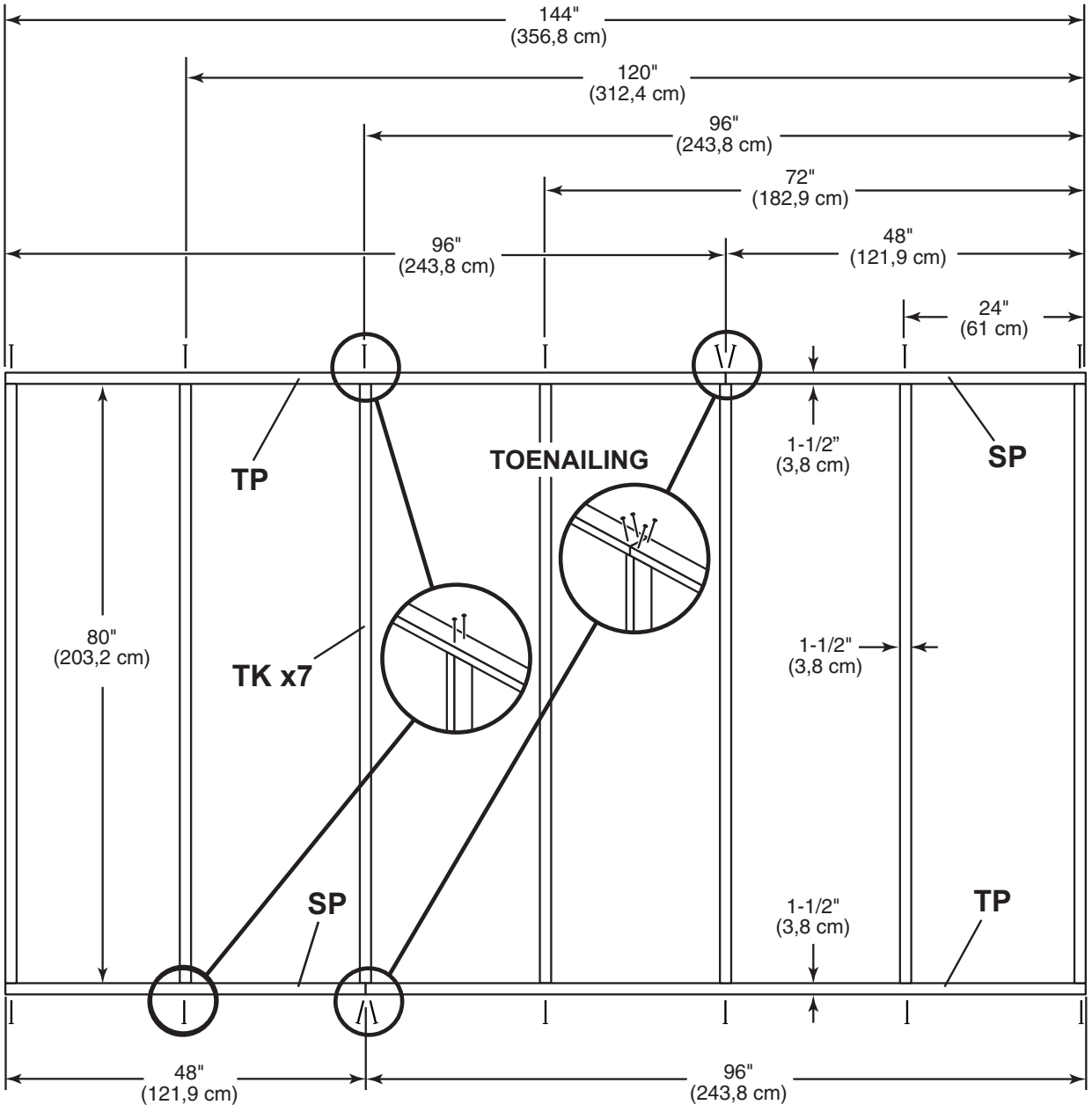
x2	**SP**	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
x7	**TK**	2 x 4 x 80" (5,1 x 10,2 x 203,2 cm)
x2	**TP**	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

BEGIN

1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark and four 3" nails at seams

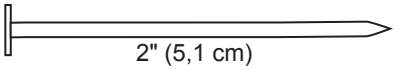
HINT:
For easier nailing stand on frame.





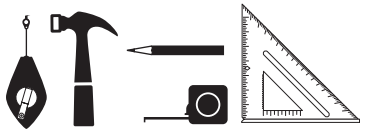
EAVE SIDE WALL PANELS

PARTS REQUIRED:

x45 

x1 
48 x 84"
(121,9 x 213,4 cm)

3/4" GAUGE BLOCK



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

3 Place **48 x 84"** panel onto wall frame flush to top of frame with primed side up as shown.

Use the gauge block to mark the 3/4" measurement on the wall stud. Secure panel with two 2" nails in the corners **(Fig. A)**.

4 Move to the opposite end. Using the long edge of the panel as a lever move the panel side-to-side until you have a 3/4" measurement on the wall stud. Secure corner with two 2" nails **(Fig. B)**.

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

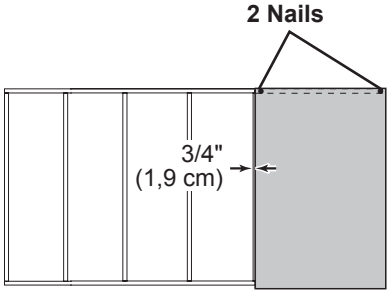


Fig. A

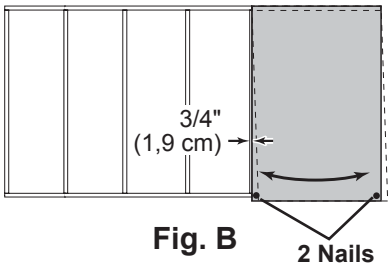
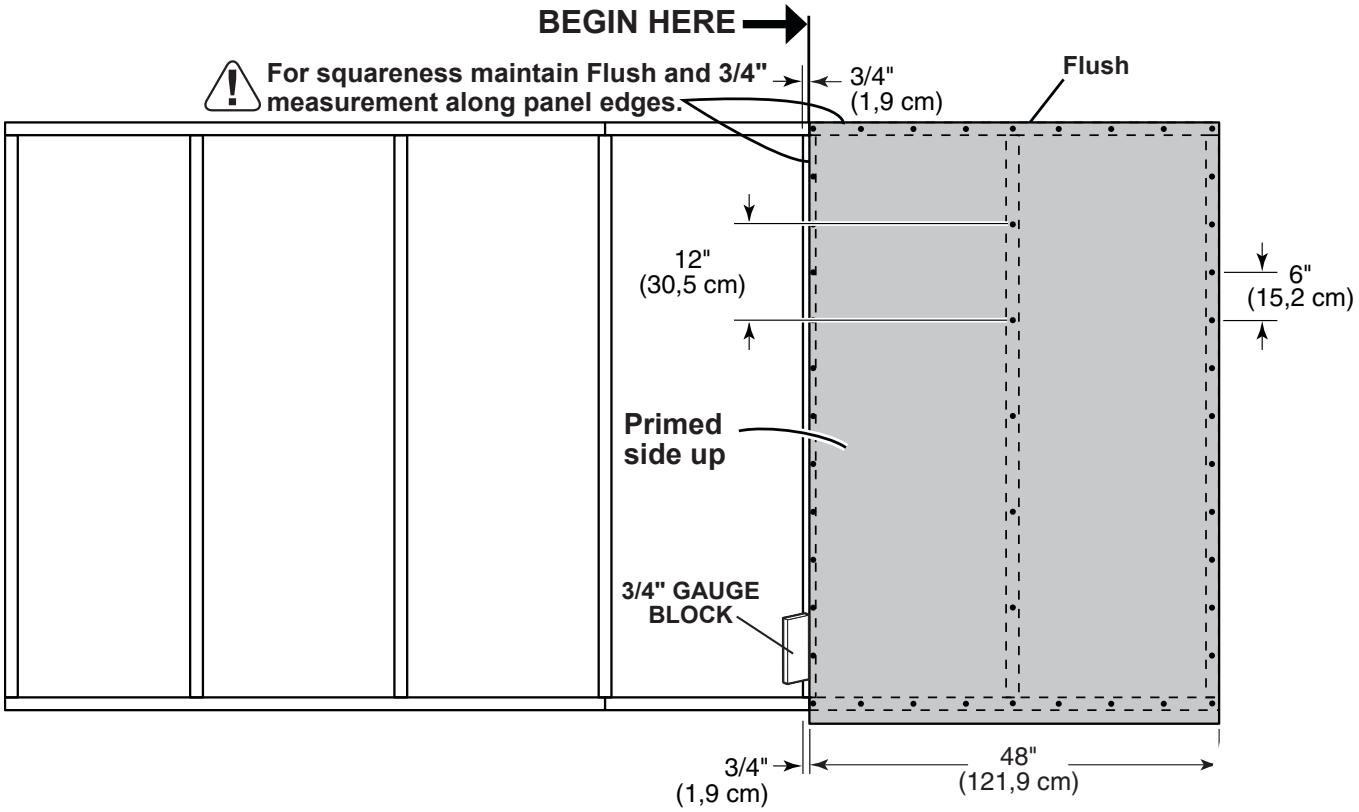


Fig. B



EAVE SIDE WALL PANELS

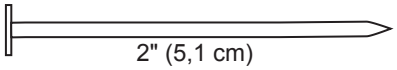
PARTS REQUIRED:

x2

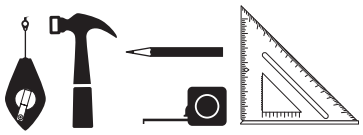
48 x 84"
(121,9 x 213,4 cm)

3/4" GAUGE BLOCK

x90



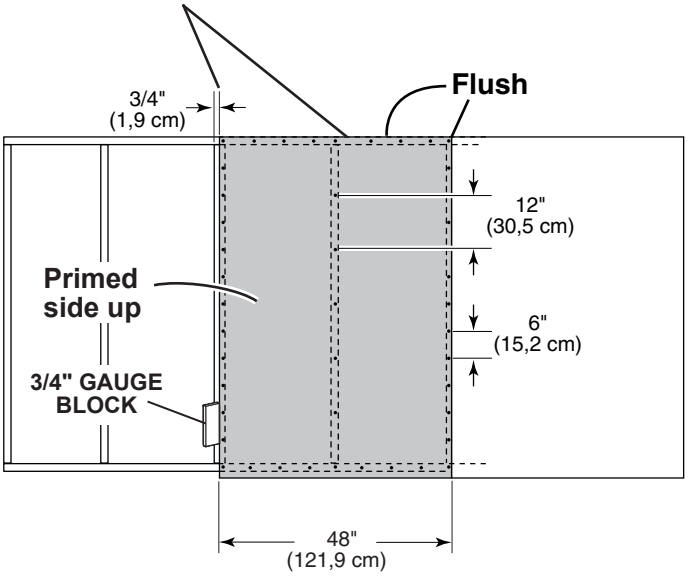
2" (5,1 cm)



For squareness maintain flush and 3/4" measurement along panel edges.

6 Place center **48" x 84"** panel on frame as shown with primed side facing up.

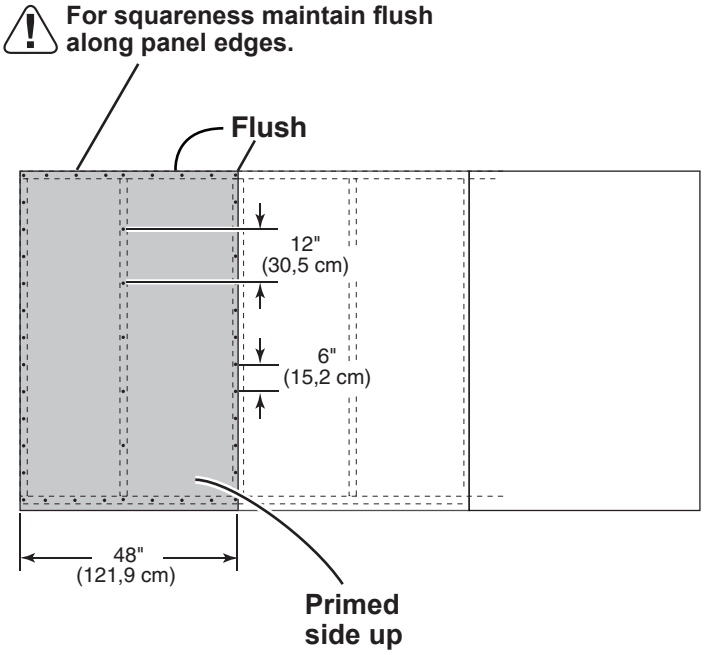
Nail using 2" nails 6" apart on edges and 12" apart inside panel.

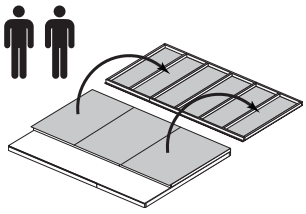


For squareness maintain flush along panel edges.

7 Place end **48" x 84"** panel on frame as shown with primed side facing up.

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





8 Carefully flip the EAVE WALL over.

FINISH

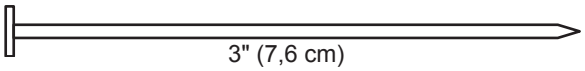
9 You have finished building your eave wall.

GABLE END WALL

PARTS REQUIRED:

x5 TK
2 x 4 x 80" (5 x 10,2 x 203,2 cm)

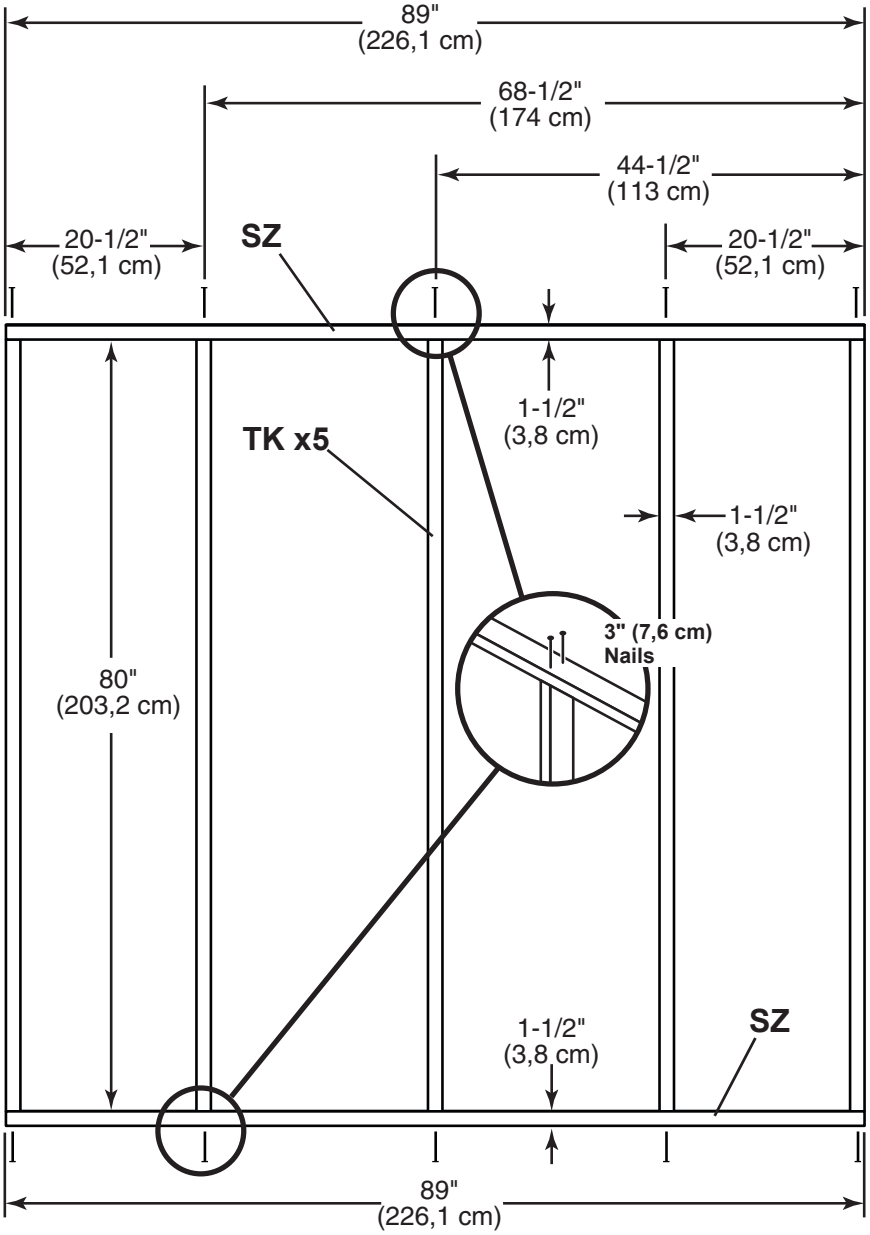
x2 SZ
2 x 4 x 89" (5 x 10,2 x 226,1 cm)

x20

3" (7,6 cm)

BEGIN

1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark.

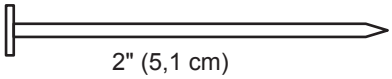

HINT:
For easier nailing stand on frame.



GABLE END WALL

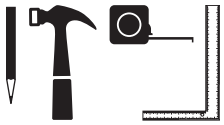
PARTS REQUIRED:

x50



2" (5,1 cm)

3/4" GAUGE BLOCK



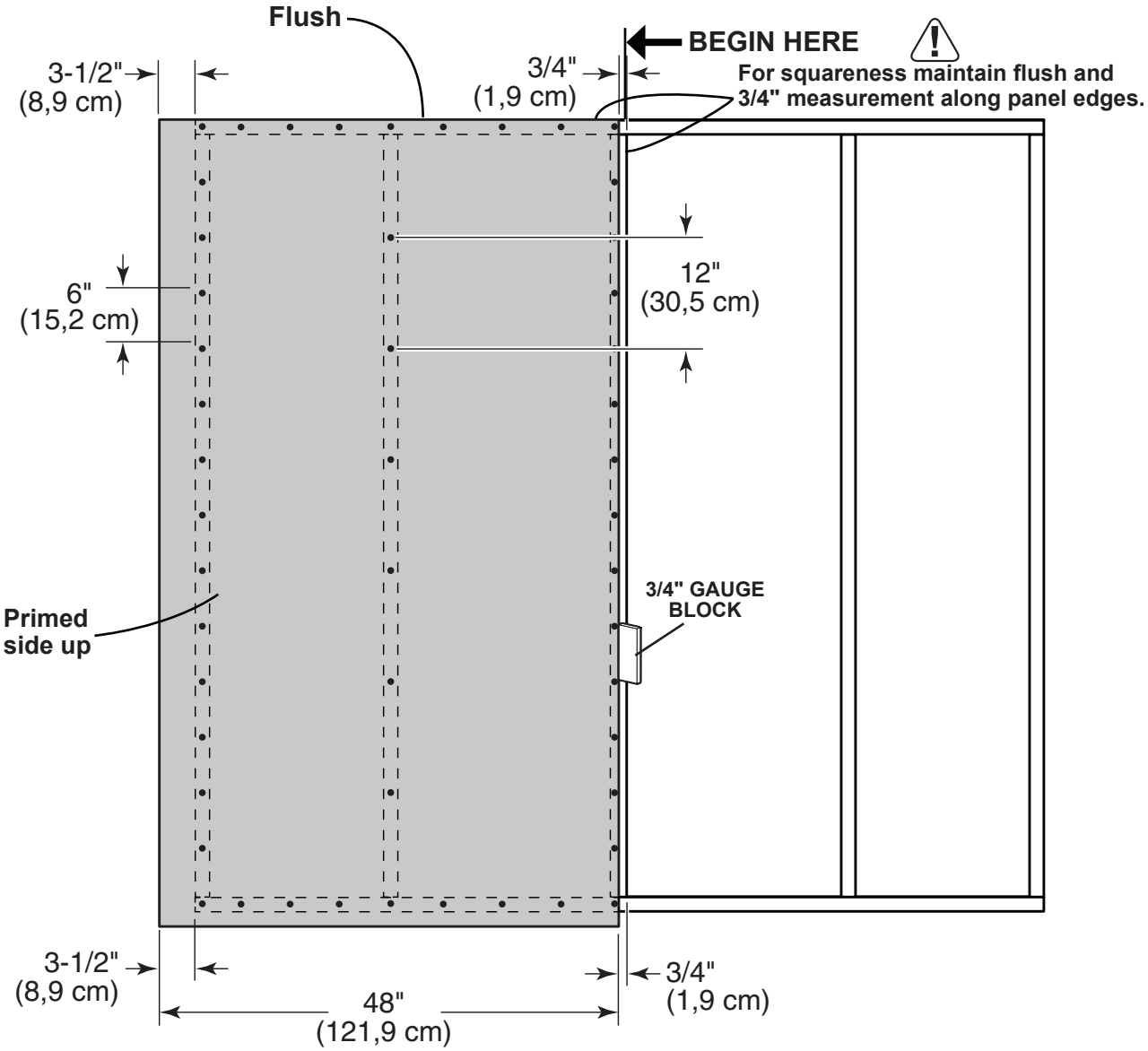
x1

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

3 Place panel with primed side up onto frame flush at top and with a 3/4" gap along right side.

⚠ **Maintain 3/4" measurement along edge.**

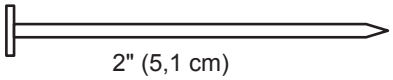
4 Secure panel to frame using 2" (5,1 cm) nails 6" (15,2 cm) apart along edges.



GABLE END WALL

PARTS REQUIRED:

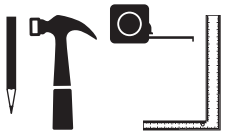
x50



2" (5,1 cm)

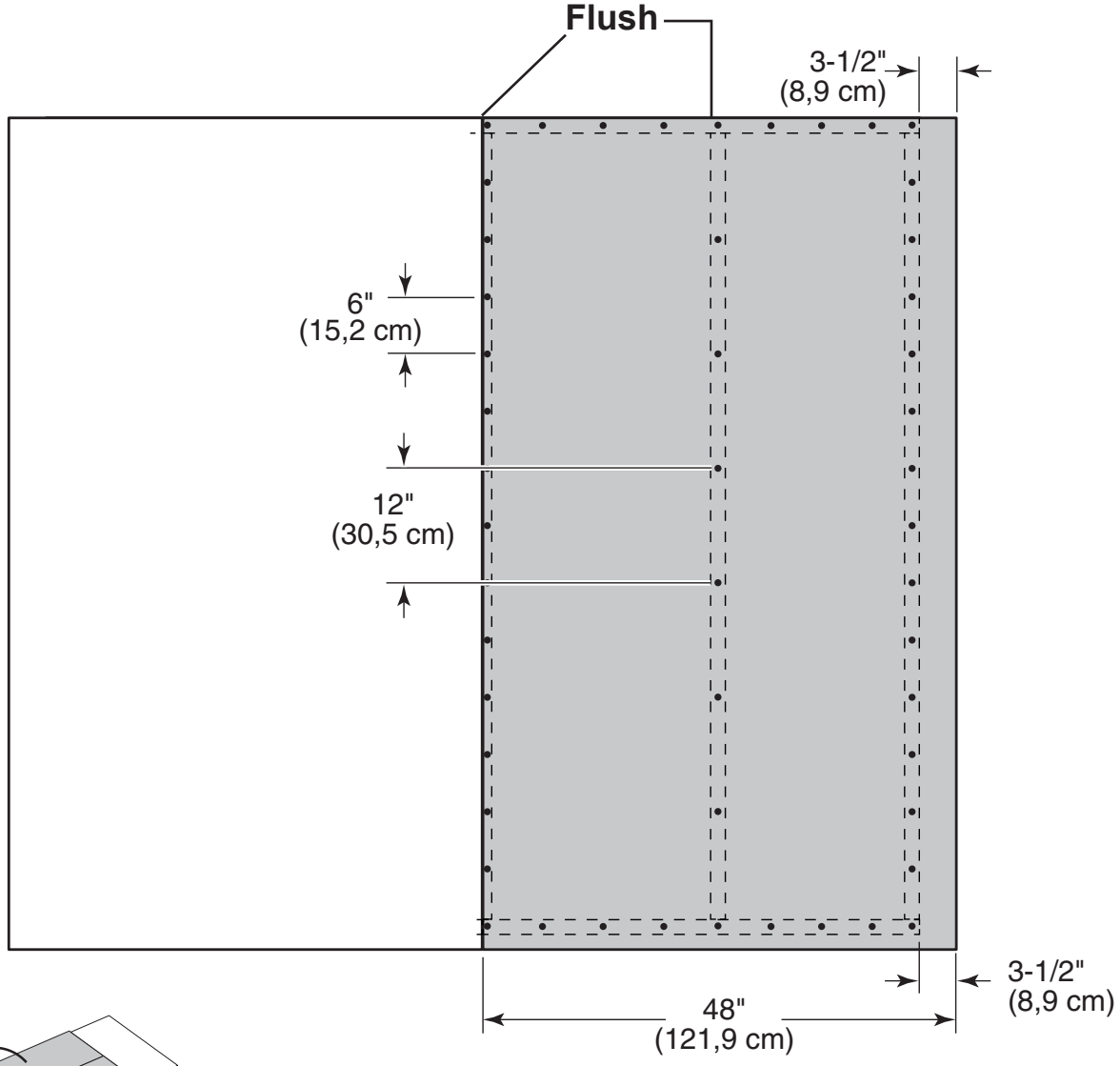
x1

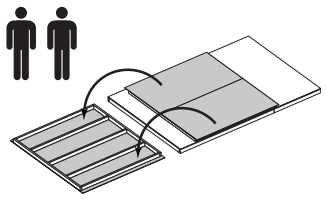
48 x 84"
(121,9 x 213,4 cm)



5 Place right panel flush to left panel with primed side up.

Secure using 2" (5,1 cm) nails 6" (15,2 cm) apart on edges and 12" (30,5 cm) apart on inside of panel.





6 Carefully flip the GABLE WALL over.

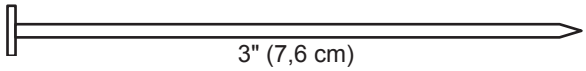
FINISH

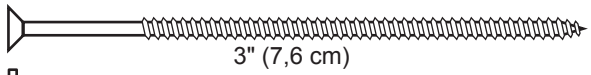
7 You have finished building your gable end wall.

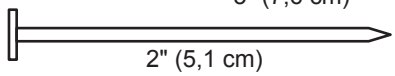
EAVE WALL WITH SINGLE DOOR & WINDOW

PARTS REQUIRED (TEMPORARY):

x1 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

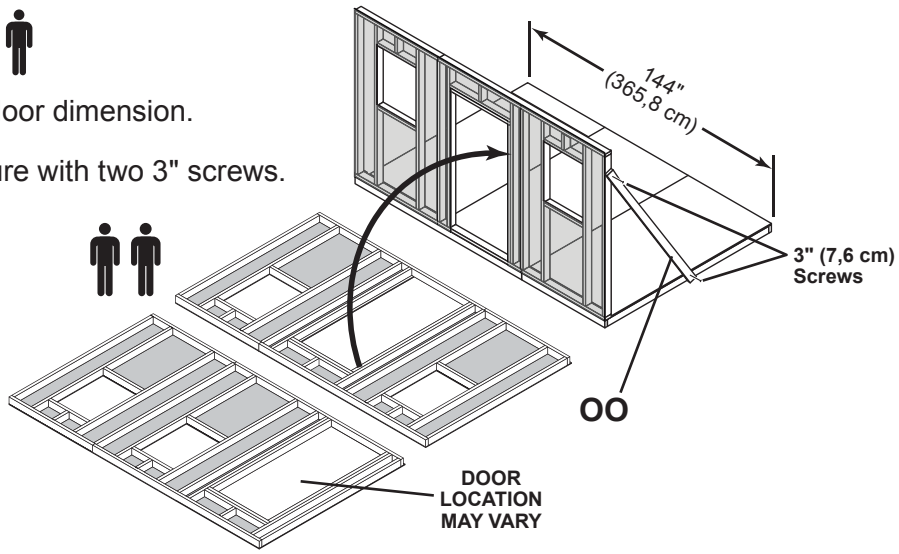
x14

3" (7,6 cm)

x2

3" (7,6 cm)

x22

2" (5,1 cm)

BEGIN
Stand door & window eave wall on floor.

1. Center wall on the 144" (365,8 cm) floor dimension.
2. Use **OO** as a temporary brace. Secure with two 3" screws.



3. First, nail lower edge of panel to floor frame using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. A)**.
4. Secure wall bottom plates to floor using 3" nails **(Fig. A)**.

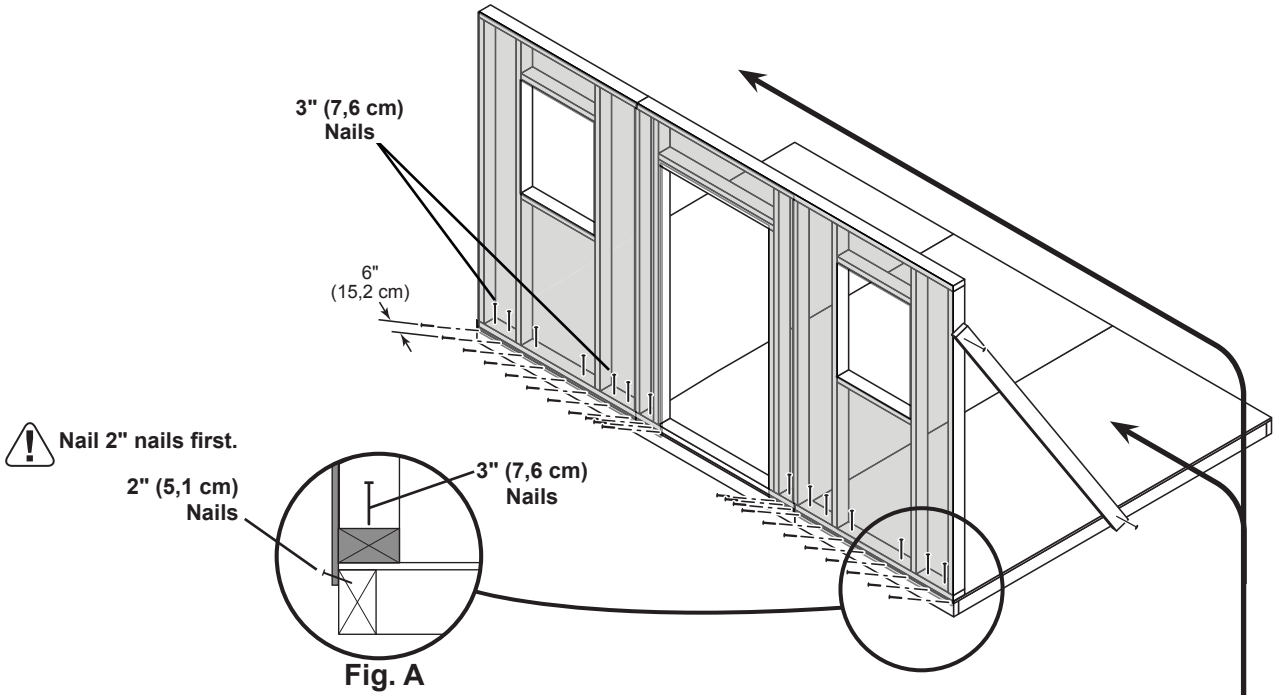


Fig. A

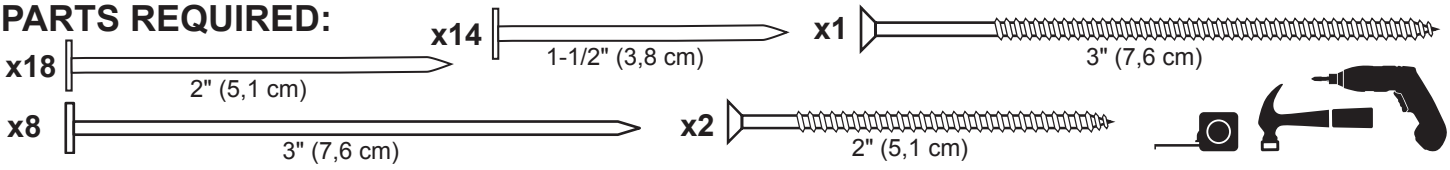
FINISH

5. You have finished standing your door & window eave wall.

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

GABLE SOLID WALL

PARTS REQUIRED:



IMPORTANT!
Determine the gable end wall you want your double doors on now.
Then, install this solid wall on opposite end.

BEGIN
Stand wall on floor.

It is important to secure the gable end wall in the following order:

1 Set gable end wall on floor and secure top of wall using one 2" screw into top plate **(Fig A)**.

ENSURE TOP OF WALL FRAMES ARE FLUSH.

2 Move to the bottom of gable end wall and secure bottom of wall using one 2" screw into eave wall bottom plate **(Fig A)**.

3 Nail lower edge of panels to floor using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. B)**.

ENSURE GABLE AND EAVE WALL PANELS ARE FLUSH BEFORE SECURING.

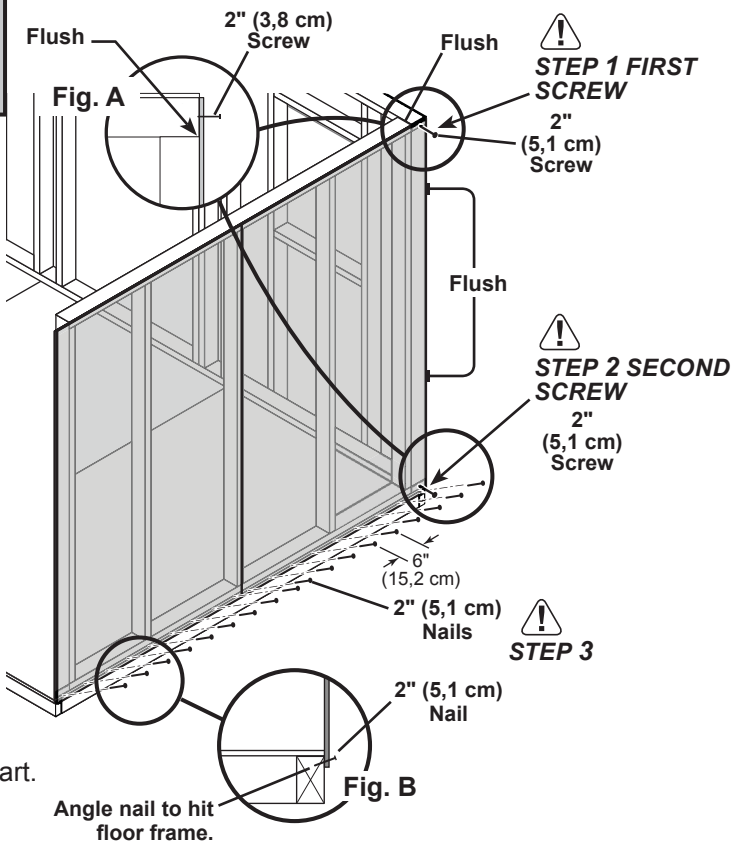
4 Nail gable end wall panel to eave wall stud using 1-1/2" nails 6" apart **(Fig. C)**.

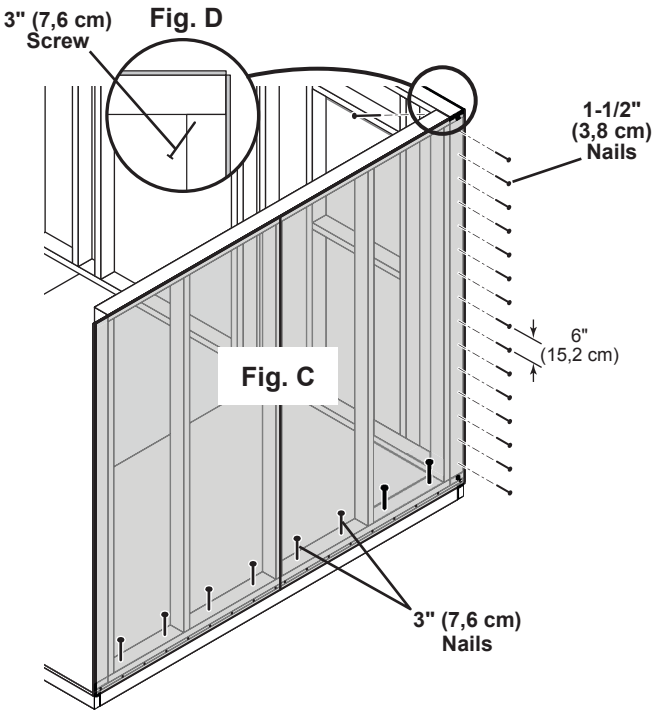
5 Secure gable end wall to floor using 3" nails **(Fig. C)**.

6 Secure gable wall top frame 2 x 4 using one 3" screw toe-screwed into eave wall frame at an angle as shown **(Fig. D)**.

FINISH

7 You have finished standing your gable end wall.





EAVE SOLID WALL

PARTS REQUIRED:

x25 — 2" (5,1 cm)

x2 — 2" (5,1 cm)

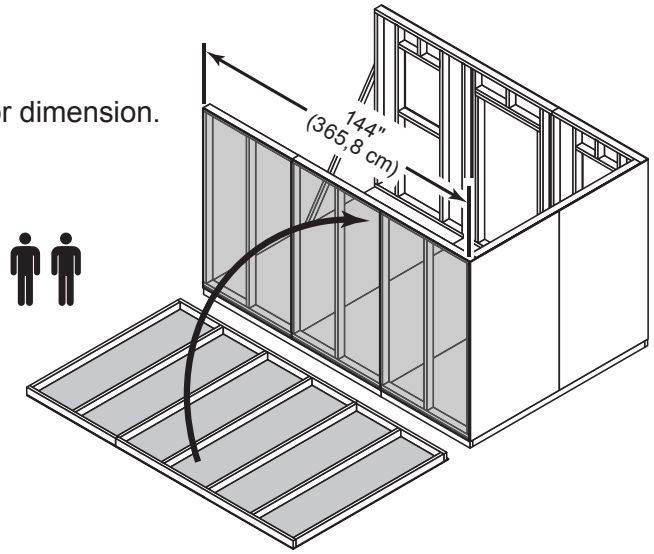
x14 — 1-1/2" (3,8 cm)

x1 — 3" (7,6 cm)

✓**BEGIN**

Stand eave wall on floor.

1 Center eave solid wall on the 144" (365,8 cm) floor dimension.



2 Secure top of wall using one 2" screw into top plate **(Fig A)**.

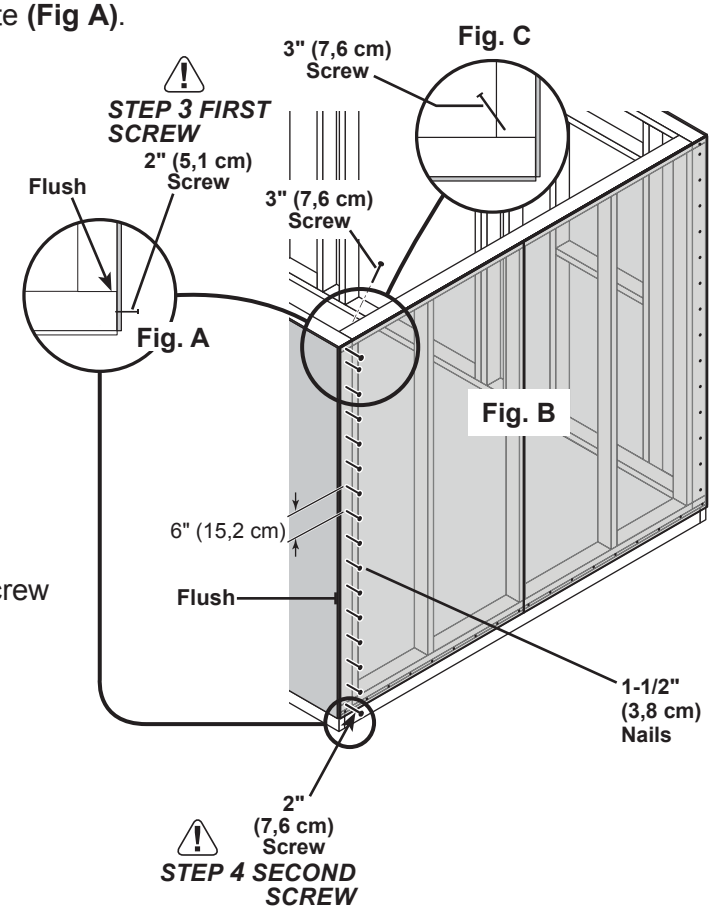
⚠ **BE SURE TOP OF WALL FRAMES ARE FLUSH.** ⚠

3 Move to the bottom of gable end wall and secure bottom of wall using one 2" screw into eave wall bottom plate **(Fig A)**.

4 Nail gable wall panel to eave wall stud using 1-1/2" nails 6" apart **(Fig. B)**.

⚠ **ENSURE GABLE AND EAVE WALL PANELS ARE FLUSH BEFORE SECURING.**

5 Secure gable wall top frame 2 x 4 using one 3" screw toe-screwed into eave wall frame at an angle as shown **(Fig. C)**.



EAVE SOLID WALL

PARTS REQUIRED:

x12 3" (7,6 cm)

x25 2" (5,1 cm)

6 Nail lower edge of eave wall panels to floor frame using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. D)**.

7 Secure eave wall bottom plates to floor using 3" nails **(Fig. D)**.

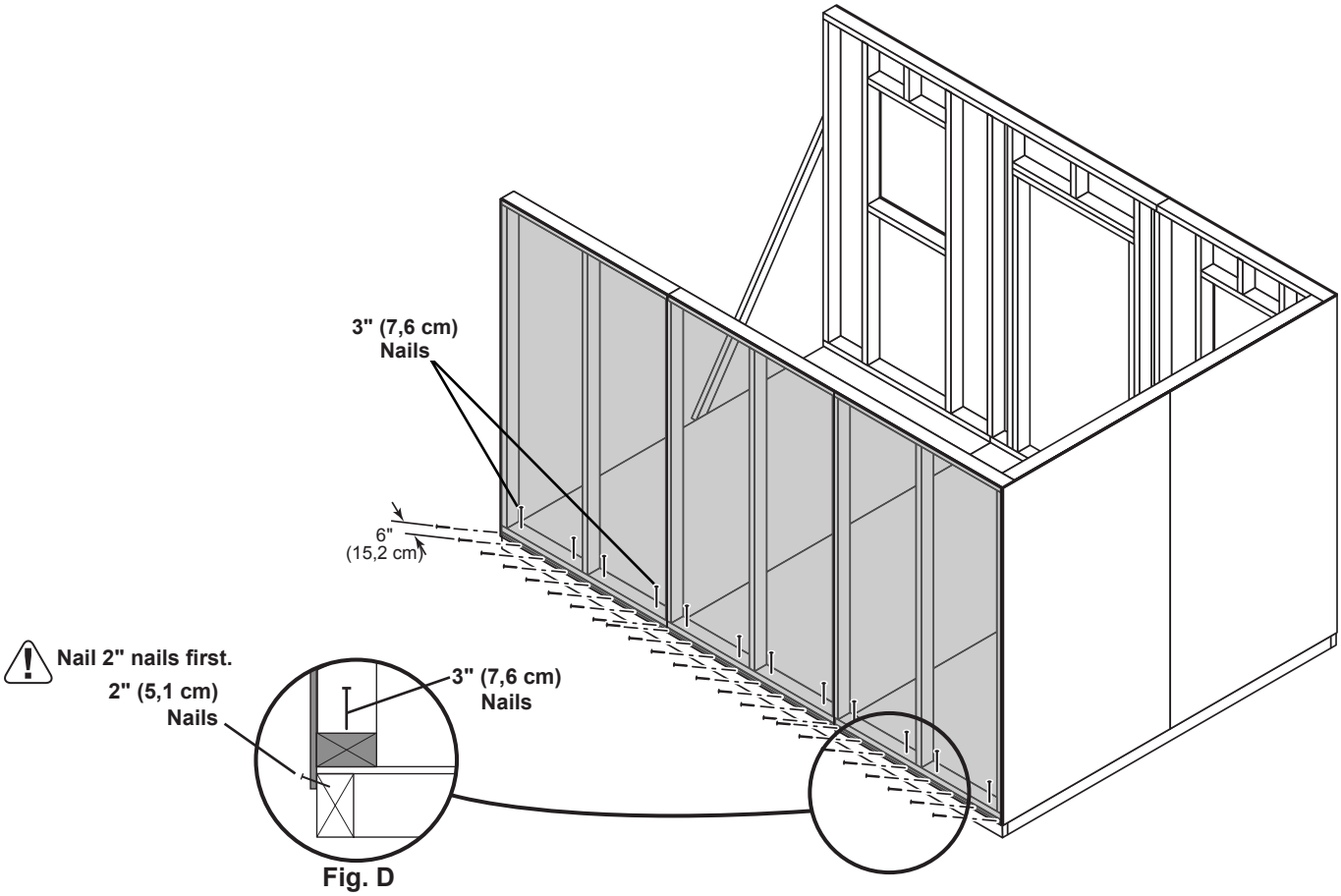


Fig. D

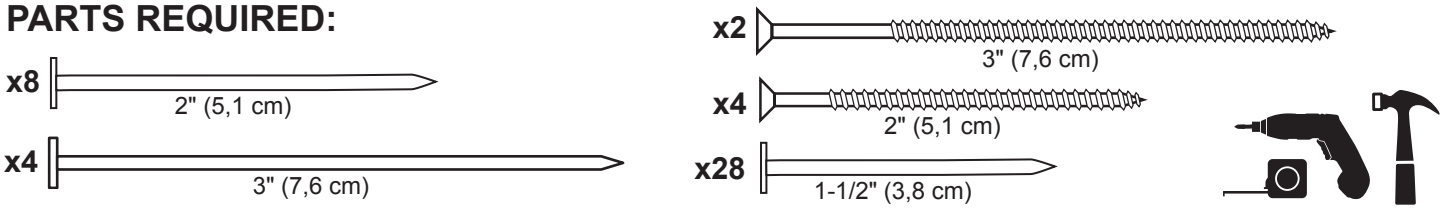
8 Remove temporary brace.

FINISH

9 You have finished standing your eave solid wall.

GABLE DOOR WALL

PARTS REQUIRED:



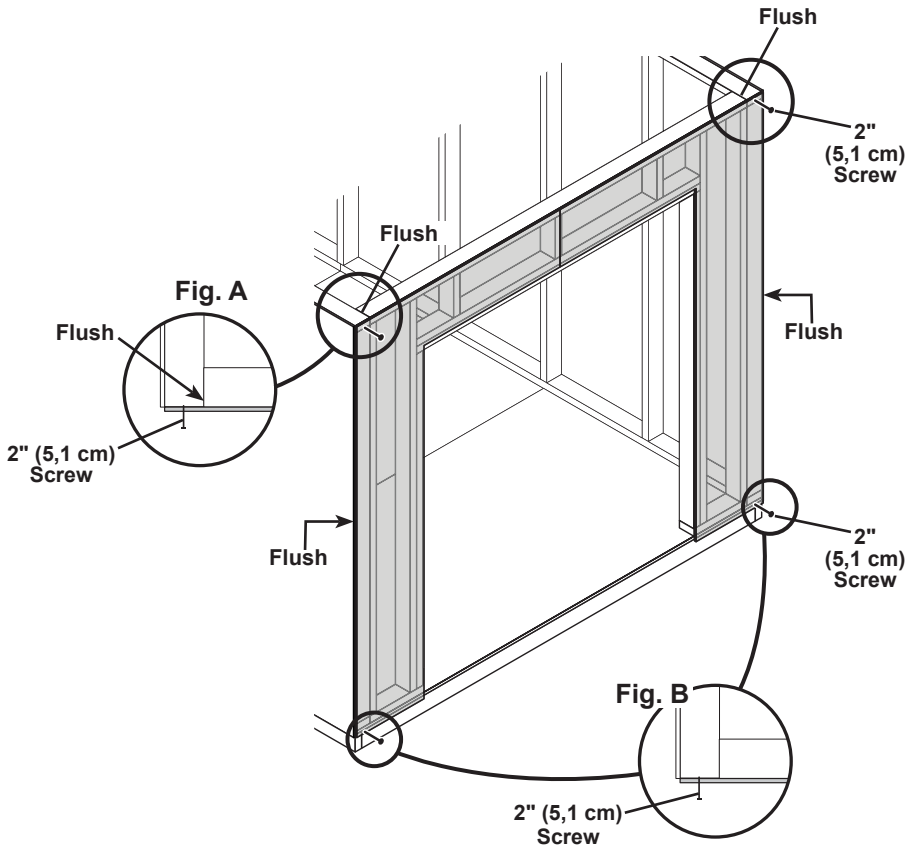
BEGIN

Stand gable door wall on floor.

⚠ It is important to secure the front wall in the following order:

1 Set gable door wall on floor and secure using one 2" screw **(Fig A)**.

⚠ **ENSURE TOP WALL FRAMES ARE FLUSH.** ⚠



2 Move to the bottom of gable end wall and secure bottom of wall using one 2" screw into eave wall bottom plate **(Fig B)**.

⚠ **ENSURE WALL PANELS ARE FLUSH BEFORE SECURING.**

GABLE DOOR WALL

PARTS REQUIRED:

3 Nail lower edge of panels to floor using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. C)**.

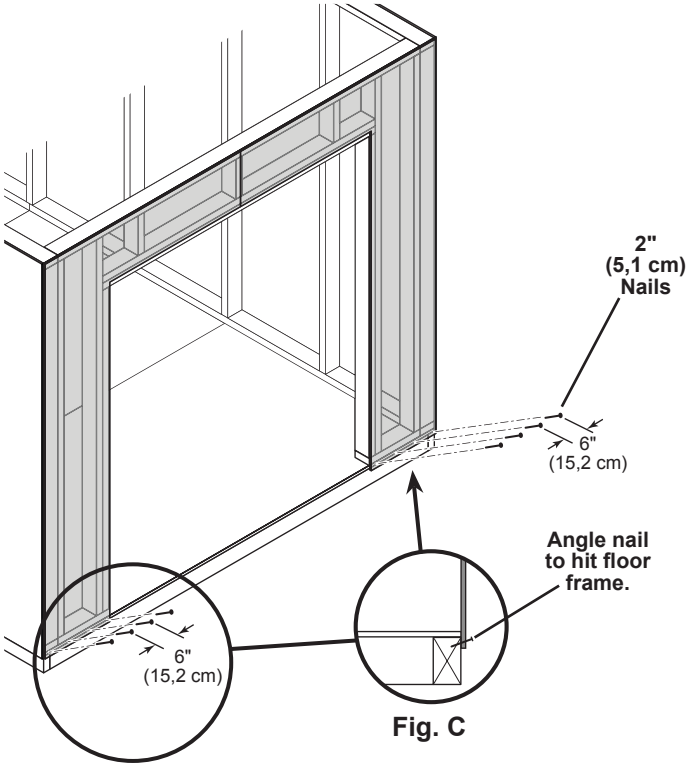
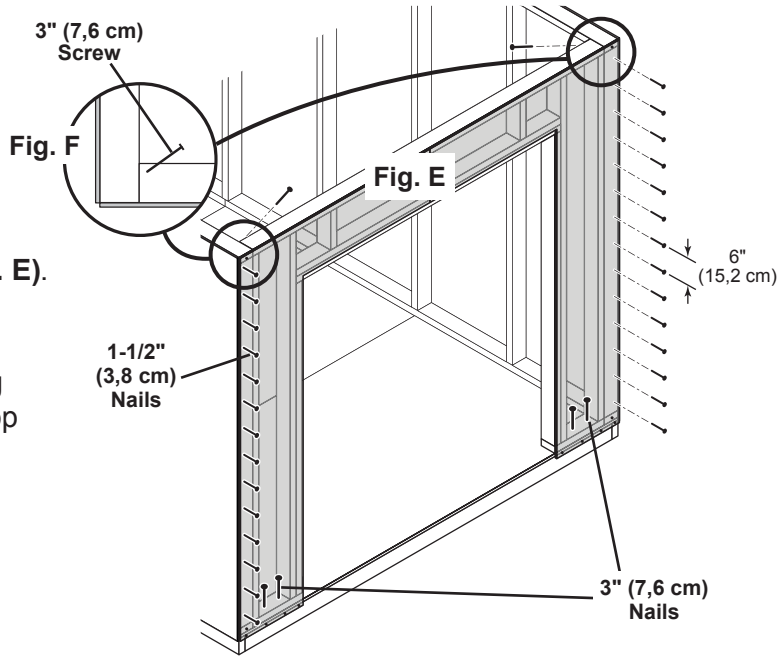


Fig. C

4 Nail gable wall panels to eave wall studs using 1-1/2" nails 6" apart **(Fig. E)**.

5 Secure gable wall to floor using 3" nails **(Fig. E)**.

6 Secure gable door wall top frame 2 x 4 using 3" screws toe-screwed at each corner into top wall frames at an angle as shown in **(Fig. F)**.



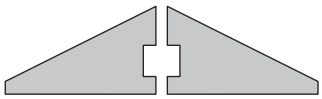
FINISH

7 You have finished standing your gable wall.

GABLE PANELS

PARTS REQUIRED:

x2 **CMA**
2 x 4 x 61-7/8" (5,1 x 10,2 x 157,2 cm)
TEMPORARY SUPPORT



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

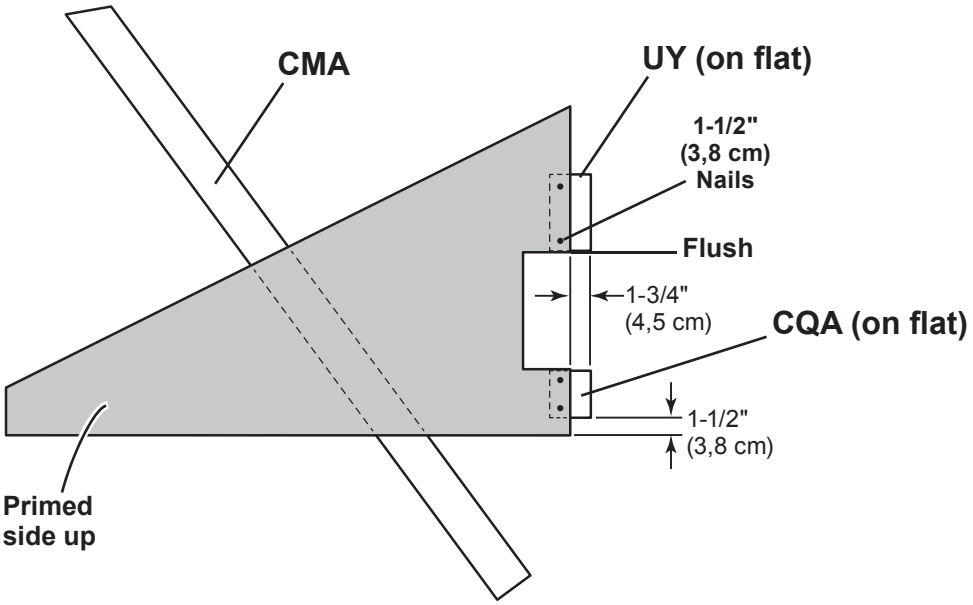
x2 **UY**
2 x 4 x 6-1/2" (5,1 x 10,2 x 18,4 cm)

x2 **CQA**
2 x 4 x 4" (5,1 x 10,2 x 10,2 cm)

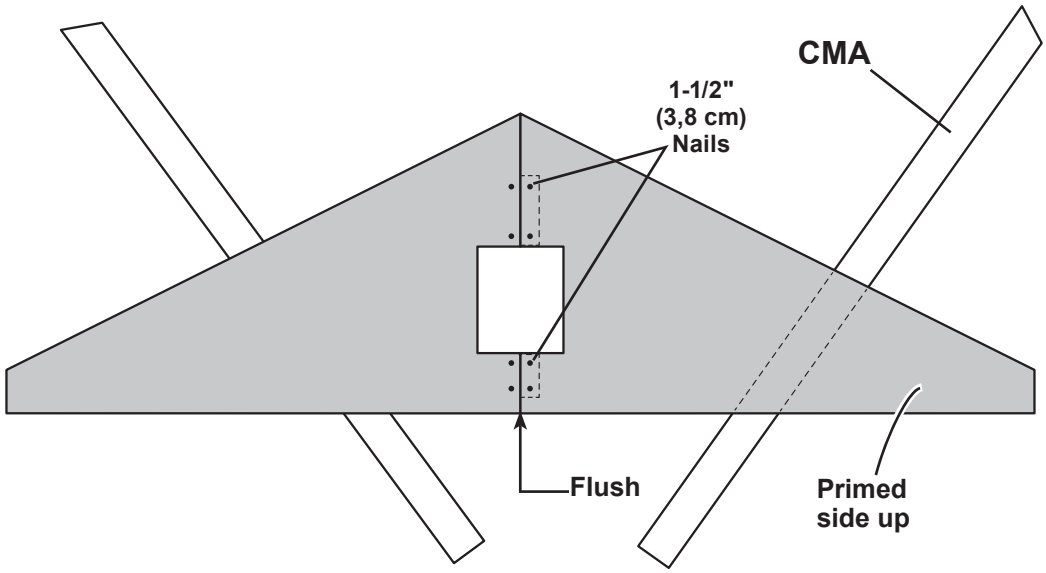
BEGIN

1 Orient parts on flat as shown.

2 You will build **TWO** assemblies. Place LEFT front gable panel as shown and secure using 1-1/2" nails as shown.



3 Place RIGHT front gable panel flush to left panel. Secure using 1-1/2" nails as shown.



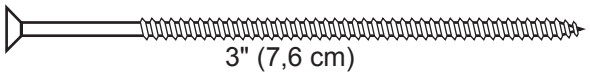
4 Repeat **Steps 1-3** to build second gable panel.

FINISH

5 You have finished assembling your gable panels.

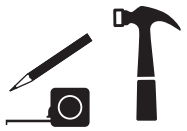
GABLE LADDERS

PARTS REQUIRED:

x72 
3" (7,6 cm)

x16 CLA
2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)

x8 CMA
2 x 4 x 61-7/8" (5,1 x 10,2 x 157,2 cm)



BEGIN

1 Orient parts as shown **(Fig. A)**.
You will build **FOUR** assemblies **(Fig. B)**.

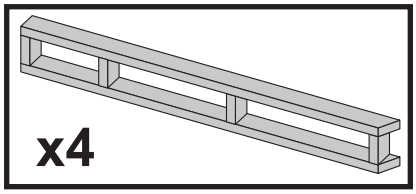
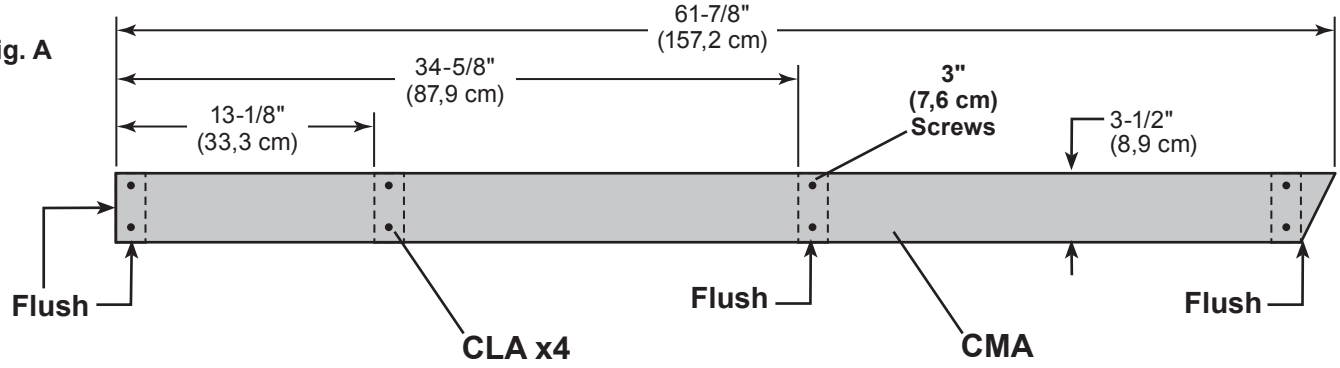


Fig. B

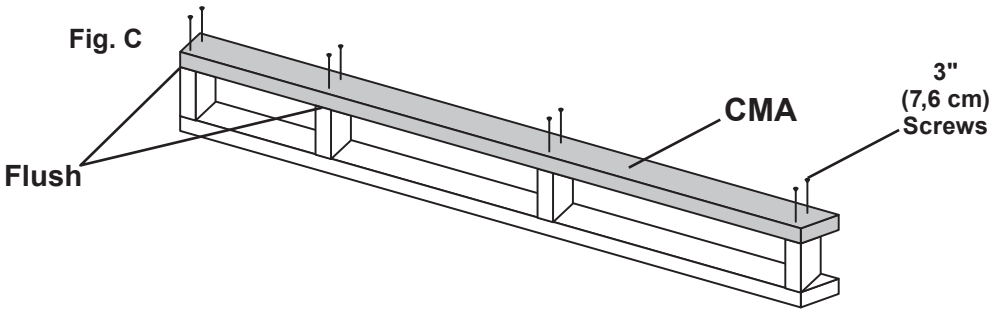
2 Arrange, measure and mark locations of four **CLA** as shown place **CMA** on top. Secure using 3" screws as shown **(Fig. A)**. Ensure parts are flush along edges.

Fig. A



3 Flip over gable ladder sub-assembly and attach **CMA** to four **CLA** using 3" screws **(Fig. C)**.

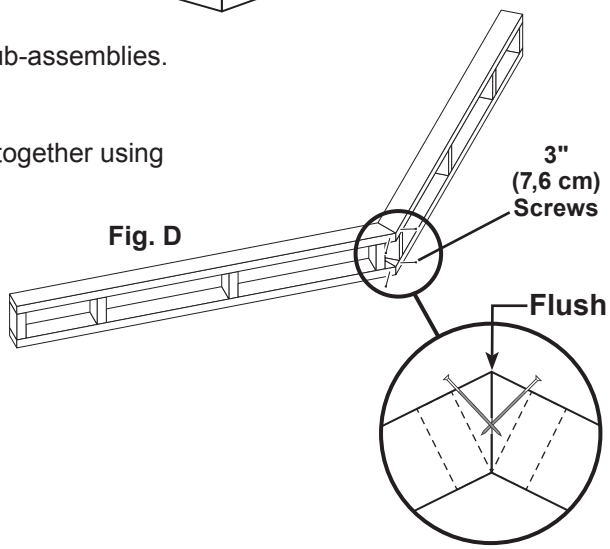
Fig. C



4 Repeat **Steps 2-3** to build three additional gable ladder sub-assemblies.

5 To complete gable ladder, toe-screw two sub-assemblies together using 3" screws **(Fig. D)**.

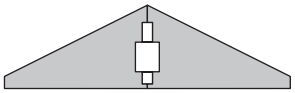
Fig. D



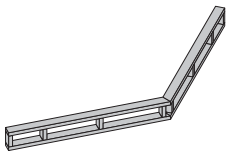
6 Repeat **Step 5** to build the other gable ladder.

GABLE ASSEMBLIES

PARTS REQUIRED:



x2 Gable Assemblies



x2 Ladder Assemblies

x4 PVA
2 x 4 x 5-7/8"
(5,1 x 10,2 x 14,9 cm)

x8
3" (7,6 cm)

x32
1-5/8" (4,1 cm)

7 Orient gable assemblies and ladder assemblies as shown **(Fig. E)**. You will build **TWO** complete assemblies.

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

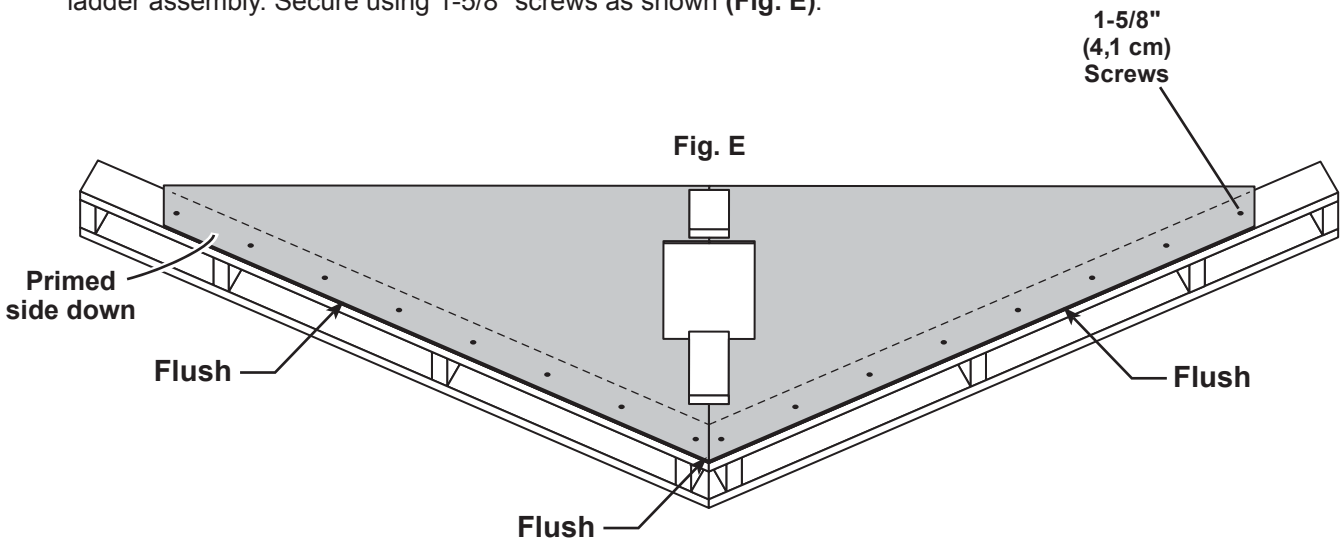


Fig. E

9 Attach **PVA** to ladder assembly using 3" screws **(Fig. F)**.

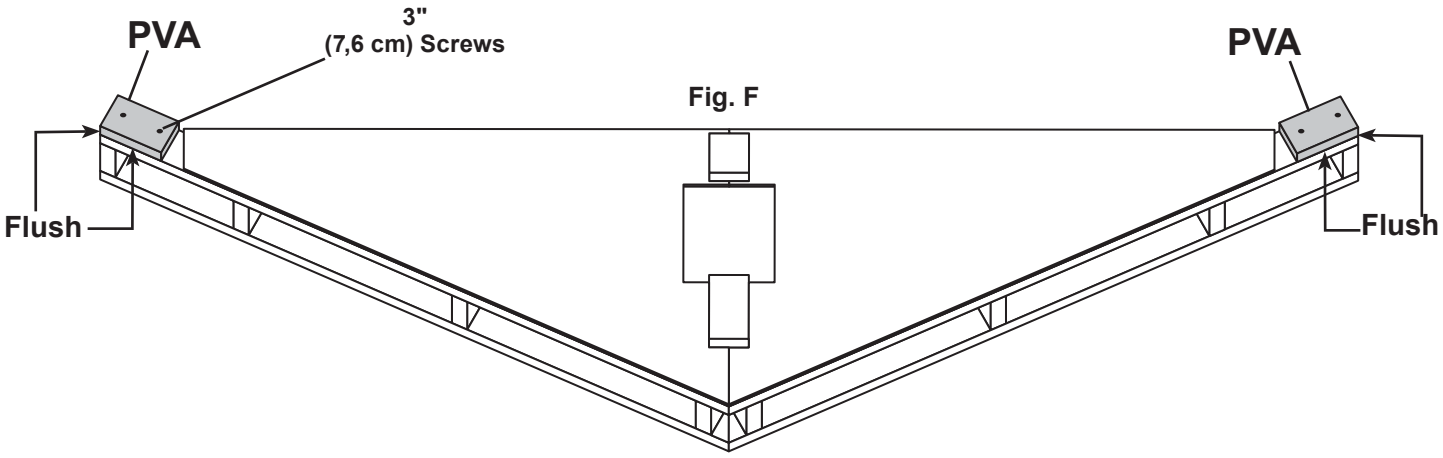


Fig. F

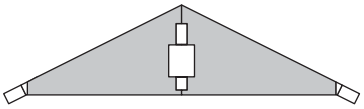
10 Repeat **Steps 7-9** to build the other gable assembly.

FINISH

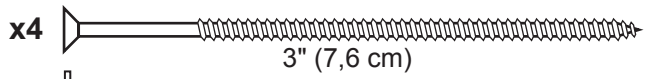
11 You have finished building two gable units.

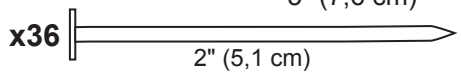
GABLE UNITS

PARTS REQUIRED:



x2 Gable Units





BEGIN

Attach gable unit on front wall top plate.

⚠ It is important to secure the gable unit in the following order:

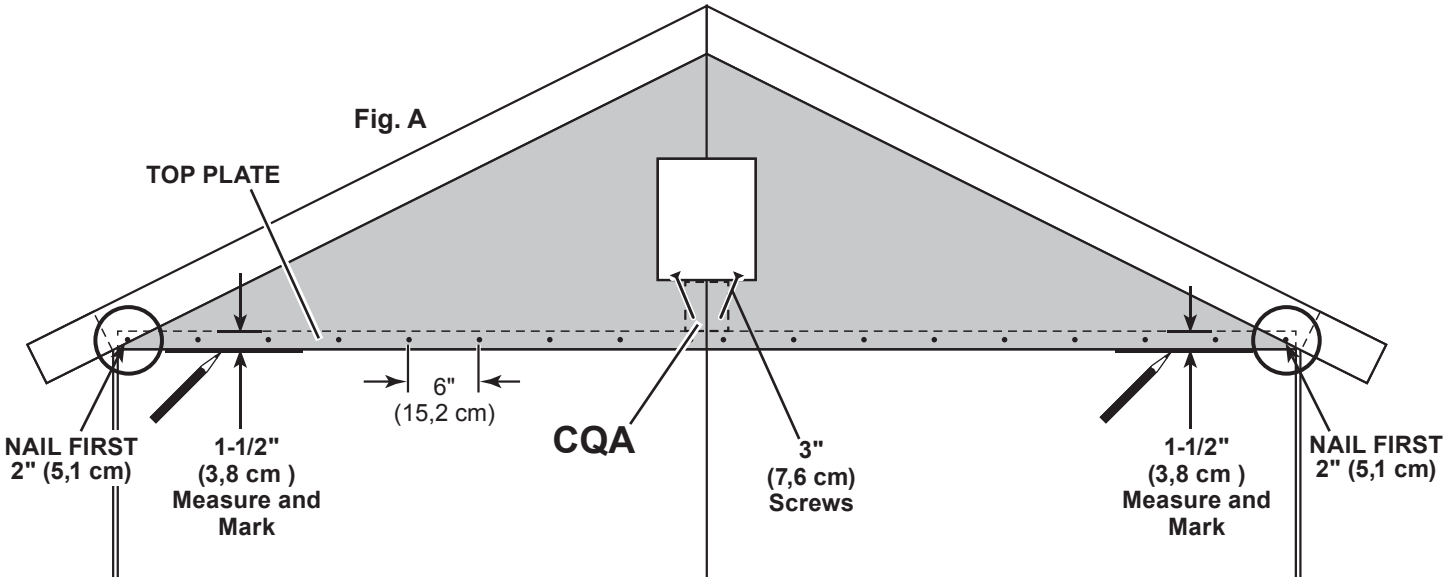
1 Measure 1-1/2" down from top plate and mark at each side as shown. Set gable unit on top plate. Hold secure with one 2" nail on each side as shown.

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

2 Continue nailing lower edge of panels into top plate using 2" nails 6" apart as shown

3 On the inside, secure gable unit with 3" screws toe-screwed into **CQA** at an angle as shown in **(Fig. B)**.

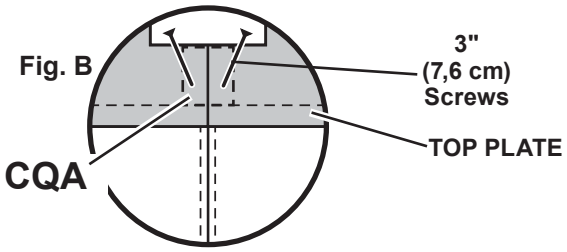
Fig. A



4 Repeat **Steps 1-3** to attach back gable unit.

⚠ On the inside, secure gable with two 3" screws toe-screwed into **CQA** at an angle as shown in **(Fig. B)**.

Fig. B

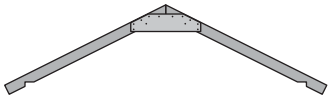


FINISH

5 You have finished attaching your gable units.

RAFTERS

PARTS REQUIRED:



x5 Preassembled Rafter

x30 
3" (7,6 cm)

BEGIN

1 Locate first rafter on top plate, aligned over studs at each side and tight to side wall **(Fig. A, Fig B)**. **Rest notch on top plate**.

2 Secure rafter to top plate with one 3" screw from under top plate **(Fig. B, C)**.

3 Continue securing rafter to top plate with two 3" screws above notch **(Fig. B, C)**.

4 Place remaining rafters on top plate, aligned over studs as shown and secure with 3" screws **(Fig. C)**.

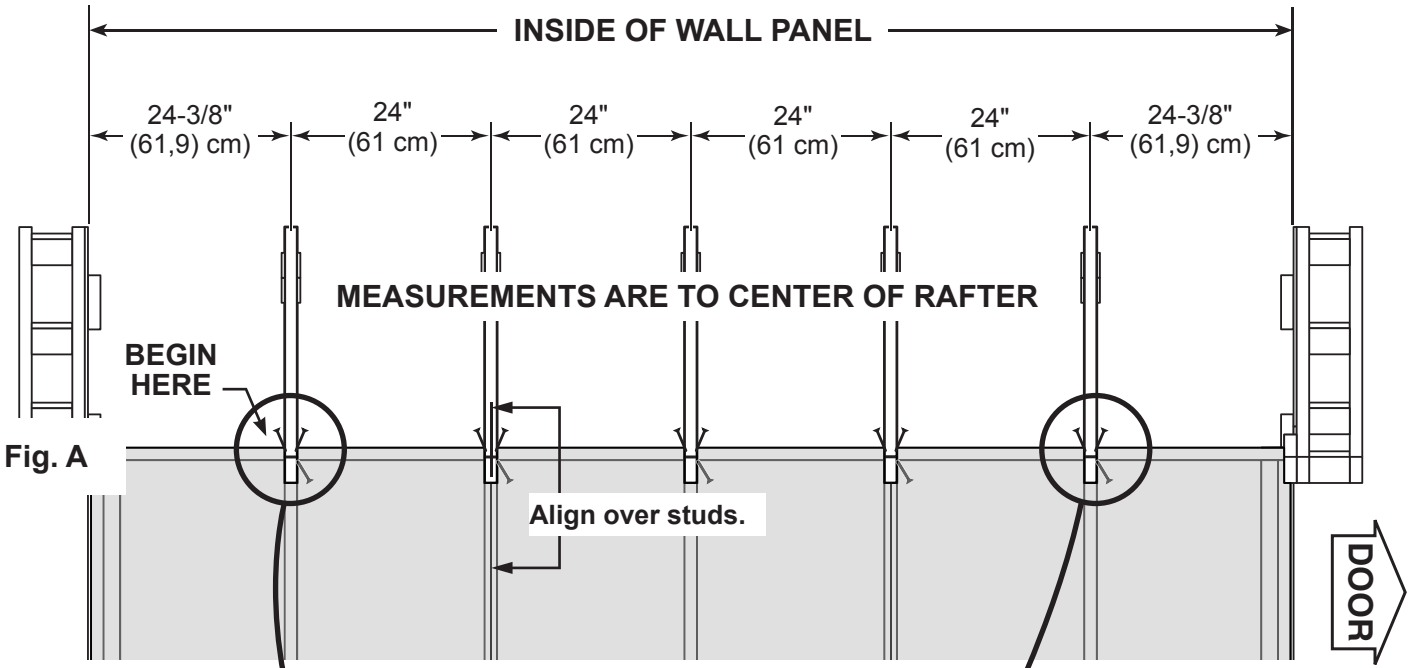


Fig. A

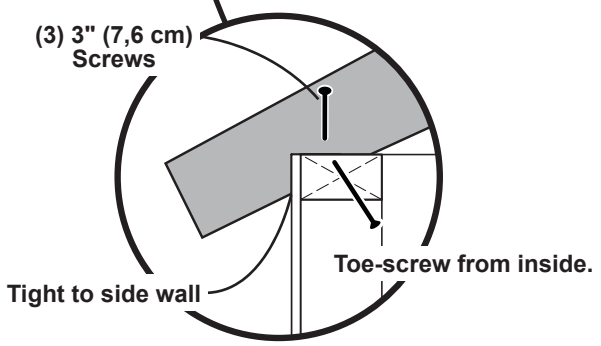


Fig. B

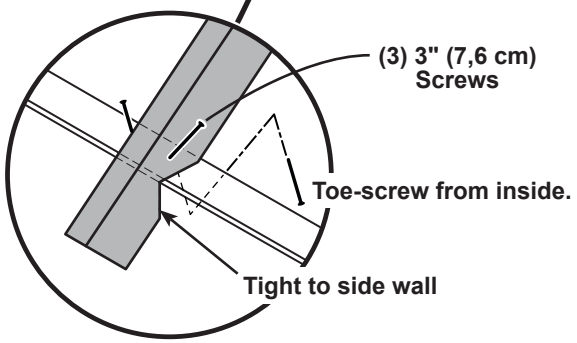


Fig. C

FINISH

5 You have finished attaching your rafters.

ROOF PANELS

PARTS REQUIRED:

x2
7/16 x 13-7/8 x 32-5/8"
(1,1 x 35,2 x 82,9 cm)

x1
7/16 x 13-7/8 x 96"
(1,1 x 35,2 x 243,8 cm)

x2
7/16 x 48 x 80"
(1,1 x 121,9 x 203,2 cm)

x234
2" (5,1 cm)

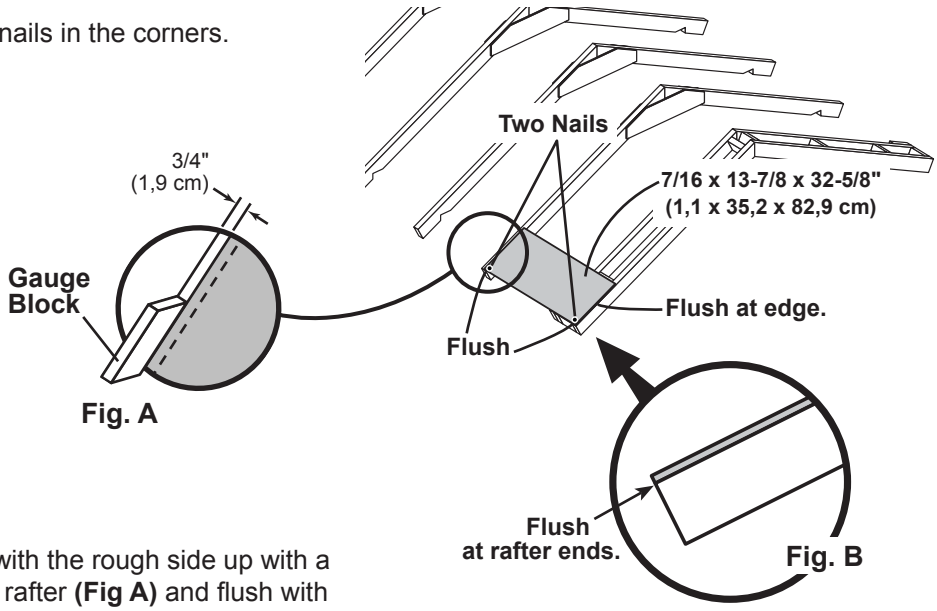
GAA
3/4" GAUGE BLOCK

Roof panels may cause serious injury until securely fastened.

BEGIN

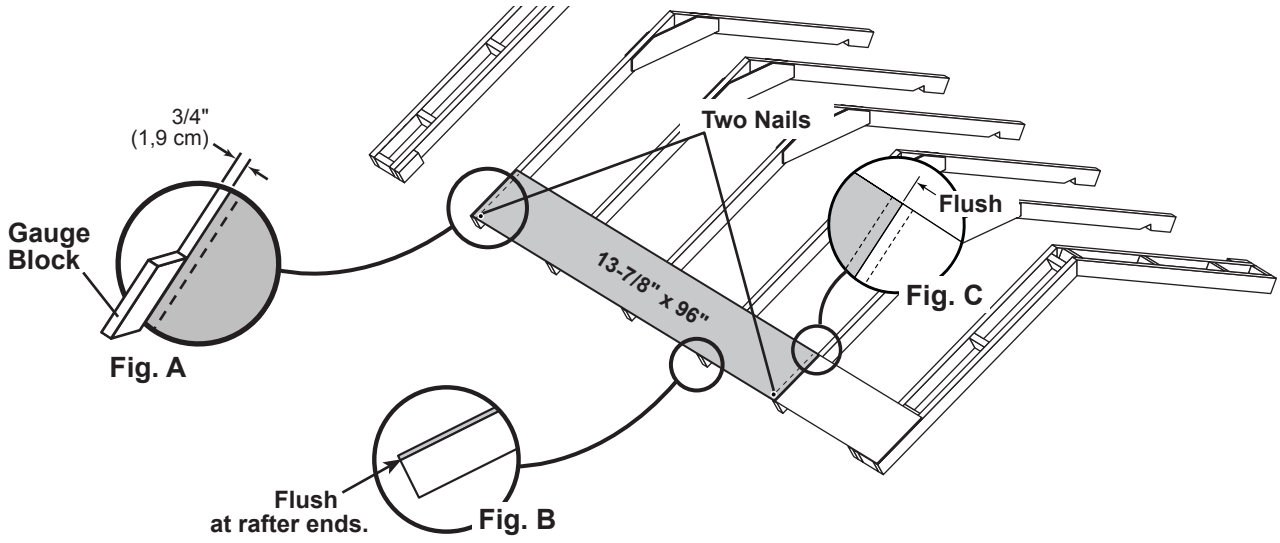
1 Attach the **13-7/8" x 32-5/8"** panel with the rough side up (painted-grid lines side) with a 3/4" (1,9 cm) measurement on the rafter **(Fig A)** and the panel flush at the gable end overhang **(Fig. B)**.

Secure panel with two 2" (5,1 cm) nails in the corners.



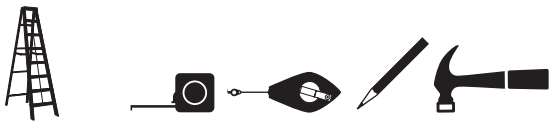
2 Attach a **13-7/8" x 96"** roof panel with the rough side up with a 3/4" (1,9 cm) measurement on the rafter **(Fig A)** and flush with the installed panel **(Fig. C)**.

Secure panel with two 2" (5,1 cm) nails in the corners.



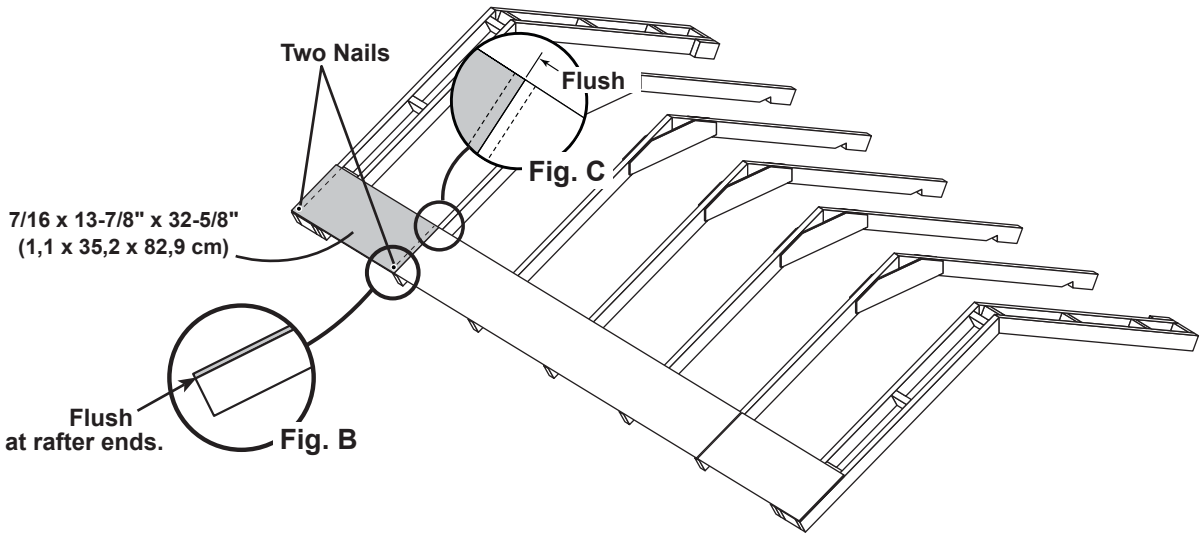
ROOF PANELS

PARTS REQUIRED:

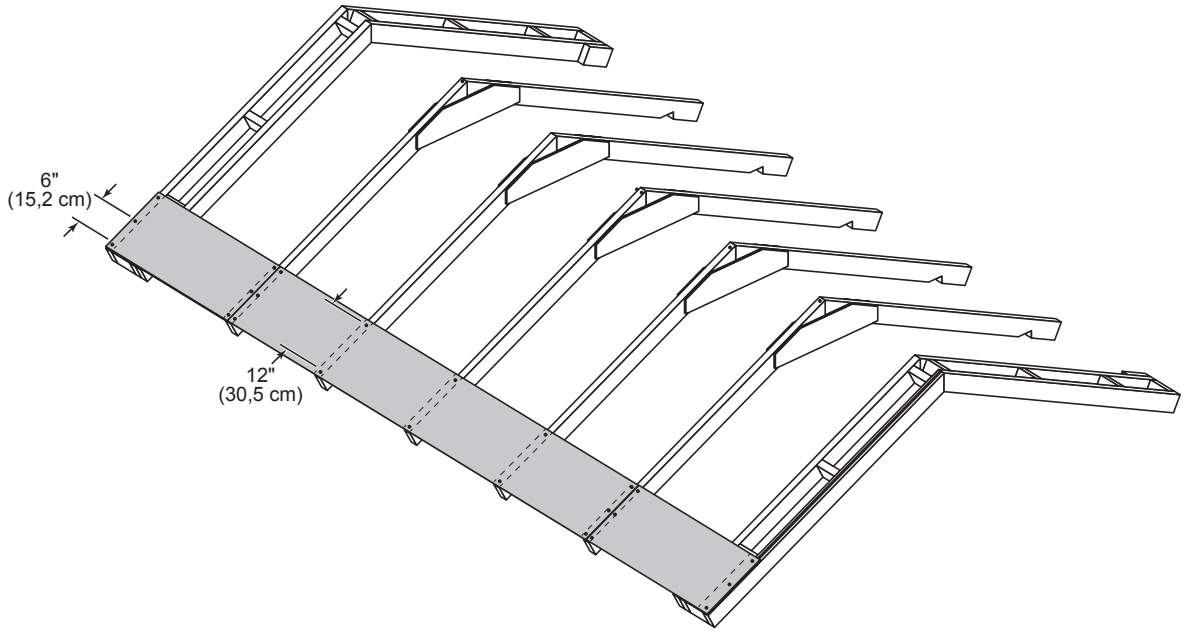


3 Attach another **13-7/8" x 32-5/8"** roof panel, rough side up, flush with the installed **27-1/4" x 96"** panel **(Fig. C)** and flush with the rafter ends **(Fig. B)**.

Secure panel with two 2" (5,1 cm) nails in the corners.

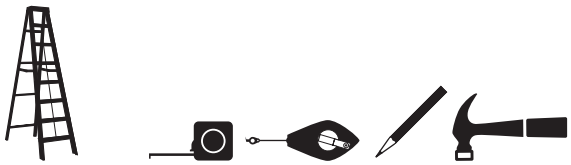


4 Nail the roof panel using 2" nails 6" apart on edges and 12" apart inside panel.



ROOF PANELS

PARTS REQUIRED:



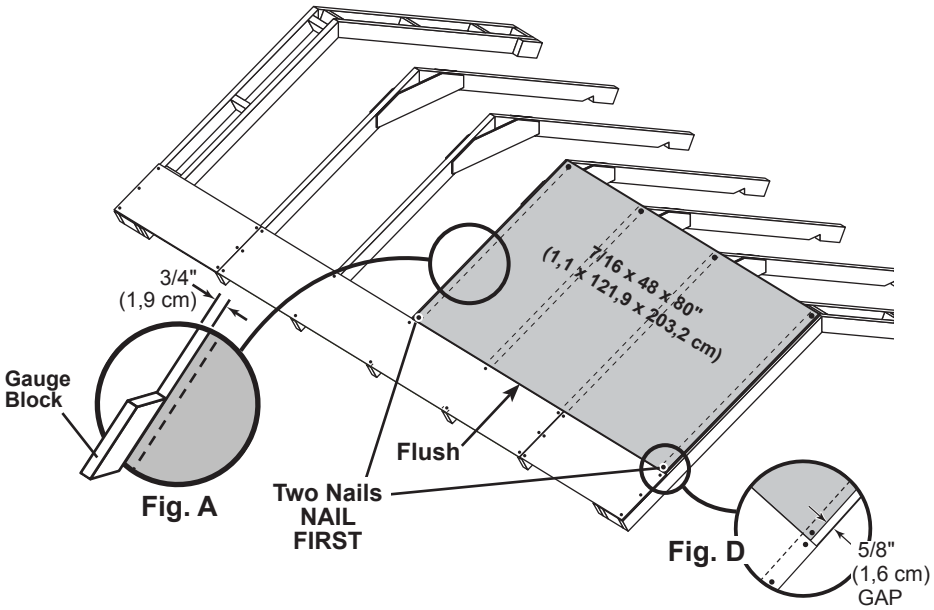
5 Place a **48" x 80"** upper roof panel with the rough side up and flush to lower panels.

Ensure 5/8" gap at gable end overhang **(Fig.D)** and 3/4" measurement on the rafter **(Fig. A)**.

Secure the lower edge of roof panel using two 2" nails in corners as shown.

Move up to the top of the panel and keep spacing between the center of the rafters **(Fig. F)**.

Secure with one 2" nail into each rafter **(Fig. F)**.



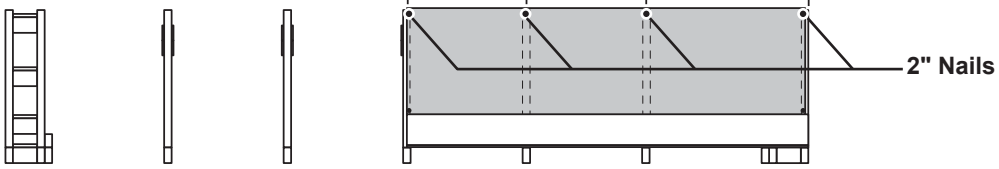


Fig. F

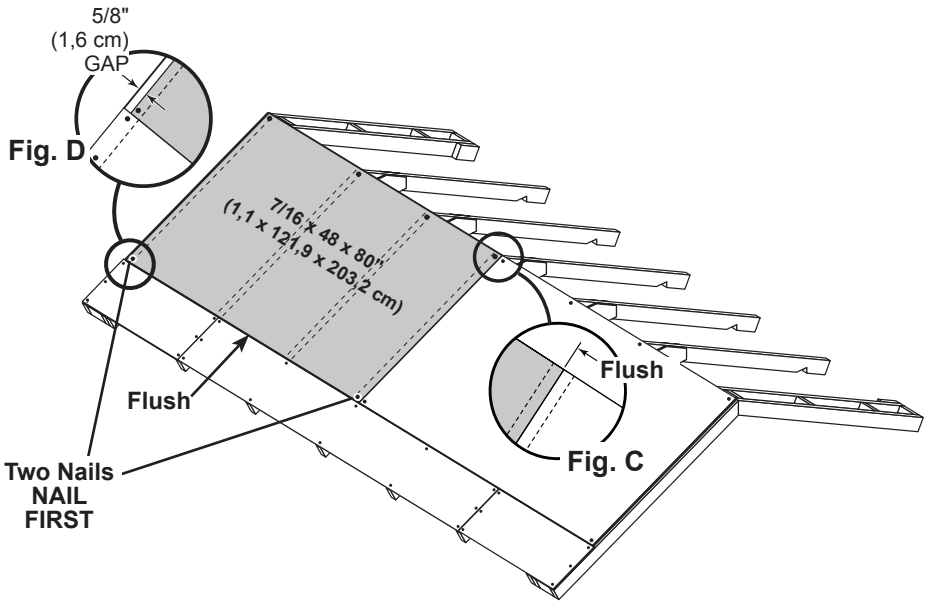
6 Place another **48" x 80"** upper roof panel, rough side up and flush with the installed **48" x 80"** panel **(Fig.C)**.

Ensure 5/8" gap at gable end overhang **(Fig.D)**.

Secure the lower edge of roof panel using two 2" nails in corners as shown.

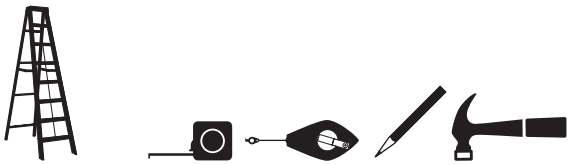
Move up to the top of the panel and keep spacing between the center of the rafters **(Fig. F)**.

Secure with one 2" nail into each rafter **(Fig. F)**.

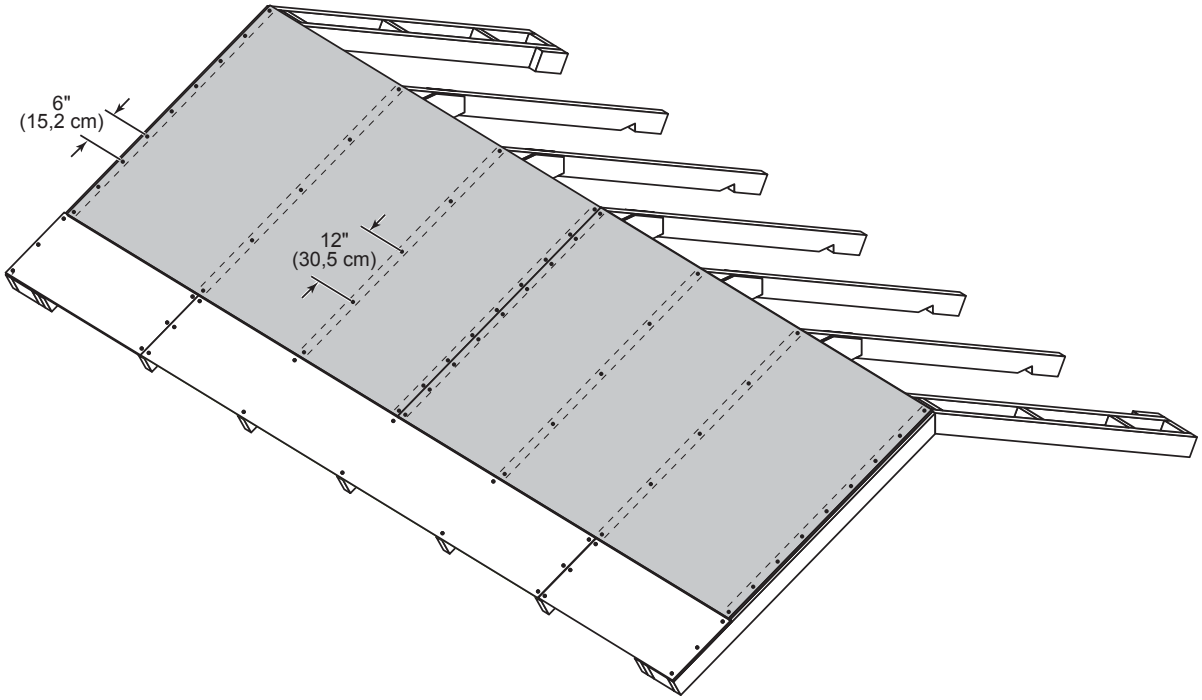


ROOF PANELS

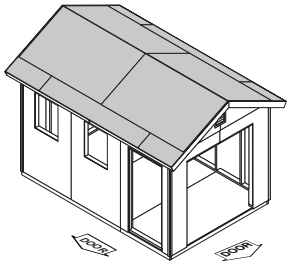
PARTS REQUIRED:



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



8 Repeat process to attach roof panels on the opposite side.



FINISH

9 You have finished installing your roof panels.

GABLE END SOFFITS

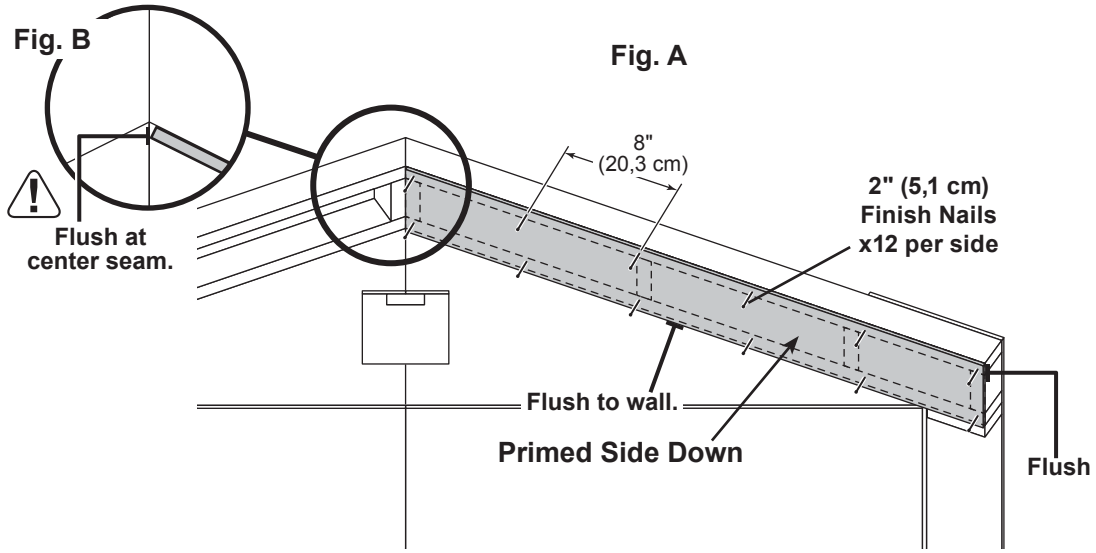
PARTS REQUIRED:

x48 — 2" (5,1 cm)

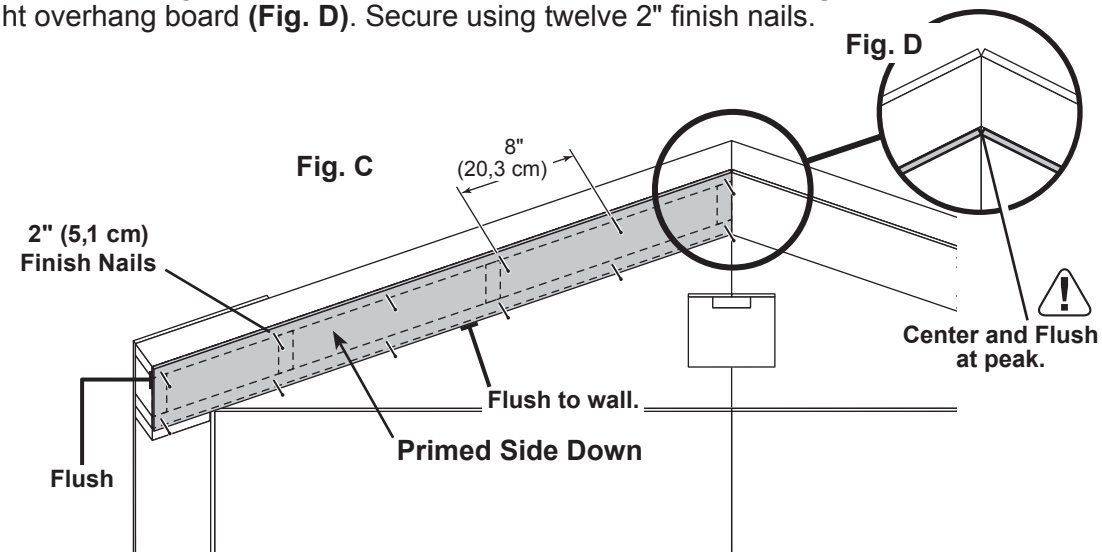
x4 — 3/8 x 7-7/8 x 59-15/16" (1 x 20 x 152,2 cm)

BEGIN **Ensure soffit boards are flush at seam (Fig. B) and flush at peak (Fig. D).**

1 Position right **59-15/16"** overhang board **Primed Side Down** flush to front wall **(Fig A)** and gable panel seam **(Fig B)**. Secure using twelve 2" finish nails.



2 Position left **59-15/16"** overhang board **Primed Side Down** flush to front wall **(Fig C)**, gable end and right overhang board **(Fig. D)**. Secure using twelve 2" finish nails.



3 Repeat **Steps 1-2** to attach soffit boards on the opposite side.

FINISH

4 You have finished installing your soffit panels.

EAVE SIDE SOFFITS

PARTS REQUIRED:

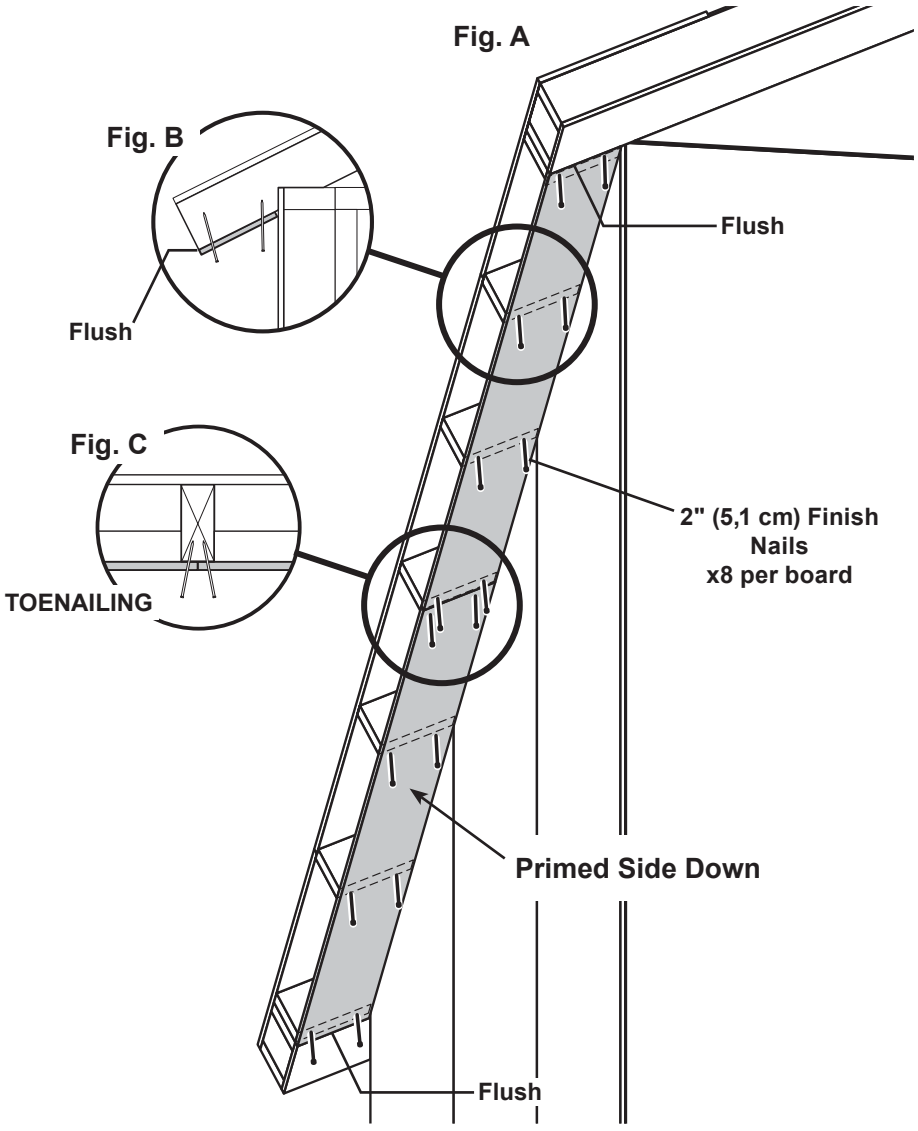
x32 2" (5,1 cm)

x4
3/8 x 5-7/8 x 72-3/4" (1 x 14,9 x 184,8 cm)

BEGIN

Ensure soffit boards are flush at rafter ends (Fig. B) and flush at seams.

1 Position **72-3/4"** soffit boards **primed side down** flush to gable soffits and rafter ends **(Fig A)**. Toenail at center seam **(Fig. C)**. Secure using eight 2" finish nails, two in each rafter.



2 Repeat **Step 1** to attach eave side soffit boards on the opposite side.

FINISH

3 You have finished installing your eave side soffit panels.

GABLE FASCIA

PARTS REQUIRED:

x2
3/8 x 4-3/4 x 62-7/16" (1 x 12,1 x 158,6 cm)

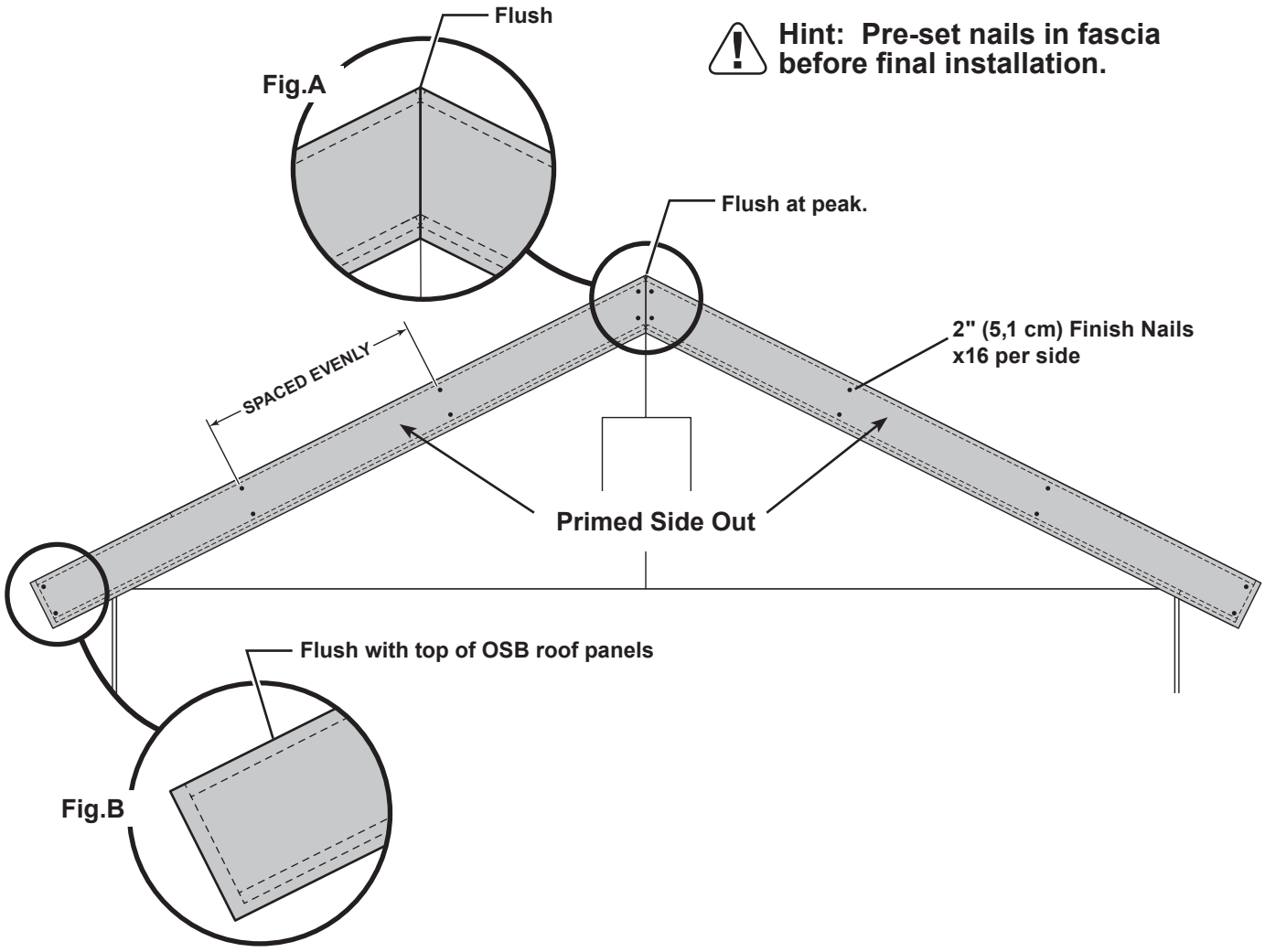
x2
3/8 x 4-3/4 x 62-7/16" (1 x 12,1 x 158,6 cm)

x32
2" (5,1 cm)

BEGIN

1 Position fascia with **primed side out** and flush to peak and roof panels as shown **(Fig. A, Fig B)**. Secure using 2" finish nails spaced evenly as shown.

2 Repeat **Step 1** on opposite side with other fascia.



3 Repeat **Steps 1-2** to attach fascia boards on the other gable end.

FINISH

4 You have finished installing your gable fascia.

EAVE SIDE FASCIA

PARTS REQUIRED:

x32 2" (5,1 cm)

x4 3/8 x 4-3/4 x 80-5/8" (1 x 12,1 x 204,8 cm)

BEGIN

1 Position two **4-3/4" x 80-5/8"** fascia boards with **primed side out,** flush with roof panels and gable fascia as shown **(Fig. A)**. Secure using 2" finish nails into rafter ends.

2 Repeat **Step 1** on opposite eave.

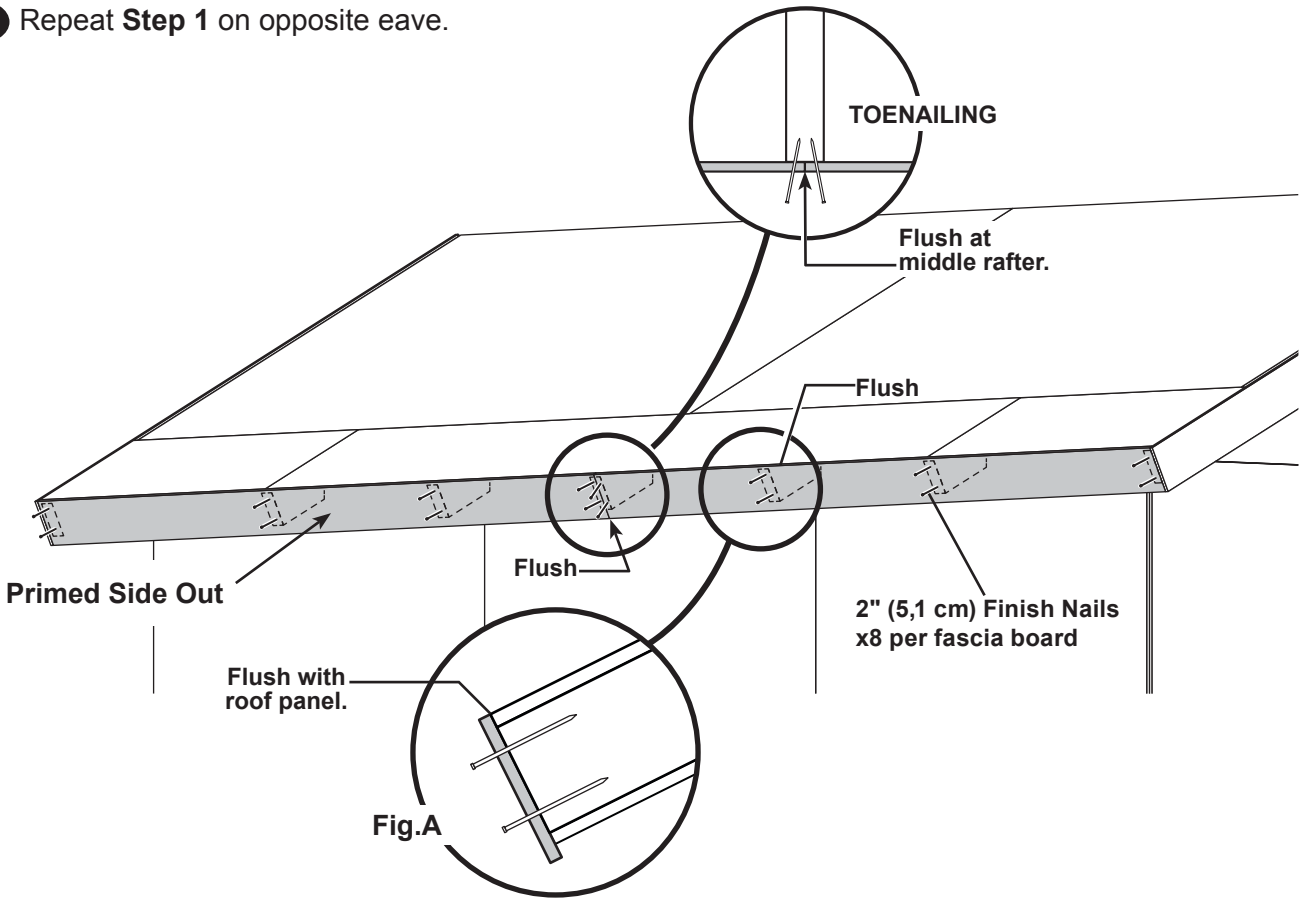


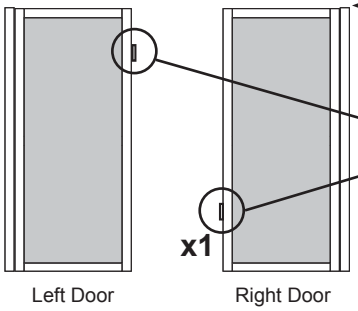
Fig.A

FINISH

3 You have finished installing your eave side fascia.

DOUBLE DOORS - GABLE WALL

PARTS REQUIRED:

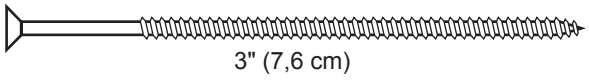


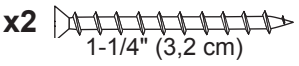
IMPORTANT!
USE DOORS WITH HINGE BOARD ENDS PAINTED GREEN AND RED

HINT:
Look for 3/8" SPACER attached to doors.

x1 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

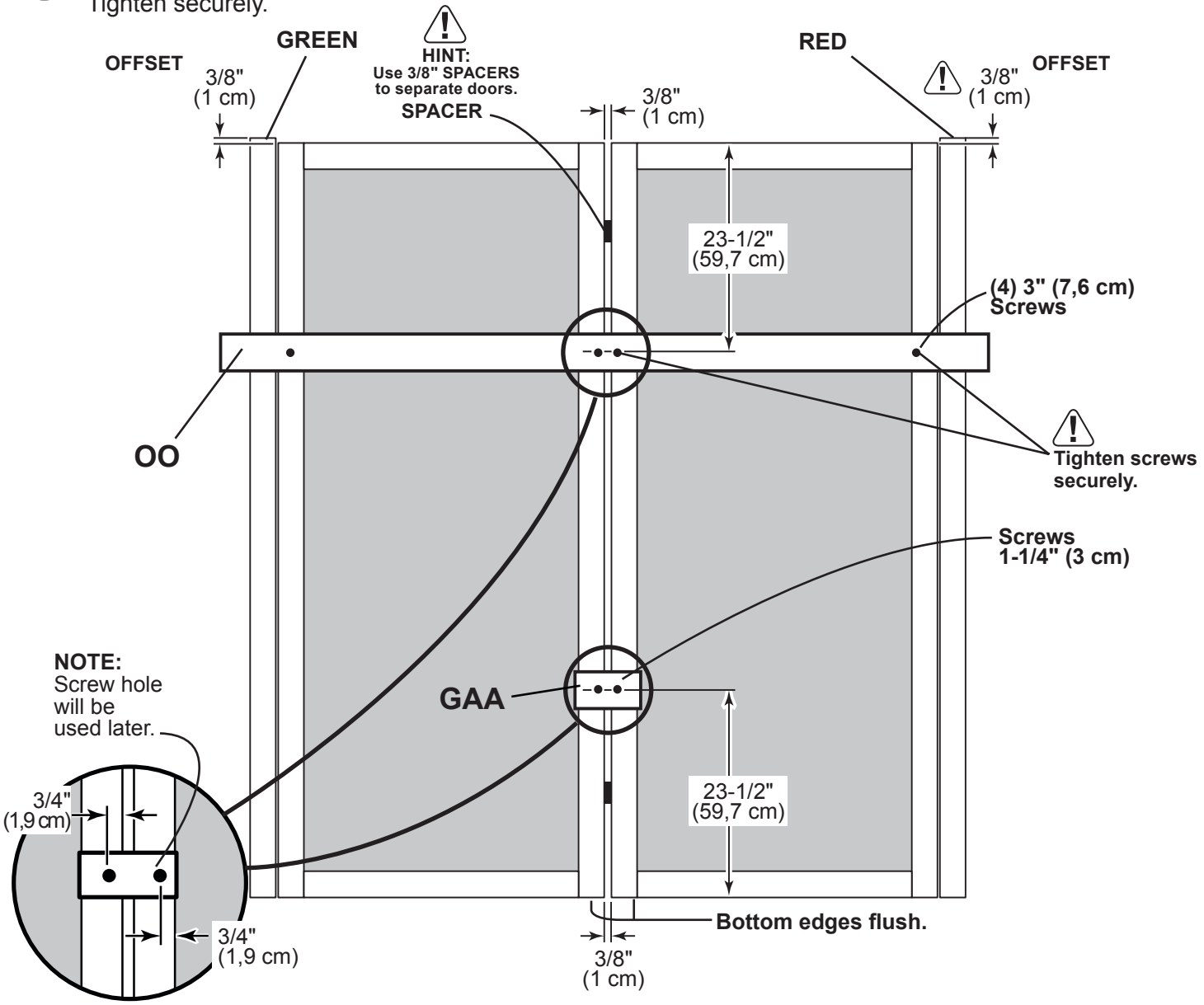
x1 **GAA**
1 x 3 x 5" (2,5 x 7,6 x 12,7 cm)





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. Attach temporary support **OO** with 3" screws in middle and at ends as shown. Tighten securely.
3. Attach temporary support **GAA** with two 1-1/4" screws as shown. Tighten securely.

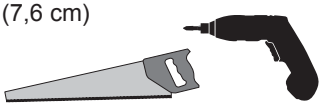


DOUBLE DOORS - GABLE WALL

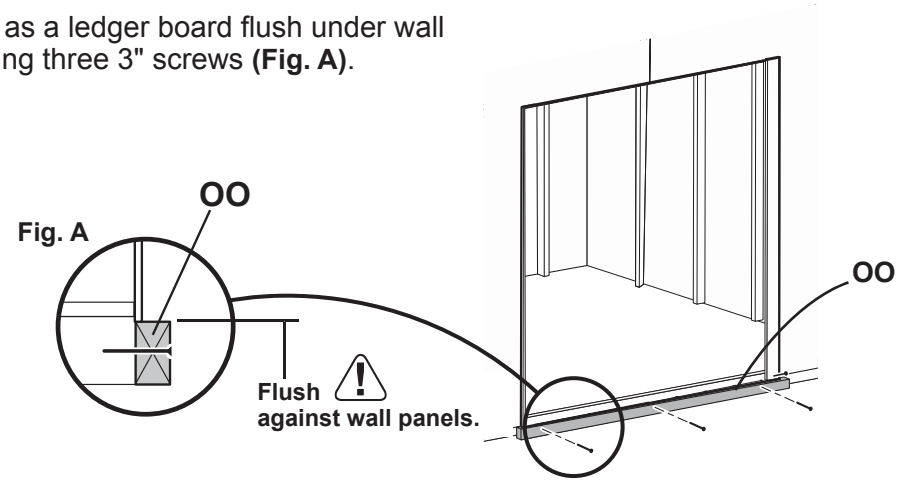
PARTS REQUIRED:

x1 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

x13 
3" (7,6 cm)



4 Attach temporary support **OO** as a ledger board flush under wall panels for doors to rest on, using three 3" screws **(Fig. A)**.



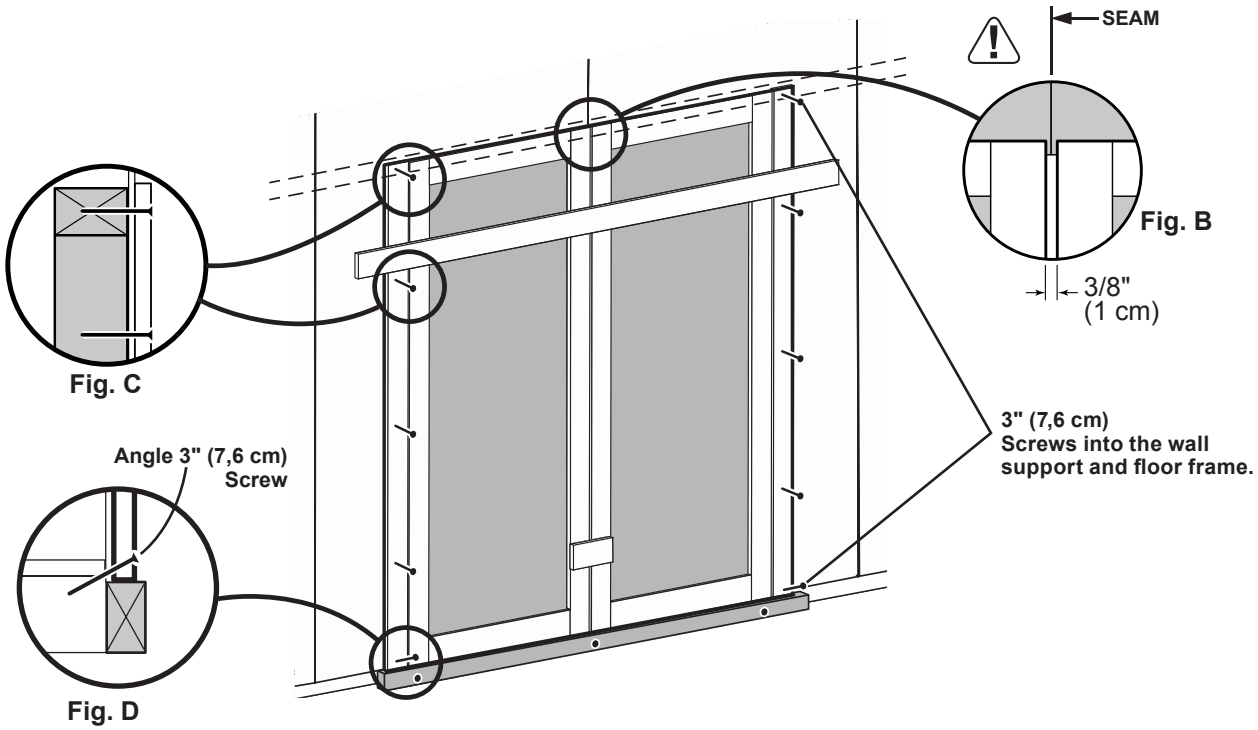
5 Center doors on panel seam as shown **(Fig. B)**.
⚠ **Check ledger board is still flush under panels.**

6 Screw hinge boards into wall supports and floor using ten 3" screws as shown.
⚠ **Make sure screws go into framing and floor (Fig. C, D)**.

7 Remove temporary supports and check doors open properly.

FINISH

8 You have finished installing your double doors.



DOUBLE DOORS - GABLE WALL

PARTS REQUIRED:

x1 **GPL**
19/32 x 2-1/2 x 51" (1,5 x 6,3 x 129,5 cm)

x1 **GPR**
19/32 x 2-1/2 x 51" (1,5 x 6,3 x 129,5 cm)

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

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

x1
64" Metal Threshold

x4 **AH**
19/32 x 3 x 26-5/8" (1,5 x 7,6 x 67,6 cm)

x5
2" (5,1 cm)

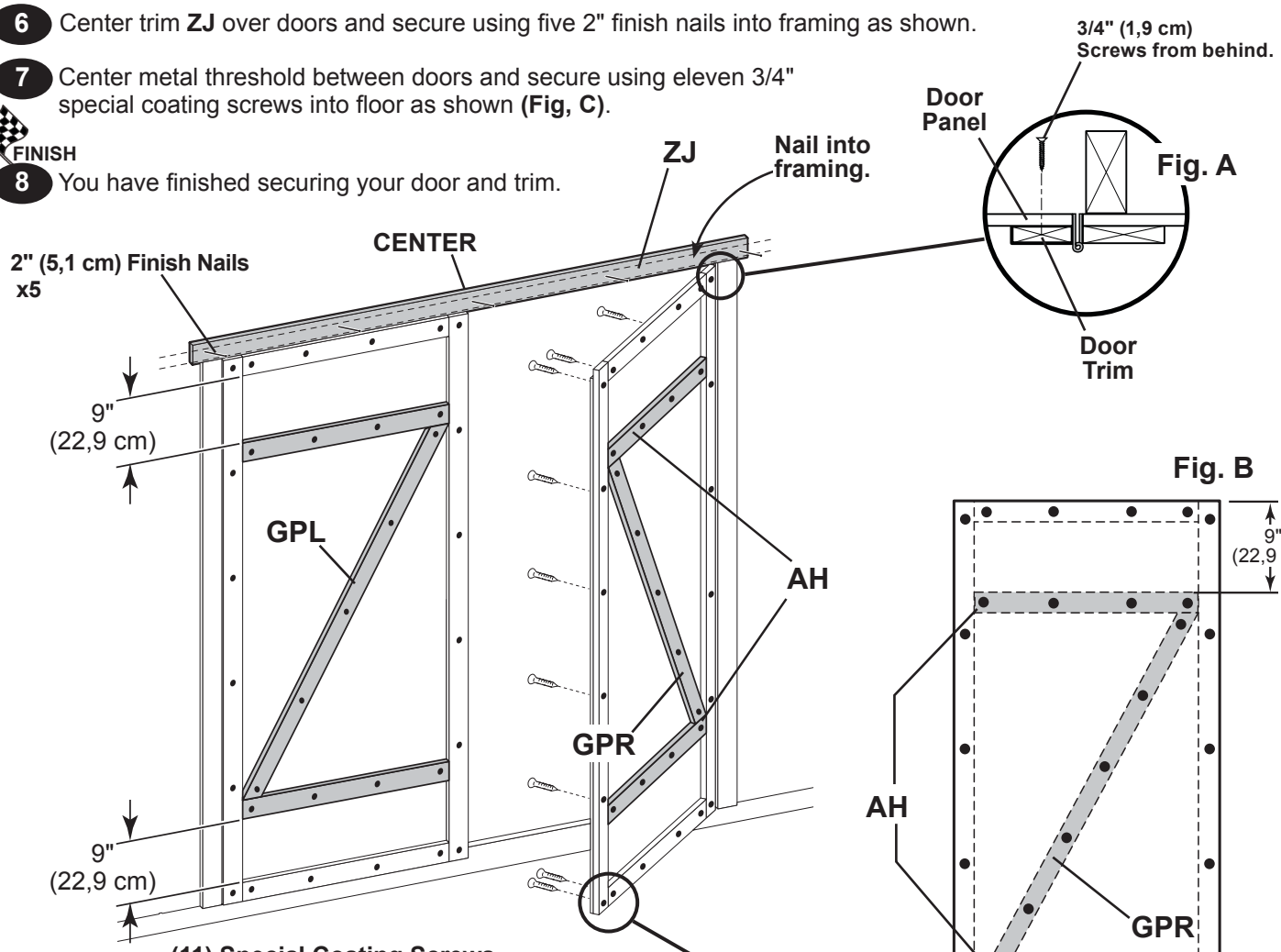
x68
3/4" (1,9 cm)

BEGIN

1. Secure door trim from inside using 3/4" screws as shown **(Fig. A)**.
2. Attach upper horizontal door rails **AH** with four 3/4" screws from behind to center of doors as shown.
3. Attach **GPL** and **GPR** flush to installed door trim **AH** with 3/4" screws from ***inside of doors*** **(Fig. B)**.
4. Attach lower horizontal door rails **AH** with four 3/4" screws from behind to center of doors as shown.
5. Reinforce the door trim using 3/4" screws through door panel into trim **(Fig. A)**. Locate screws as shown **(Fig. B)**. Use two screws at seams.
6. Center trim **ZJ** over doors and secure using five 2" finish nails into framing as shown.
7. Center metal threshold between doors and secure using eleven 3/4" special coating screws into floor as shown **(Fig, C)**.

FINISH

8. You have finished securing your door and trim.

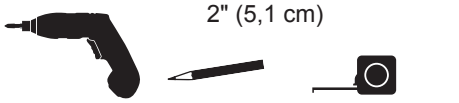


DOUBLE DOOR STIFFENERS - GABLE WALL

PARTS REQUIRED:

x2 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

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**).

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

3. Repeat **Steps 1-2** to install **OO** on right door.

FINISH

4. You have finished installing your door stiffeners.

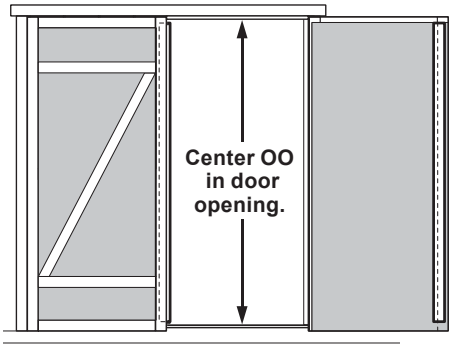
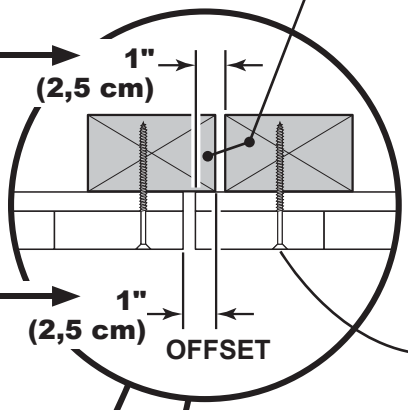


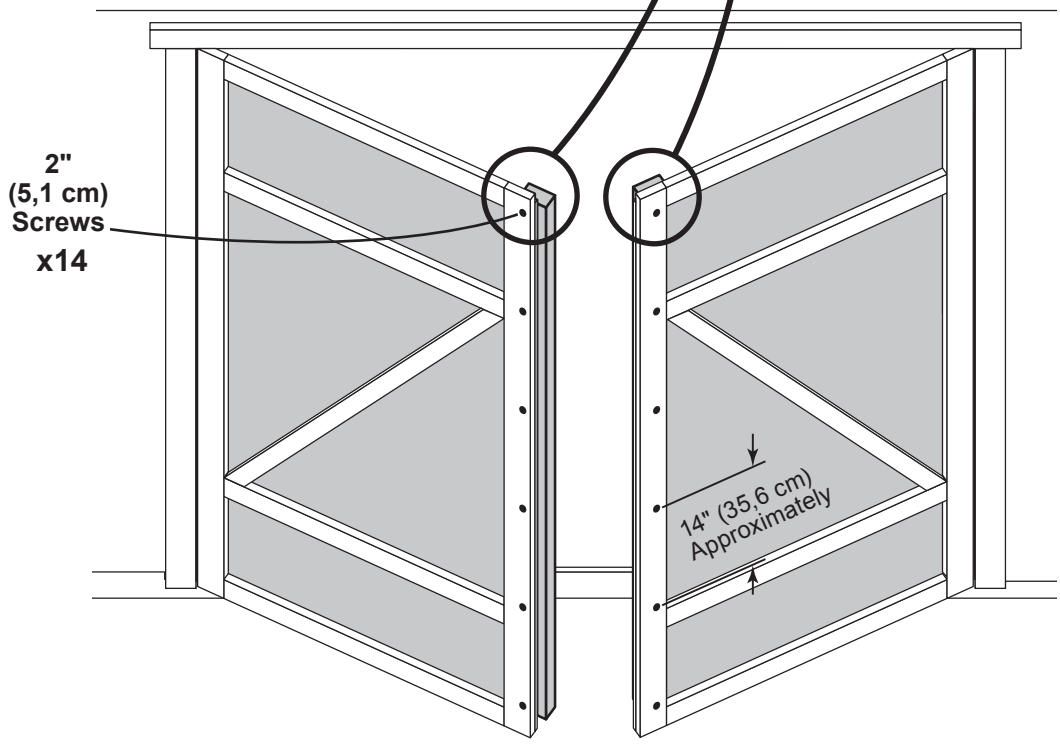
Fig. A

IT IS IMPORTANT TO HOLD THESE DIMENSIONS

OO x2

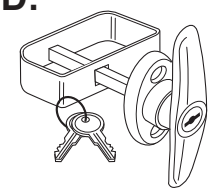
Fig. B





DOUBLE DOOR HARDWARE

PARTS REQUIRED:

x1 

x1 
4-1/2" Shaft

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

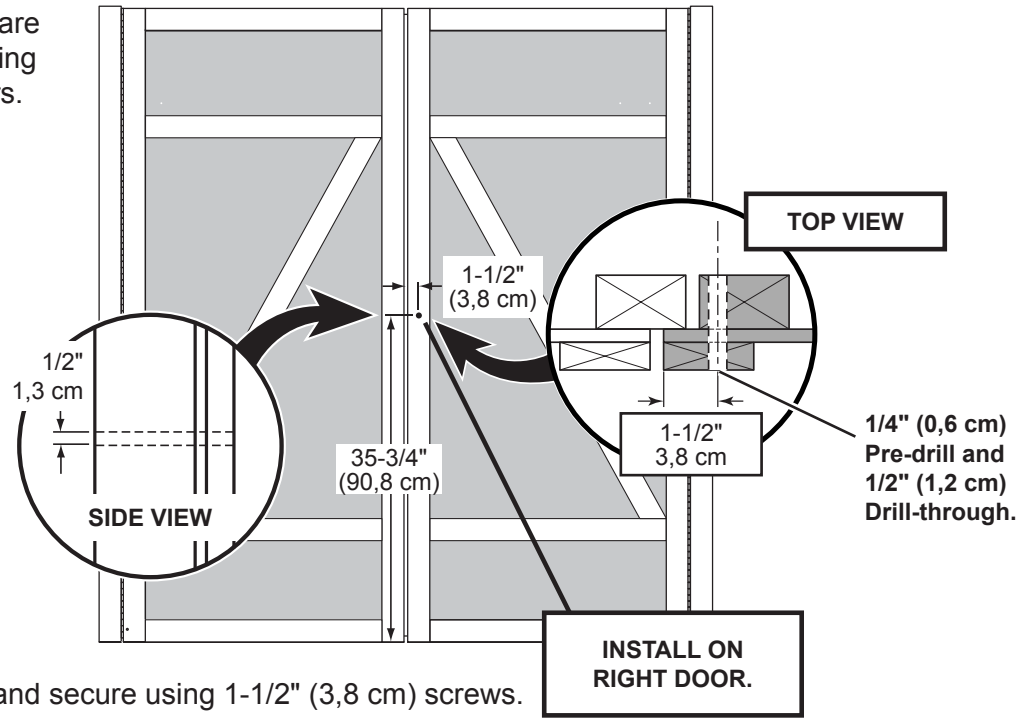

1/4" (0,6 cm)
1/2" (1,3 cm)
Drill Bits

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.

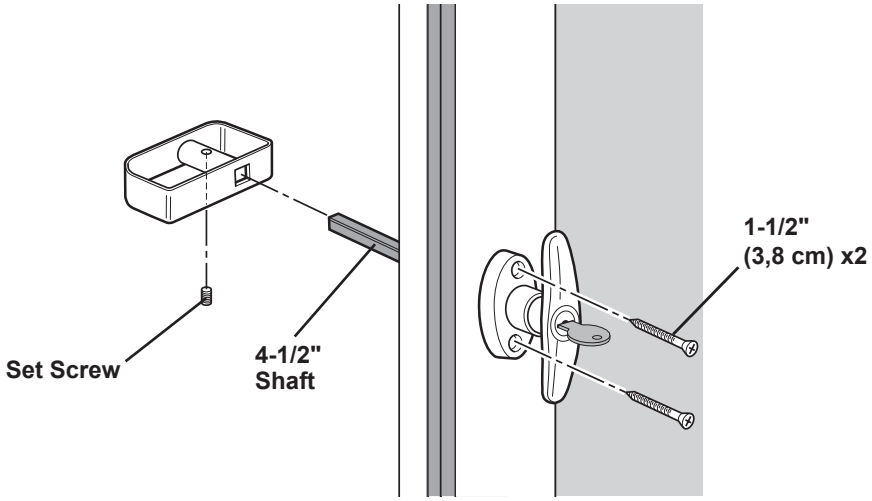
Pre-drill through hole with 1/2" drill.

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



2 Insert handle in hole and secure using 1-1/2" (3,8 cm) screws.

3 Attach inside handle and secure with set screw as shown.



FINISH

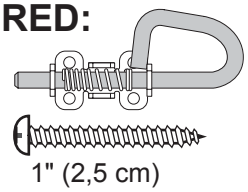
4 You have finished installing your T-handle.

DOUBLE DOOR HARDWARE

PARTS REQUIRED:

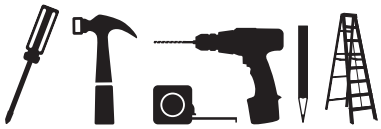
x2

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.

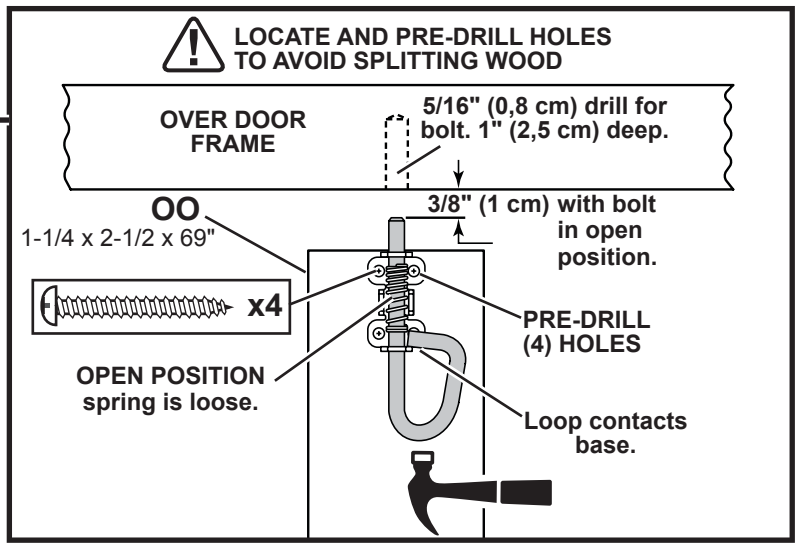
4. Install bolt with screws supplied and drill 5/16" (0,8 cm) hole deep enough for bolt to slide into.

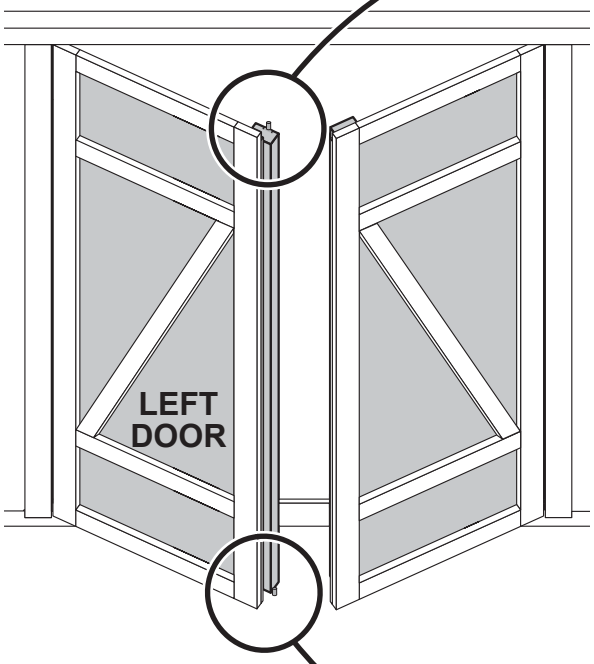
FINISH

5. You have finished installing your Spring-Bolts.

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

Fig. A





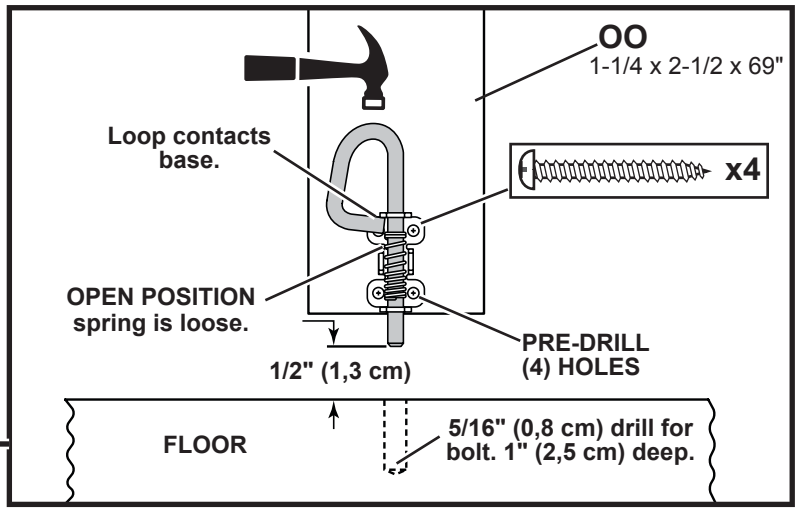
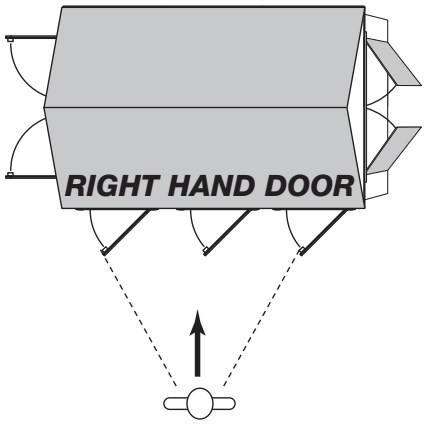


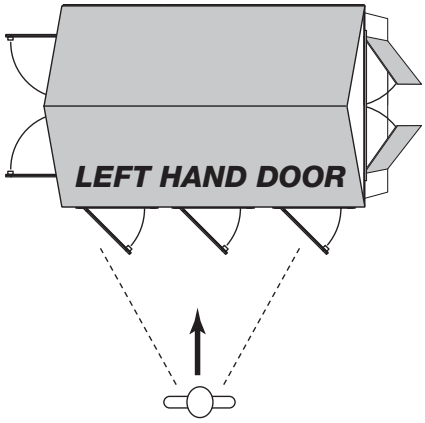
Fig. B

⚠ STOP ⚠

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



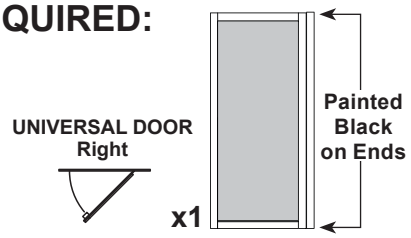
⚠ **IF YOU CHOOSE TO HAVE YOUR DOOR SWING OPEN TO THE RIGHT**
GO TO Page 62.

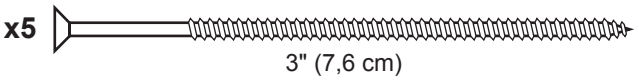


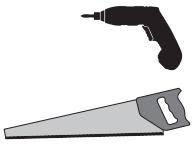
⚠ **IF YOU CHOOSE TO HAVE YOUR DOOR SWING OPEN TO THE LEFT**
GO TO Page 66.

EAVE WALL R.H. DOOR

PARTS REQUIRED:





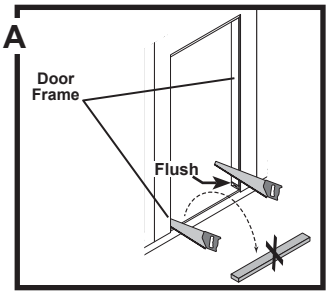


BEGIN

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.

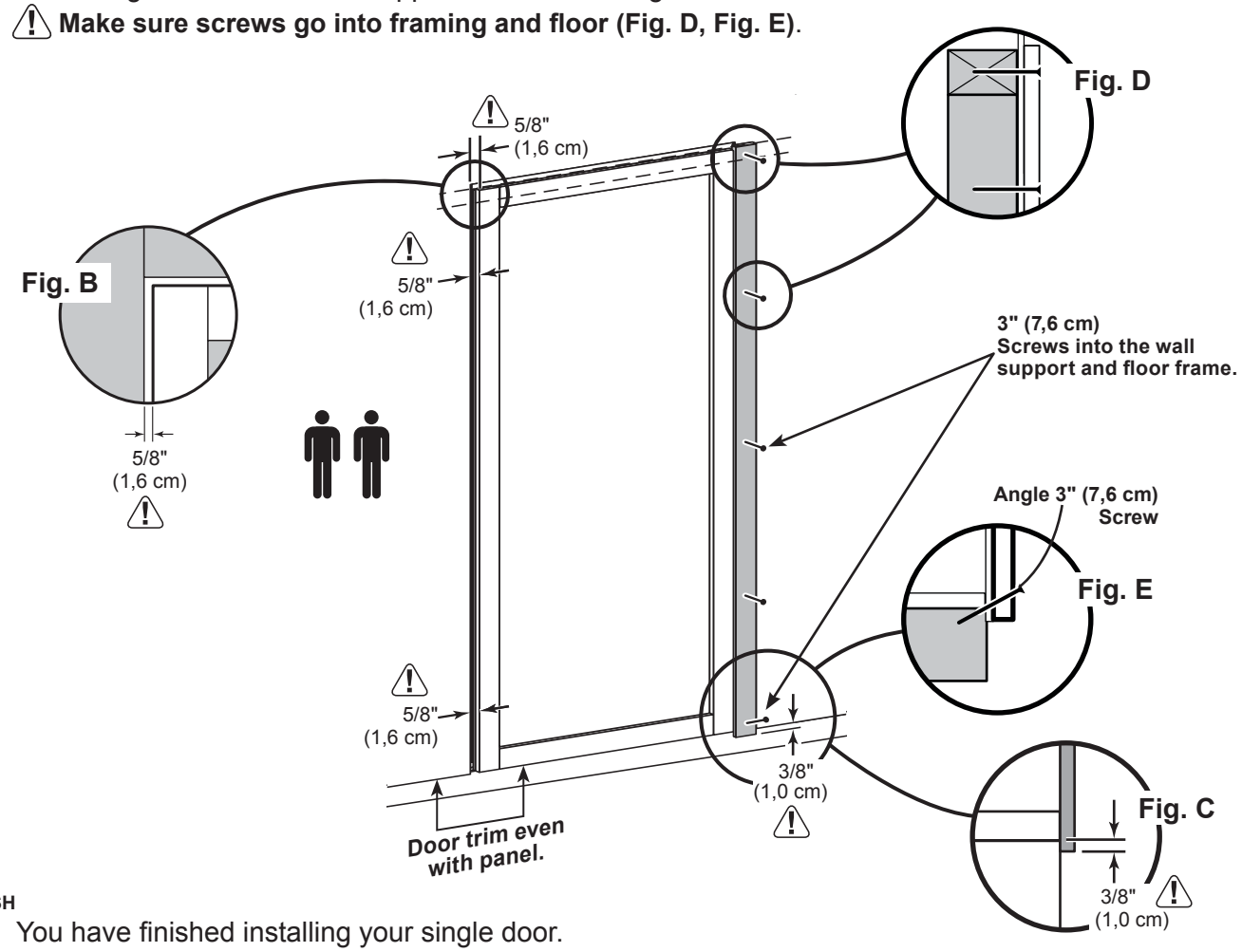
3 Center door in wall panel opening.
Hold door in position and keep level.

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 Screw hinge boards into wall supports and floor using five 3" screws as shown.

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



FINISH

6 You have finished installing your single door.

EAVE WALL R.H. DOOR - TRIM

PARTS REQUIRED:

x2 **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 **ZJ**
19/32 x 3 x 72" (1,5 x 7,6 x 183 cm)

x33 3/4" (1,9 cm)

x9 2" (5,1 cm)

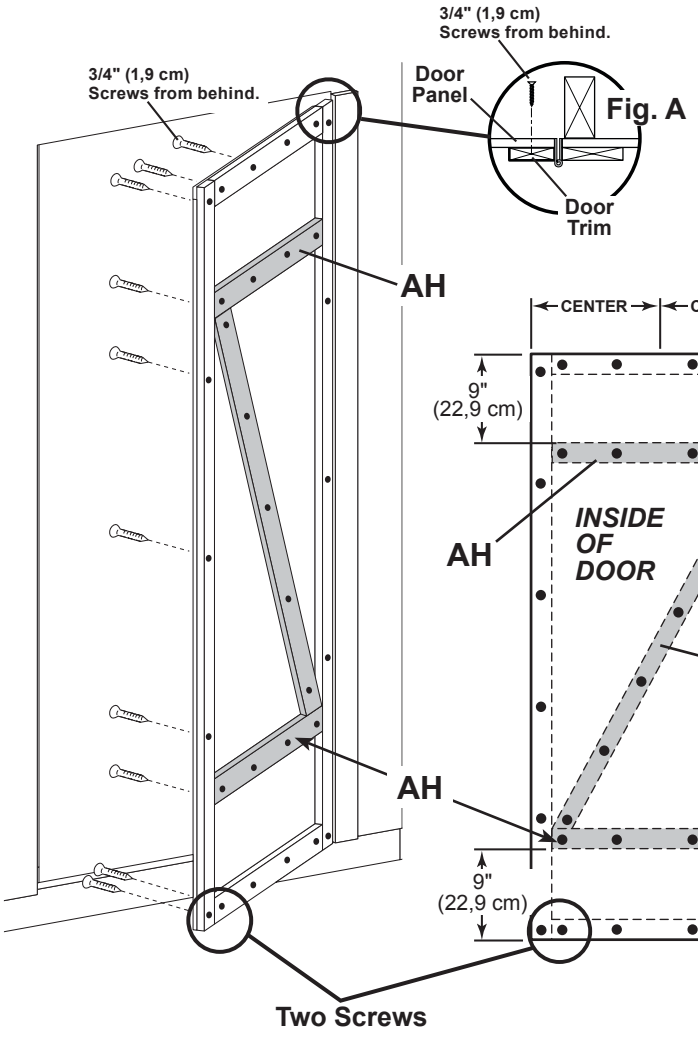
x1 **GPR**
19/32 x 2-1/2 x 51" (1,5 x 6,3 x 129,5 cm)

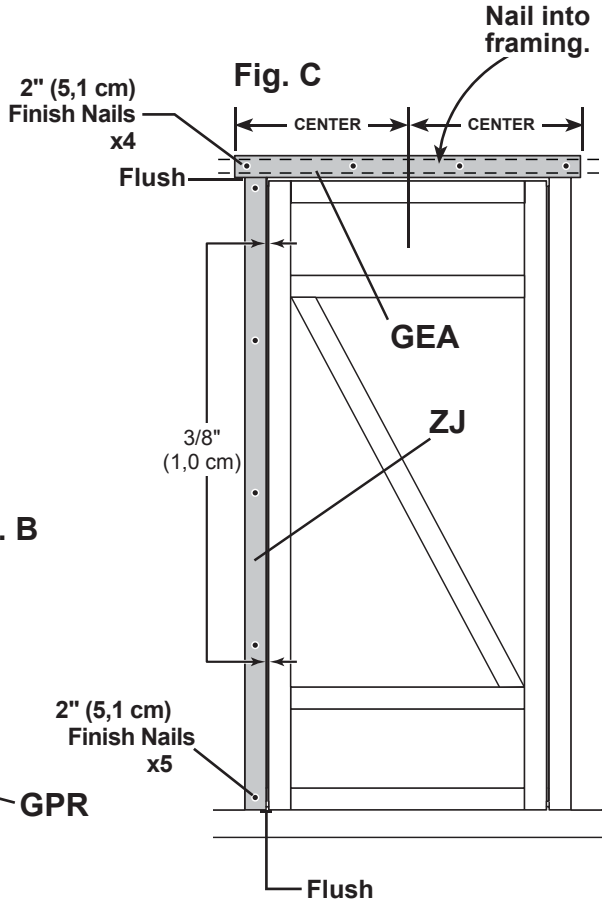
BEGIN

1. Secure door trim from inside using 3/4" screws as shown **(Fig. A)**.
2. Attach upper horizontal door rail **AH** with four 3/4" screws from inside of door.
3. Attach **GPR** flush to installed door trim **AH** with 3/4" screws from inside of door. **(Fig. B)**.
4. Reinforce the door trim using 3/4" screws through door panel into trim **(Fig. A)**. Locate screws as shown in **Fig. B**. Use two screws at seams.
5. Attach lower horizontal door rail **AH** with four 3/4" screws from inside of door **(Fig. B, C)**.
6. Flush **ZJ** with bottom of wall panel and door and secure using five 2" finish nails into framing as shown. Ensure 3/8" measurement as shown **(Fig. C)**.
7. Center trim **GEA** over door and secure using four 2" finish nails into framing as shown **(Fig. C)**.

FINISH

8. You have finished securing your door trim.



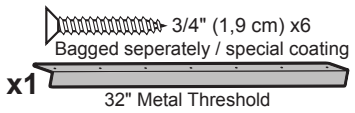


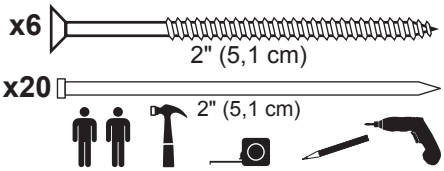
EAVE WALL - R.H. DOOR STIFFENER/ THRESHOLD/ WEATHER STRIP

PARTS REQUIRED:

x1 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

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

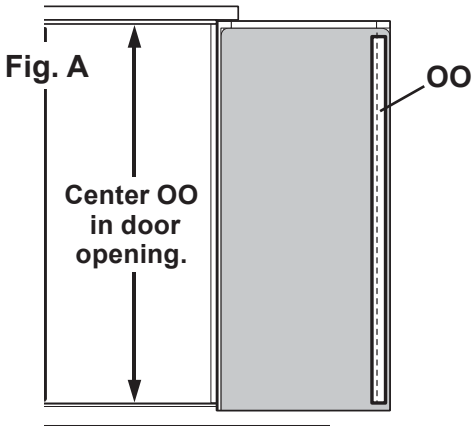


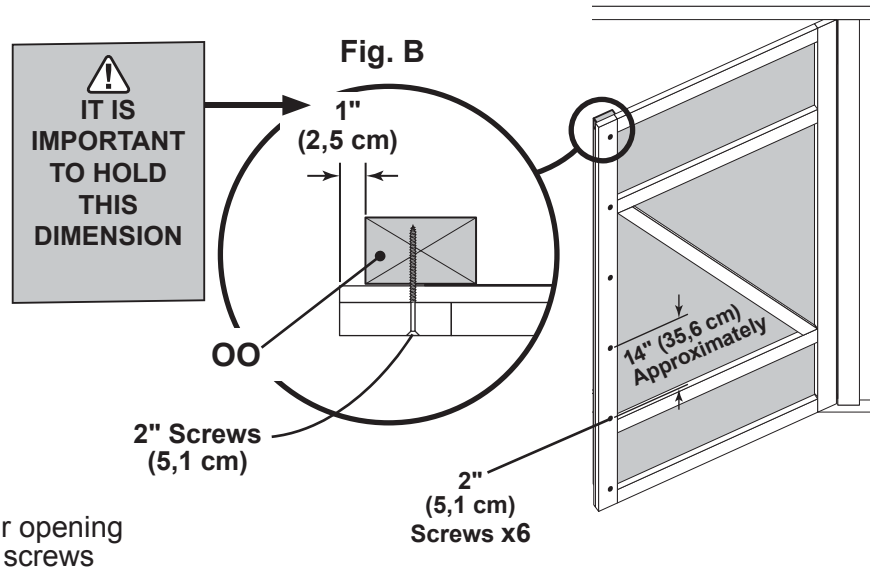


BEGIN

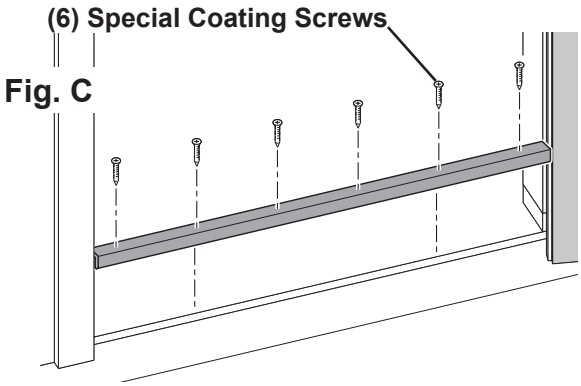
1 Center **OO** vertically on door in the door opening **(Fig. A)** 1" from edge of door **(Fig. B)**.

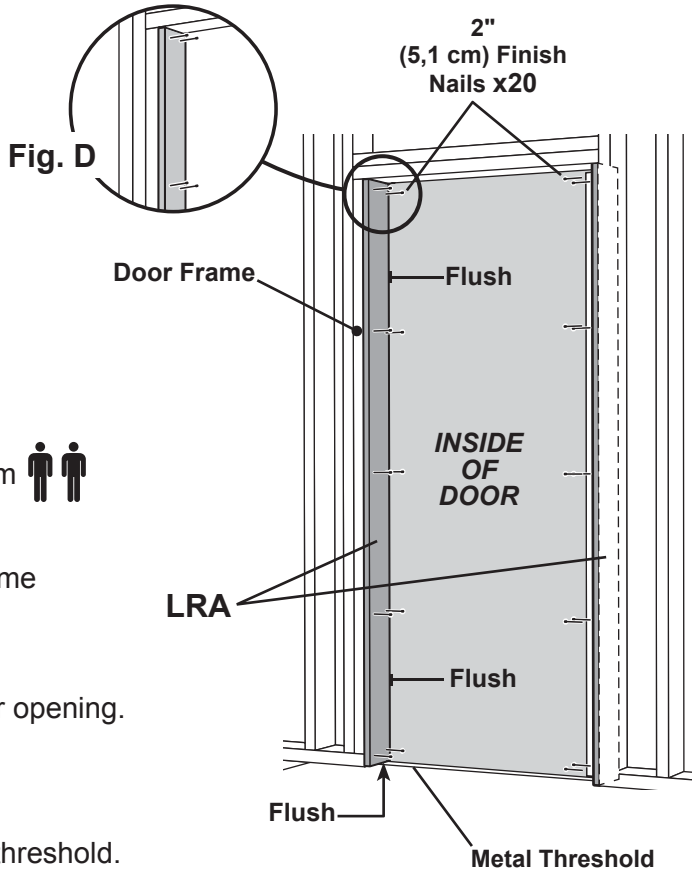
2 Secure using (6) 2" screws through outside trim into **OO (Fig. B)**





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





4 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" finish nails into right door frame as shown.

5 Repeat STEP 4 to install **LRA** on other side of door opening.

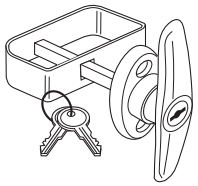
FINISH

6 You have finished installing your weatherstrip and threshold.

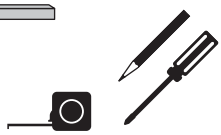
EAVE WALL R.H. DOOR HARDWARE

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

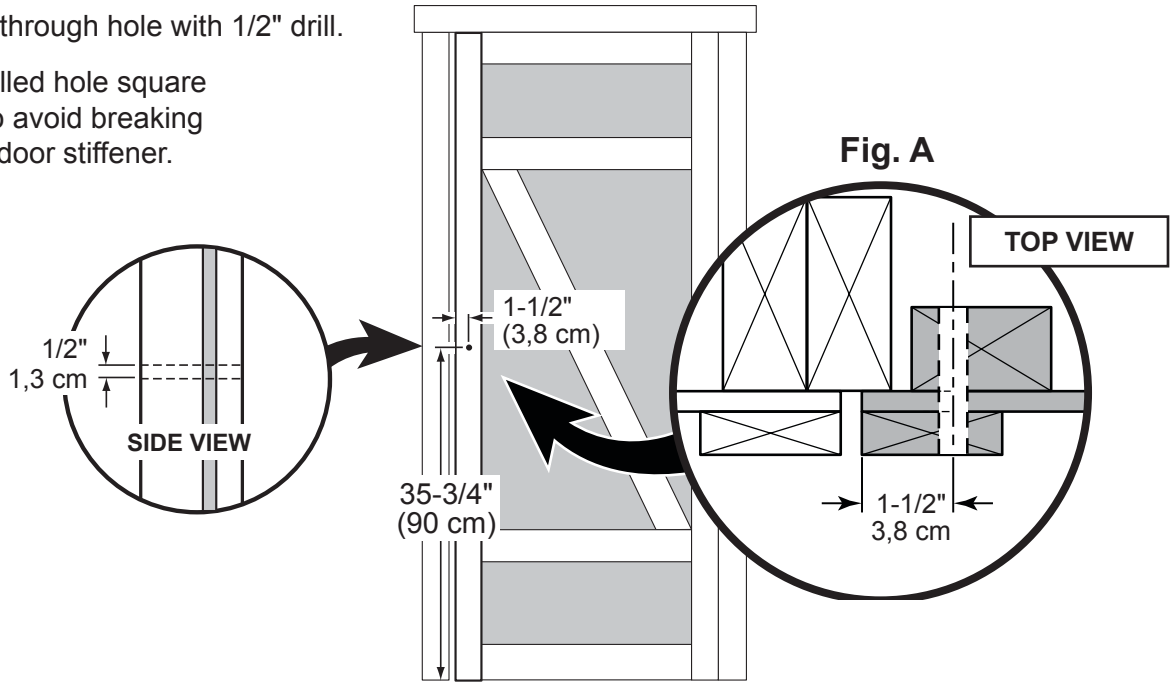
BEGIN

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.

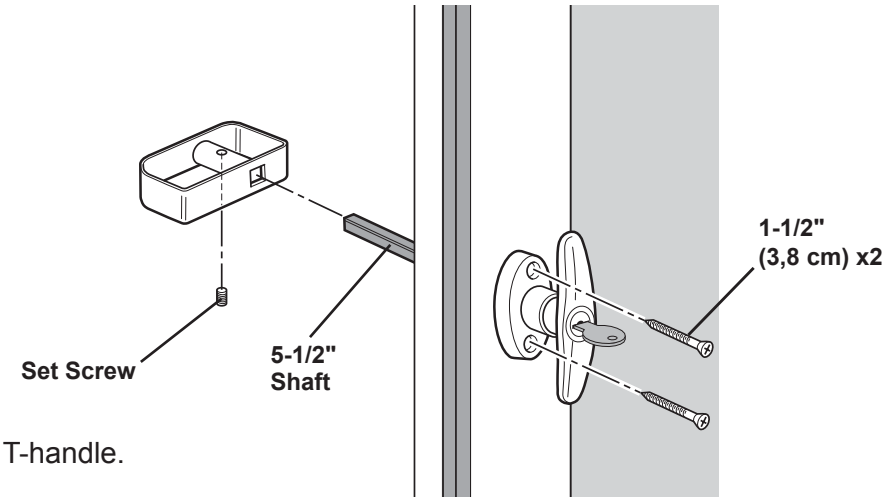
Fig. A



2 Insert handle in hole and secure using 1-1/2" (3,8 cm) screws **(Fig. B)**.

3 Attach inside handle and secure with set screw as shown.

Fig. B



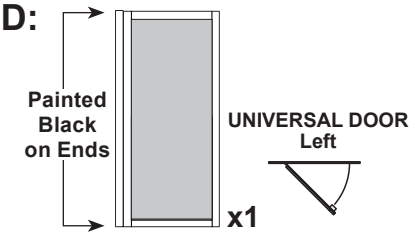
FINISH

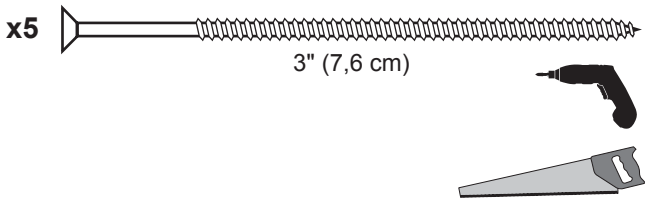
4 You have finished installing your T-handle.

Go to page 70.

EAVE WALL L.H. DOOR

PARTS REQUIRED:

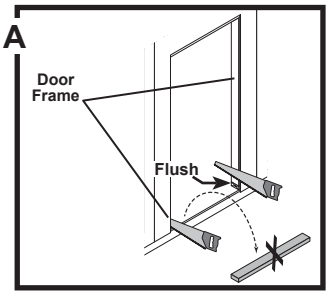




BEGIN

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!***

Fig. A

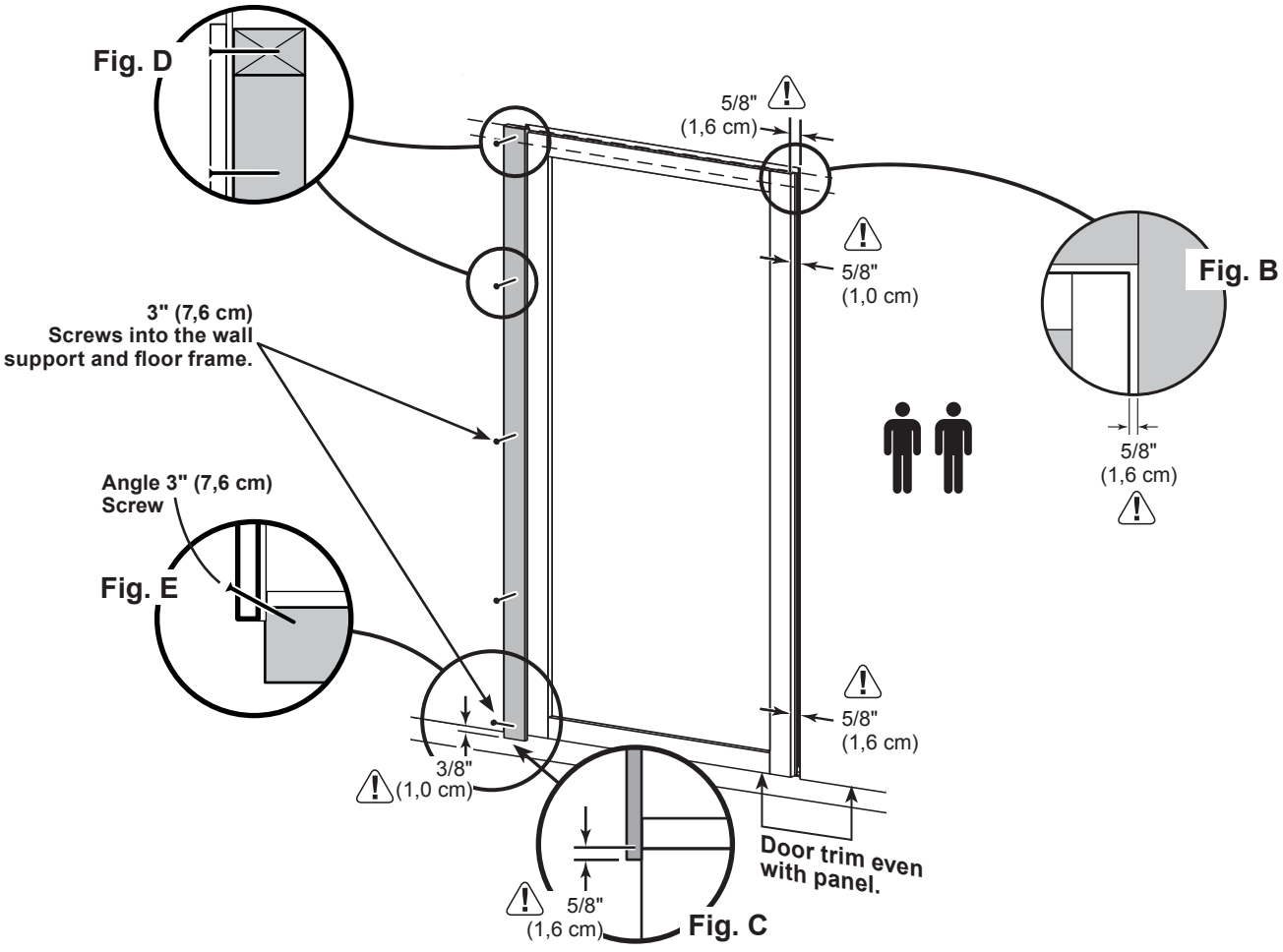


2 Install door with black-painted hinge board.

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 Screw hinge boards into wall supports and floor using five 3" screws as shown.
⚠ **Make sure screws go into framing and floor (Fig. D, Fig. E)**.



FINISH

6 You have finished installing your single door.

EAVE WALL L.H. DOOR - TRIM

PARTS REQUIRED:

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

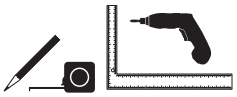
x1 **GEA**
19/32 x 3 x 39-3/8" (1,5 x 7,6 x 100 cm)

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

x33 3/4" (1,9 cm)

x9 2" (5,1 cm)

x1 **GPR**
19/32 x 2-1/2 x 51" (1,5 x 6,3 x 129,5 cm)

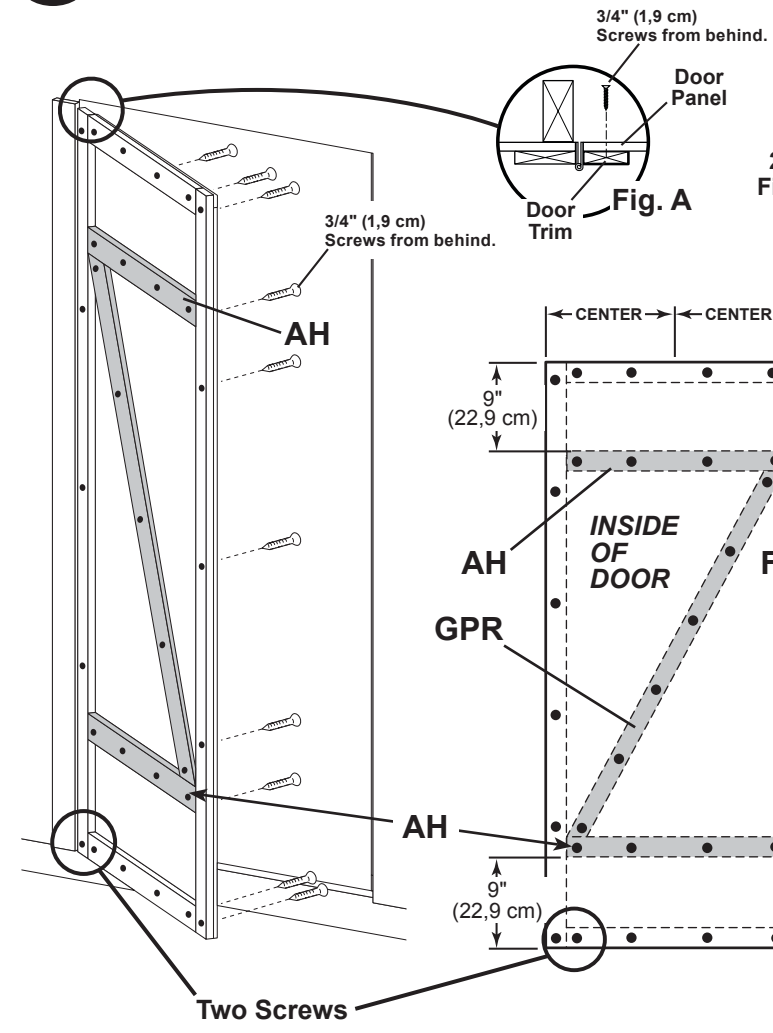


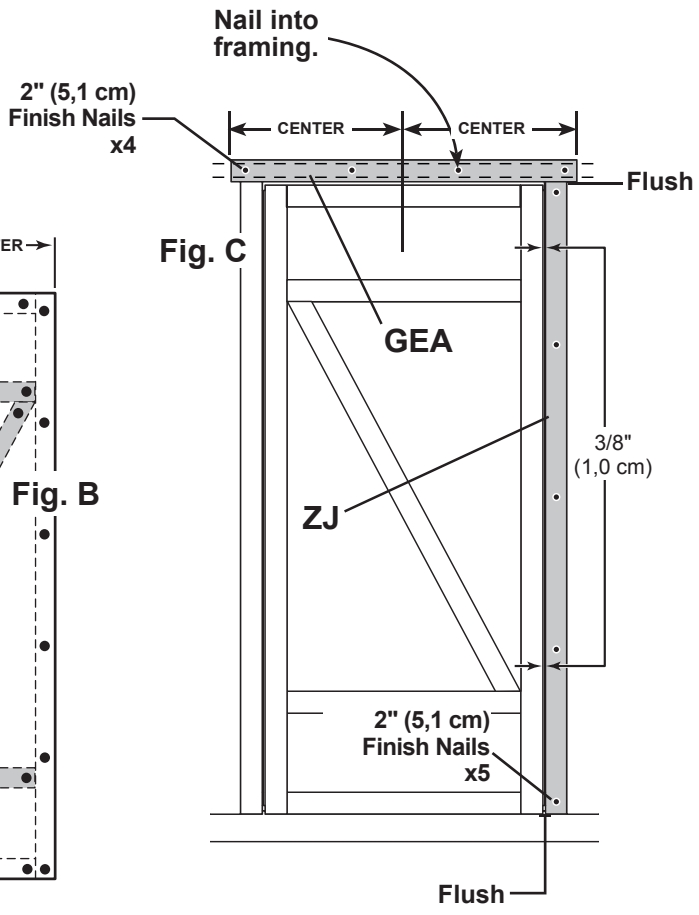
BEGIN

1. Secure door trim from inside using 3/4" screws as shown **(Fig. A)**.
2. Attach upper horizontal door rail **AH** with four 3/4" screws from inside of door.
3. Attach **GPR** flush to installed door trim **AH** with 3/4" screws from inside of door. **(Fig. B)**.
4. Reinforce the door trim using 3/4" screws through door panel into trim **(Fig. A)**. Locate screws as shown in **Fig. B**. Use two screws at seams.
5. Attach lower horizontal door rail **AH** with four 3/4" screws from inside of door **(Fig. B, C)**.
6. Flush **ZJ** with bottom of wall panel and door and secure using five 2" finish nails into framing as shown. Ensure 3/8" measurement as shown **(Fig. C)**.
7. Center trim **GEA** over door and secure using four 2" finish nails into framing as shown **(Fig. C)**.

FINISH

8. You have finished securing your DOOR TRIM.



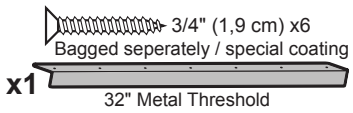


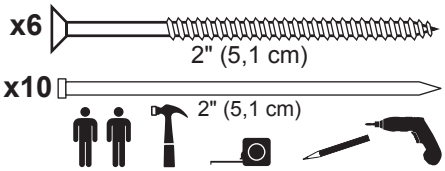
EAVE WALL - L.H. DOOR STIFFENER/ THRESHOLD/ WEATHER STRIP

PARTS REQUIRED:

x1 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

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

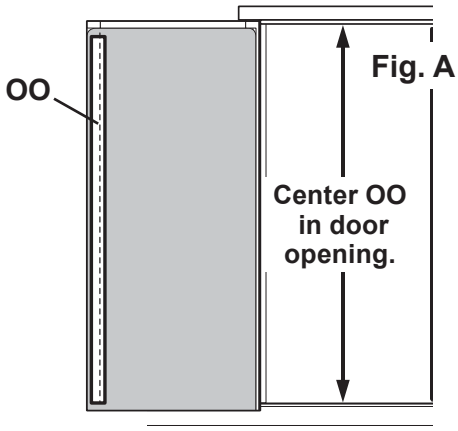


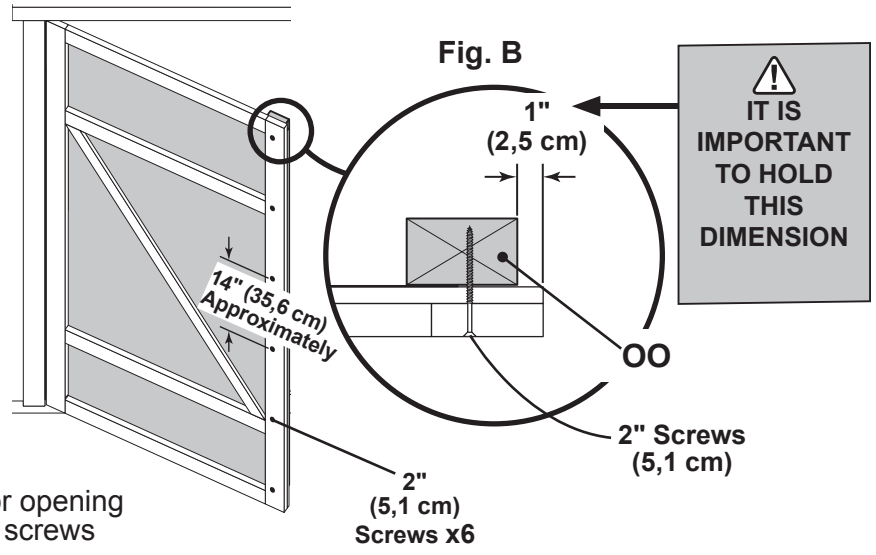


BEGIN

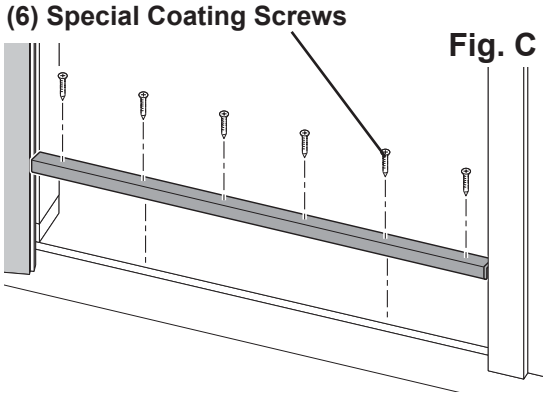
1 Center **OO** vertically on door in the door opening **(Fig. A)** 1" from edge of door **(Fig. B)**.

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

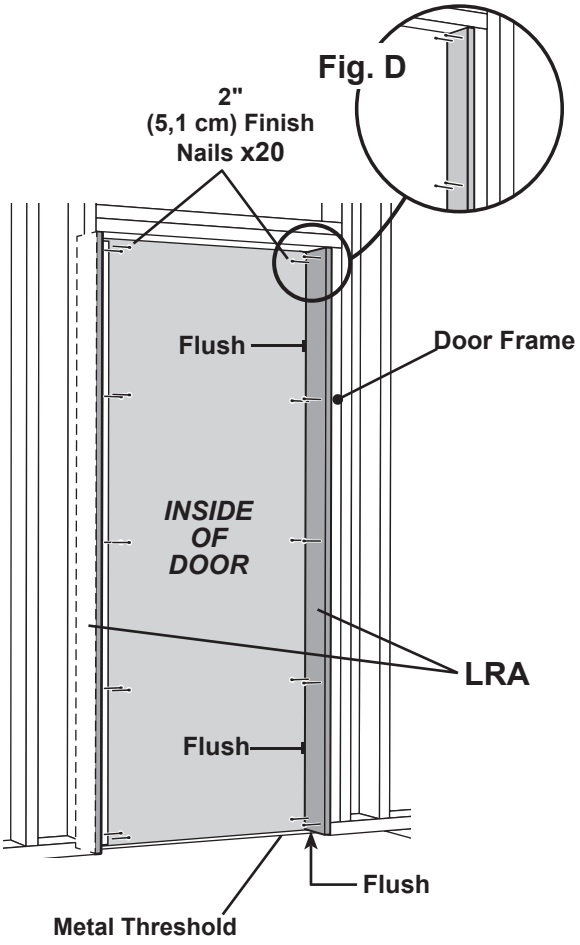




3 Center metal threshold on floor in door opening and secure using 3/4" special coating screws into floor as shown **(Fig. C)**.



4 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" finish nails into right door frame as shown.



5 Repeat STEP 4 to install **LRA** on other side of door opening.

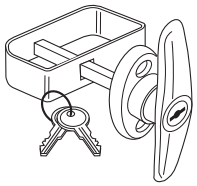
FINISH

6 You have finished installing your weatherstrip and threshold.

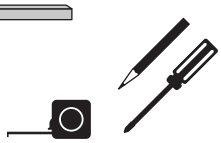
EAVE WALL L. H. - DOOR HARDWARE

PARTS REQUIRED:

x2 

x1 

x1 



1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

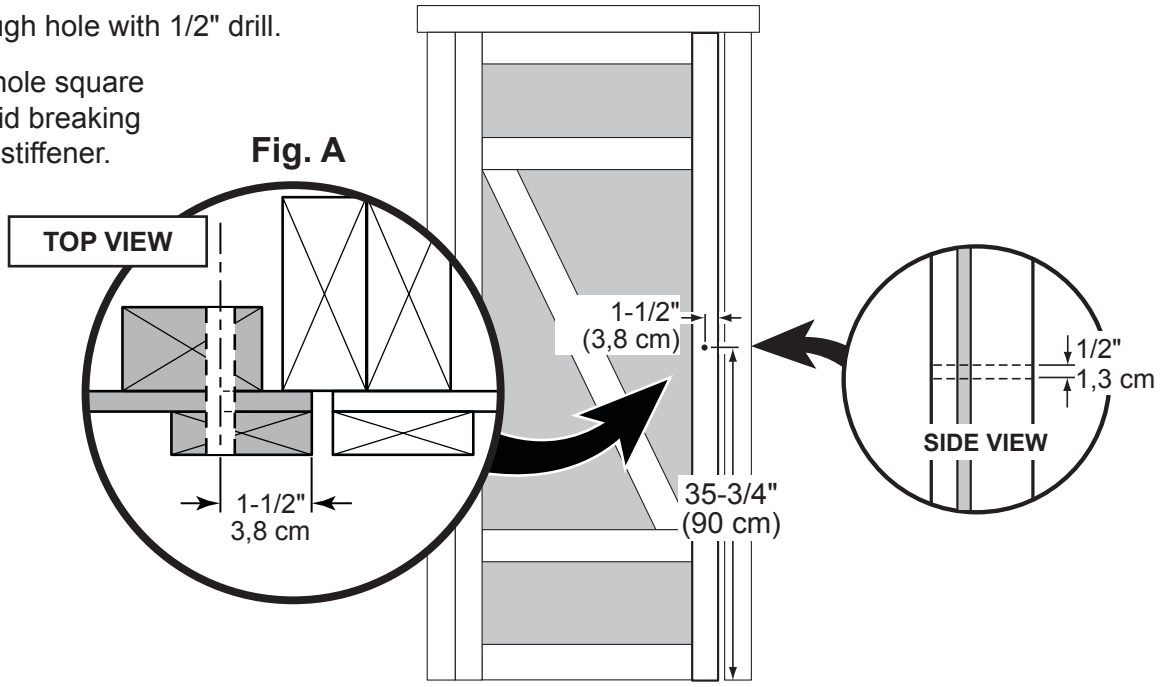
BEGIN

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.

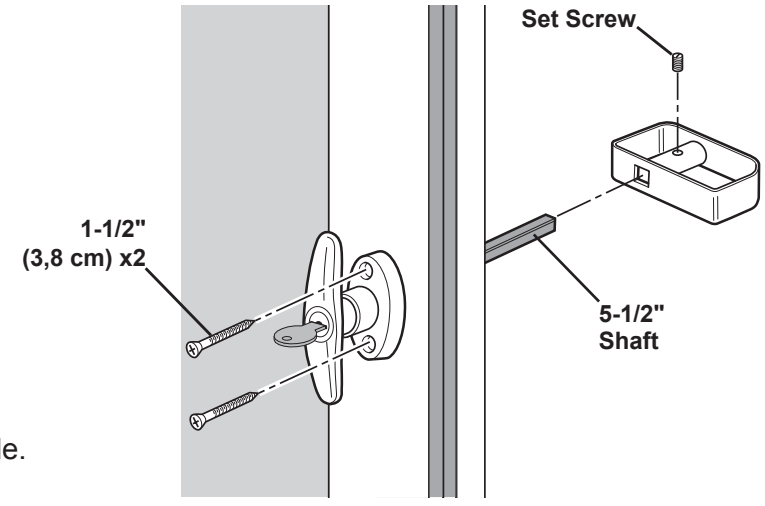
Fig. A



2 Insert handle in hole and secure using 1-1/2" (3,8 cm) screws **(Fig. B)**.

3 Attach inside handle and secure with set screw as shown.

Fig. B



FINISH

4 You have finished installing your T-handle.

Go to page 70.

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)

x48 2" (5,1 cm)

BEGIN

1 Attach one **81-7/8"** trim board flush under soffit panel and against eave wall **(Fig. A, B)** using one 2" finish nail at top as shown.

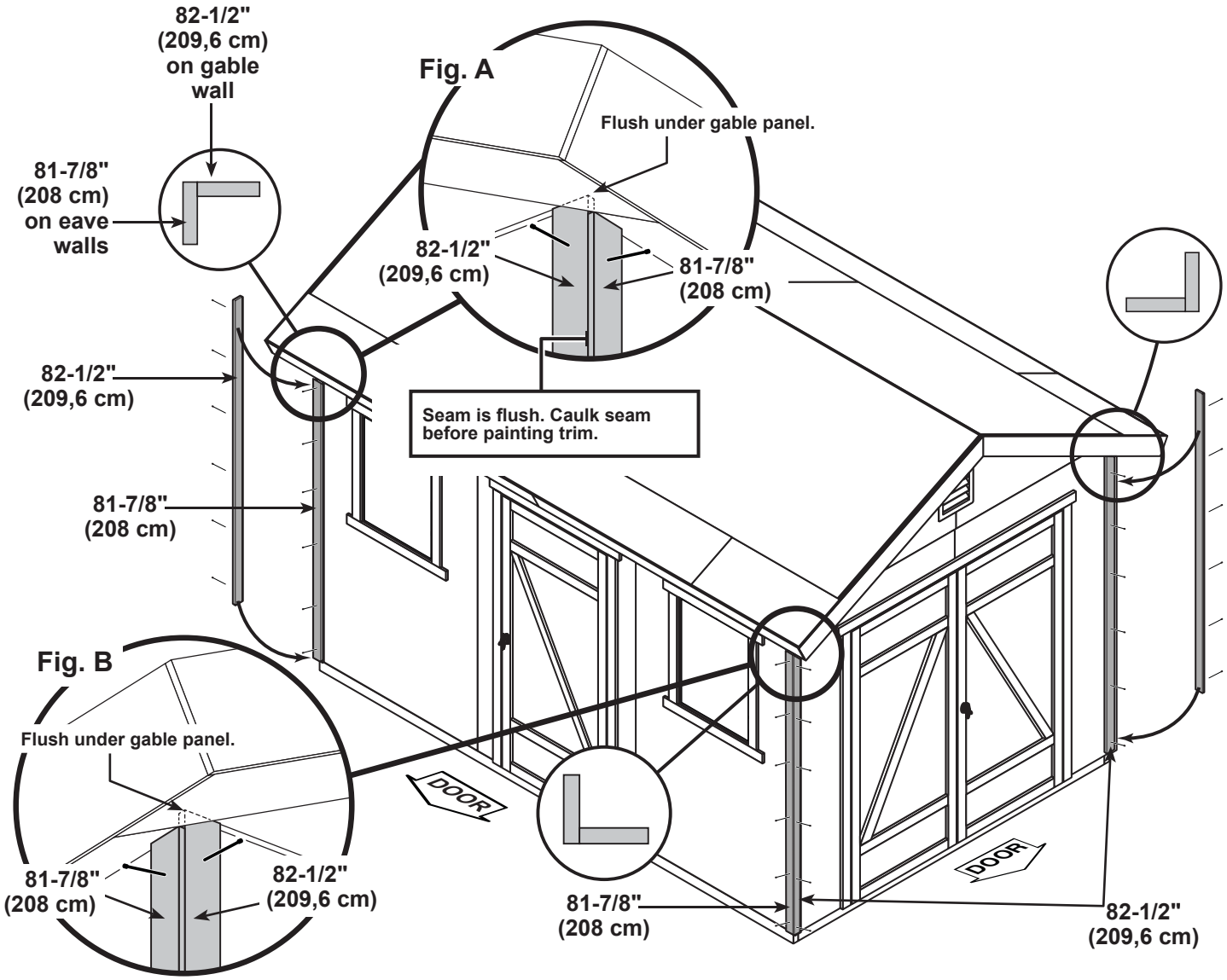
2 Position **82-1/2"** trim board flush along edge of **81-7/8"** trim board and flush under gable panel **(Fig. A, B)**. Secure using one 2" finish nail at top as shown.

Finish attaching trim flush to corners **(Fig. B)** using six 2" (5,1 cm) finish nails as shown.

3 Repeat **Steps 1-2** to attach trim to all four corners.

FINISH

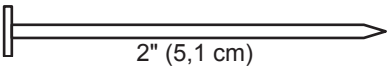
4 You have attached your corner trim.



COLLAR TIE

PARTS REQUIRED:

x2 **GUA**
1 x 3 x 60" (2,5 x 7,6 x 152,4 cm)

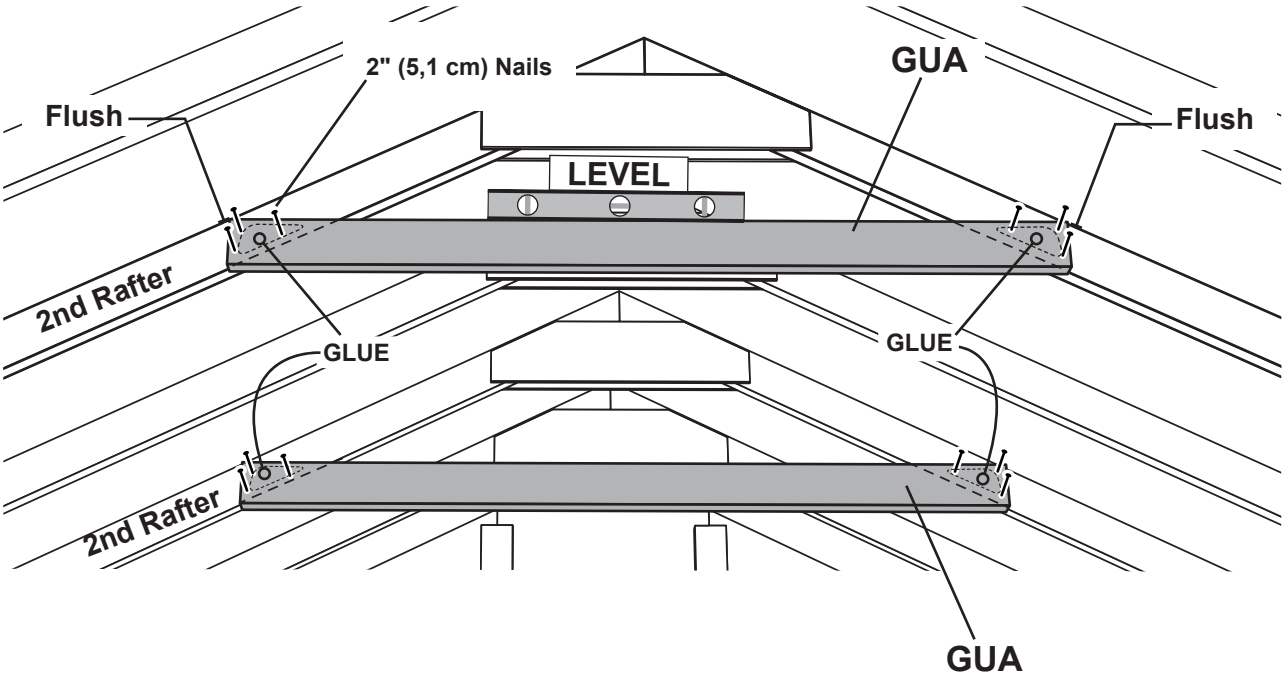




BEGIN

1 Position and level collar ties on 2nd rafters from front and back walls.

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

2 Attach with 2" nails as shown.



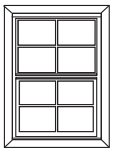
FINISH

3 You have finished installing your collar tie.

WINDOWS AND WINDOW TRIM

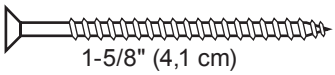
PARTS REQUIRED:

x2

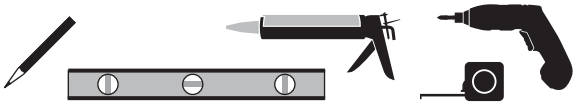


Window
22-1/4 x 29-3/4"
(56,5 x 75,6 cm)

x8



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



BEGIN

1 Mark center of window frame as shown. Measure over 11-1/2" and mark. Repeat step for other side.

2 Seal window with high-quality exterior-grade caulk before installing **(Fig. A)**.

3 Attach window using four 1-5/8" (4,1 cm) screws as shown. Ensure window is level.

4 Repeat **Steps 1-3** to install other front window.

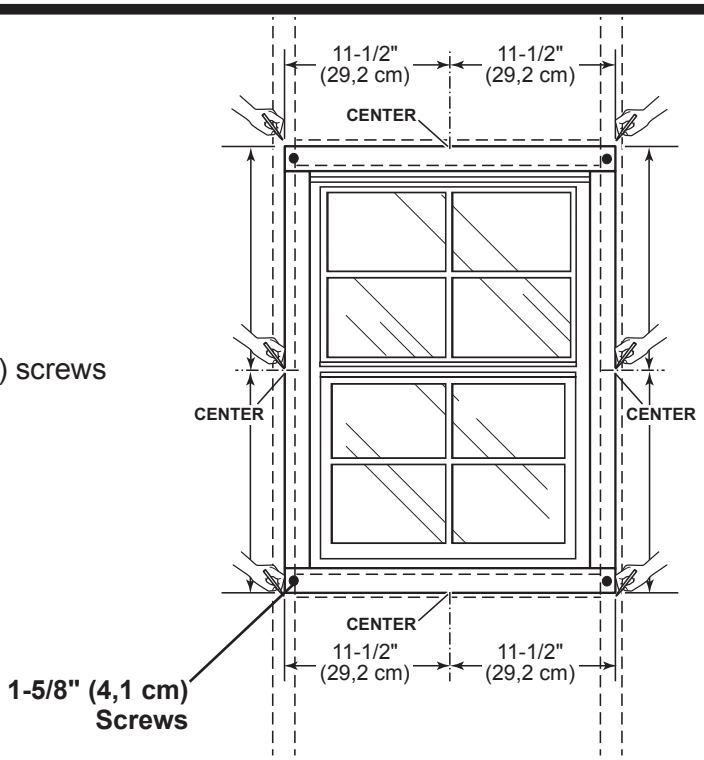
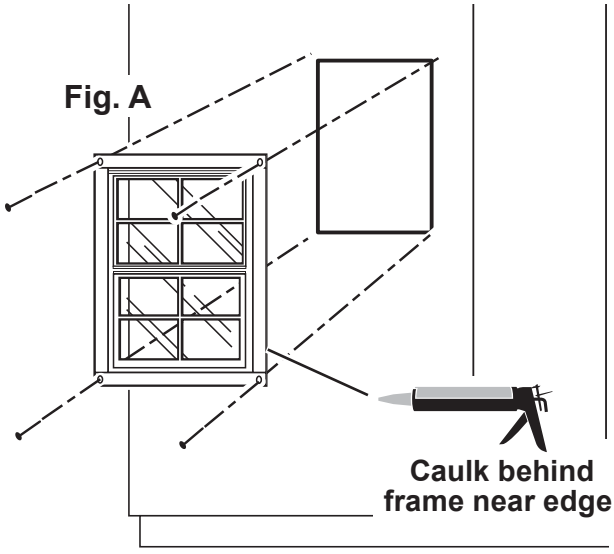


Fig. A



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)

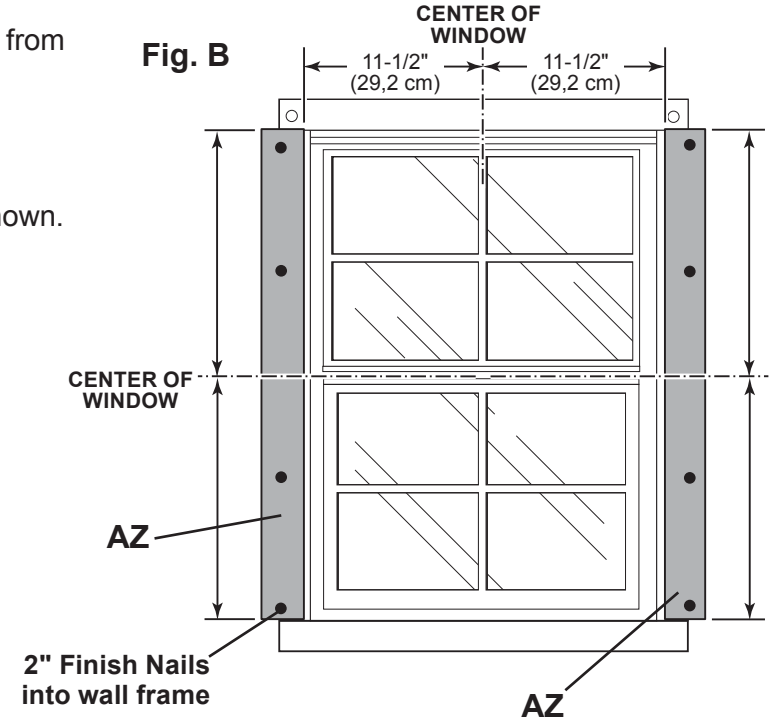
x32
2" (5 cm)

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.

Attach using 2" finish nails at locations shown.
Nail into window frame and studs behind.

Fig. B

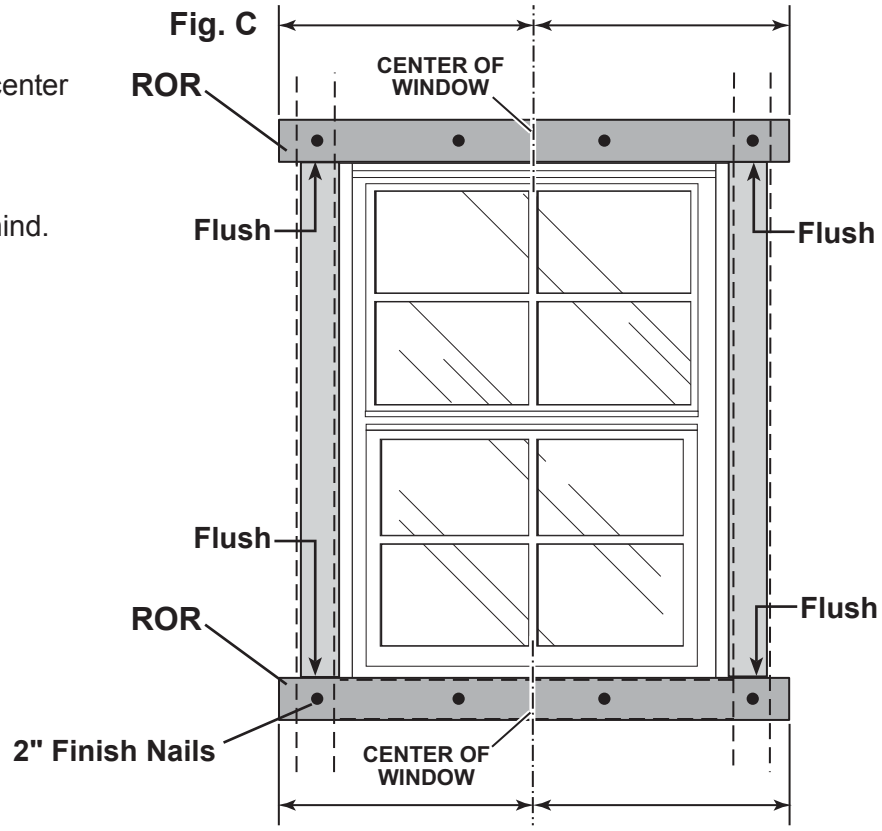


6 Place **ROR** flush to **AZ (Fig. C)** and center trim horizontally on window.

Attach using 2" finish nails.
Nail into window frame and studs behind.

Repeat to install other **ROR**.

Fig. C



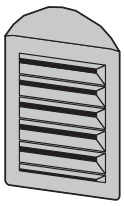
7 Repeat **Steps 5-6** to install trim for second window.

FINISH

8 You have finished installing your windows and window trim.

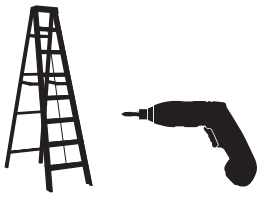
GABLE VENTS

PARTS REQUIRED:



x2 #15021

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

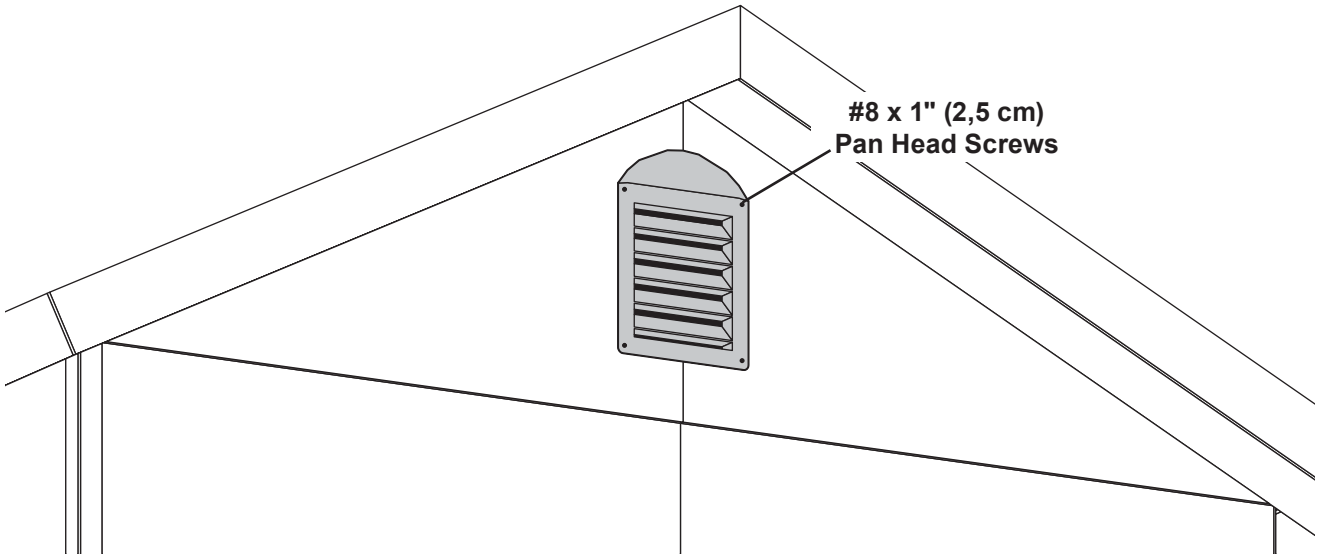


BEGIN

1 Locate vent in the gable wall as shown.

2 Secure using 1" (2,5 cm) screws.

3 Repeat **Steps 1-2** to install on the other gable wall.



FINISH

4 You have finished installing your vents.

PAINT & CAULK
- NOT INCLUDED -

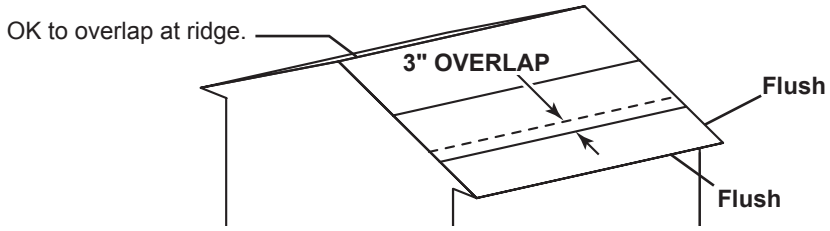
• Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.

• 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

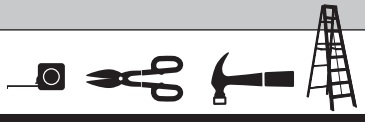
Note:
Prime all un-primed exterior wood before painting.
(Follow directions provided by manufacturer.)

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.

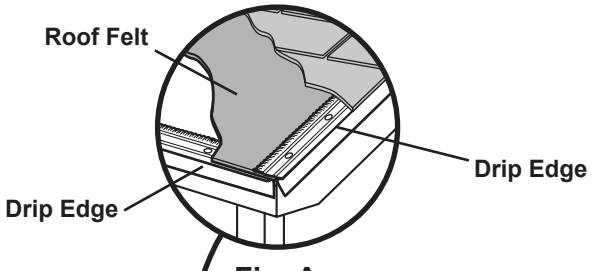
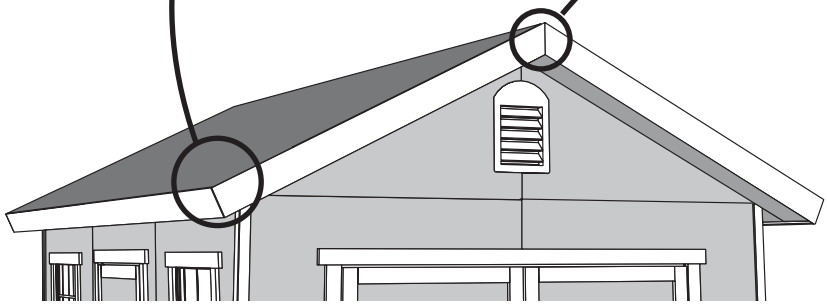
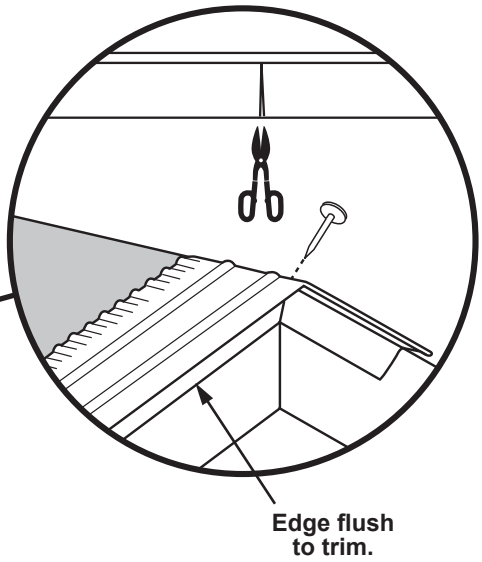


Fig. A



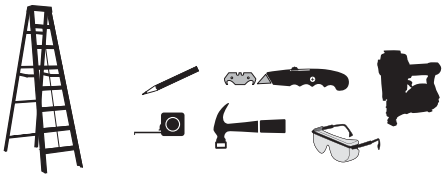


Snip bottom side of drip edge and bend over to other side of roof.

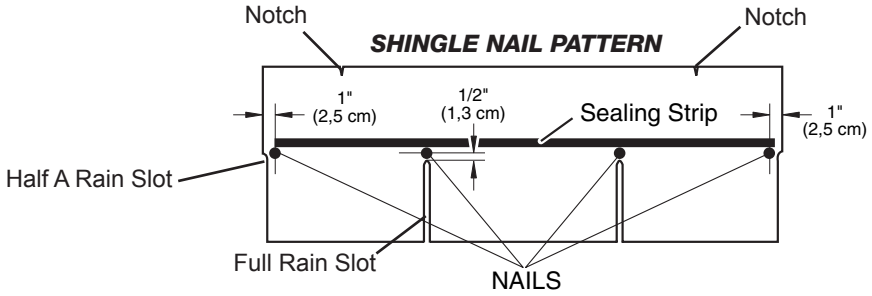
(Follow directions provided by manufacturer.)

SHINGLES
- NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.



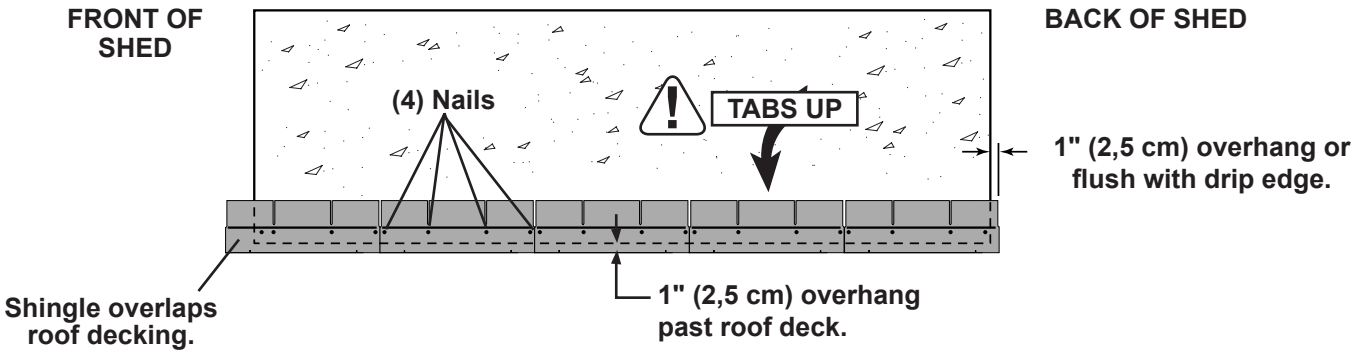
⚠ Familiarize yourself with a 3-Tab Shingle.



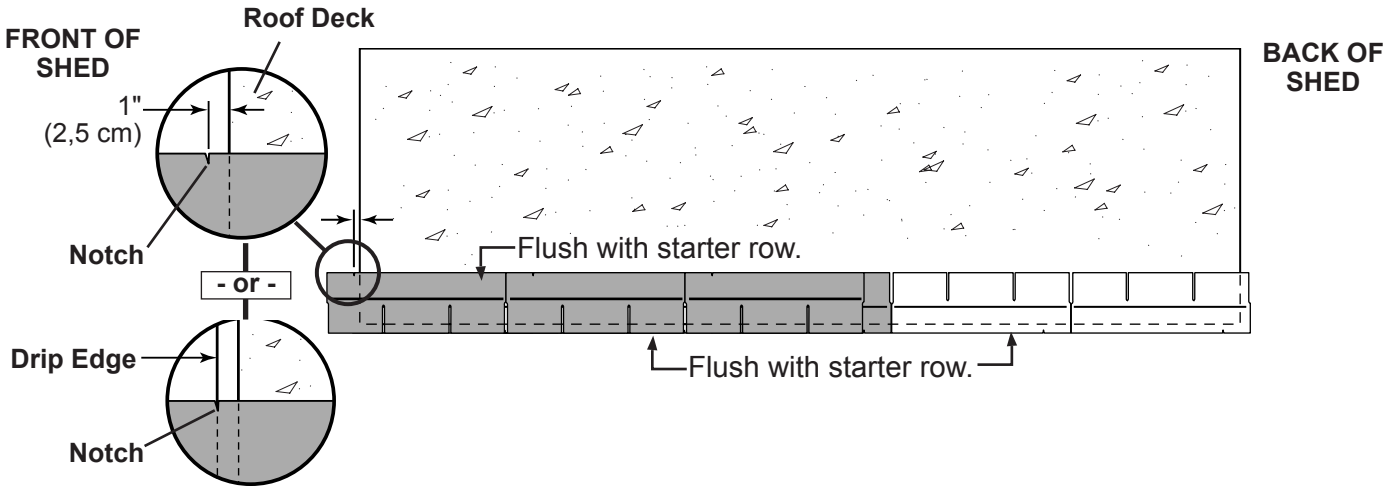
⚠ NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

✓BEGIN

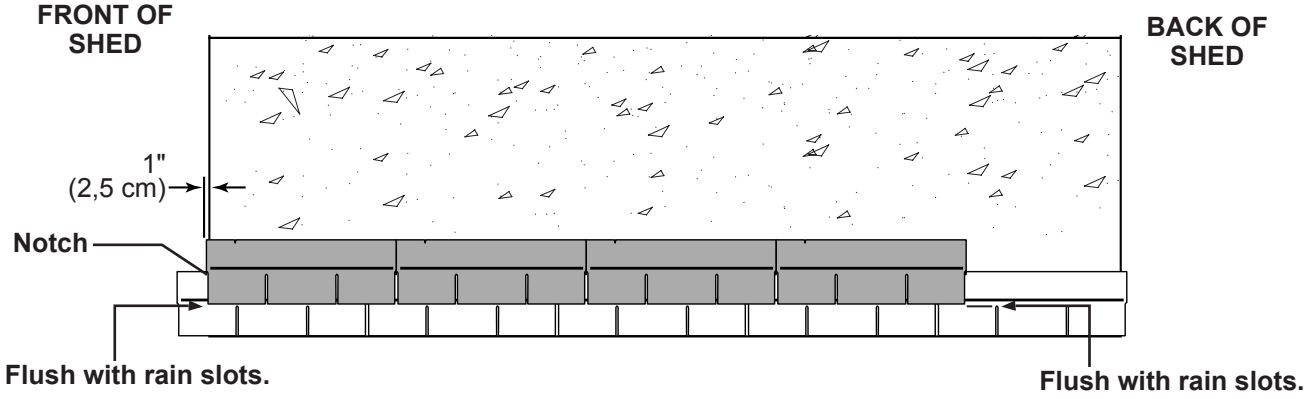
1 Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle.
Starter row must be straight and level all the way across with lower edge of roof deck.
NOTE: If you have installed drip edge install shingles flush to drip edge.



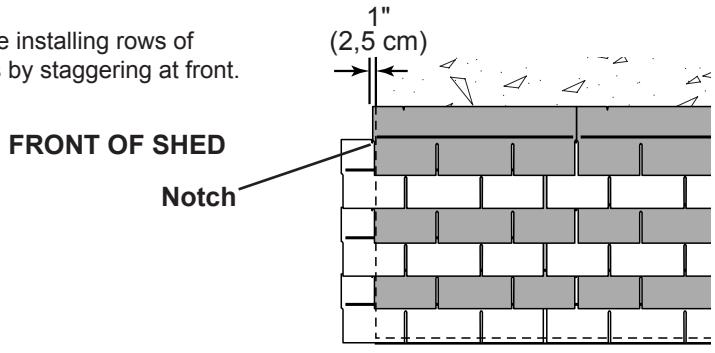
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



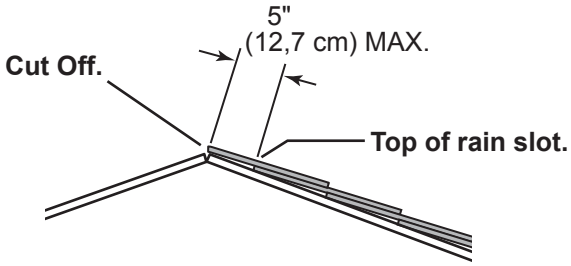
3 Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

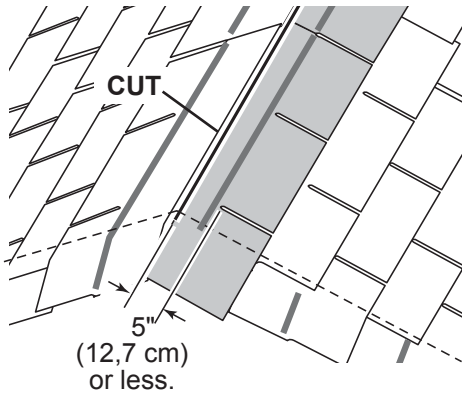


4 Continue installing rows of shingles by staggering at front.



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.



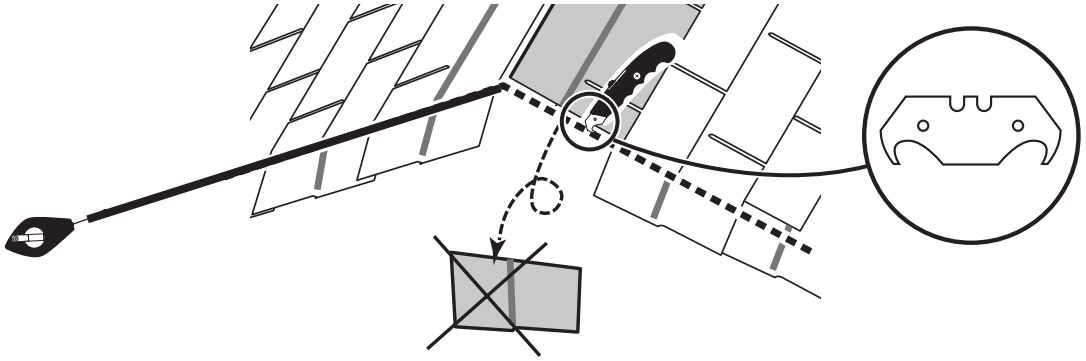


⚠ **• If more than 5" to rain slot you must install another row of shingles.**

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.

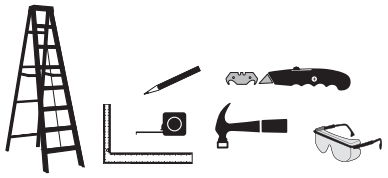


FINISH

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

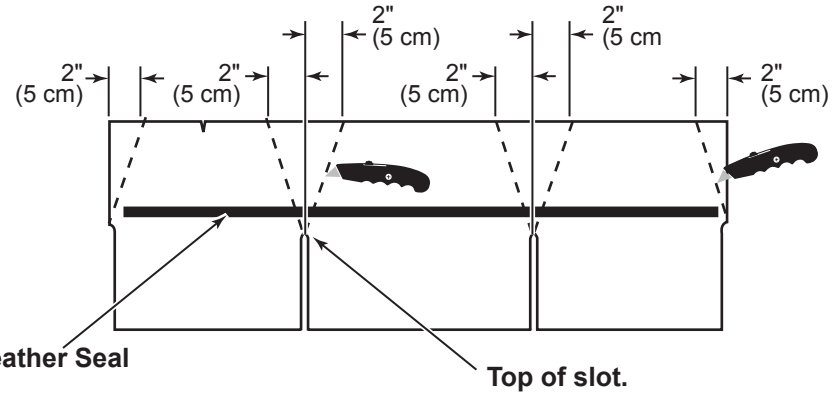
SHINGLES - RIDGE CAP

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



BEGIN

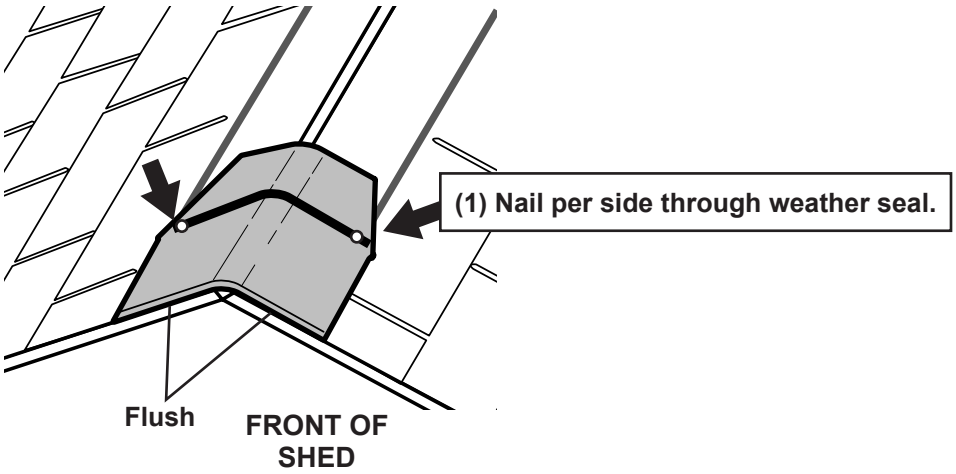
1 Cut shingles into THREE pieces. **Hint:** Use cut-off pieces first.



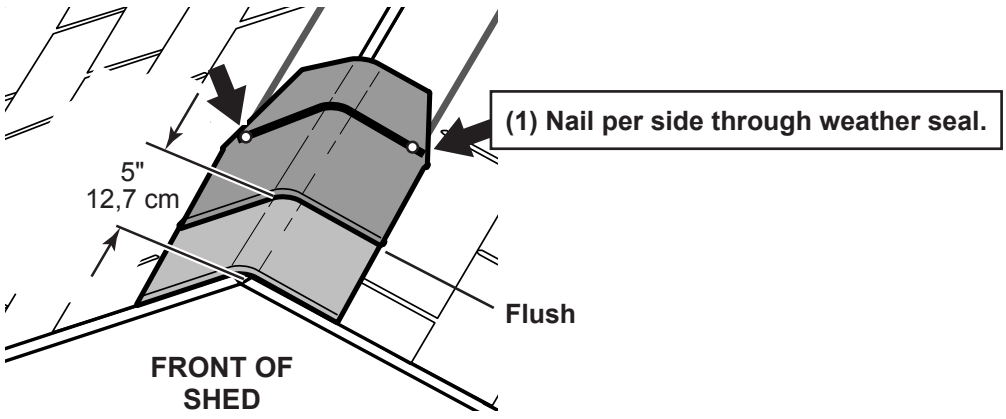
Score shingle, then snap-off angled cut.

Note: • You will need about 30 - 32 cut pieces.

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

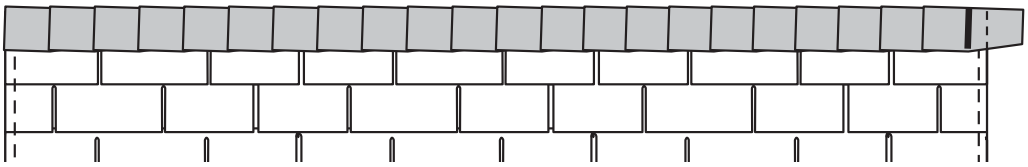


3 Install second ridge cap 5" back, as shown.

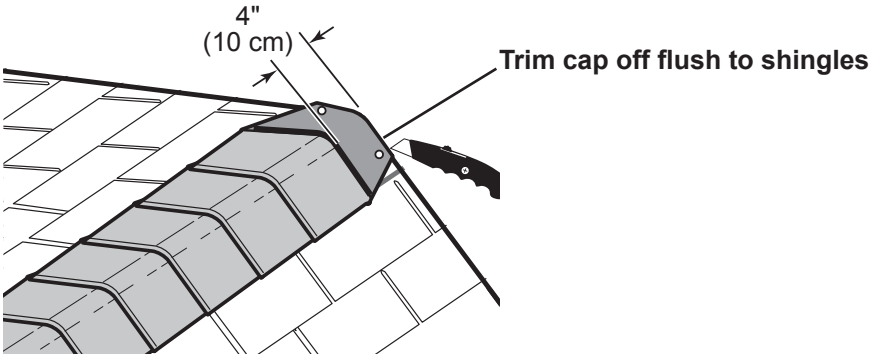


SHINGLES - RIDGE CAP
continued...

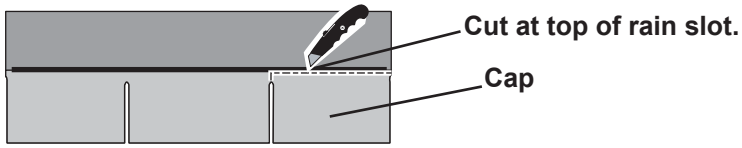
4 Continue installing ridge cap to back of roof.



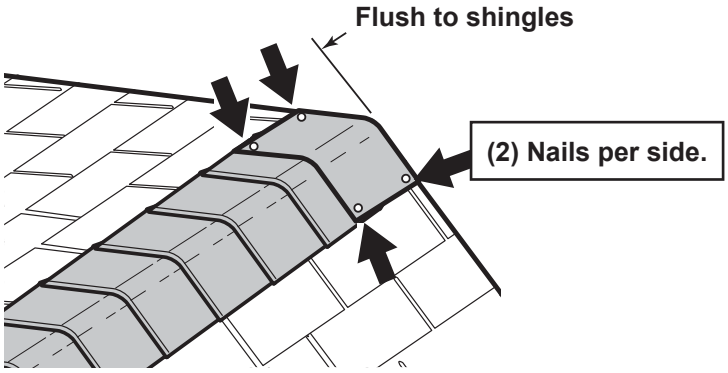
5 Make sure there is 4" between the shingle-color and edge of shingles.



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



7 Install flush to shingles.



FINISH

8 You have finished your ridge cap.

WARRANTY 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.

Heartland LDR: 1/19/2016