16810

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

16810	08/02/2016

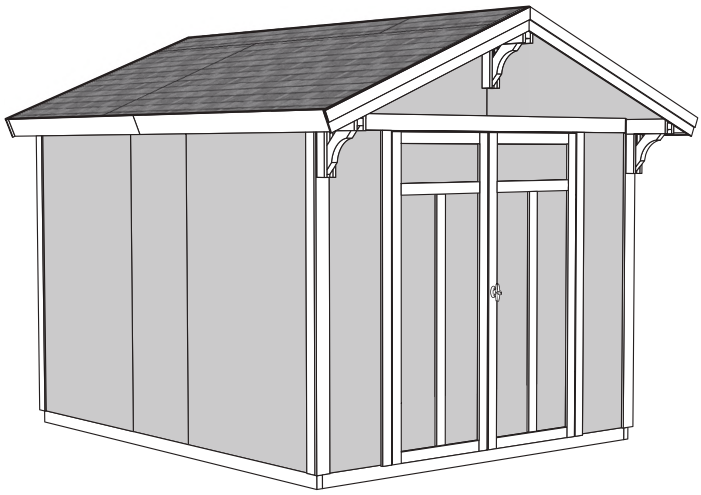
ASSEMBLY MANUAL

ARCHITECTURAL SERIES

PRESTWICK 8' x 10' (244 x 304,8 cm)

ACTUAL FLOOR SIZE IS: 96" x 120" (243,8 x 304,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



⚠ IMPORTANT! ⚠

READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

BEFORE YOU BEGIN

- **BUILDING RESTRICTIONS AND APPROVALS**

  Be sure to check 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 8.

- **CHECK ALL PARTS**

  Inventory all parts listed on pages 3 - 4. 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 5 for required and optional materials and quantities.

- CUSTOMER SERVICE -

Call: 1-800-577-9663 email: customerservice@backyardproductsllc.com

TOOLS

Required

- ❑ Phillips Screwdriver
- ❑ Drill / Driver
  - ❑ 5/16" Drill Bit
  - ❑ 1/8" Drill Bit
  - ❑ #2 Philips Drive Bit
- ❑ Level
- ❑ Pencil
- ❑ Tape Measure
- ❑ Square or
- ❑ Utility Knife
  - ❑ Shingle Blades
- ❑ Caulk Gun
- ❑ Paint Tools
- ❑ Safety Glasses
- ❑ Ladder

Optional

- ❑ Tool Belt/ Nail Pouch
- ❑ Tin Snips (for drip edge)
- ❑ Chalk Line
- ❑ Nail Gun
  - • gun nails
- ❑ Gloves
- ❑ Hammer
- ❑ Wood Glue

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.

☐ **x3** **PLA** ▭ 2 x 2 x 10-3/8" (5,1 x 5,1 x 26,4 cm)

= Mark part with pencil.

✓**BEGIN** = Beginning of steps for assembly or installation.

FINISH = You have finished the assembly or installation.

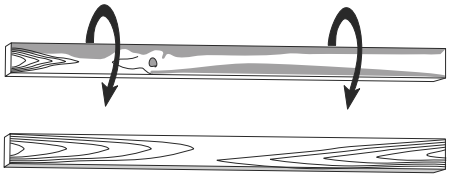
= Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

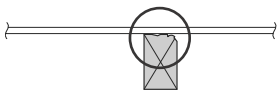
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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**.)

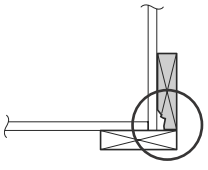
A



B

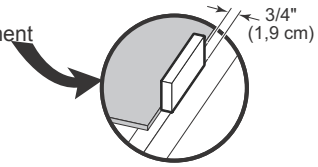


C



PARTS 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 RD 2 x 4 x 16-1/2" (2,5 x 10,2 x 41,9 cm)
- ☐ x1 YG 2 x 4 x 17-1/2" (2,5 x 10,2 x 44,5 cm)
- ☐ x1 SBA 2 x 4 x 21" (5,1 x 10,2 x 53,3 cm)
- ☐ x4 SP 2 x 4 x 48" (5,1 x 10,2 x 122 cm)
- ☐ x1 KMA 2 x 4 x 59" (5,1 x 10,2 x 149,9 cm)
- ☐ x2 JJA 2 x 4 x 68-3/8" (5,1 x 10,2 x 173,7 cm)
- ☐ x25 TM 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- ☐ x3 SZ 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)

RAFTERS

- ☐ x9 6 x 24" (15,2 x 61 cm)
- ☐ x1 JF 1 x 4 x 60" (2,5 x 10,2 x 152,4 cm)
- ☐ x10 QJA 2 x 4 x 59-7/8" (5,1 x 10,2 x 152,1 cm)
- ☐ x4 QHA 2 x 4 x 59-7/8" (5,1 x 10,2 x 152,1 cm)
- ☐ x8 RCO 2 x 4 x 8-7/8" (5,1 x 10,2 x 22,5 cm)
- ☐ x4 PVA 2 x 4 x 5-7/8" (5,1 x 10,2 x 14,9 cm)

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)

TRIM

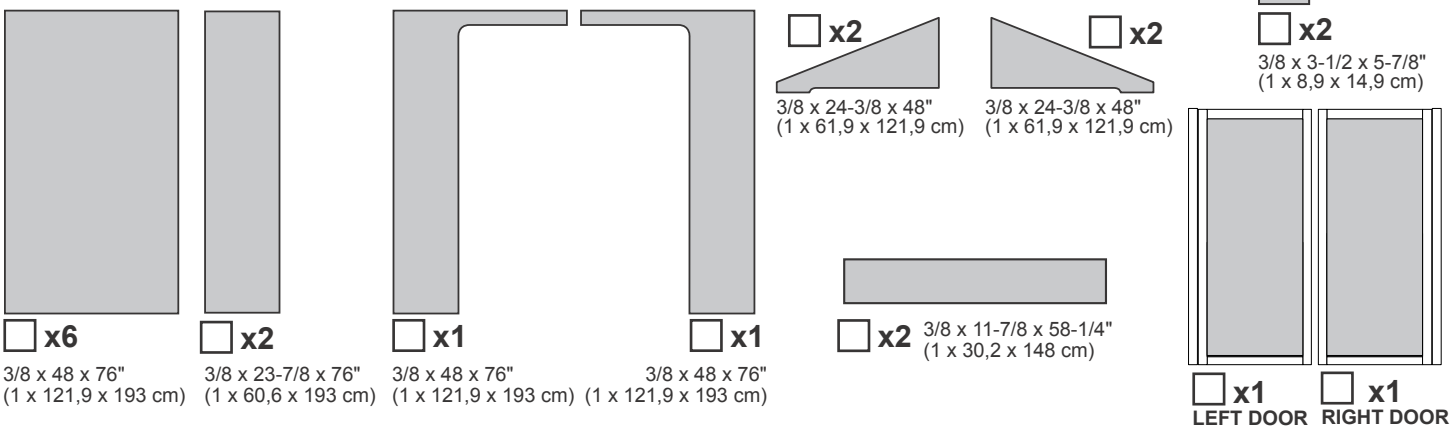
- ☐ x6 GCA 1 x 3 x 9-1/2" (2,5 x 7,6 x 24,17 cm)
- ☐ x3 PRO 2 x 2 x 10-3/8" (5,1 x 5,1 x 26,4 cm)
- ☐ x4 NGO 1 x 3 x 11-7/8" (2,5 x 7,6 x 30,2 cm)
- ☐ x2 FJ 1 x 4 x 11-7/8" (2,5 x 10,2 x 30,2 cm)
- ☐ x3 PKA 2 x 2 x 12" (5,1 x 5,1 x 30,5 cm)
- ☐ x3 LPA 2 x 4 x 14" (5,1 x 10,2 x 35,6 cm)
- ☐ x2 LV 2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)
- ☐ x2 3/8 x 5-7/8 x 47-7/8" (1 x 12,1 x 121,6 cm)
- ☐ x2 3/8 x 4-3/4 x 61-1/2" (1 x 12,1 x 156,2 cm)
- ☐ x1 3/8 x 2-1/2 x 61" (1 x 6,4 x 154,9 cm)
- ☐ x1 3/8 x 2-1/2 x 61" (1 x 6,4 x 154,9 cm)
- ☐ x2 3/8 x 4-3/4 x 61" (1 x 12,1 x 154,9 cm)
- ☐ x2 3/8 x 4-3/4 x 61" (1 x 12,1 x 154,9 cm)
- ☐ x1 WR 19/32 x 2-1/2 x 63" (1,5 x 6,4 x 160 cm)
- ☐ x2 3/8 x 4-3/4 x 72" (1 x 12,1 x 182,9 cm)
- ☐ x2 3/8 x 5-7/8 x 73-5/8" (1 x 14,9 x 187,6 cm)
- ☐ x8 3/8 x 2-13/16 x 73-7/8" (1 x 7,1 x 187,6 cm)

DOOR

- ☐ x2 GI 19/32 x 2-1/2 x 23" (1,5 x 6,3 x 58,4 cm)
- ☐ x2 FDA 19/32 x 2-1/2 x 55-1/8" (1,5 x 6,3 x 140 cm)
- ☐ x2 OO 1-1/4 x 2-1/2 x 69" (3,2 x 6,3 x 175,3 cm)

WALL PANELS, OVERHANG, SOFFIT & DOORS

NOTE: Panel parts are not stamped.



☐ **x6** 3/8 x 48 x 76" (1 x 121,9 x 193 cm)

☐ **x2** 3/8 x 23-7/8 x 76" (1 x 60,6 x 193 cm)

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

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

☐ **x2** 3/8 x 24-3/8 x 48" (1 x 61,9 x 121,9 cm)

☐ **x2** 3/8 x 24-3/8 x 48" (1 x 61,9 x 121,9 cm)

☐ **x2** 3/8 x 11-7/8 x 58-1/4" (1 x 30,2 x 148 cm)

☐ **x2** 3/8 x 3-1/2 x 5-7/8" (1 x 8,9 x 14,9 cm)

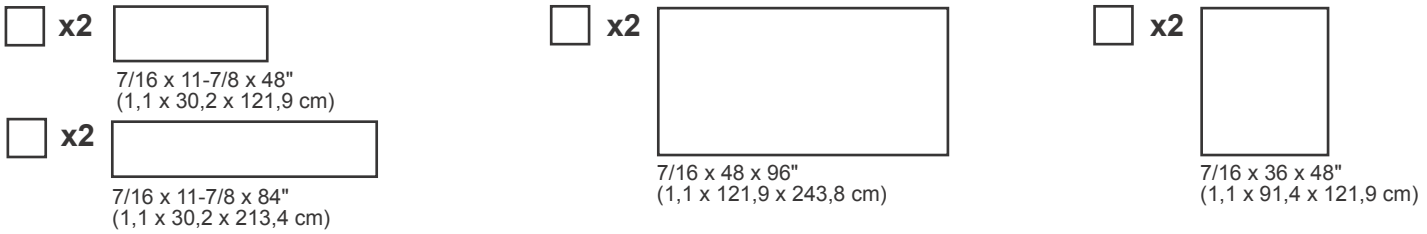
☐ **x1** LEFT DOOR

☐ **x1** RIGHT DOOR

ROOF PANELS

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

NOTE: Panel parts are not stamped.



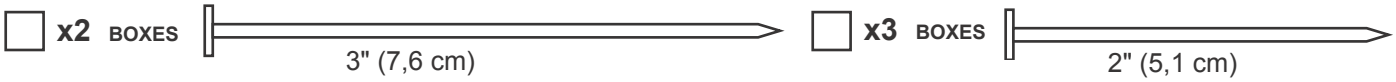
☐ **x2** 7/16 x 11-7/8 x 48" (1,1 x 30,2 x 121,9 cm)

☐ **x2** 7/16 x 11-7/8 x 84" (1,1 x 30,2 x 213,4 cm)

☐ **x2** 7/16 x 48 x 96" (1,1 x 121,9 x 243,8 cm)

☐ **x2** 7/16 x 36 x 48" (1,1 x 91,4 x 121,9 cm)

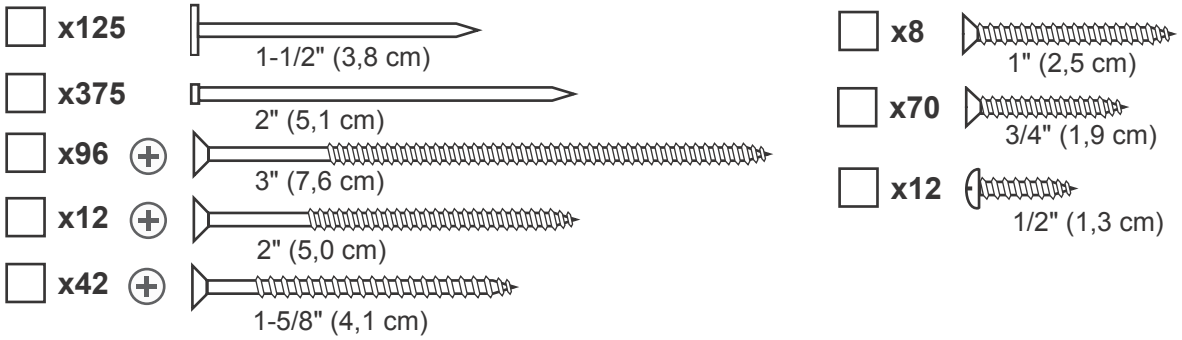
NAIL BOXES



☐ **x2** BOXES 3" (7,6 cm)

☐ **x3** BOXES 2" (5,1 cm)

FASTENER/HARDWARE BAG



☐ **x125** 1-1/2" (3,8 cm)

☐ **x375** 2" (5,1 cm)

☐ **x96** ⊕ 3" (7,6 cm)

☐ **x12** ⊕ 2" (5,0 cm)

☐ **x42** ⊕ 1-5/8" (4,1 cm)

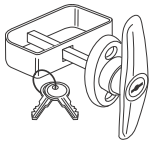
☐ **x8** 1" (2,5 cm)

☐ **x70** 3/4" (1,9 cm)

☐ **x12** 1/2" (1,3 cm)

DOOR & WINDOW HARDWARE / VENT

T-Handle

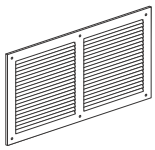


☐ **x1**

☐ **x2** 1-1/2" (3,8 cm)

(2 screws in each package)

Vent



☐ **x2**

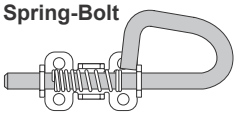
☐ **x1**

56" Metal Threshold

3/4" (1,9 cm) x18

Bagged seperately / special coating

Spring-Bolt



☐ **x2**

☐ **x8** 1" (2,5 cm)

(4 screws in each package)

ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

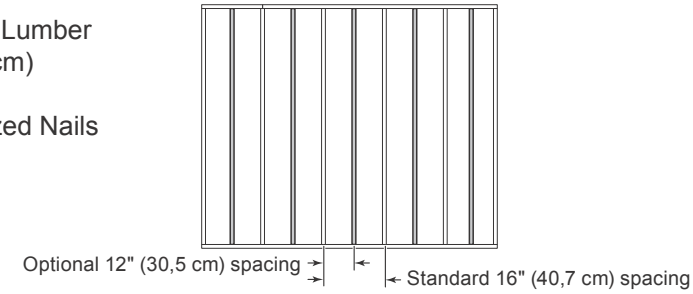
- This shed does not include any floor or leveling materials. Use our optional floor kit with building instructions and nails included.
- See the FLOOR LEVELING section on page 8 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.
- If you choose to install your kit on a concrete slab refer to page 6.
- If you choose to build your own wood floor foundation refer to page 7.

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):

☐ **x5** 2 x 4 x 8' (5 x 10 x 244 cm) Treated Lumber
Cut to (3) 2 x 4 x 93" (5 x 10 x 236 cm)

☐ **x20** ea. 3" (7,6 cm) Hot Dipped Galvanized Nails



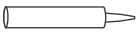
COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES ..... 5 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 ..... 43 Feet**

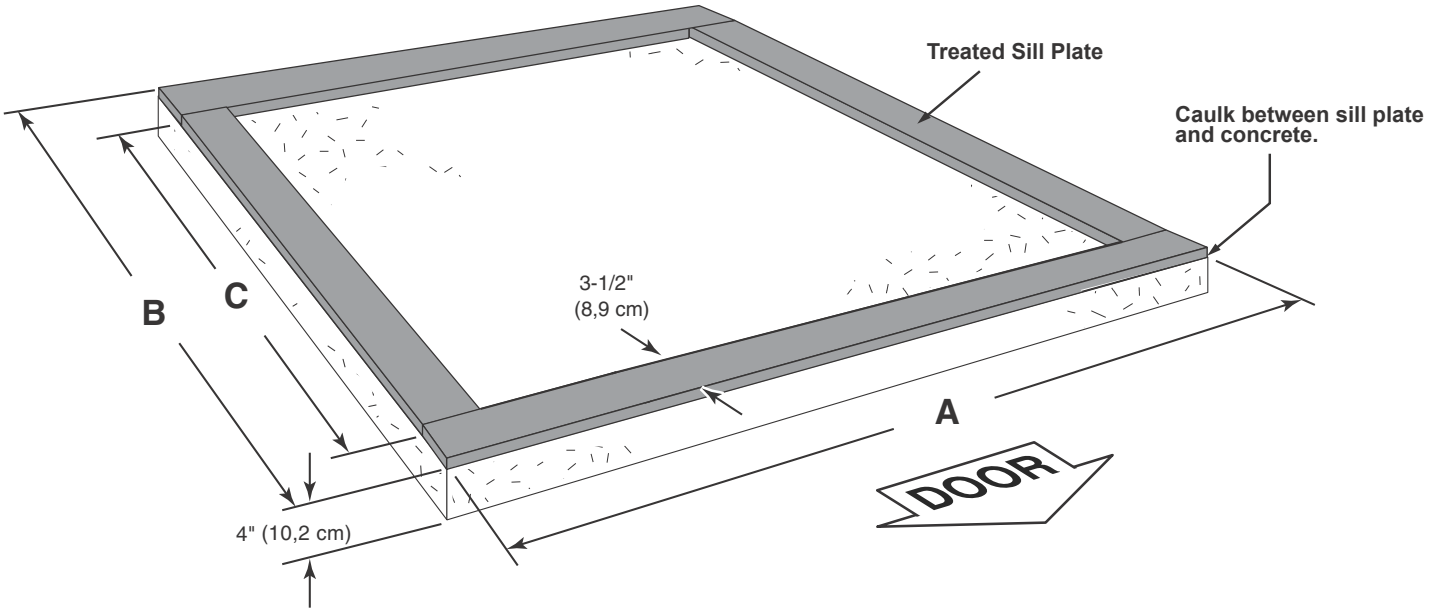
☐ **#15 ROOFING FELT**
To cover 110 Sq. Ft. of roof area.

☐ **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

If you choose to install your kit on a concrete slab refer to the diagram below.



Building Size	Actual Floor Size	A	B	C
8' x 10' (243,8 x 304,8 cm)	8' x 10' (235 x 304,8 cm)	96" (243,8 cm)	120" (304,8 cm)	113" (287 cm)

Requires: ACTUAL FLOOR SIZE IS: 96" x 120" (243,8 x 304,8 cm)

- ☐ **x2** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) ⚠ **MUST be treated lumber.**
- ☐ **x2** 2 x 4 x 10' (5,1 x 10,2 x 305 cm) ⚠ **MUST be treated lumber.**
- ☐ **x2** **Caulk**

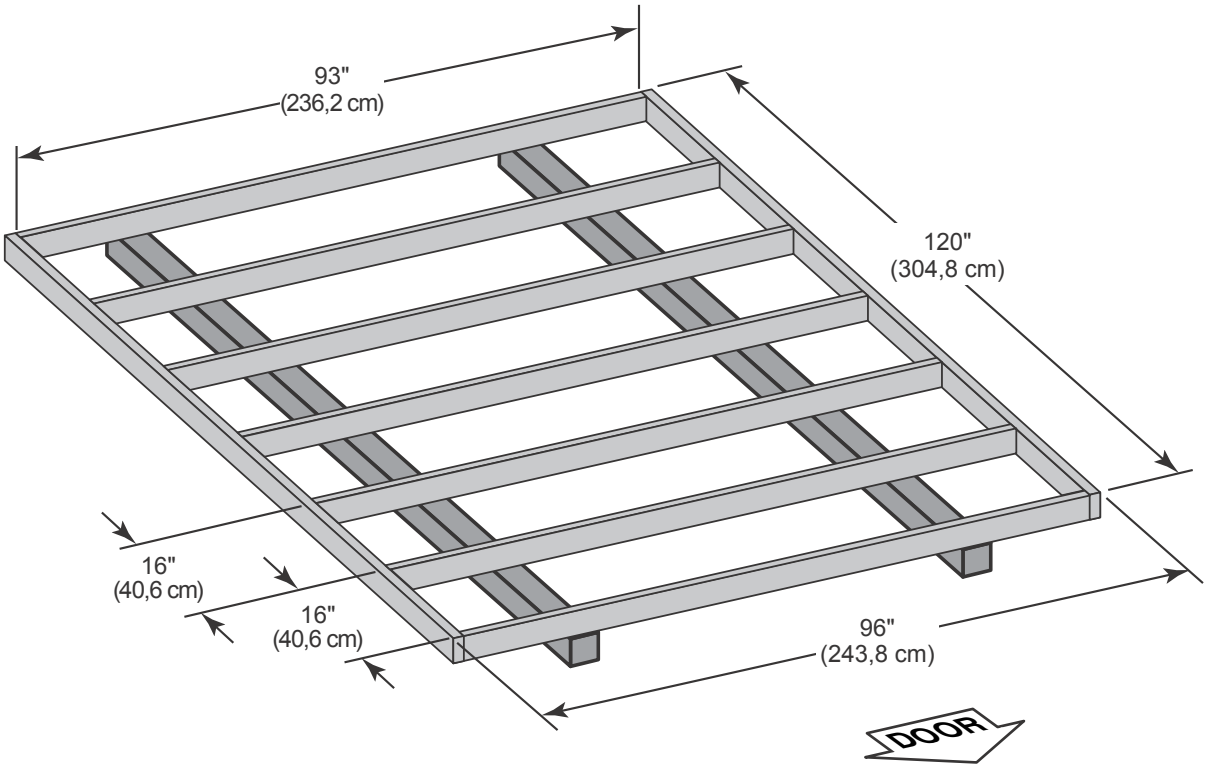
⚠ Allow new concrete slabs to cure for at least seven (7) days.

- A treated 2 x 4" (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete.
- 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 10' (5,1 x 10,2 x 304,8 cm) ⚠ **MUST be treated lumber**
- ☐ **x7** 2" x 4" x 8' (5,1 x 10,2 x 243,8 cm) ⚠ **MUST be treated lumber**
- ☐ **x2** 4" x 4" x 10' (10,2 x 10,2 x 304,8 cm) ⚠ **MUST be treated lumber**

☐ **x3** 5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)

☐ **x1** 2" (5,1 cm) **1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails**

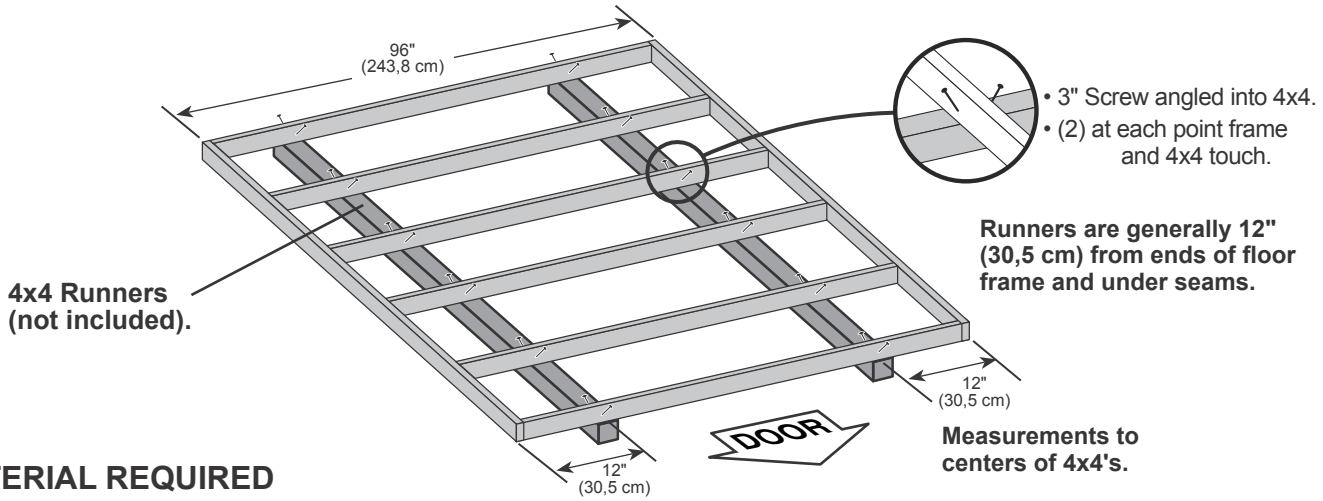
☐ **x28** 3" (7,6 cm) **40 Nails - 3" (7,6 cm) Hot Dipped Galvanized Box-Type Nails**

☐ **x28** 3" (7,6 cm) **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 10' Kit)



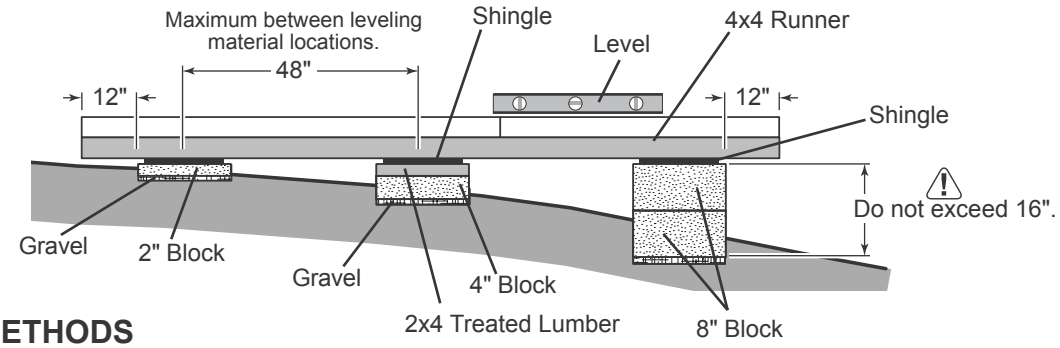
MATERIAL REQUIRED

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

☐ **Fasteners for Frame to 4"x 4".**
(3" Screws shown as one option.) Minimum (24) 3" screws / exterior grade.

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

⚠ **Always support frame seams.**



LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" 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! STOP!

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

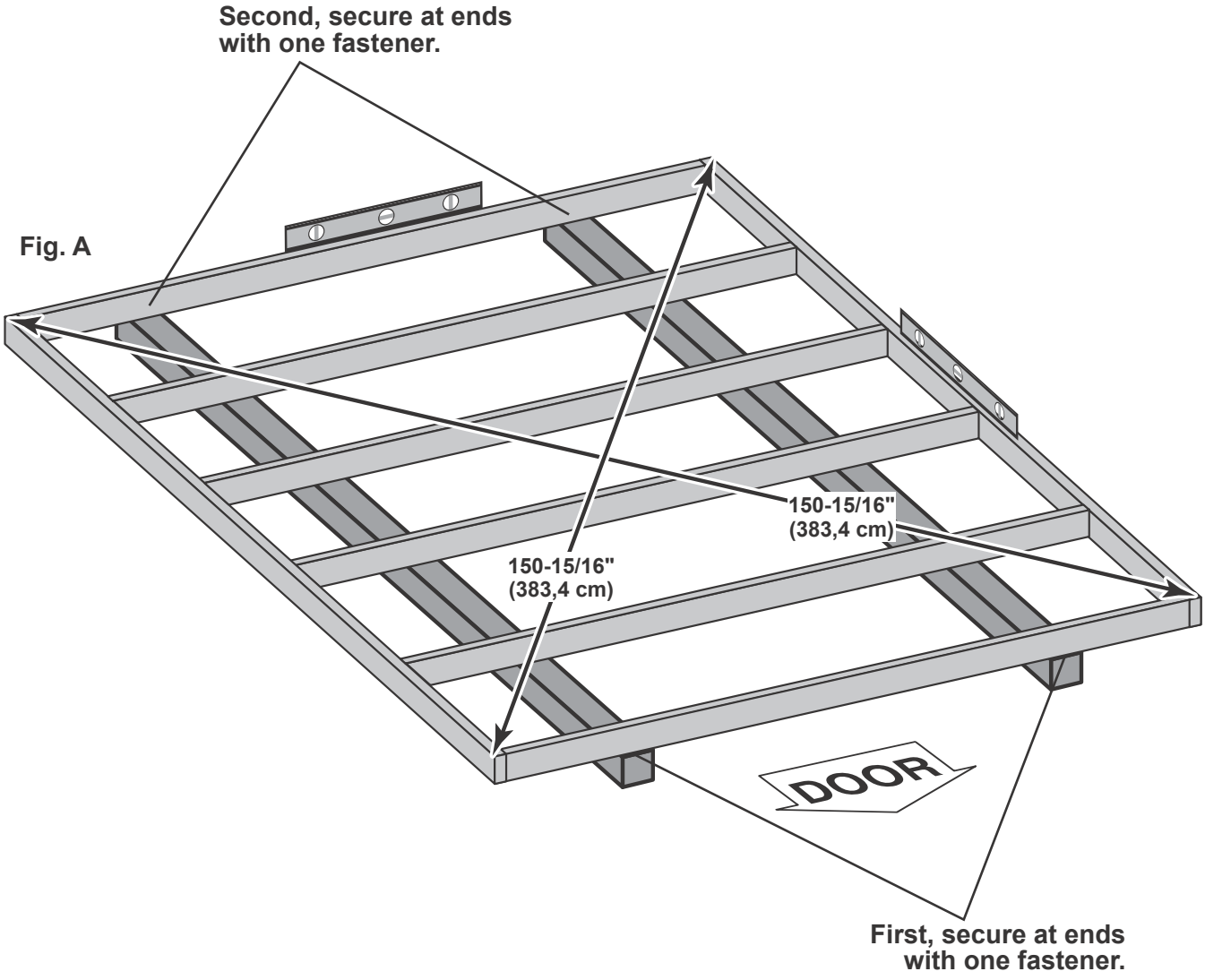
BEGIN

1. ⚠ See page 8 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 150-5/16" (383,4 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. At 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

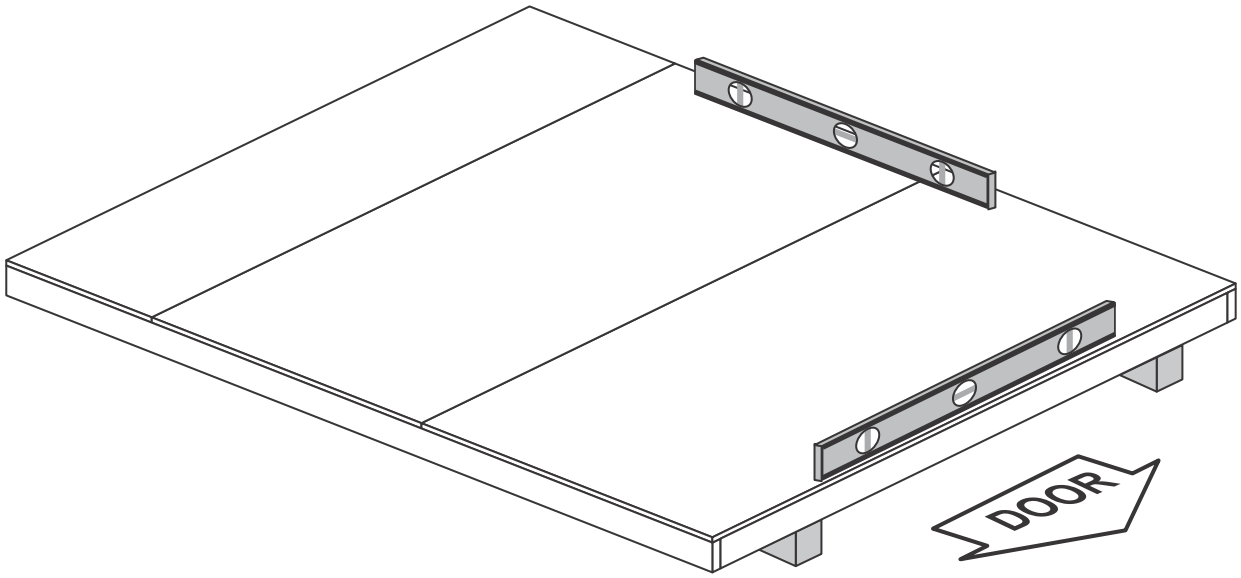
5. Once the floor frame is level and square fasten the frame at each point the frame contacts the 4x4 runners.

Fig. A



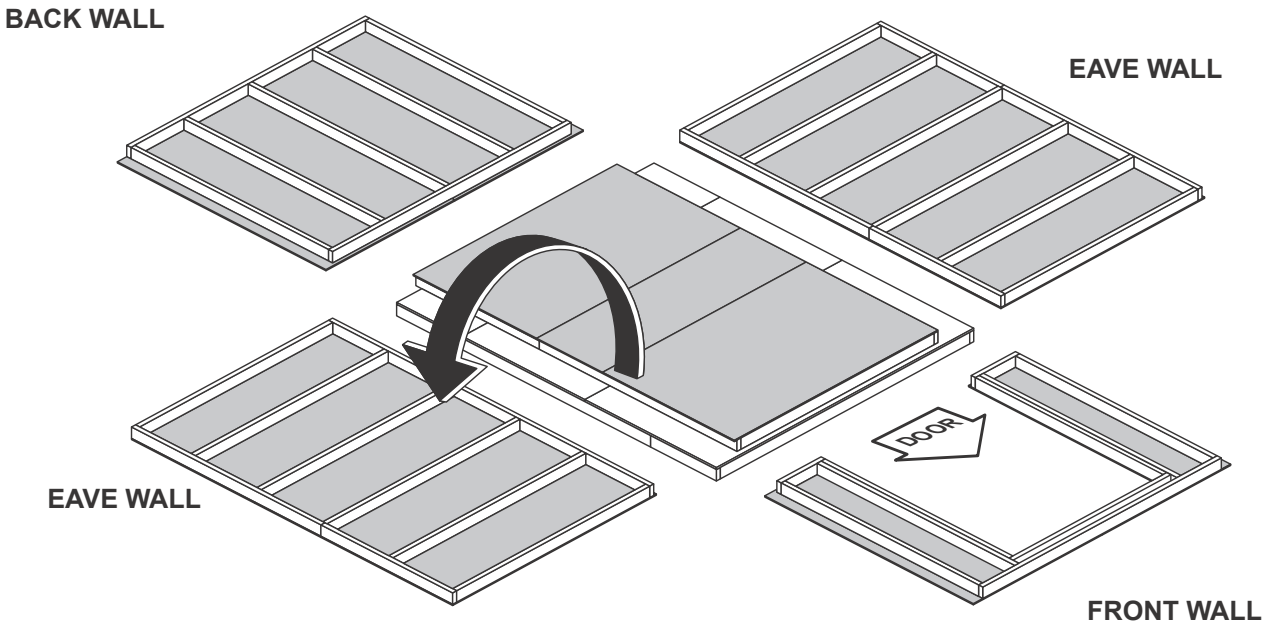
⚠ *IMPORTANT!*

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



HINT:

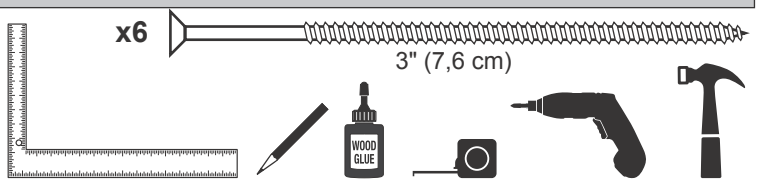
- **The floor should be used as a stable work surface for wall construction.**
- **Organize your assembly procedure during the build process to avoid over-handling of the walls.**



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. **PWA** will overhang the floor.
Secure using two 3" screws.

2 Measure over 48-1/8" and up 22-1/4" from the floor edges and secure the third **PWA** using two 3" screws.
Check this **PVA** is 22-1/4" at both ends for squareness.

Fig. A

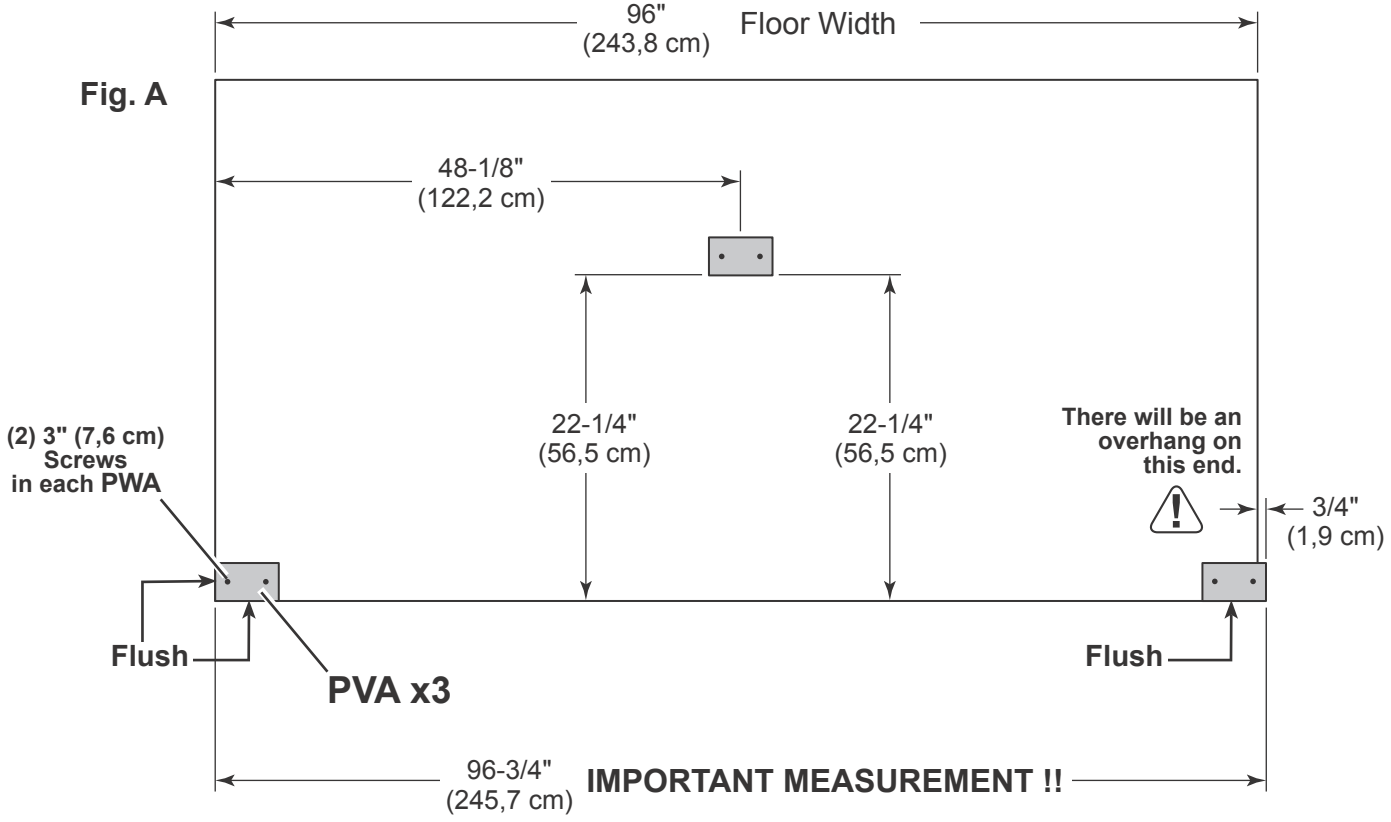
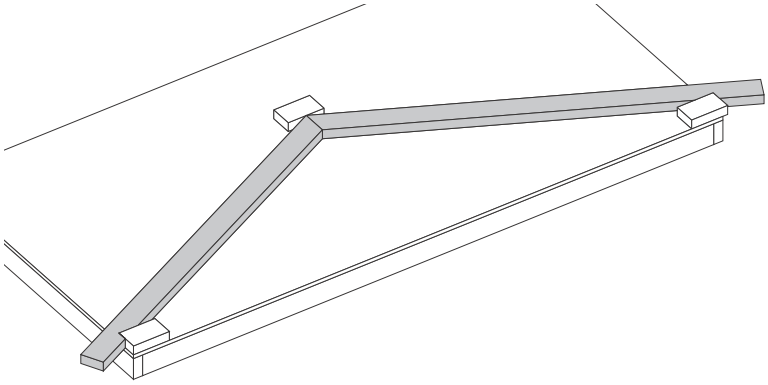


Fig. B



FINISH

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

RAFTER ASSEMBLY

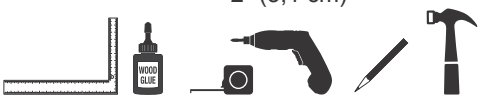
PARTS REQUIRED:

x9 OSB OR WOOD GRAIN
6 x 24" (15,2 x 61 cm)

x10 QJA
2 x 4 x 59-7/8" (5,1 x 10,2 x 152,1 cm)

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

x 108 2" (5,1 cm)



⚠ YOU WILL BUILD 5 RAFTERS - ONE OF WHICH WILL HAVE *ONLY 1* GUSSET ⚠

BEGIN

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

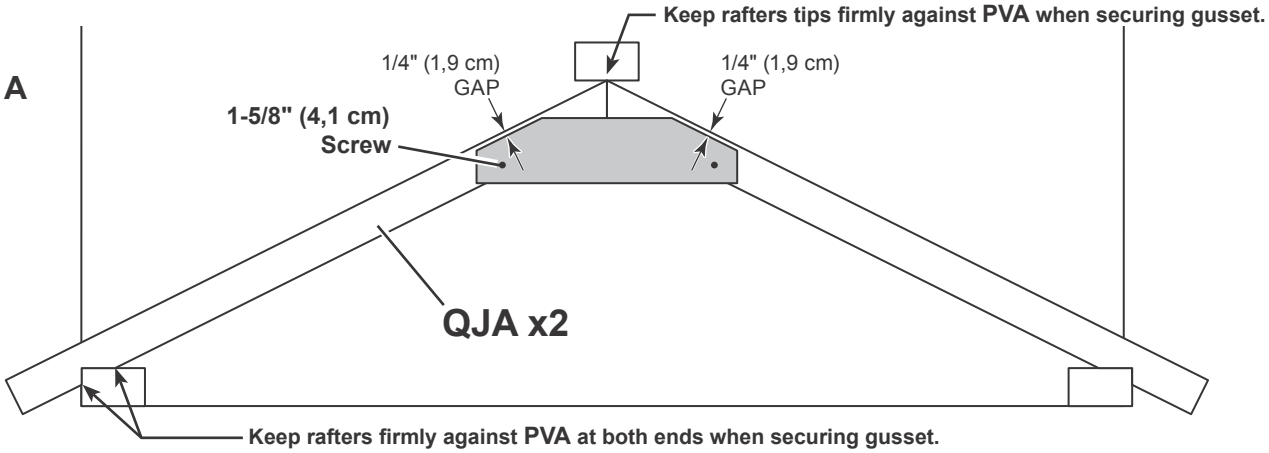
2 Keep **QJA** firm against outside **PVA**'s as shown **(Fig.A)** and push rafters tight to the middle **PVA**. Rafters should touch at tips **(Fig. A)**.

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

Place gusset onto **QJA** 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 step.

4 Repeat steps 1 - 3 to assemble three more rafters with two gussets.

5 Repeat steps 1 - 2 to assemble one rafter with ***only one*** gusset **(Fig. D)**.

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

Fig. B

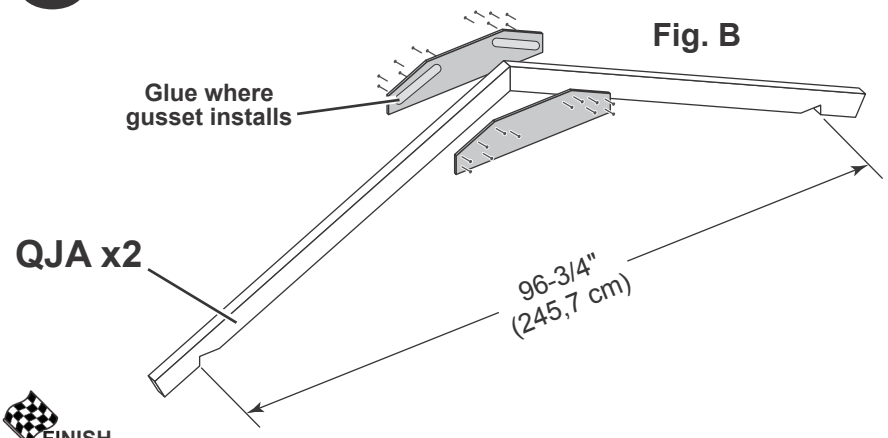


Fig. C

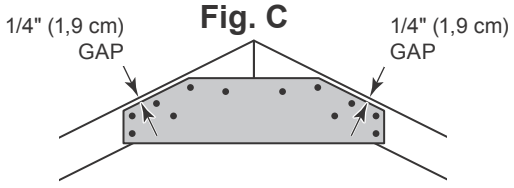
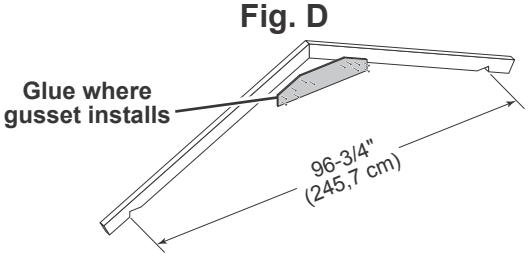


Fig. D



FINISH

7 You have finished assembling your rafters.

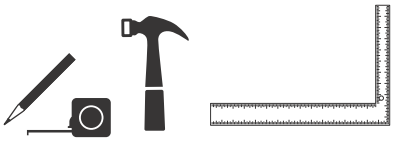
BACK WALL FRAME

PARTS REQUIRED:

x20 3" (7,6 cm)

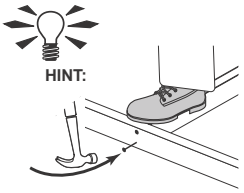
x5 **TM**
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

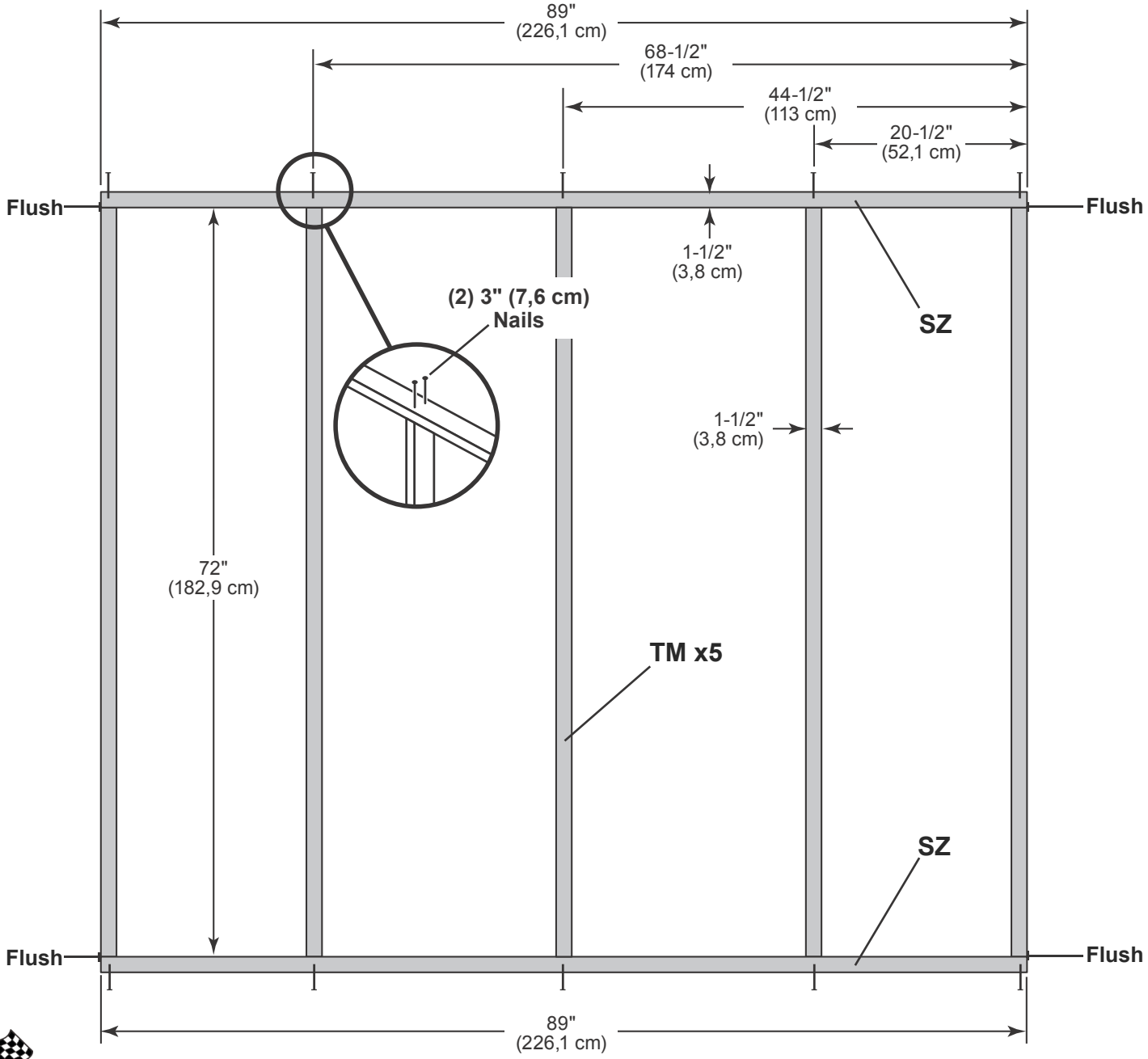
x2 **SZ**
2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)



BEGIN

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





FINISH

3. You have finished building your back wall frame.

BACK WALL PANELS

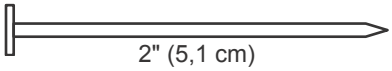
PARTS REQUIRED:

x1

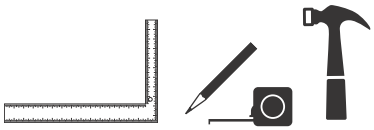
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)

3/4"
GAUGE BLOCK

x41



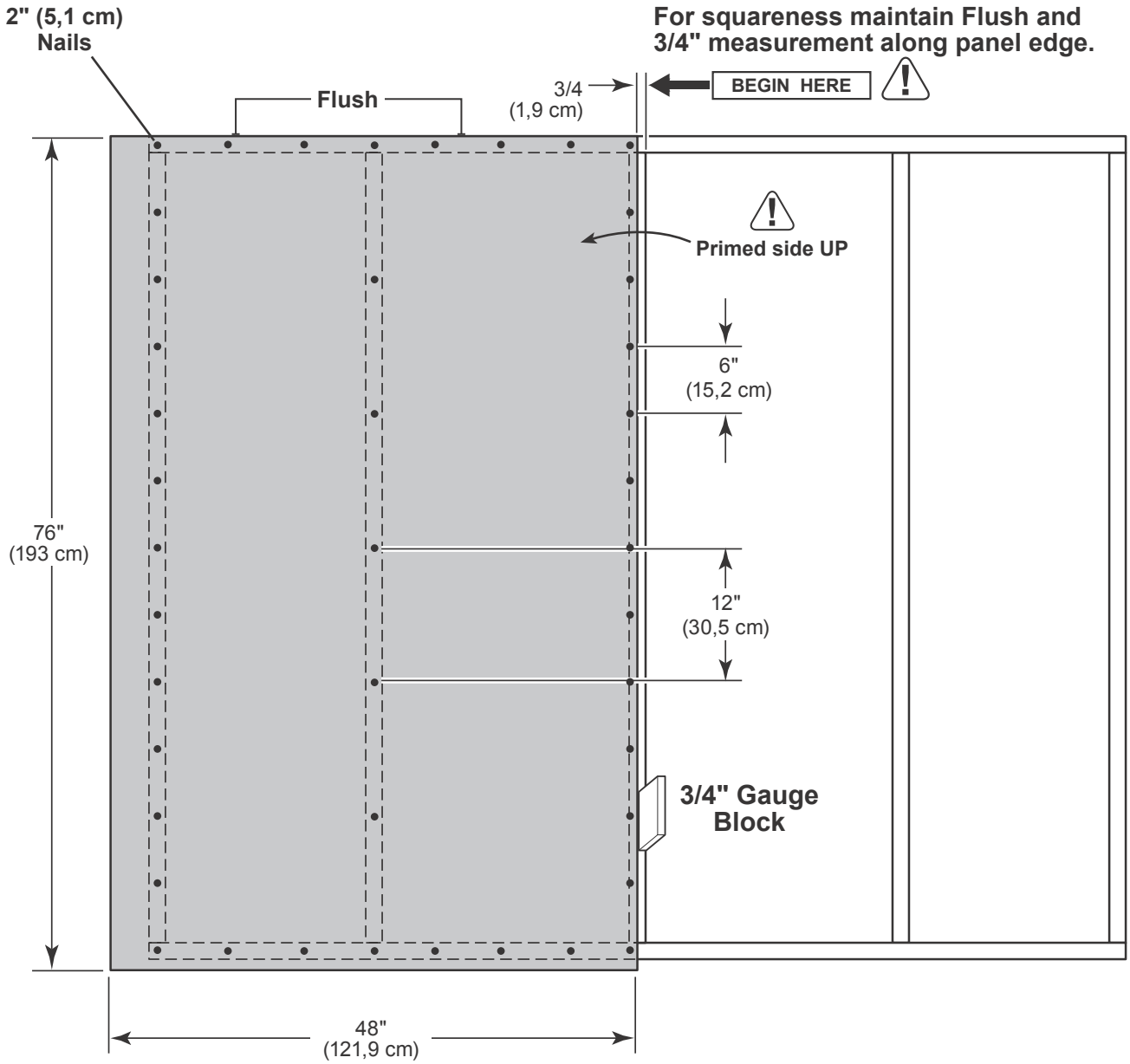
2" (5,1 cm)



BEGIN

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

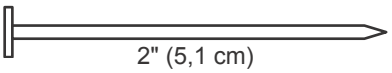
2 Nail the panel using 2" nails 6" apart on edges and 12" apart inside panel.



BACK WALL PANELS

PARTS REQUIRED:

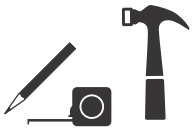
x41



2" (5,1 cm)

x1

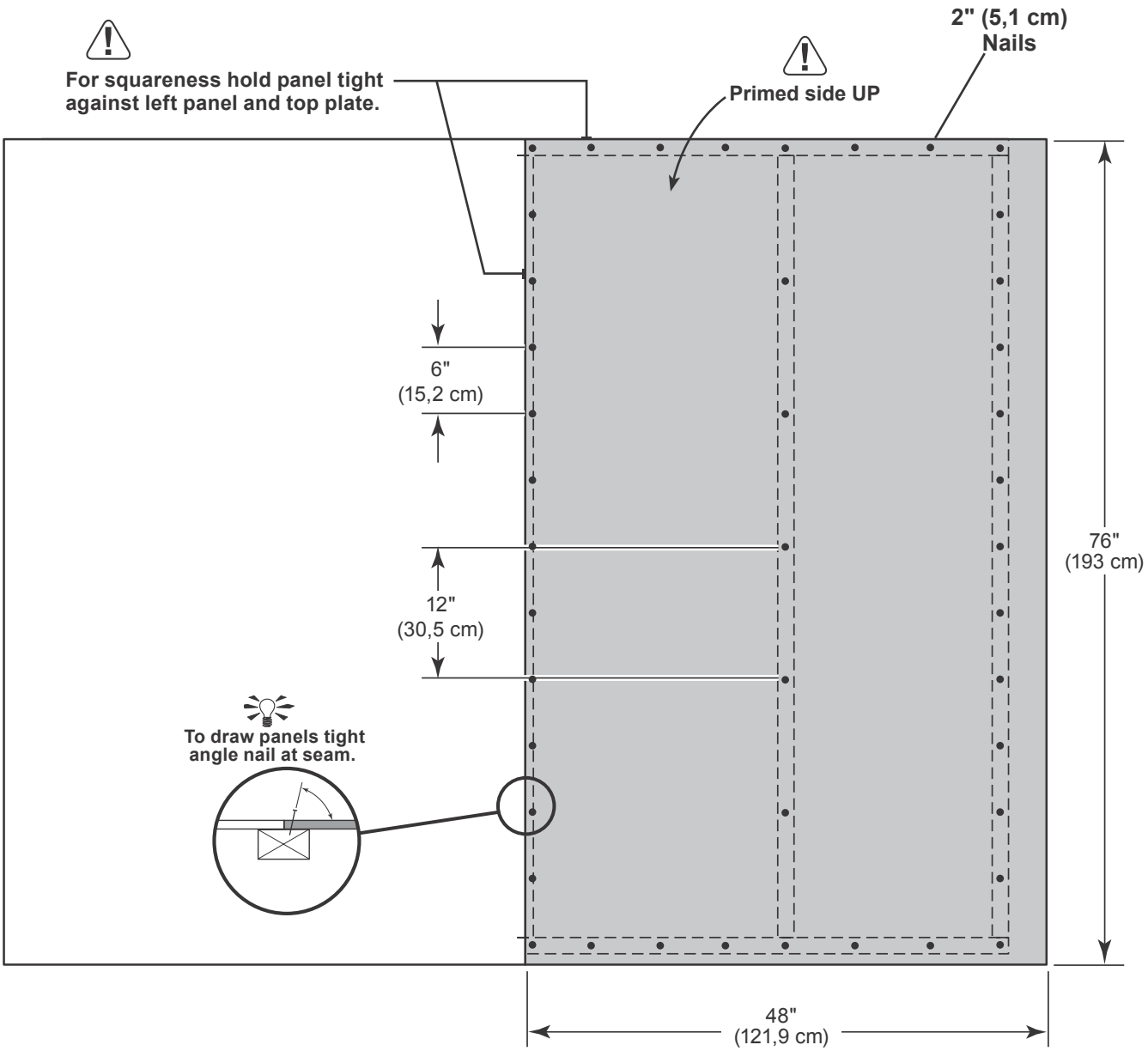
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)



3 Place **48" x 76"** panel on frame as shown with primed side facing up flush with installed panel. Nail using 2" nails 6" apart on edges and 12" apart inside panel.

FINISH

4 You have finished installing your back wall panels.

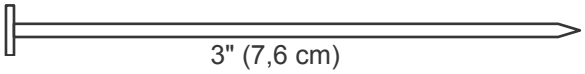


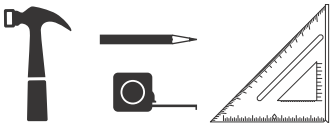
EAVE SIDE WALL FRAMING

PARTS REQUIRED:

x4 SP
2 x 4 x 48" (5,1 x 10,2 x 122 cm)

x16 TM
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

x56

3" (7,6 cm)



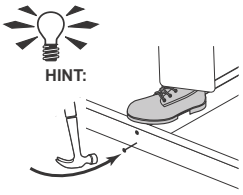
IMPORTANT! YOU WILL BUILD TWO IDENTICAL EAVE SIDE WALLS.

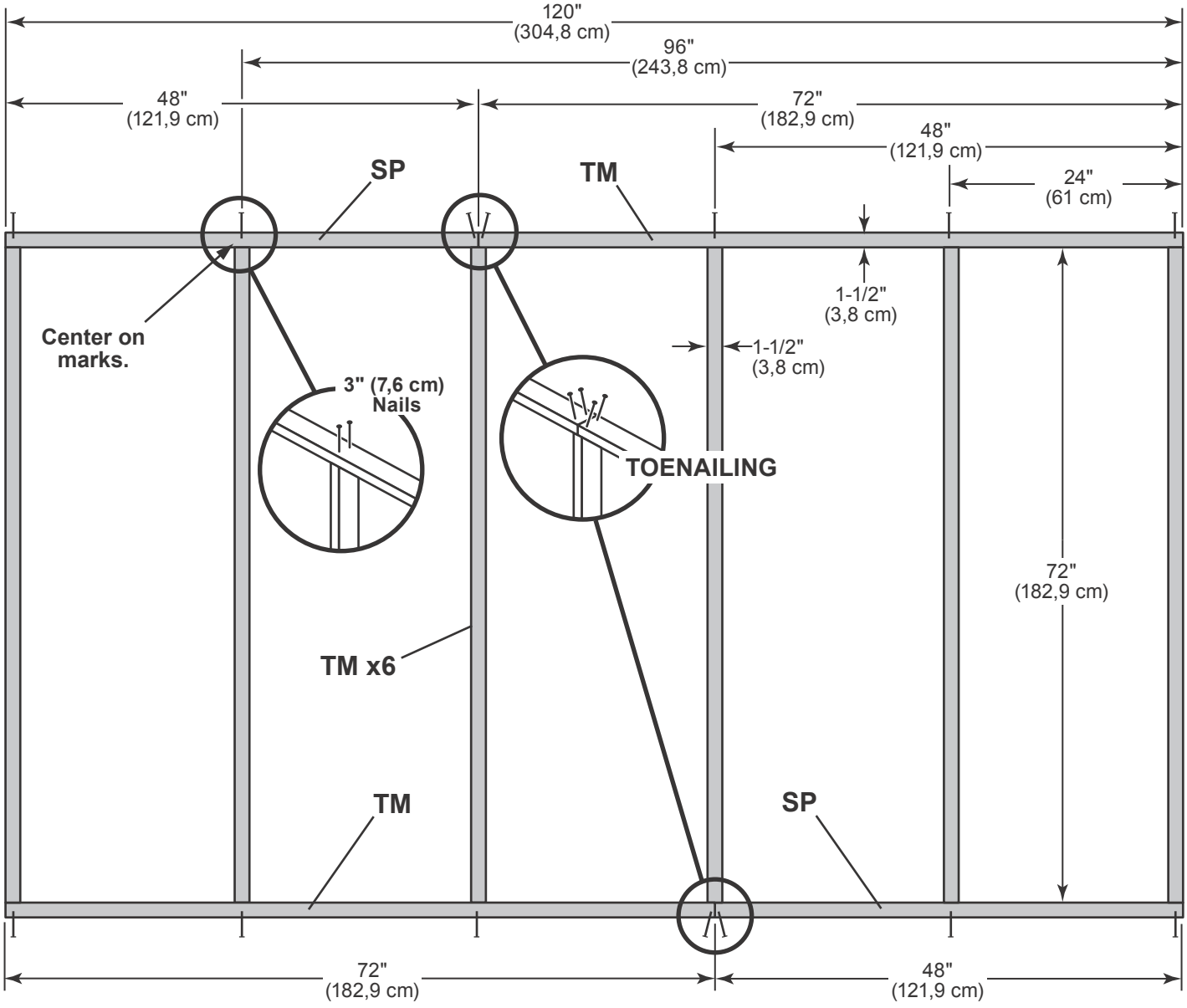
BEGIN

1. Orient parts on edge on floor. Measure and mark.
2. Use two 3" nails at each mark.
3. Repeat STEPS 1 - 2 to build the second eave wall frame.

FINISH

4. You have finished building your eave wall frames.





EAVE SIDE WALL PANELS

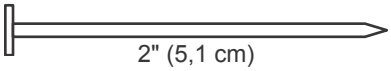
PARTS REQUIRED:

x1

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

3/4" GAUGE BLOCK

x45



2" (5,1 cm)

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

BEGIN

1 Place a **48 x 76"** panel onto wall frame with primed side up as shown. Use the **GAA** gauge block to mark the 3/4" side measurement on the wall stud. Keep panel flush along top of frame. Secure panel with two 2" nails in the corners **(Fig. A)**.

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

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

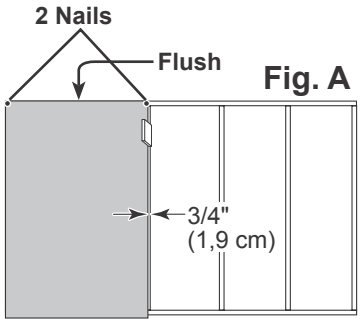


Fig. A

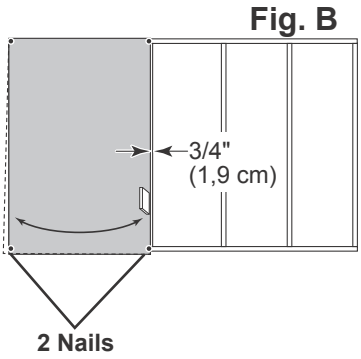
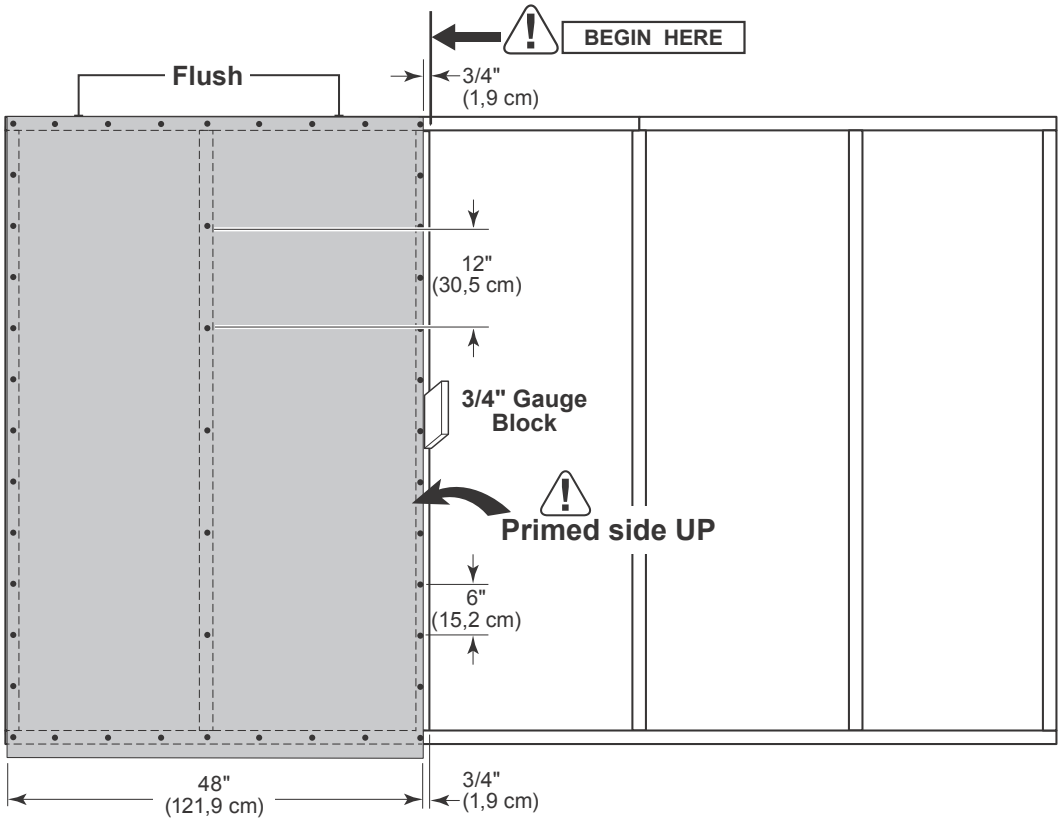


Fig. B

For squareness maintain Flush and 3/4" measurement along panel edge.



EAVE SIDE WALL PANELS

PARTS REQUIRED:

x77 — 2" (5,1 cm)

x1 — 3/8 x 23-7/8 x 76" (1 x 60,6 x 193 cm)

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

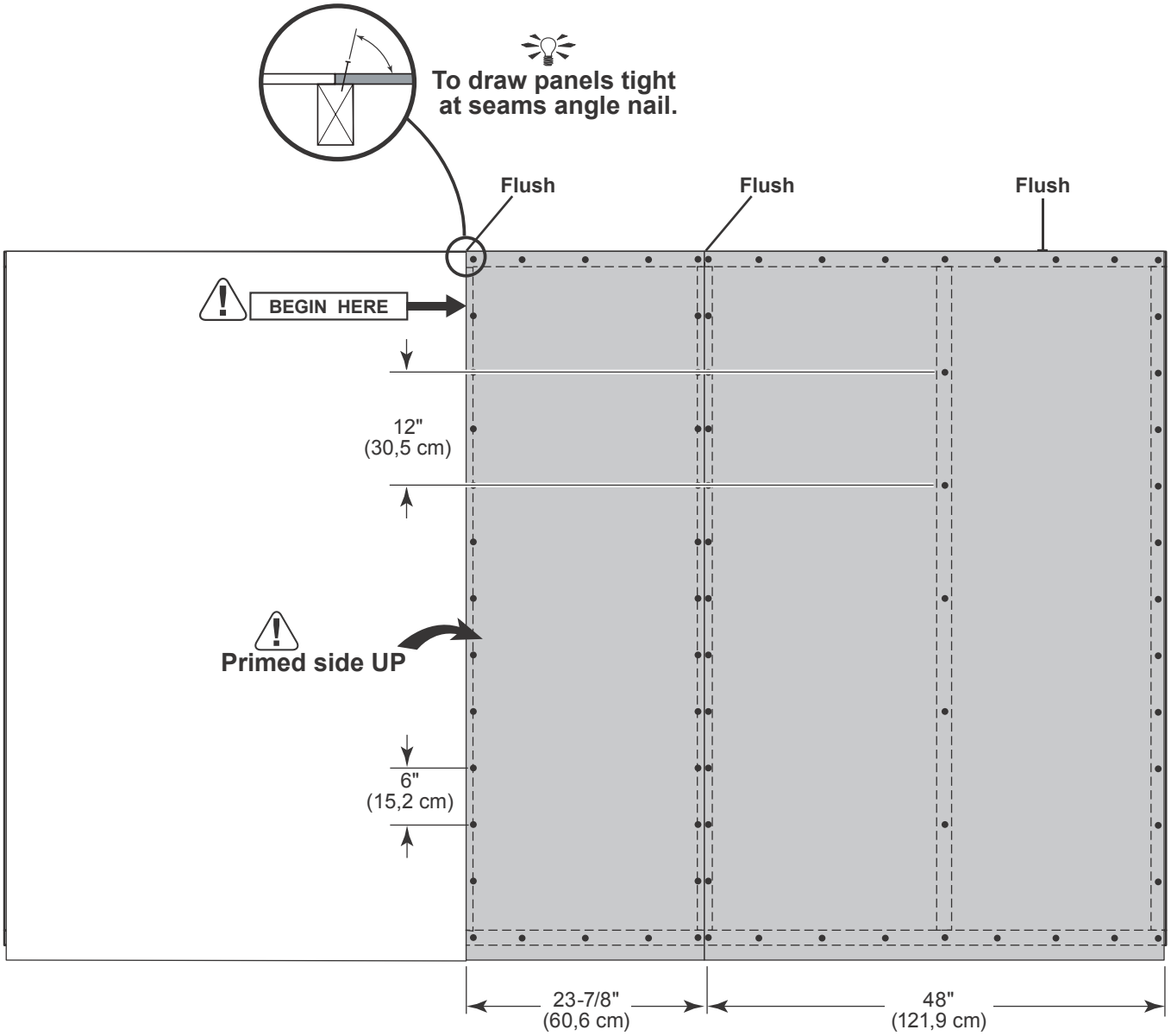
4 Place **23-7/8" x 76"** panel on frame as shown with primed side facing up flush with first panel. Nail using 2" nails 6" apart on edges and 12" apart inside panel.

5 Place **48" x 76"** panel on frame as shown with primed side facing up flush with **23-7/8"** panel. Nail using 2" nails 6" apart on edges and 12" apart inside panel.

6 Repeat STEPS 1 - 5 to install second eave side wall panels.

FINISH

7 You have finished building your eave walls.



FRONT WALL FRAME

PARTS REQUIRED:

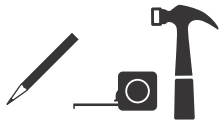
x20 — 3" (7,6 cm)

x1 **KMA**
2 x 4 x 59" (5,1 x 10,2 x 149,9 cm)

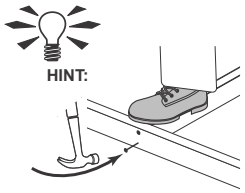
x4 **TM**
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

x2 **RD**
2 x 4 x 16-1/2" (2,5 x 10,2 x 41,9 cm)

x1 **SZ**
2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)

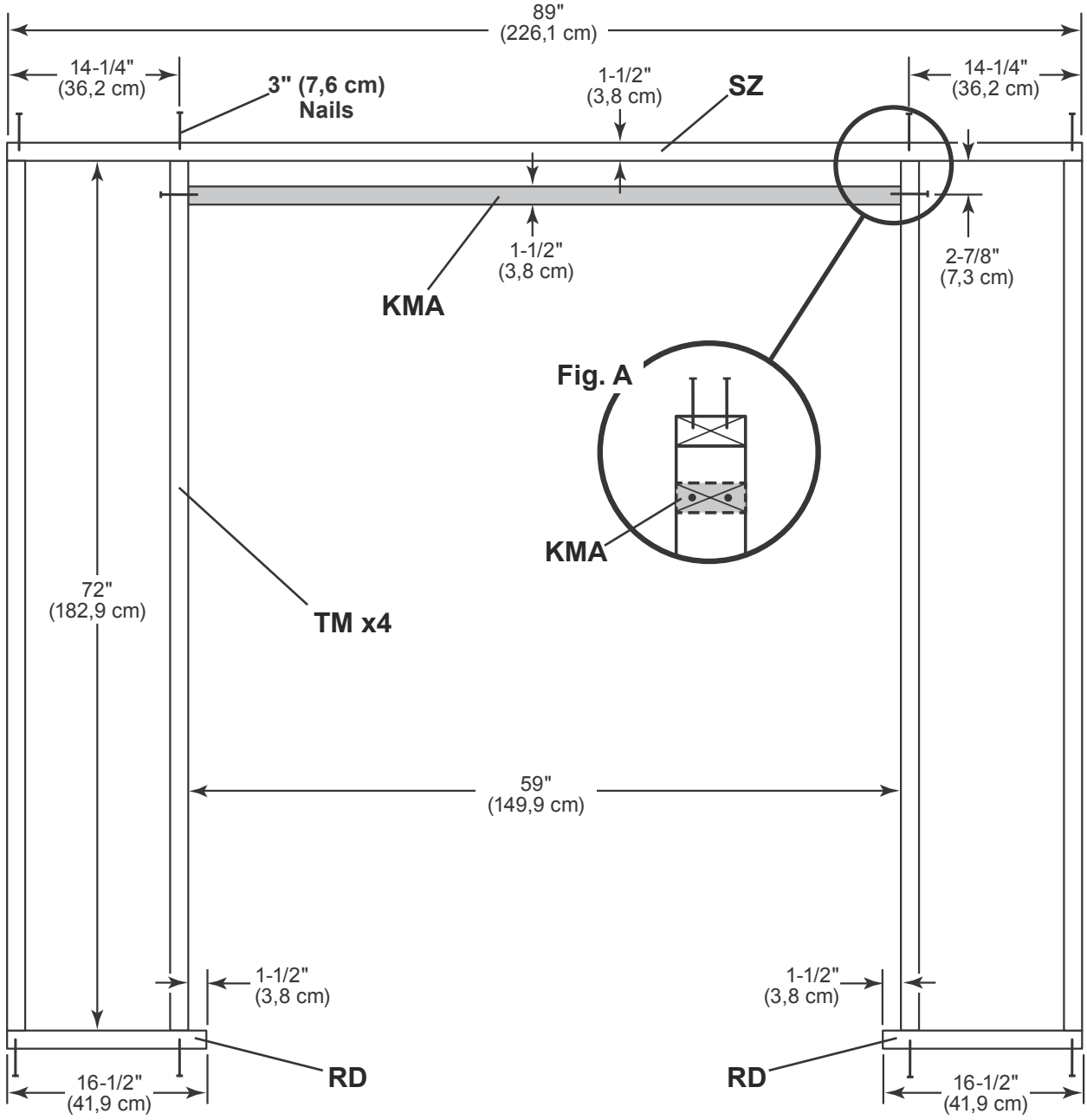


✓ **BEGIN**



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

2 Attach **KMA** on edge **(Fig. A)** between studs using two 3" nails into each end.

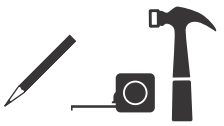


FRONT WALL FRAME

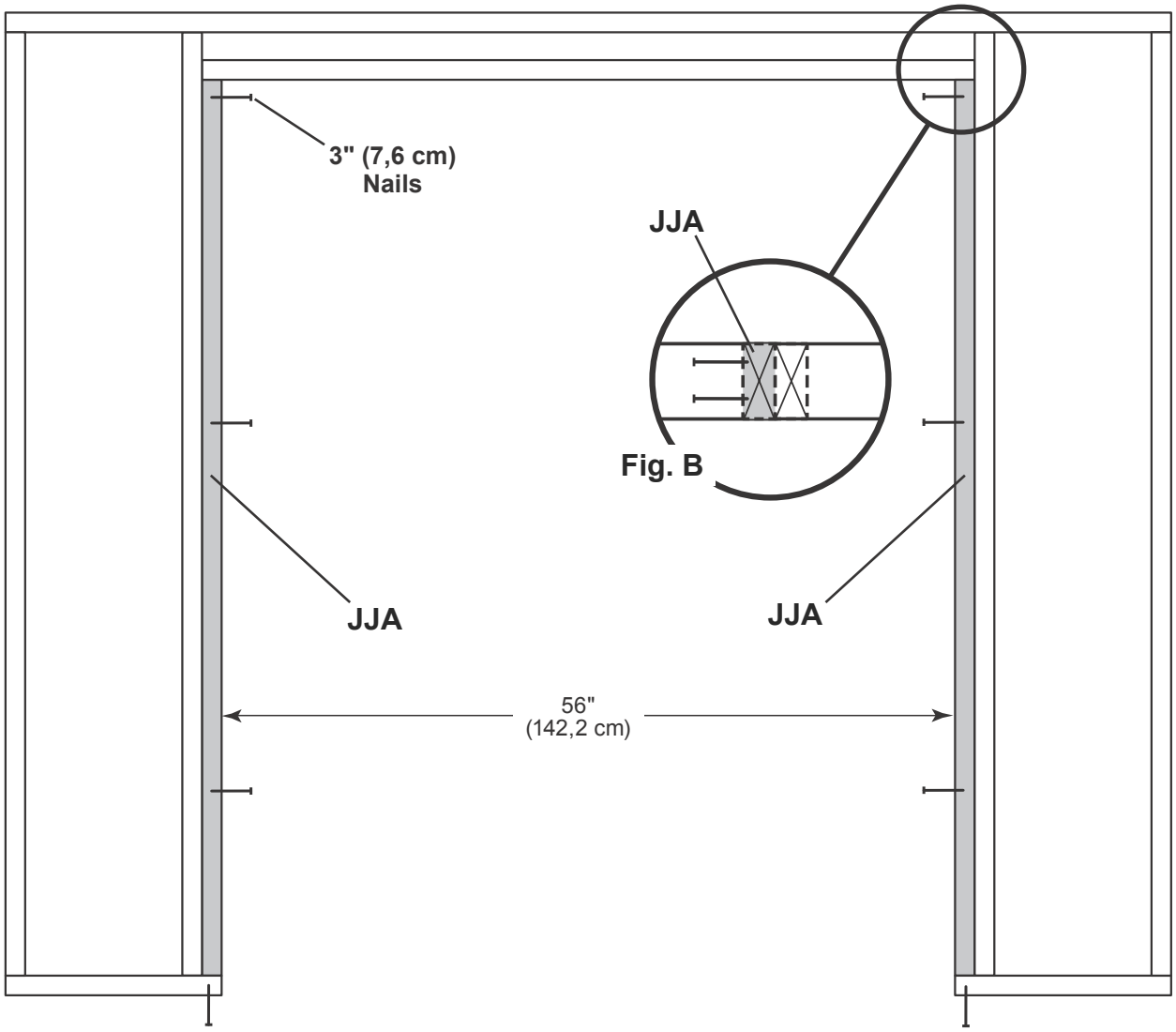
PARTS REQUIRED:

x2 **JJA**
2 x 4 x 68-3/8" (5,1 x 10,2 x 173,7 cm)

x16
3" (7,6 cm)



3 Attach **JJA** on edge using two 3" nails into each end and into installed studs **(Fig. B)**.



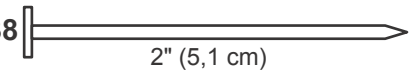
FINISH

4 You have finished your front wall frame.

FRONT WALL PANELS

PARTS REQUIRED:

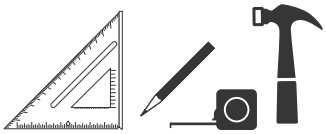
x38



2" (5,1 cm)

x1

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

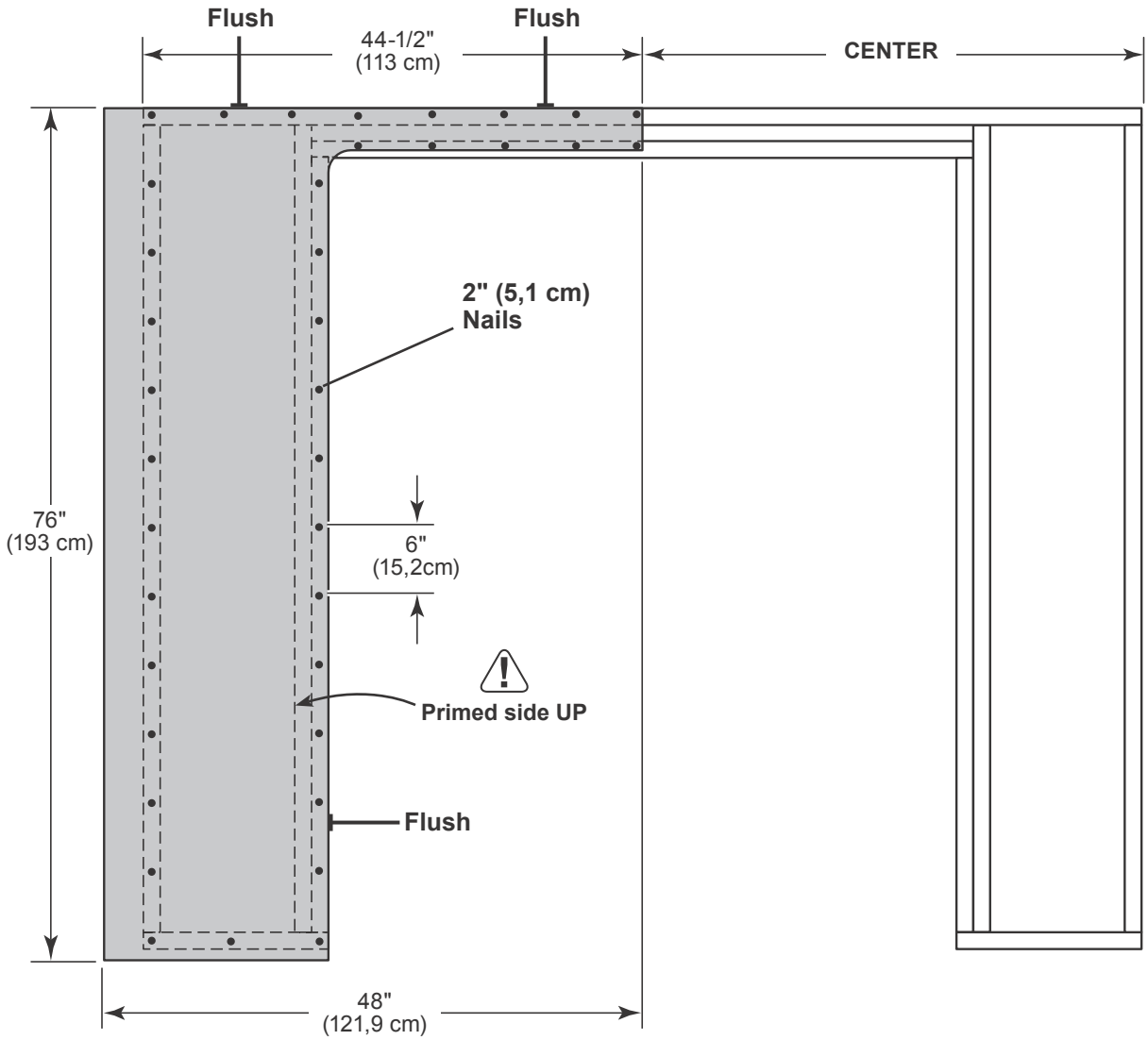


✓BEGIN

1. Measure and mark center of top plate (44-1/2" / 113 cm).

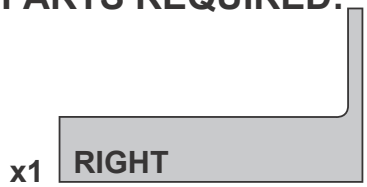
2. Center LEFT panel flush to top of frame with primed side facing up. Use **QHA** to support the panel while nailing.

3. Ensure panel is flush along edge of stud. Nail using 2" nails spaced 6" apart.

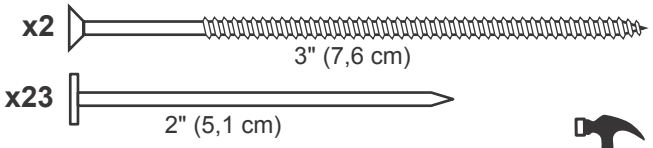


FRONT WALL PANELS

PARTS REQUIRED:



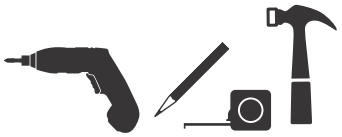
x1 **RIGHT**
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)



x2
3" (7,6 cm)

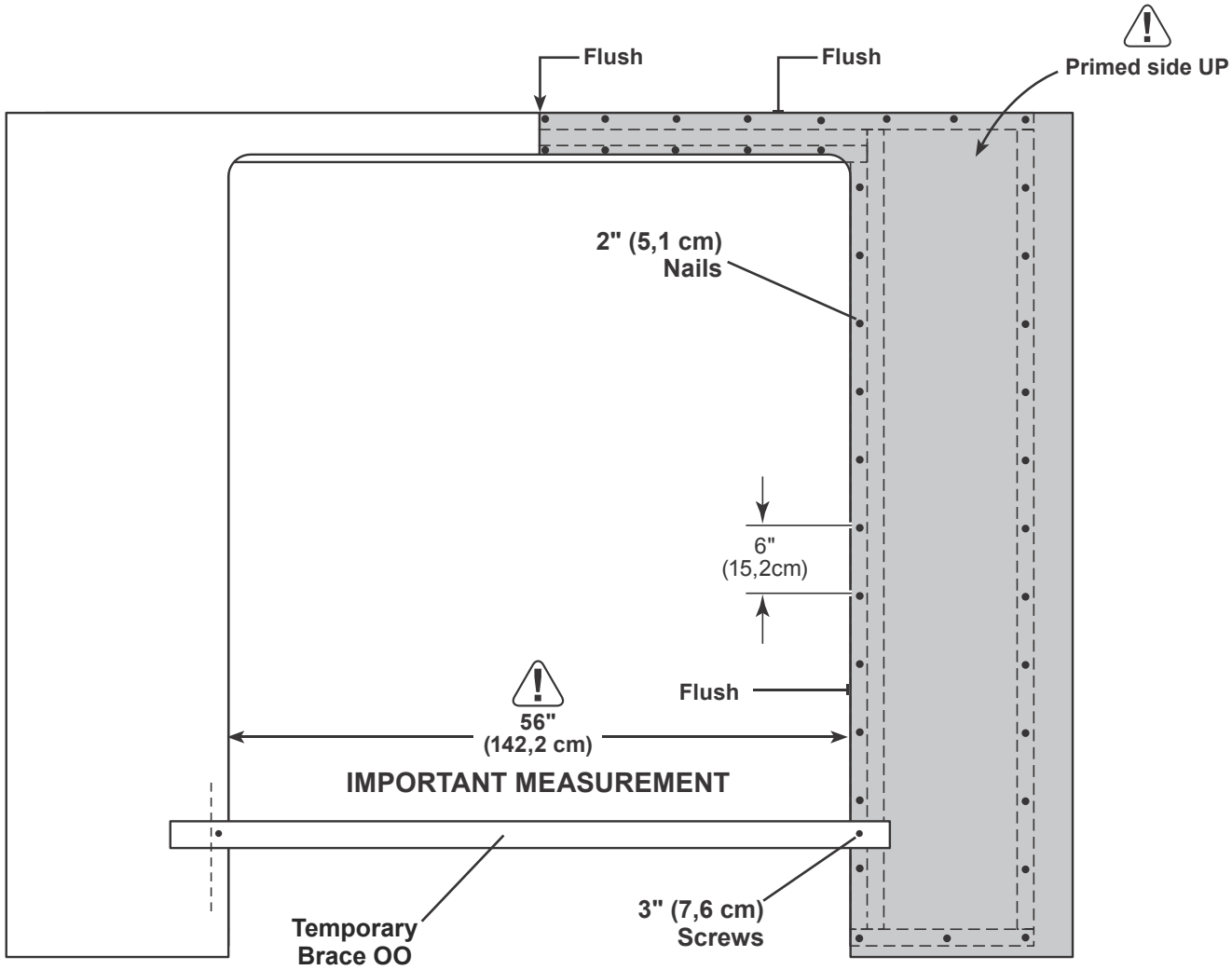
x23
2" (5,1 cm)

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



4 Place RIGHT panel on frame with primed side facing up, flush to left panel and flush along top. Use **QHA** to support the panel while nailing. Ensure panel is flush along edge of stud. Nail panel using 2" nails spaced 6" apart.

5 Attach **OO** as a temporary brace as shown using (2) 3" screws to hold the important 56" door opening.



FINISH

6 You have finished installing your front wall panels.

RIGHT EAVE WALL INSTALLATION

PARTS REQUIRED

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

x2 3" (7,6 cm)

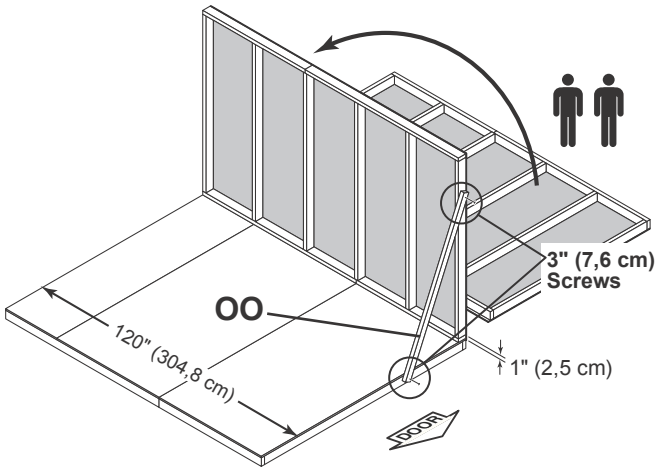
x10 3" (7,6 cm)

x20 2" (5,1 cm)

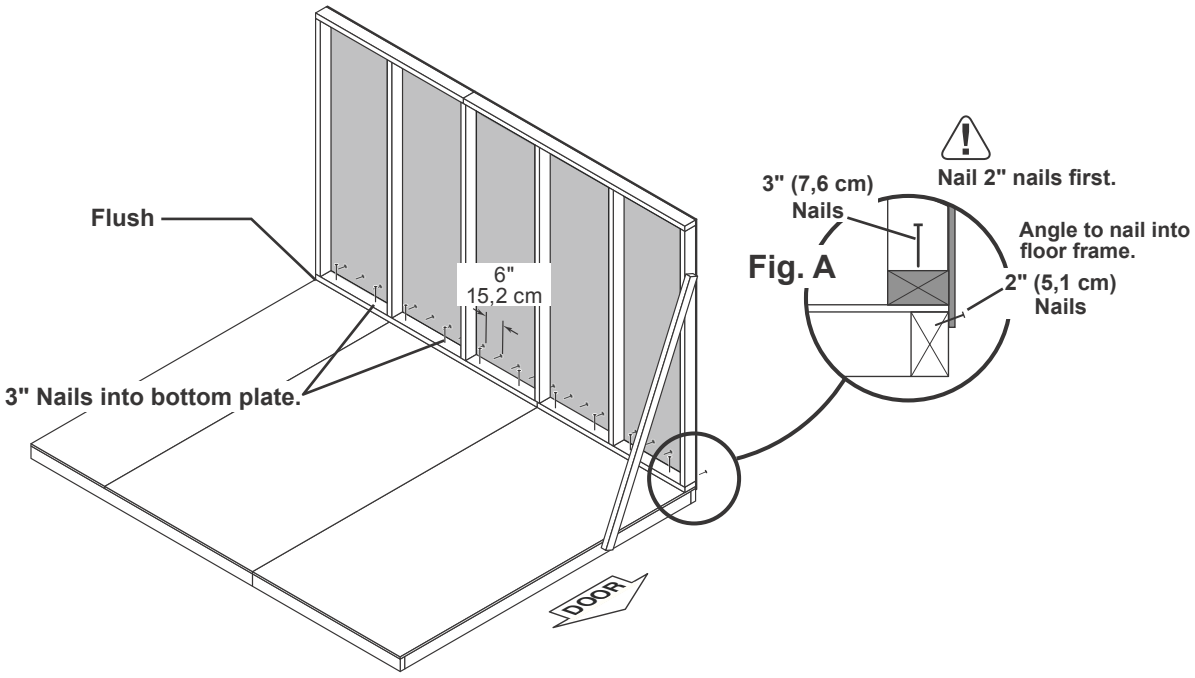
BEGIN

Stand right eave wall on floor.

1 Center right eave wall assembly on the 120" (304,8 cm) floor dimension. Use **OO** as a temporary brace. Secure with two 3" screws.



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

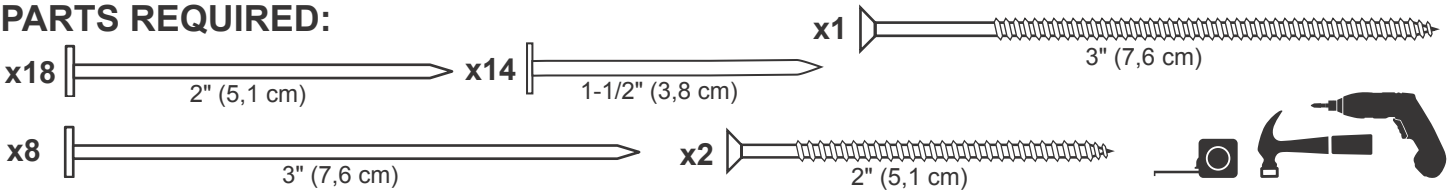


FINISH

3 You have finished standing your right side wall.

GABLE END WALL INSTALLATION

PARTS REQUIRED:



BEGIN

Stand wall on floor.

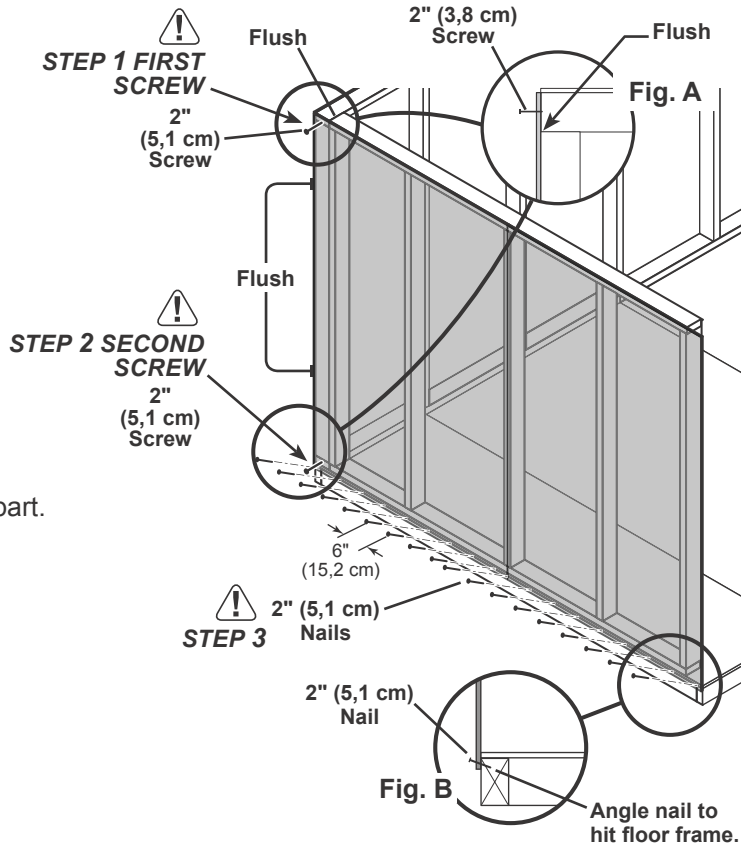
⚠ It is important to secure the gable end wall in the following order:

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

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

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

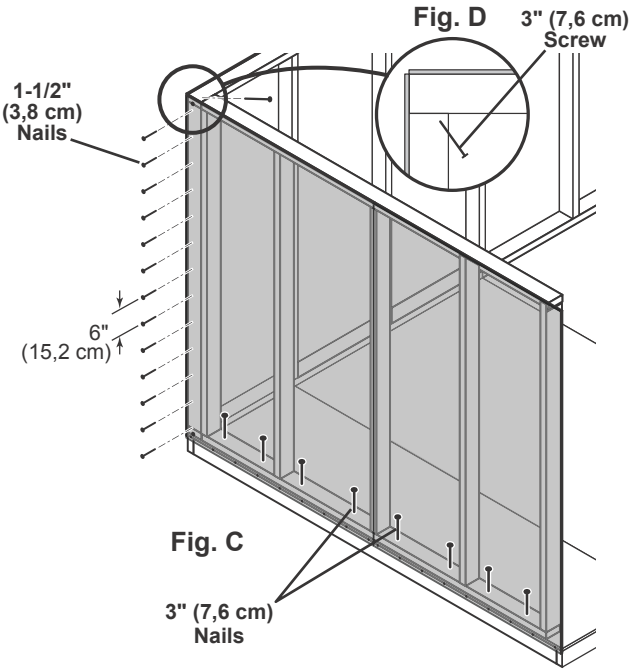
⚠ **ENSURE GABLE AND EAVE WALL PANELS ARE FLUSH BEFORE SECURING.**



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

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

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)**.

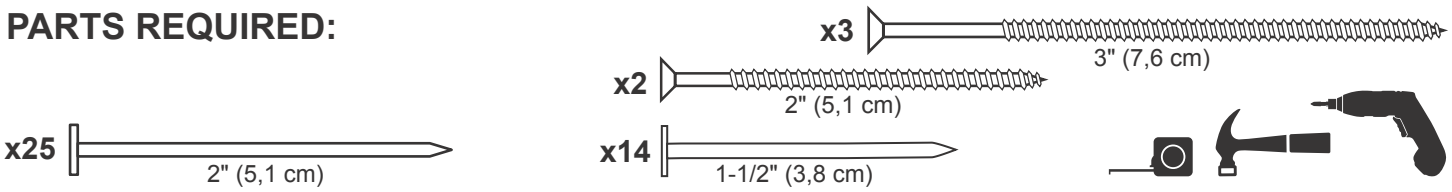


FINISH

4 You have finished standing your gable end wall.

LEFT EAVE WALL INSTALLATION

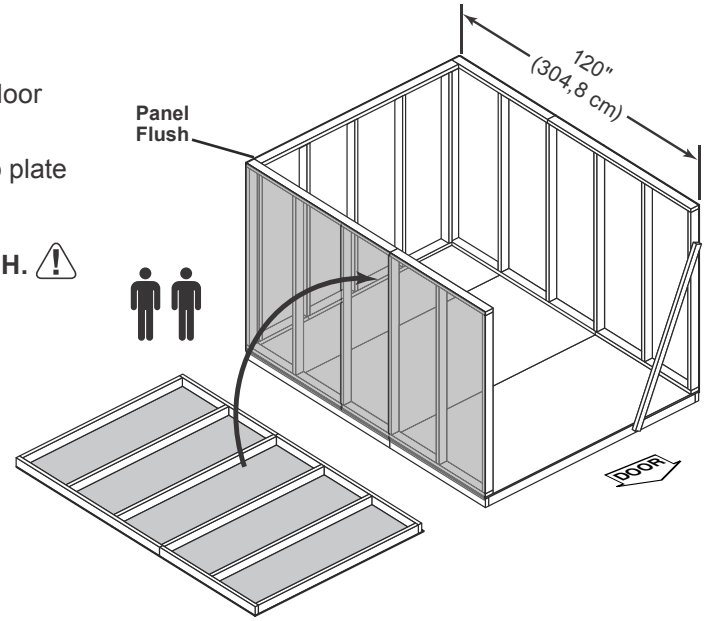
PARTS REQUIRED:



✓**BEGIN**
Stand eave wall on floor.

1 Center left eave wall on the 120" (304,8 cm) floor dimension.
Secure top of wall using one 2" screw into top plate **(Fig A)**.

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

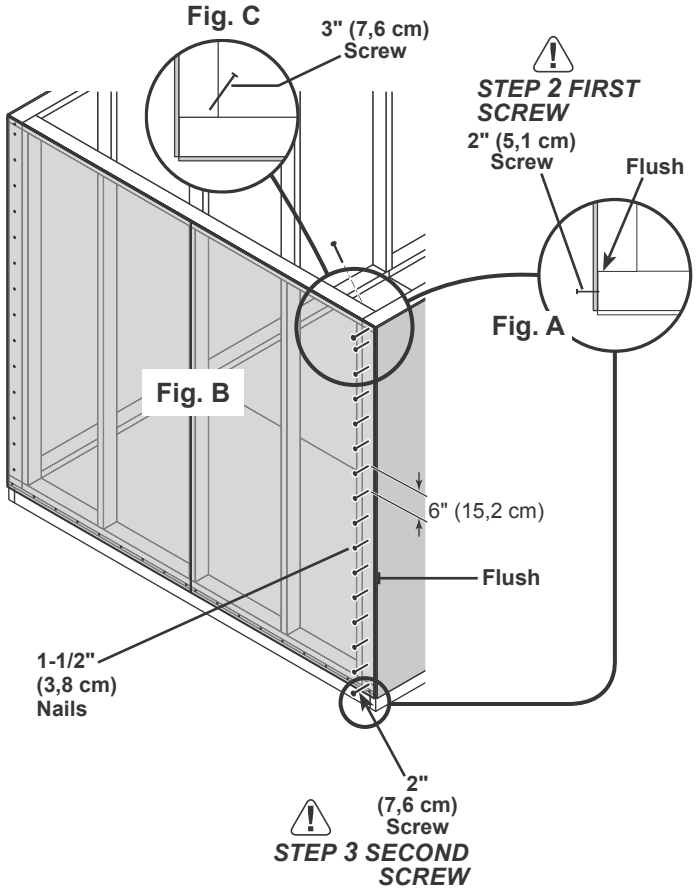


2 Move to the bottom of gable end wall and secure bottom of wall using one 2" screw into eave wall bottom plate **(Fig A)**.

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

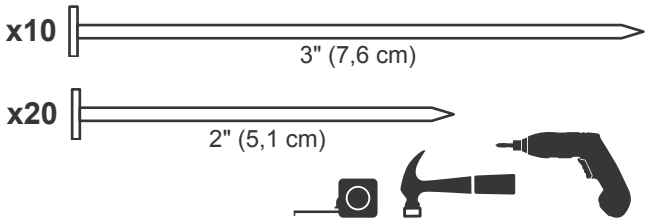
⚠ **ENSURE GABLE AND EAVE WALL PANELS ARE FLUSH BEFORE SECURING.**

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



LEFT EAVE WALL INSTALLATION

PARTS REQUIRED:



5 Nail lower edge of panels to floor frame using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. D)**. Secure eave wall bottom plates to floor using 3" nails **(Fig. D)**.

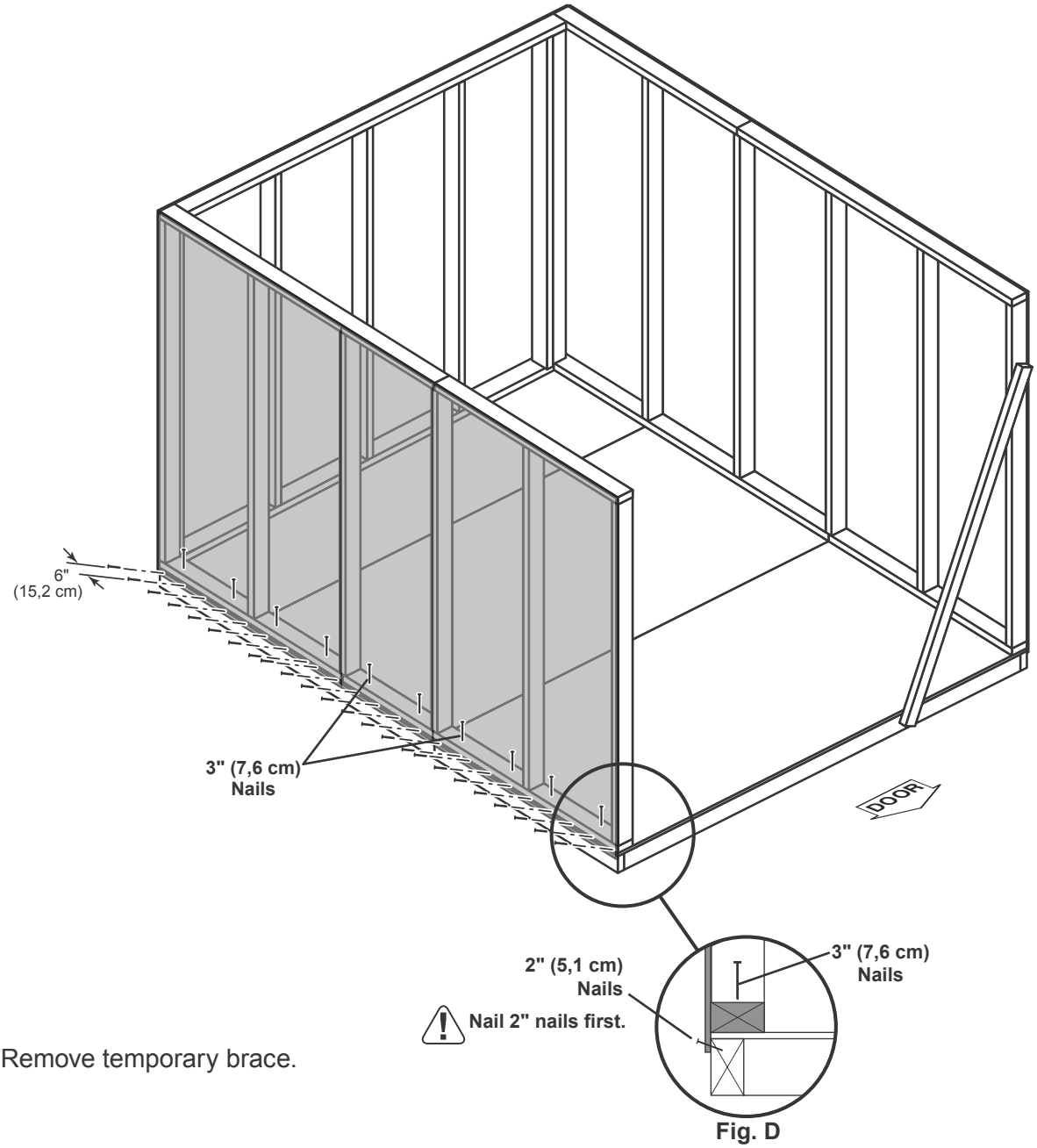


Fig. D

6 Remove temporary brace.

FINISH

7 You have finished standing your left eave wall.

FRONT GABLE WALL INSTALLATION

PARTS REQUIRED:

x8 — 2" (5,1 cm)

x4 — 3" (7,6 cm)

x2 — 3" (7,6 cm)

x4 — 2" (5,1 cm)

x28 — 1-1/2" (3,8 cm)

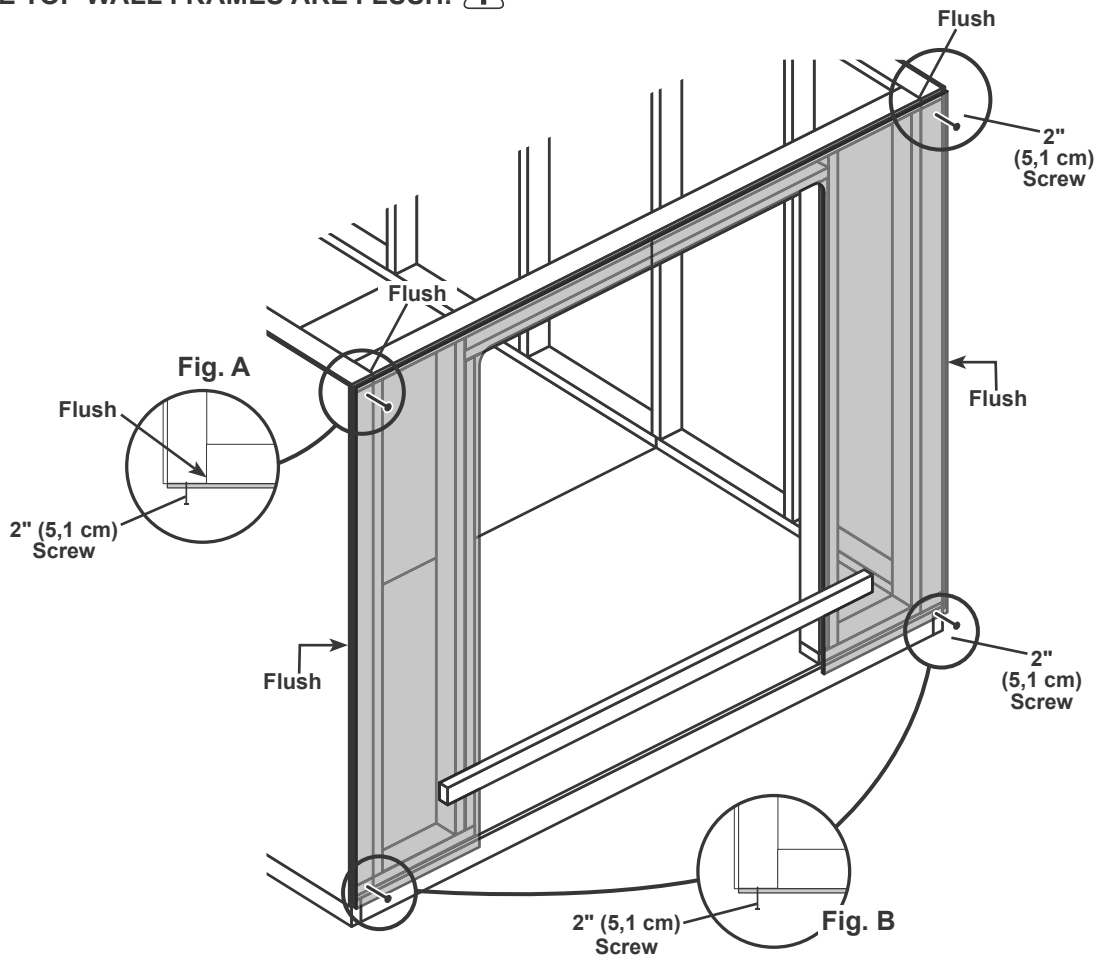
✓ **BEGIN**

Stand front gable wall on floor.

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

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

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



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

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

FRONT GABLE WALL INSTALLATION

PARTS REQUIRED:

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

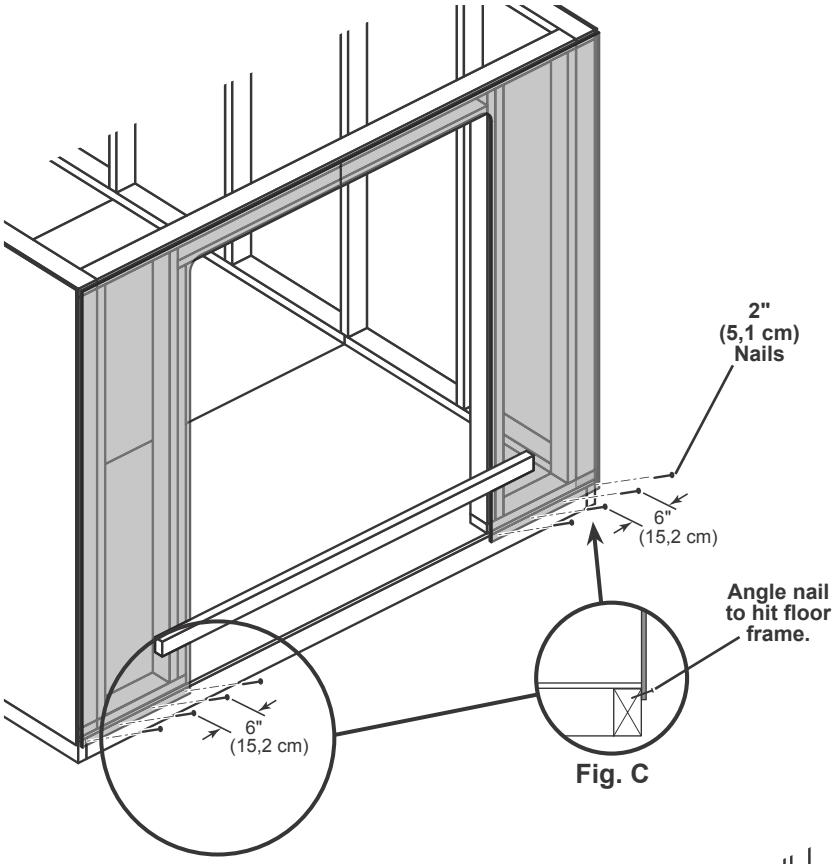


Fig. C

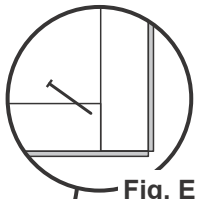


Fig. E

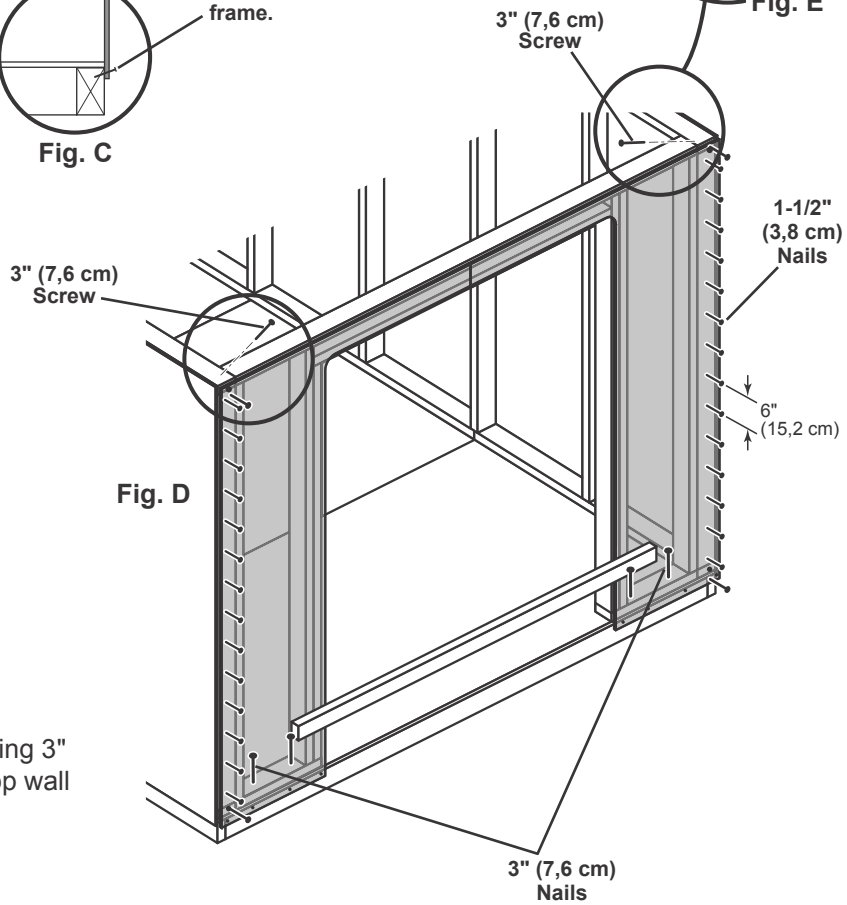


Fig. D

4 Nail gable wall panels to eave wall studs using 1-1/2" nails 6" apart **(Fig. D)**.
Secure gable wall to floor using 3" nails.

5 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. E)**.

FINISH

6 You have finished standing your front gable wall. Remove temporary brace.

BACK WALL GABLE PANELS

PARTS REQUIRED:

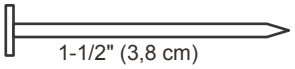
x1
3/8 x 24-3/8 x 48"
(1,0 x 61,9 x 121,9 cm)

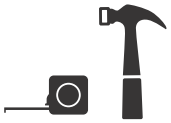
x1
3/8 x 24-3/8 x 48"
(1,0 x 61,9 x 121,9 cm)

x1 YG
2 x 4 x 17-1/2" (2,5 x 10,2 x 44,5 cm)

x2 SP Temporary Support
2 x 4 x 48" (5,1 x 10,2 x 122 cm)

x8

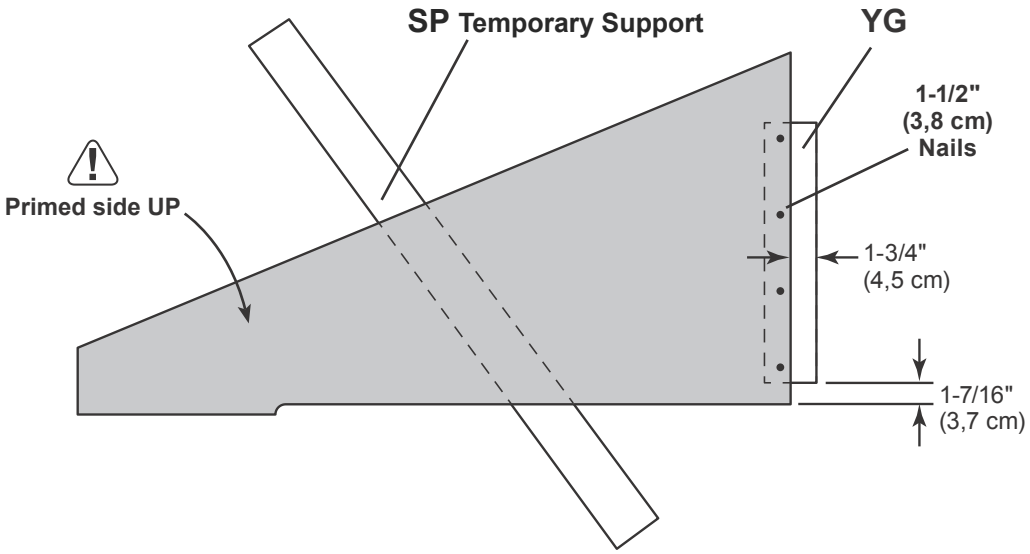




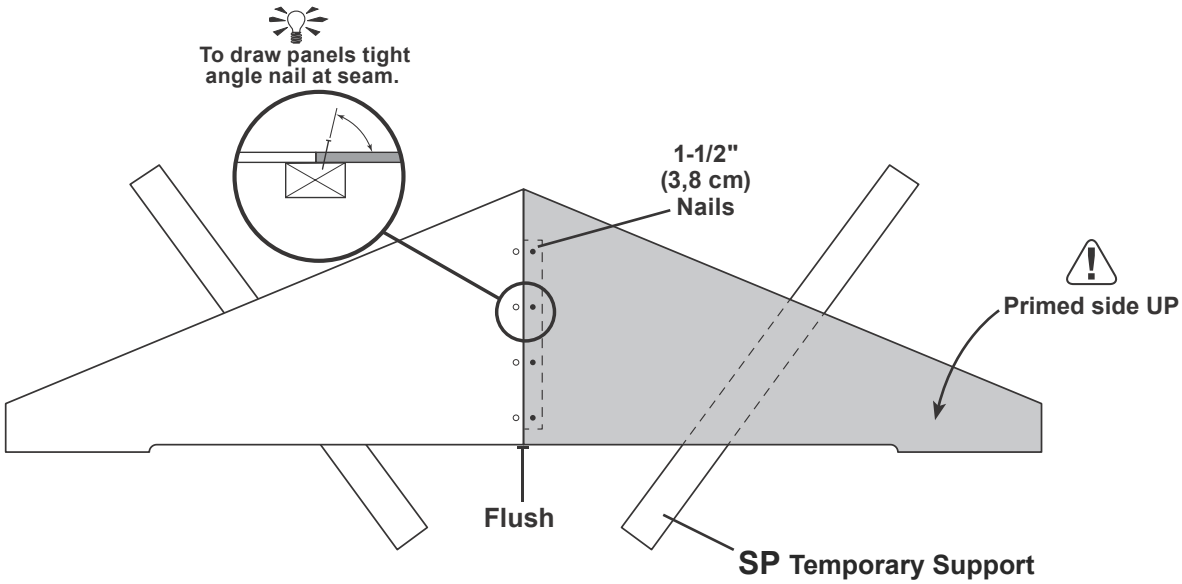
BEGIN

1 Orient parts on flat as shown.

2 Place LEFT back gable panel as shown. Use temporary support **SP** on flat side to support panel. Secure panel using four 1-1/2" nails.



3 Place RIGHT back gable panel as shown. Use temporary support **SP** on flat side to support panel. Secure panel using four 1-1/2" nails.



FINISH

4 You have finished your back gable assembly.

FRONT WALL GABLE PANELS

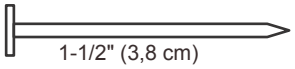
PARTS REQUIRED:

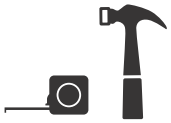
x1
3/8 x 24-3/8 x 48"
(1,0 x 61,9 x 121,9 cm)

x1
3/8 x 24-3/8 x 48"
(1,0 x 61,9 x 121,9 cm)

x1 SBA
2 x 4 x 21" (2,5 x 10,2 x 53,3 cm)

x2 SP Temporary Support
2 x 4 x 48" (5,1 x 10,2 x 122 cm)

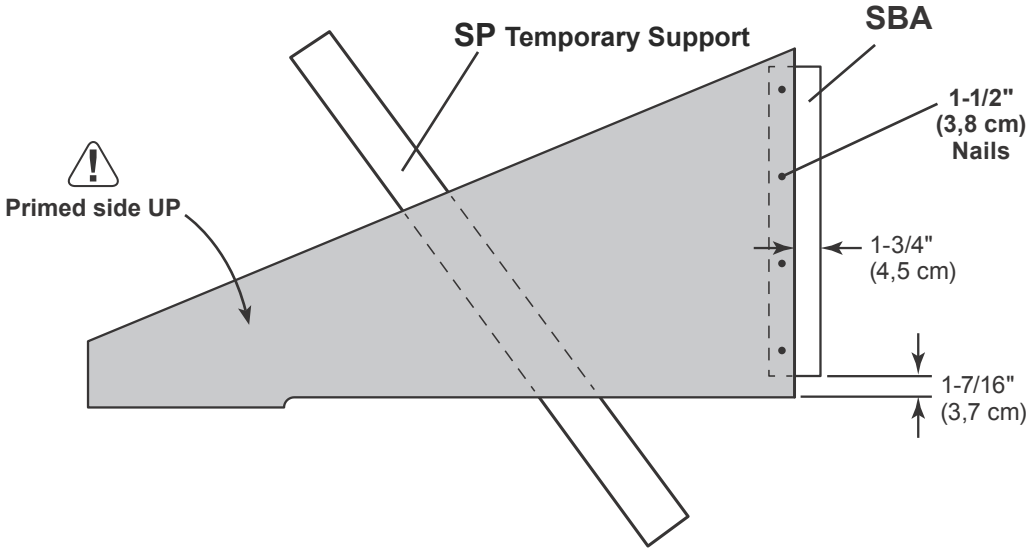
x8

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



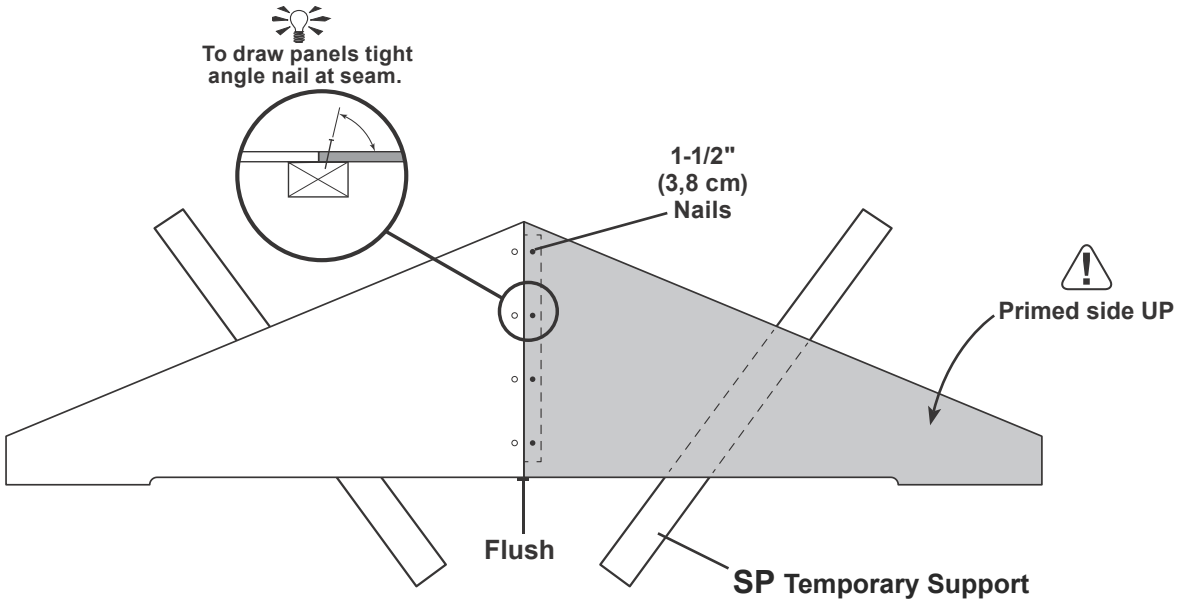
BEGIN

1 Orient parts on flat as shown.

2 Place LEFT front gable panel as shown. Use temporary support **SP** on flat side to support panel. Secure panel using four 1-1/2" nails.



3 Place RIGHT front gable panel as shown. Use temporary support **SP** on flat side to support panel. Secure panel using four 1-1/2" nails.



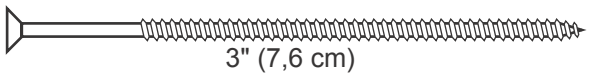
FINISH

4 You have finished your front gable assembly.

FRONT GABLE LADDER

PARTS REQUIRED:

x34



3" (7,6 cm)

x8 RCO
2 x 4 x 8-7/8" (5,1 x 10,2 x 22,5 cm)

x4 QHA
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 **TWO** ladder assemblies **(Fig. B)**.
Arrange, measure and mark locations of four **RCO** as shown place **QHA** on top.
Secure using 3" screws as shown **(Fig. A)**. Ensure parts are flush along edges.

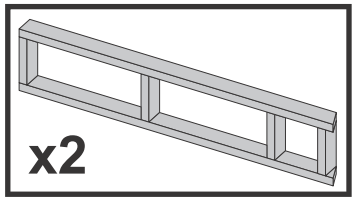
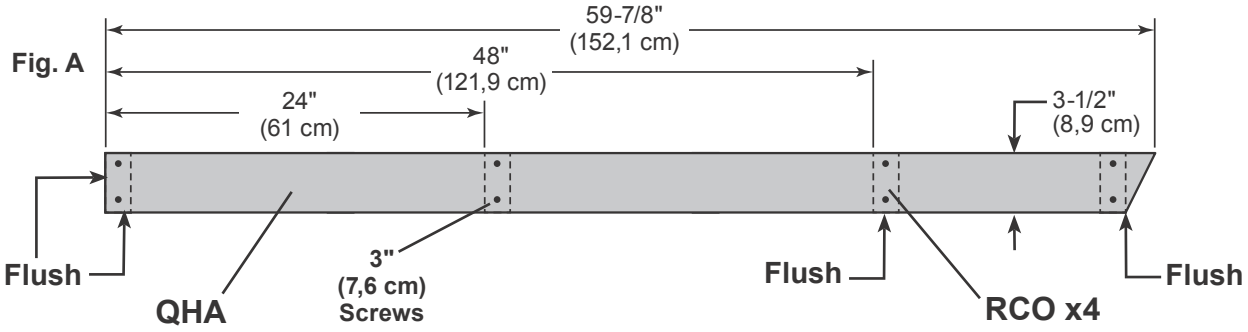


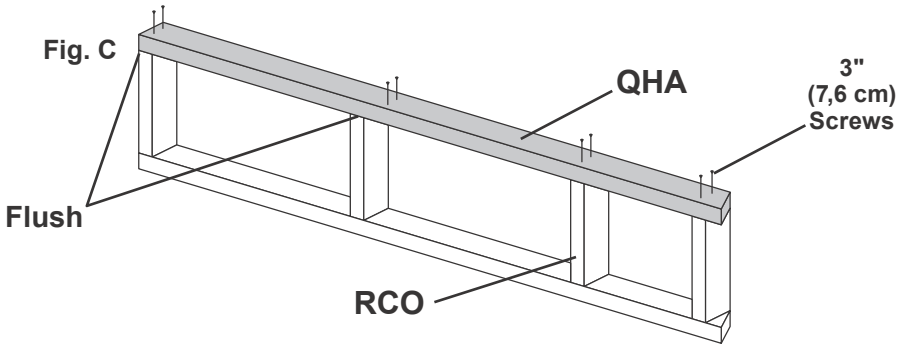
Fig. B

Fig. A



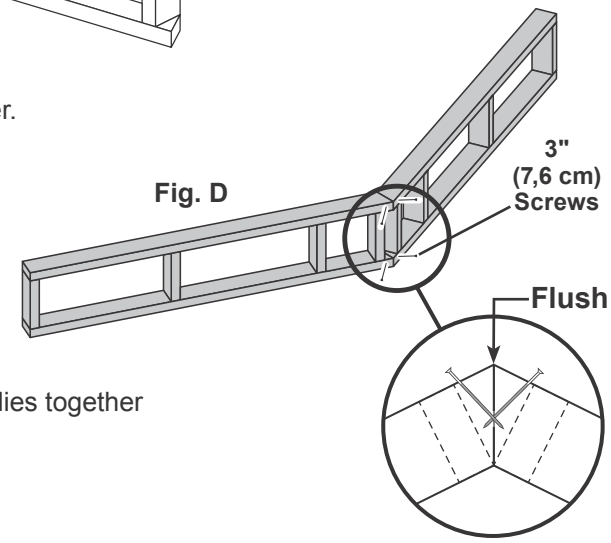
2 Flip over gable ladder and attach **QHA** to four **RCO** using 3" screws **(Fig. C)**.

Fig. C



3 Repeat STEPS 1 - 3 to build the second front gable ladder.

Fig. D



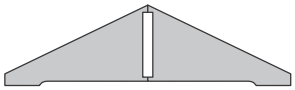
4 To complete gable ladder unit, toe-screw two sub-assemblies together using 3" screws **(Fig. D)**.

FINISH

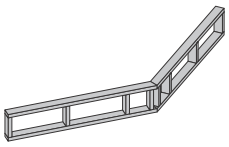
5 You have finished building your gable ladder unit.

FRONT GABLE UNIT

PARTS REQUIRED:



Front Gable Assembly



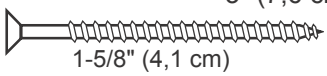
x1 Ladder Unit

x2 PVA
2 x 4 x 5-7/8"
(5,1 x 10,2 x 14,9 cm)

x4

3" (7,6 cm)

x16



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

BEGIN

1 Orient gable and ladder assemblies as shown **(Fig. A)**.

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

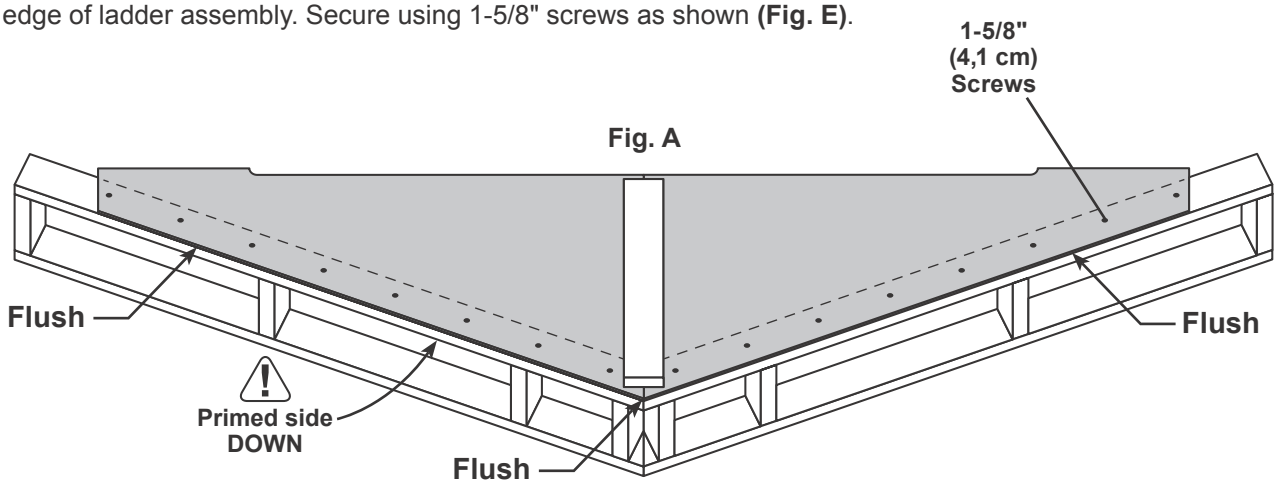


Fig. A

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

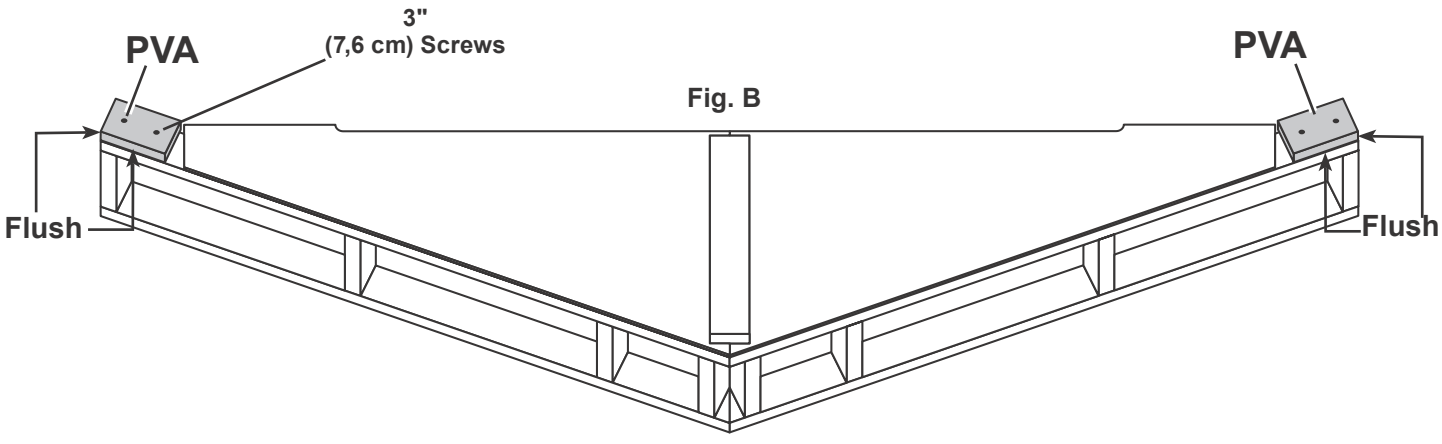


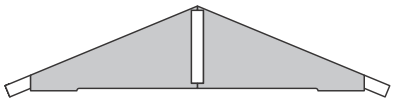
Fig. B

FINISH

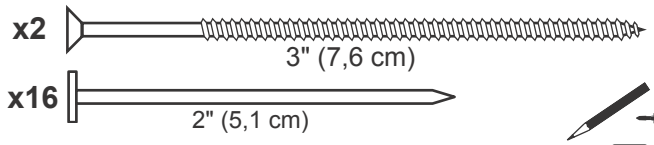
4 You have finished building your front gable unit.

FRONT GABLE UNIT

PARTS REQUIRED:



Front Gable Unit



BEGIN

Attach front gable unit on front wall top plate.

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

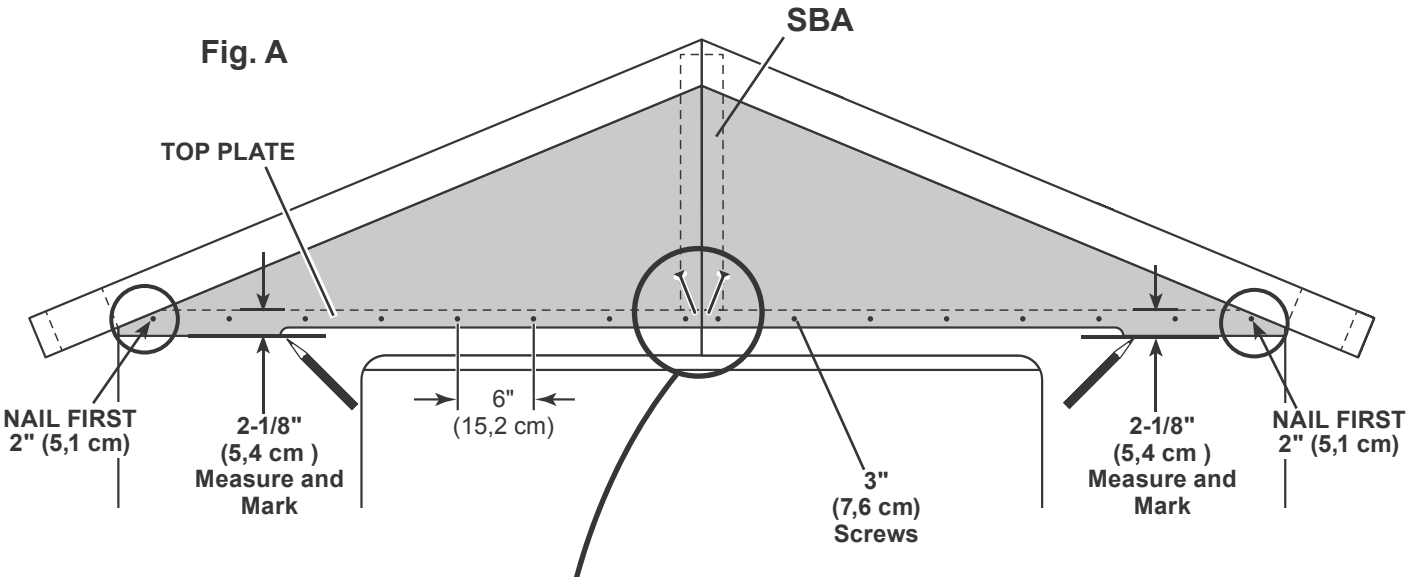
1 Measure 2-1/8" down from top plate and mark at each side as shown. Set gable unit on top plate. Secure with one 2" nail on each side as shown.

⚠ **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 **SBA** at an angle as shown in **(Fig. B)**.

Fig. A



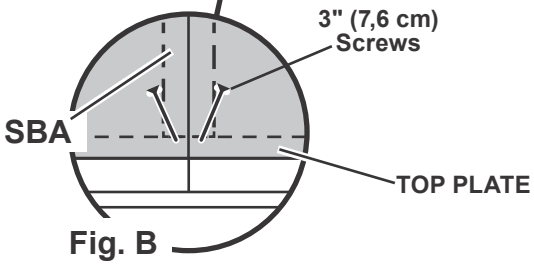


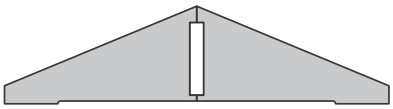
Fig. B

FINISH

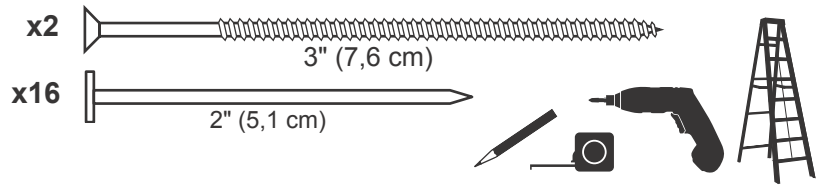
4 You have finished attaching your front gable unit.

BACK GABLE PANELS

PARTS REQUIRED:



Back Gable Assembly



BEGIN

Attach back gable assembly on front wall top plate.

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

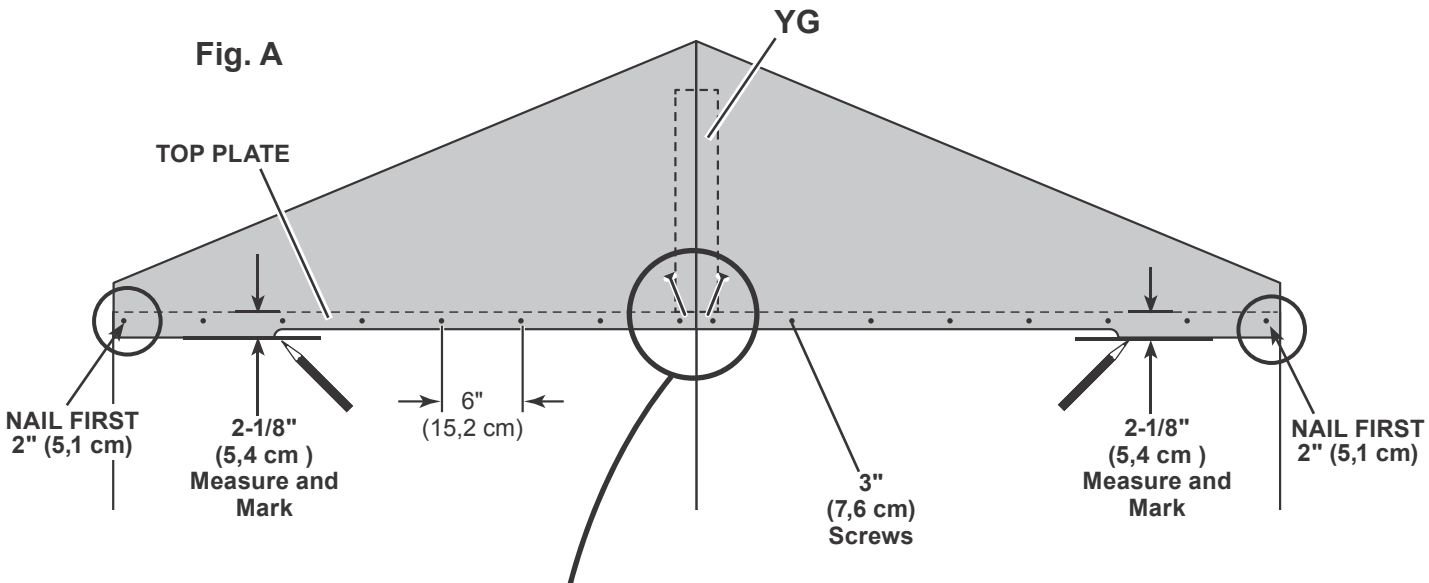
1 Measure 2-1/8" down from top plate and mark at each side as shown. Set gable assembly on top plate. Secure with one 2" nail on each side as shown.

⚠ **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 assembly with 3" screws toe-screwed into **YG** at an angle as shown in **(Fig. B)**.

Fig. A



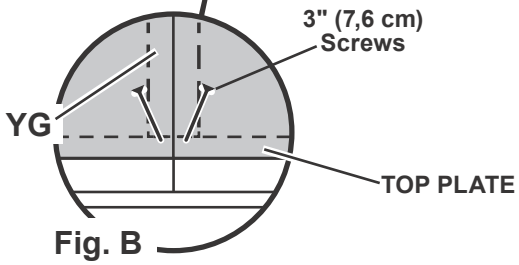


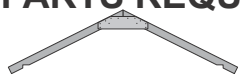
Fig. B

FINISH

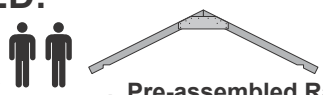
4 You have finished attaching your back gable assembly.

RAFTERS

PARTS REQUIRED:

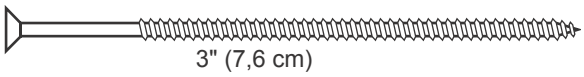


x4 **Pre-assembled Rafter with 2 gussets**

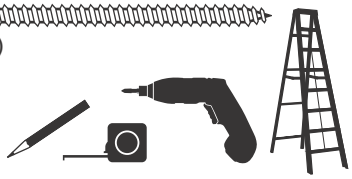


x1 **Pre-assembled Rafter with 1 gusset**

x28



3" (7,6 cm)



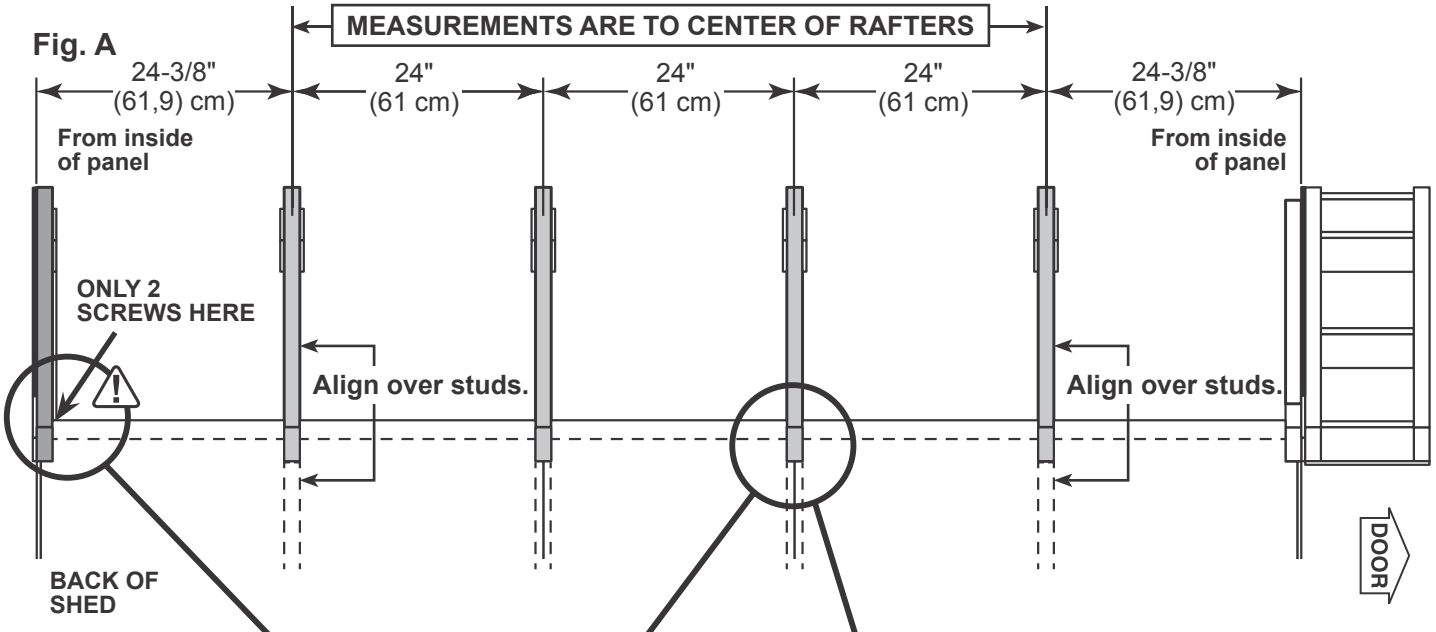
BEGIN

1 Mark top plates and wall panels to measurements shown. Place ***two-gusset rafters*** to marks on top plate, aligned over studs and tight to side wall on both sides of shed **(Fig. A, Fig. B)**.
Secure rafters with two 3" screws toe-screwed at rafter end **(Fig. B)**. Secure using one 3" screw angled from inside up through top plate and into rafter end **(Fig. C)**.

2 Place ***one-gusset rafter*** against back gable panels. Secure with one 3" screw toe-screwed at rafter end **(Fig. B)** and one 3" screw angled from inside up through top plate and into rafter end **(Fig. B)**.

3 Repeat STEPS 1 - 2 for opposite side of shed to install second **LV** and **PVA**.

Fig. A



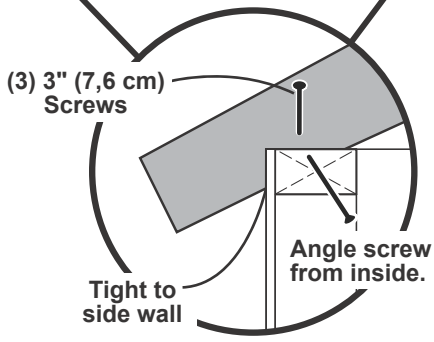


Fig. B

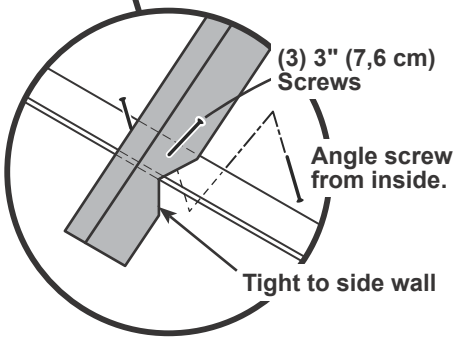


Fig. C

FINISH

4 You have finished installing your rafters.

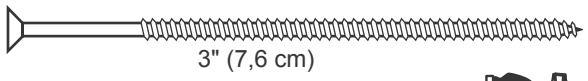
RAFTERS

PARTS REQUIRED:

x2 PVA 2 x 4 x 5-7/8" (5,1 x 10,2 x 14,9 cm)

x2 LV 2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)

x8



3" (7,6 cm)

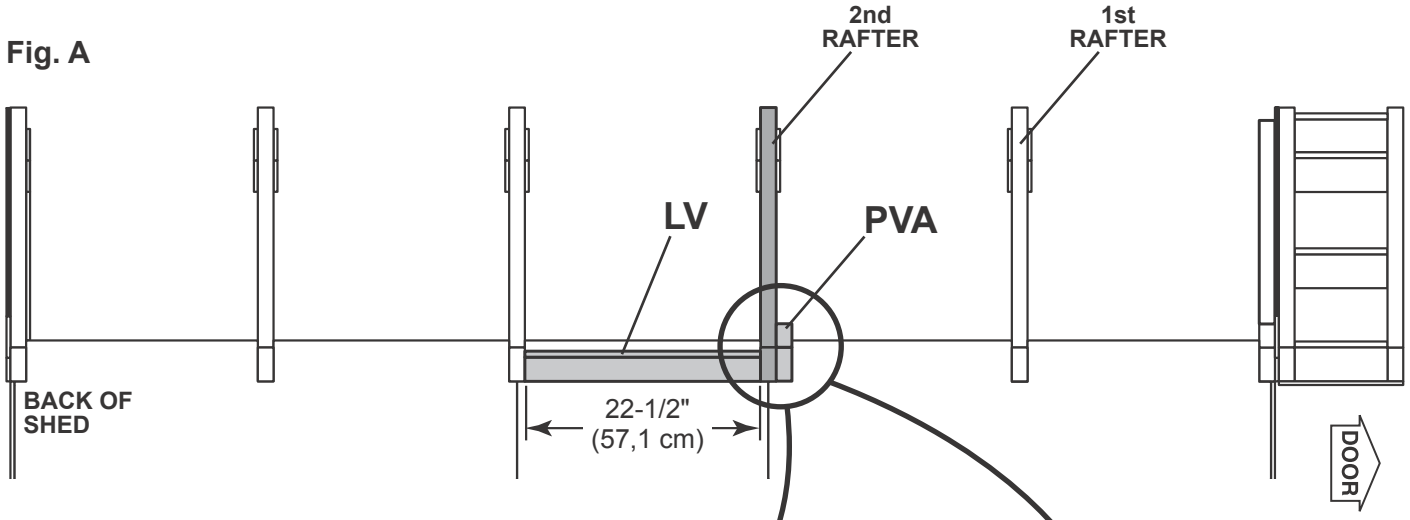
BEGIN

1 Place eave nailer **LV** between two center rafters. Keep **LV** flush to bottom of outside edge of rafter **(Fig. A, Fig. B)**. ***Pre-drill*** a 1/8" hole through rafter into **LV** to avoid splitting rafter. Secure with 3" screws **(Fig. B)**.

2 Place rafter spacer **PVA** on front side of 2nd rafter from door **(Fig. A)**. Keep **PVA** flush to all edges of rafter **(Fig. B)**. ***Pre-drill*** a 1/8" hole through **PVA** to avoid splitting. Secure with 3" screws **(Fig. B)**.

3 Repeat STEPS 1 - 2 for opposite side of shed to install second **LV** and **PVA**.

Fig. A



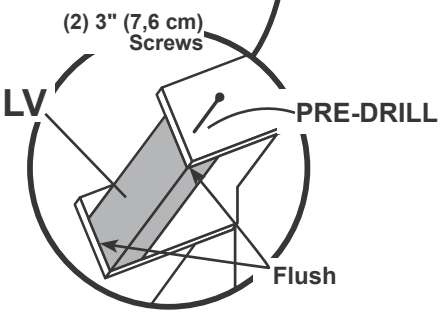


Fig. B

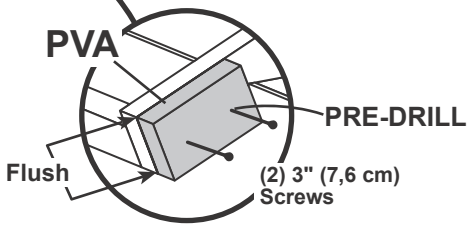


Fig. C

FINISH

4 You have finished installing your eave nailers and rafter spacers.

FRONT GABLE SOFFIT PANELS

PARTS REQUIRED:

x2

3/8 x 11-7/8 x 58-1/4"
(1 x 30,2 x 148 cm)

x28

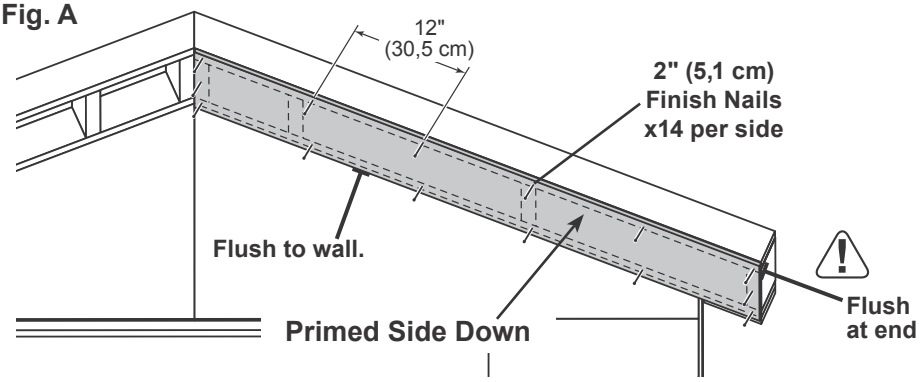
2" (5,1 cm)

BEGIN **Ensure soffit boards are flush at seam and flush at overhang end (Fig. A)**.

1 Position right **58-1/4"** soffit board **Primed Side Down** flush to front wall and gable panel seam **(Fig A)**. Secure using fourteen 2" finish nails.

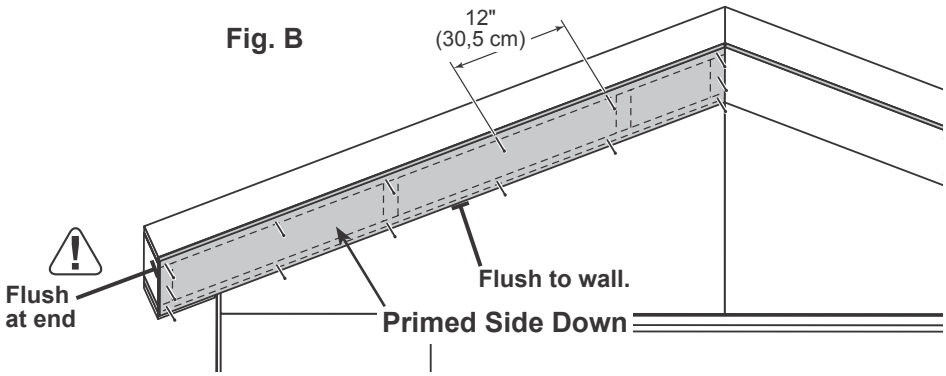
Hint: Pre-set nails in soffit before final installation.

Fig. A



2 Position left **58-1/4"** soffit board **Primed Side Down** flush to front wall, gable end and right soffit board **(Fig. B)**. Secure using fourteen 2" finish nails.

Fig. B



FINISH

3 You have finished installing your front gable soffit panels.

EAVE SIDE SOFFIT PANELS

PARTS REQUIRED:

x2 3/8 x 5-7/8 x 47-7/8" (1 x 12,1 x 121,6 cm)

x2 3/8 x 5-7/8 x 73-5/8" (1 x 14,9 x 187,6 cm)

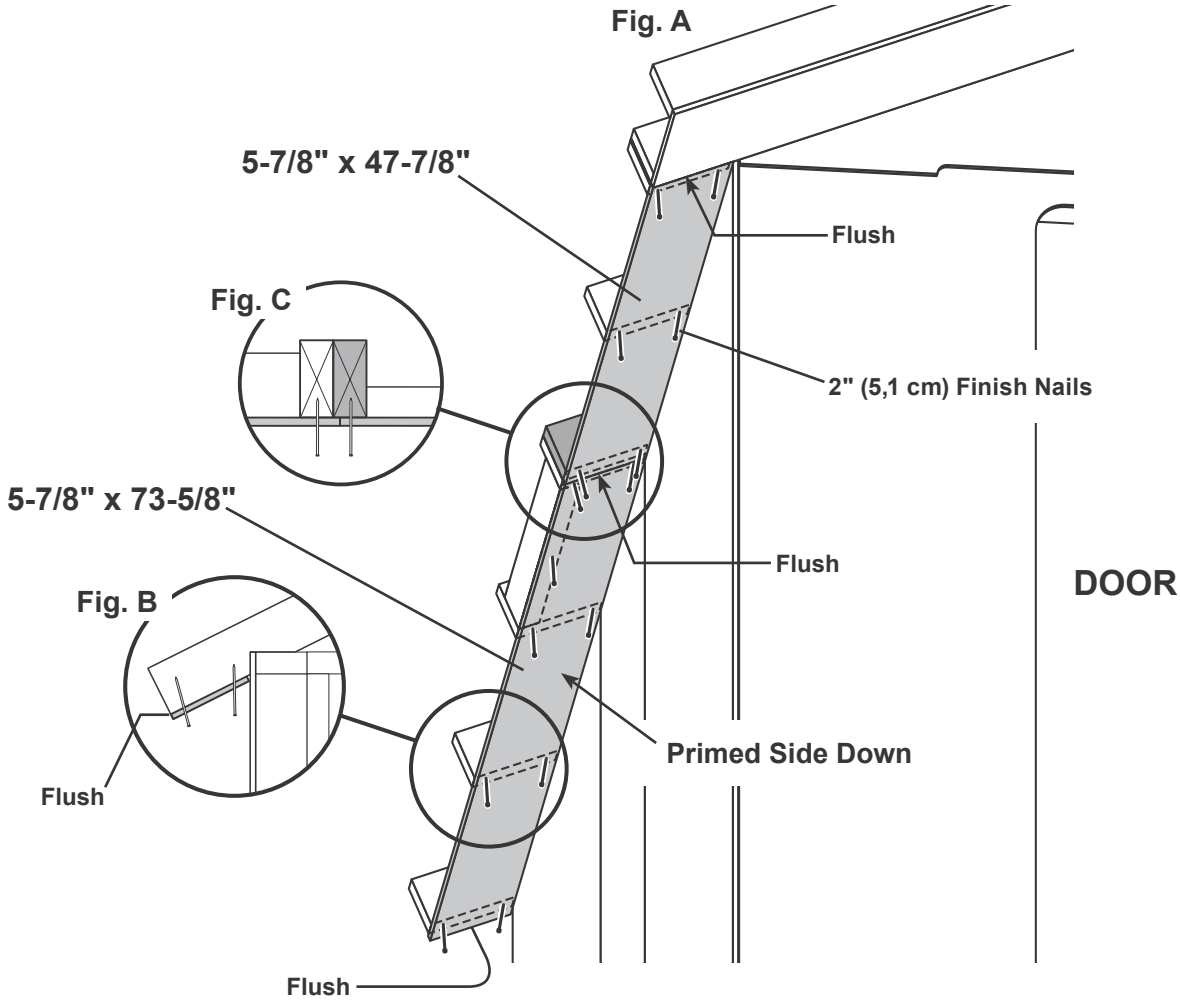
x30 2" (5,1 cm)

BEGIN

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

1. Position soffit boards **primed side down** flush to gable soffit and rafter ends **(Fig A)**.

2. Nail **5-7/8" x 47-7/8" soffit** into rafter block **(Fig. C)**. Secure soffits using 2" finish nails.



3. Repeat STEP 1 - 2 to attach eave side soffit boards on the opposite side.

FINISH

4. You have finished installing your eave side soffit panels.

CORNER TRIM

PARTS REQUIRED:

x56 2" (5,1 cm)

x8

3/8 x 2-13/16 x 73-7/8" (1 x 7,1 x 187,6 cm)

BEGIN

1 Place one **2-13/16" x 73-7/8"** trim board flush under gable panel and flush with eave wall panel **(Fig. A)**. Secure using one 2" finish nail at top as shown.

2 Place second **2-13/16" x 73-7/8"** trim board flush along edge of installed **2-13/16" x 73-7/8"** trim board and flush under eave wall soffit **(Fig. B)**. Secure using one 2" finish nail at top as shown.

Complete attaching trim flush to corners using six 2" (5,1 cm) finish nails spaced evenly **(Fig. C)**.

3 Repeat STEPS 1 - 2 to attach trim to all four corners **(Fig. C)**.

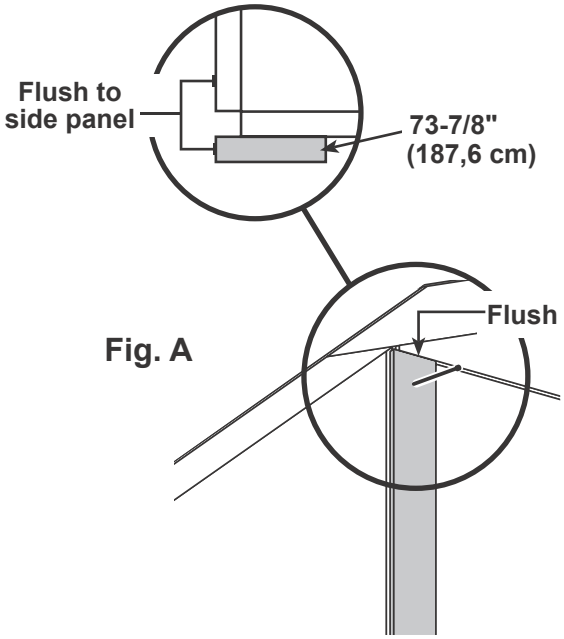


Fig. A

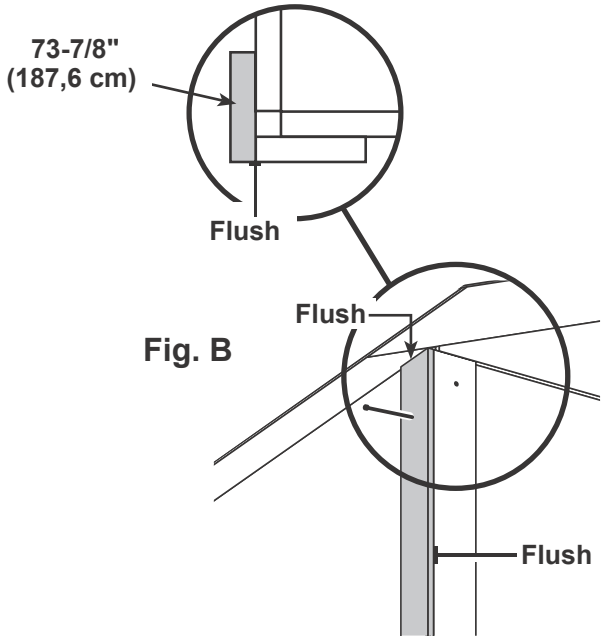
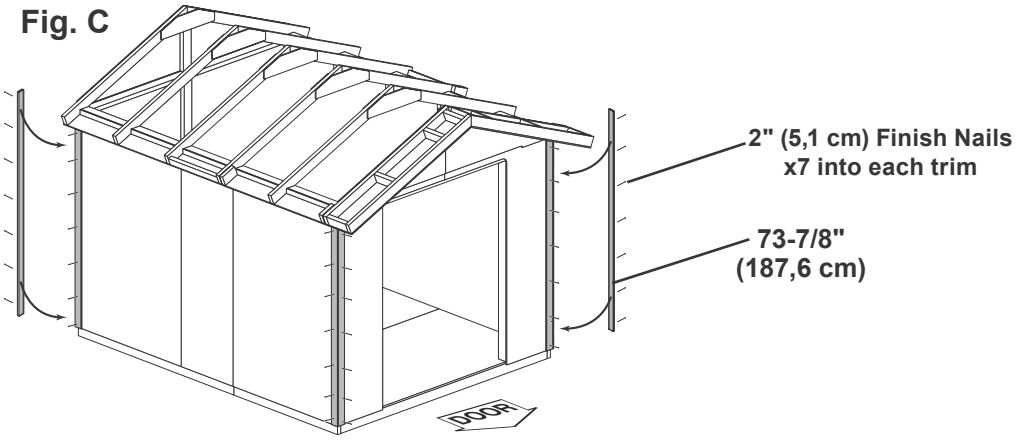


Fig. B

Fig. C



FINISH

4 You have attached your corner trim.

CORBELS

PARTS REQUIRED:

x6 GCA 1 x 3 x 9-1/2" (2,5 x 7,6 x 24,17 cm)

x4 NGO 1 x 3 x 11-7/8" (2,5 x 7,6 x 30,2 cm)

x3 PKA 2 x 2 x 12" (5,1 x 5,1 x 30,5 cm)

x3 LPA 2 x 4 x 14" (5,1 x 10,2 x 35,6 cm)

x2 FJ 1 x 4 x 11-7/8" (2,5 x 10,2 x 30,2 cm)

x3 PRO 2 x 2 x 10-3/8" (5,1 x 5,1 x 26,4 cm)

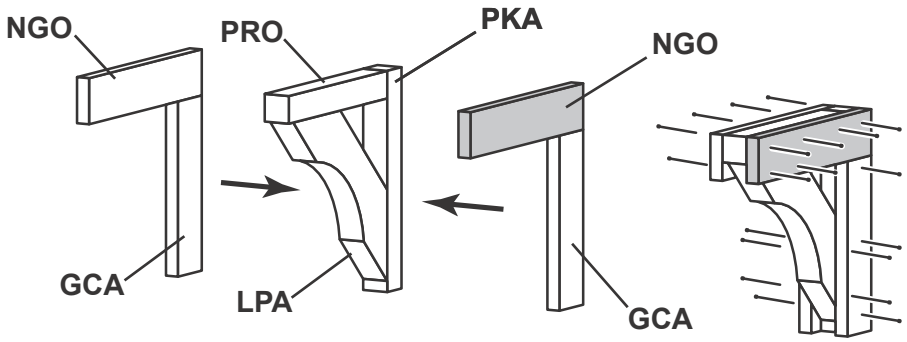
x54 2" (5,1 cm)

NOTE: You will build one Center corbel, one Left corbel and one Right corbel.

BEGIN

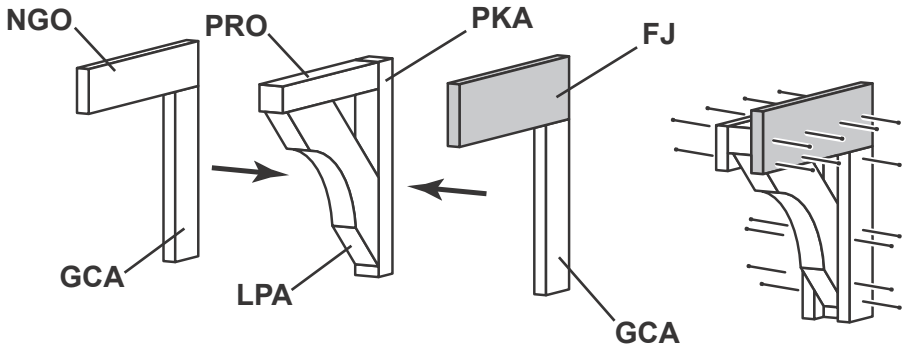
1 Build the center corbel first.
Orient **PKA**, **PRO**, **GCA** and **NGO** as shown **(Fig. A)**.
Nail using 2" finish nails.

Fig. A



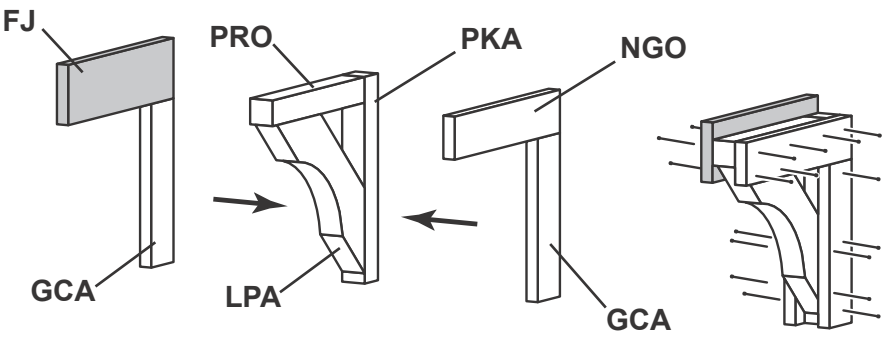
2 Build the left corbel next.
Orient **PKA**, **PRO**, **GCA** and **FJ** as shown. Note position of **FJ (Fig. B)**.
Nail using 2" finish nails.

Fig. B



3 Build the right corbel next.
Orient **PKA**, **PRO**, **GCA** and **FJ** as shown. Note position of **FJ (Fig. B)**.
Nail using 2" finish nails.

Fig. C



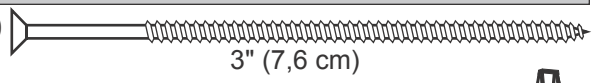
FINISH

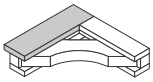
4 You have finished building your corbels.

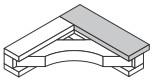
CORBELS

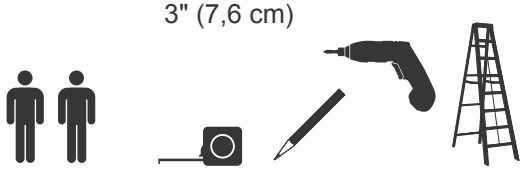
PARTS REQUIRED:

x10



LEFT CORBEL 

RIGHT CORBEL 



BEGIN

1. Locate left corbel centered on the front corner trim and tight against the bottom of soffit as shown **(Fig. A)**.

2. Fasten from inside using three 3" screws as shown **(Fig. B)**.

Fig. A

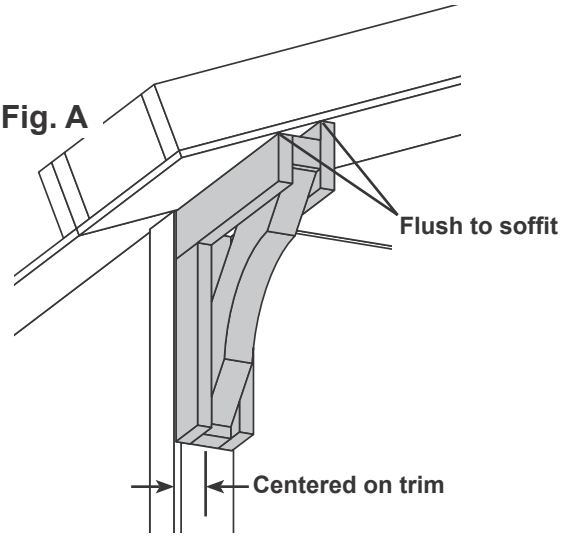
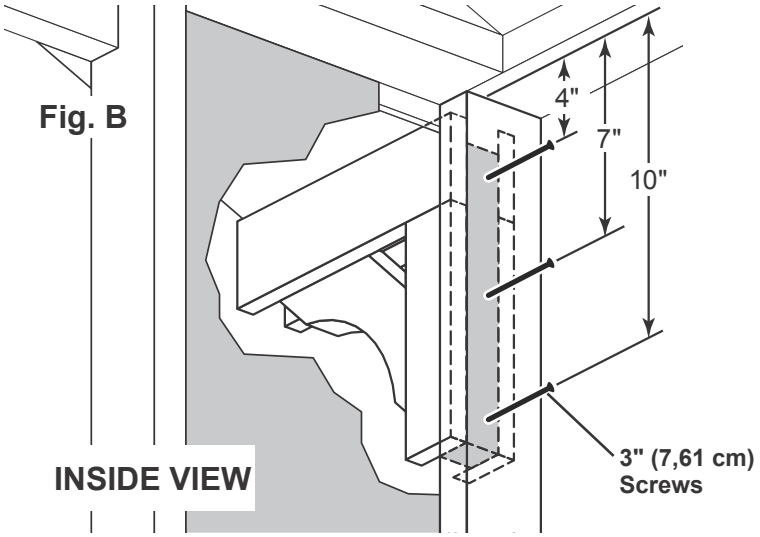


Fig. B



3. Fasten using two 3" screws down through the soffit as shown **(Fig. C, Fig. D)**.

Fig. C

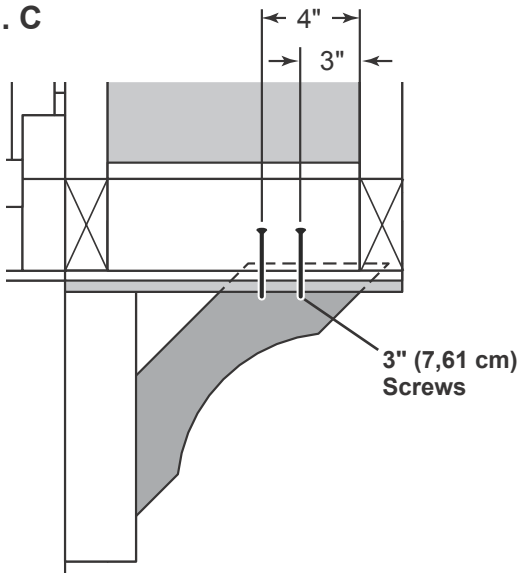
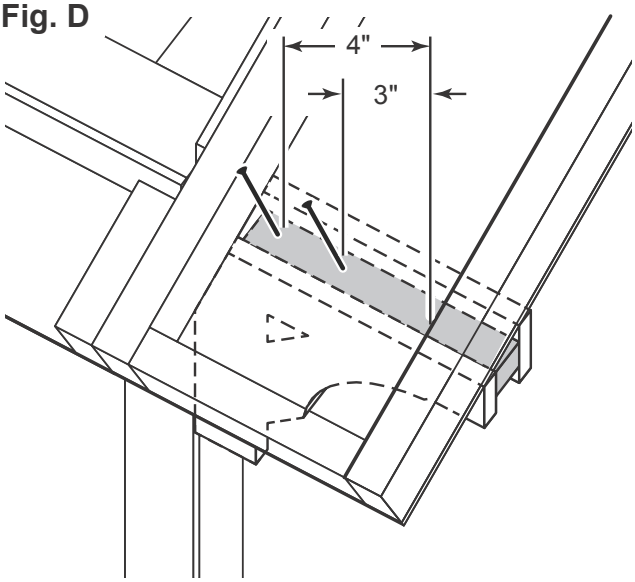


Fig. D

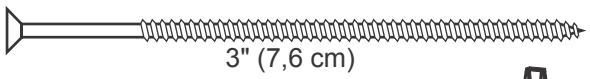


4. Repeat STEPS 1 - 3 for the right corbel.

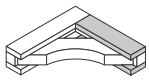
CORBELS

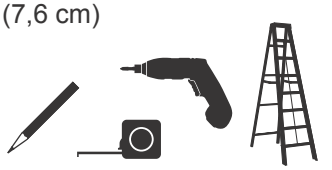
PARTS REQUIRED:

x5



CENTER CORBEL





BEGIN

1 Locate center corbel centered on the seam of the gable panels and tight against the bottom of soffit **(Fig. A)**.

2 Fasten from inside using three 3" screws as shown measuring from the top of the gable connector **(Fig. B)**.

Fig. A

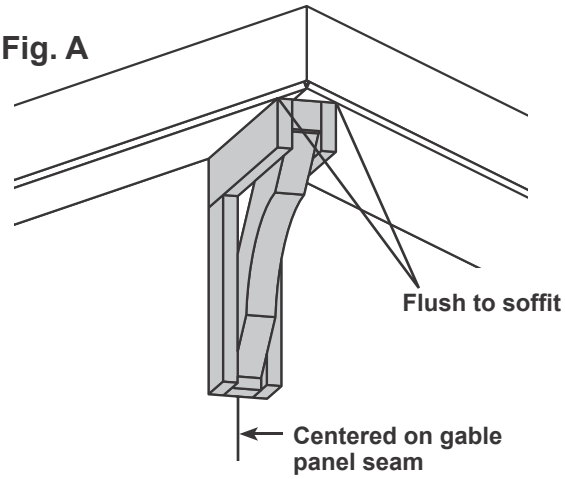
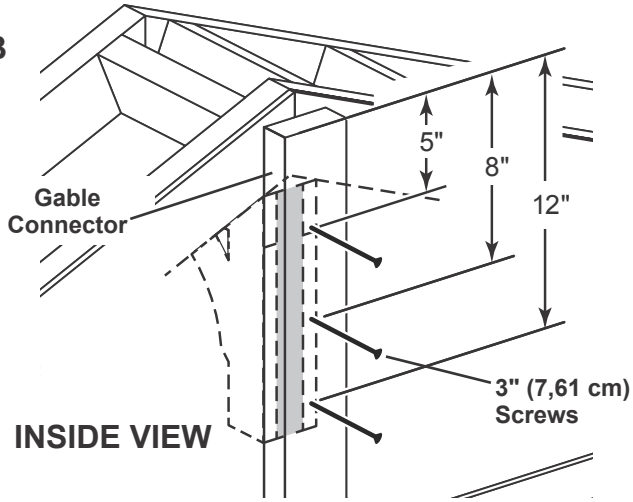


Fig. B



3 Fasten using two 3" screws angled in between the seam of the gable down through the soffit panel into the corbel **(Fig. C, Fig. D)**.

Fig. C

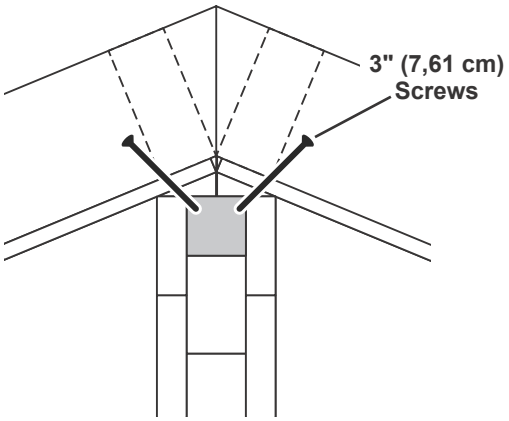
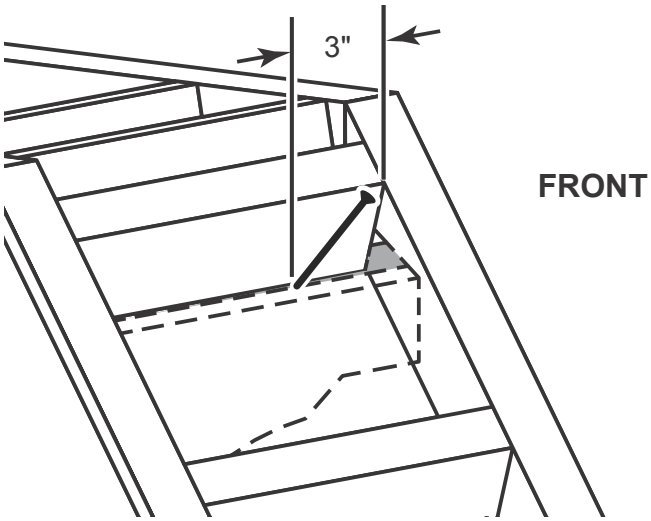


Fig. D



FINISH

4 You have finished installing your corbels.

ROOF PANELS

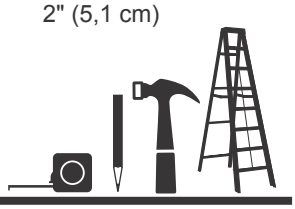
PARTS REQUIRED:

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

x1 — 7/16 x 48 x 36" (1,1 x 121,9 x 91,4 cm)

3/4" GAUGE BLOCK

x4 — 2" (5,1 cm)



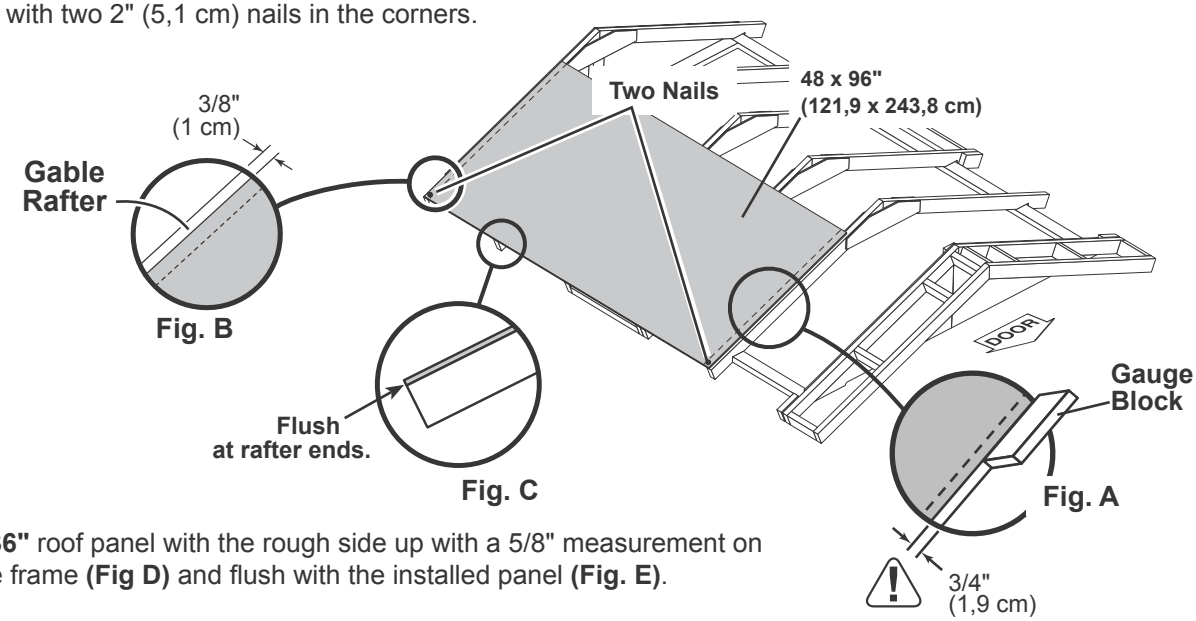
Roof panels may cause serious injury until securely fastened.

BEGIN

1 Attach the **48" x 96"** panel with the rough side up (painted-grid lines side) with a 3/4" measurement on the 1st rafter from front wall **(Fig A)** and 3/8" at the back gable rafter **(Fig. B)**.

Ensure the panel is flush at the rafter ends **(Fig. C)**.

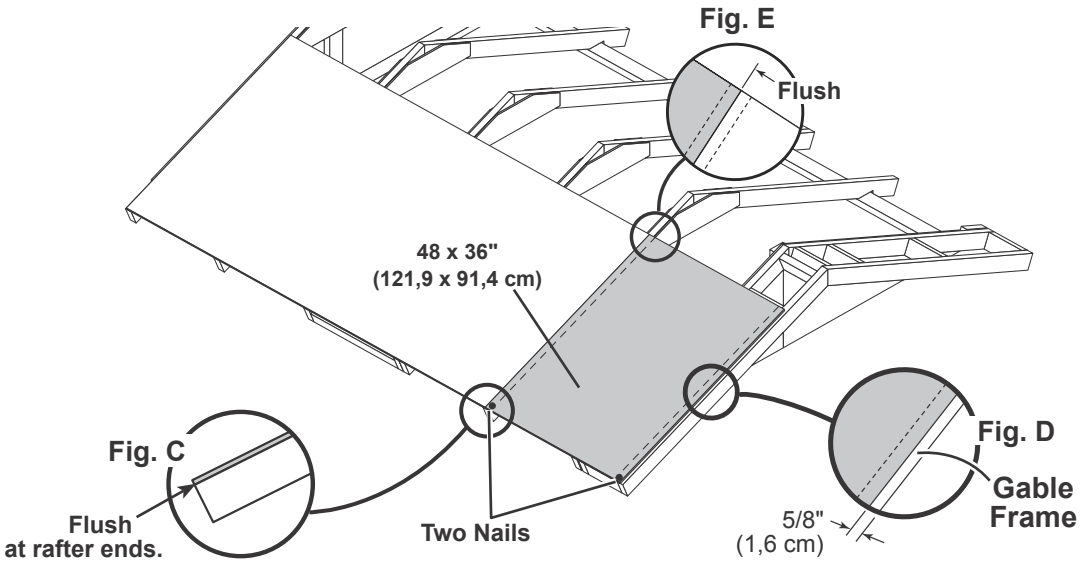
Secure panel with two 2" (5,1 cm) nails in the corners.



2 Attach **48" x 36"** roof panel with the rough side up with a 5/8" measurement on the front gable frame **(Fig D)** and flush with the installed panel **(Fig. E)**.

Ensure the panel is flush at the rafter ends **(Fig. C)**.

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



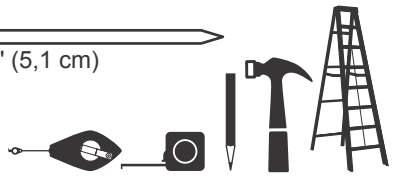
ROOF PANELS

PARTS REQUIRED:

x1 — 7/16 x 11-7/8 x 48" (1,1 x 30,2 x 121,9 cm)

x1 — 7/16 x 11-7/8 x 84" (1,1 x 30,2 x 213,4 cm)

x148 — 2" (5,1 cm)



3 Keep spacing between the center of the rafters and gable panels at the upper edge of the panels. Secure panels with one 2" nail into each rafter and gable frame **(Fig. F)**.

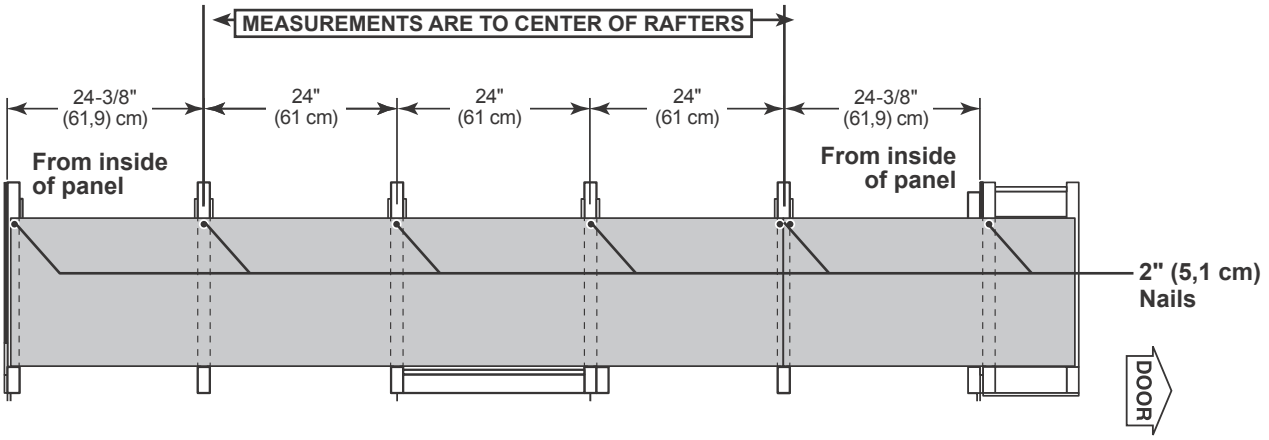


Fig. F

4 Nail the roof panels using 2" nails 6" apart on edges and 12" apart inside panel **(Fig. G)**.

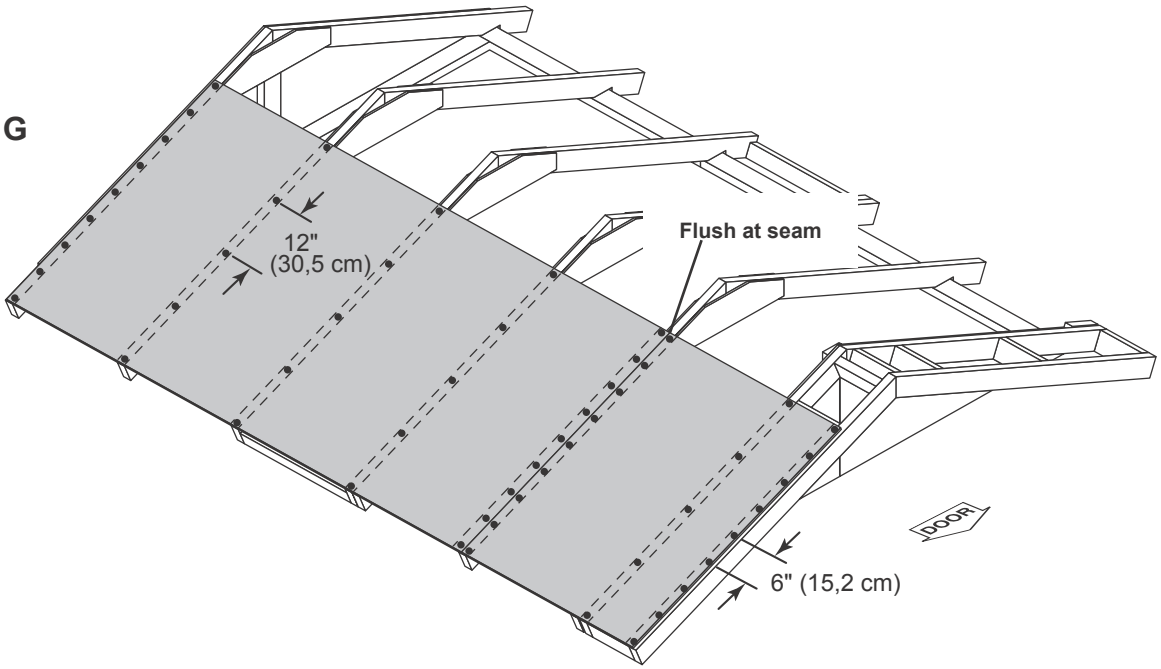


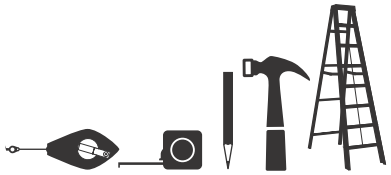
Fig. G

ROOF PANELS

PARTS REQUIRED:

x1 7/16 x 11-7/8 x 48"
(1,1 x 30,2 x 121,9 cm)

x1 7/16 x 11-7/8 x 84"
(1,1 x 30,2 x 213,4 cm)



5 Attach the **11-7/8" x 84"** roof panel flush to the lower installed panels, 3/4" measurement at rafter center **(Fig. A)**, and with a 5/8" measurement at the front gable frame **(Fig. H)**. Nail the roof panel using 2" nails 6" apart on edges and 12" apart inside panel.

6 Attach the **11-7/8" x 48"** roof panel flush to the installed panels and with a 3/8" measurement at the back gable rafter **(Fig. H)**. Nail the roof panels using 2" nails 6" apart on edges and 12" apart inside panel.

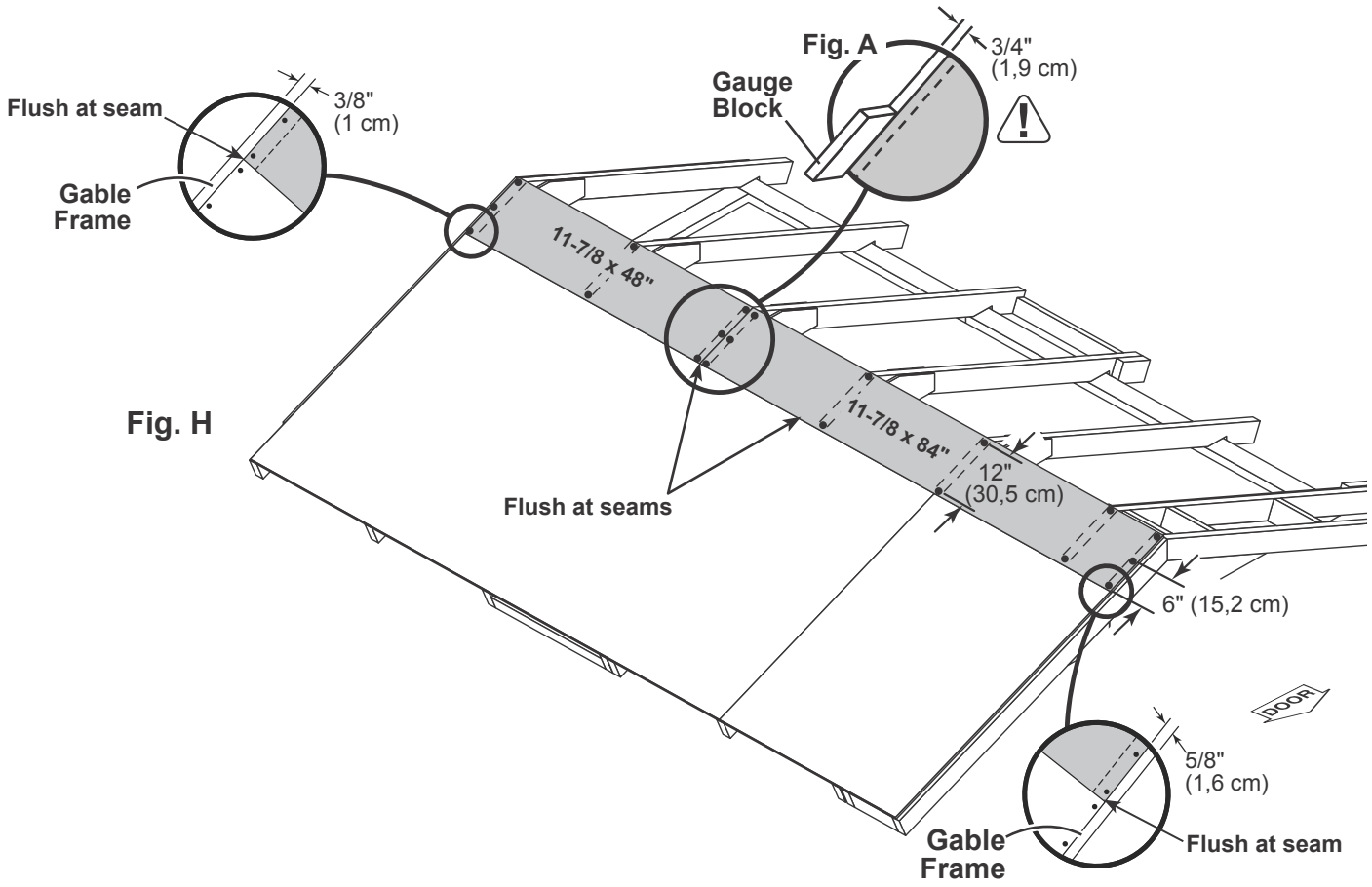


Fig. H

7 Repeat STEPS 1 - 6 to attach roof panels on the opposite side.

FINISH

8 You have finished installing your roof panels.

FRONT GABLE FASCIA

PARTS REQUIRED:

x1

3/8 x 4-3/4 x 61" (1 x 12,1 x 154,9 cm)

x1

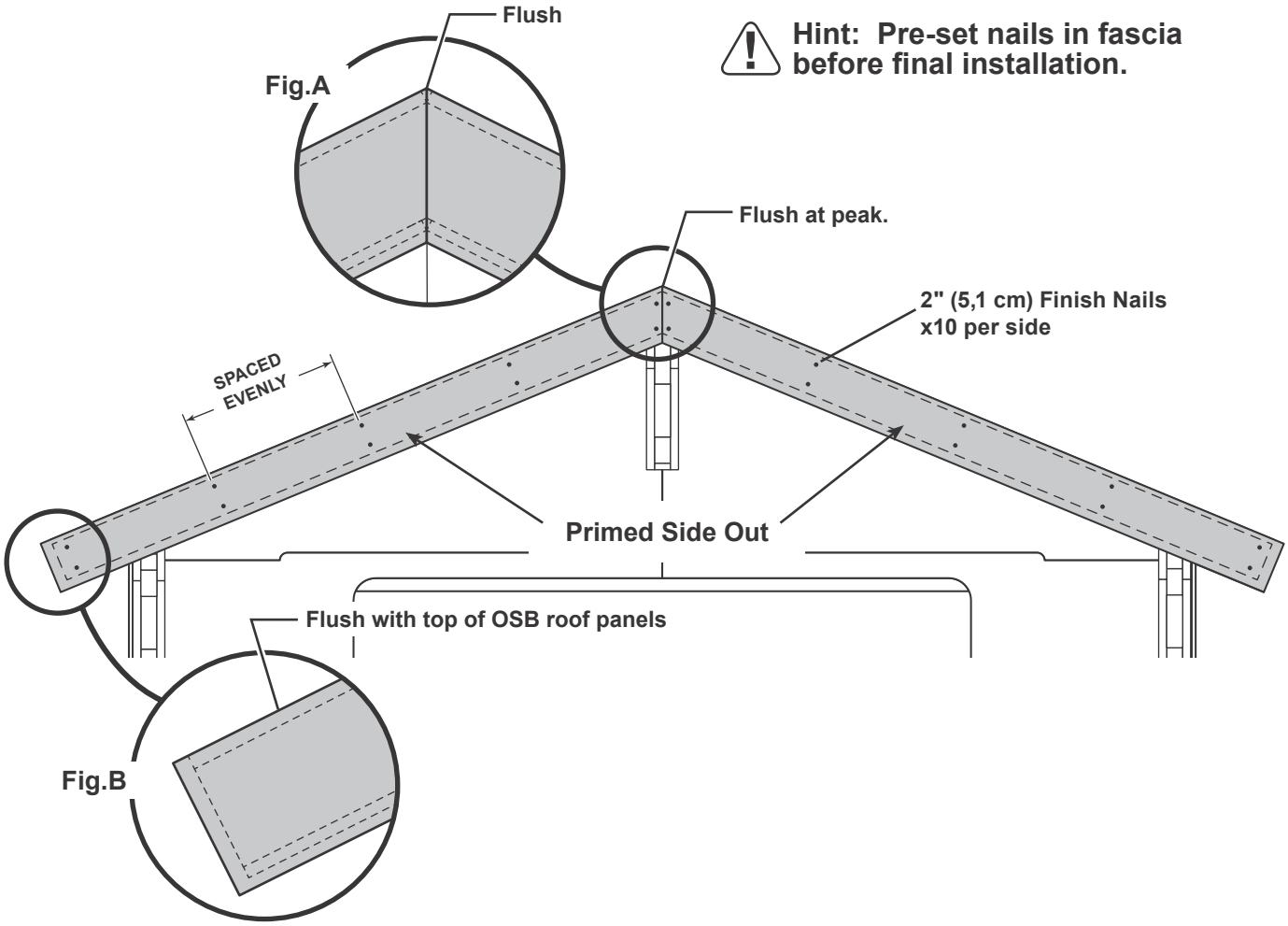
3/8 x 4-3/4 x 61" (1 x 12,1 x 154,9 cm)

x20

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.



FINISH

2 You have finished installing your gable fascia.

GABLE TRIM

PARTS REQUIRED:

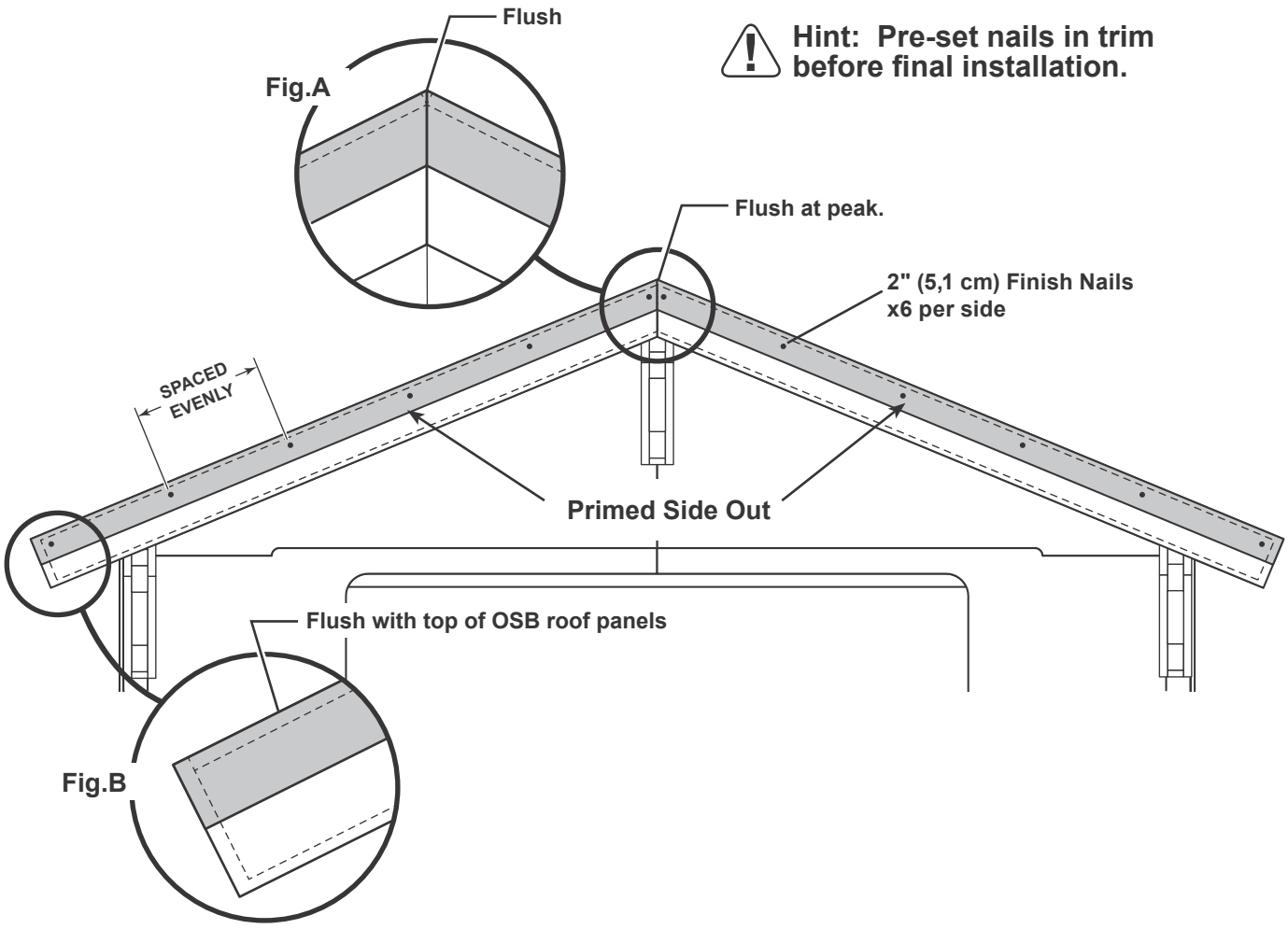
x1
3/8 x 2-1/2 x 61" (1 x 6,4 x 154,9 cm)

x1
3/8 x 2-1/2 x 61" (1 x 6,4 x 154,9 cm)

x24
2" (5,1 cm)

BEGIN

1 Position trim 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.



FINISH

2 You have finished installing your gable trim.

BACK GABLE FASCIA

PARTS REQUIRED:

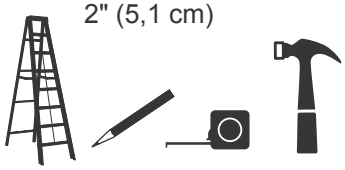
x1 3/8 x 4-3/4 x 61" (1 x 12,1 x 154,9 cm)

x1 3/8 x 4-3/4 x 61" (1 x 12,1 x 154,9 cm)

x4 1" (2,5 cm)

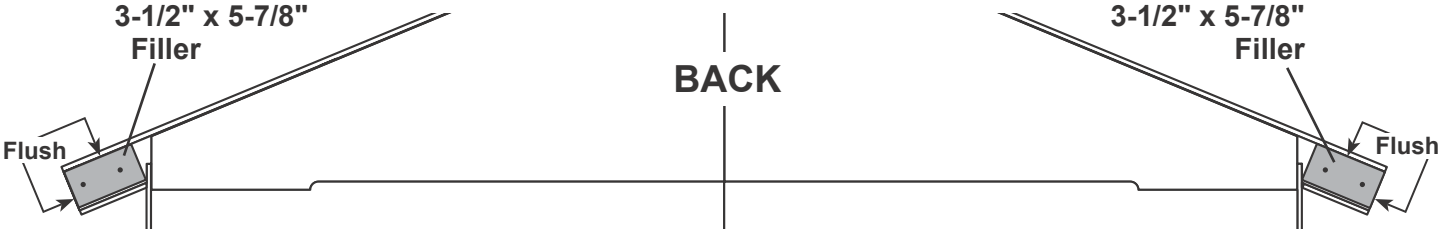
x20 2" (5,1 cm)

x2 3/8 x 3-1/2 x 5-7/8" (1 x 8,9 x 14,9 cm)



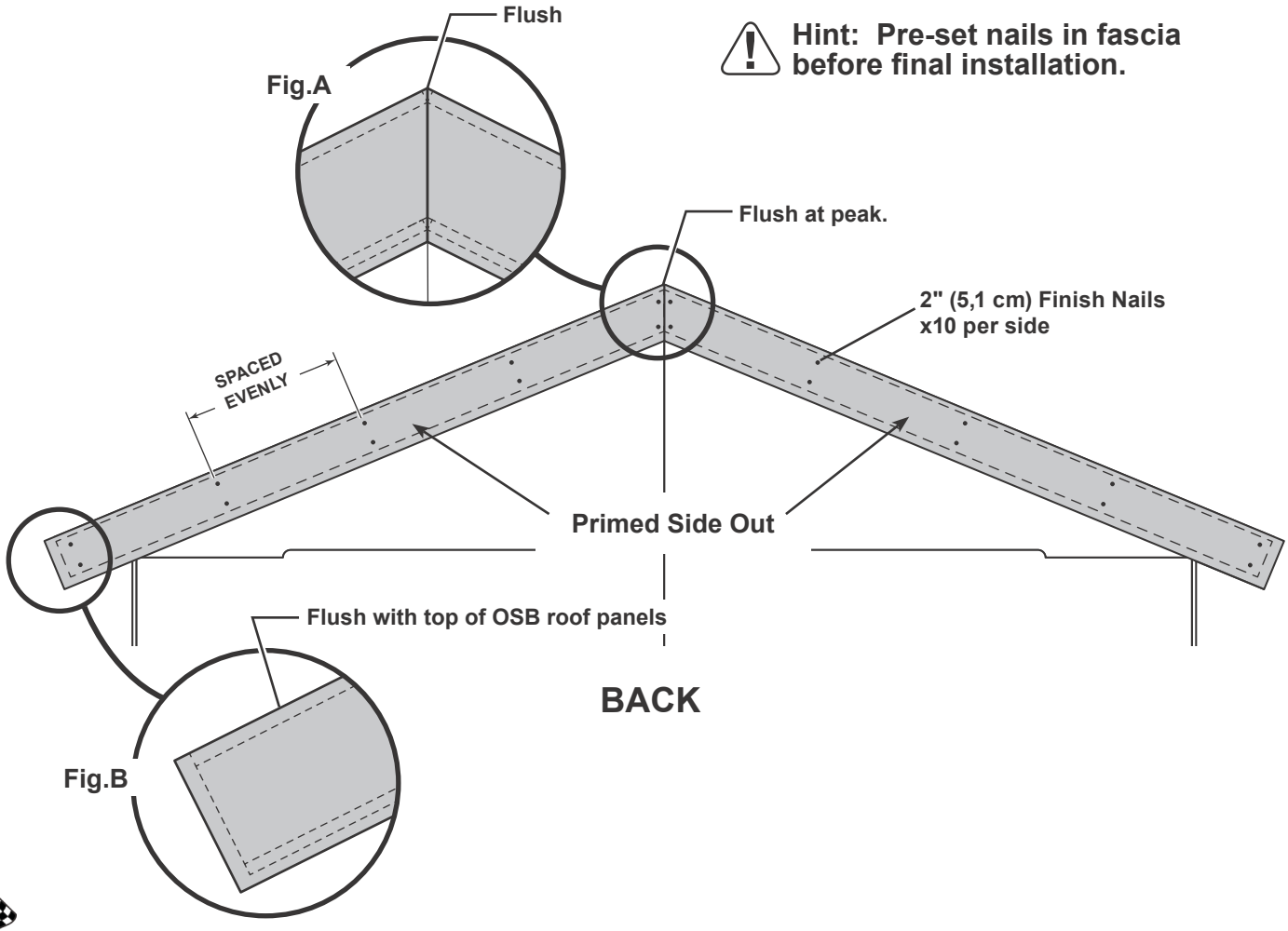
BEGIN

1. Position **3-1/2" x 5-7/8" Filler Boards** flush to rafter edges as shown. Secure each using two 1" screws.



2. Position back gable 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.

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



FINISH

3. You have finished installing your back gable fascia.

EAVE SIDE FASCIA

PARTS REQUIRED:

x2 3/8 x 4-3/4 x 61-1/2" (1 x 12,1 x 156,2 cm)

x2 3/8 x 4-3/4 x 72" (1 x 12,1 x 182,9 cm)

x36 2" (5,1 cm)

BEGIN

1 Position fascia boards with **primed side out,** flush with roof panels and gable fascia as shown **(Fig. A)**. Install 72" fascia toward front. Secure using 2" finish nails into rafter ends and rafter brace **LV**.

2 Repeat STEP 1 on opposite side.

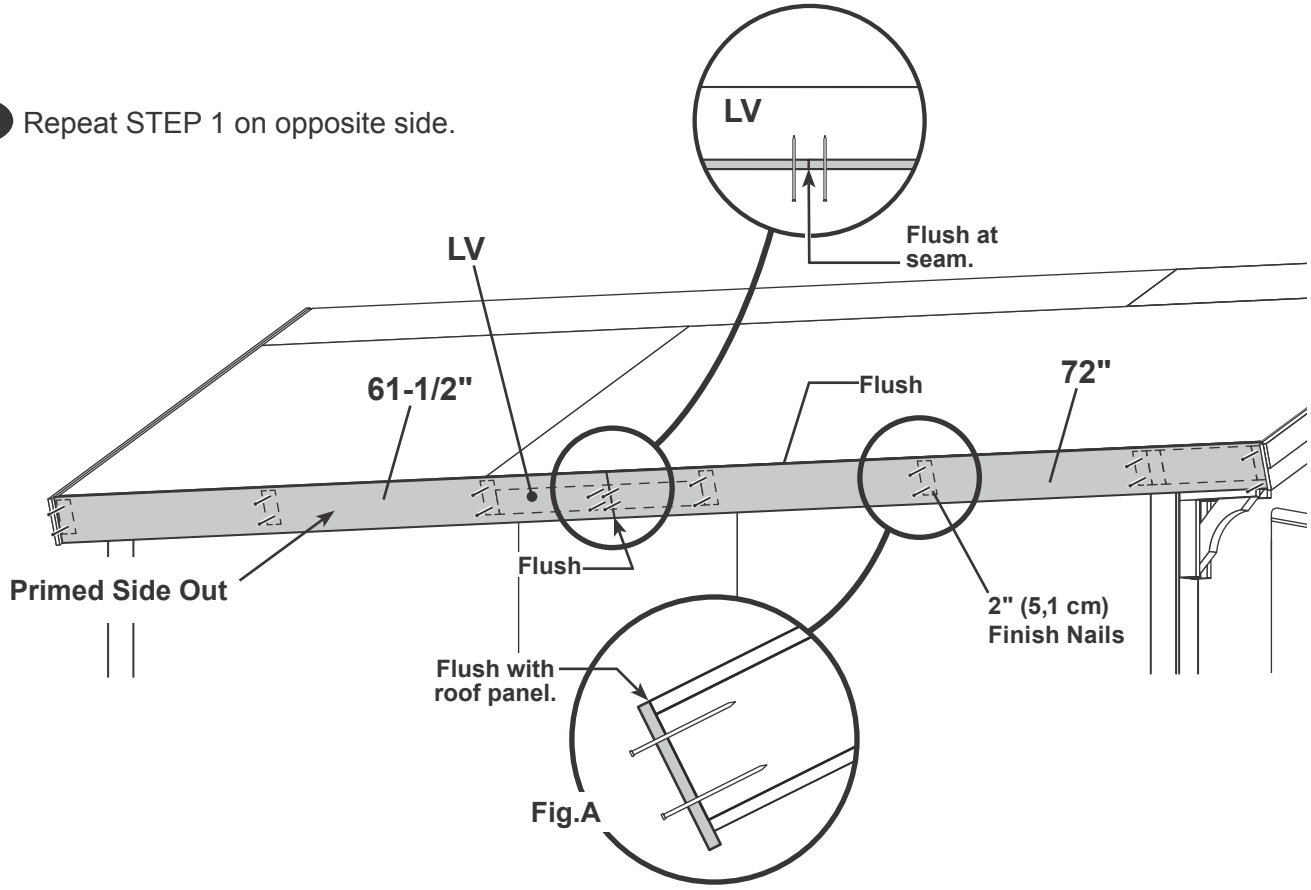


Fig.A

FINISH

3 You have finished installing your eave side fascia.

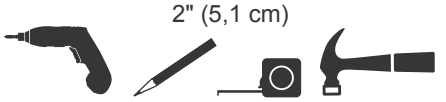
OVER DOOR TRIM

PARTS REQUIRED:

x1 **WR**
19/32 x 2-1/2 x 63" (1,5 x 6,4 x 160 cm)

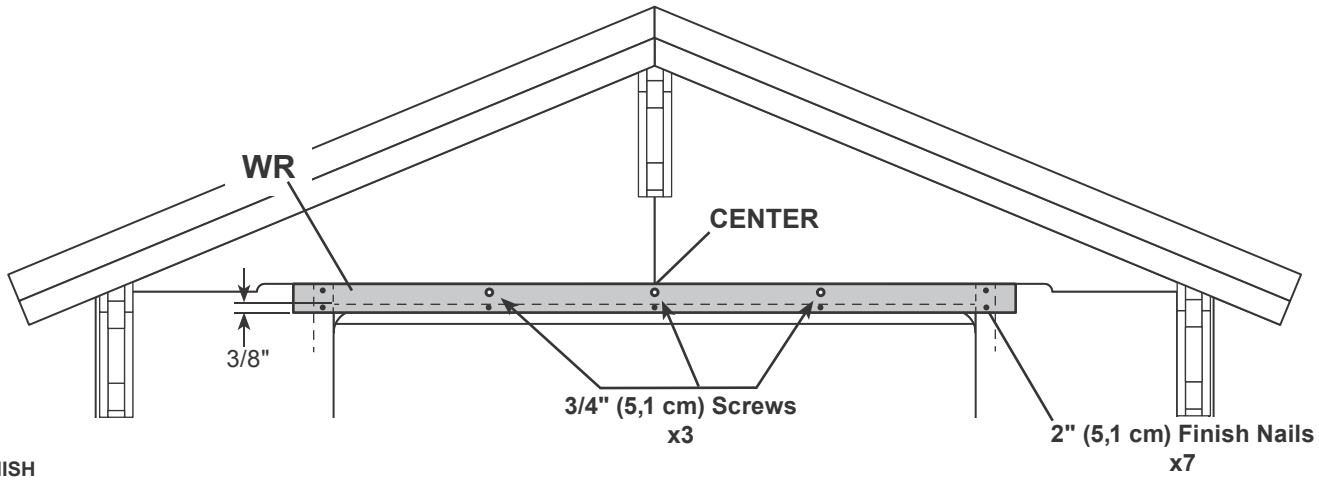
x3 3/4" (1,9 cm)

x10 2" (5,1 cm)



BEGIN

1. Center **WR** tight up against front gable panels. Attach using 2" finish nails along bottom edge as shown.
   Ensure nails are into wall framing.
   Secure top edge with three 3/4" screws back-screwed from inside.



FINISH

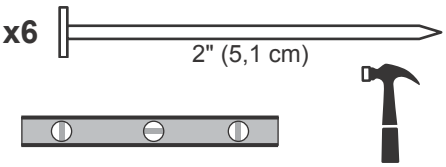
2. You have finished installing your over door trim.

COLLAR TIE

PARTS REQUIRED:

x1 **JF**
1 x 4 x 60" (2,5 x 10,2 x 152,4 cm)

x6 2" (5,1 cm)

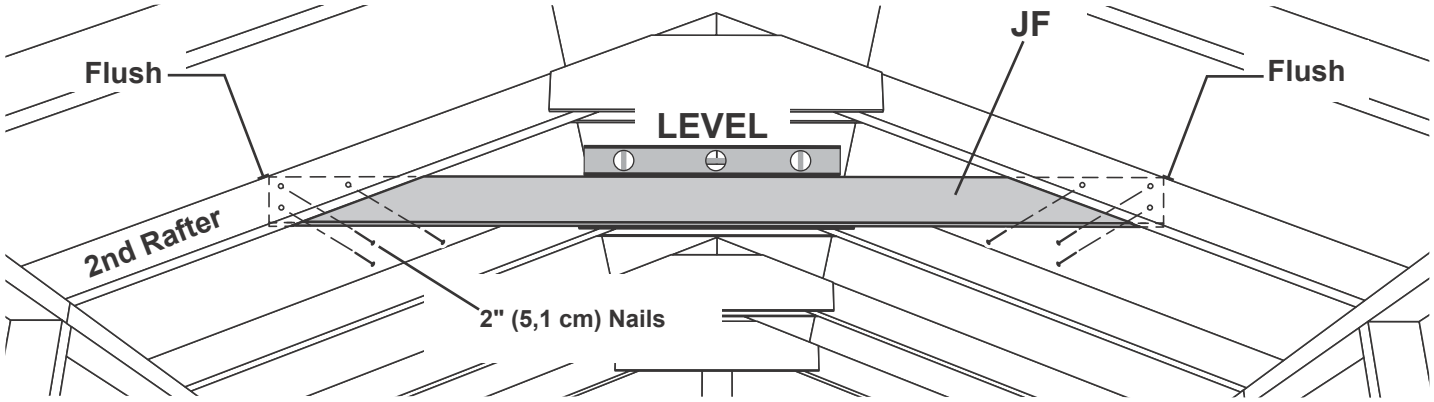


BEGIN

1. Position and level **JF** on 2nd rafter from front wall.

HINT: ***For best appearance install collar tie on rafter facing away from door opening.***

2. Attach with 2" nails as shown.

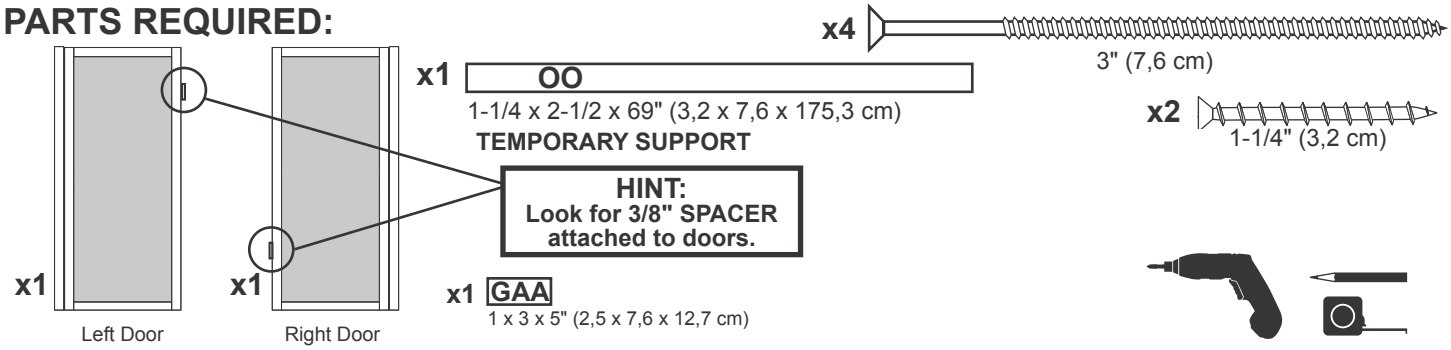


FINISH

3. You have finished installing your collar tie.

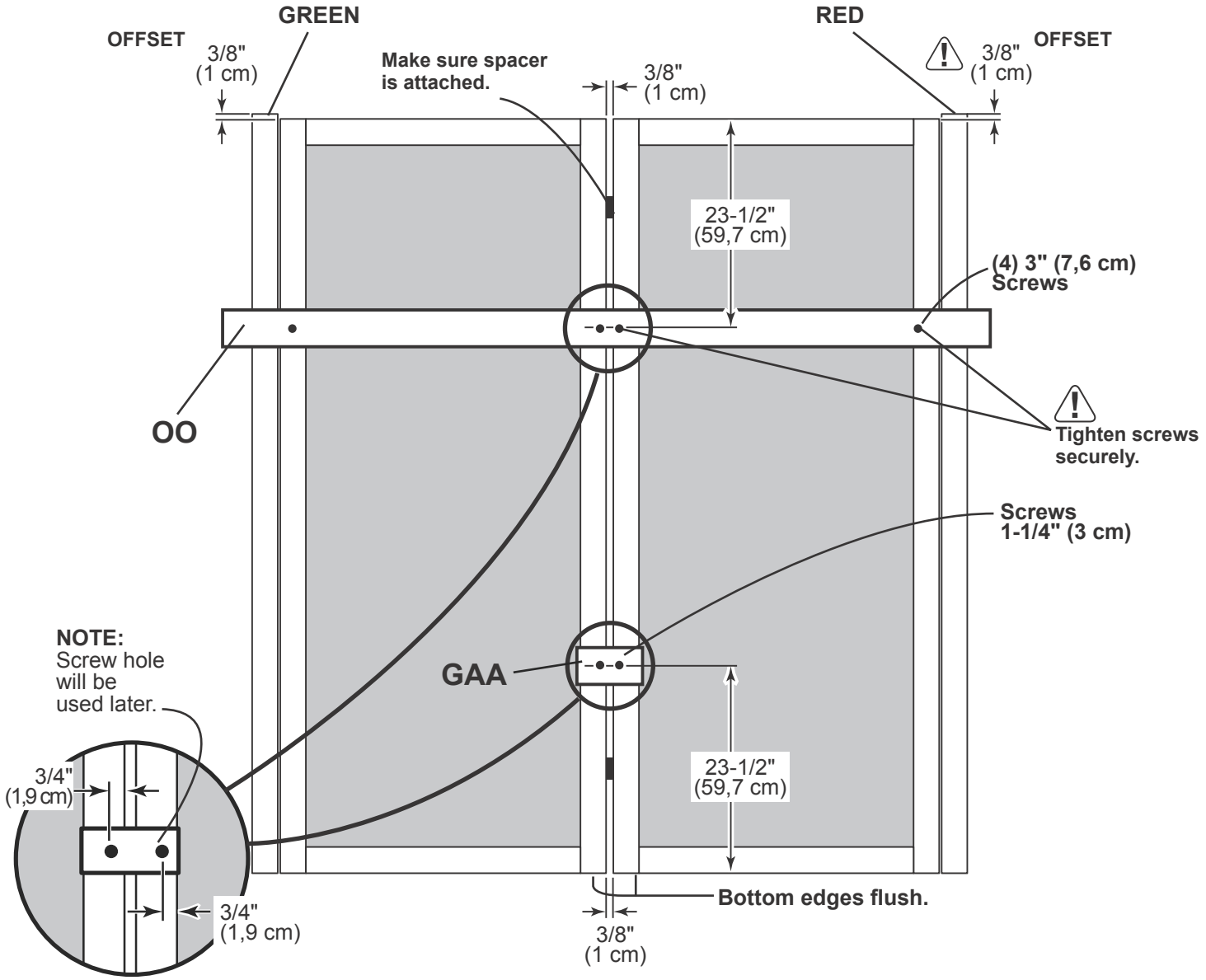
DOORS

PARTS REQUIRED:



BEGIN

1. Orient parts as shown on flat surface. ⚠ **3/8" offset is to top. Look for red (right) and green (left) on hinge board.**
2. 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.

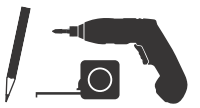


DOORS

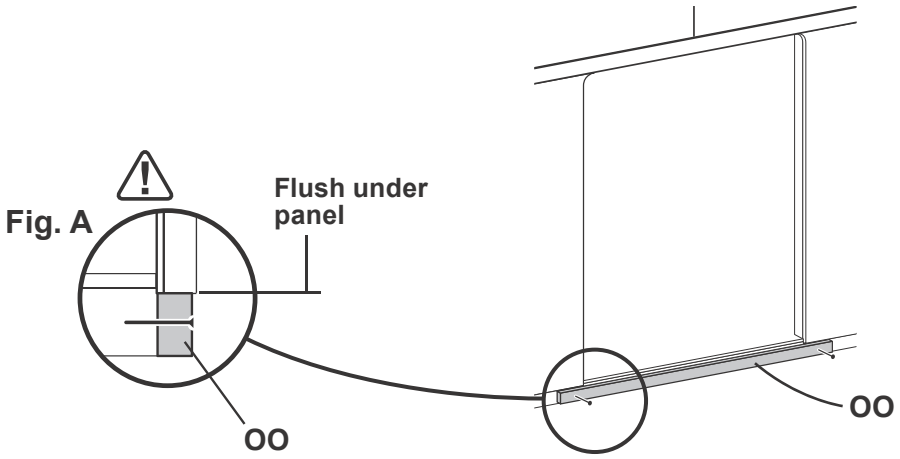
PARTS REQUIRED:

x1 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 7,6 x 175,3 cm)
TEMPORARY SUPPORT

x12
3" (7,6 cm)



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



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

⚠ **Check door hinge board is flush to over-door trim.**

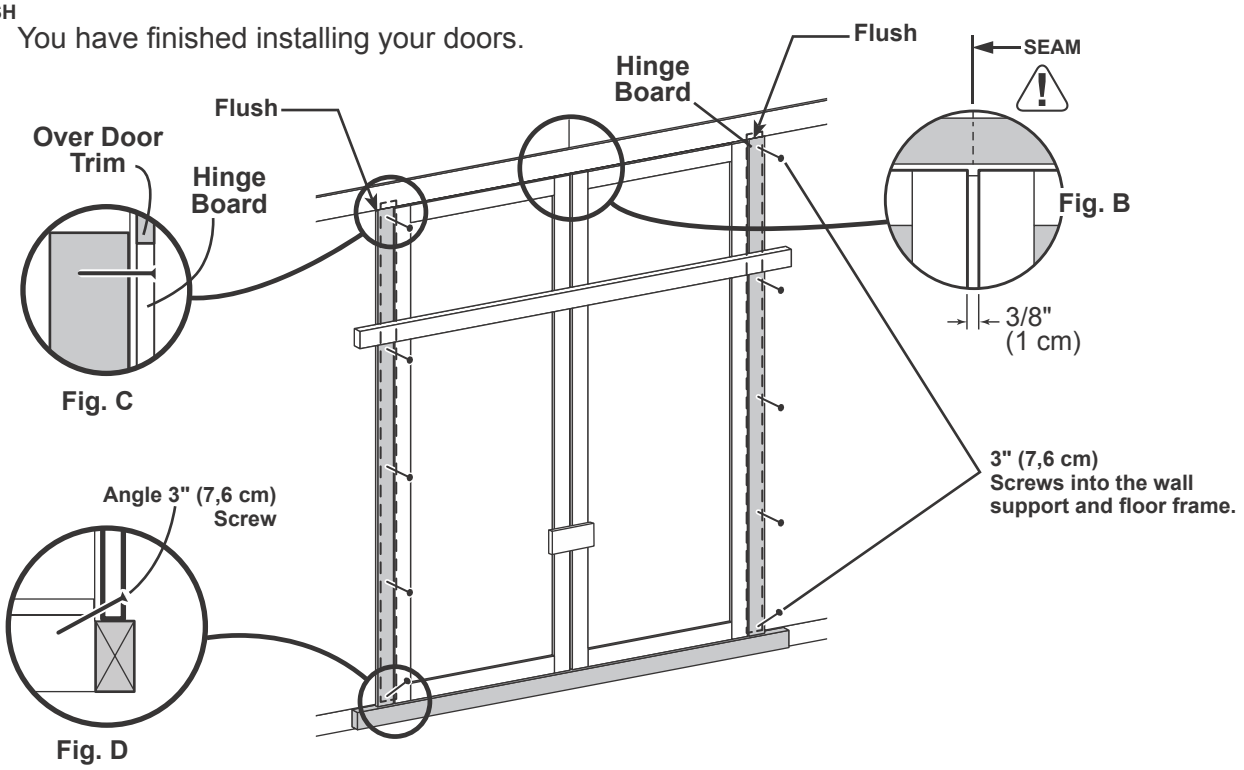
6 Screw hinge boards into wall studs and floor using 3" screws as shown.

⚠ **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 doors.



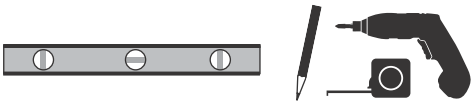
DOORS

PARTS REQUIRED:

x2 **GI**
19/32 x 2-1/2 x 23" (1,5 x 6,3 x 58,4 cm)

x2 **FDA**
19/32 x 2-1/2 x 55-1/8" (1,5 x 6,3 x 140 cm)

x58
3/4" (1,9 cm)

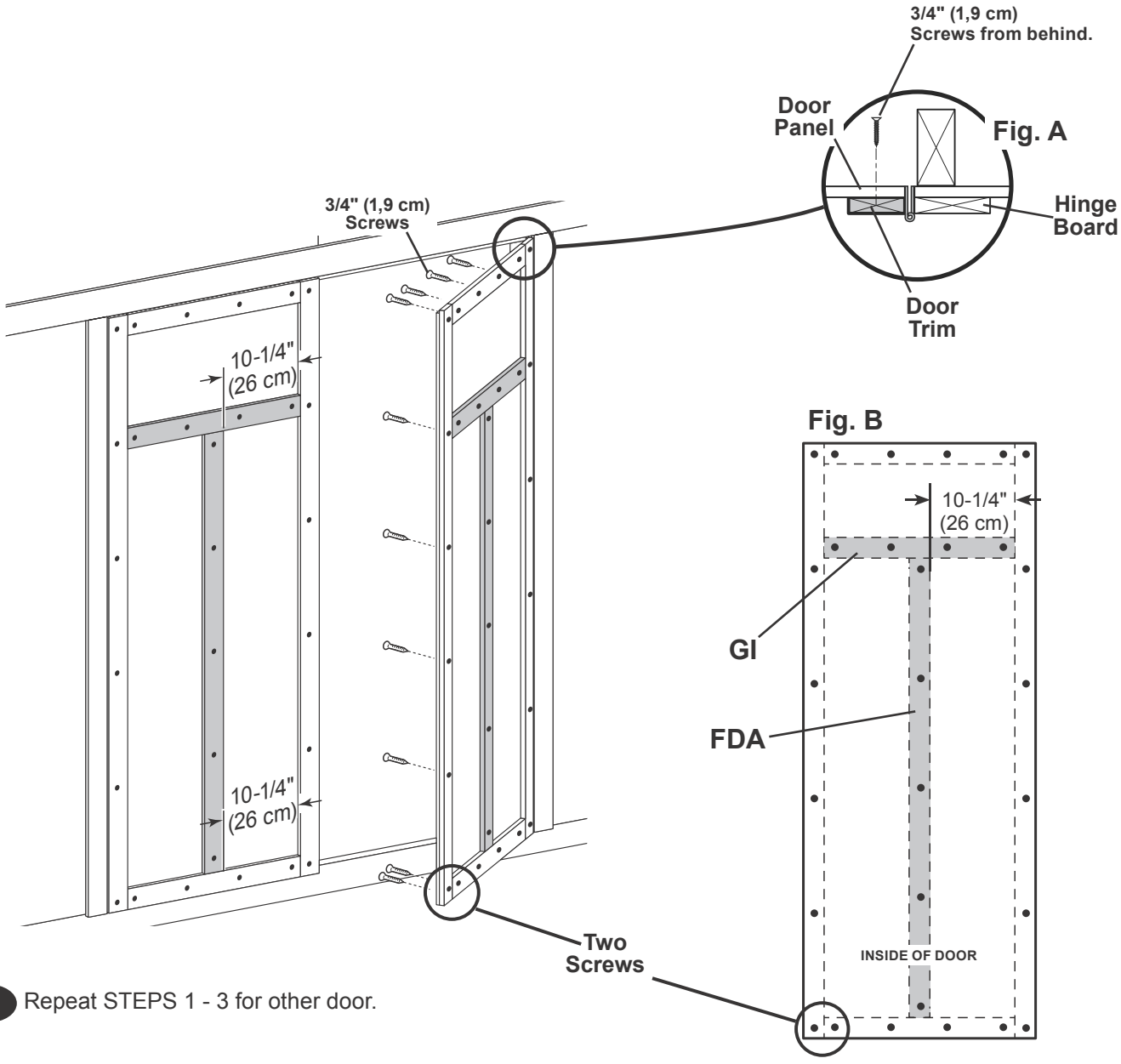


BEGIN

1 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.

2 Secure vertical door rail **FDA** with five 3/4" screws from behind to center of doors **(Fig. B)**. Use measurement shown.

3 Place top horizontal door rail **GI** on top of **FDA**. Secure **GI** with four 3/4" screws from behind to center of doors **(Fig. B)**. Ensure **GI** is level.



4 Repeat STEPS 1 - 3 for other door.

FINISH

5 You have finished securing your door trim.

DOOR WEATHERSTRIP

PARTS REQUIRED:

x2 **OO**
1-1/4 x 2-1/2 x 69" (3,2 x 7,6 x 175,3 cm)

x14
2" (5 cm)

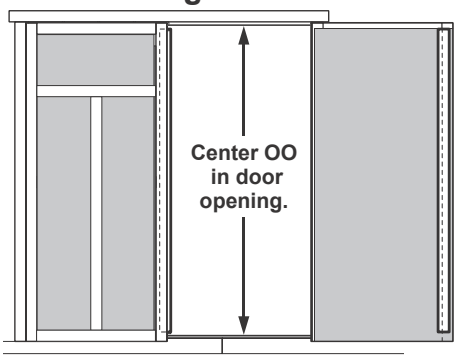
BEGIN

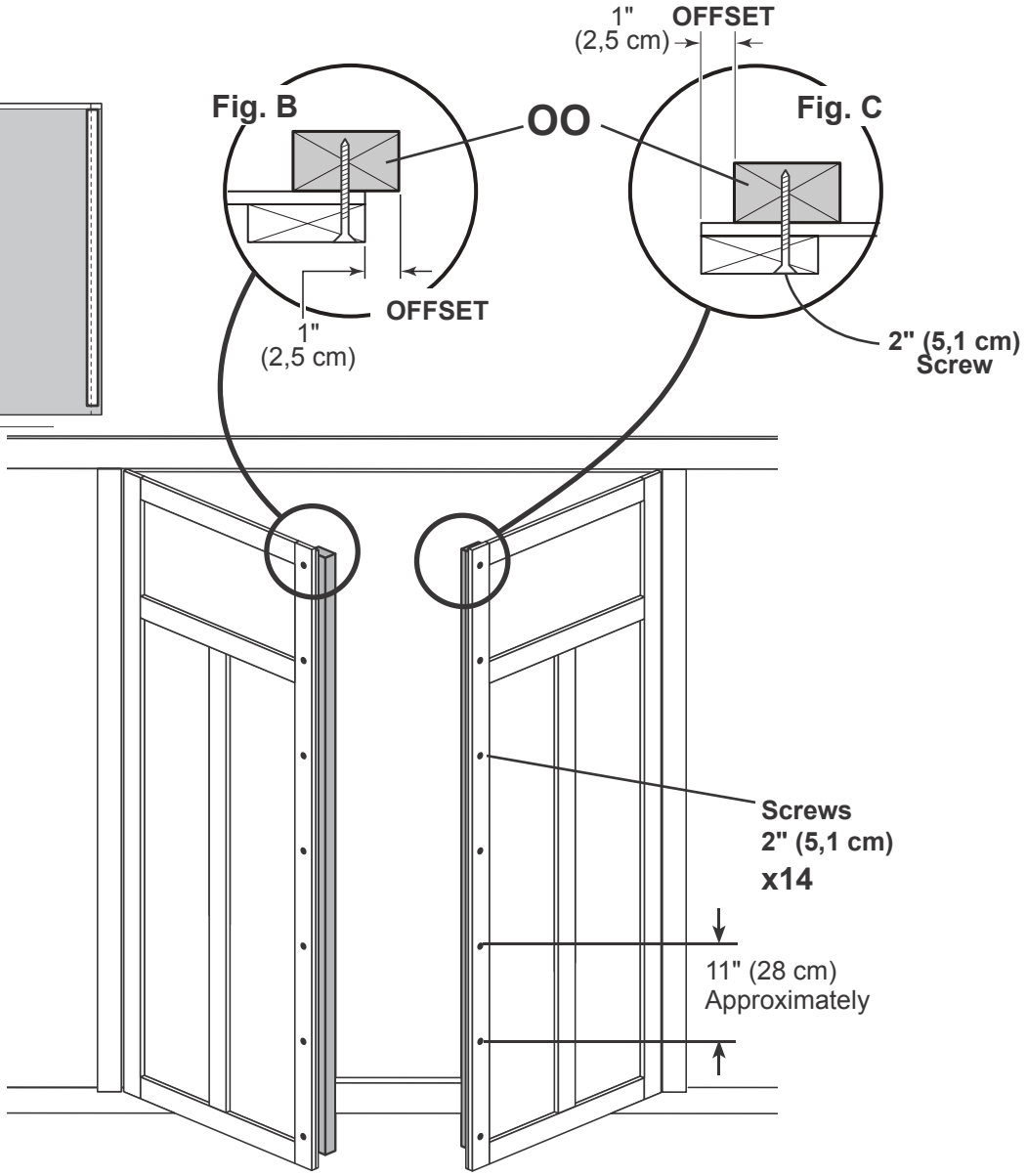
1. With left door closed, center a weatherstrip **OO** vertically on the left door in the door opening **(Fig. A**). **OO** will offset the left door 1" OUT past the door trim 1" **(Fig. B).**
2. Secure **OO** using seven 2" screws through outside trim into **OO (Fig. B)**
3. On right door center **OO**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

FINISH

5. You have finished installing your door weatherstrips.

Fig. A



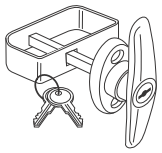


THRESHOLD / DOOR HARDWARE

PARTS REQUIRED:

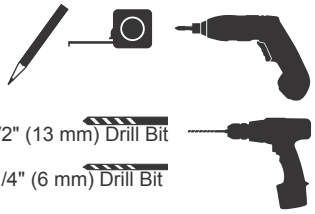
x11 3/4" (1,9 cm)
Bagged separately / special coating

x1 56" (142,2 cm) Metal Threshold



x1

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



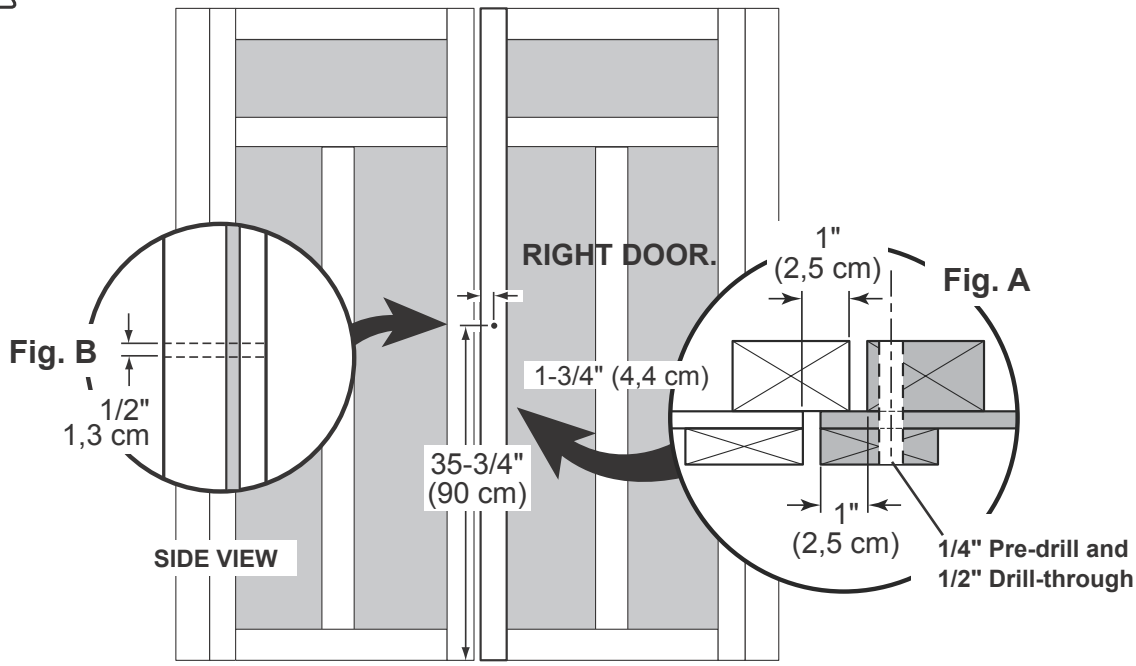
1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

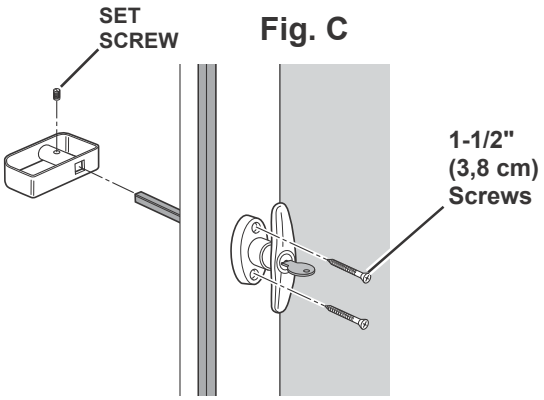
BEGIN

1. Measure and mark location of hole on outside of right door as shown **(Fig. A)**. Pre-drill hole with 1/4" drill.
2. Re-drill hole with 1/2" drill **(Fig. B)**.

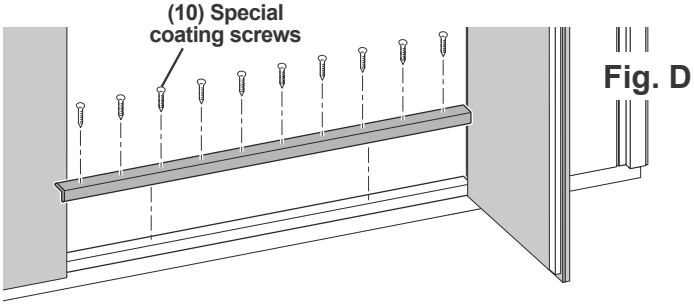
⚠ Keep drilled hole square to trim to avoid breaking edge of 1-1/4 " x 2-1/2" door stiffener.



3. Insert handle in hole and secure using 1-1/2" (3,8 cm) screws.
4. Attach inside handle and secure with set screw as shown.



5. Center metal threshold between doors and secure using eleven 3/4" special coating screws into floor as shown **(Fig, D)**.

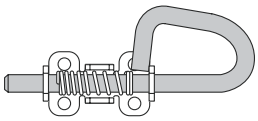


FINISH

6. You have finished installing your door hardware and metal threshold.

D-BOLTS

PARTS REQUIRED:

x2 

x8 
1" (2,5 cm)

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

BEGIN

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

   Mark and pre-drill holes for screws.

2. Install bolt with screws supplied and drill 5/16" hole for bolt to extend into.

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

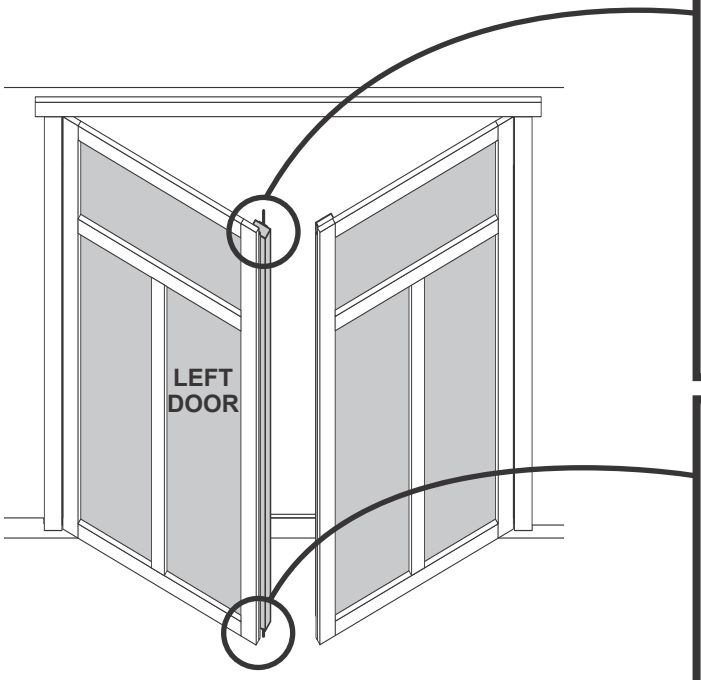
   Mark and pre-drill holes for screws.

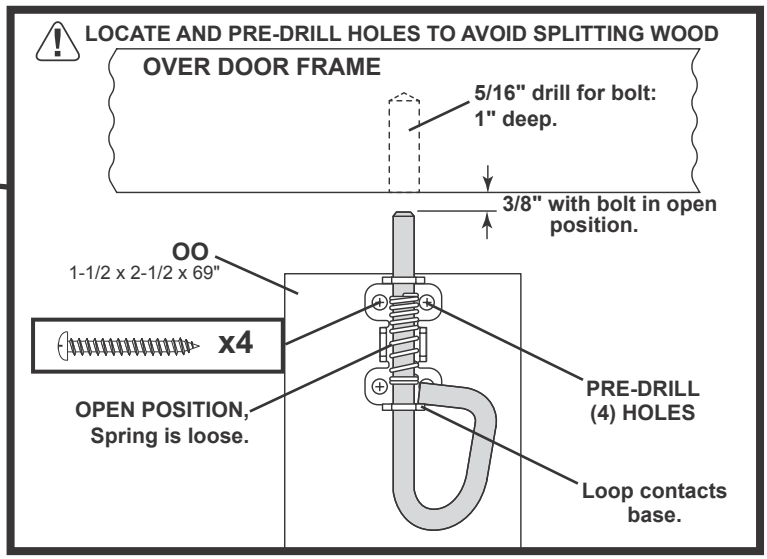
4. Install bolt with screws supplied and drill 5/16" hole for bolt to extend into.

Fig. A

FINISH

5. You have finished installing your D-bolts.





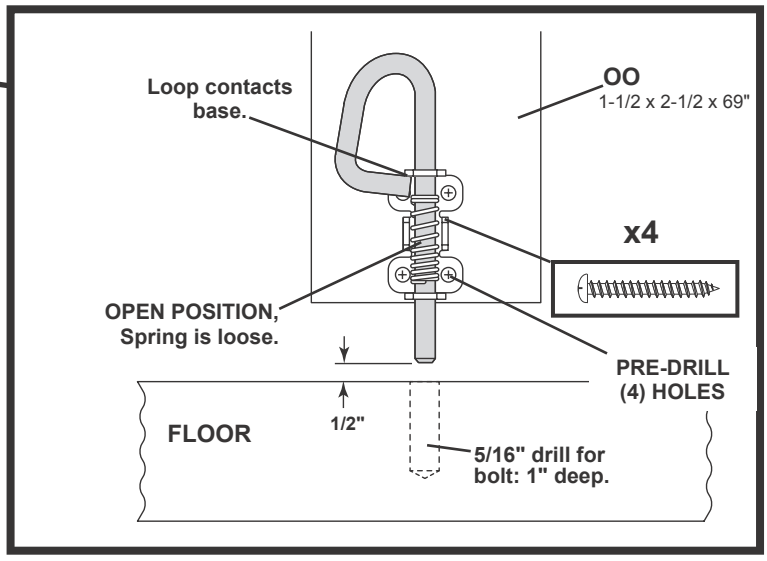
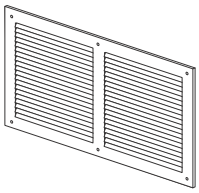


Fig. B

VENTS

PARTS REQUIRED:

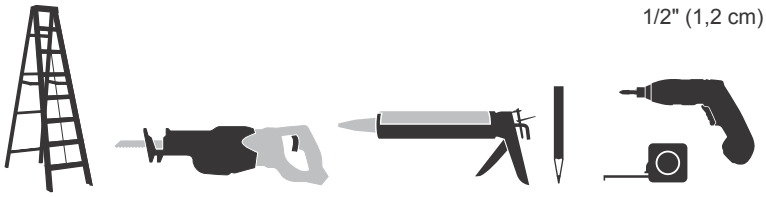
x2



8 x 16"
(20,3 x 35,6 cm)

x12

1/2" (1,2 cm)



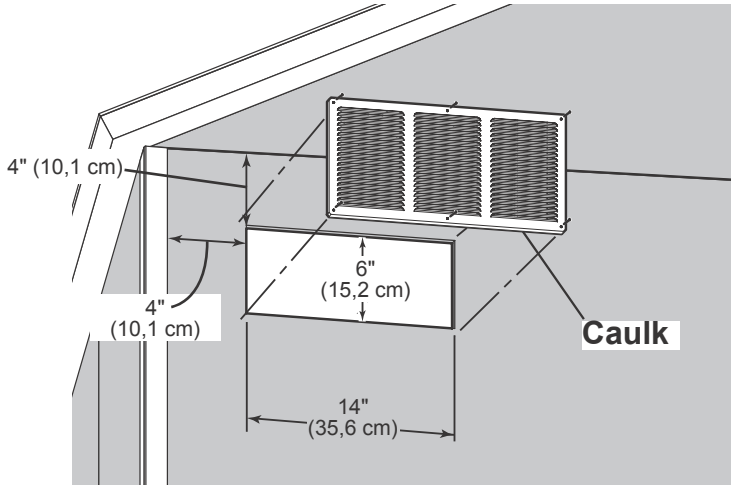
BEGIN

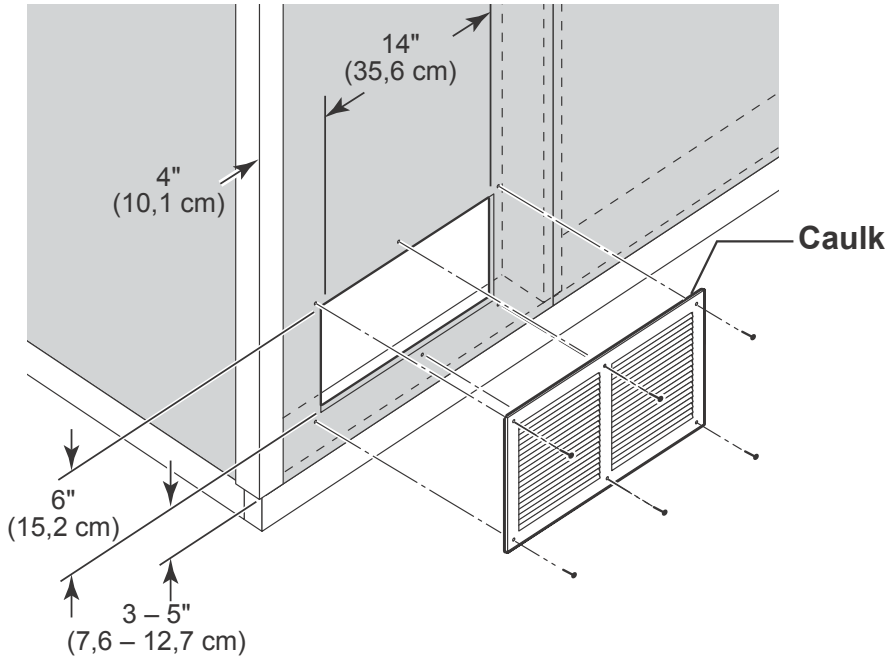
1 Locate and mark openings for two vents in side walls on opposite sides of shed; (1) at top of wall panel and (1) at bottom of the other wall.

2 Cut out marked openings.

3 Caulk behind vent flanges.

4 Secure using 3/4" (1,9 cm) screws.

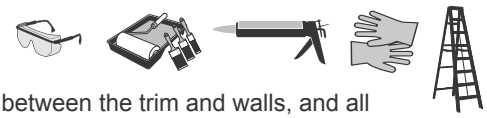




FINISH

5 You have finished installing your vents.

PAINT & CAULK
- NOT INCLUDED -



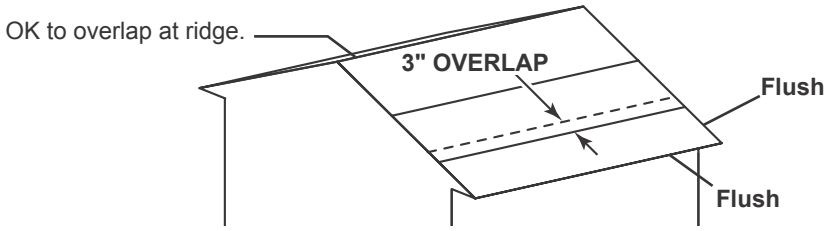
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.

- 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

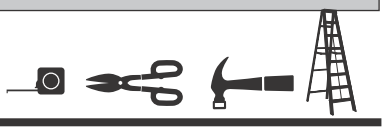
Note:
Prime all un-primed exterior wood before painting.
(Follow directions provided by manufacturer.)

ROOF FELT
- NOT INCLUDED -

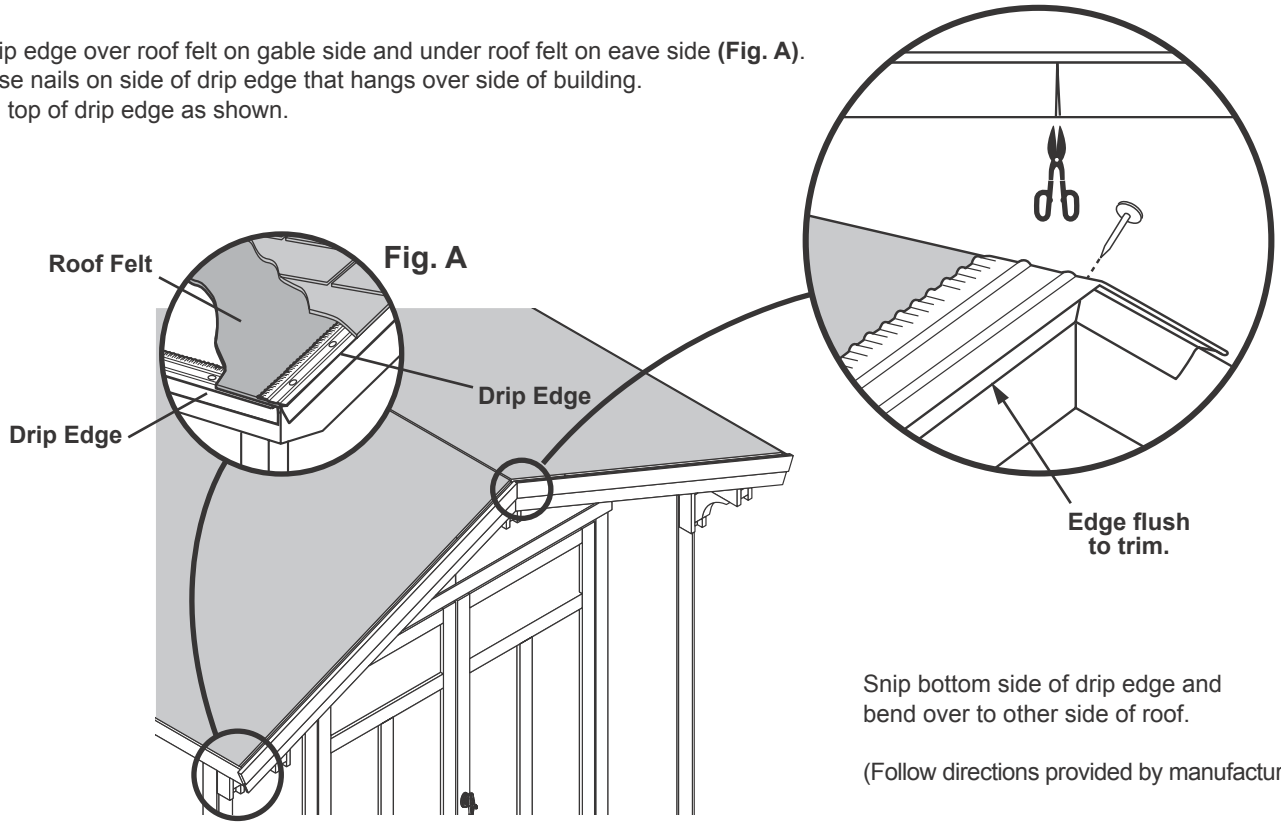
- Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.



DRIP EDGE
- NOT INCLUDED -



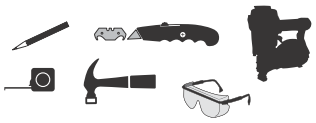
- Install drip edge over roof felt on gable side and under roof felt on eave side **(Fig. A)**.
- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.



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

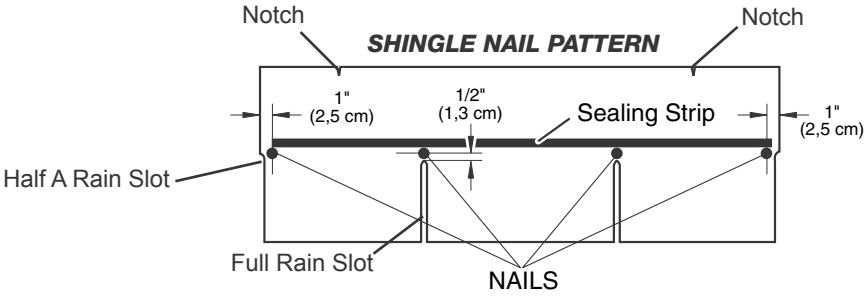
(Follow directions provided by manufacturer.)

SHINGLES
- NOT INCLUDED -



• Follow directions provided by manufacturer and these instructions.

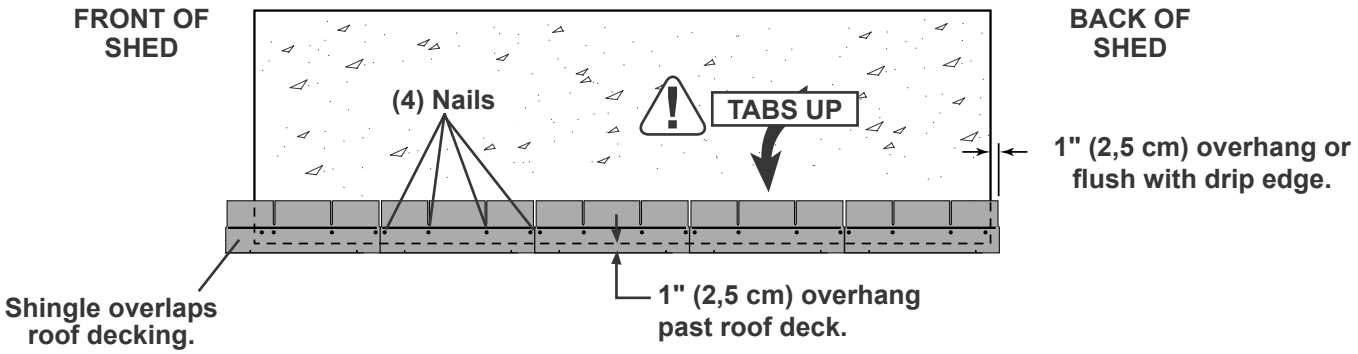
Familiarize yourself with a 3-Tab Shingle.



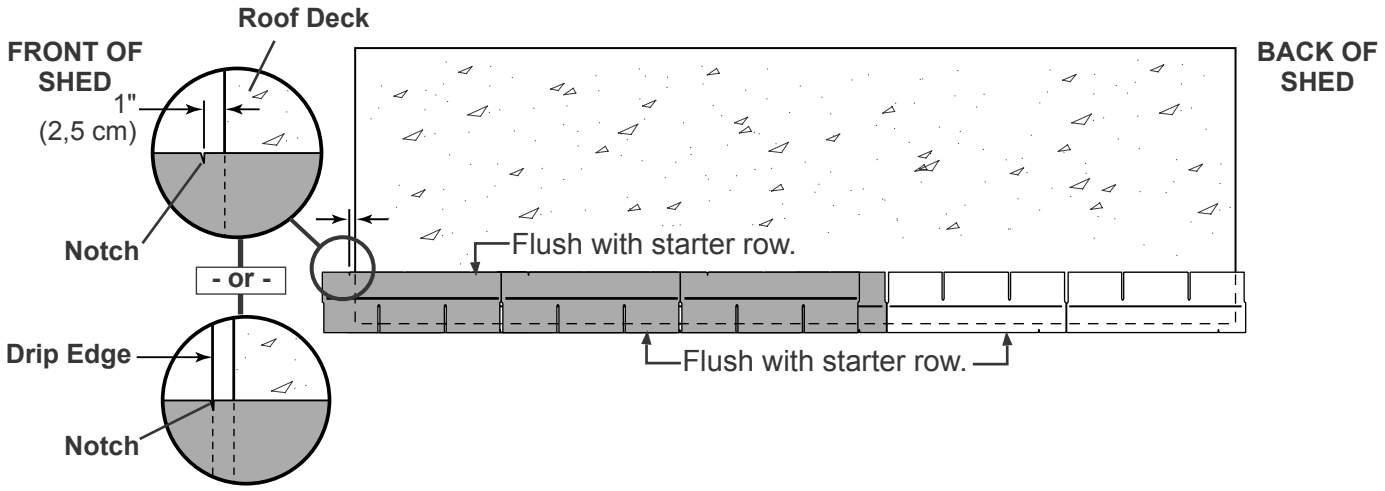
NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

BEGIN

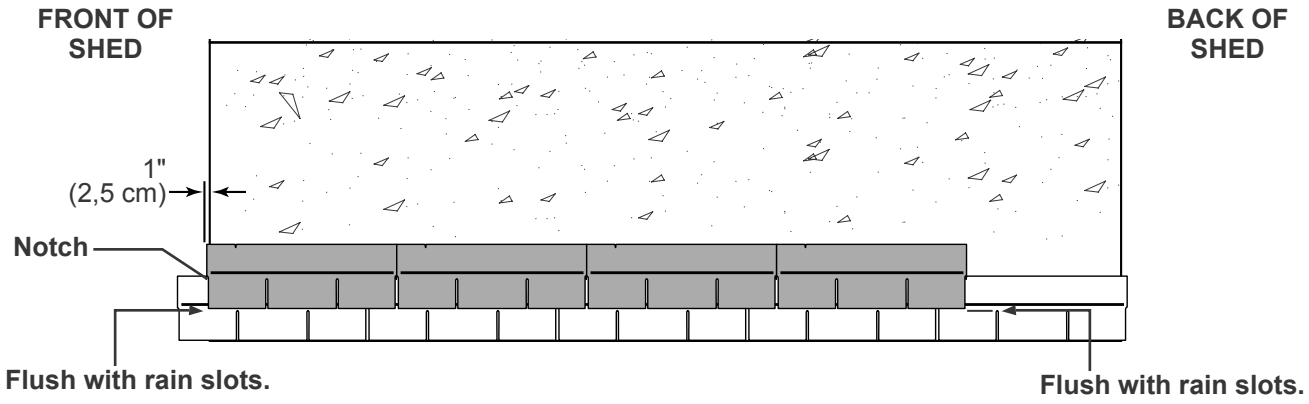
1 Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle.
Starter row must be straight and level all the way across with lower edge of roof deck.
NOTE: If you have installed drip edge install shingles flush to drip edge.



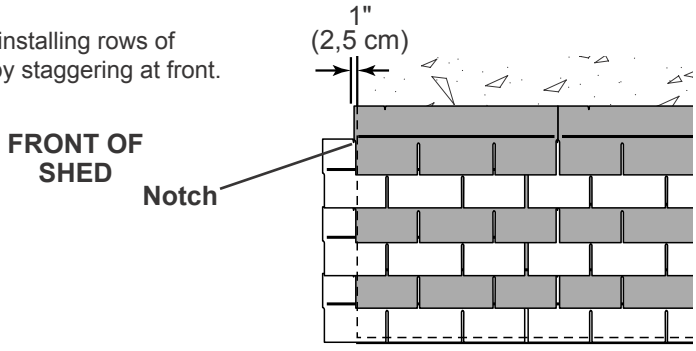
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



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.

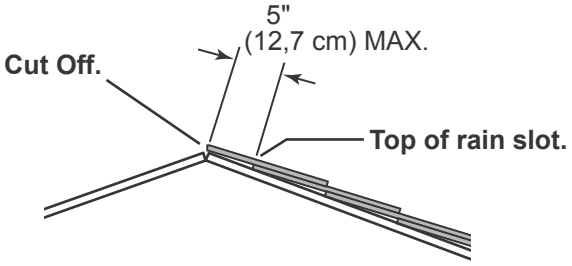


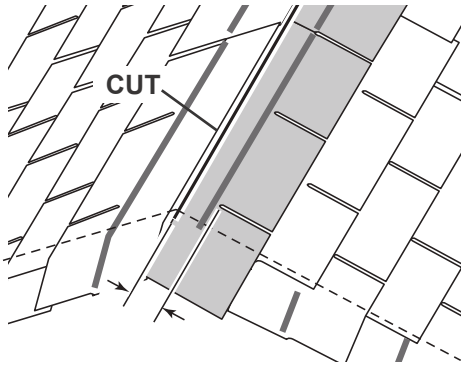
4 Continue installing rows of shingles by staggering at front.



SHINGLES
continued...

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



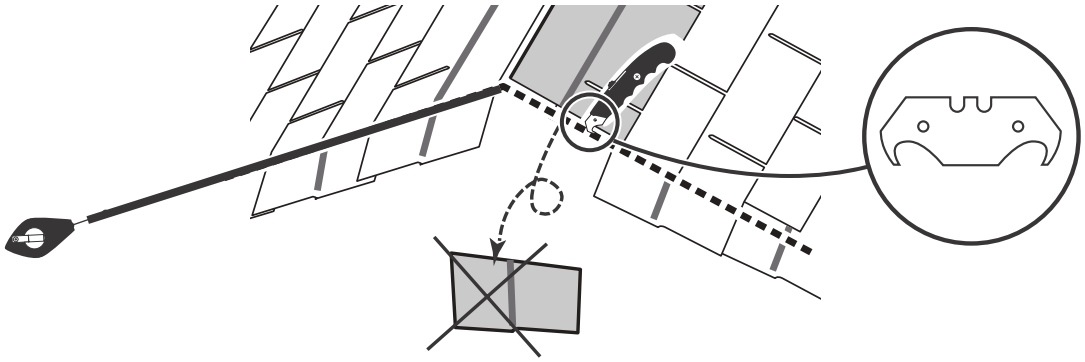


⚠ **• If more than 5" to rain slot you must install another row of shingles.**

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

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

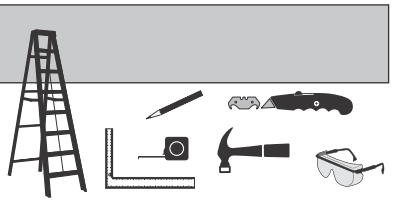
8 Using your shingle hooked blade carefully cut shingles along chalk line.



FINISH

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

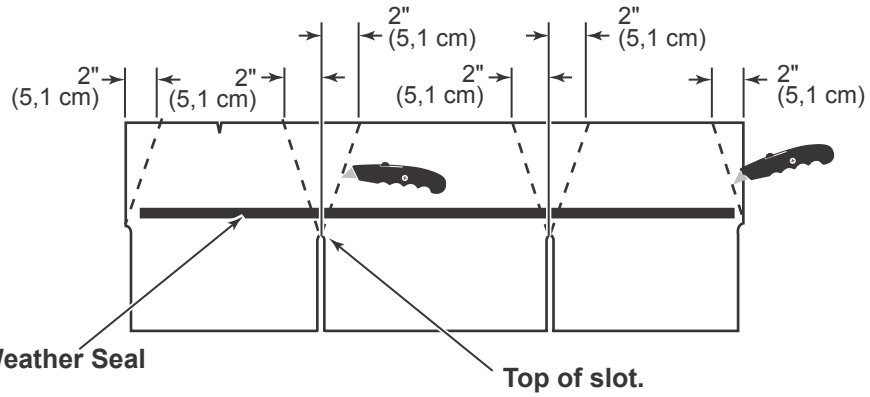
SHINGLES - RIDGE CAP



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

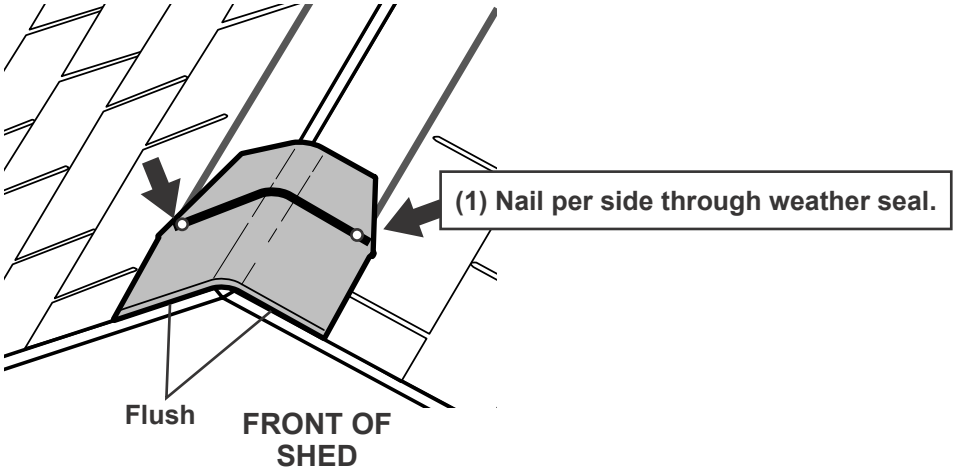
BEGIN

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

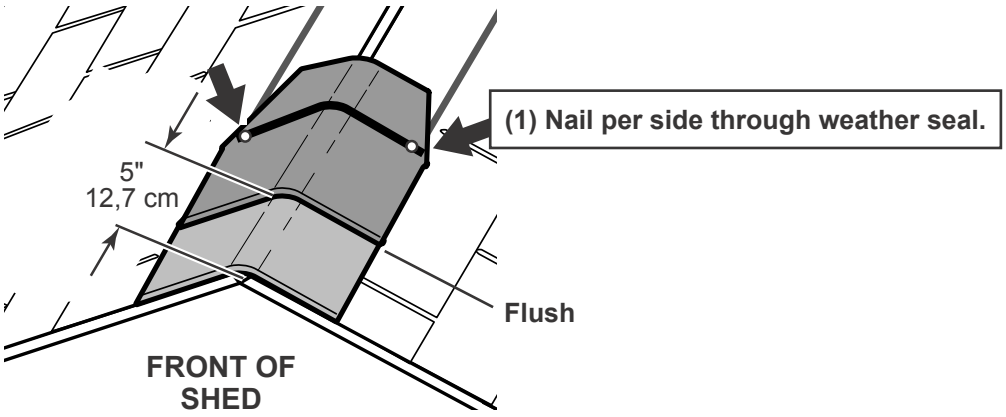


Note: • You will need about 28 - 30 cut pieces.

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

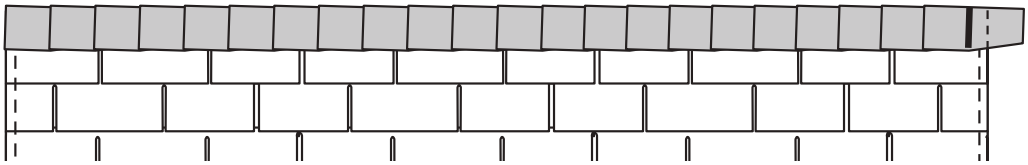


3 Install second ridge cap 5" back, as shown.

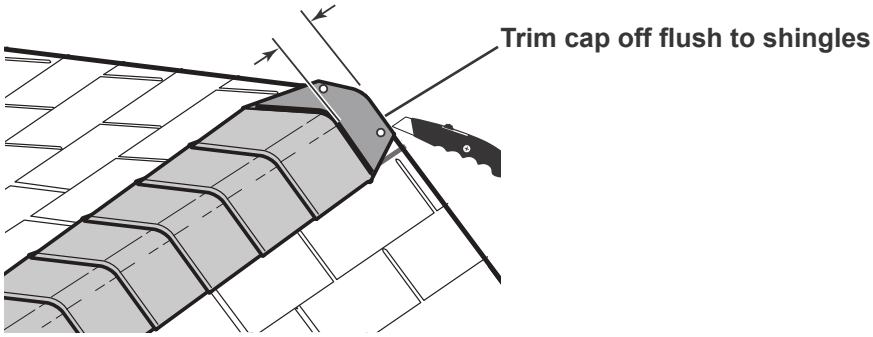


SHINGLES - RIDGE CAP
continued...

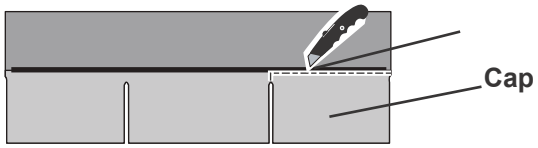
4 Continue installing ridge cap to back of roof.



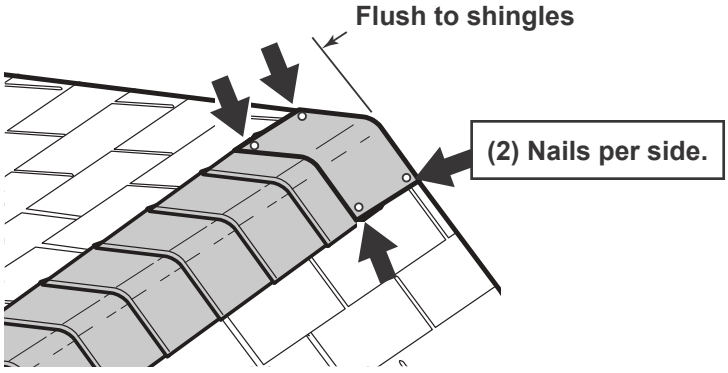
5 Make sure there is 4" between the shingle-color and edge of shingles.



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