16830-A

STOP

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If you discover missing or damaged parts,
or if you have questions about the building process,
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YardLine
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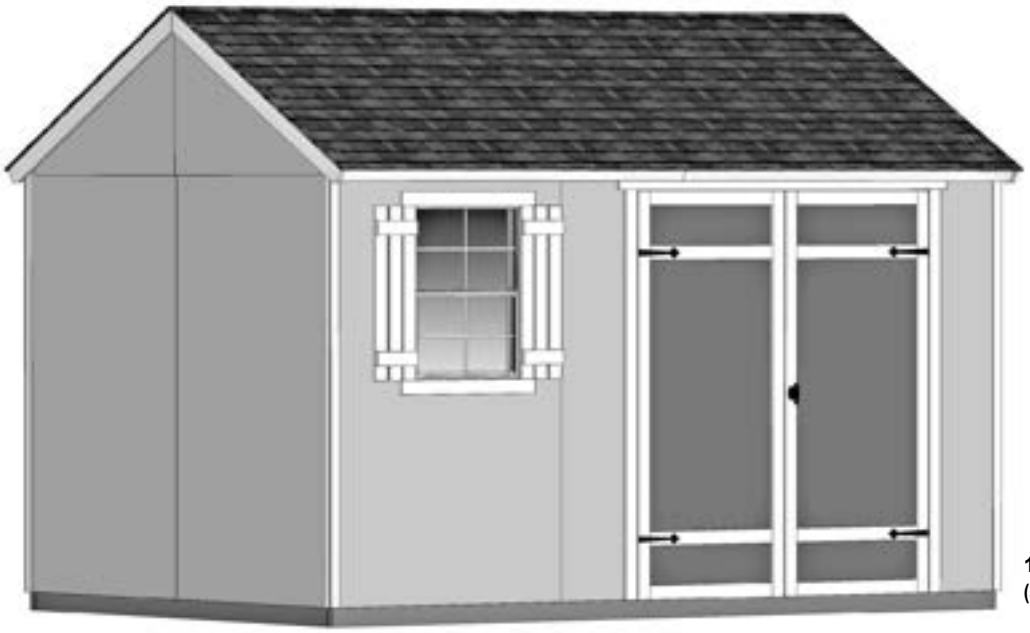
A Backyard Products Company

16830-A	10/10/2023

ASSEMBLY MANUAL

ABERDEEN 12' x 8' Wide Gable
144" x 96" (365,8 x 243,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



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

⚠ IMPORTANT! ⚠

READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

BEFORE YOU BEGIN

- **BUILDING RESTRICTIONS AND APPROVALS**
  Be sure to check local building department and homeowners association for specific restrictions and/ or requirements before building.
- **ENGINEERED DRAWINGS**
  Contact our Customer Service Team if engineered drawings are needed to pull local permits.
- **SURFACE PREPARATION**
  To ensure proper assembly you must build your shed on a level surface.
  Recommended methods and materials to level your shed are listed on page 7.
- **CHECK ALL PARTS**
  Inventory all parts listed on pages 4-6.
- **ADDITIONAL MATERIALS**
  You will need additional materials to complete your shed. See page 3 for required and optional materials and quantities.

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

- Order form and warranty at back of manual -

Call: 1-734-242-6900 email: customerservice@backyardproducts.com

TOOLS

Required

- ❑ Phillips Screwdriver
- ❑ Drill / Driver
  - ❑ 3/8" Drill Bit
  - ❑ #2 Philips Drive Bit
- ❑ Hammer
- ❑ Pencil
- ❑ Tape Measure
- ❑ Square or
- ❑ Level
- ❑ Chalk Line
- ❑ Utility Knife
  - ❑ Shingle Blades
- ❑ Caulk Gun
- ❑ Ladder
- ❑ Paint Tools

Optional

- ❑ Tool Belt/ Nail Pouch
- ❑ Safety Glasses
- ❑ Nail Gun
  - • Gun Nails
- ❑ Gloves
- ❑ Clamps

Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.

= Assistance Required; two or more people.

= Ensure squareness.

= Important required step or operation.

= Helpful assembly hint.

= Mark part with pencil.

BEGIN = Beginning of steps for assembly or installation.

FINISH = You have finished the assembly or installation.

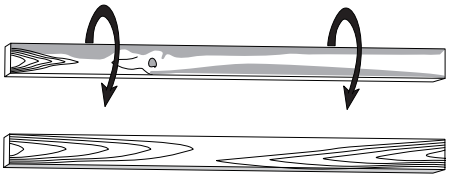
= Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

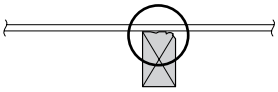
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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

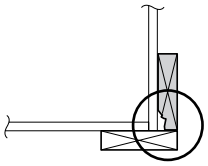
A



B



C



OPTIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

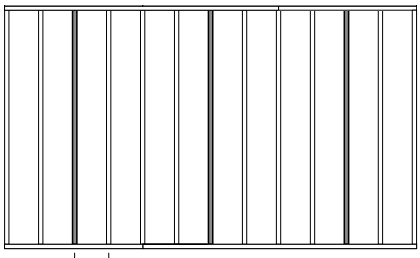
• See the FLOOR LEVELING section on page 7 for recommended methods and suggested materials to properly level your floor (not included), as this will vary depending on your specific site.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

☐ **x3** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) Treated Lumber
Cut lumber to 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)
Treated Lumber

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



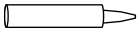
COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES.....6 Bundles**

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

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



☐ **DRIP EDGE ..... 50 Feet**

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

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

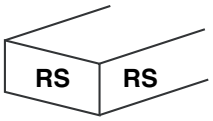
☐ **1" GALVANIZED ROOFING NAILS.....1/4 Lb**
For roofing felt.

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

REFER TO THE BACK OF THIS MANUAL AND THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SHINGLES, DRIP EDGE AND FELT.

PARTS IDENTIFICATION AND SIZES

Part identification is stamped on some parts.



• Check these locations for Part stamps

WOOD SIZE CONVERSION CHART

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

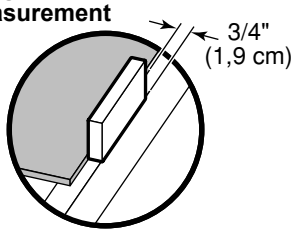
PARTS LIST

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

WALLS

- ☐ **x1** PU — 2 x 4 x 3-1/2" (5,1 x 10,2 x 8,9 cm)
- ☐ **x1** RB — 2 x 4 x 16" (5,1 x 10,2 x 40,6 cm)
- ☐ **x2** ARC — 2 x 3 x 22-1/4" (5,1 x 7,6 x 56,5 cm)
- ☐ **x2** AO — 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,2 cm)
- ☐ **x3** SP — 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
- ☐ **x2** VVC — 2 x 4 x 49-3/4" (5,1 x 10,2 x 126,4 cm)
- ☐ **x1** UX — 2 x 4 x 64" (5,1 x 10.2 x 162,6 cm)
- ☐ **x1** — 7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 169,5 cm) *OSB*
- ☐ **x2** AM — 2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
- ☐ **x2** YFA — 2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
- ☐ **x24** TM — 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- ☐ **x4** SZ — 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)
- ☐ **x3** TP — 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

☐ **x1** GAA — 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm)
Gauge Block for 3/4" (1,9 cm) measurement



ROOF

- ☐ **x12** GUSSET
- ☐ **x14** AA — 2 x 4 x 55-3/16" (5,1 x 10,2 x 140,2 cm)
- ☐ **x2** GUA — 1 x 3 x 60" (2,5 x 7,6 x 152,4 cm)

TRIM

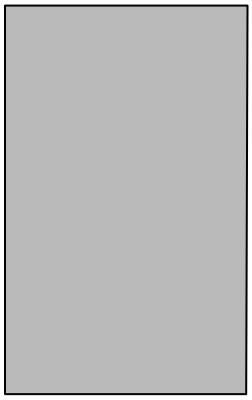
- ☐ **x4** DF — 19/32 x 2-1/2 x 8-1/2" (1,5 x 6,3 x 21,6 cm)
- ☐ **x2** DT — 19/32 x 2-1/2 x 28-1/8" (1,5 x 6,3 x 71,4 cm)
- ☐ **x6** AZ — 19/32 x 2-1/2 x 30-1/8" (1,5 x 6,3 x 76,5 cm)
- ☐ **x2** GFL — 19/32 x 3-1/2 x 60" (1,5 x 8,9 x 152,4 cm)
- ☐ **x2** GFR — 19/32 x 3-1/2 x 60" (1,5 x 8,9 x 152,4 cm)
- ☐ **x1** ZJ — 19/32 x 3 x 72" (1,5 x 7,6 x 182,9 cm)
- ☐ **x4** — 3/8 x 2-1/2 x 72-3/4" (1,0 x 6,3 x 184,8 cm)
- ☐ **x8** — 3/8 x 1-3/4 x 75-3/4" (1 x 4,4 x 192,4 cm)
- ☐ **x2** TP — 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

DOOR

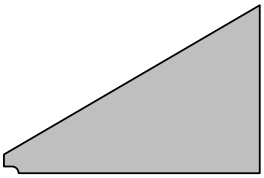
- ☐ **x4** AH — 19/32 x 2-1/2 x 26-5/8" (1,5 x 6,3 x 67,6 cm)
- ☐ **x2** OO — 69" (75,3 cm) Door Stiffener

WALL PANEL & DOOR PARTS LIST

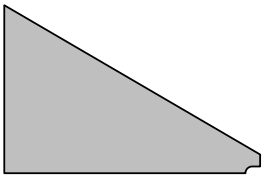
NOTE: Panel parts are not stamped with part identification.



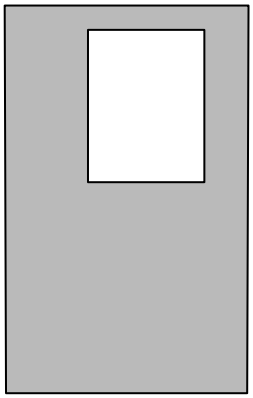
☐ **x7** 3/8 x 48 x 76"
(1 x 121,9 x 193 cm)



☐ **x2**

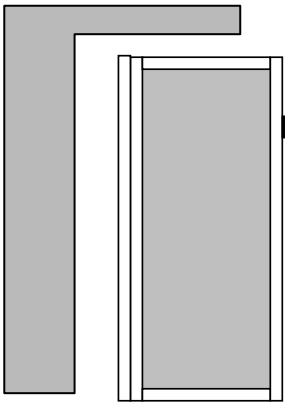


☐ **x2**



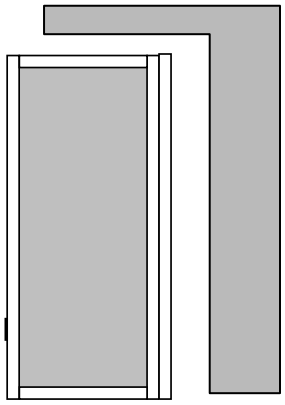
☐ **x1**
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)

☐ **x1**



☐ **x1**
LEFT DOOR

☐ **x1**

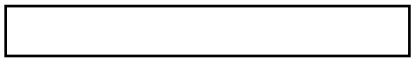


☐ **x1**
RIGHT DOOR

ROOF PANELS

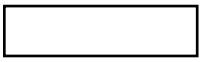
Roof panels are 7/16" (1,1 cm) thick.

☐ **x2**



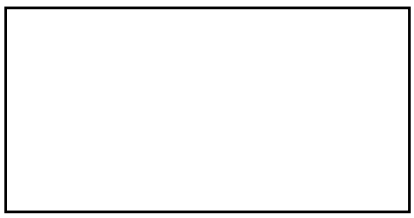
7/16 x 10-3/4" x 96"
(1,1 x 27,3 x 243,8 cm)

☐ **x2**



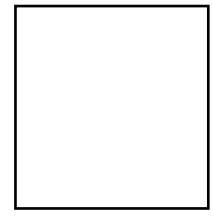
7/16 x 10-3/4" x 48"
(1,1 x 27,3 x 121,9 cm)

☐ **x2**



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

☐ **x2**



7/16 x 47-7/8 x 48"
(1,1 x121,6 x 121,9 cm)

SHELF AND LOFT

Loft and shelf panels are 7/16" (1,1 cm) thick.

☐ **x1**

7/16 x 11-3/4 x 96" (1,1 x 28,9 x 243,8 cm)

☐ **x1** **PT**

2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)

☐ **x1** **KP**

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

☐ **x1** **TP**

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

☐ **x1**

7/16 x 20-7/8 x 88-5/8" (1,1 x 53 x 225,1 cm)

☐ **x5**

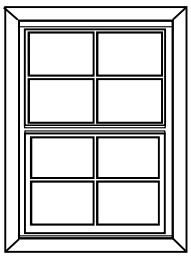
3/8 x 8 x 12-1/2" (1 x 20,3 x 31,8 cm)

☐ **x5** **AE**

2 x 3 x10-1/8" (5,1 x 7,6 x 25,7 cm)

ACCESSORIES & DOOR HARDWARE

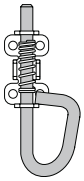
WINDOW



☐ **x1**

SPRING BOLT

☐ **x2**

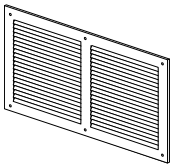


☐ **x8**

3/4" (1,9 cm)

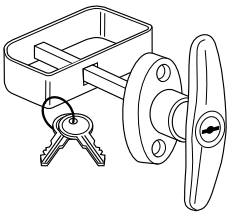
VENT

☐ **x2**

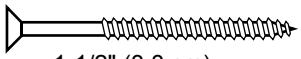


T-HANDLE

☐ **x1**



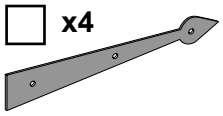
☐ **x2**



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

FAUX HINGE

☐ **x4**

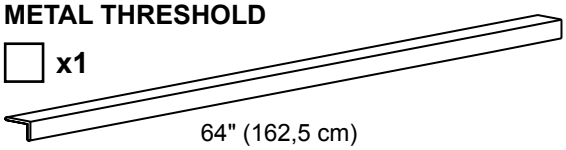


☐ **x12**

3/4" (1,9 cm)

METAL THRESHOLD

☐ **x1**



64" (162,5 cm)

☐ **x11**

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

FASTENER/HARDWARE BAG

☐ **x 145** 1-1/2" (3,8 cm)

☐ **x 165** 2" (5,0 cm)

☐ **x 75** 3" (7,6 cm)

☐ **x 25** 2" (5,0 cm)

☐ **x 90** 1-1/4" (3,2)

☐ **x 12** 1/2" (1,3 cm)

☐ **x 71** 3/4" (1,9 cm)

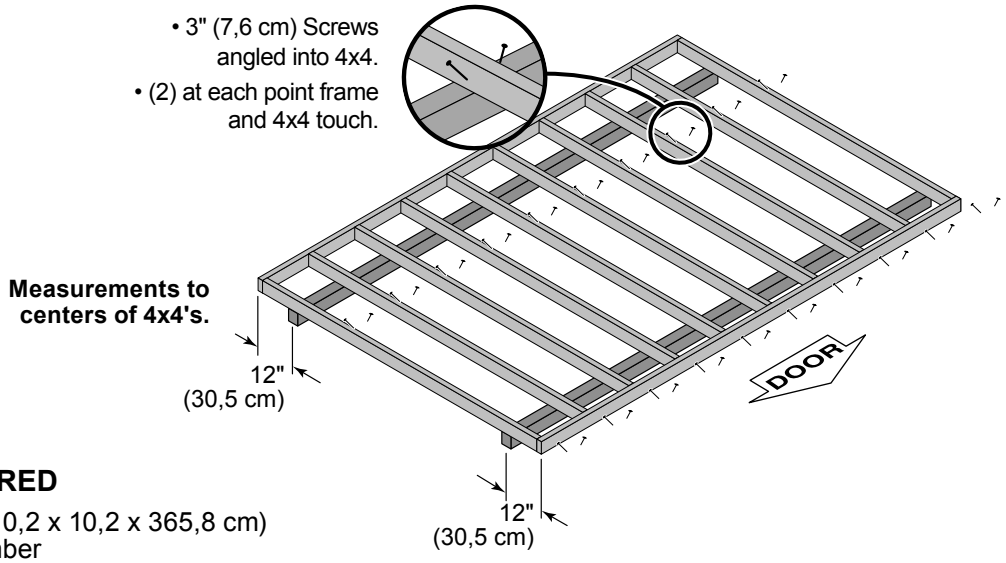
☐ **x12** 1" (2,5 cm)

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

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



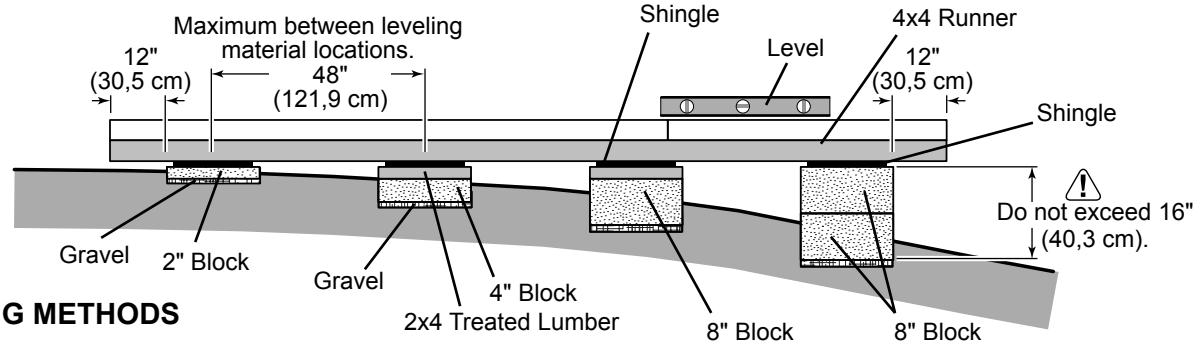
MATERIAL REQUIRED

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

☐ **Fasteners for Frame to 4x4.**
(3" (7,6 cm) Screws shown as one option.) Minimum (40) 3" (7,6 cm) screws / exterior grade.

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

⚠ **Always support frame seams.**



LEVELING METHODS

- Level under 4x4 runners only.
- Locate leveling material 12" (30,5 cm) from ends of runners and no more than 48" (121,9 cm) apart.
- Asphalt shingles should be used between 4x4 runners and blocks or treated lumber. Never use shingles in direct contact with ground.
- For best results and aiding in water drainage use gravel under each concrete block.

LEVELING MATERIALS

☐ Gravel

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

☐ 2x4 Treated Lumber

☐ Asphalt Shingles

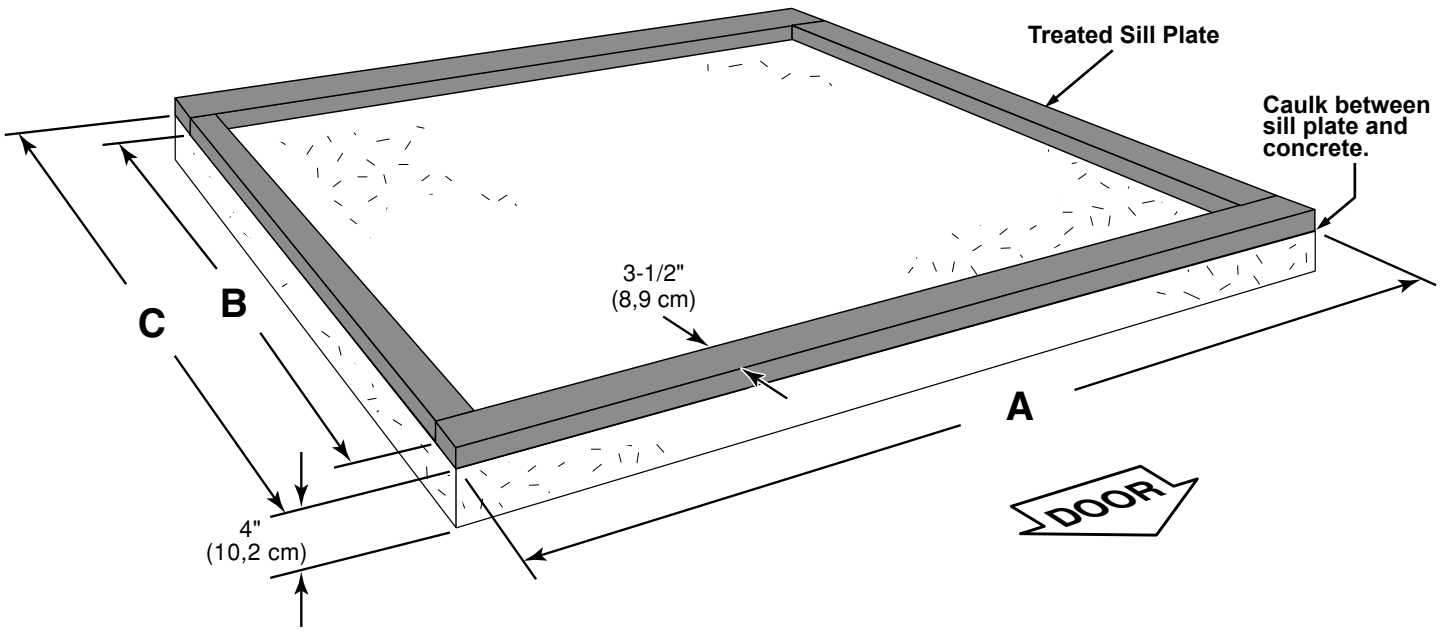
⚠ **Leveling higher than 16" (40,3 cm) not recommended.**

CONCRETE

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

CONCRETE FOUNDATION

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



Building Size	Actual Size	A	B	C
12' x 8' (365,8 x 243,8 cm)	144" x 96" (365,8 x 243,8 cm)	144 " (365,8 cm)	89" (226,1 cm)	96" (243,8 cm)

Requires:

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

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

- A treated 2 x 4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete. **Hint: Purchase full length treated lumber.**
- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten 2 x 4 (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors **(fasteners not included)**.
- Check local code for concrete foundation requirements.

NOTES

FLOOR FRAME

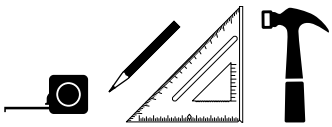
PARTS REQUIRED:

x10 TREATED
2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

x2 TREATED
2 x 4 x 144" (5,1 x 10,2 x 265,8 cm)

Look for **TREATED** Stamp

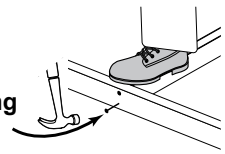
x40
3" (7,6 cm)

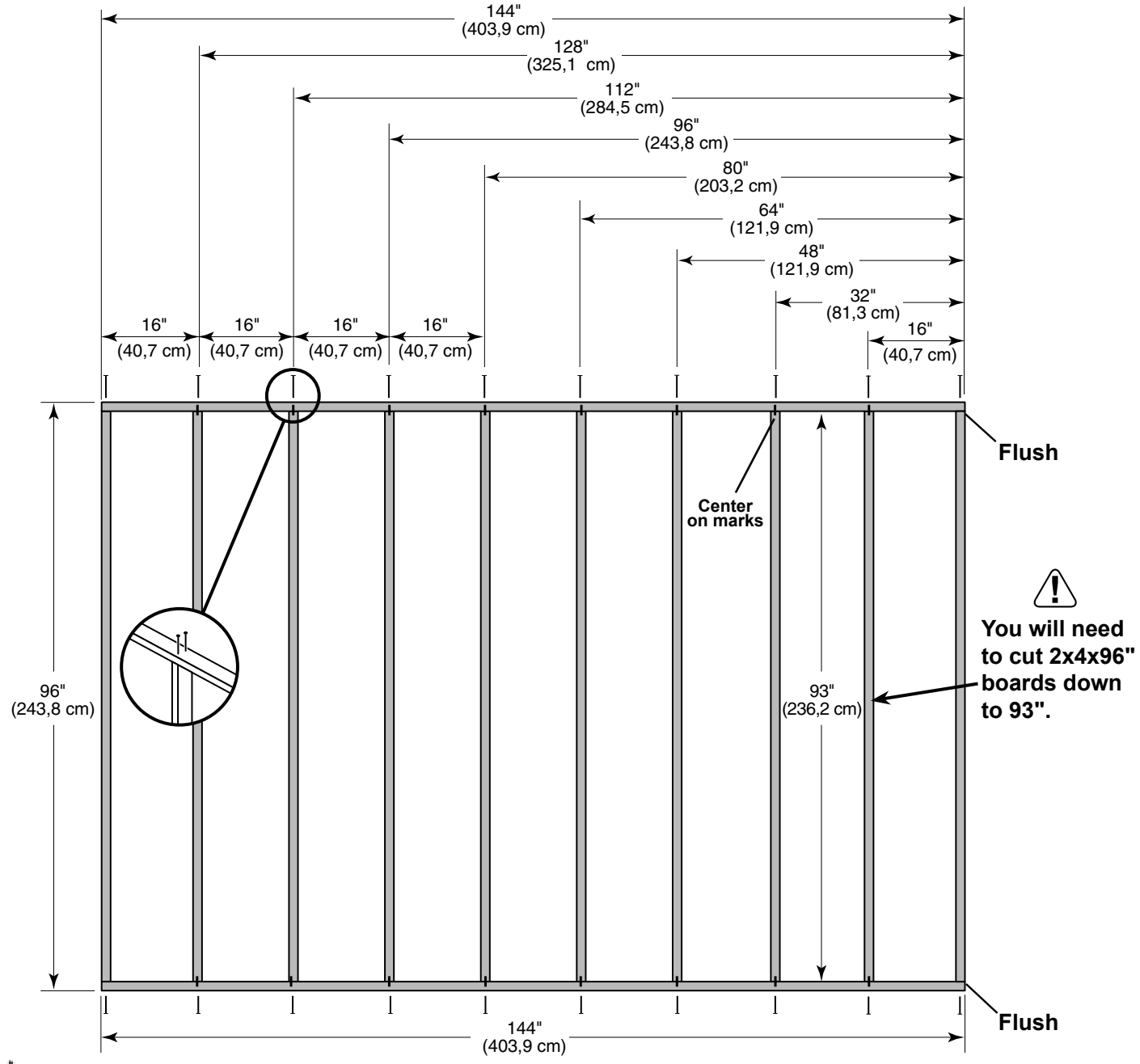


BEGIN

1 Arrange parts as shown on flat surface. Measure and mark.
Secure with (2) 3" nails at each connection.

HINT:
For easier nailing stand on frame.





FINISH

You have finished your floor frame. Proceed to level and square frame.

FLOOR FRAME

⚠ LEVEL AND SQUARE FLOOR FRAME ⚠

STOP!

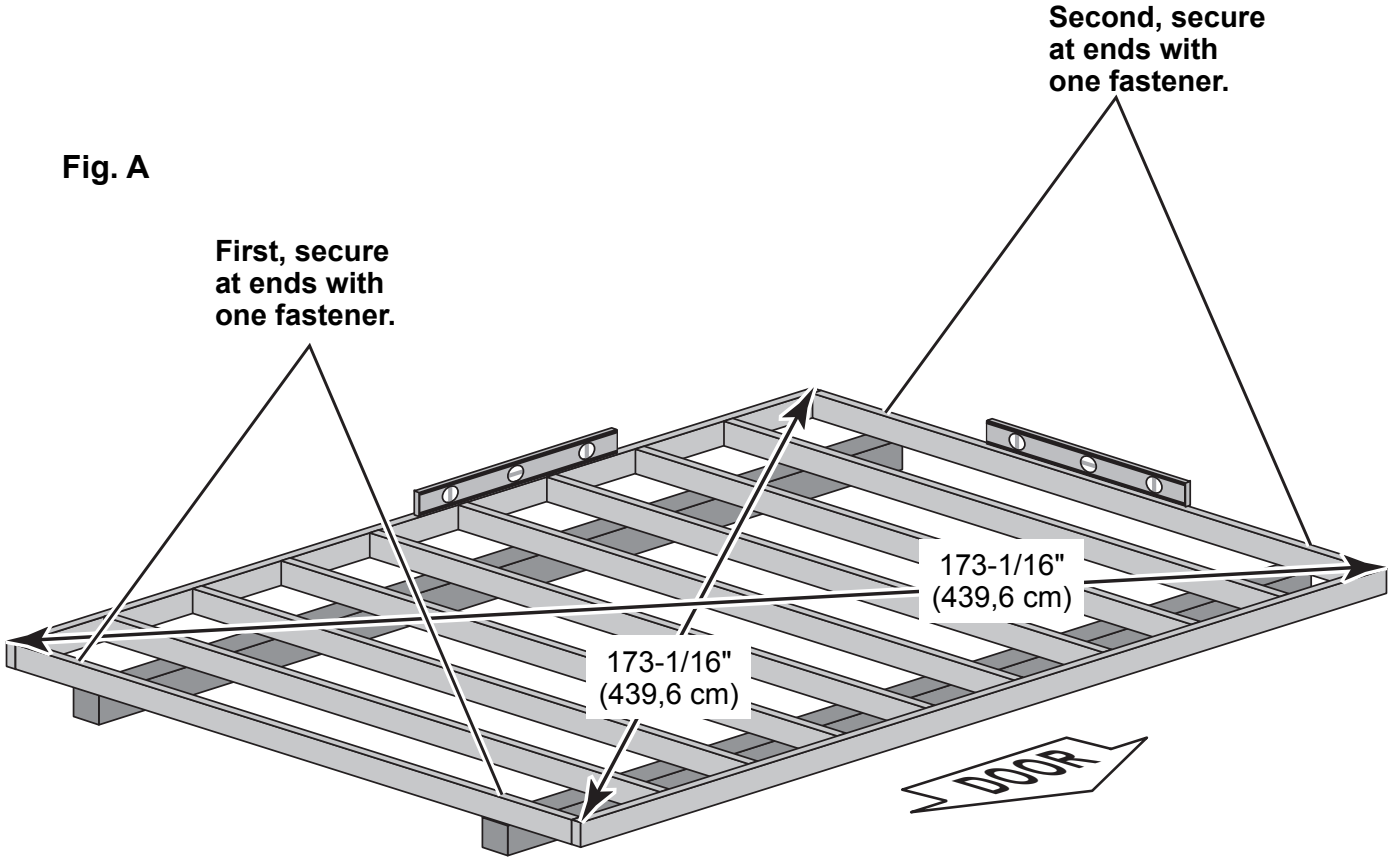
Before attaching floor decking, it is important to level and square the floor frame.
A level and square floor frame is required to correctly construct your shed.

STOP!

BEGIN

1. ⚠ See page 7 for the preferred floor leveling method.
2. Use level and check the frame is level before applying floor panels.
3. Check for frame squareness by measuring diagonally across corners. If the measurements are the same, the frame is square. The diagonal measurement will be approximately 173-1/16" (439,6 cm).
4. When the frame is level and square secure one side of frame to the 4x4 runners with (1) fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square **(Fig. A)**.

Fig. A



FINISH

Your floor frame is secured to 4x4 runners and is now square.

FLOOR PANELS

PARTS REQUIRED:

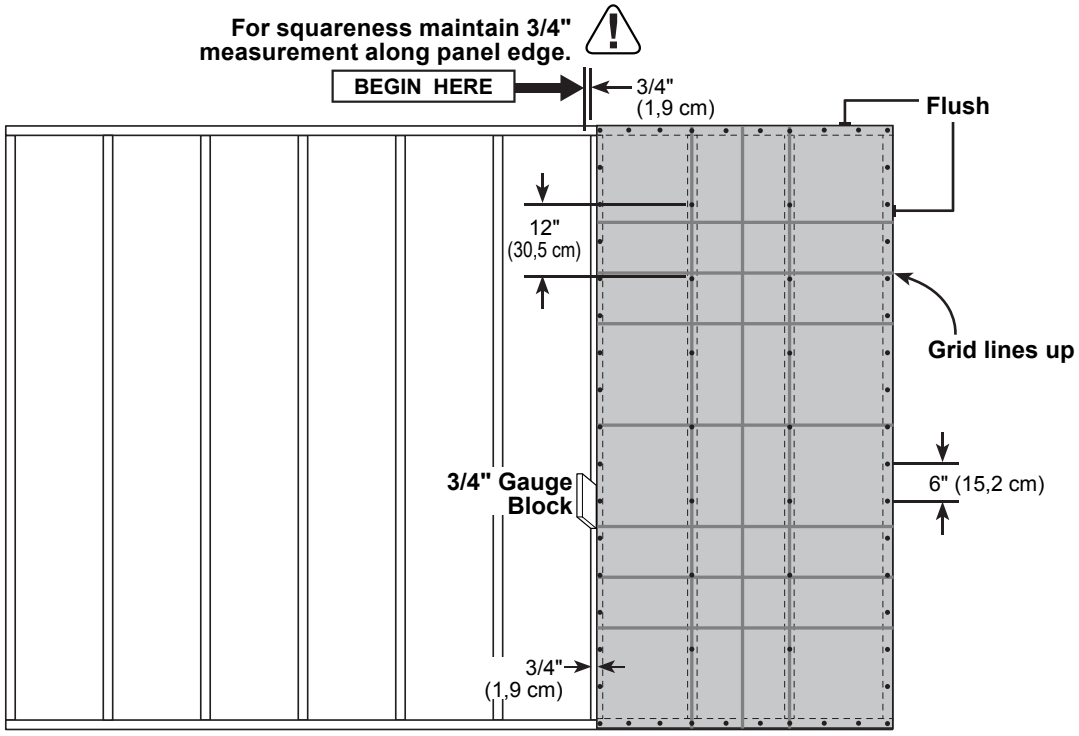
x3 5/8 x 48 x 96" (1,6 x 121,9 x 243,8 cm)

GAA
3/4" GAUGE BLOCK

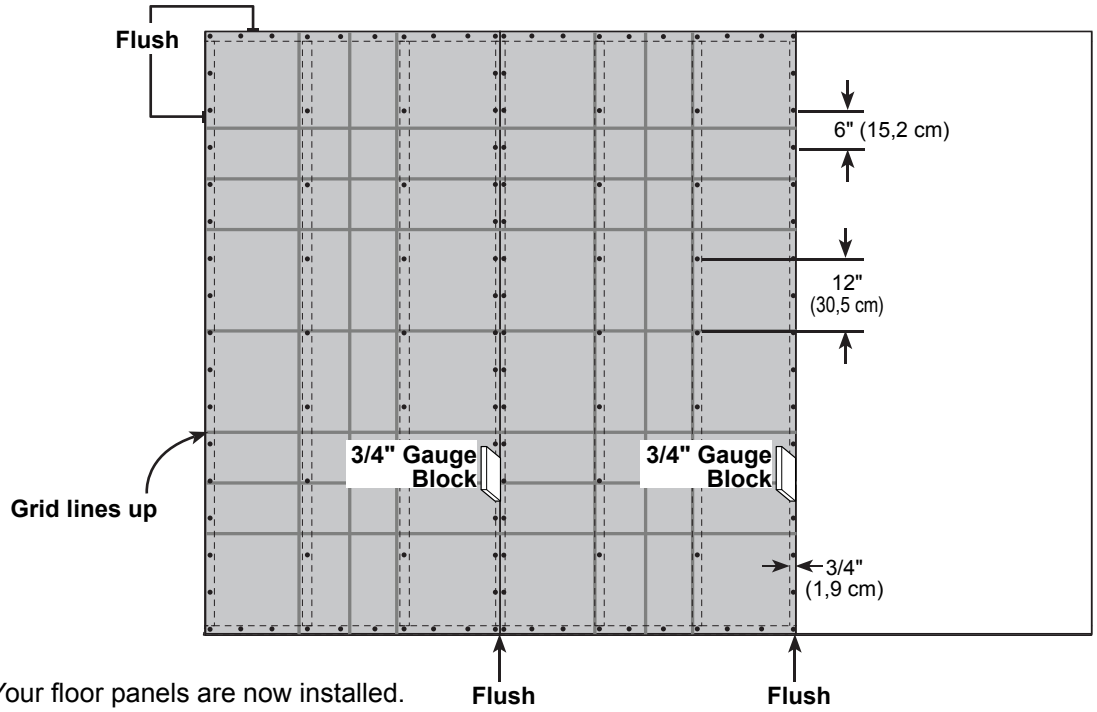
x186 2" (5,1 cm)

BEGIN

1 Install (1) **48"x 96"** panel on frame with the rough side up (painted grid lines), flush at edges.
Use **GAA** as a gauge block to maintain the 3/4" measurement on the floor joist.
Secure the panel with 2" nails 6" apart on edges and 12" apart inside panel.



2 Continue installing 2 more **48"x 96"** panels as in step 1. Install middle panel first.
Secure panels with 2" nails 6" apart on edges and 12" apart inside panels.



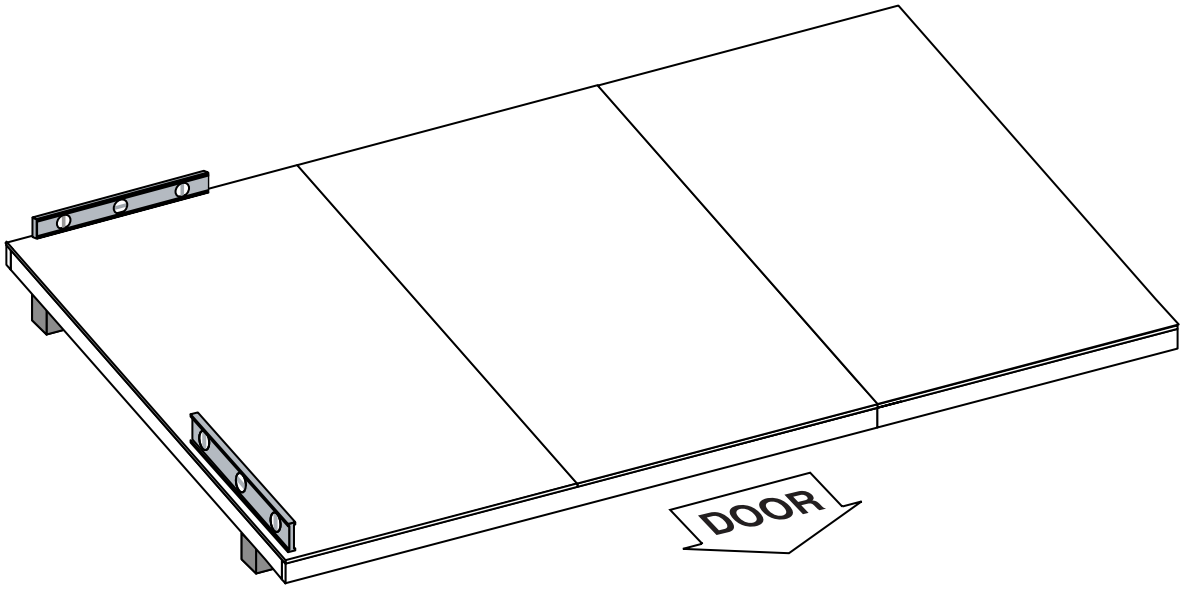
FINISH

Your floor panels are now installed.

IMPORTANT!

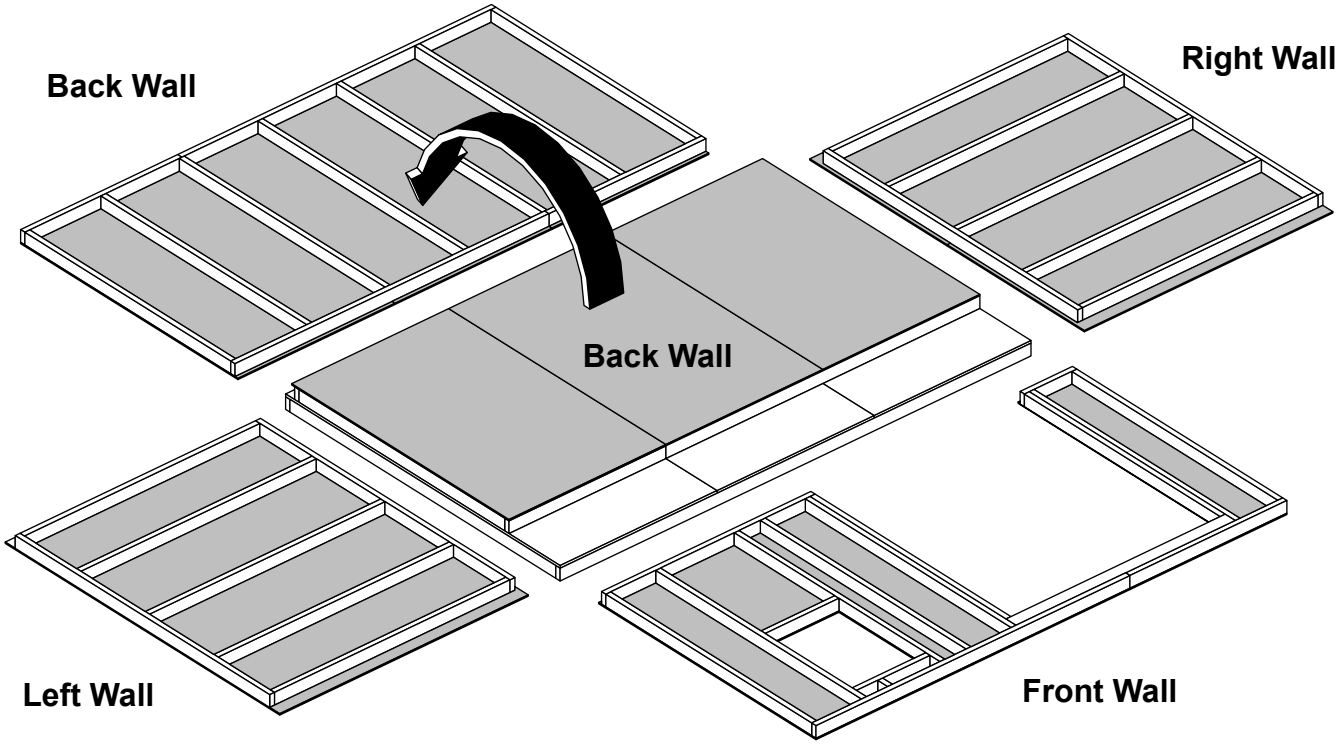
STOP!

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



HINT:

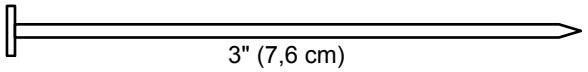
- **The floor should be used as a level work surface for wall construction.**
- **Organize your wall sections during sub-assembly to avoid over-handling of the walls.**



BACK WALL FRAME

PARTS REQUIRED:

x32



3" (7,6 cm)

x2 **SP**

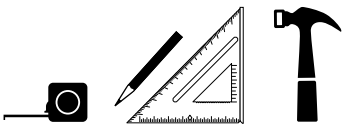
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x7 **TM**

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

x2 **TP**

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

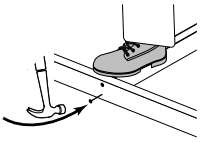


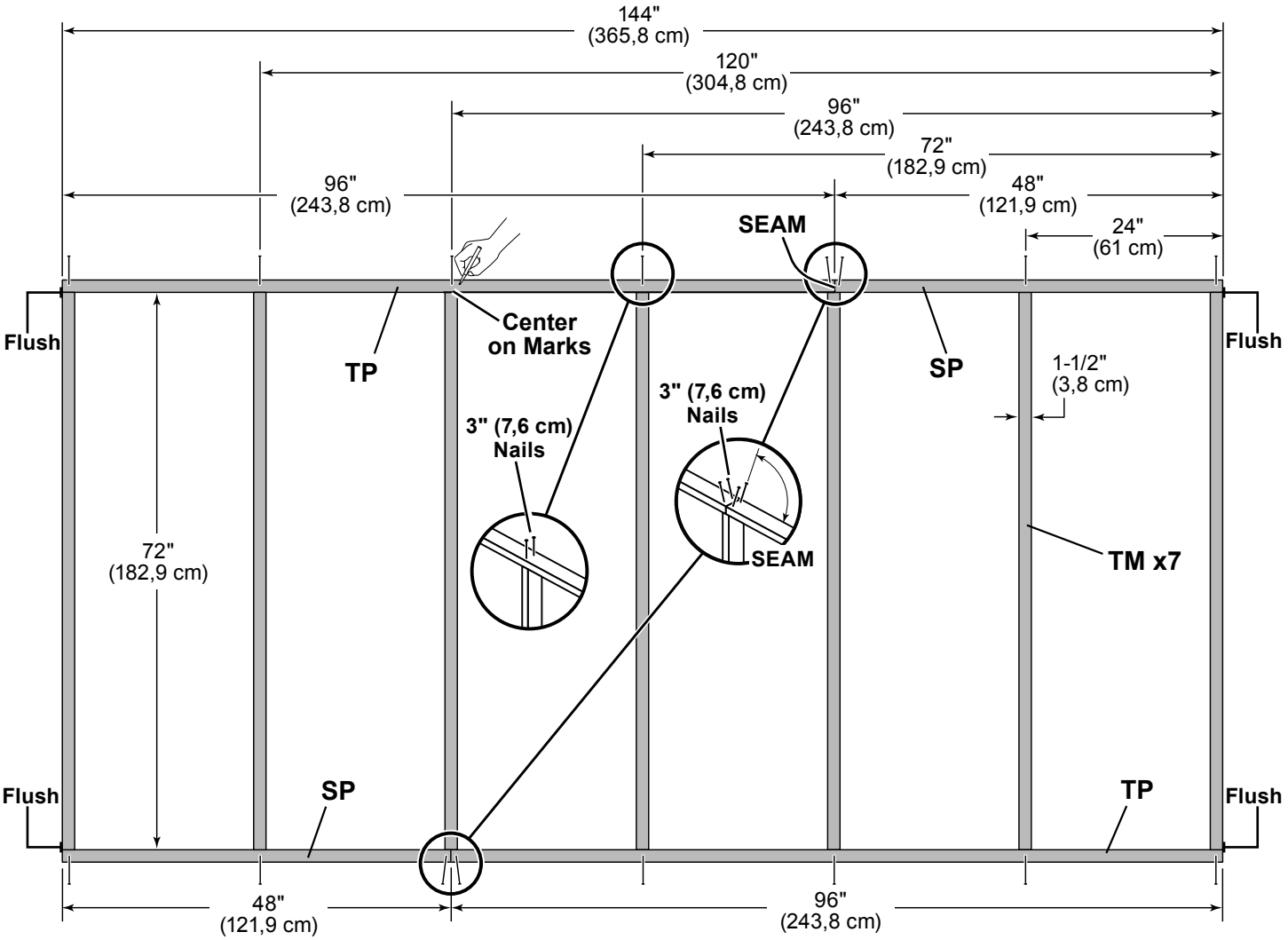
BEGIN

1

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

HINT:
For easier nailing stand on frame.





BACK WALL

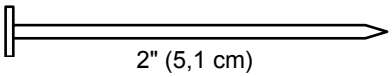
PARTS REQUIRED:

x1

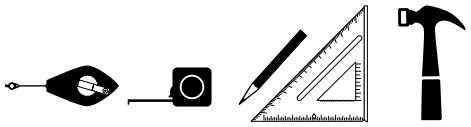
3/8 x 48 x 76" (1 x 121,9 x 193 cm)

3/4" GAUGE BLOCK

x45



2" (5,1 cm)



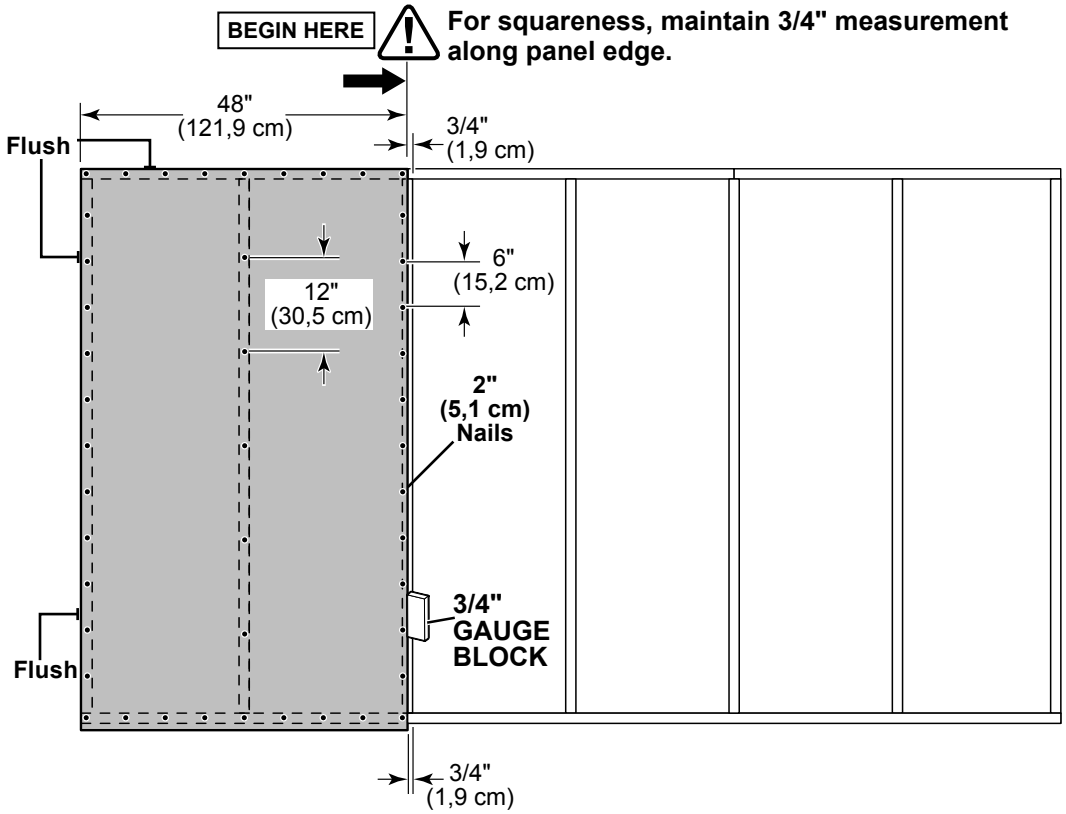
Install all panels with the primed side facing up.

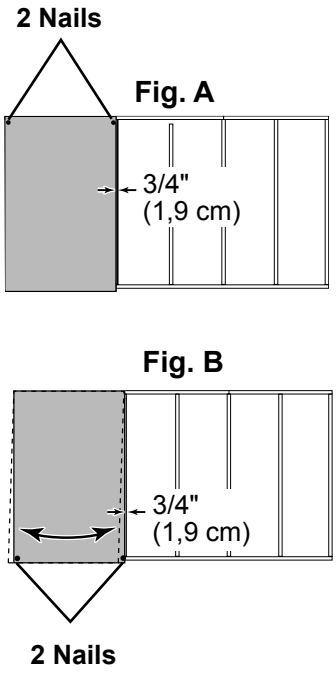
Ensure your wall frame is square by installing one panel and squaring frame.

2 Install first **48" x 76"** panel onto wall frame as shown.
Use the **GAA** gauge block to mark the 3/4" measurement on the wall stud.
Secure panel with (2) 2" nails in the corners **(Fig. A)**.

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

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

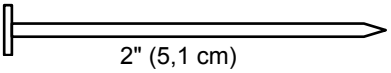




BACK WALL

PARTS REQUIRED:

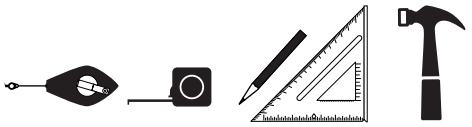
x90



2" (5,1 cm)

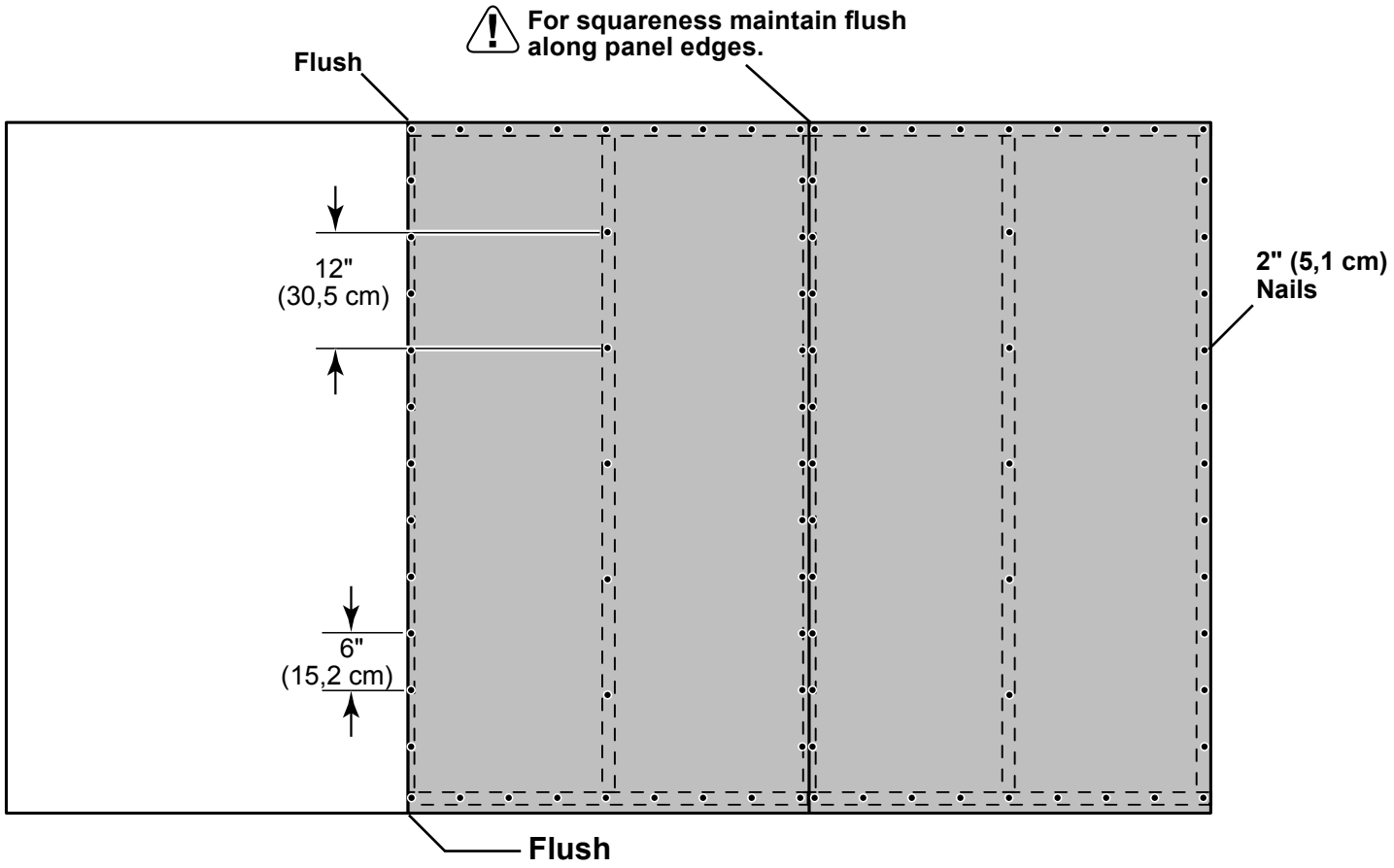
x2

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



4 Install (2) more **48" x 76"** panels on frame as shown **(Fig. A)**.

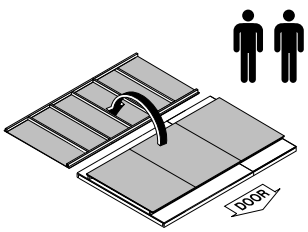
Secure the panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.



FINISH

Your back wall is now assembled.

Carefully flip your back wall over.



DOOR FRAME UNIT

Assemble the door frame unit before building any walls!

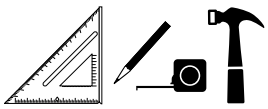
Any wall with a door will require this assembly.

PARTS REQUIRED:

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

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

x18 3" (7,6 cm)



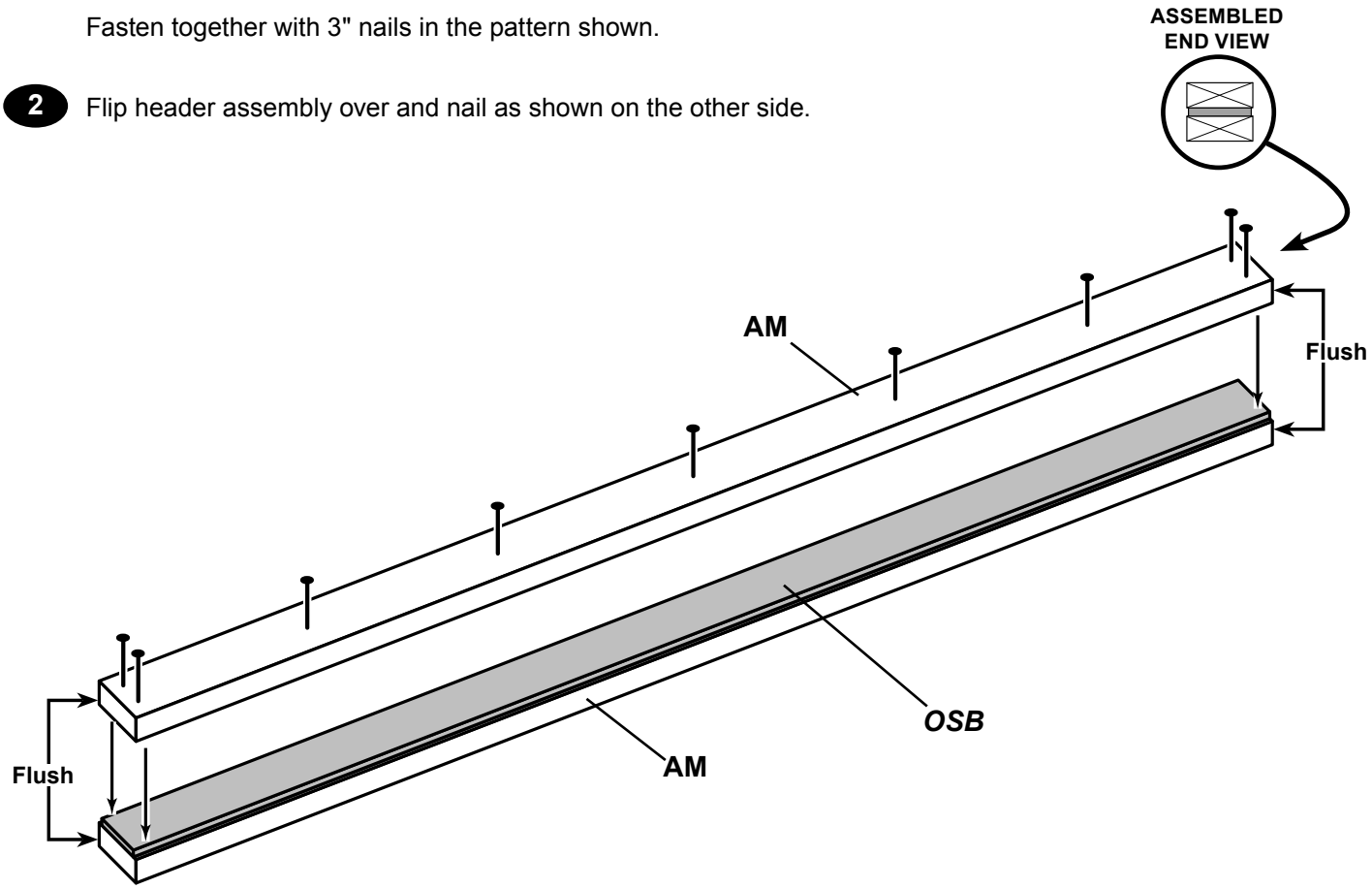
Pre-assemble the door header.

✓**BEGIN**

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

Fasten together with 3" nails in the pattern shown.

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



DOOR FRAME UNIT

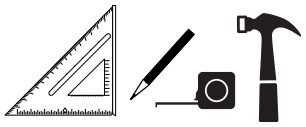
PARTS REQUIRED:

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

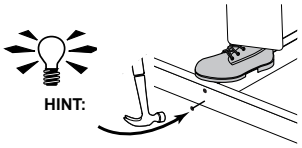
x2 **TM**
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

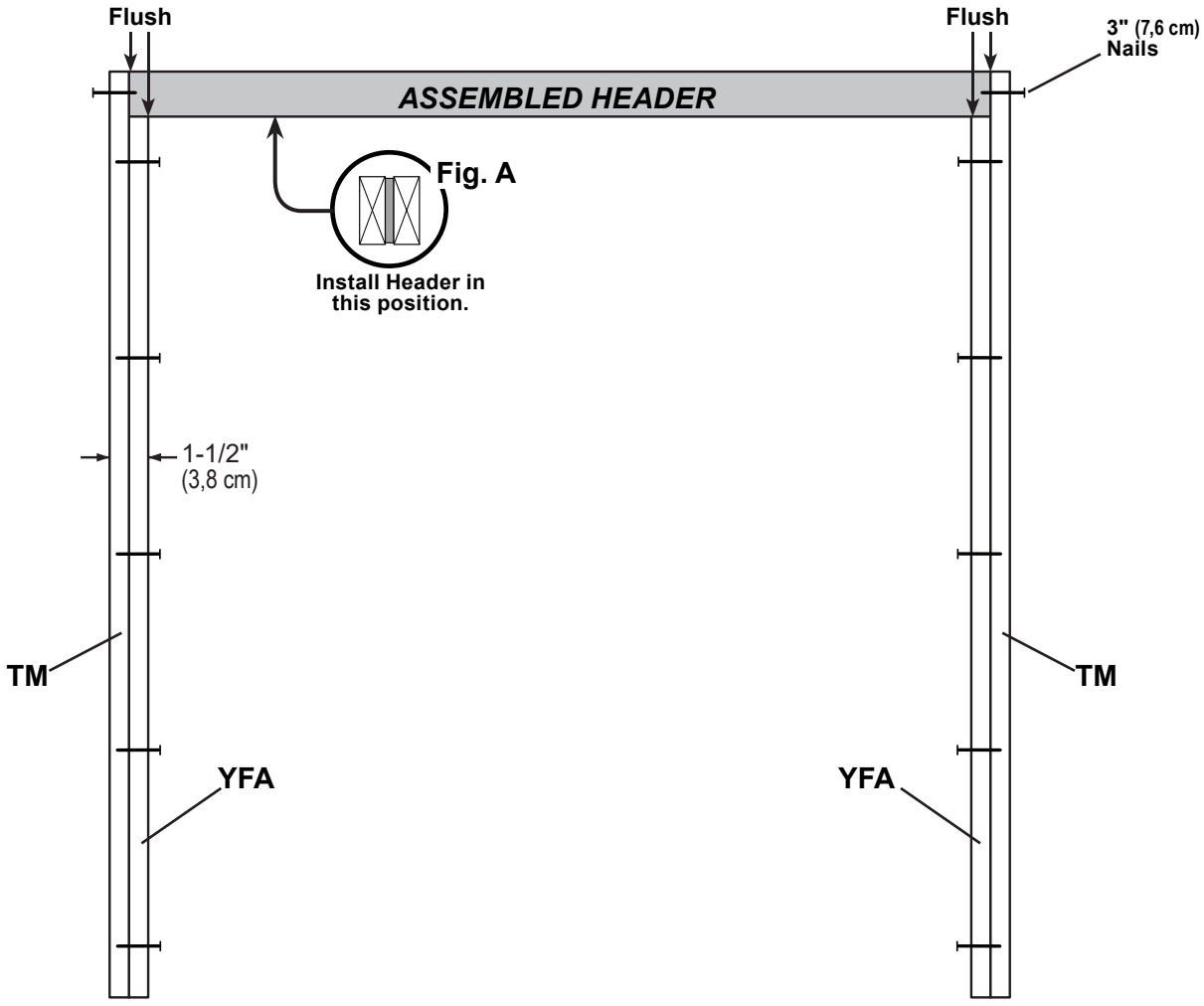
x1 **Assembled Header**

x24
3" (7,6 cm)



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



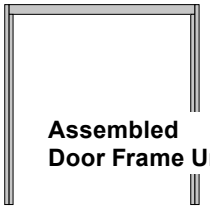


FINISH

Your door frame unit is now assembled.

FRONT WALL FRAME

PARTS REQUIRED:



x1 **RB**
2 x 4 x 16" (5,1 x 10,2 x 40,6 cm)

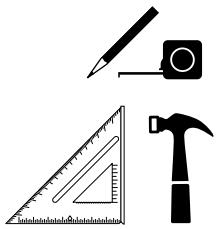
x1 **SP**
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x1 **UX**
2 x 4 x 64" (5,1 x 10.2 x 162,6 cm)

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

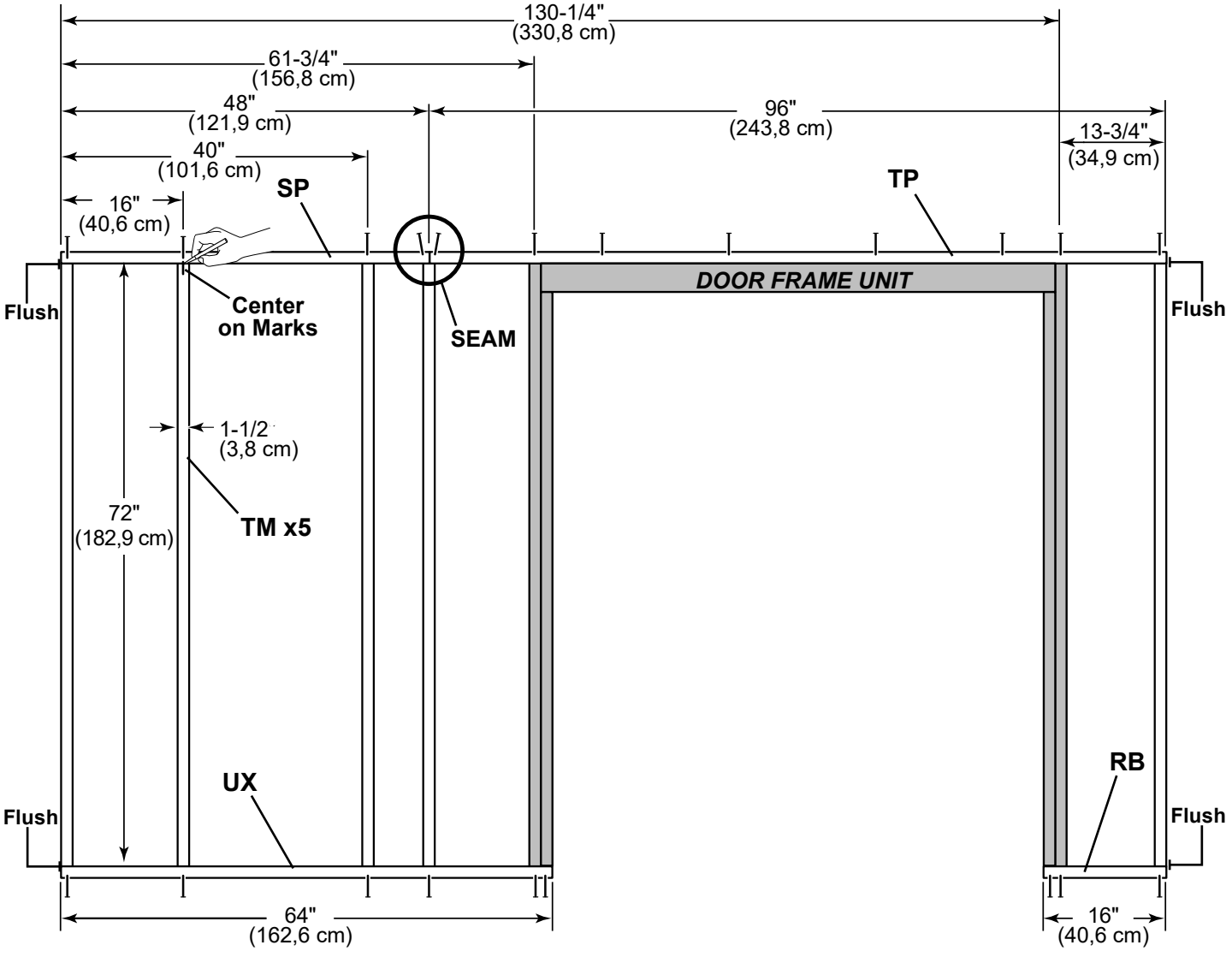
x1 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

x40 3" (7,6 cm)



BEGIN

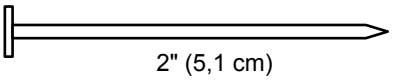
1 Arrange parts on edge on floor, as shown. Measure and mark from end of boards.
Place the **Door Frame Unit** at measurements shown.
Secure parts with (2) 3" nails at each connection and (4) 3" nails at seam.



FRONT WALL

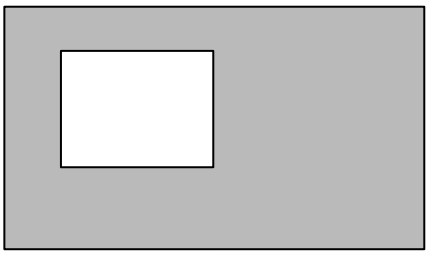
PARTS REQUIRED:

x58



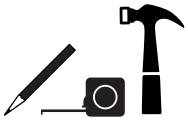
2" (5,1 cm)

x1



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

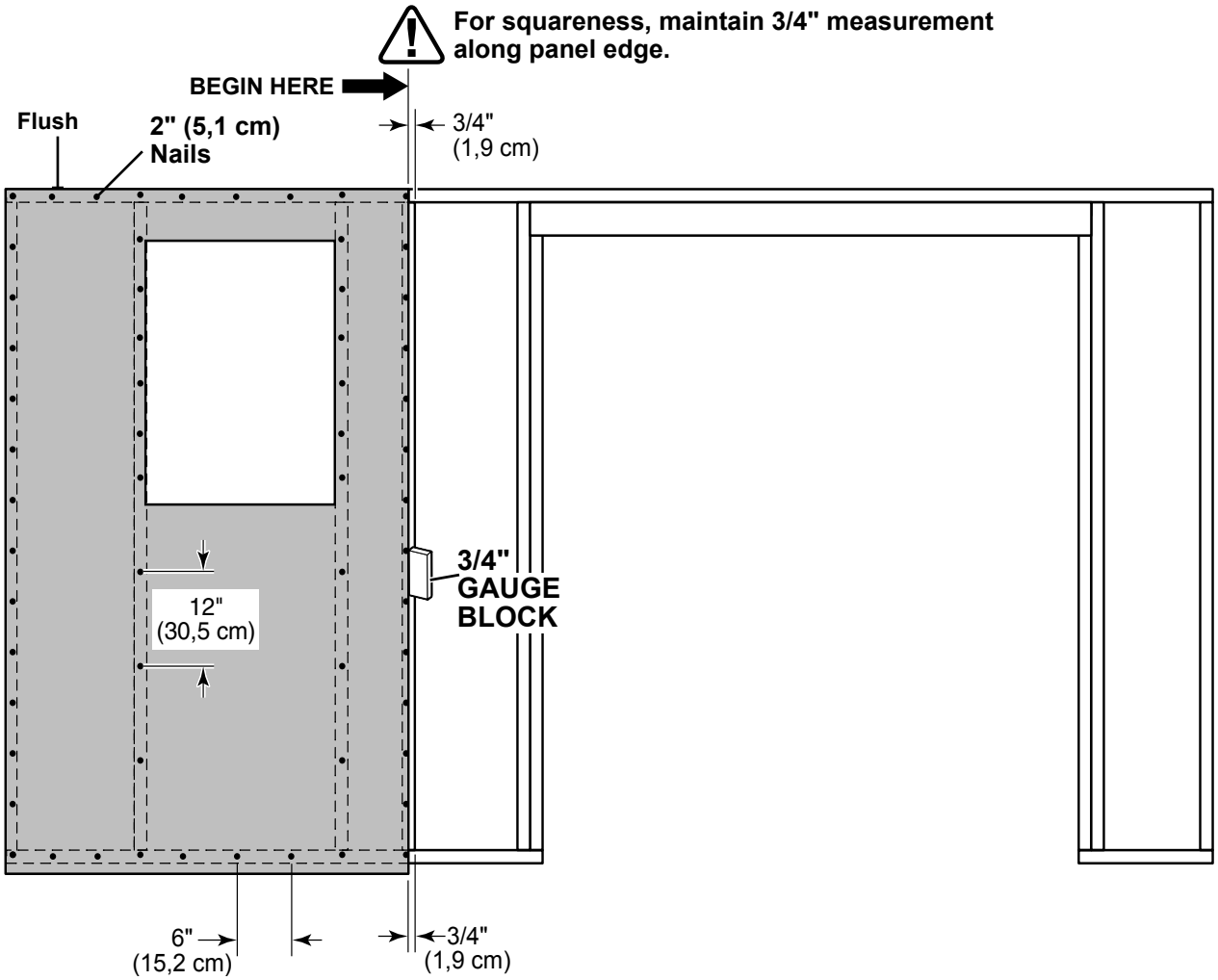
3/4" GAUGE BLOCK



Install all panels with the primed side facing up.

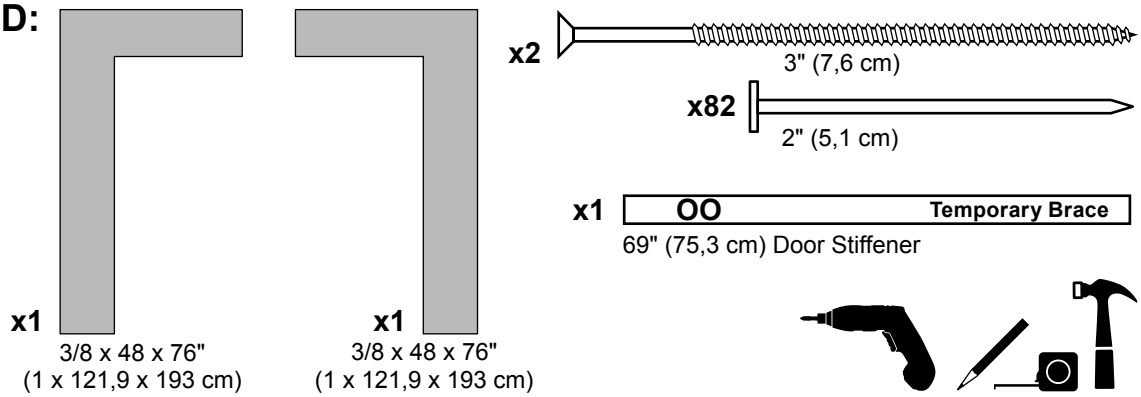
2 Install the **3/8 x 48 x 76"** window panel on the wall frame.
Use the **GAA** gauge block to maintain the 3/4" measurement on the wall stud.

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



FRONT WALL

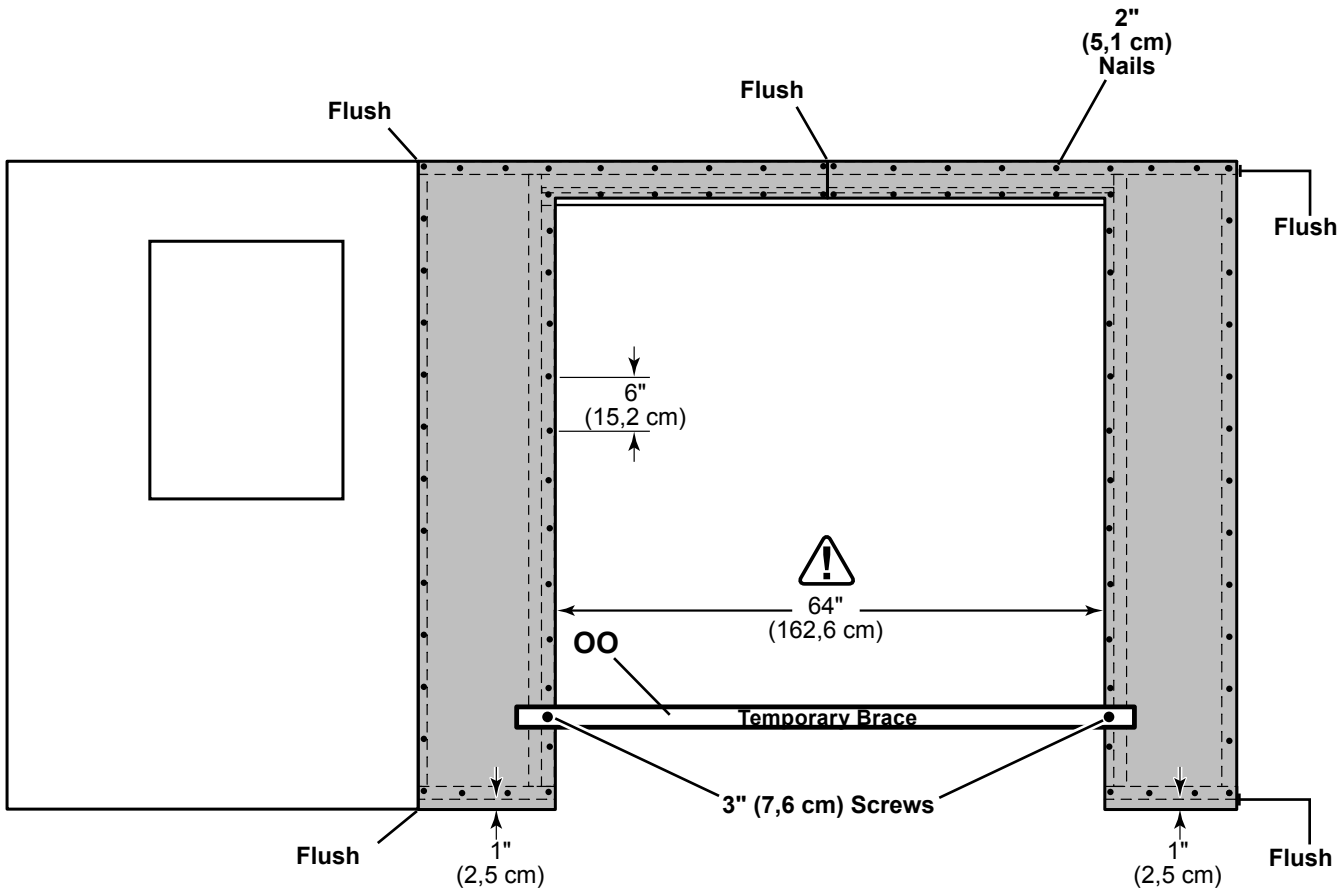
PARTS REQUIRED:



3 Install (2) **48 x 76"** door panels onto frame as shown.

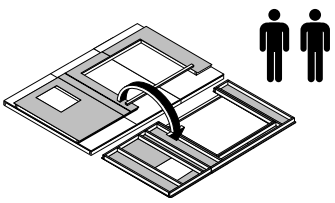
Secure the panel with 2" nails spaced 6" apart on edges and 12" apart inside panel. Secure left panel first.

4 Install **OO** as temporary support to maintain the 64" door opening.
Secure **OO** with (2) 3" screws.



FINISH

Your front wall is now assembled.



Carefully flip your front wall over.

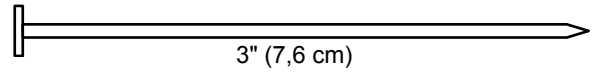
GABLE WALLS

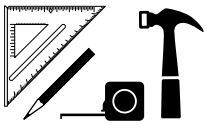
PARTS REQUIRED:

x10 **TM**
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

x4 **SZ**
2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)

x40



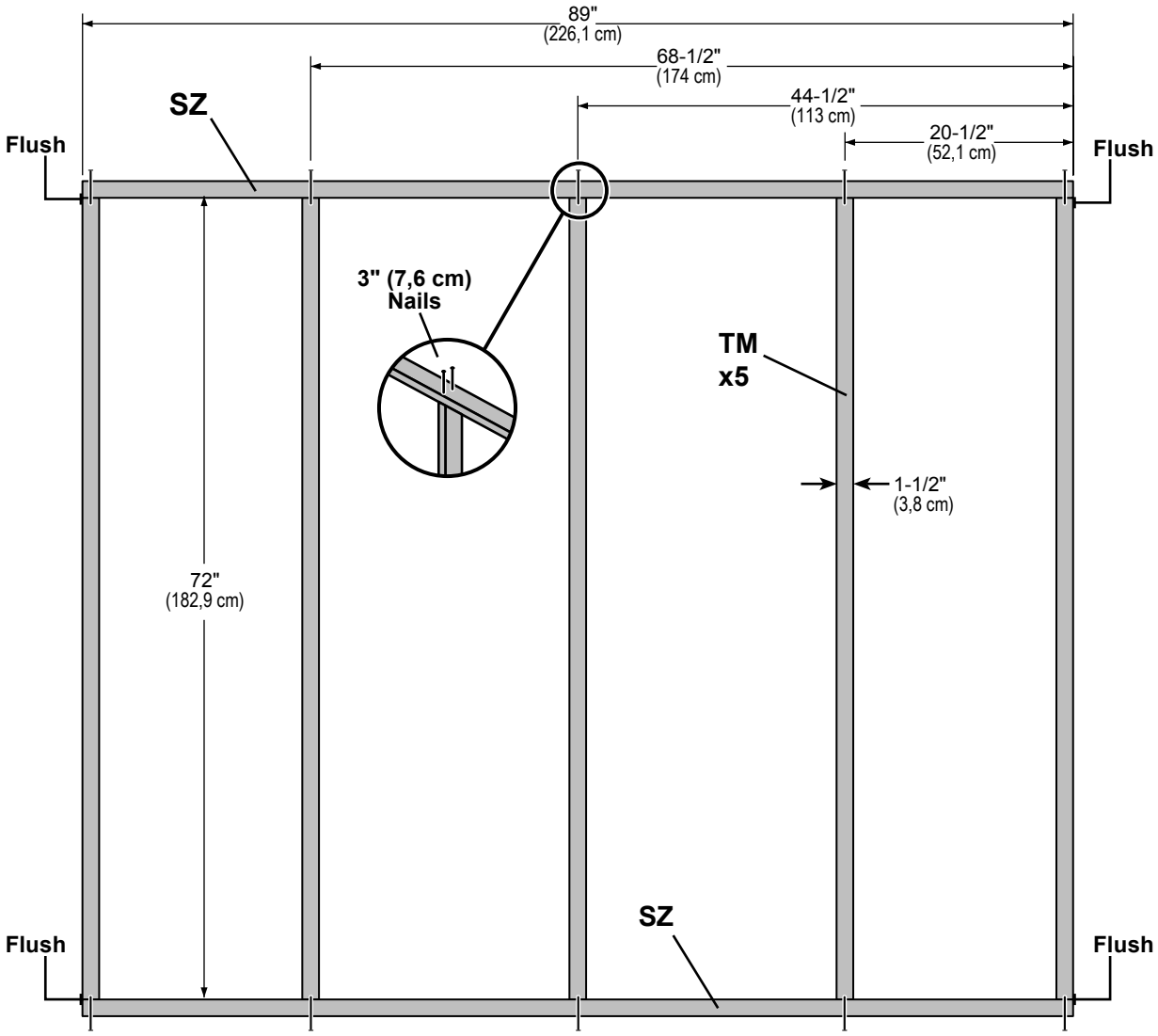


You will build 2 identical gable walls.

BEGIN

1 Arrange parts on edge on floor as shown. Measure and mark.

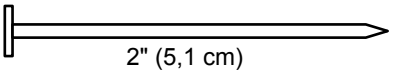
Secure parts with (2) 3" nails at each mark.



GABLE WALL PANELS

PARTS REQUIRED:

x90

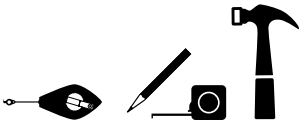


2" (5,1 cm)

x2

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

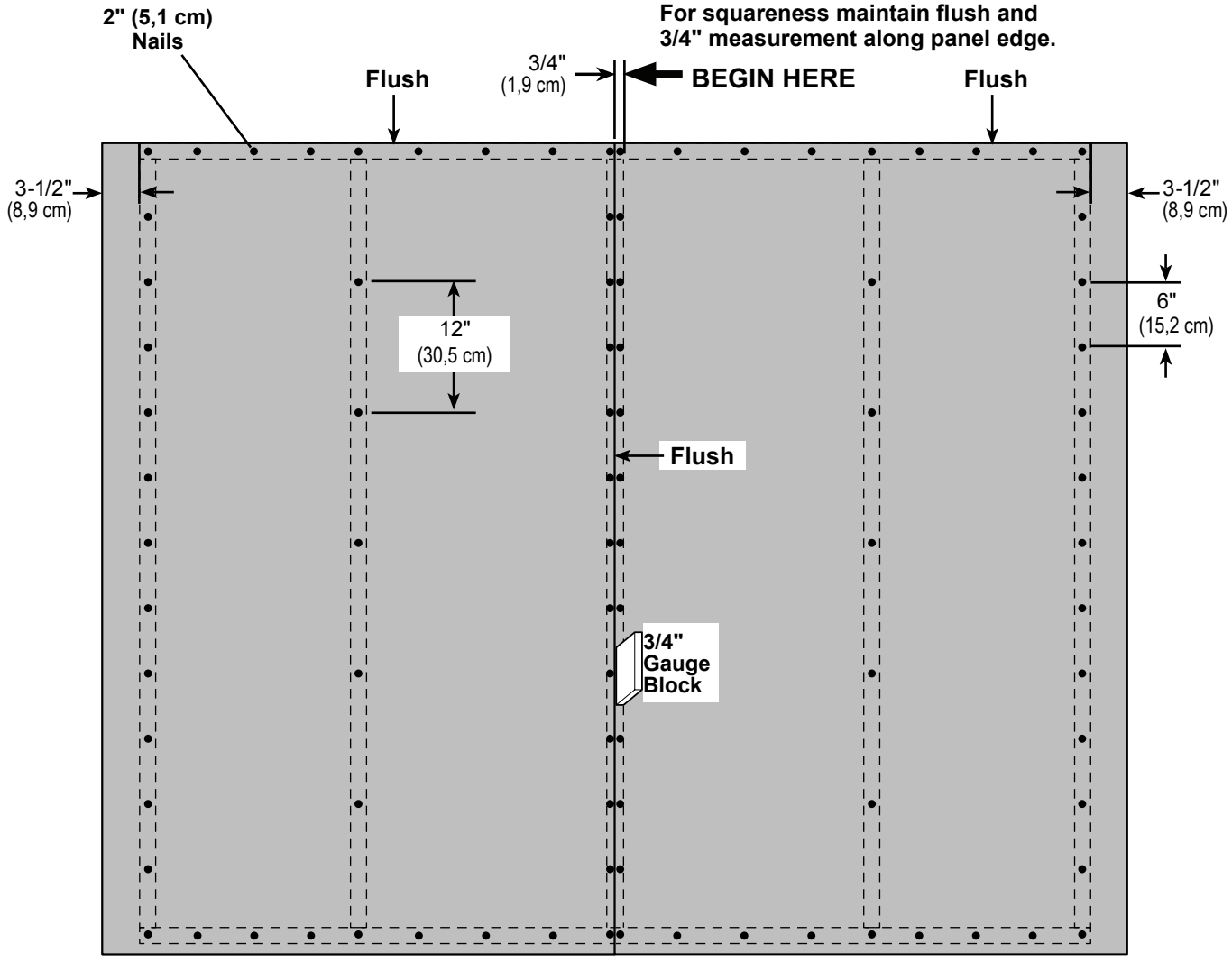
3/4" GAUGE BLOCK



Install panels with the primed side facing up.

2 Install (2) **48" x 76"** panels on frame flush at top. Use the gauge block **GAA** to maintain a 3/4" measurement on the wall stud. Panels will overlap the frame approximately 3-1/2" at each side.

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

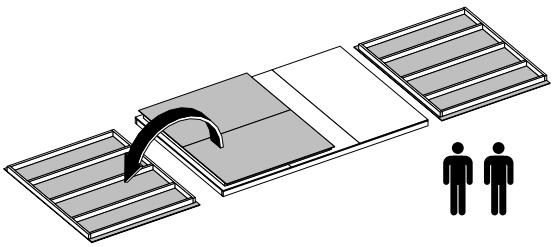


Repeat steps to build your second gable wall.

FINISH

Your gable walls are now assembled.

Carefully flip the gable walls over.



BACK WALL

PARTS REQUIRED:

x1 **OO**
69" (75,3 cm) Door Stiffener

x12 3" (7,6 cm)

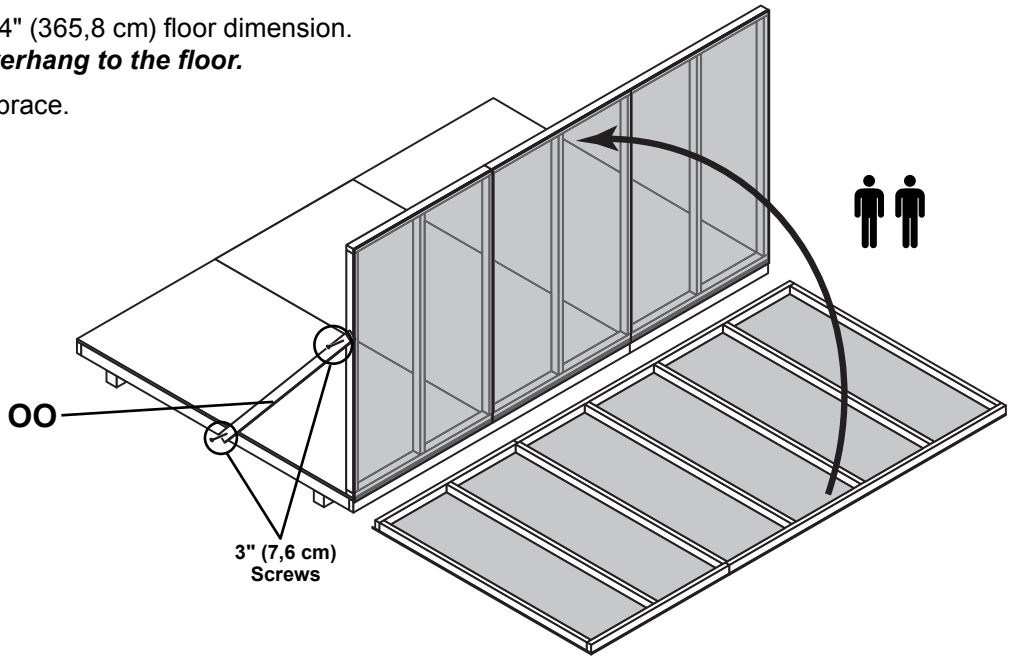
x2 3" (7,6 cm)

x27 2" (5,1 cm)

BEGIN

1 Center back wall on the 144" (365,8 cm) floor dimension.
Install wall with the 1" overhang to the floor.

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



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

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

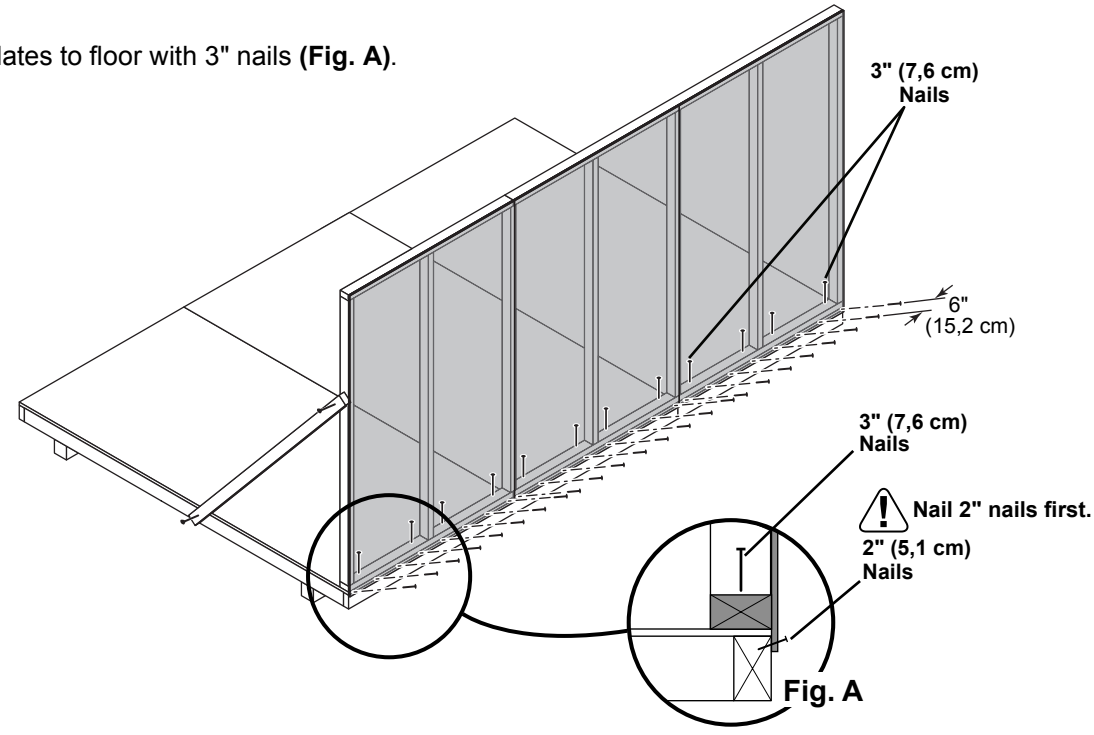


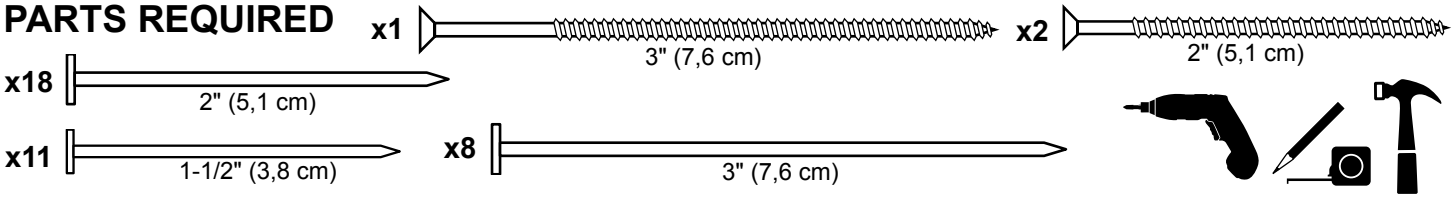
Fig. A

FINISH

Your back wall is now installed.

LEFT WALL

PARTS REQUIRED



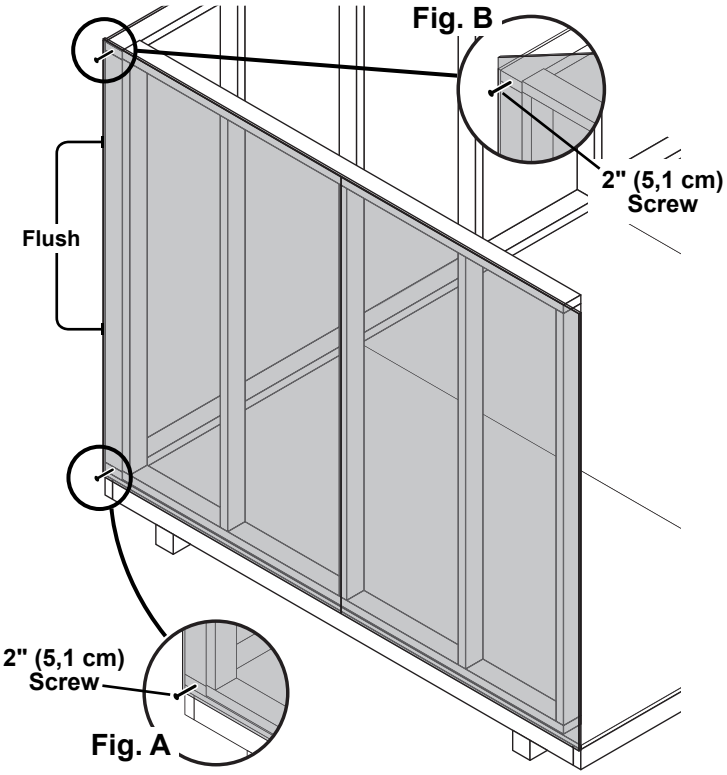
BEGIN

1 Install left wall centered on floor.
Install wall with the 1" overhang to the floor.

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

Secure wall to bottom plate first.

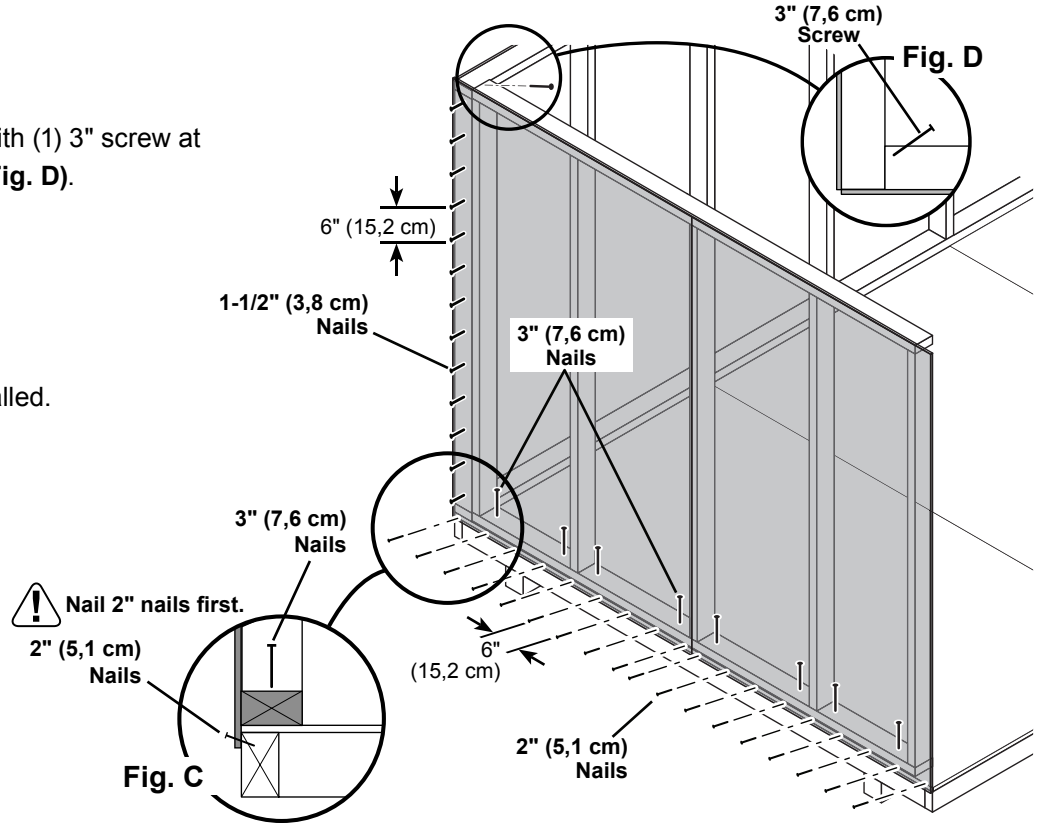
⚠ **ENSURE PANEL CORNERS ARE FLUSH.**



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

Secure panels to back wall stud with 1-1/2" nails.

3 Secure wall top plates with (1) 3" screw at the corner at an angle **(Fig. D)**.

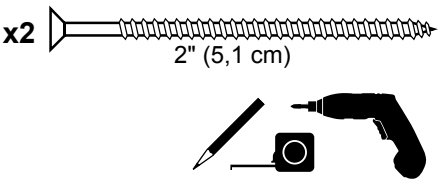


FINISH

Your left wall is now installed.

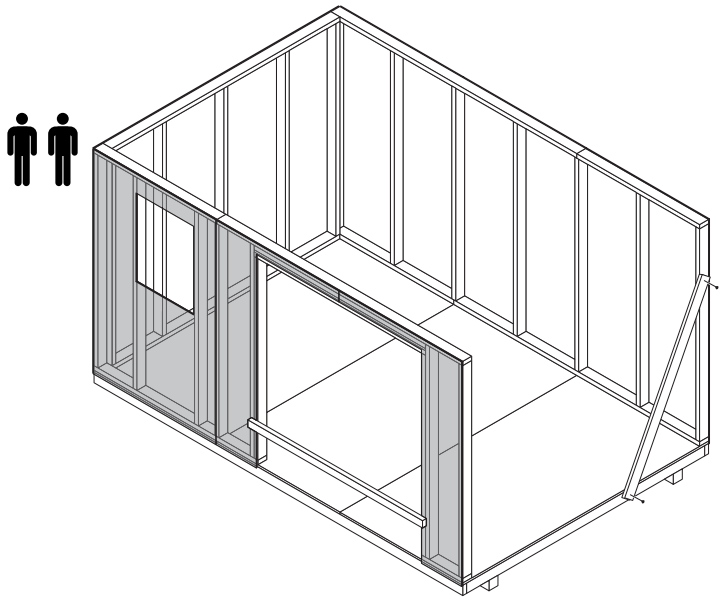
FRONT WALL

PARTS REQUIRED:



BEGIN

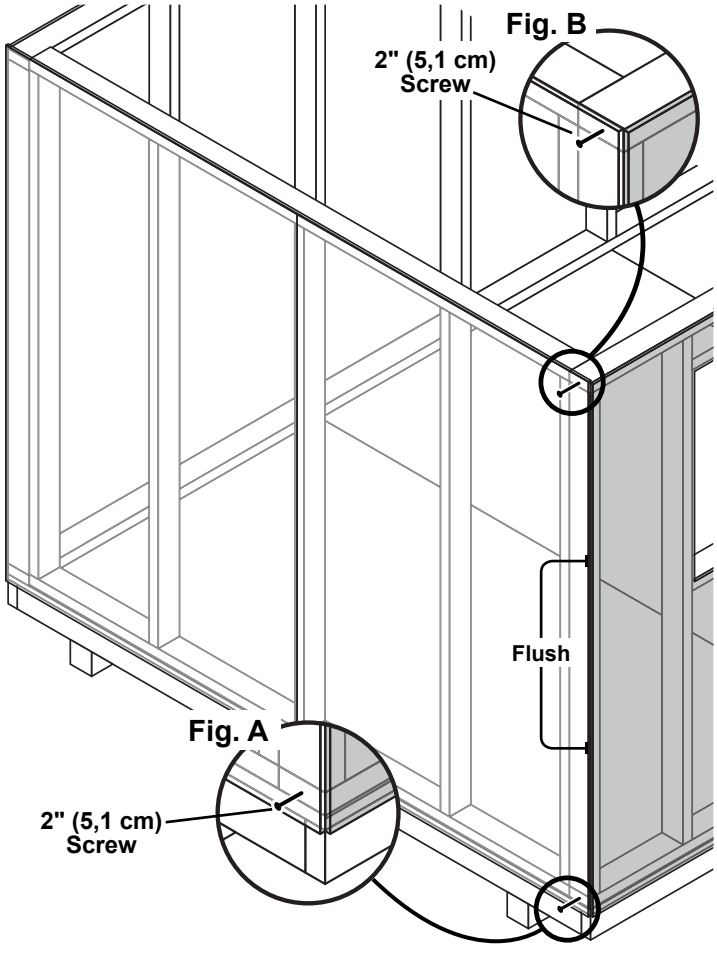
1 Center front wall on the floor.



2 Secure wall with (1) 2" screw through left wall panel into front wall bottom and top plates **(Fig. A, Fig. B)**.

Secure wall to bottom plate first.

⚠ENSURE PANEL CORNERS ARE FLUSH.



FRONT WALL

PARTS REQUIRED: **x15** 2" (5,1 cm) **x9** 3" (7,6 cm)

x11 1-1/2" (3,8 cm) **x1** 3" (7,6 cm)

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

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

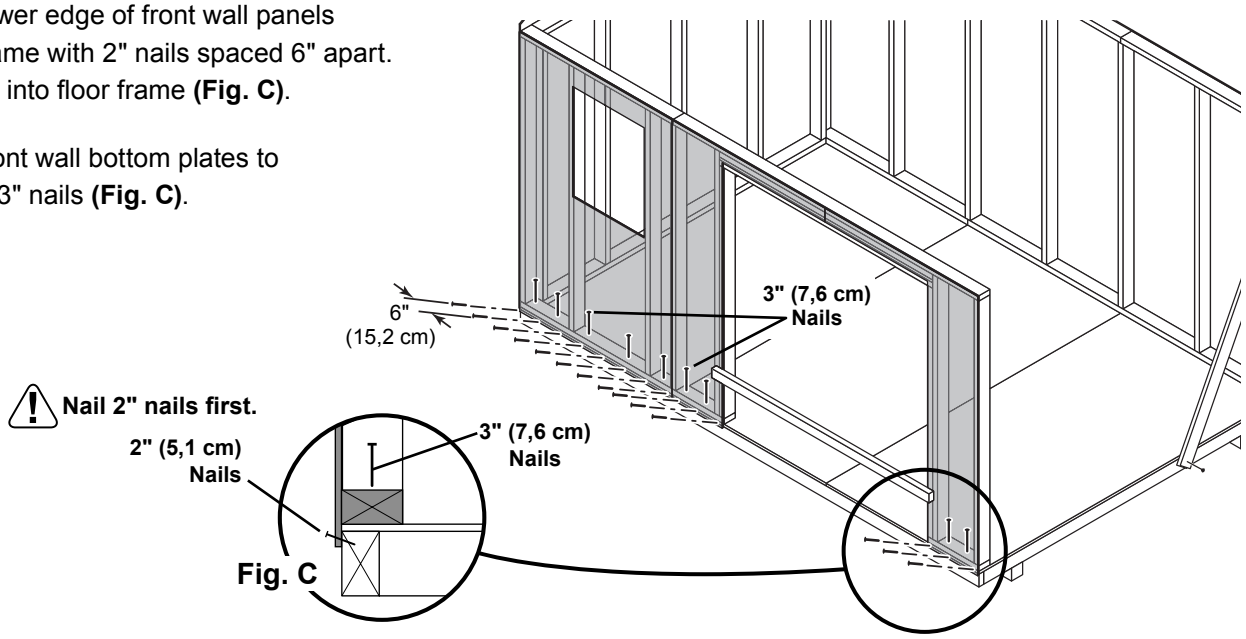


Fig. C

4 Secure left wall panel to front wall stud with 1-1/2" nails spaced 6" apart.

5 Secure wall top plates with (1) 3" screw at the corner at an angle **(Fig. D)**.

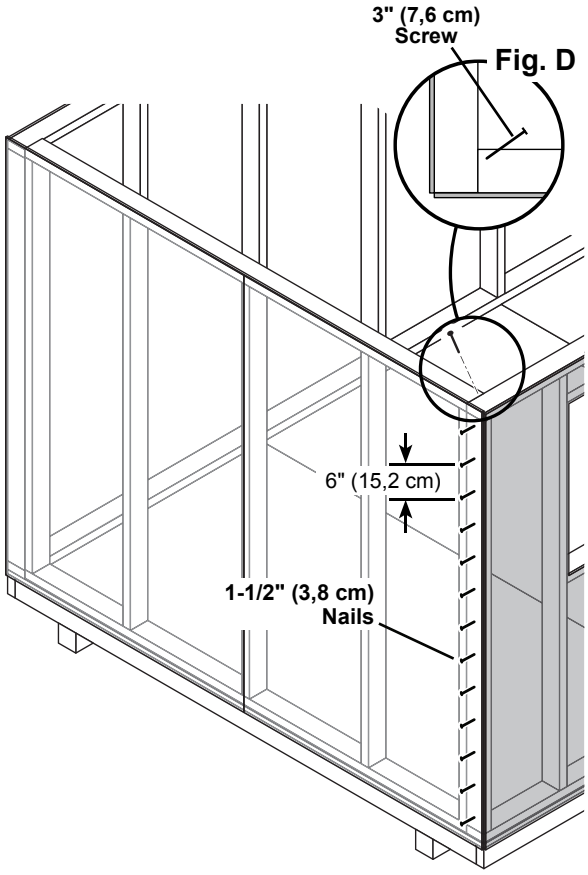


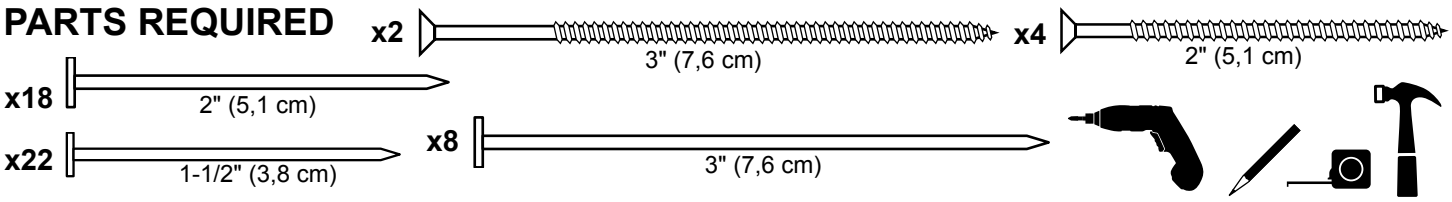
Fig. D

FINISH

Your front wall is now installed.

RIGHT WALL

PARTS REQUIRED



BEGIN

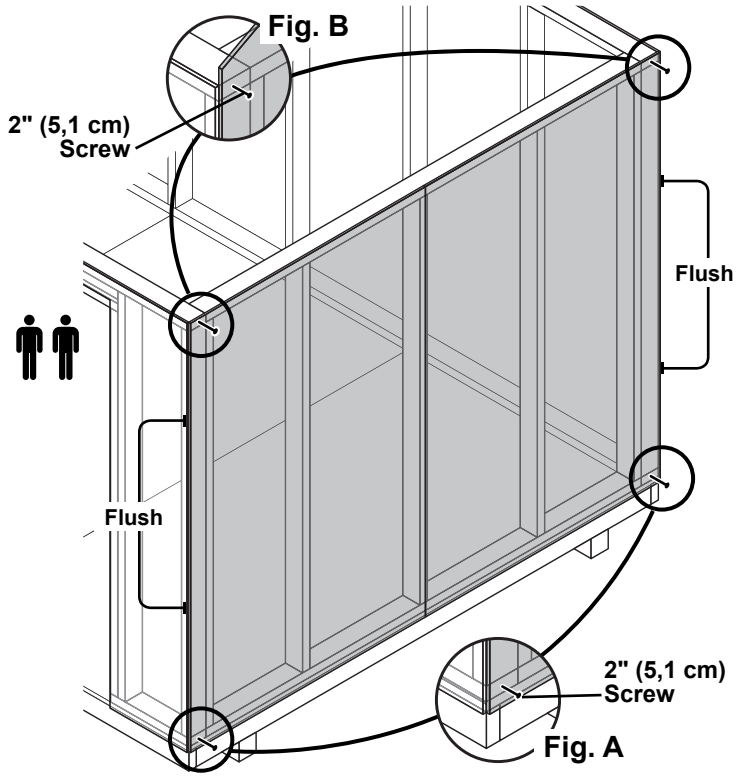
1 Install right wall on floor centered between front and back walls.

Install wall with the 1" overhang to the floor.

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

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

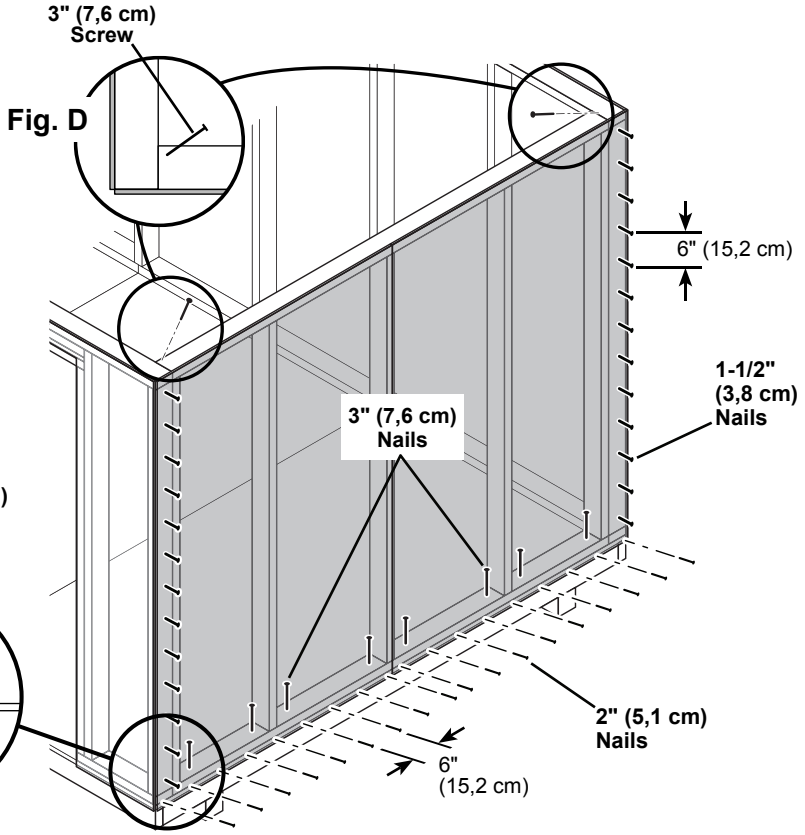


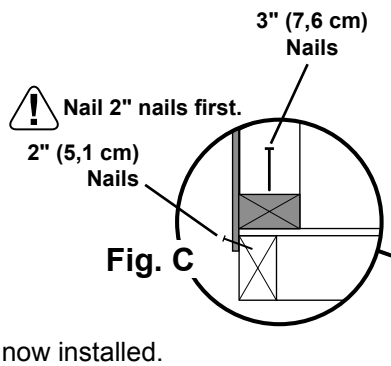
2 Secure lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nail into floor frame **(Fig. C)**.

Secure panels to front and back wall studs with 1-1/2" nails.

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

REMOVE TEMPORARY BRACING





FINISH

Your right wall is now installed.

WINDOW FRAME

PARTS REQUIRED:

x1 PU
2 x 4 x 3-1/2" (5,1 x 10,2 x 8,9 cm)

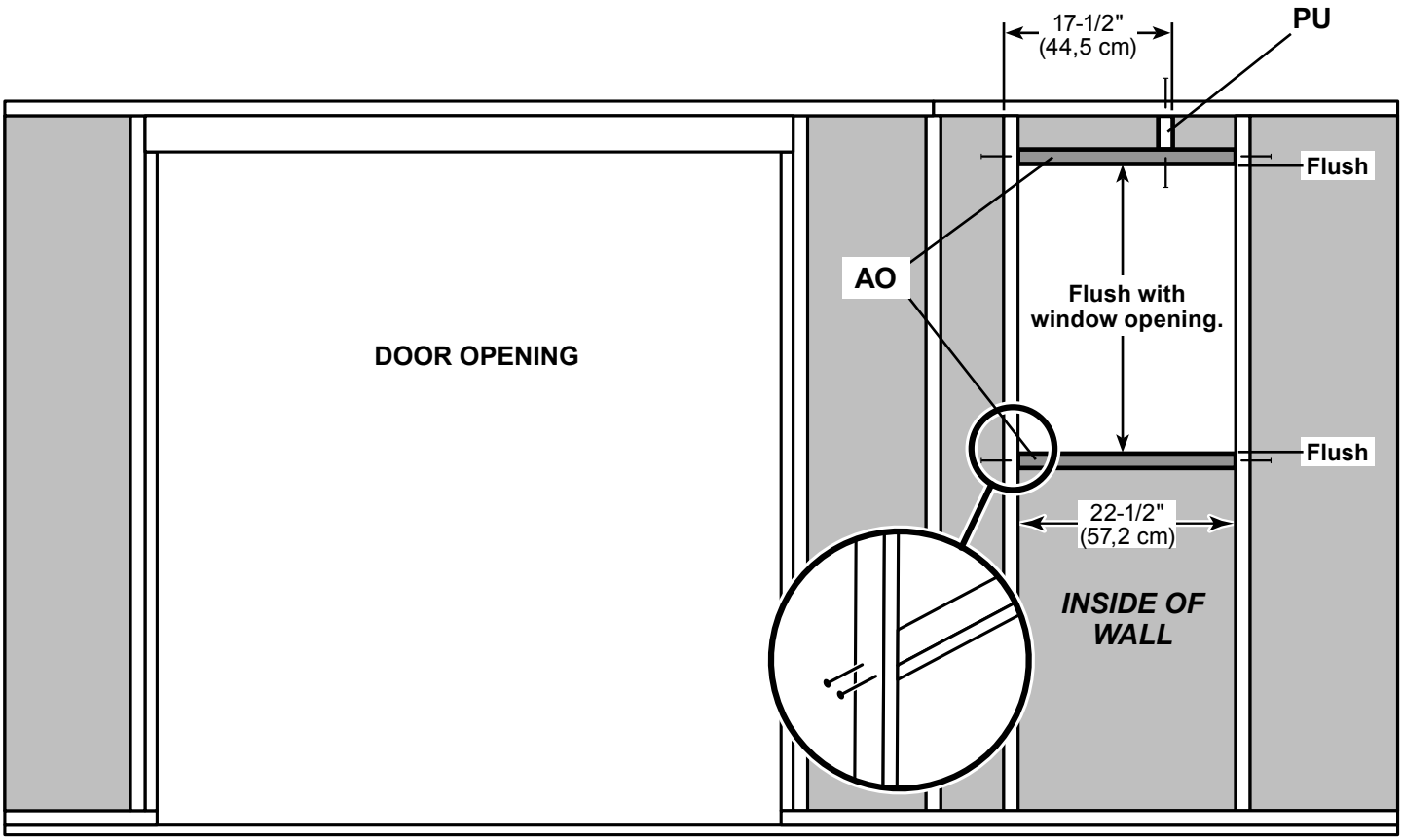
x2 AO
2 x 4 x 22-1/2" (5,1 x 10,2 x 57,2 cm)

x12
3" (7,6 cm)

BEGIN

1 Install **PU** at measurement shown, flush under top plate.
Secure with (2) 3" nails.

2 Install **AO** flush to window panel opening.
Secure with (2) 3" nails at each connection.



FINISH

Your window framing is now installed.

SHELF

PARTS REQUIRED:

x5 AE
2 x 3 x10-1/8" (5,1 x 7,6 x 25,7 cm)

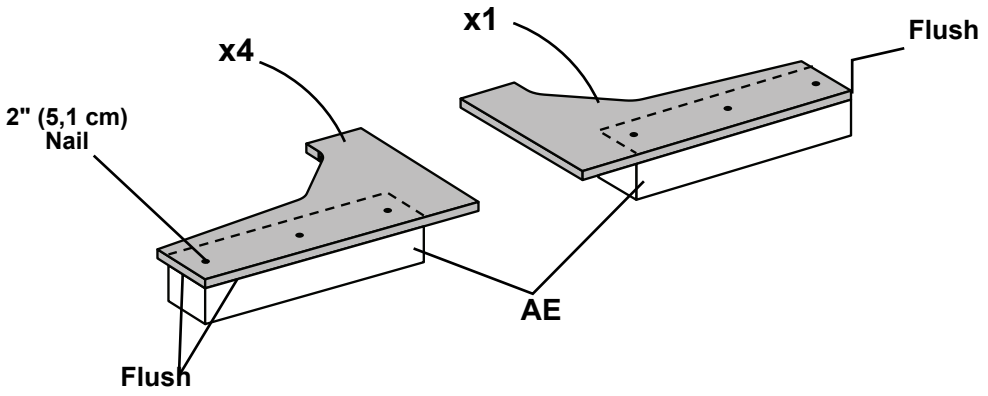
x5
3/8 x 8 x 12-1/2" (1 x 20,3 x 31,8 cm)

x30
2" (5,1 cm)

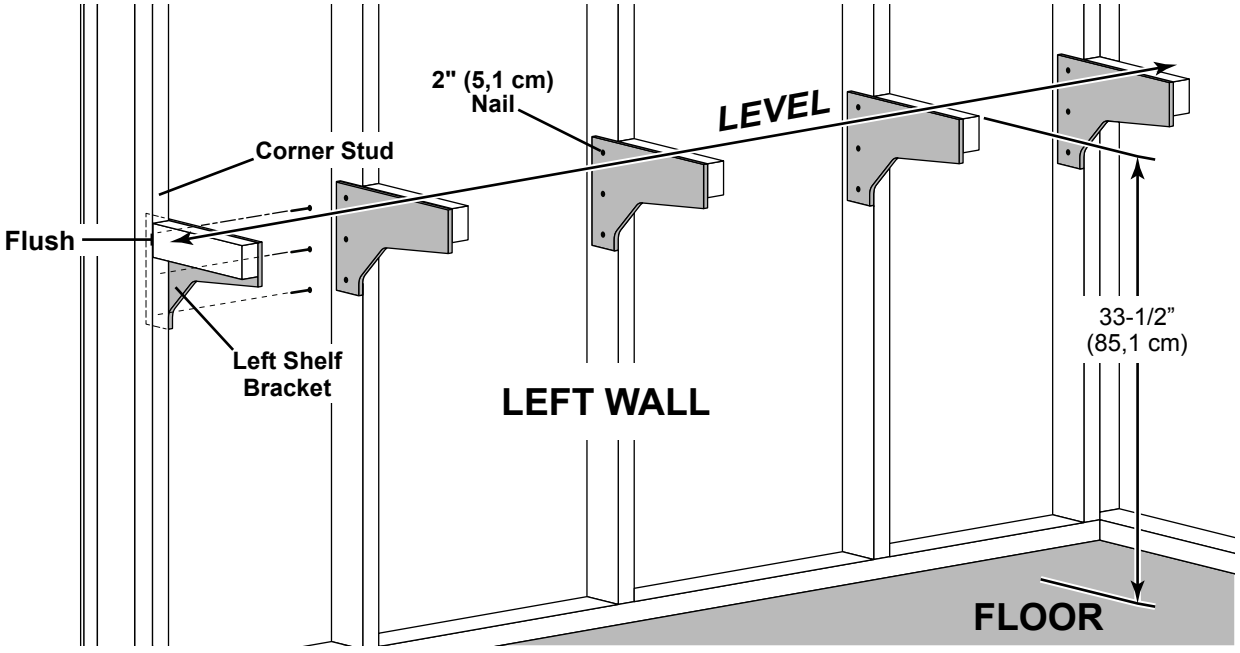
BEGIN

1 Secure brackets to part **AE** with (3) 2" nails.

Assemble (5) shelf supports as shown; 4 right-side, 1 left-side.



2 Install shelf supports at shown height with (3) 2" nails.



SHELF

PARTS REQUIRED:

x20 2" (5,1 cm)

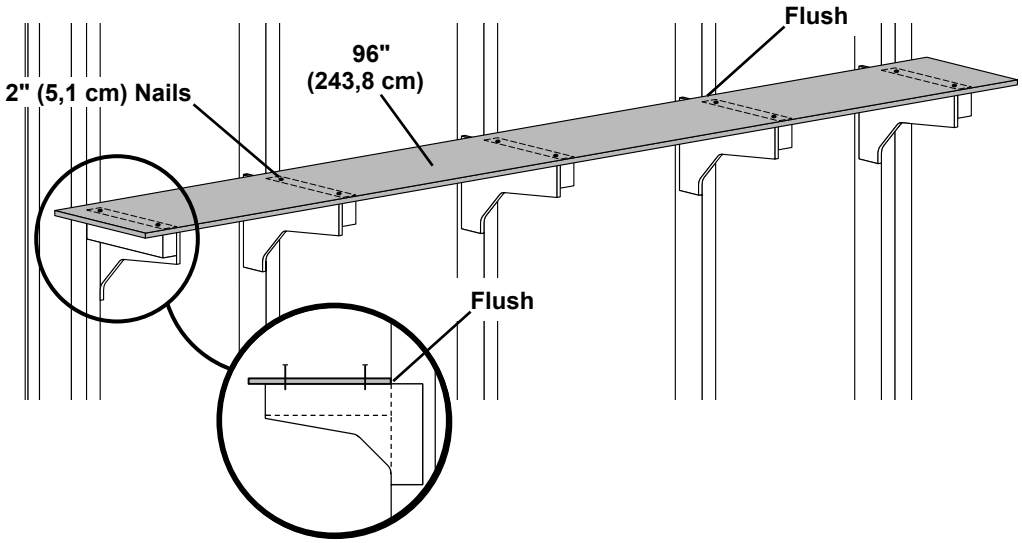
x1

7/16 x 11-3/4 x 96" (1,1 x 29,8 x 243,8 cm)

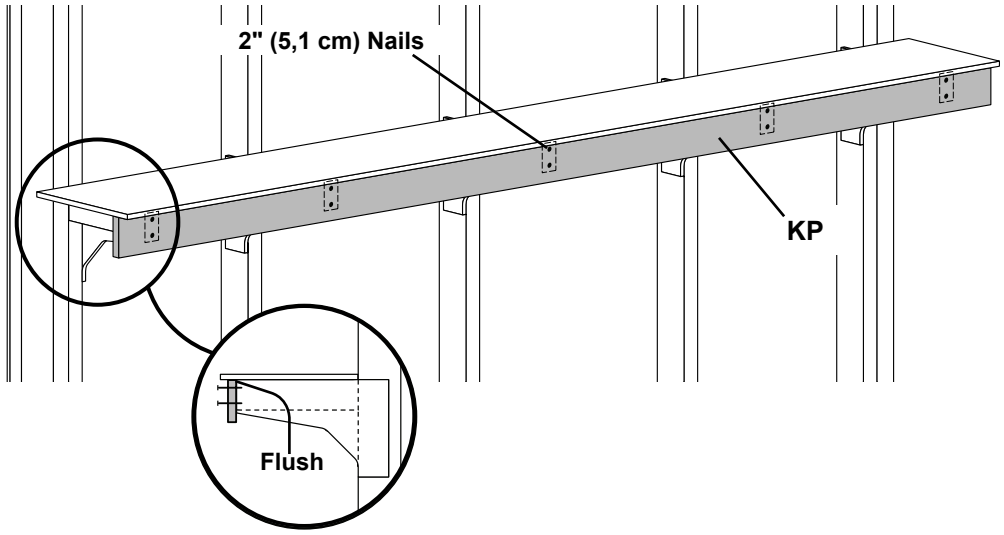
x1 **KP**

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

3 Install shelf panel centered over shelf supports. Secure with (2) 2" nails at each support.



4 Secure **KP** with (2) 2" nails at each support.



FINISH

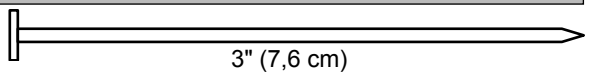
Your shelf is now installed.

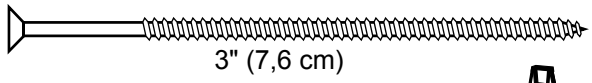
LOFT

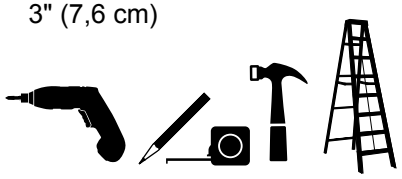
PARTS REQUIRED:

x1 **PT**
2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)

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

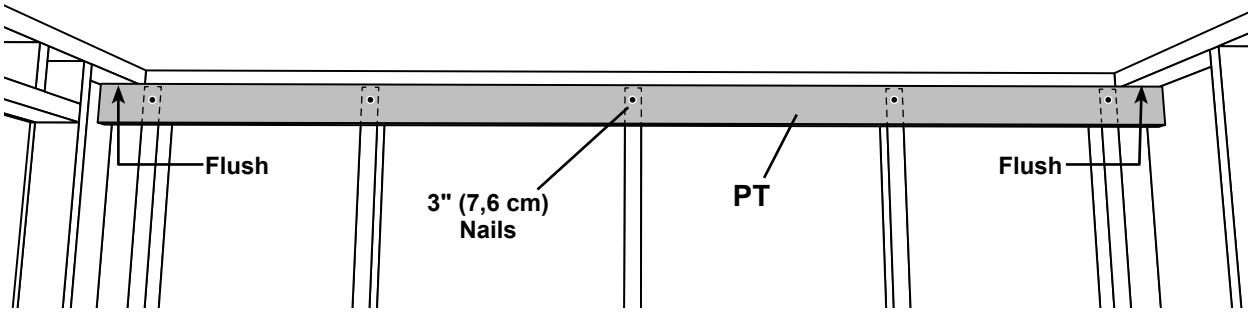
x5

3" (7,6 cm)

x4

3" (7,6 cm)



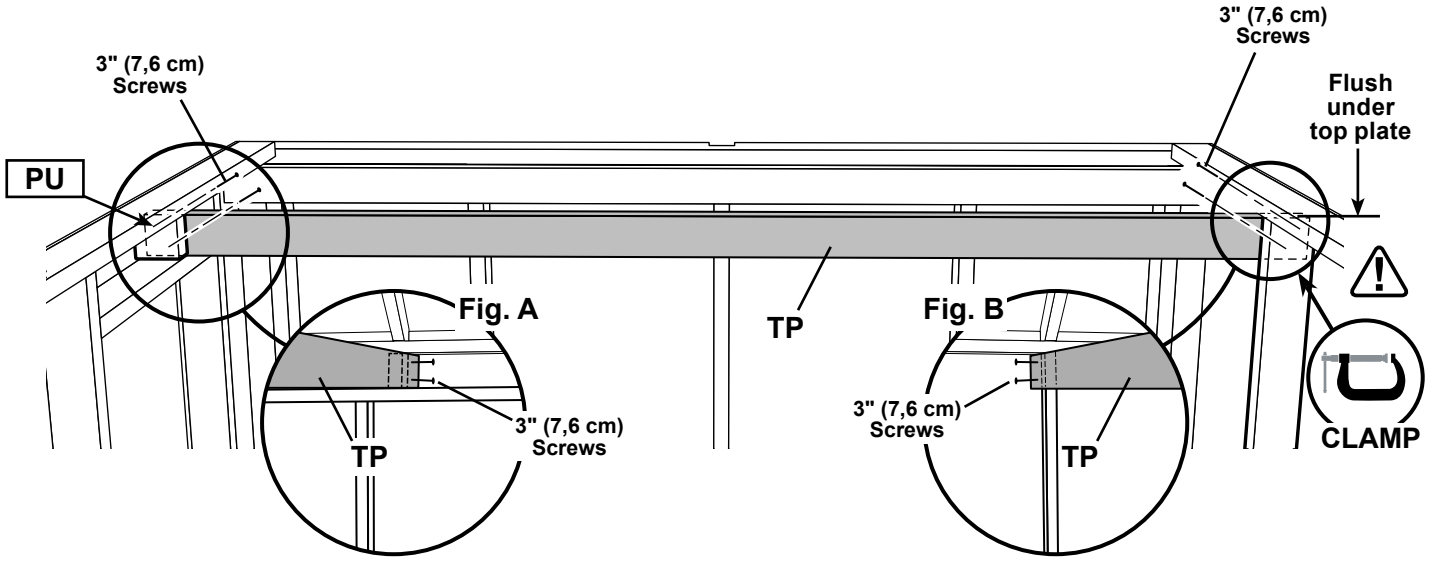
BEGIN

1 Install loft support **PT** flush under eave wall top plates. Secure with 3" nails into wall studs.



2 Install support **TP** on upper window frame flush against back side of window spacer **PU (Fig. A)** and back side of wall stud **(Fig. B)**.

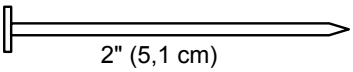
Secure **TP** with (4) 3" screws **(Fig. A, B)**.



LOFT

PARTS REQUIRED:

x22



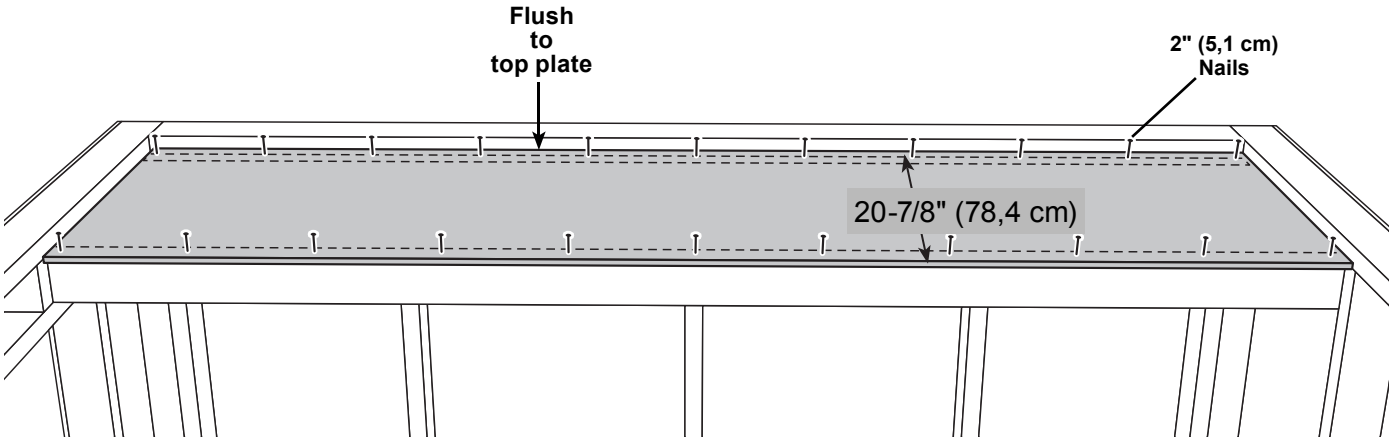
2" (5,1 cm)

x1

7/16 x 20-7/8 x 88-5/8" (1,1 x 53 x 225,1 cm)

3 Install **20-7/8 x 88-5/8"** loft panel on loft frame.

Secure loft panel to loft frame with 2" nails spaced evenly.



Attention:
Load not to exceed
250 lbs (113,4 kg) evenly
distributed across loft.

FINISH

Your loft is now installed.

RAFTERS

PARTS REQUIRED:

x12 6 x 23-1/4" (15,2 x 59,1 cm)

x14 **AA** 2 x 4 x 55-3/16" (5,1 x 10,2 x 140,2 cm)

x144 2" (5,1 cm)

You will build (7) rafter assemblies; (2) rafters will have only (1) gusset.

BEGIN

1

Place two rafter-halves into corners on bottom plates, flush to gable wall studs and flush to front and back wall panels.
Nail gusset to rafter with 2" nails in the pattern shown. Maintain 1/4" gap **(Fig. A, Fig. B)**.
Repeat step 1 to build (1) more rafter with only (1) gusset. Set these two rafter assemblies aside for later use.

2

Place two rafter-halves into corners on bottom plates, flush to gable wall studs and flush to front and back wall panels.
Secure gusset to rafter with 2" nails in the pattern shown. Maintain 1/4" gap **(Fig. A, Fig. C)**.
Turn rafter assembly over. Nail second gusset to back side of rafter.
Repeat step 2 to build (5) more rafters with (2) gussets.

HINT:
Use floor and walls to help assemble rafters!

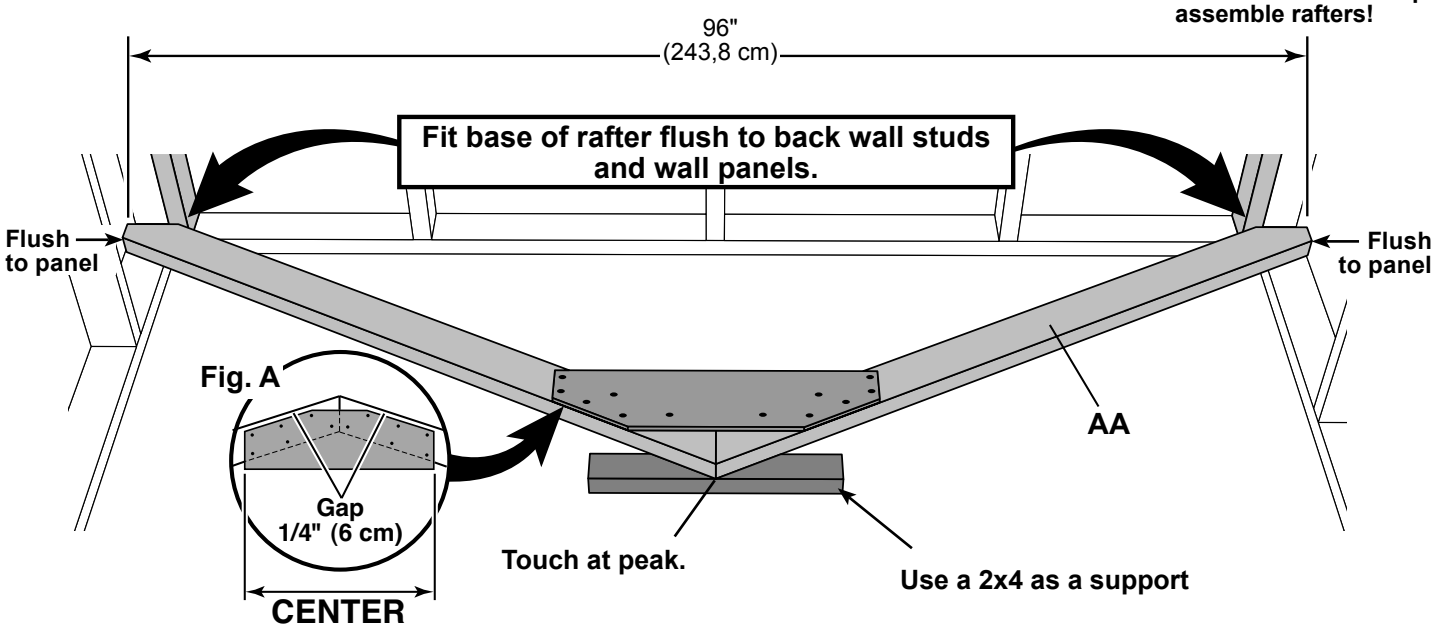


Fig. B - Build 2

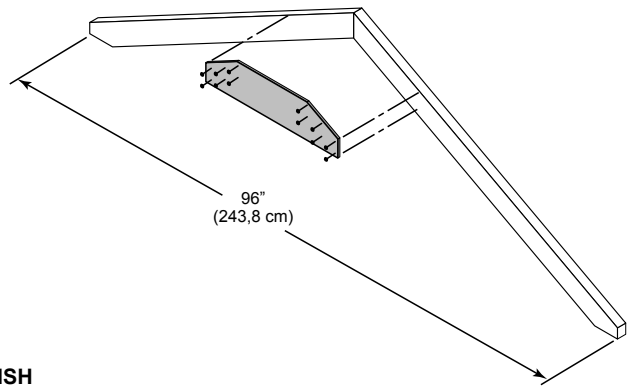
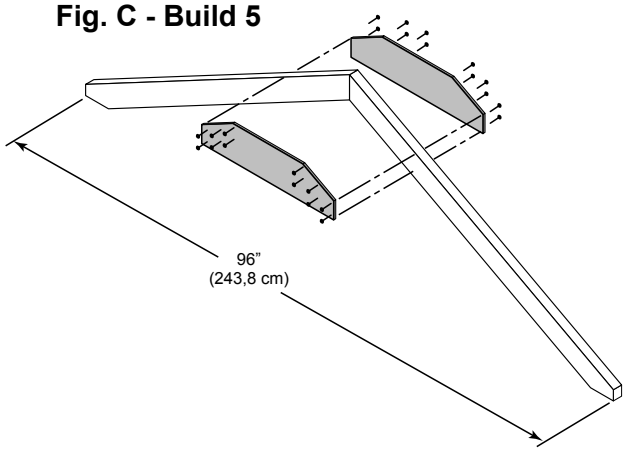


Fig. C - Build 5



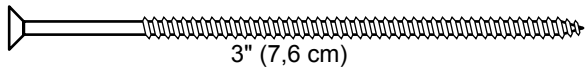
FINISH

Your rafters are now assembled.

RAFTER INSTALLATION

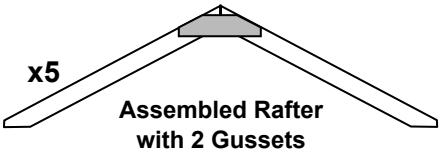
PARTS REQUIRED:

x28



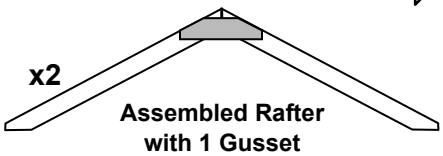
3" (7,6 cm)

x5



Assembled Rafter with 2 Gussets

x2



Assembled Rafter with 1 Gusset

BEGIN

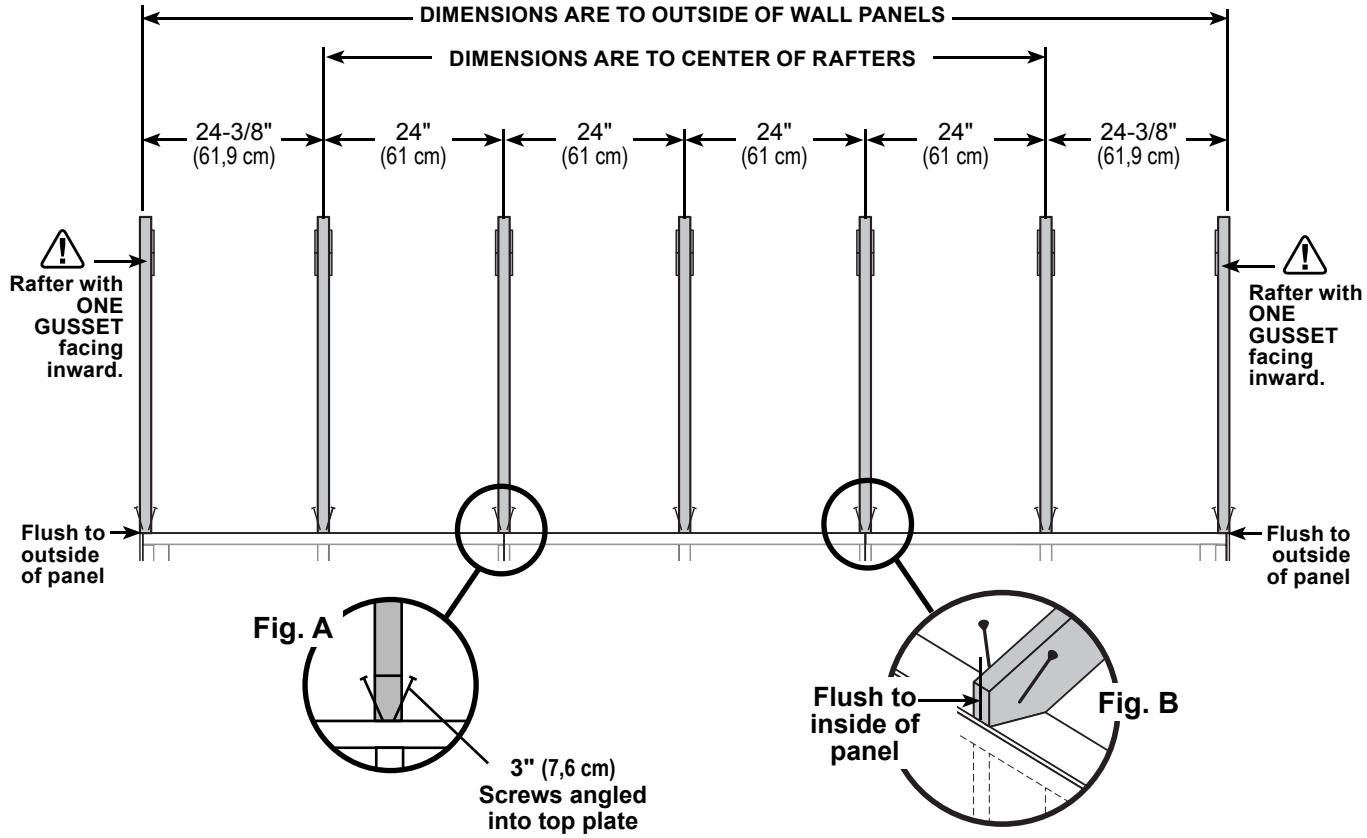
1 Align rafters over the wall studs.

Check that you have the measurements shown.

Secure rafters with (2) 3" screws angled at each end **(Fig. A, Fig. B)**.

Secure rafters on opposite side.

Maintain the measurements between rafters.



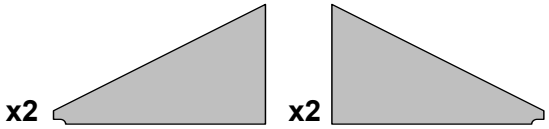
FINISH

Your rafters are now installed.

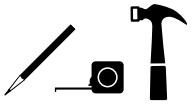
GABLE UNITS

PARTS REQUIRED:

x2 **ARC**
2 x 3 x 22-1/4"
(5,1 x 7,6 x 56,5 cm)



x20
1-1/2" (3,8 cm)

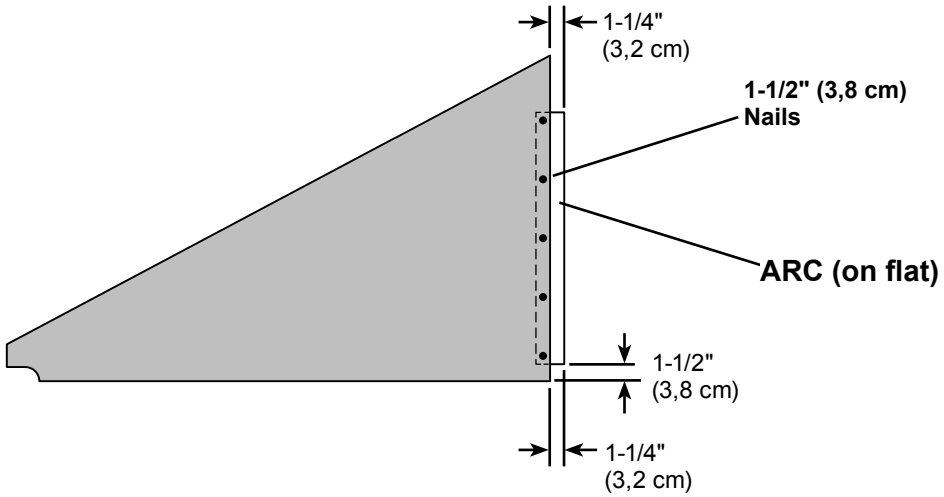


Assemble gable unit panels with the primed side facing up.

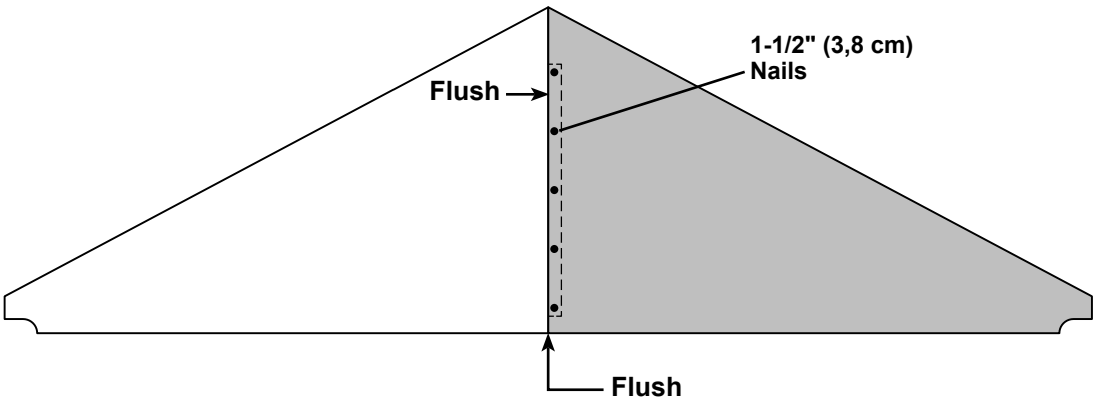
✓**BEGIN**

1 Orient (1) gable support **ARC** on the flat side, as shown.

Install left gable panel as shown. Secure with 1-1/2" nails.



2 Install right gable panel flush to left panel. Secure with 1-1/2" nails.



Repeat steps to build a 2nd gable unit.

GABLE UNIT INSTALLATION

PARTS REQUIRED: x56 2" (5,1 cm) x4 3" (7,6 cm)

x2 Gable Units

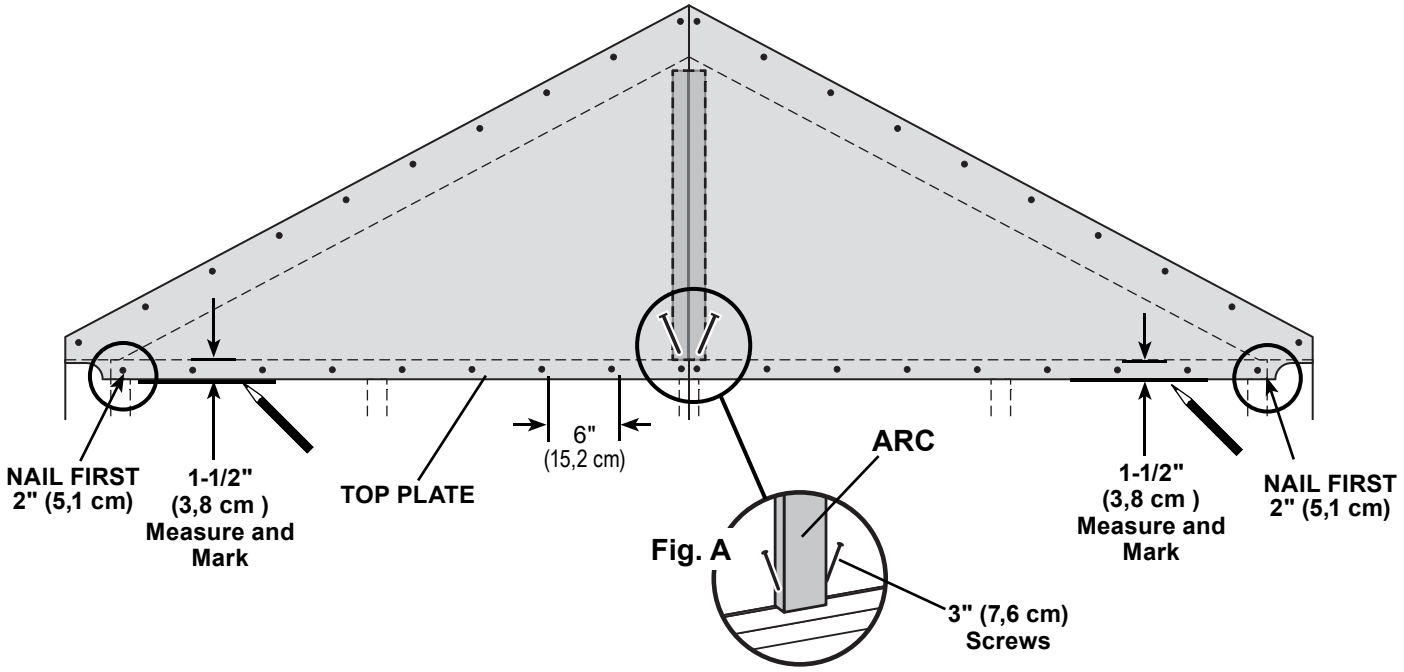
BEGIN

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

⚠ **ENSURE GABLE IS CENTERED ON WALL BEFORE NAILING.**

2 Continue nailing lower edge of panels into top plate with 2" nails spaced 6" apart.

3 Working inside, secure gable unit with (2) 3" screws into **ARC** at an angle **(Fig. A)**.



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

Repeat steps to install 2nd gable unit on the opposite side.

FINISH

Your gable units are now installed

ROOF PANELS

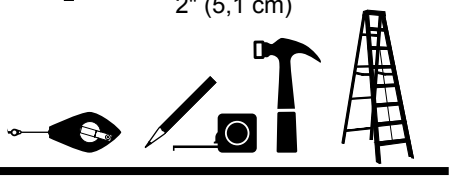
PARTS REQUIRED:

x4 2" (5,1 cm)

x2 7/16 x 10-3/4" x 96" (1,1 x 27,3 x 243,8 cm)

x2 7/16 x 47-7/8 x 48" (1,1 x 121,6 x 121,9 cm)

GAA 3/4" GAUGE BLOCK

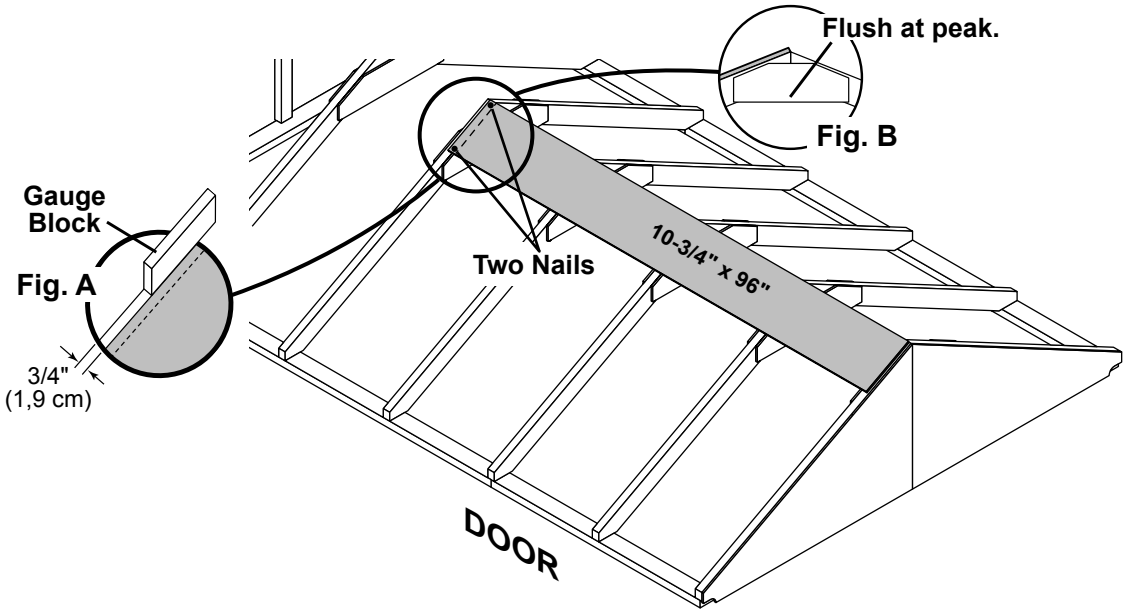


Roof panels may cause serious injury until securely fastened.
Note: Install all roof panels with the rough side up (painted grid lines).

BEGIN

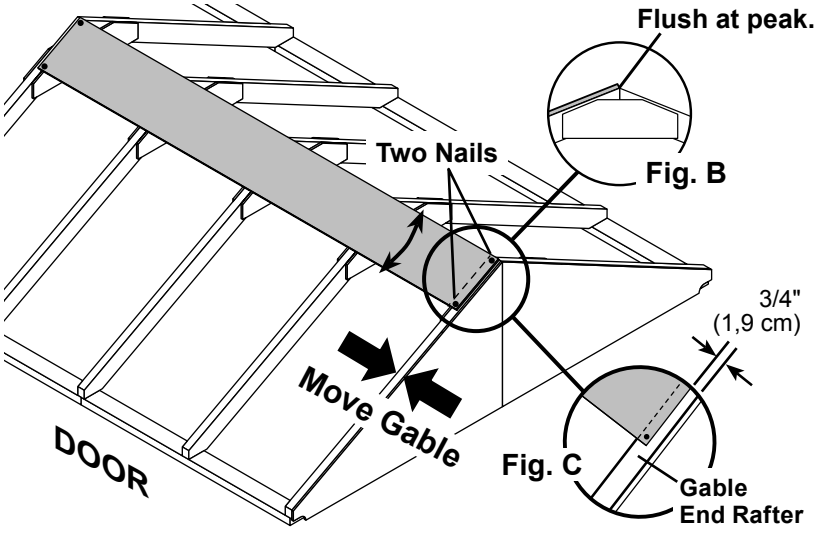
1 Install an **10-3/4" x 96"** panel on rafters with a 3/4" measurement on the rafter **(Fig A)** and the panel flush at the rafter peak **(Fig. B)**.

Secure panel with (2) 2" nails in the corners.



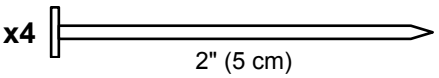
2 Move to the opposite end.
Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak **(Fig. B)** and there is a 3/4" measurement to the gable end rafter **(Fig. C)**. Move the gable unit if necessary.

Secure panel with (2) 2" nails in the corners.



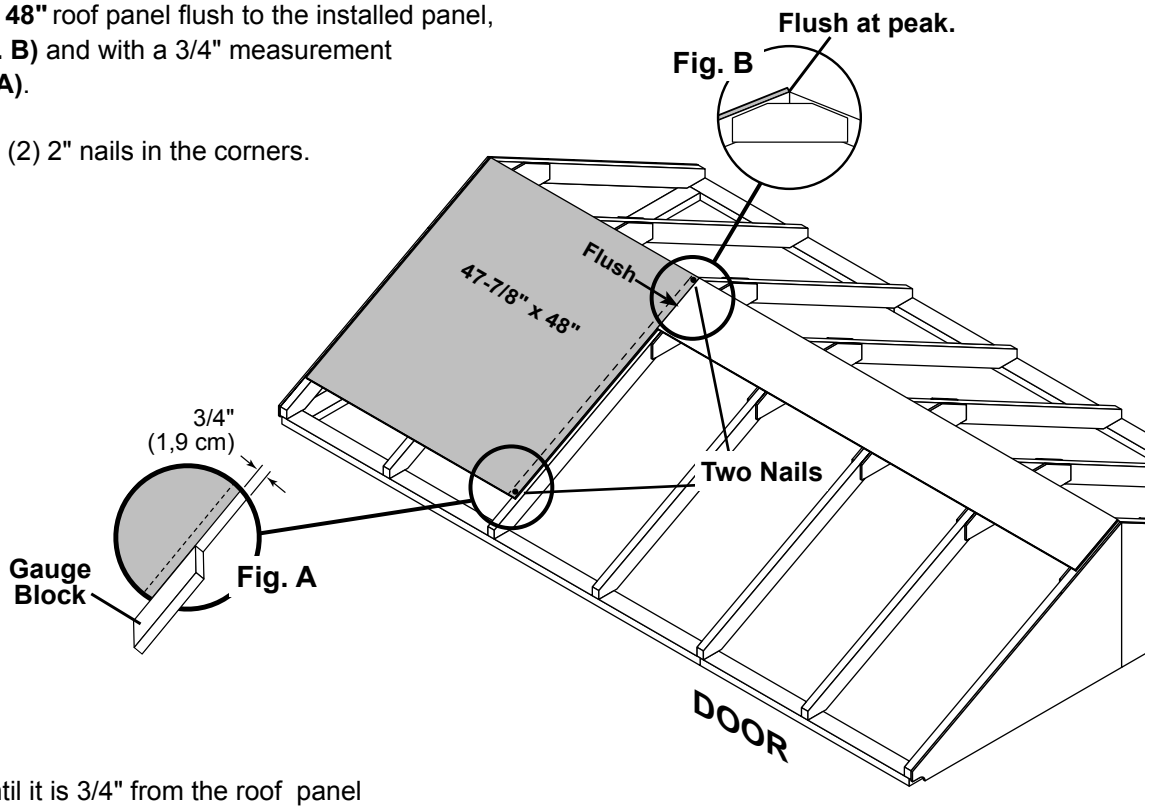
ROOF PANELS

PARTS REQUIRED:



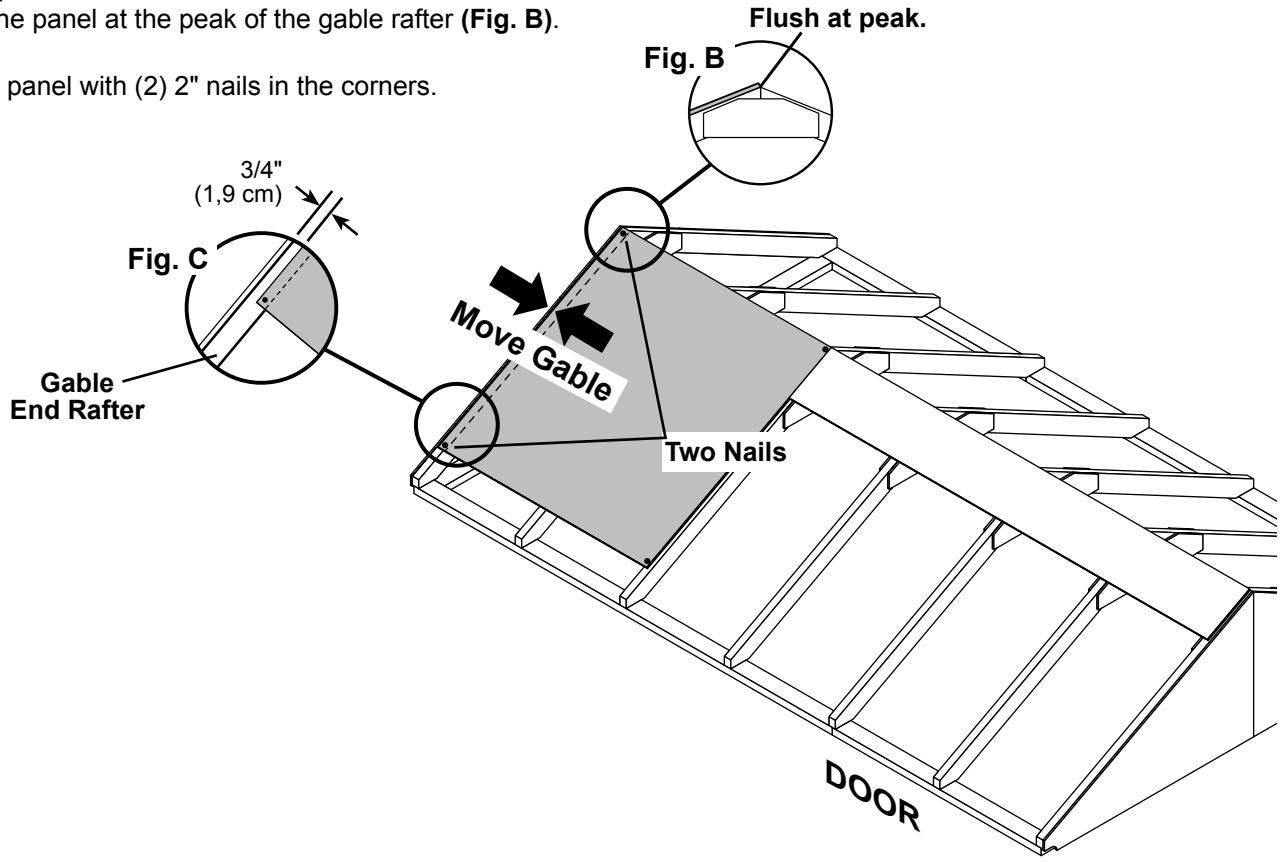
3 Install a **47-7/8" x 48"** roof panel flush to the installed panel, flush at peak **(Fig. B)** and with a 3/4" measurement on the rafter **(Fig A)**.

Secure panel with (2) 2" nails in the corners.



4 Move the gable until it is 3/4" from the roof panel **(Fig. C)**.
Flush the panel at the peak of the gable rafter **(Fig. B)**.

Secure panel with (2) 2" nails in the corners.



ROOF PANELS

PARTS REQUIRED:

x2 7/16 x 10-3/4" x 48"
(1,1 x 27,3 x 121,9 cm)

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

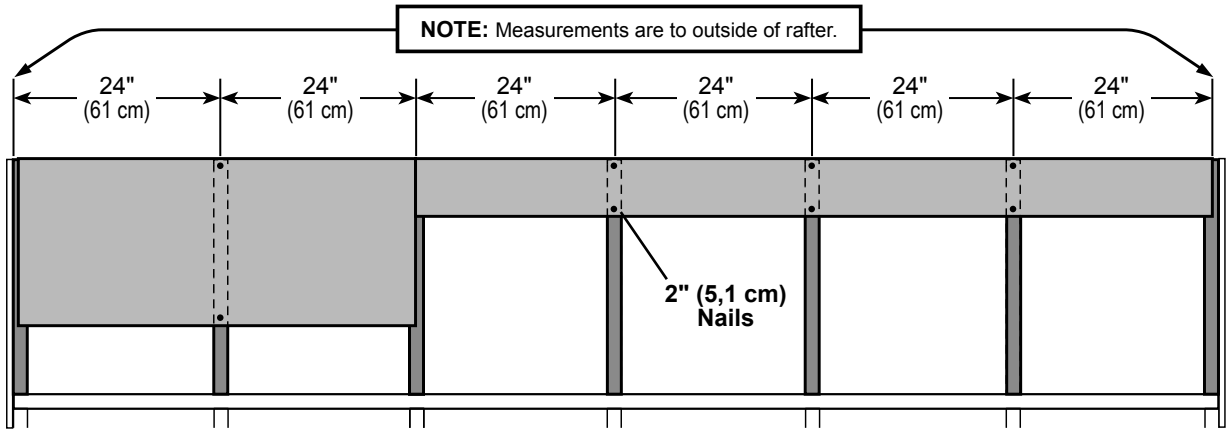
x16 2" (5 cm)

5 Maintain spacing between the center of the rafters **(Fig. D)**.

Secure panels with (1) 2" nail into each rafter.

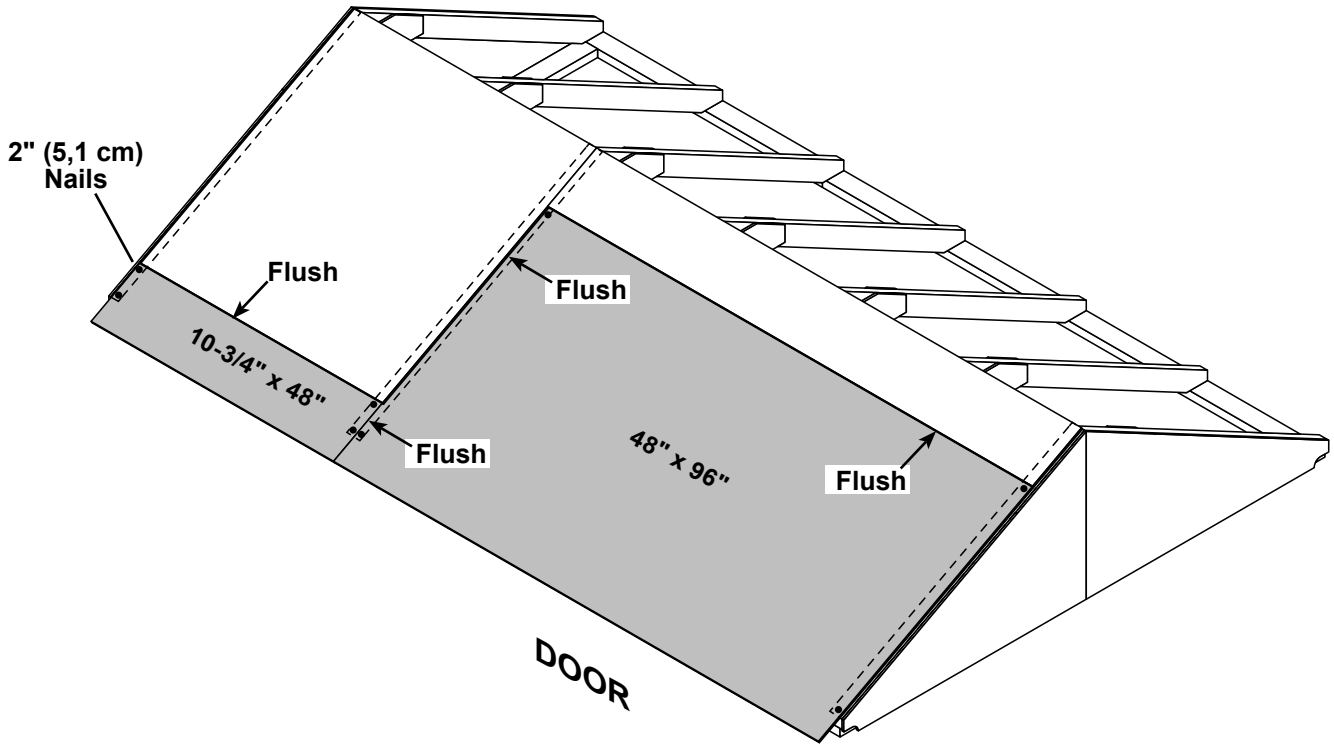
Move to the bottom of the panel and secure panels with (1) 2" nail into each rafter.

Fig. D



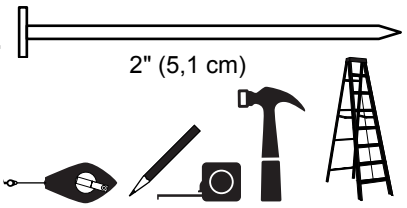
6 Install **48" x 96"** and **10-3/4" x 48"** roof panels flush to the installed panels.

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

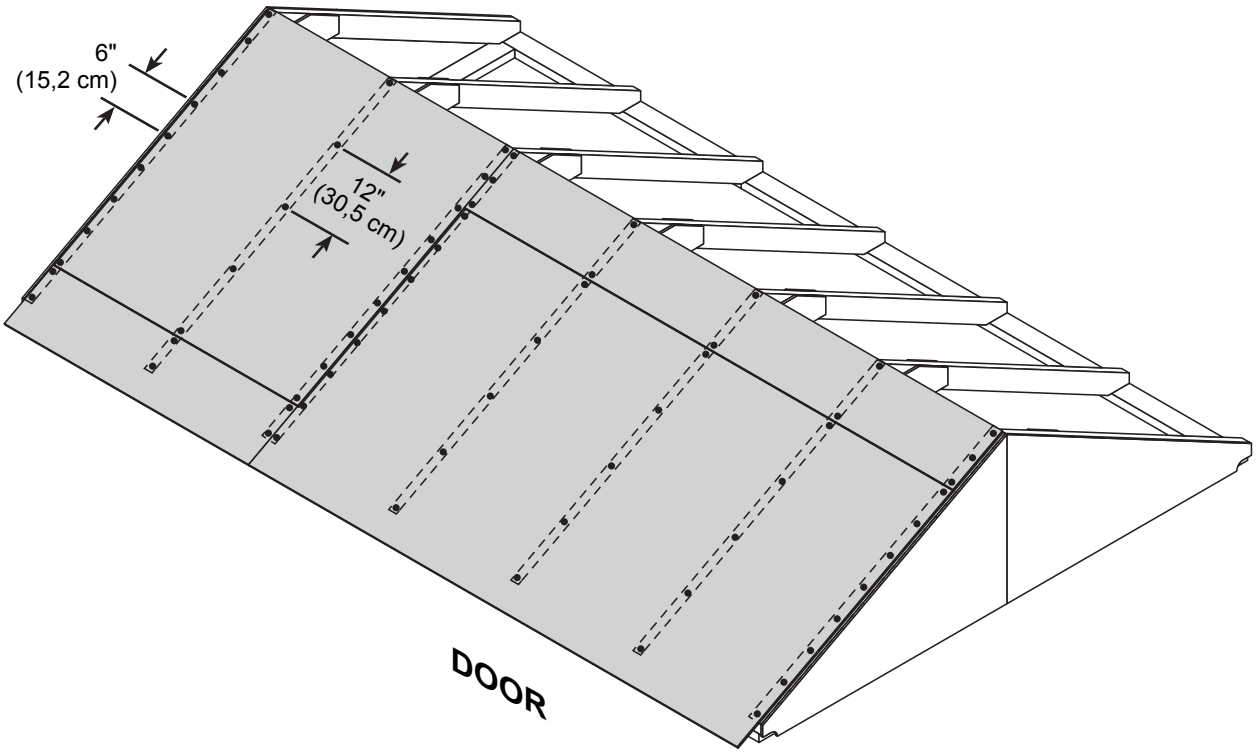


ROOF PANELS

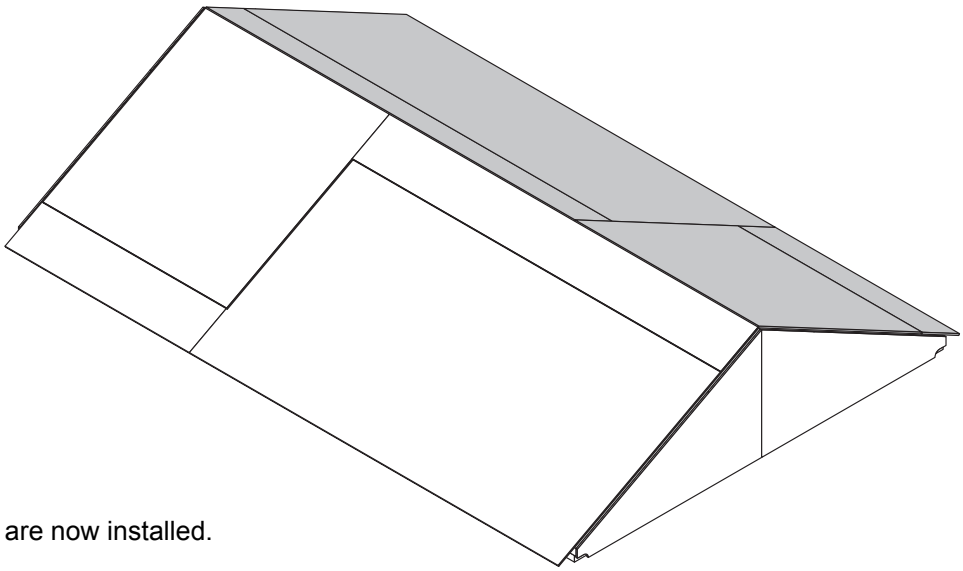
PARTS REQUIRED:



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



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



FINISH

Your roof panels are now installed.

Remove all the temporary wall supports.

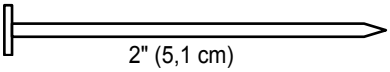
COLLAR TIES

PARTS REQUIRED:

x2 **GUA**

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

x12



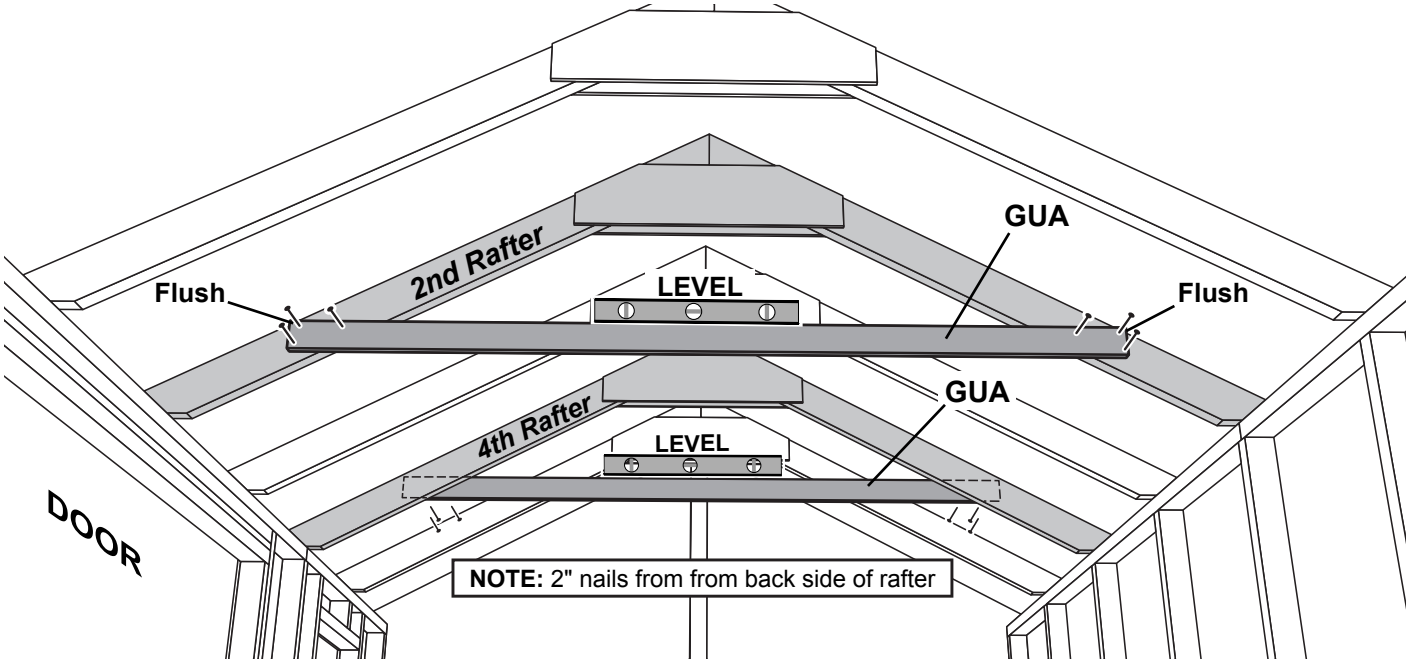
2" (5,1 cm)

BEGIN

1 Install and level collar ties **GUA** on ***2nd rafter*** (which is the rafter above center of the door) and on the back of the ***4th rafter***.

Ensure collar tie is level and flush to roof panels.

Secure collar tie to rafter with (3) 2" nails at each end.



FINISH

Your collar ties are now installed.

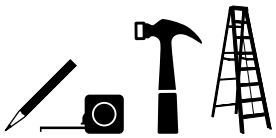
GABLE TRIM

PARTS REQUIRED:

x40 2" (5,1 cm)

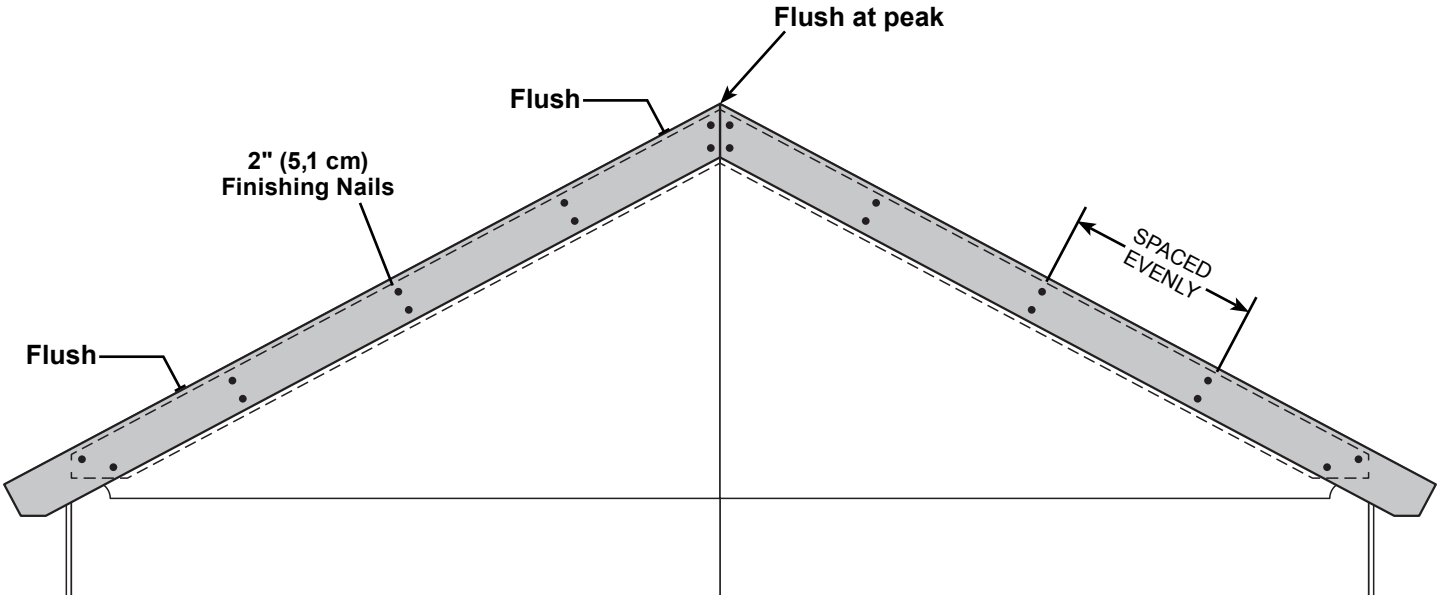
x2 **GFL**
19/32 x 3-1/2 x 60" (1,5 x 8,9 x 152,4 cm)

x2 **GFR**
19/32 x 3-1/2 x 60" (1,5 x 8,9 x 152,4 cm)



BEGIN

1 Install **GFL** and **GFR** primed side out, flush to top of roof panels and flush at peak.
Secure trim to rafter with 2" finishing nails spaced evenly and as the pattern below shows.



Repeat step 1 to install REL and RER on opposite side.

FINISH

Your gable trim is now installed.

SOFFIT TRIM

PARTS REQUIRED:

x78 1-1/4" (3,2 cm)

x2 VVC
2 x 4 x 49-3/4" (5,1 x 10,2 x 126,4 cm)

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

BEGIN

1 Install parts **TP** and **VVC** flush to bottom of roof overhang and flush to wall panel as shown **(Fig. A)**. Secure with 3" nails in the pattern shown.

****Part VVC may need to be trimmed to fit****

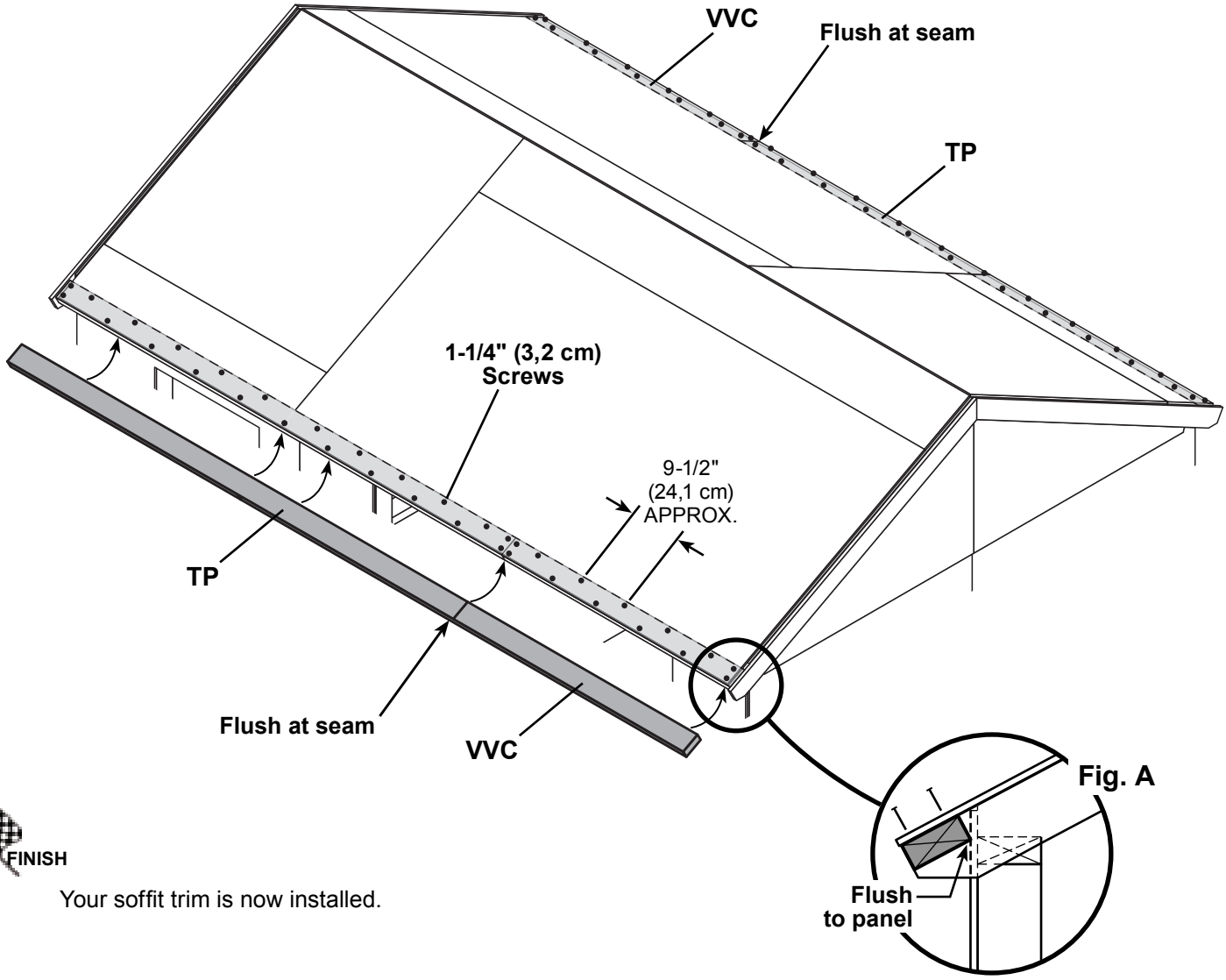


Fig. A

FINISH

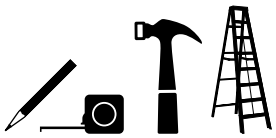
Your soffit trim is now installed.

EAVE FASCIA

PARTS REQUIRED:

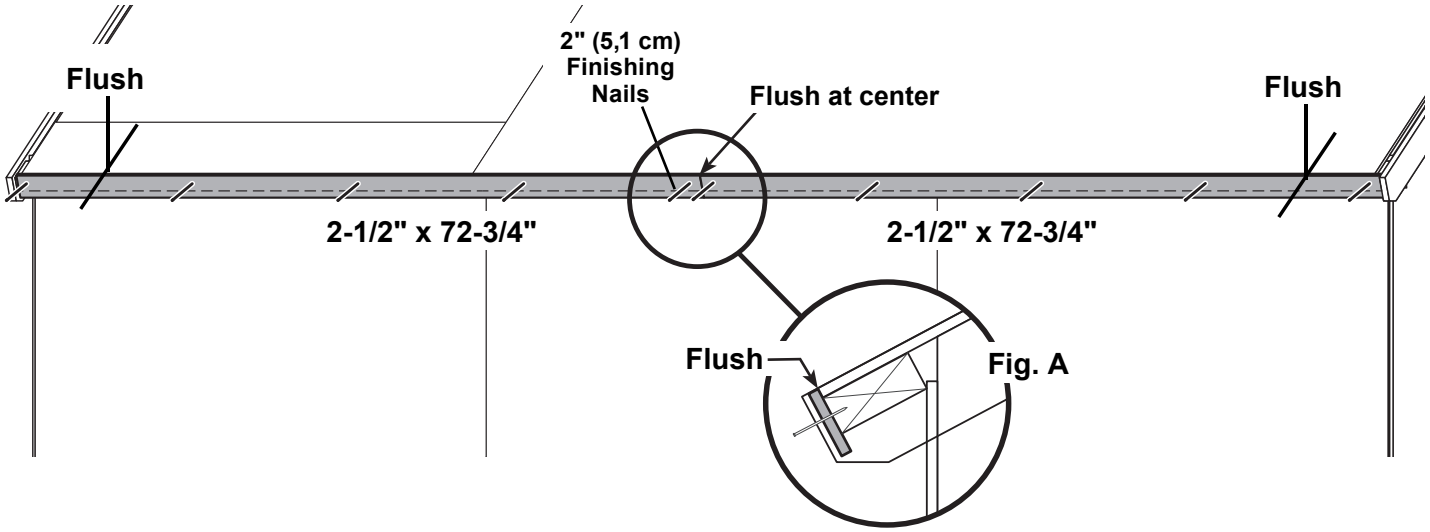
x20 2" (5,1 cm)

x4
3/8 x 2-1/2 x 72-3/4" (1,0 x 6,3 x 184,8 cm)



BEGIN

1 Install **2-1/2" x 72-3/4"** fascia flush at center and flush with top of roof panels **(Fig. A)**.
Secure fascia to soffit 2 x 4 overhang with 2" finishing nails.



Repeat steps for opposite side of shed.

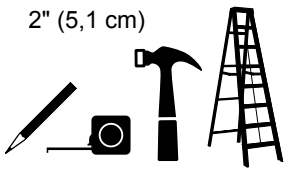
FINISH
Your eave fascia is now installed.

CORNER TRIM

PARTS REQUIRED:

x8 3/8 x 1-3/4 x 75-3/4" (1 x 4,4 x 192,4 cm)

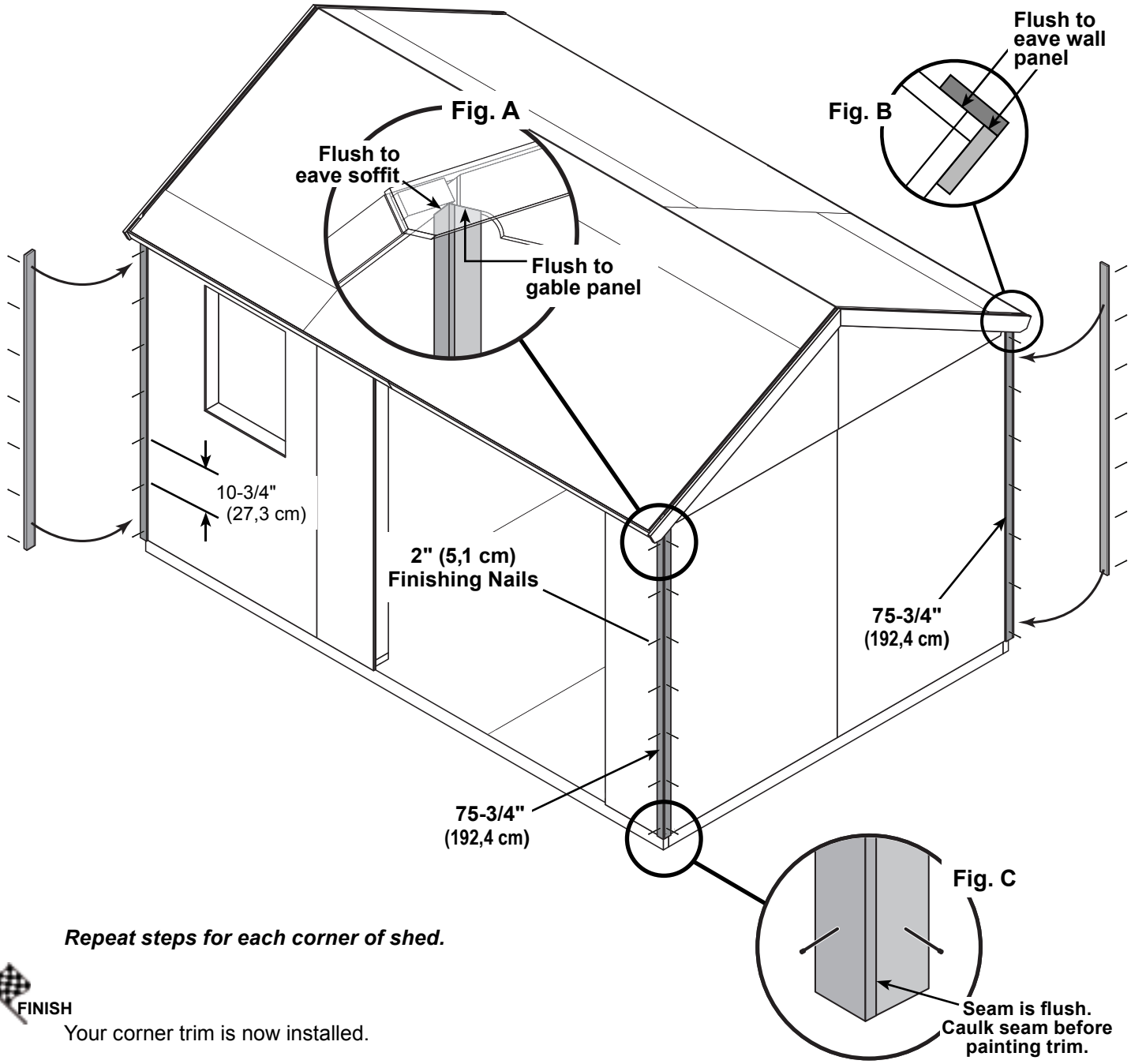
x56 2" (5,1 cm)



BEGIN

1 Install eave side **75-3/4"** corner trim under eave soffit, **(Fig. A)** and flush to eave wall panel **(Fig. B)**. Secure with 2" finishing nails spaced evenly.

2 Install gable side **75-3/4"** corner trim flush along seam of installed trim **(Fig. C)** and flush to gable panel **(Fig. A)**. Secure with 2" finishing nails spaced evenly.



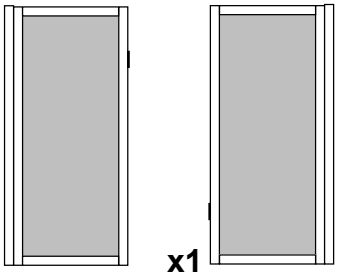
Repeat steps for each corner of shed.

FINISH

Your corner trim is now installed.

DOORS

PARTS REQUIRED:



x1 Left Door

x1 Right Door

x1 **OO**

69" (75,3 cm) Door Stiffener

x2 1-1/4" (3,2 cm)

x4 3" (7,6 cm)

GAA

3/4"

GAUGE BLOCK

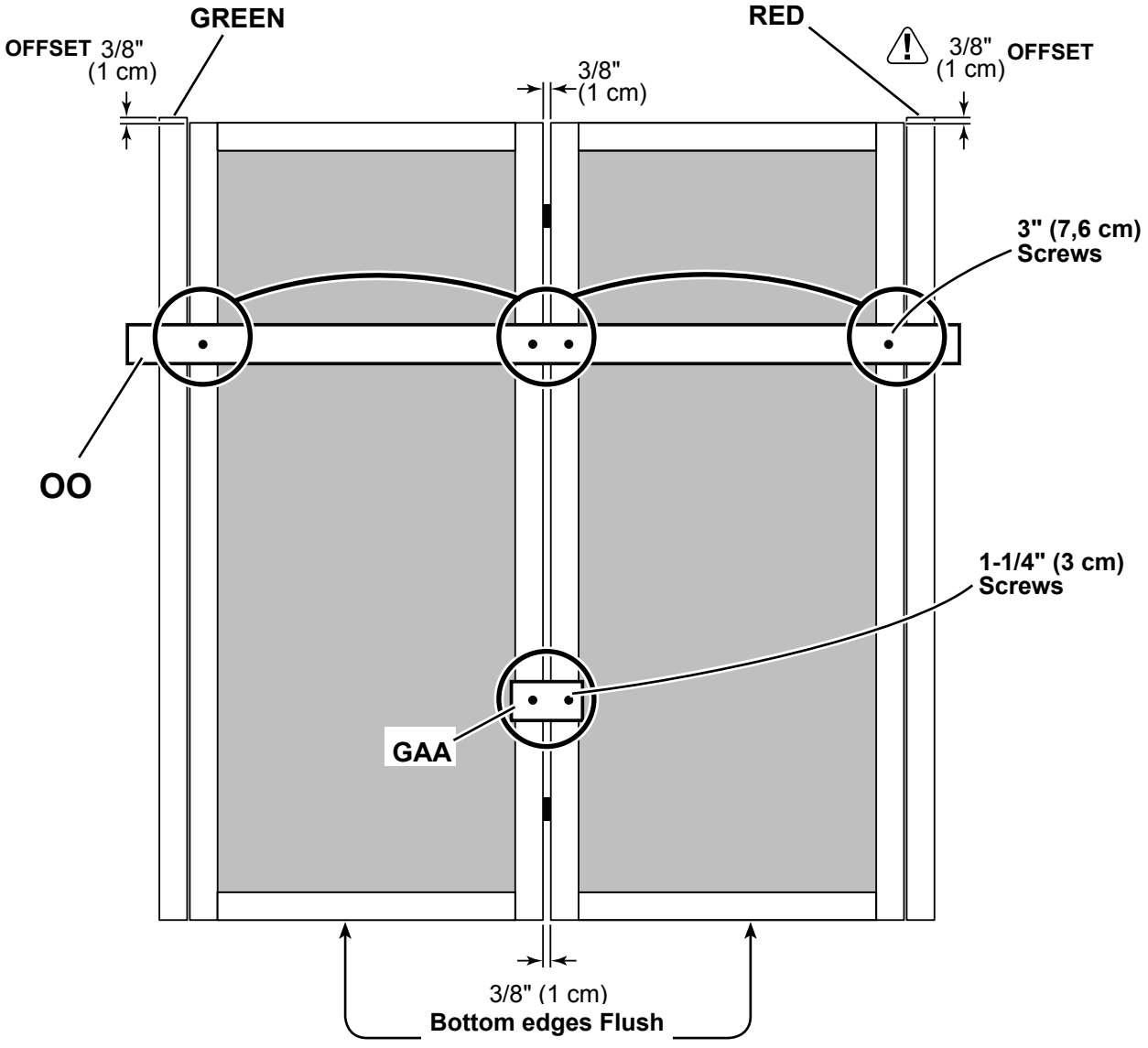
BEGIN

1 Arrange parts as shown on flat surface. ⚠ **3/8" offset is to top.**

Look for red (right) and green (left) on hinge board.

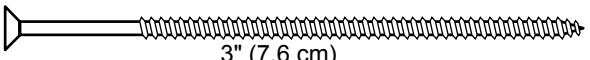
Secure temporary support **OO** with 3" screws.

Secure temporary support **GAA** at bottom with 1-1/4" screws.



DOORS

PARTS REQUIRED:

x12 
3" (7,6 cm)

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

2 Install temporary support **OO** flush under wall panels. Secure with (2) 3" screws **(Fig. A)**.

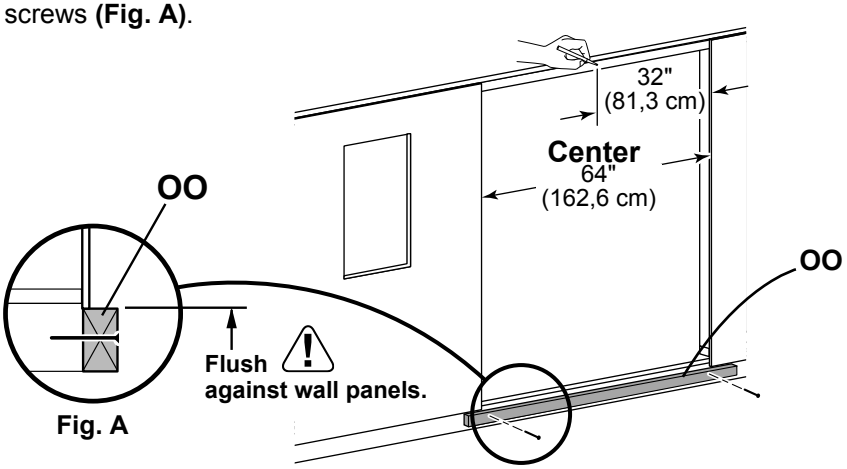


Fig. A

3 Measure and mark center of door opening. Center doors on mark as shown **(Fig. B)**. Screw hinge boards to door framing with 3" screws.

Remove temporary supports and ledger board. Check doors open properly.

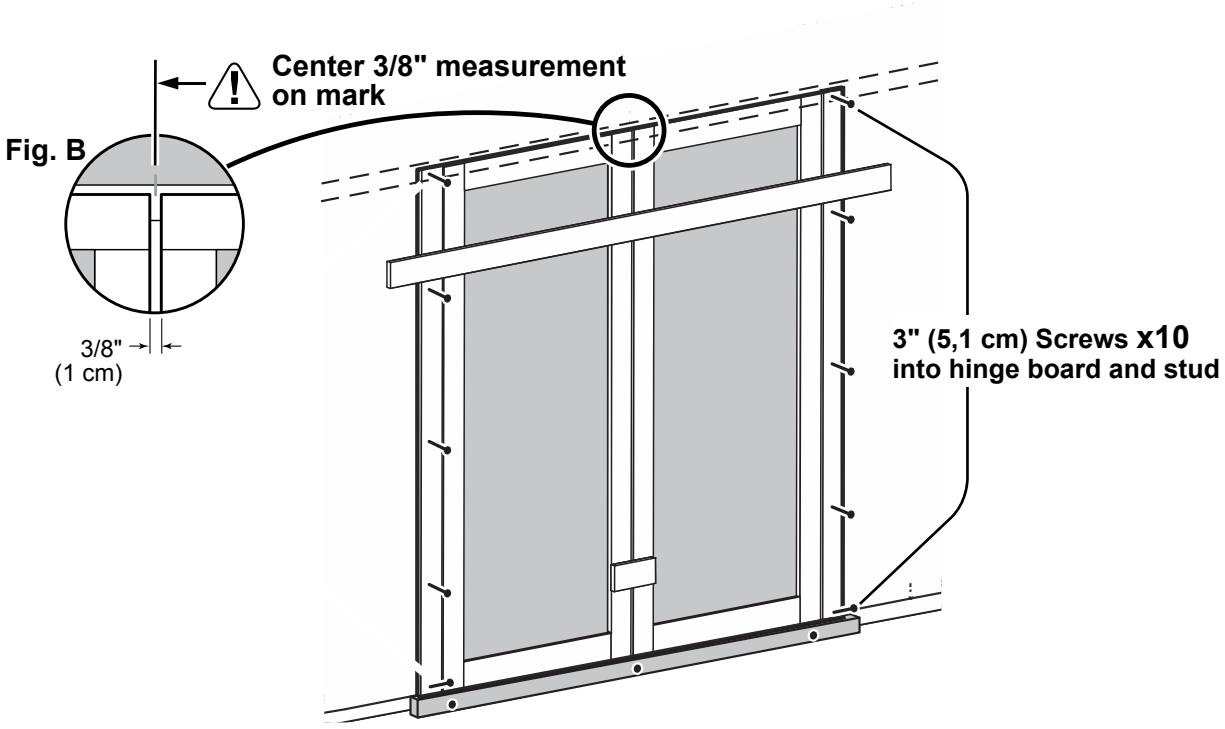


Fig. B

FINISH

Your doors are now installed.

DOOR TRIM

PARTS REQUIRED:

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

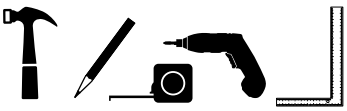
x1 ZJ
19/32 x 3 x 72" (1,5 x 7,6 x 182,9 cm)

x5 2" (5,1 cm)

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

x1 64" Metal Threshold

x56 3/4" (1,9 cm)

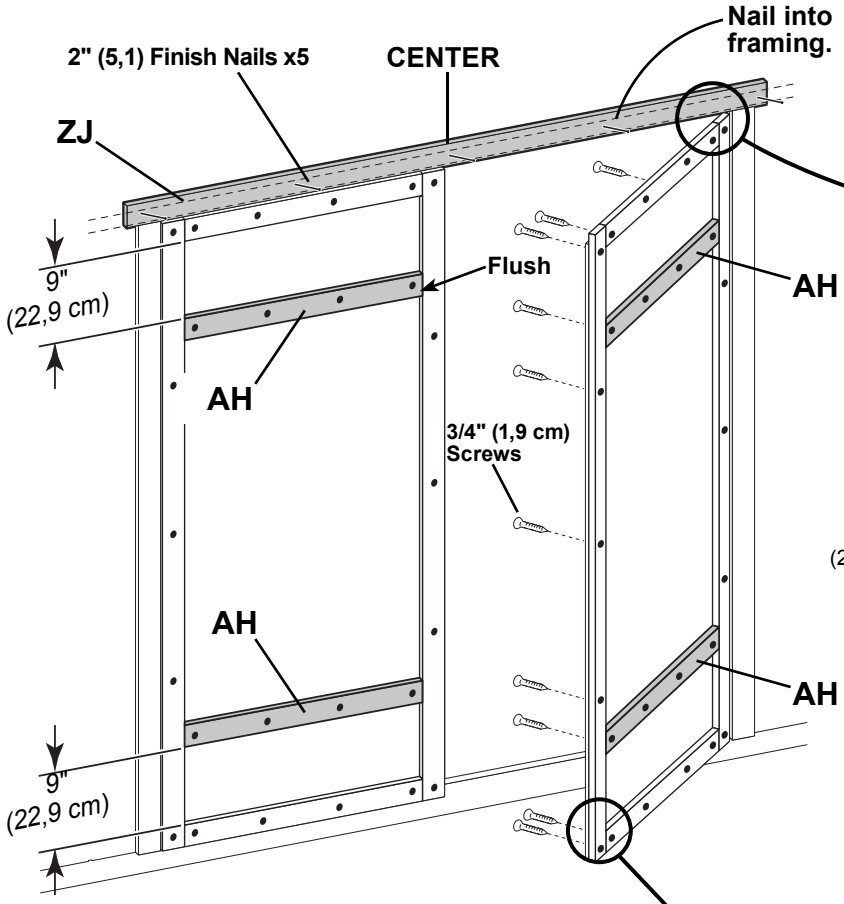


BEGIN

1 Secure door trim from inside with 3/4" screws as shown **(Fig. A)**.
Secure horizontal door rails **AH** with (4) 3/4" screws from inside of doors.

2 Reinforce the door trim with 3/4" screws through door panel into trim **(Fig. A)**.
Locate screws as shown **(Fig. B)**. Secure with (2) screws at seams.

3 Center trim **ZJ** over doors and secure with (5) 2" nails into framing.



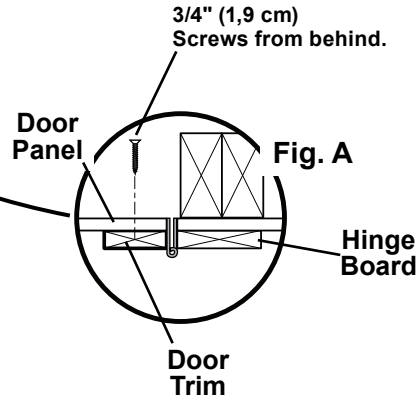
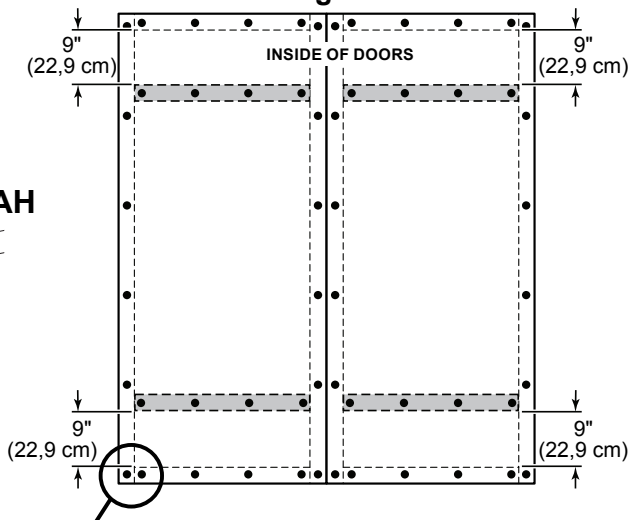


Fig. B



4 Center metal threshold between doors and secure with (11) 3/4" special coating screws into floor **(Fig. D)**.

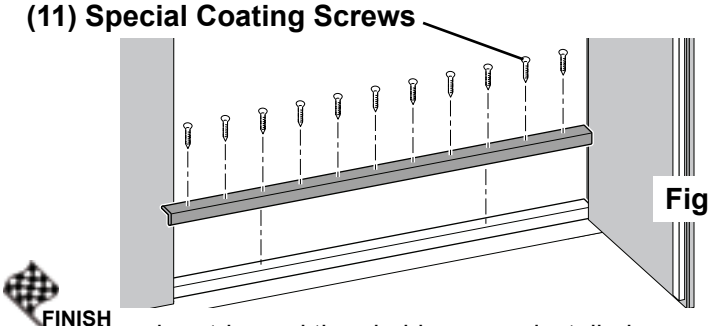


Fig. D

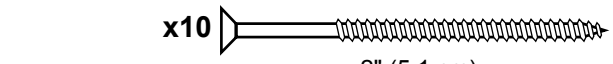
FINISH

Your door trim and threshold are now installed.

DOOR STIFFENERS

PARTS REQUIRED:

x10



2" (5,1 cm)

x2 **OO**

69" Door Stiffener (175,3 cm)

BEGIN

1. Center **OO** vertically on the left door in the door opening flush with the edge of door **(Fig. A**).

2. Secure with (5) 2" screws through outside trim into **OO (Fig. B)**

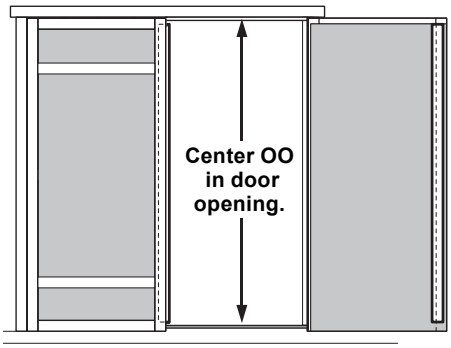
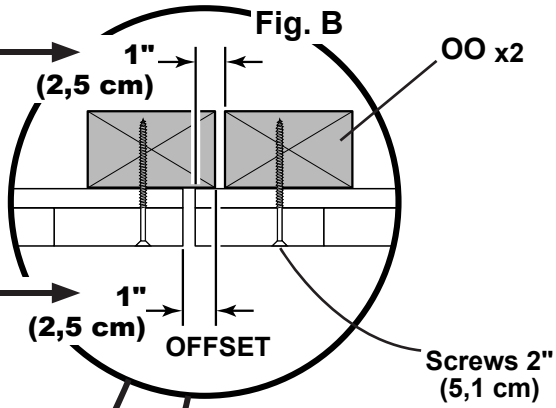
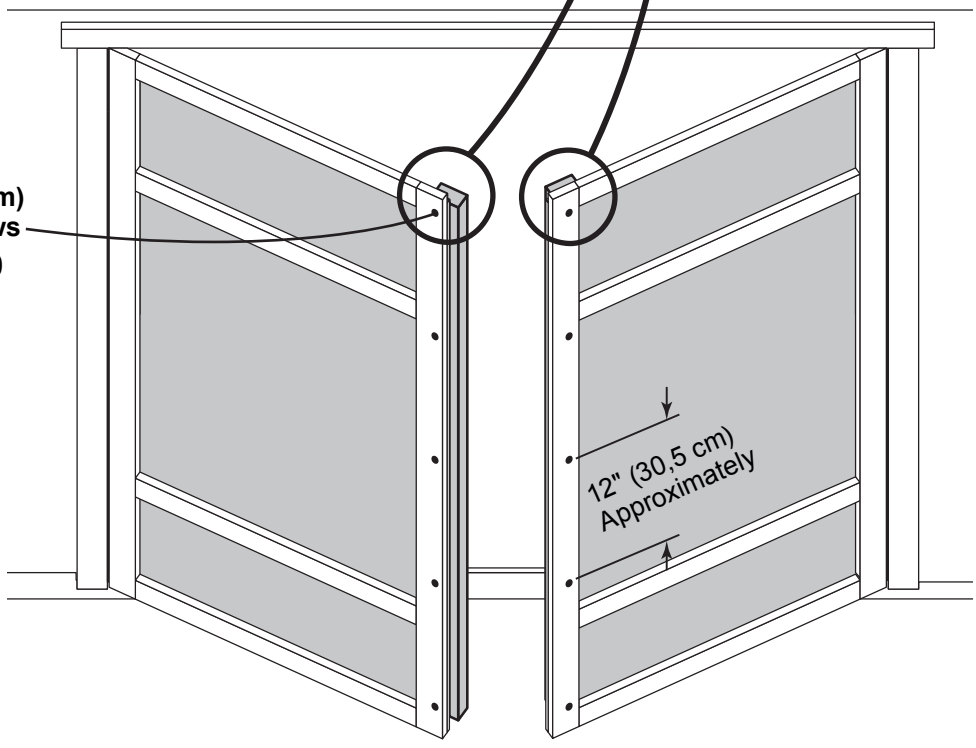


Fig. A

IT IS IMPORTANT TO HOLD THESE DIMENSIONS





Repeat steps to install OO on the right door.

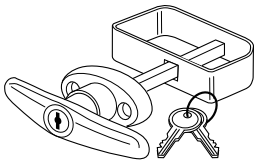
FINISH

Your door stiffeners are now installed.

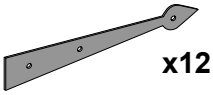
DOOR HARDWARE

PARTS REQUIRED:

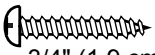
x1



x4

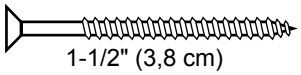


x12



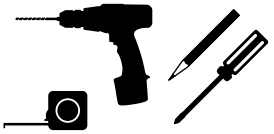
3/4" (1,9 cm)

x2



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

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



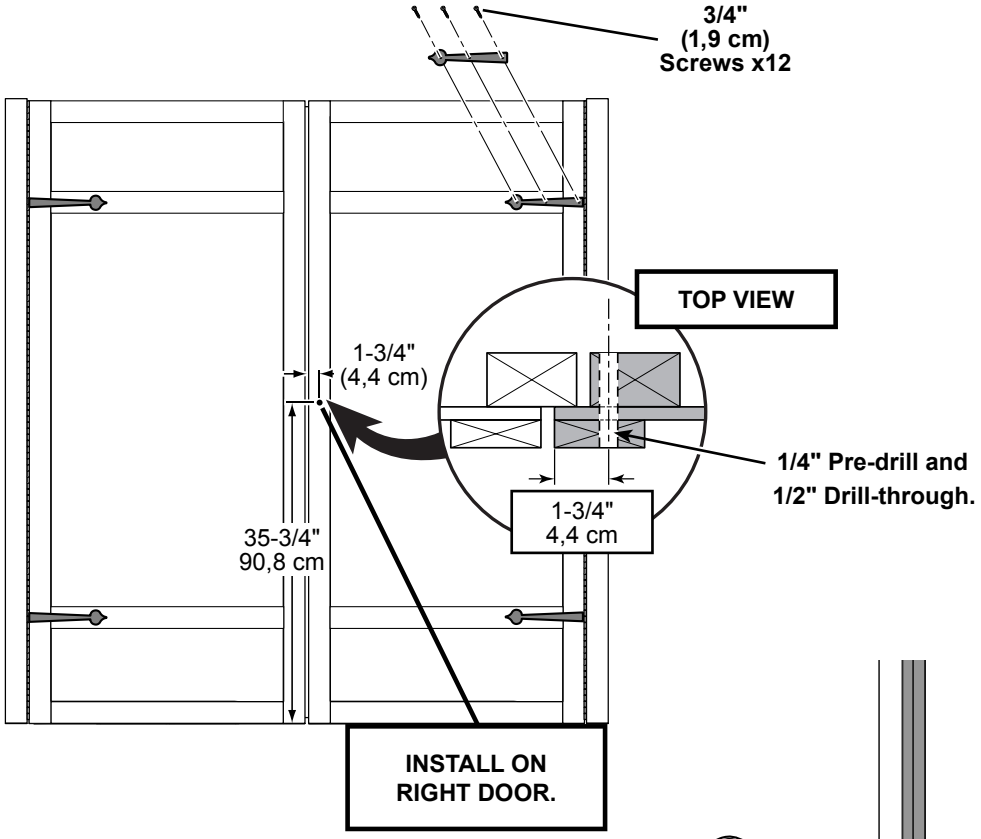
BEGIN

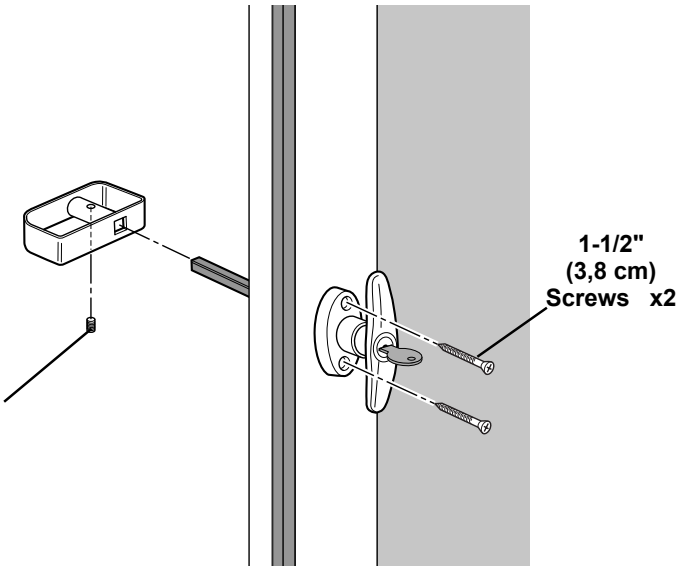
1 Measure and mark position on right door as shown.

Pre-drill 1/4" hole at mark. Finish hole with 1/2" drill bit.

2 Position hardware in hole and secure with screws as shown.

3 Install decorative hinges on horizontal trim and flush against hinge as shown.





FINISH

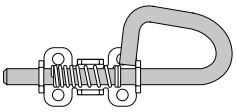
Your door hardware is now installed.

DOOR HARDWARE

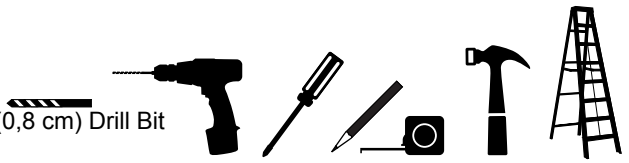
PARTS REQUIRED:

x2

x8



3/4" (1,9 cm)



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

BEGIN

1. Install bolt onto **OO** in open position with bolt end 3/8" (0,8 cm) down from frame. Bolt is open when loop is contacting base **(Fig A)**.

2. Mark and pre-drill holes for screws. Install bolt with screws supplied.

   Drill 5/16" (0,8 cm) hole deep enough for bolt to slide into.

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

4. Mark and pre-drill holes for screws. Install bolt with screws supplied.

   Drill 5/16" (0,8 cm) hole deep enough for bolt to slide into.

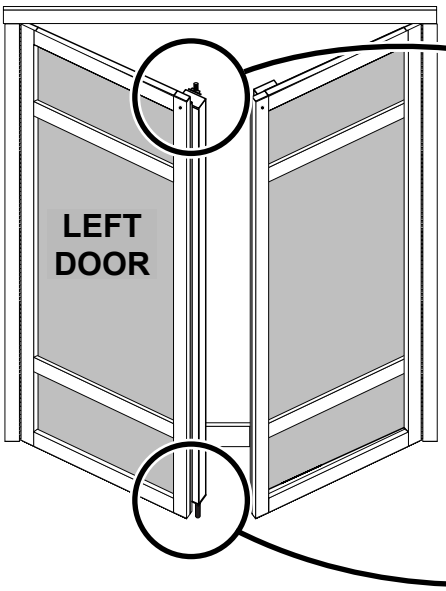


Fig. A

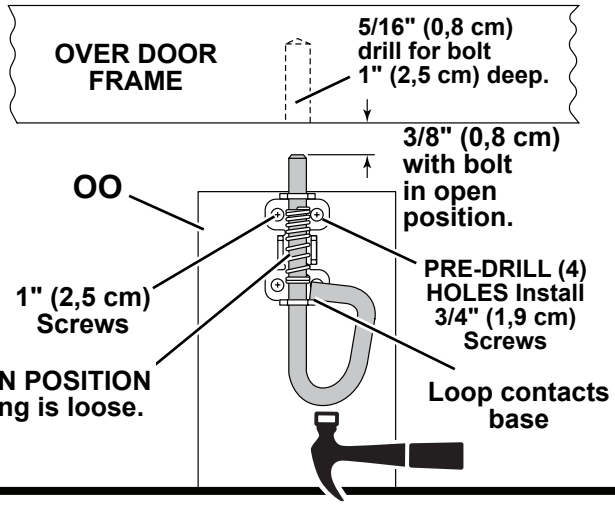
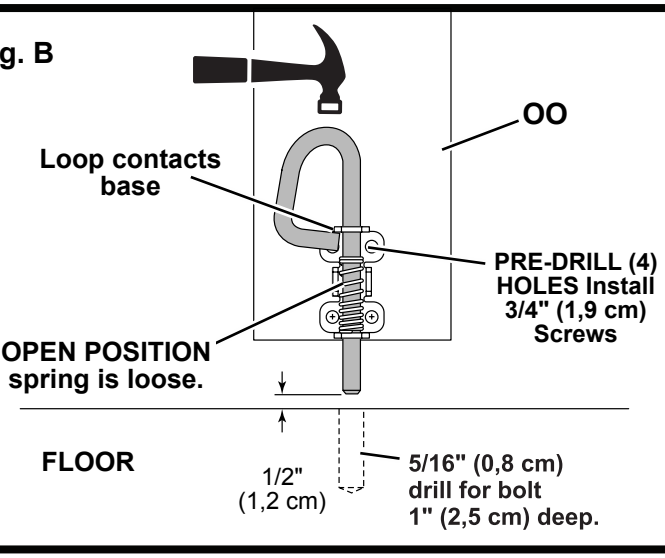


Fig. B



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

FINISH

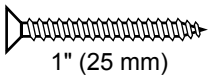
Your spring bolts are now installed.

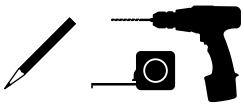
SHUTTERS

PARTS REQUIRED:

x6 AZ 19/32 x 2-1/2 x 30-1/8" (1,5 x 6,3 x 76,5 cm)

x4 DF 19/32 x 2-1/2 x 8-1/2" (1,5 x 6,3 x 21,6 cm)

x12 
1" (25 mm)



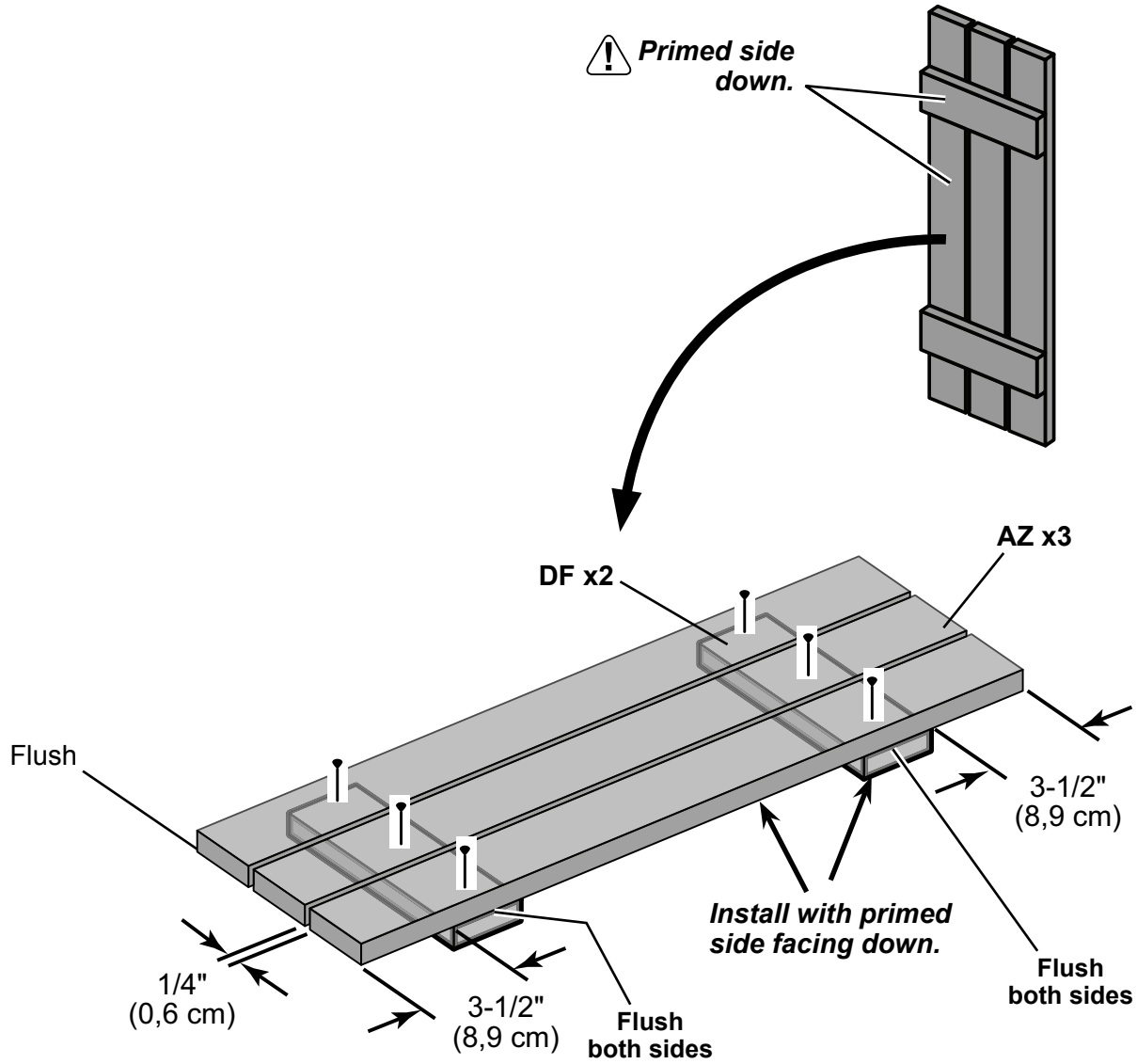
BEGIN

1

Arrange parts primed side-down on a flat surface.

Secure with 1" screws.

Repeat steps to build your second shutter.



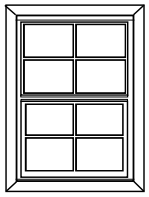
FINISH

Your window shutters are now assembled.

Next, install your window.

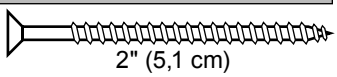
WINDOWS and WINDOW TRIM

PARTS REQUIRED:

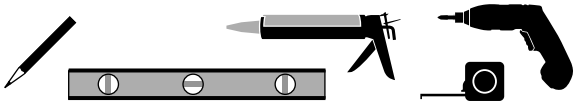


x1 Window

x4



2" (5,1 cm)



✓BEGIN

1

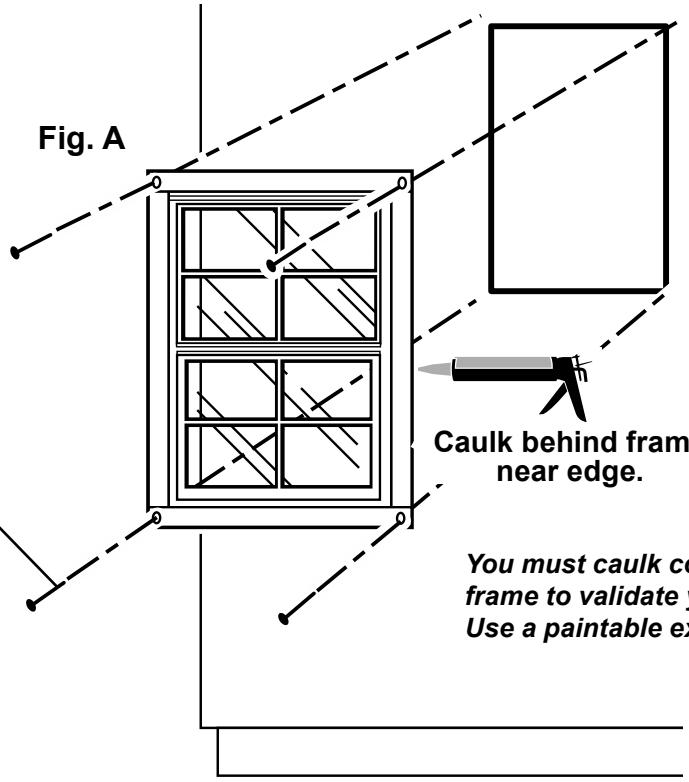
Seal window with high-quality exterior-grade caulk before installing **(Fig. A)**.

2

Install and secure window wth (4) 2" screws, as shown. Ensure window is level and centered.

Use holes on sides of window frame.

Fig. A



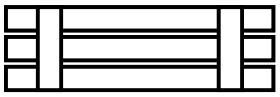
You must caulk completely around window frame to validate your warranty. Use a paintable exterior rated caulk.

WINDOW TRIM and SHUTTERS

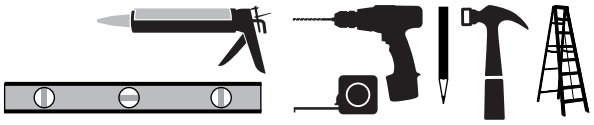
PARTS REQUIRED:

x2 **DT** 19/32 x 2-1/2 x 28-1/8" (1,5 x 6,3 x 71,4 cm)

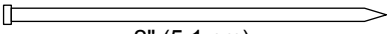
x2



Pre-Assembled Shutter



x20



2" (5,1 cm)

x6

3/4" (19 mm)

BEGIN

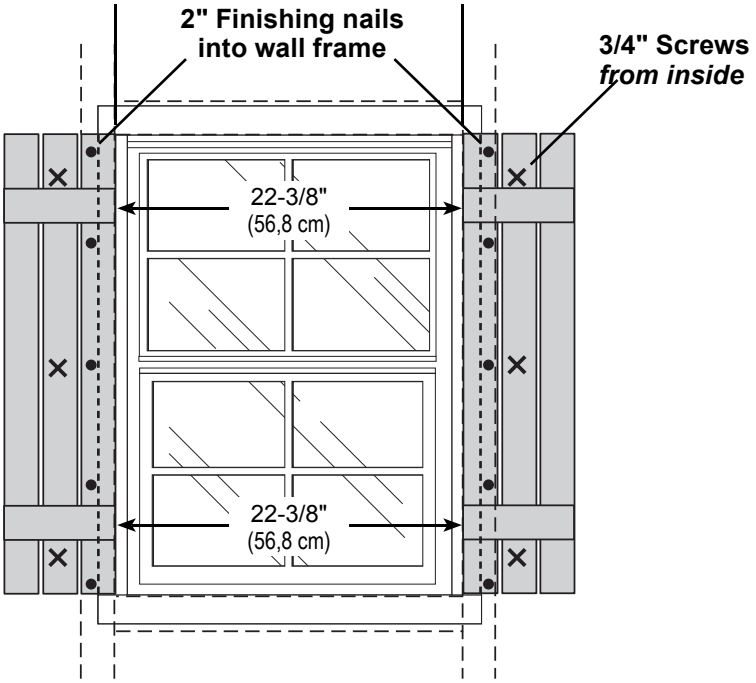
1

Install (1) preassembled shutter centered over window.

Secure with 2" finishing nails at **"dot"** locations. Nail into wall frame inside.

Working inside, secure the shutter indicated at "**X**" locations with (3) 3/4" screws

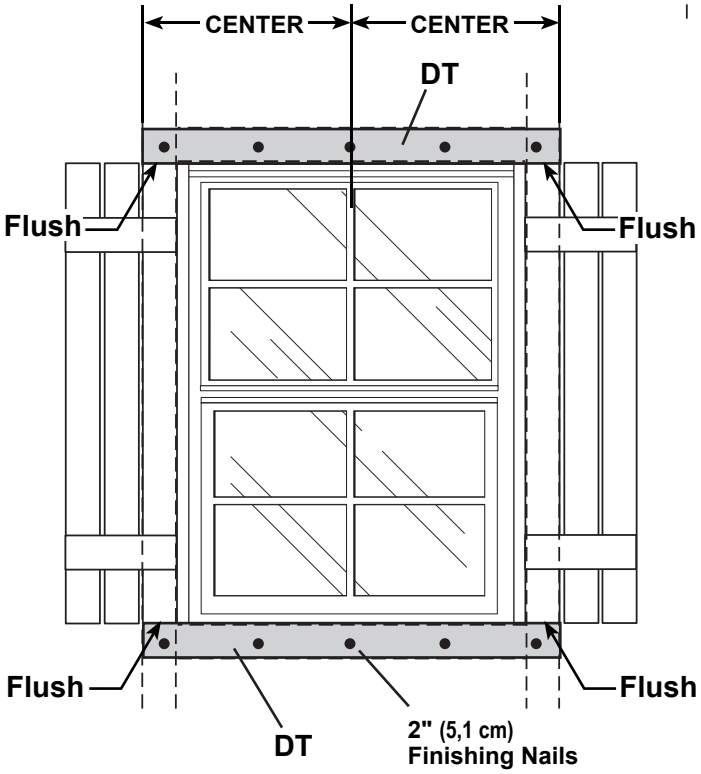
Repeat steps to attach shutter on opposite side.



2

Install (2) **DT** centered above and below shutters. Flush trim to shutters.

Secure with 2" nails.
Nail into framing.



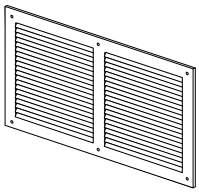
FINISH

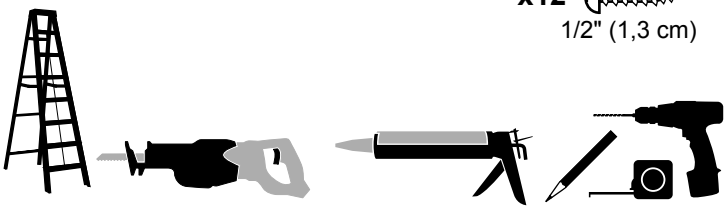
Your shutters and window trim are now installed.

VENTS

PARTS REQUIRED:

x2





x12 1/2" (1,3 cm)

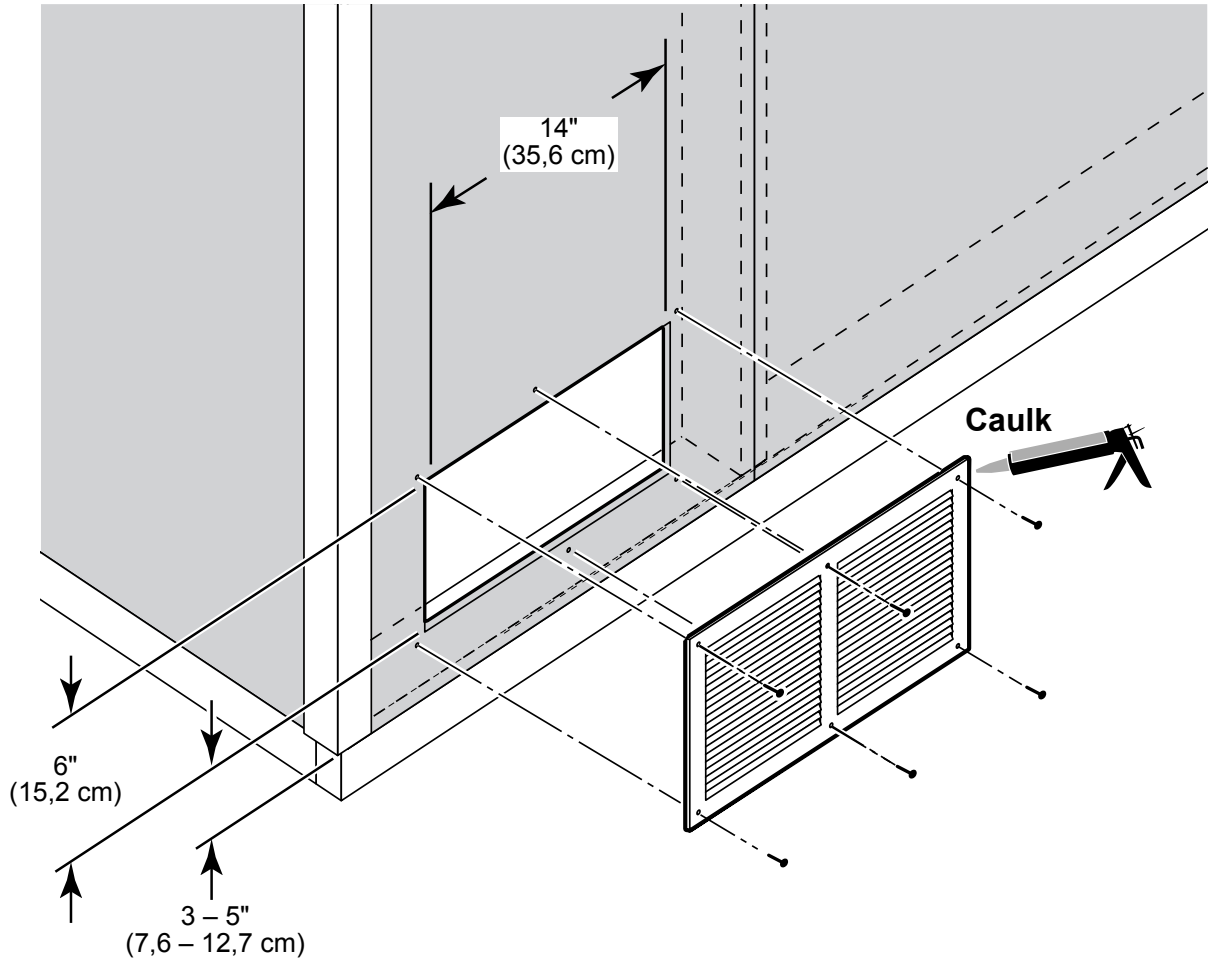
BEGIN

1 Choose two walls for vent locations; one low and one high.
Measure and mark for (2) vents in walls as shown.

Cut out marked openings.

Caulk behind vent flanges.

Secure with 1/2" screws.

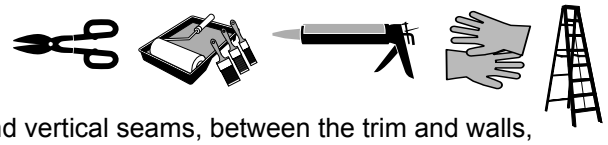


FINISH

Your vents arre now installed

PAINT & CAULK
- NOT INCLUDED -

PARTS REQUIRED:



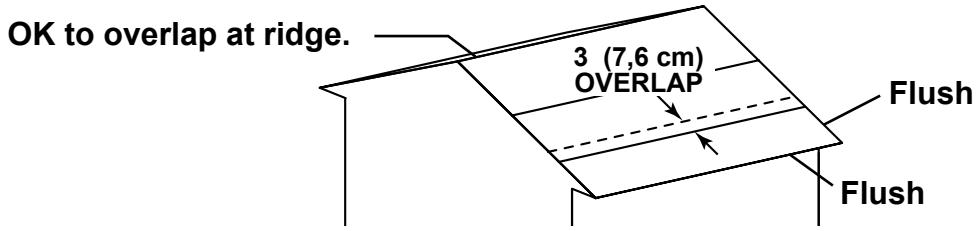
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
  - 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.)

Building Size	Building Paint	Trim Paint	Caulk
12 x 8' (365,8 x 244,8 cm)	2 Gallons	1 Quart	3 Tubes

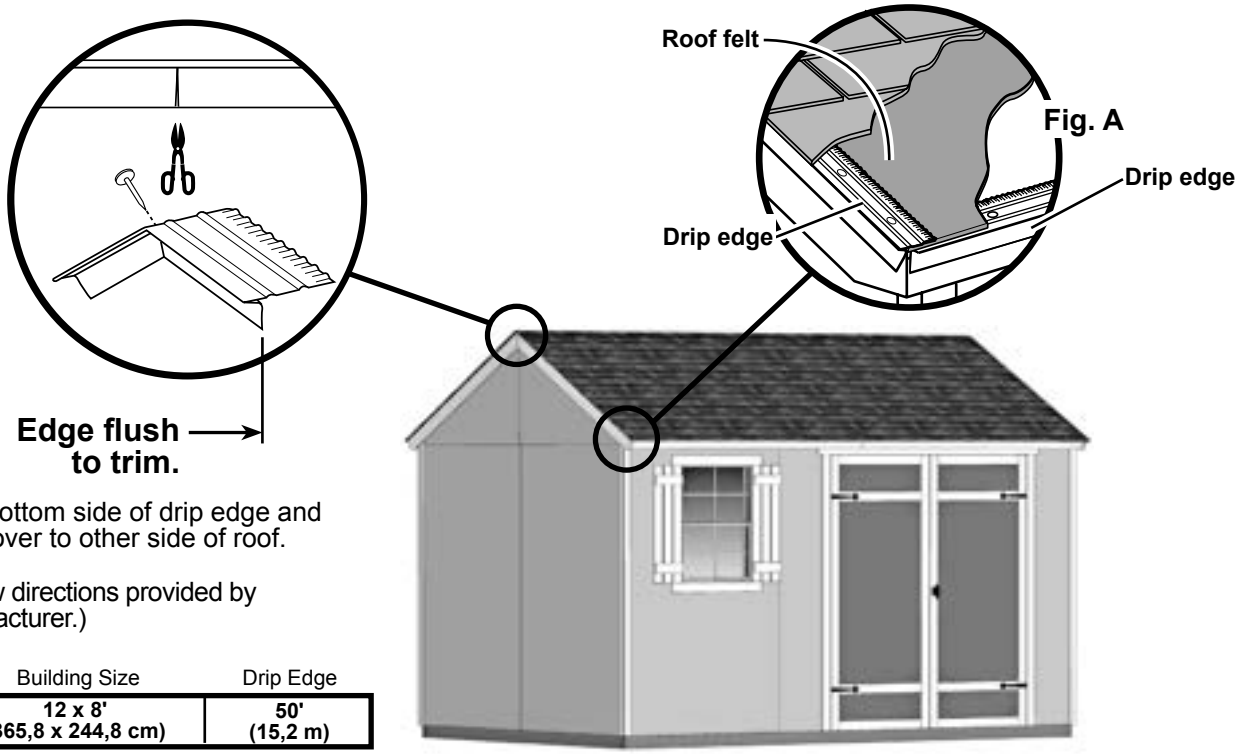
ROOF FELT
- NOT INCLUDED -

- 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.

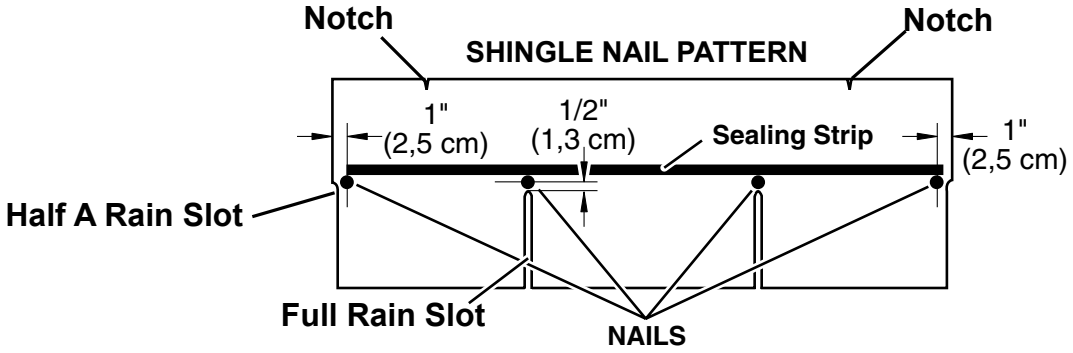
(Follow directions provided by manufacturer.)

Building Size	Drip Edge
12 x 8' (365,8 x 244,8 cm)	50' (15,2 m)

SHINGLES
- NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.

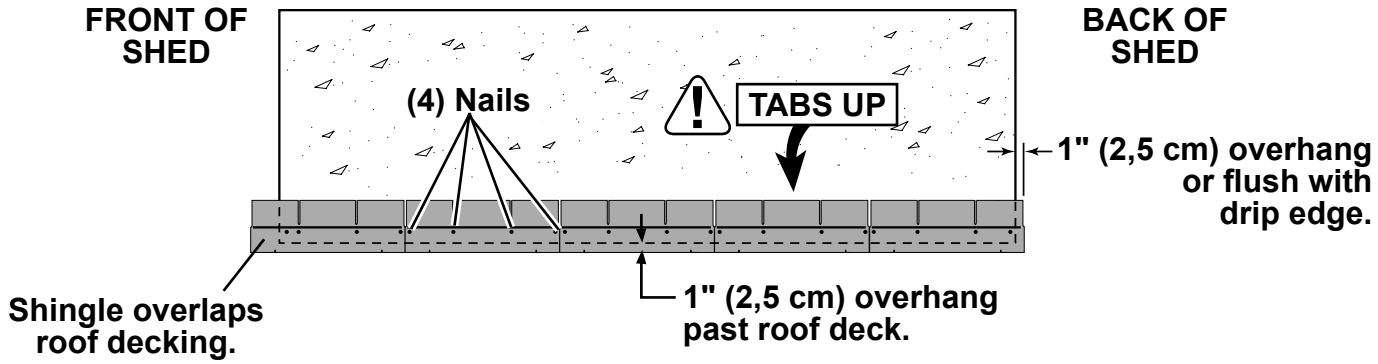
⚠ Familiarize yourself with a 3-Tab Shingle.



⚠ NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

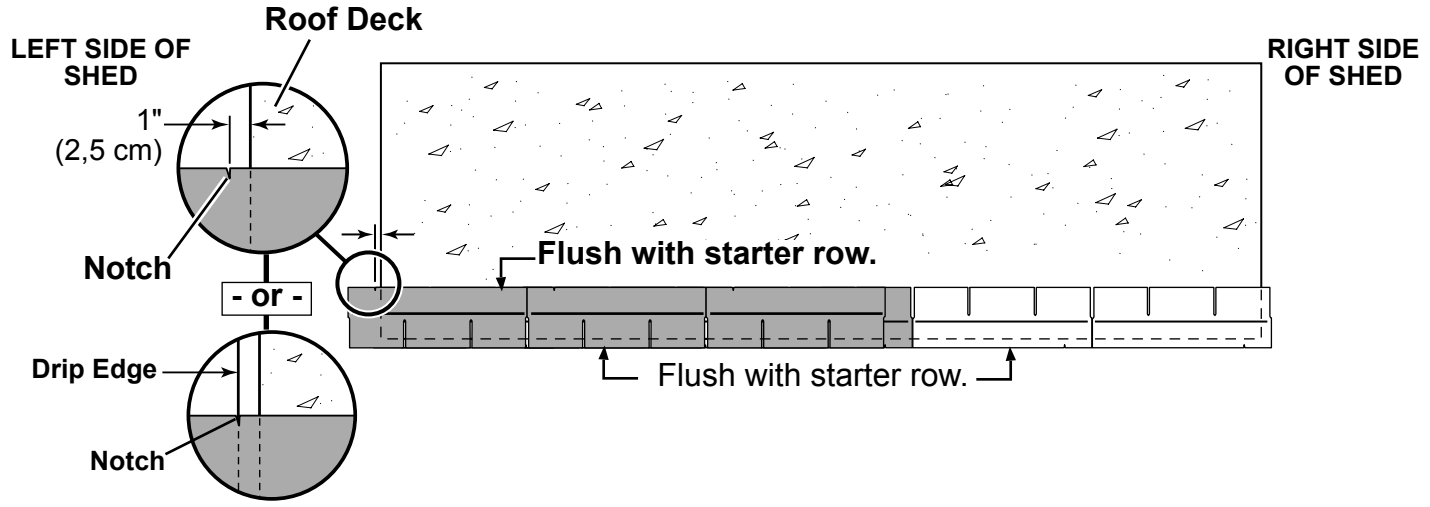
✓BEGIN

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

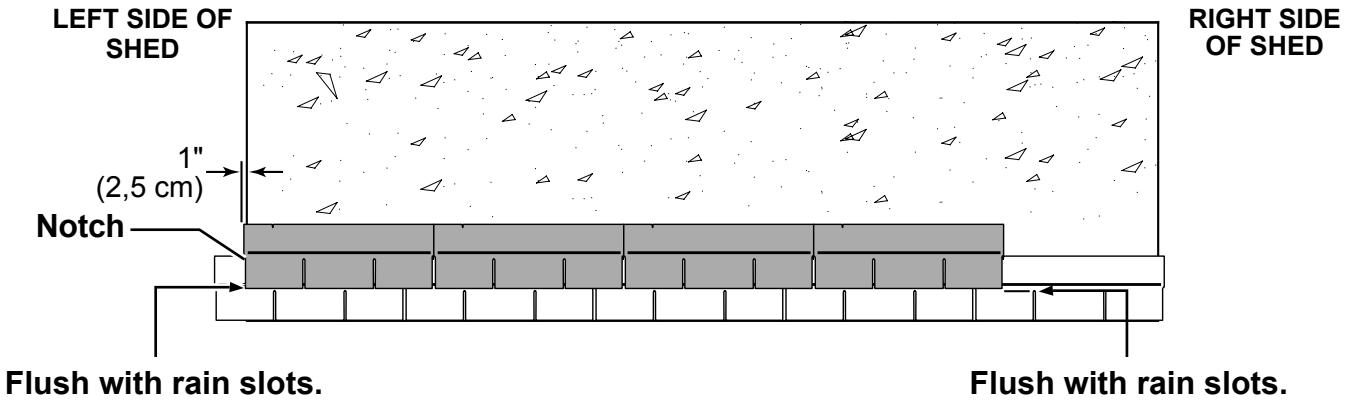


SHINGLES
continued...

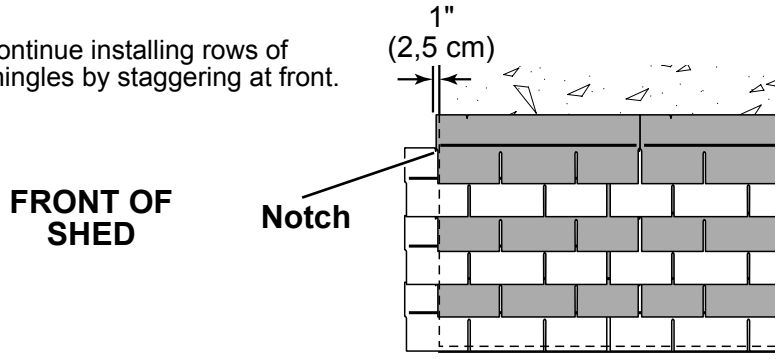
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



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

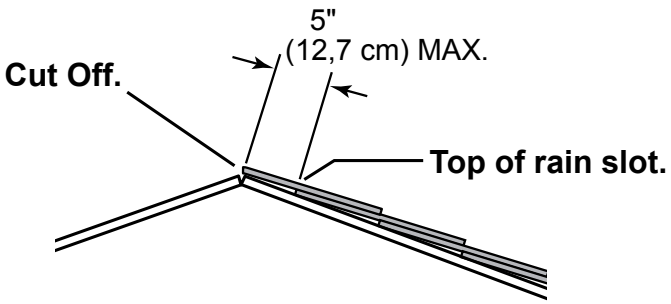


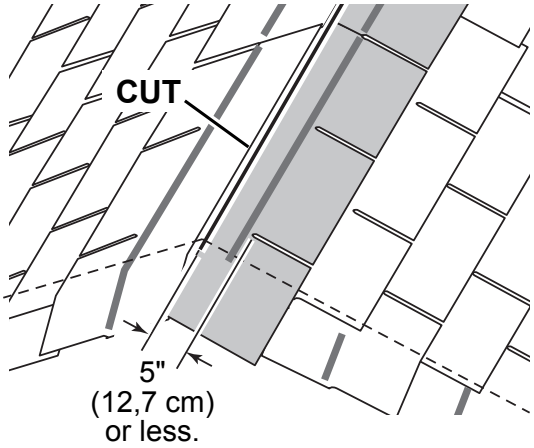
4 Continue installing rows of shingles by staggering at front.



SHINGLES
continued...

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



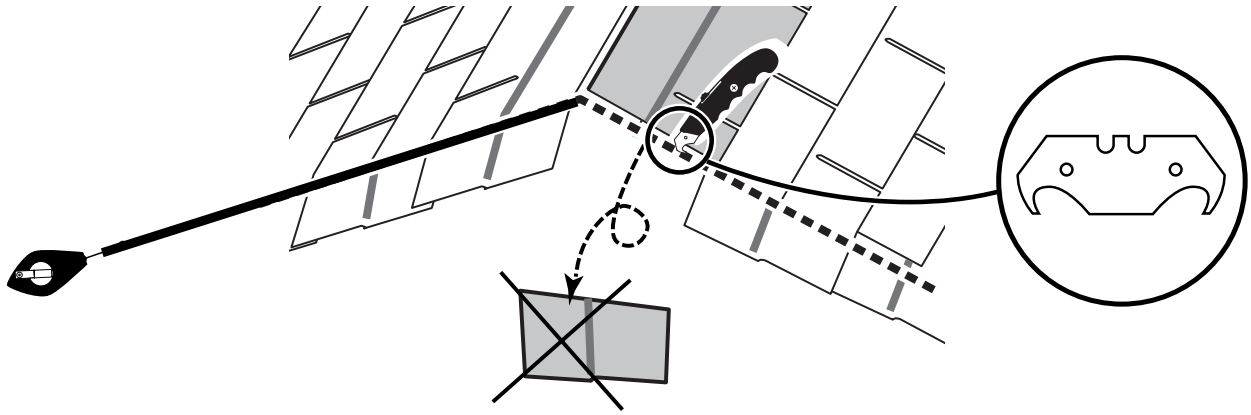


⚠ **• If more than 5" (12,7 cm) to rain slot you must install another row of shingles.**

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

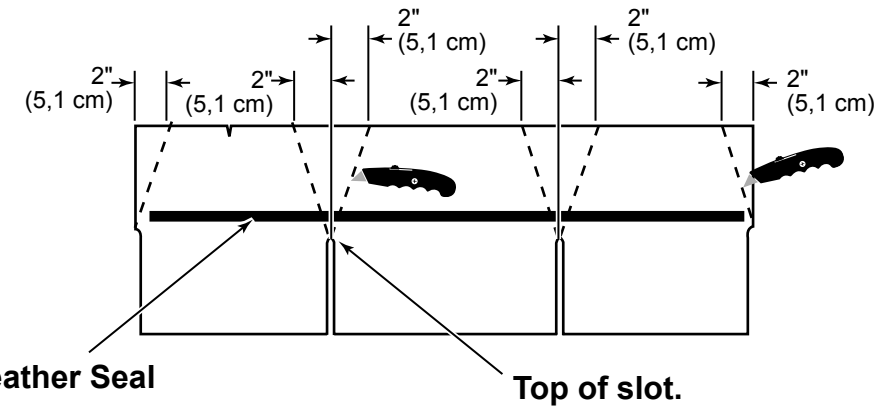
You have finished shingling your roof. Proceed to capping the ridge.

SHINGLES - RIDGE CAP

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

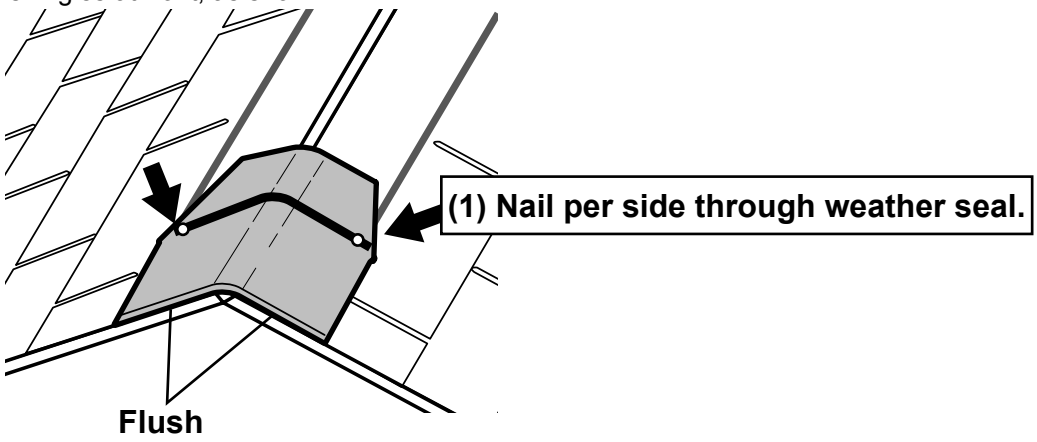
BEGIN

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

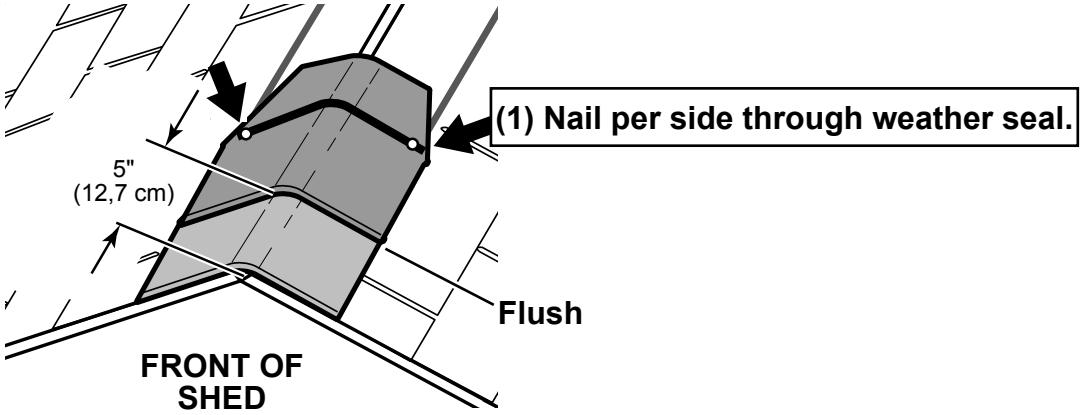


Note: • You will need about 31-33 cut pieces.

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

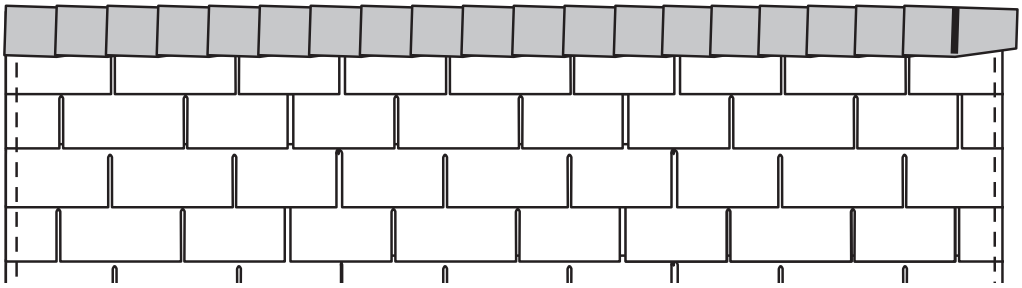


3 Install second ridge cap 5" back, as shown.

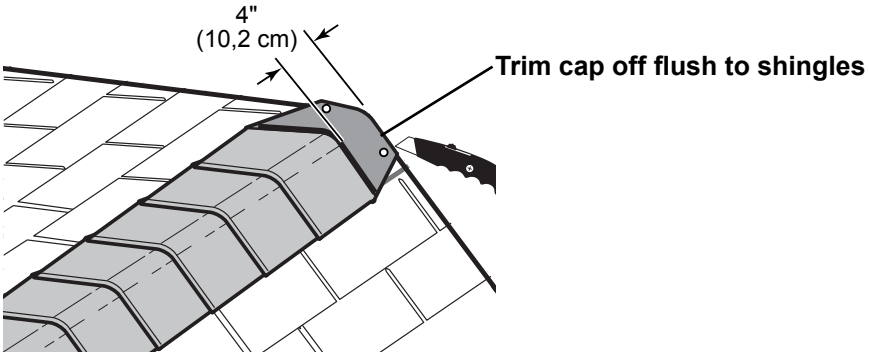


SHINGLES - RIDGE CAP
continued...

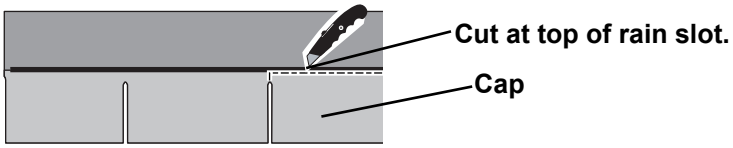
4 Continue installing ridge cap to back of roof.



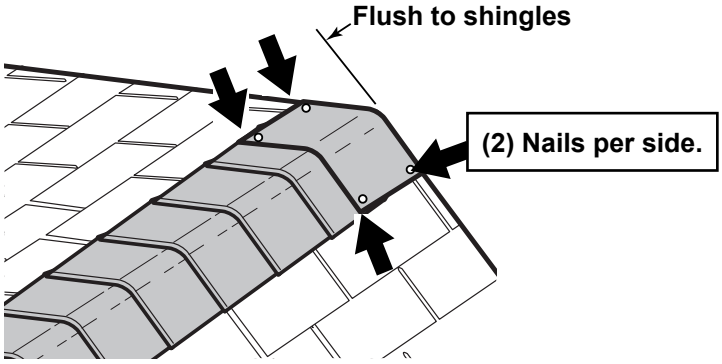
5 Make sure there is 4" (10,2 cm) between the shingle-color and edge of shingles.



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



7 Install flush to shingles.



FINISH

You have finished your ridge cap.

16830-A 12' x 8' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 3	Gable Connector	2 X 3 X 22 1/4" PLATE	Q 22040000000	2	ARC
	Shelf Support	2 X 3 X 10 1/8" SUPPORT	Q 10020000000	5	AE
	Loft Support	LUM SPF 2X3X96 #2&BTR	12115	1	PT
2 X 4	Rafter	2 X 4 X 55 3/16" 28* L/S	O 55032828000	14	AA
	Eave Overhang "A"/Plate/Loft Support	LUM SPF 2X4X96 #2&BTR	12306	6	TP
	Eave Overhang "B"	2 X 4 X 49-3/4"	O 49120000000	2	VVC
	Top / Bottom Plates "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	3	SP
	Top / Bottom Plates "A"	*2 X 4 X 89" PLATE	O 89000000000	4	SZ
	Wall Studs	*LUM SPF 2X4X72 #2&BTR	O 72000000000	24	TM
	Over Door Header	2 X 4 X 67"	O 67000000000	2	AM
	Jack Studs	2 X 4 X 68-1/2"	O 68080000000	2	YFA
	Door Wall Bottom Plate (long)	2 X 4 X 64" PRE-CUT & PART	O 64000000000	1	UX
	Door Wall Bottom Plate (short)	2 X 4 X 16" CONNECTOR	O 16000000000	1	RB
	Window Crippler	2 X 4 X 3 1/2"	O 03080000000	1	PU
	Horizontal Window Frame	2 X 4 X 22 1/2"	O 22080000000	2	AO
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
	Collar Tie	LUM SPF 1X3 X60" PART & PRE-	U 6000000000P	2	GUA
1 X 4 PINE	Shelf Fascia	LUM SPF 1X4X96 SQ EDGE PET	14407	1	KP
7/16 OSB	Upper Roof Panel "D"	OSB 7/16" x 4' x 8'	11110	2	---
	Lower Roof Panel "B"	7/16" OSB 10-3/4" X 96" ROOF PANEL	C 96001012000	2	---
	Small Roof Panel "C"	7/16" OSB 47 7/8" X 48" ROOF	C 48004714000	2	---
	Small Roof Panel "A"	7/16" OSB 10-3/4" X 48" ROOF	C 48001012000	2	---
	Header Filler	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	1	---
	Shelf Bracket	EZ 8" 8" X 12 1/2" PRECUT for	J 120808000PP	5	---
	Shelf Top	7/16" OSB 11 3/4" X 96"	C 96001112000	1	---
	Loft Deck	7/16" OSB 20-7/8" X 88-5/8" LO	C 88102014000	1	---
GUSSETS	Gusset	EZ 8" 6" X 23 1/4" GUSSET 28*	J 23040600280	12	---
NO GROOVE SIDING	Wall panel at Door -RIGHT	NG 48" X 76" FRONT WALL PANEL	K 76004800510	1	---
	Wall panel at Door -LEFT	NG 48" X 76" FRONT WALL PANEL	K 76004800520	1	---
	Backwall & Sidewall Panel	SIDING NGSE 3/8X4'X76"	11501	7	---
	Front Window Wall Panel	3/8" NG 48" X 76" FRONTWALL w/ Window	K 760048000NW	1	---
	Gable Panels - RIGHT	3/8"NGx 28-3/4"x 48"RT GABLE	K 48002812100	2	---
	Gable Panels - LEFT	3/8"NGx 28-3/4"x 48"LT GABLE	K 48002812200	2	---
	Eave Fascia	3/8" NGx2-1/2" X 72-3/4"	K 72120208000	4	---
	Corner Trim	3/8" NG 1 3/4" X 75-3/4" CORN	K 75120112000	8	---
19/32 X 3 SMART TRIM	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	4	AH
	Horiztonal Shutter Trim	19/32 TST 2 1/2" X 8 1/2"	UT08080208000	4	DF
	Horizontal Window Trim	19/32 TST 2 1/2" X 28 1/8"	UT28020208000	2	DT
	Vertical Shutter Trim	19/32 TST 2 1/2" X 30 1/8"	UT30020208000	6	AZ
	Door Trim Hinge/Over Door	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	1	ZJ
19/32 X 4 SMART TRIM	Right Gable Fascia	19/32 TST 3 1/2" X 60" 28* O/E	UT60000308128	2	GFR
	Left Gable Fascia	19/32 TST 3 1/2" X 60" 28* O/E	UT60000308228	2	GFL
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	OO
	Vents- Exterior White	VENT 16" X 8" EXTERIOR (WHITE)	15002	2	---
	Threshold	THRESHOLD 7/8" X 1-1/2" X 63-7/8	15420	1	---
	Large Window	WINDOW 22 1/4" X 29 3/4" LG SQ	15281	1	---
	Hardware Kit	H/K (ABERDEEN 33057 & 33102) 12X8 10 COSTCO GABLE - 2 x 4	15442	1	---
	Hardware Kit	H/K (SHUTTER TRIM) ADDENDUM	15442-ADD	1	---
	Faux Hinges (4pk)	HINGE (FAUX) w/ SCREWS (4 HING	15246	1	---
	Black T&D Handle	HANDLE - T 4" SHAFT & "D"	15375	1	---
PACKAGING	Instructions		16830-A	1	---
	30188-R				
Right Door Assembly	Door Panel	3/8" NG 31 3/8" X 71 1/2" DOO	K 71083106076	1	---
	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
	30188-L				
Left Door Assembly	Door Panel	3/8" NG 31 3/8" X 71 1/2" DOO	K 71083106076	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

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

Backyard Storage Solutions, LLC will repair, replace or pay for the affected part. In no event shall Backyard Storage Solutions, LLC pay the cost of labor or installation or any other costs related thereto. All warranties are from date of purchase. If a cash refund is paid on an affected part, it will be prorated from the date of purchase.

CONDITIONS

The warranty is effective only when:

1. The unit has been erected in accordance with the assembly instructions.
2. The unit has been properly shingled and painted or stained and reasonably and regularly maintained thereafter.
3. The failure occurs when the unit is owned by the original purchaser.
4. Backyard Storage Solutions, LLC has received the warranty registration card within thirty (30) days of purchase and notification of the failure in writing within the warranty period specified above.
5. Backyard Storage Solutions, LLC has had reasonable opportunity during the sixty (60) days following receipt of notification to inspect and verify the failure prior to commencement of any repair work.

REQUIREMENTS

Storage Buildings

To validate your warranty, it is necessary to properly maintain your Backyard Storage Solutions, LLC unit; shingle the roof and paint or solid-colored stain the siding using quality, 100% acrylic latex exterior product with a minimum of two (2) coats within thirty (30) days of assembly; caulk above all doors and all horizontal and vertical trim boards; paint and seal all exposed edges, sides and faces of siding/trim and OSB siding to include all exterior walls and all sides and all edges of doors.

Gazebos & Pergolas

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

Keep vegetation trimmed away from building and make sure siding panels and trim do not come in contact with masonry or cement. The minimum ground clearance for siding must be one half inch (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 or receipt.
4. Run code: found on exterior product label or assembly instructions enclosed in the product package.

All other inquiries can be mailed to:

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

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

IMPORTANT: This is your warranty certificate.