16767

Call Us First!
DO NOT RETURN TO STORE.

For immediate help with assembly or product information

call our toll-free number:

1-800-221-1849

or email:

customerservice@backyardproductsllc.com

Our staff is ready to provide assistance.

April through October M - F 8:00 AM to 7:00 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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HANDY HOME PRODUCTS
A Backyard Products Company

16767	04/21/2011

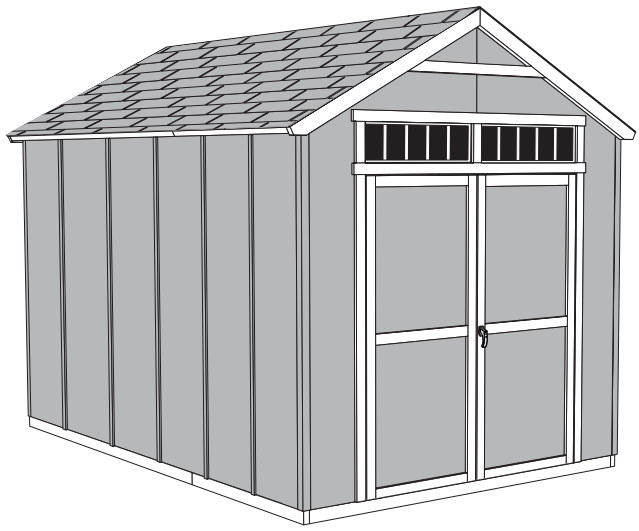
ASSEMBLY MANUAL

MARCO SERIES

MAJESTIC 8' x 12' (244 x 366 cm)

ACTUAL FLOOR SIZE IS 96 x 144" (244 x 366 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 4 - 6. 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 3 for required and optional materials and quantities.

- CUSTOMER SERVICE -

Call: 1-800-221-1849 email: customerservice@backyardproductsllc.com

TOOLS

Required

- ❑ Phillips Screwdriver
- ❑ Drill / Driver
  - ❑ 1/4" Drill Bit
  - ❑ 3/8" Drill Bit
  - ❑ 1/2" Drill Bit
  - ❑ #2 Philips Drive Bit
- ❑ Hammer
- ❑ Level
- ❑ Pencil
- ❑ Tape Measure
- ❑ Square or
- ❑ Utility Knife
  - ❑ Shingle Blades
- ❑ Caulk Gun
- ❑ Paint Tools
- ❑ Safety Glasses
- ❑ Ladder

Optional

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

Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.

= Assistance Required; two or more people.

= Ensure squareness.

= Important required step or operation.

= Helpful assembly hint.

= Mark part with pencil.

BEGIN = Beginning of steps for assembly or installation.

FINISH = You have finished the assembly or installation.

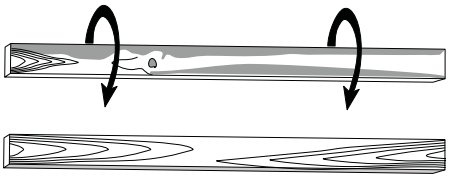
= Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

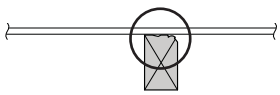
Framing lumber is graded for structural strength and not appearance. Exterior trim is graded for one good side.

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

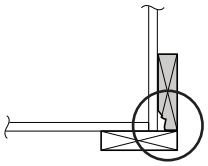
A



B



C



ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

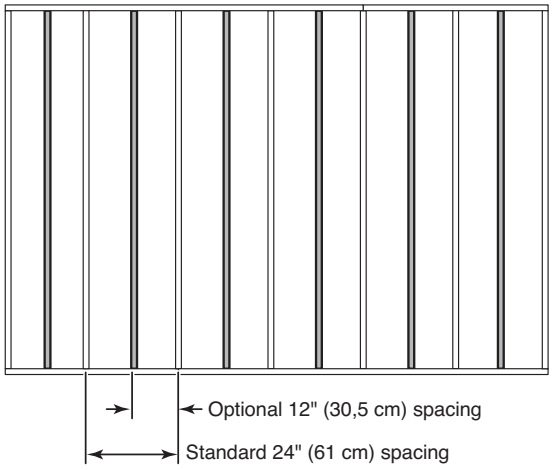
- This shed kit includes a complete wood floor frame system. It does not include any floor panels.
- **See page 7 for the additional floor panel sizes and quantities required.**
- This shed kit does not include ANY leveling materials.
- **See the FLOOR LEVELING section on page 8 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.**

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

IMPORTANT! The included floor has been designed for general use. 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):

☐ **x6** 2 x 4 x 8' (5 x 10 x 244 cm) Treated Lumber
Cut to (6) 2 x 4 x 93" (5 x 10 x 236 cm)

☐ **x24** ea. 3" (7,6 cm) Hot Dipped Galvanized Nails



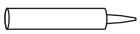
COMPLETING YOUR SHED

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



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

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

☐ **WOOD GLUE ..... Exterior Rated**

OPTIONAL MATERIALS

☐ **DRIP EDGE ..... 50 Feet**

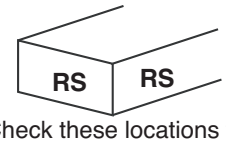
☐ **#15 ROOFING FELT**
To cover 122 Sq. Ft. of roof area.

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

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

PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.



Check these locations for part stamp.

Treated lumber is stamped:

TREATED

WOOD SIZE CONVERSION CHART

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

PARTS LIST

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

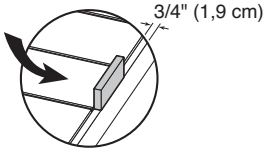
All treated lumber is stamped: TREATED

FLOOR

☐	x2	TREATED	2 x 4 x 48" (5 x 10 x 122 cm)
☐	x7	TREATED	2 x 4 x 93" (5 x 10 x 236 cm)
☐	x2	TREATED	2 x 4 x 96" (5 x 10 x 244 cm)

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.**
☐	x1	NA	2 x 3 x 9" (5 x 7,6 x 23 cm)
☐	x1	DI	1 x 3 x 12" (2,5 x 7,6 x 30,5 cm)
☐	x2	RK	2 x 3 x 13" (5 x 7,6 x 33 cm)
☐	x1	FR	2 x 3 x 23" (5 x 7,6 x 58 cm)
☐	x1	AQ	2 x 3 x 31" (5 x 7,6 x 79 cm)
☐	x2	FS	2 x 3 x 35-1/4 " (5 x 7,6 x 89,5 cm)
☐	x4	NK	2 x 3 x 48" (5 x 7,6 x 122 cm)
☐	x1	UX	2 x 4 x 64" (5 x 10 x 162,5 cm)
☐	x14	FU	2 x 3 x 78-1/2" (5 x 7,6 x 199 cm)
☐	x2	FV	2 x 3 x 82-1/2" (5 x 7,6 x 210 cm)
☐	x1	FW	2 x 3 x 84" (5 x 7,6 x 213 cm)
☐	x2	PS	2 x 3 x 91" (5 x 7,6 x 231 cm)
☐	x4	PT	2 x 3 x 96" (5 x 7,6 x 244 cm)



RAFTERS

☐	x10		6 x 23-1/4" (15 x 59 cm)
☐	x10	AA	2 x 4 x 55-3/16" (5 x 10 x 140 cm)
☐	x3	JF	1 x 4 x 60" (2,5 x 10 x 152 cm)

TRIM

☐	x3	EY	5/8 x 2-1/2 x 9" (1,6 x 6,3 x 23 cm)
☐	x2	AW	2 x 3 x 41-7/8" (5 x 7,6 x 106 cm)
☐	x2	AN	2 x 4 x 48-3/4" (5 x 10 x 124 cm)
☐	x4	AG	2 x 4 x 59-1/8" (5 x 10 x 150 cm)
☐	x2	ZJ	5/8 x 2-1/2 x 72" (1,6 x 6,3 x 183 cm)
☐	x10		3/8 x 1-3/4 x 82-1/4" (0,9 x 4,4 x 209 cm)
☐	x4		2 x 2 x 84" (5 x 5 x 213 cm) **METAL CORNER TRIM**
☐	x2	TP	2 x 4 x 96" (5 x 10 x 244 cm)

PARTS LIST continued...

SHELF

- ☐ x1 FQ — 2 x 3 x 28-5/8" (5 x 7,6 x 73 cm)
- ☐ x5 PT — 2 x 3 x 96" (5 x 7,6 x 244 cm)
- ☐ x2 TP — 2 x 4 x 96" (5 x 10 x 244 cm)

DOOR

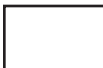
- ☐ x2 OO — 2 x 3 x 69" (5 x 7,6 x 175,3 cm)

PANEL PARTS LIST

NOTE: Panel parts are not stamped.

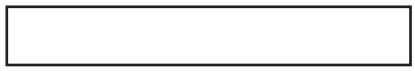
ROOF PANELS

- ☐ x4 — 7/16 x 11-1/4 x 25-3/4" (1,1 x 29 x 65,4 cm)

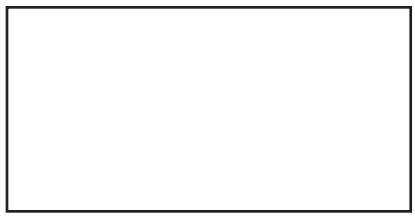


- ☐ x4 — 7/16 x 25-3/4 x 48" (1,1 x 65,4 x 122 cm)

- ☐ x2 — 7/16 x 11-1/4 x 96" (1,1 x 29 x 244 cm)



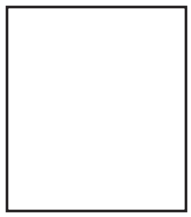
- ☐ x2 — 7/16 x 48 x 96" (1,1 x 122 x 244 cm)



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

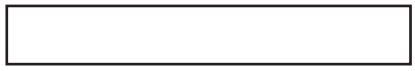
SHELF PANELS

- ☐ x2 — 7/16 x 44-1/4 x 48" (1,1 x 112 x 122 cm)



- ☐ x1 — 7/16 x 23-7/8 x 91" (1,1 x 61 x 231 cm)

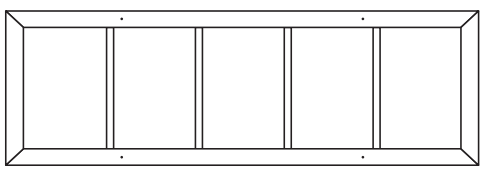
- ☐ x2 — 7/16 x 11-7/8 x 96" (1,1 x 30 x 244 cm)



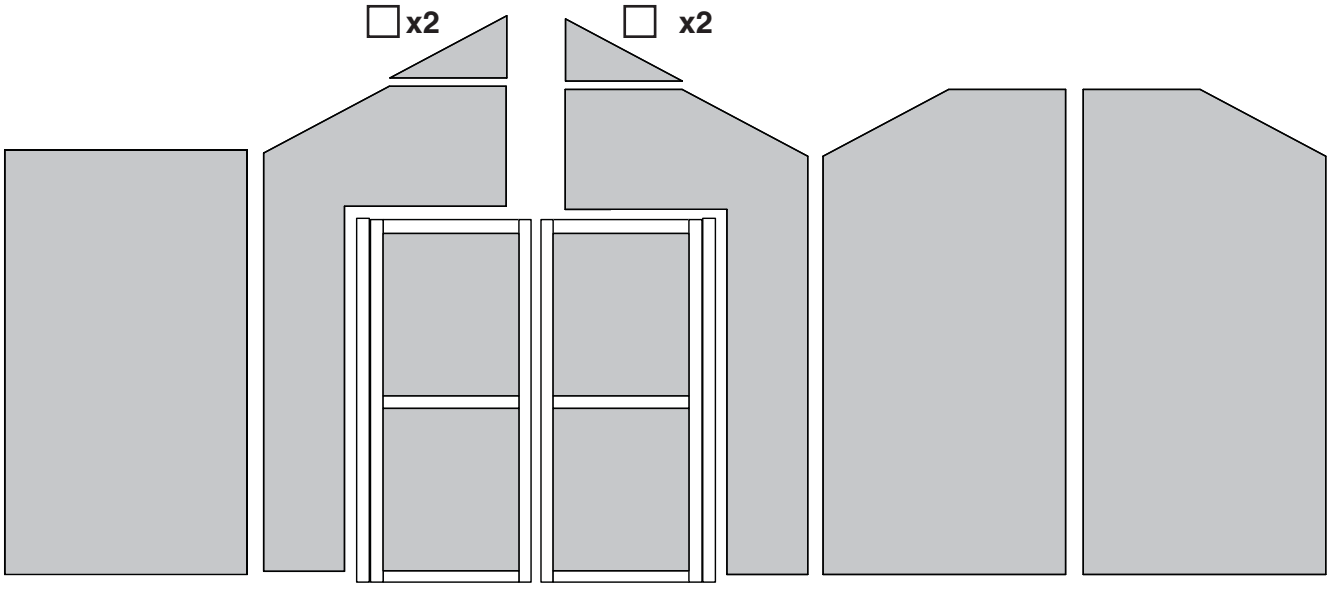
Shelf panels are 7/16" (1,1 cm) thick.

WINDOW

- ☐ x2 — 10-1/2 x 32-1/2" (27 x 82,5 cm)



WALL PANEL & DOORS PARTS LIST



NAIL BOXES (Shown Actual Size)

☐ **x3** BOXES — 3" (7,6 cm)

☐ **x4** BOXES — 2" (5,0 cm)

FASTENER/HARDWARE BAG (Shown Actual Size)

☐ **113** — 1-1/2" (3,8 cm)

☐ **x110** — 2" (5,0 cm)

☐ **x64** — 1-1/4" (3,2 cm)

☐ **x70** ⊕ — 3" (7,6 cm)

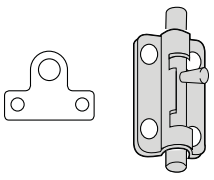
☐ **x20** ⊕ — 2" (5,0 cm)

☐ **x96** ⊕ — 1-1/4" (3,2 cm)

☐ **x48** ⊕ — 3/4" (1,9 cm)

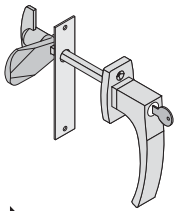
DOOR HARDWARE (Not Actual Size)

☐ **x2**



☐ **x6** — 3/4" (1,9 cm)

☐ **x1**



☐ **x2** — 1" (2,5 cm)

☐ **x2** — 1-1/4" (3,2 cm)

FLOOR PANELS (Not Included)

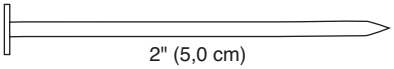
You will need floor panels and nails to complete your floor. Floor panel sizes and quantities are shown below.

NOTE: Use a minimum of 5/8" (1,6 cm) oriented strand board (OSB).

☐ **x3**

5/8 x 48 x 96"
(1,6 x 122 x 244 cm)

☐ **x1** **1 lb. of 2" (5,0 cm) Hot Dipped Galvanized Box-Type Nails**

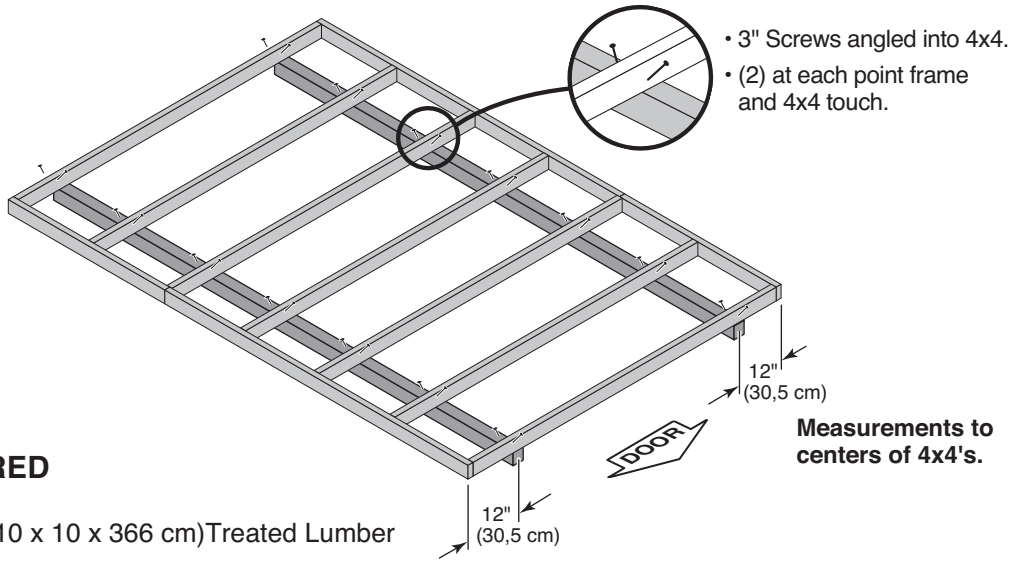


NOTES

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



Measurements to centers of 4x4's.

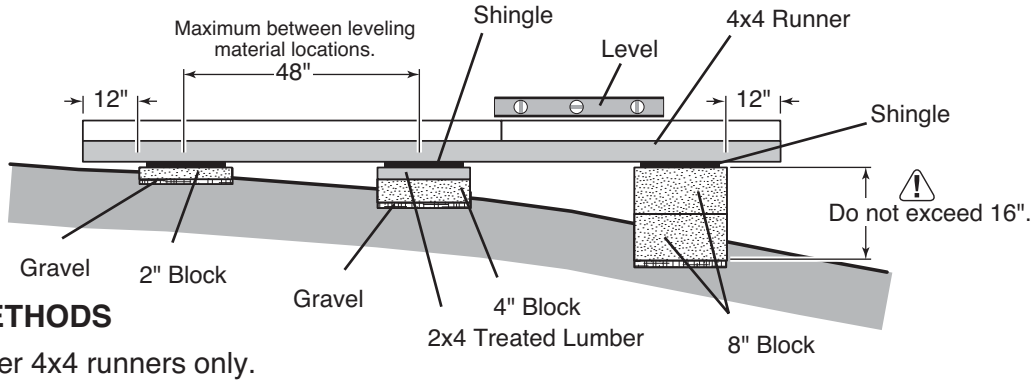
MATERIAL REQUIRED

☐ **x2** 4" x 4" x 12' (10 x 10 x 366 cm)Treated Lumber

☐ **Fasteners for Frame to 4"x 4".**
(3" Screws shown as one option.) Minimum (28) 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

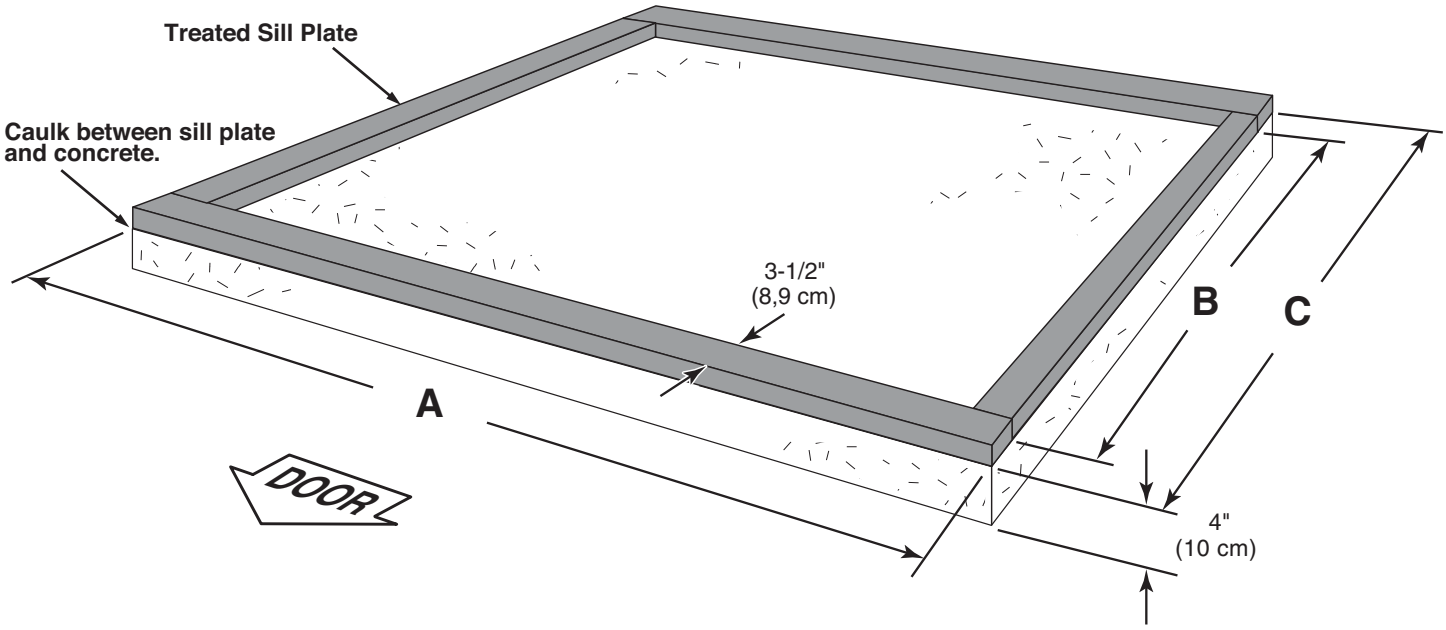
⚠ **Leveling higher than 16" not recommended.**

CONCRETE

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

CONCRETE FOUNDATION

Your kit contains all materials to construct a wooden floor. If you choose to install your kit on a concrete slab refer to the diagram below.



Building Size	Actual Size	A	B	C
8'x 12' (244 x 366 cm)	96" x 144" (244 x 366 cm)	96" (244 cm)	137" (345 cm)	144" (366 cm)

Requires:

- ☐ **x2** 2" x 4" x 12' (5 x 10 x 366 cm) ⚠ **MUST be treated lumber.**
- ☐ **x2** 2" x 4" x 8' (5 x 10 x 244 cm) ⚠ **MUST be treated lumber.**
- ☐ **x1** Caulk

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

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

NOTES

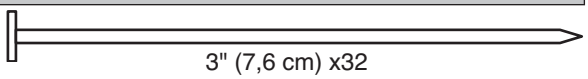
FLOOR FRAME

PARTS REQUIRED:

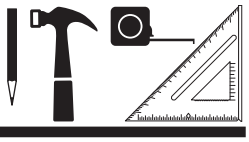
x2 TREATED
2 x 4 x 96" (5 x 10 x 244 cm)

x7 TREATED
2 x 4 x 93" (5 x 10 x 236 cm)

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


3" (7,6 cm) x32

Look for **TREATED** Stamp



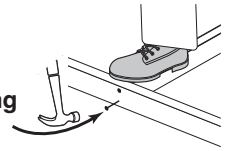
BEGIN

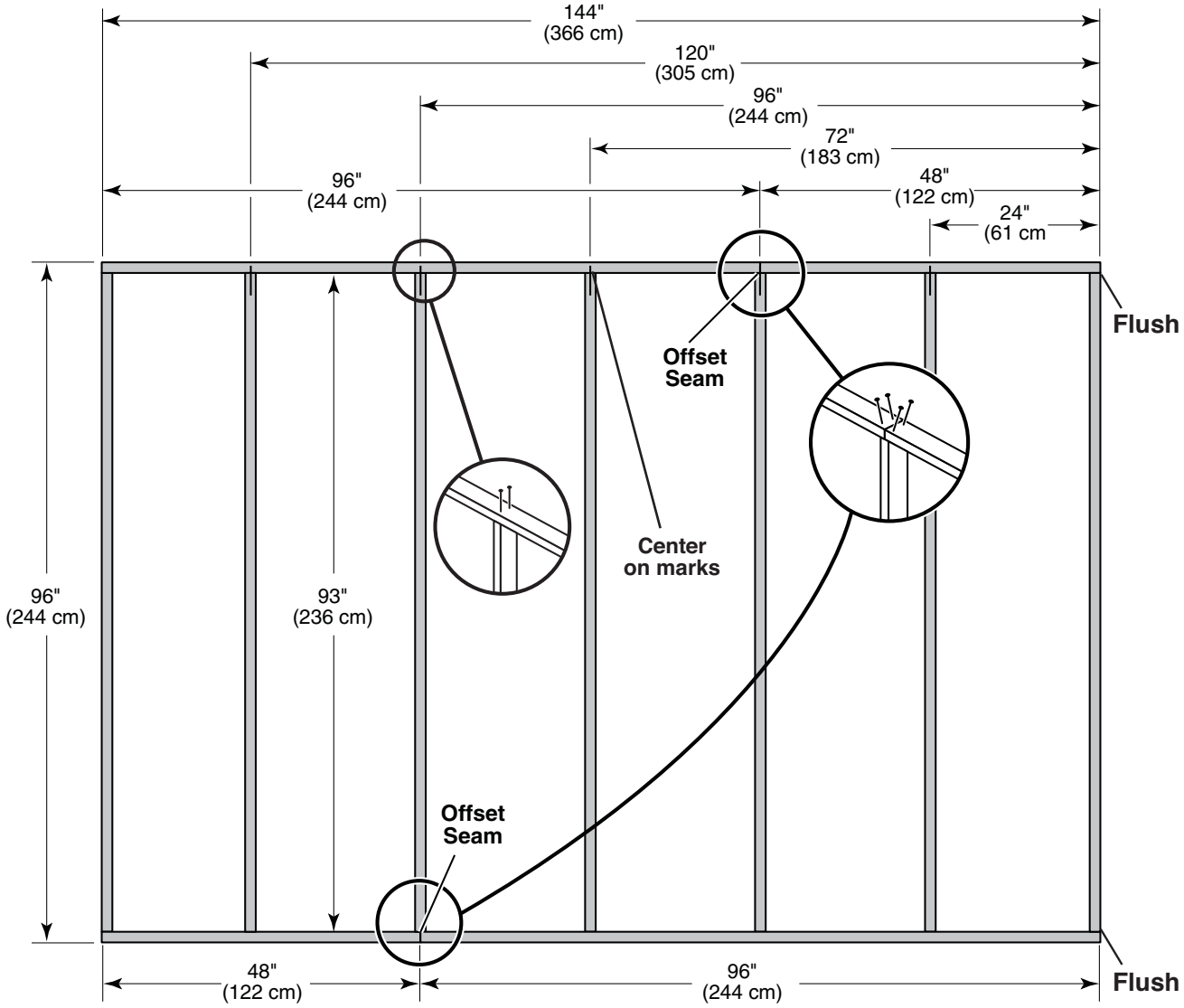
1. Orient parts as shown on flat surface. Measure and mark.
2. Use two 3" nails at each mark.

FINISH

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

HINT:
For easier nailing stand on frame.





STOP!

⚠ *LEVEL AND SQUARE FLOOR FRAME* ⚠

Before attaching floor decking, it is important to level and square the floor frame.

A level and square floor frame is required to correctly construct your shed.

STOP!

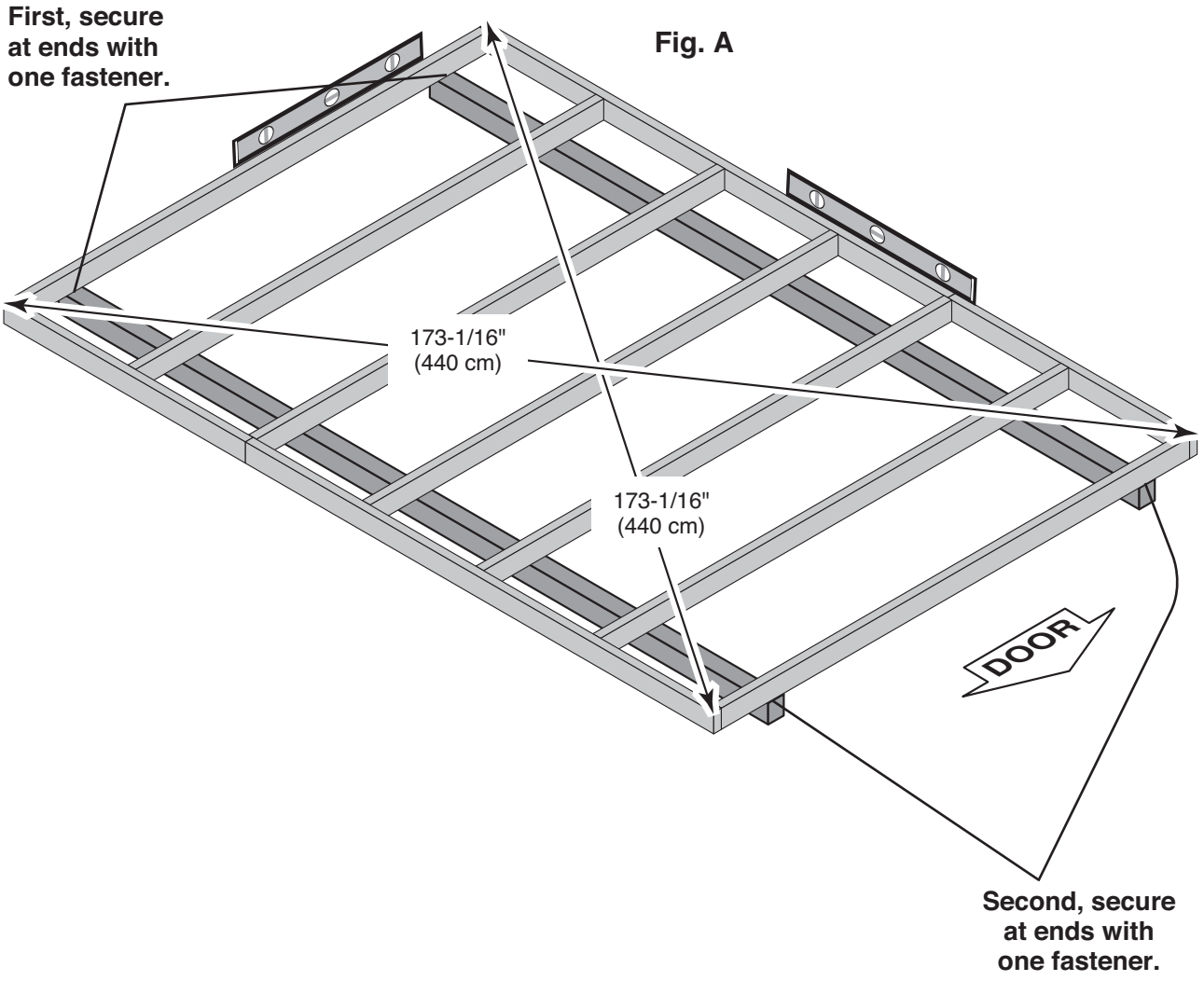
BEGIN

1. ⚠ See page 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 173-1/16" (440 cm).
4. When the frame is level and square secure one side of frame to the 4x4 runners using one fastener at ends of each runner. Move to the opposite end of the frame. Secure the frame to 4x4 runners with one fastener at ends of each runner making sure the frame remains square **(Fig. A)**.

FINISH

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

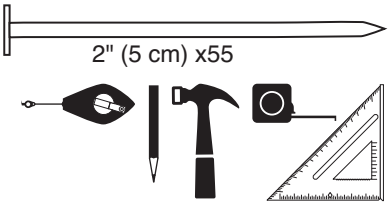
Fig. A



FLOOR PANELS

PARTS REQUIRED:

FLOOR PANELS NOT INCLUDED. SEE PAGE 7 FOR PANEL SIZES AND QUANTITIES.



x1 5/8 x 48 x 96" (1,6 x 122 x 244 cm)

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

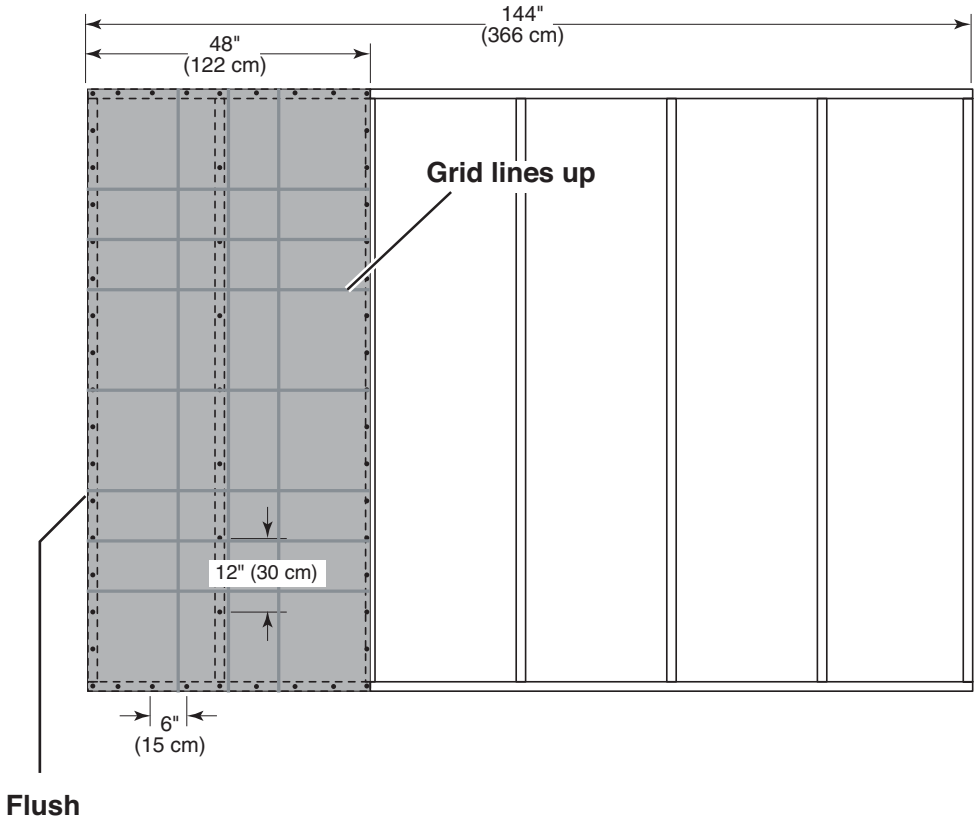
BEGIN

1. Attach the 48 x 96" panel with the rough side up (painted-grid lines side) with the 48" edge and corner flush to the floor frame **(Fig A)**. Secure panel with two 2" nails in the corners.

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

3. Check the floor frame is square by measuring diagonally across the frame corners. If the measurements are the same your floor frame is square. The measurement will be approximately 173-1/16" (440 cm) **(Fig. C)**.

4. Continue attaching the panel using 2" nails 6" apart on edges and 12" apart inside panel. Use a chalk line or use pre-painted grid lines to nail into joists under panel.



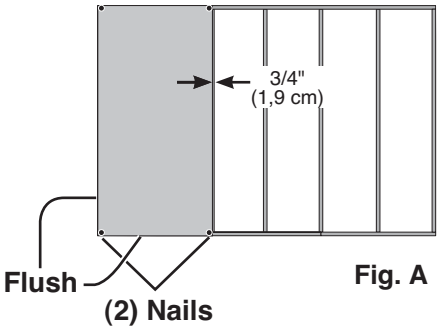


Fig. A

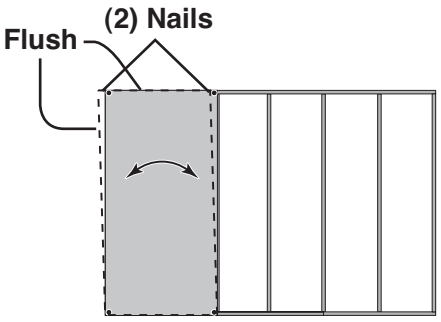


Fig. B

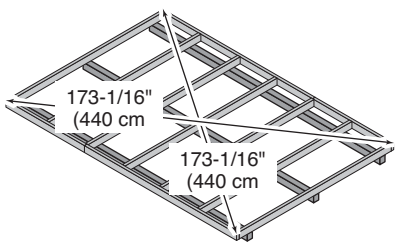
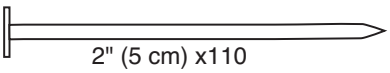


Fig. C

FLOOR PANELS

PARTS REQUIRED:



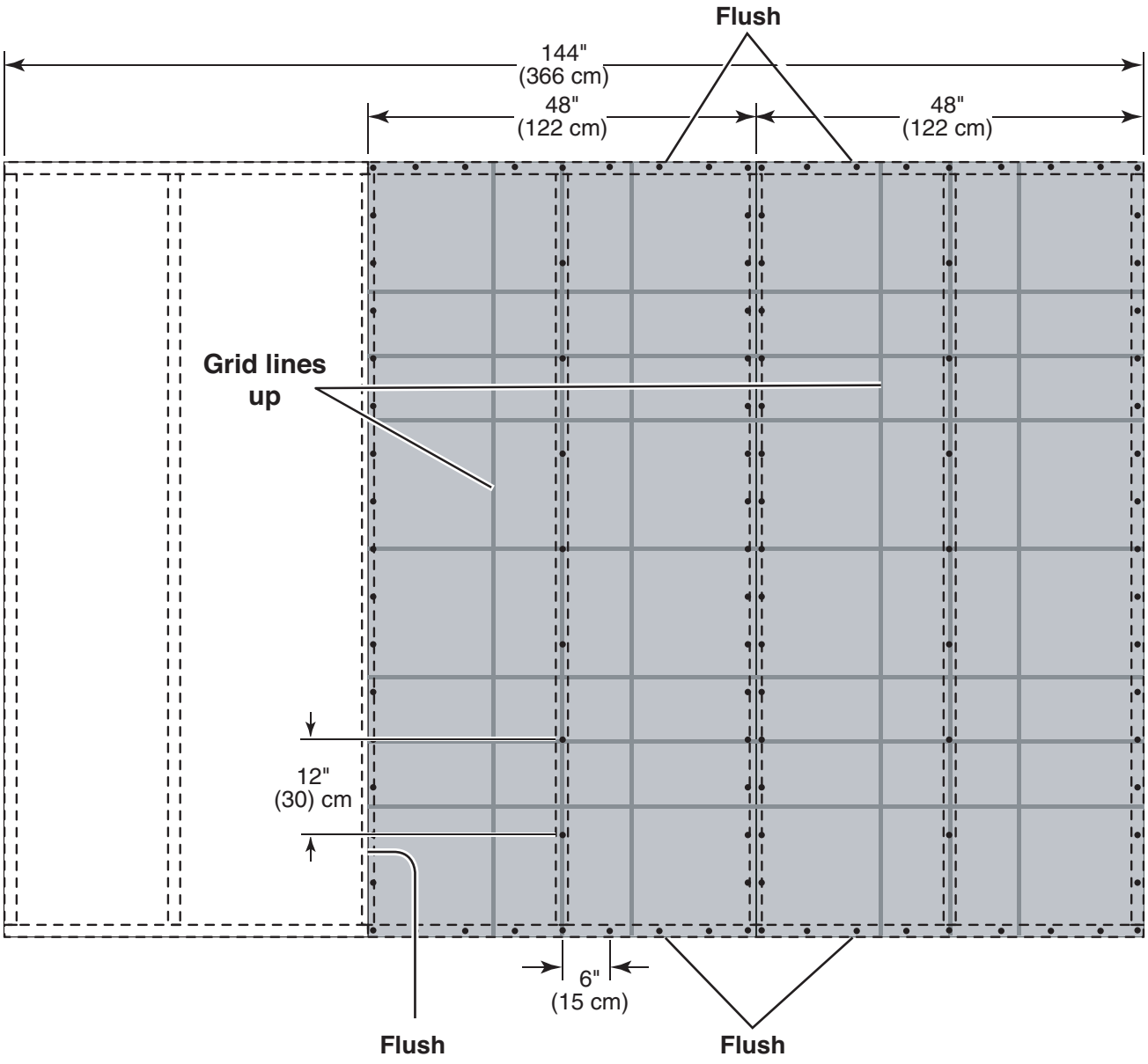
x2 5/8 x 48 x 96"
(1,6 x 122 x 244 cm)

5 Continue installing panels with rough side up (painted grid lines).

6 Use grid lines on panel for 2" nails 6" apart on edges, and 12" apart inside panels.

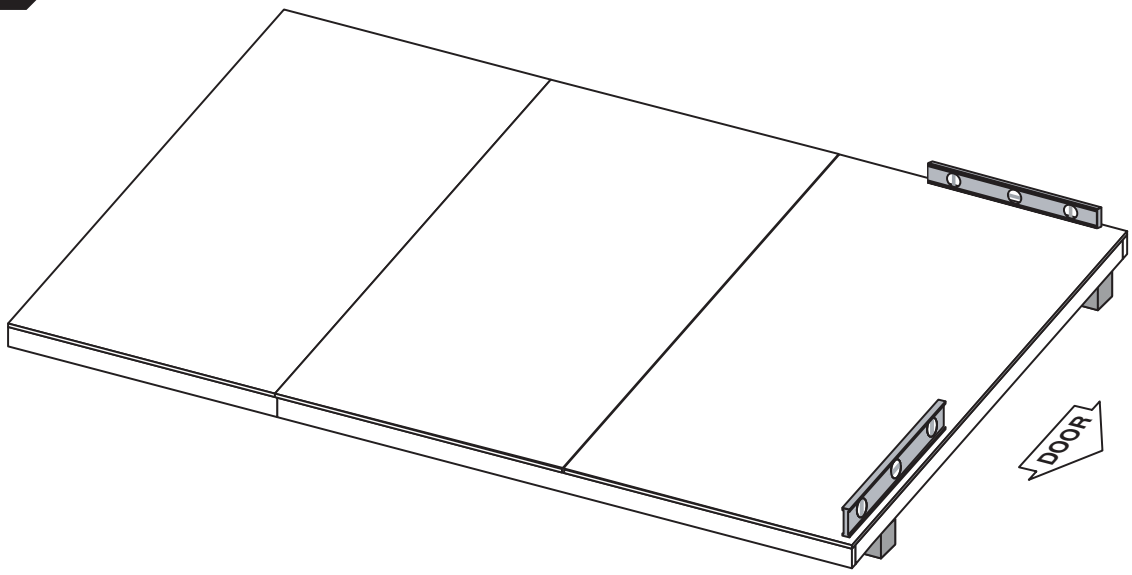
FINISH

7 You have finished attaching your floor panels.



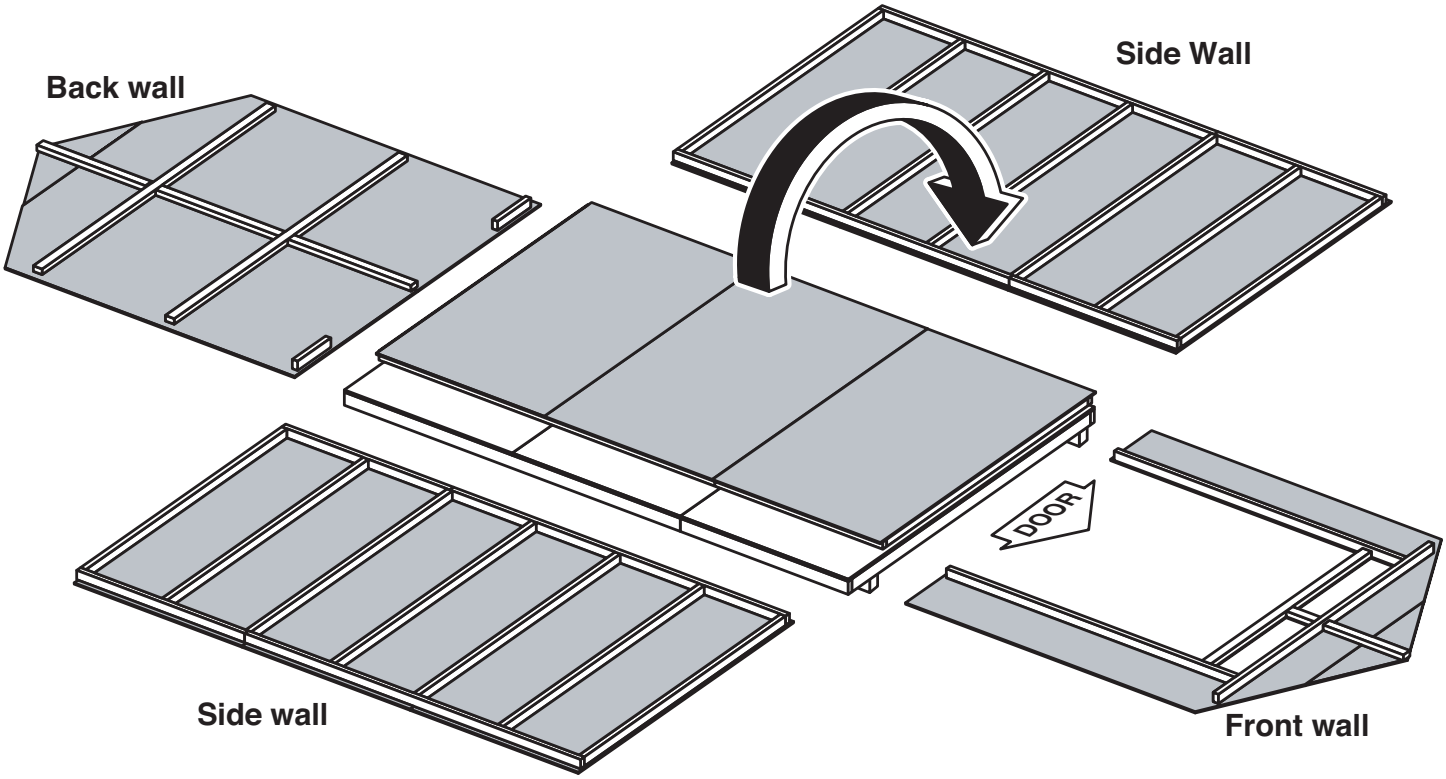
IMPORTANT!

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



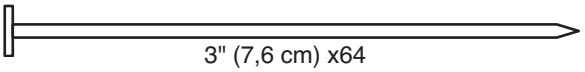
HINT:

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



SIDE WALL FRAMES

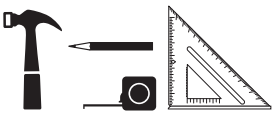
PARTS REQUIRED:



x4 NK 2 x 3 x 48" (5 x 7,6 x 122 cm)

x14 FU 2 x 3 x 78-1/2" (5 x 7,6 x 199 cm)

x4 PT 2 x 3 x 96" (5 x 7,6 x 244 cm)



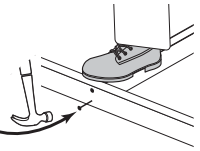
✓BEGIN

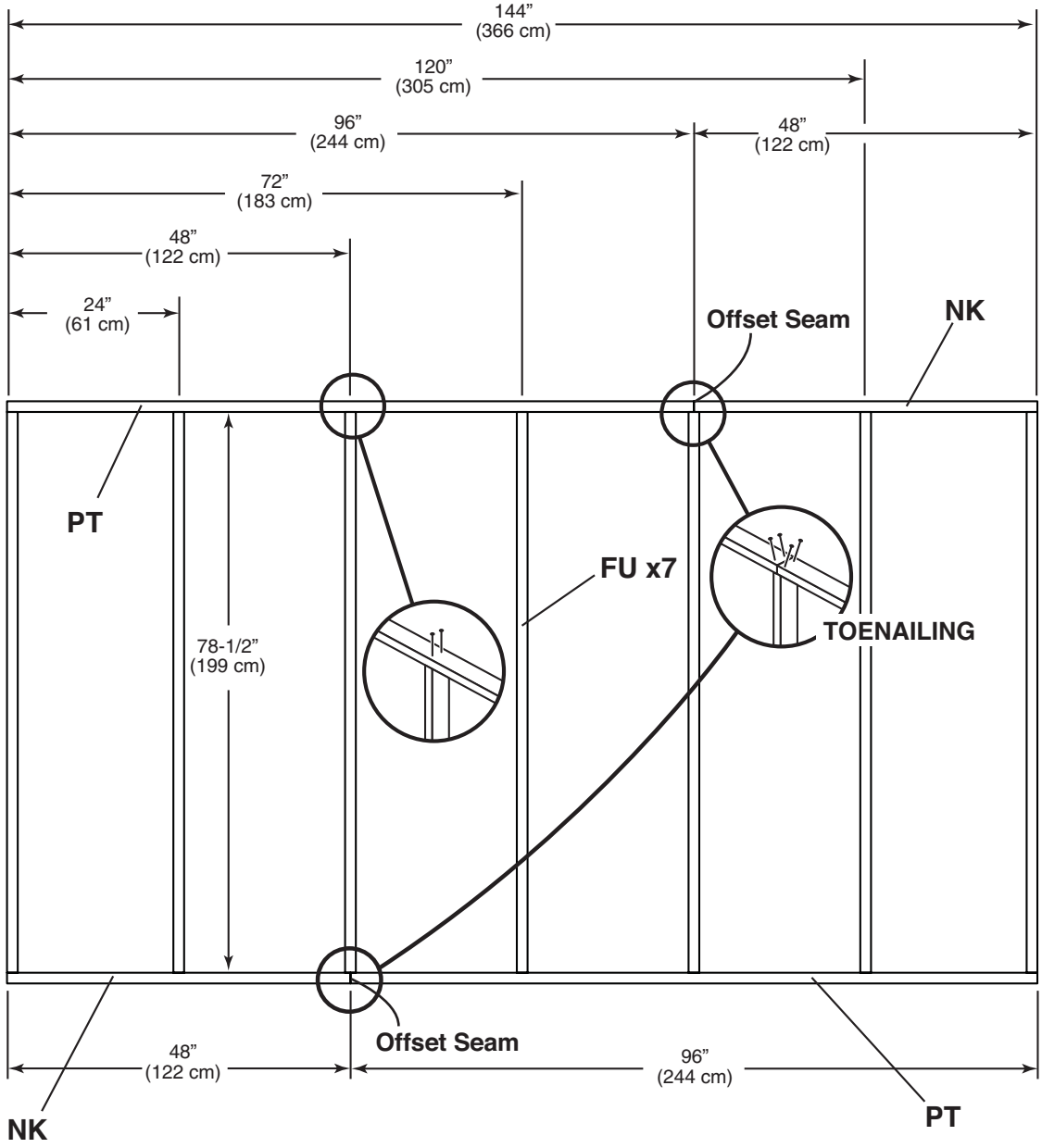
1. Orient parts on edge on floor. Measure and mark.

   IMPORTANT! You will build two walls the same.

2. Use two 3" nails at each mark.

HINT:
For easier nailing stand on frame.





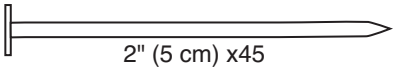
SIDE WALL PANELS

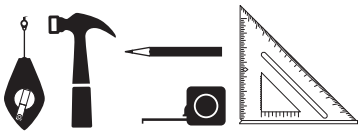
PARTS REQUIRED:

x1 — 48 x 84" (122 x 213 cm)

x1 — RK — 2 x 3 x 13" (5 x 7,6 x 33 cm) as SPACER

3/4" GAUGE BLOCK





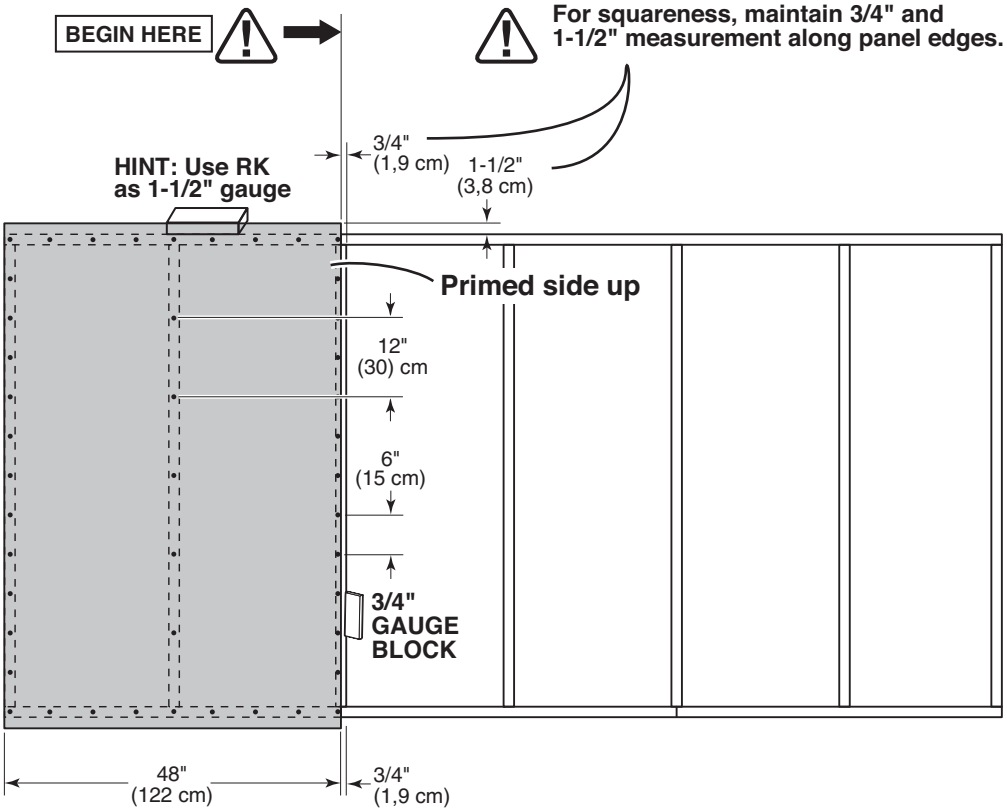
Ensure your wall frame is square by installing one panel and squaring frame.

3 Place the **48 x 84"** panel onto wall frame with primed side up as shown.

Use the gauge block to mark the 3/4" measurement on the wall stud. Use RK as a 1-1/2" gauge block at top. Secure panel with two 2" nails in the corners **(Fig. A)**.

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

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



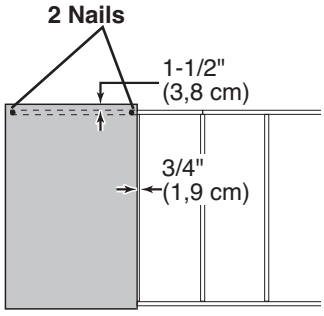


Fig. A

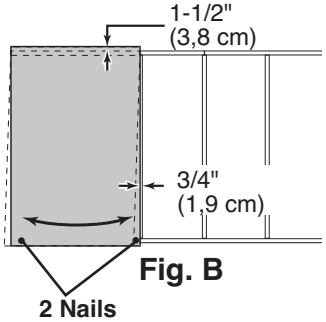


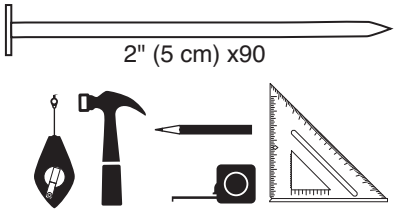
Fig. B

SIDE WALL PANELS

PARTS REQUIRED:

x2 48 x 84"
122 x 213 cm)

3/4" GAUGE BLOCK

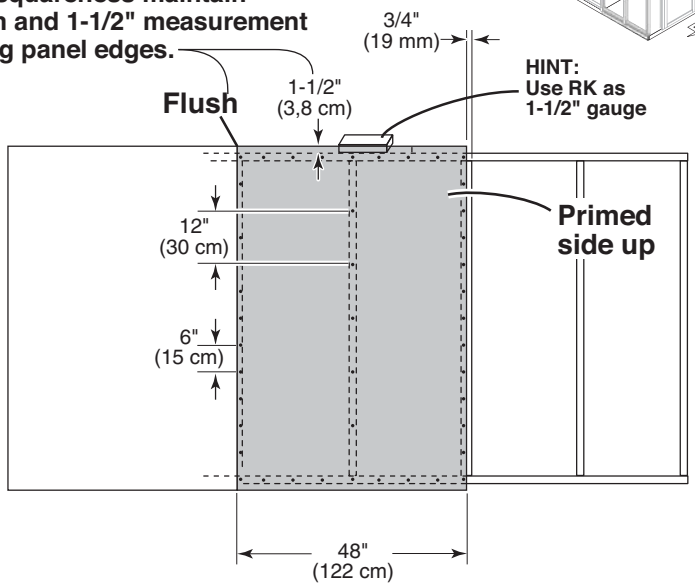


x1 RK 2 x 3 x 13" (5 x 7,6 x 33 cm) as SPACER

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

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

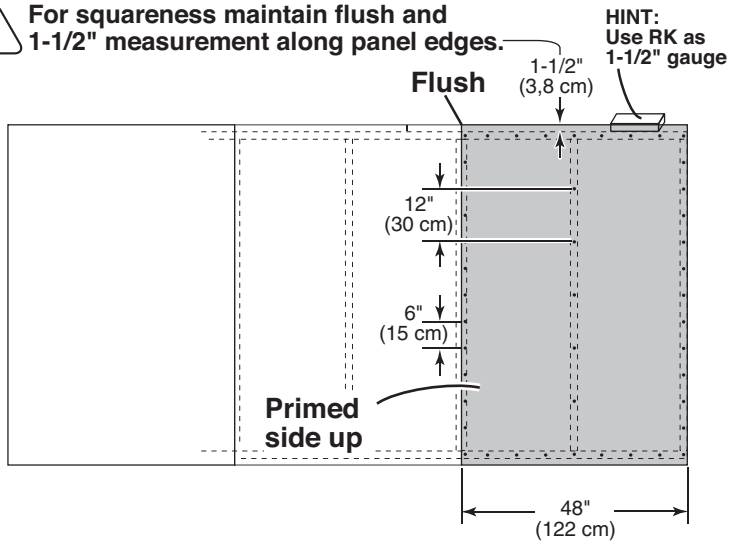
For squareness maintain flush and 1-1/2" measurement along panel edges.

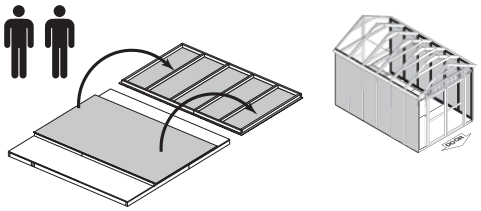


7 Place end 48" panel on frame as shown with primed side facing up.

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

For squareness maintain flush and 1-1/2" measurement along panel edges.





8 Carefully flip the sidewall over. Repeat **STEPS 1-8** to assemble your second side wall.

FINISH

9 You have finished building both your sidewalls.

BACK WALL

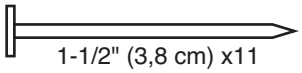
PARTS REQUIRED:

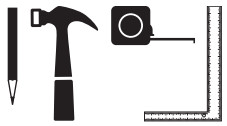
x1 RK
2 x 3 x 13" (5 x 7,6 x 33 cm)

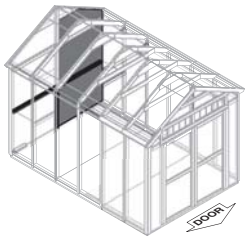
x1 FS
2 x 3 x 35-1/4" (5 x 7,6 x 89,5 cm)

x2 PS
2 x 3 x 91" (5 x 7,6 x 231 cm)

x1 
48 x 96"
(122 x 244 cm)

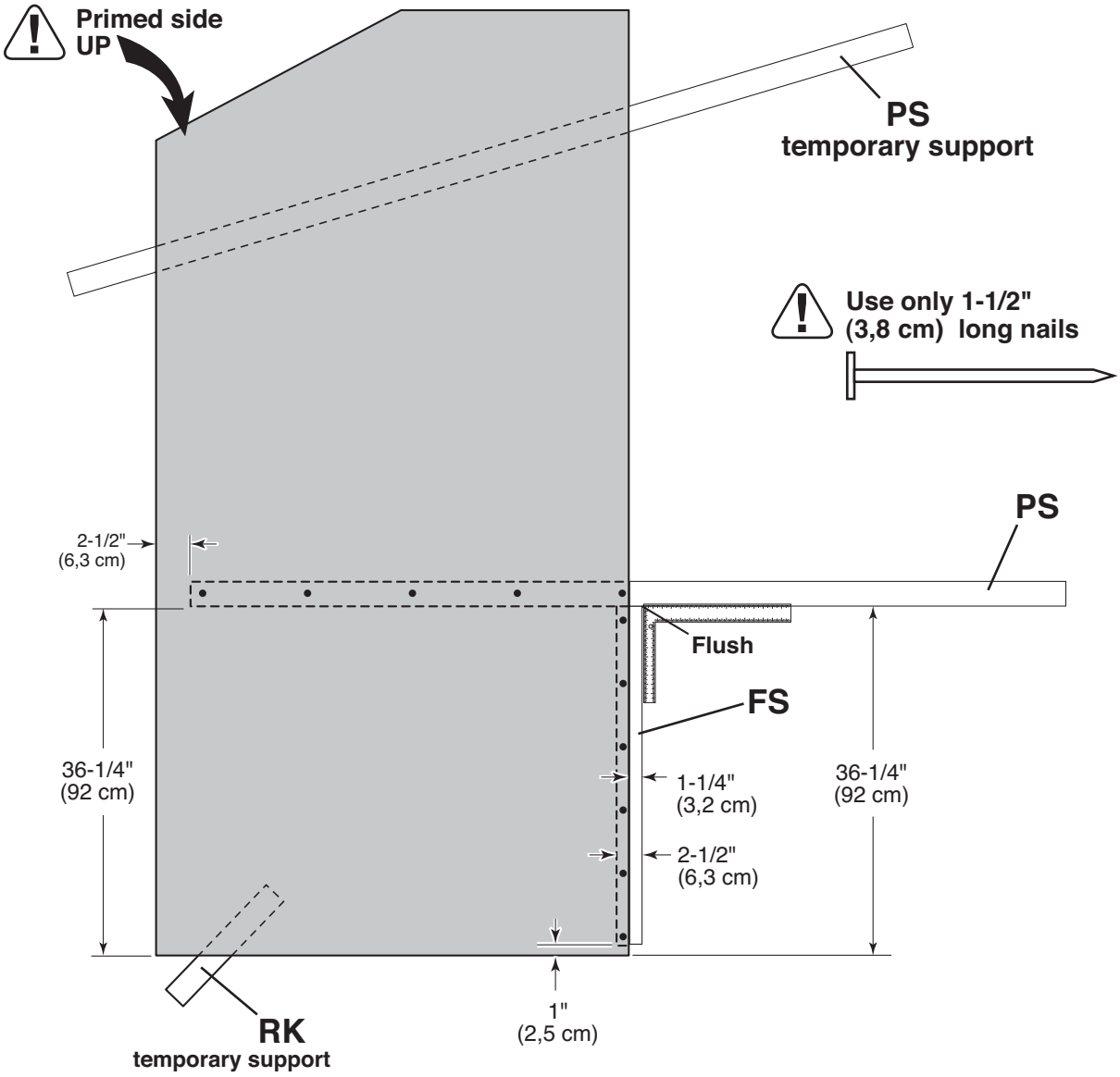

1-1/2" (3,8 cm) x11





BEGIN

1. Orient parts on flat on floor as shown.
2. Place panel on **FS** and **PS** with primed side up.
3. Nail **FS** first, 1" (2,5 cm) from panel bottom.
   ⚠ Use 1-1/2" nails only 6" (15 cm) apart.
4. Place **PS** flush to **FS**. Hold the 36-1/4" (92 cm) measurement and nail with 1-1/2" nails 12" (30 cm) apart.



BACK WALL

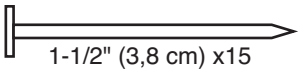
PARTS REQUIRED:

x1 **EY** TEMPORARY SUPPORT
5/8 x 3 x 9" (1,6 x 7,6 x 23 cm)

x1 **AQ**
2 x 3 x 31" (5 x 7,6 x 79 cm)

x1 **FS**
2 x 3 x 35-1/4" (5 x 7,6 x 89,5 cm)

x1 **PS**
2 x 3 x 91" (5 x 7,6 x 231 cm)



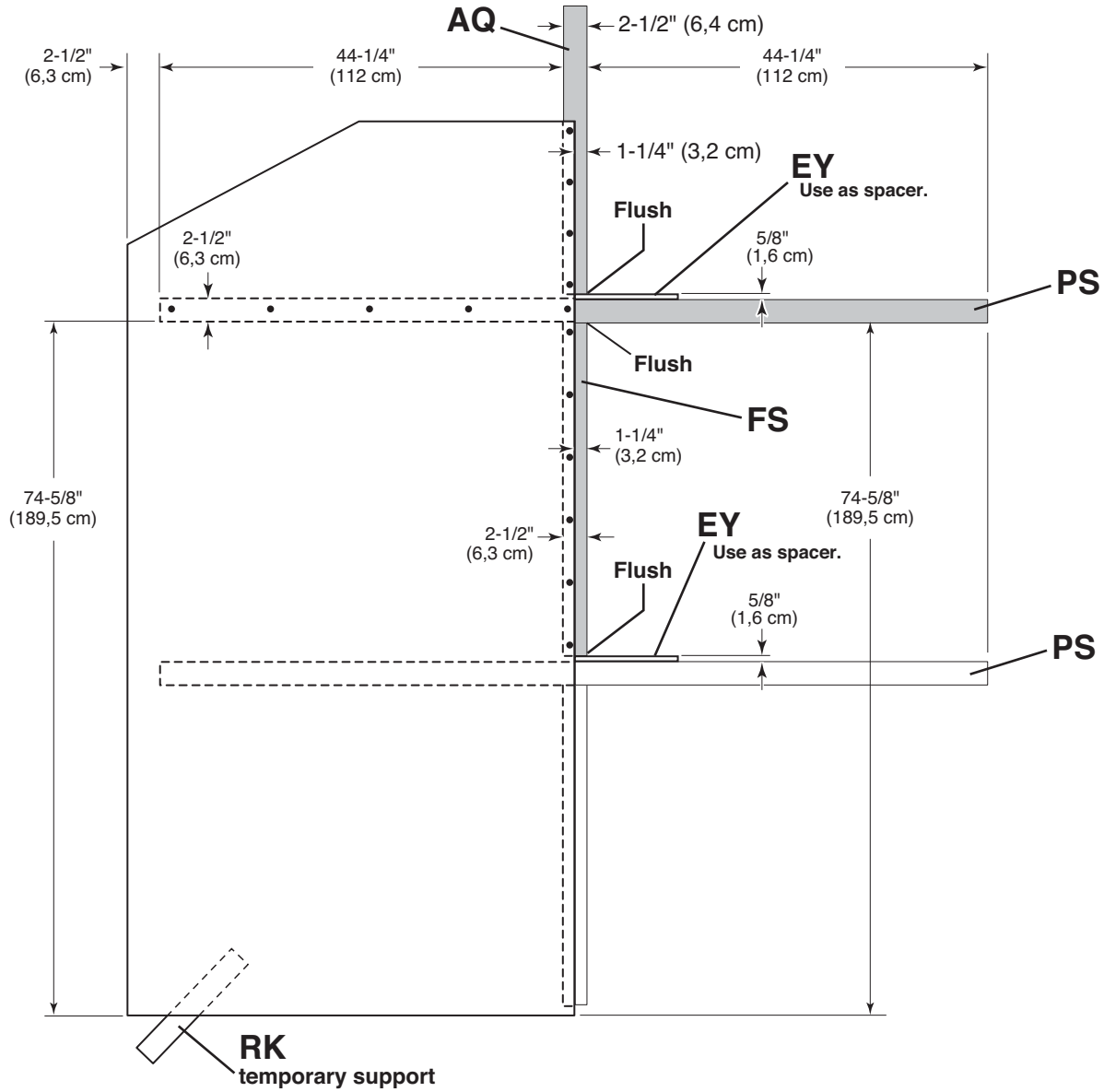
5 Orient parts on flat beneath panel as shown.

6 Place the **EY** 5/8" (1,6 cm) spacer on the lower **PS**. Place **FS** flush to spacer and nail.
⚠ Use 1-1/2" (3,8 cm) nails only 6" (15 cm) apart.

7 Place **PS** flush to **FS**. Hold the 74-5/8" (189,5 cm) measurement and nail with 1-1/2" (3,8 cm) nails 12" (30 cm) apart.

8 Orient **AQ** on flat and beneath panel as shown.

9 Place **AQ** flush to **EY** spacer and nail.
⚠ Use 1-1/2" (3,8 cm) nails only 6" (15 cm) apart.

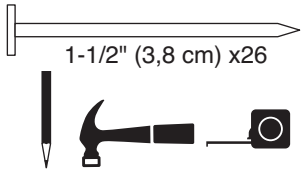


BACK WALL

PARTS REQUIRED:

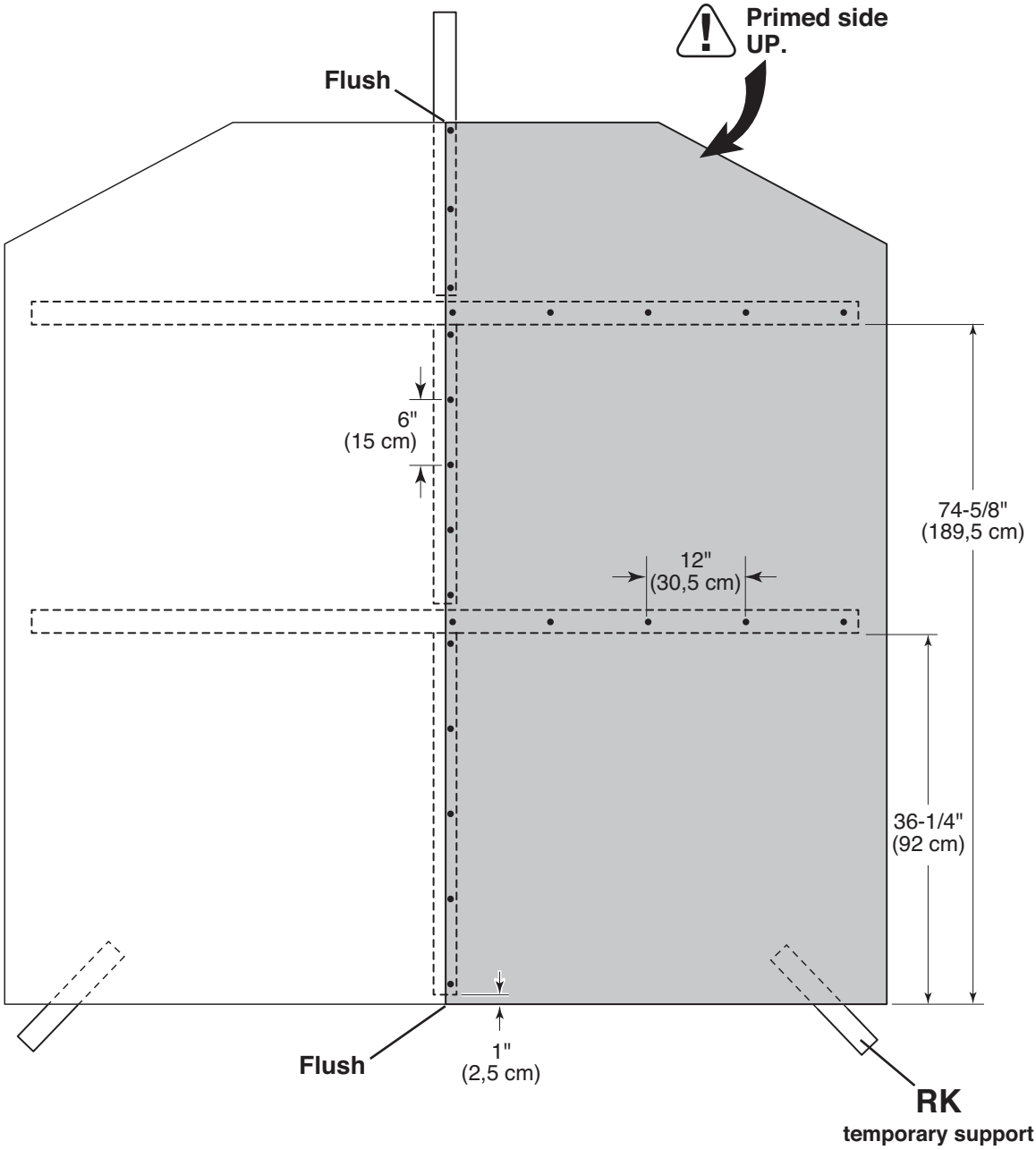
x1 RK
2 x 3 x 13" (5 x 7,6 x 33 cm)

x1
48 x 96"
(122 x 244 cm)



10 Place right panel onto frame primed side up.

11 Nail using 1-1/2" nails 6" (15 cm) apart on edges, and 12" apart inside panel.



BACK WALL

PARTS REQUIRED:

x1 RK
2 x 3 x 13" (5 x 7,6 x 33 cm)

x1 3/8 x 12 x 24"
(1 x 30,5 x 61 cm)

x1 3/8 x 12 x 24"
(1 x 30,5 x 61 cm)

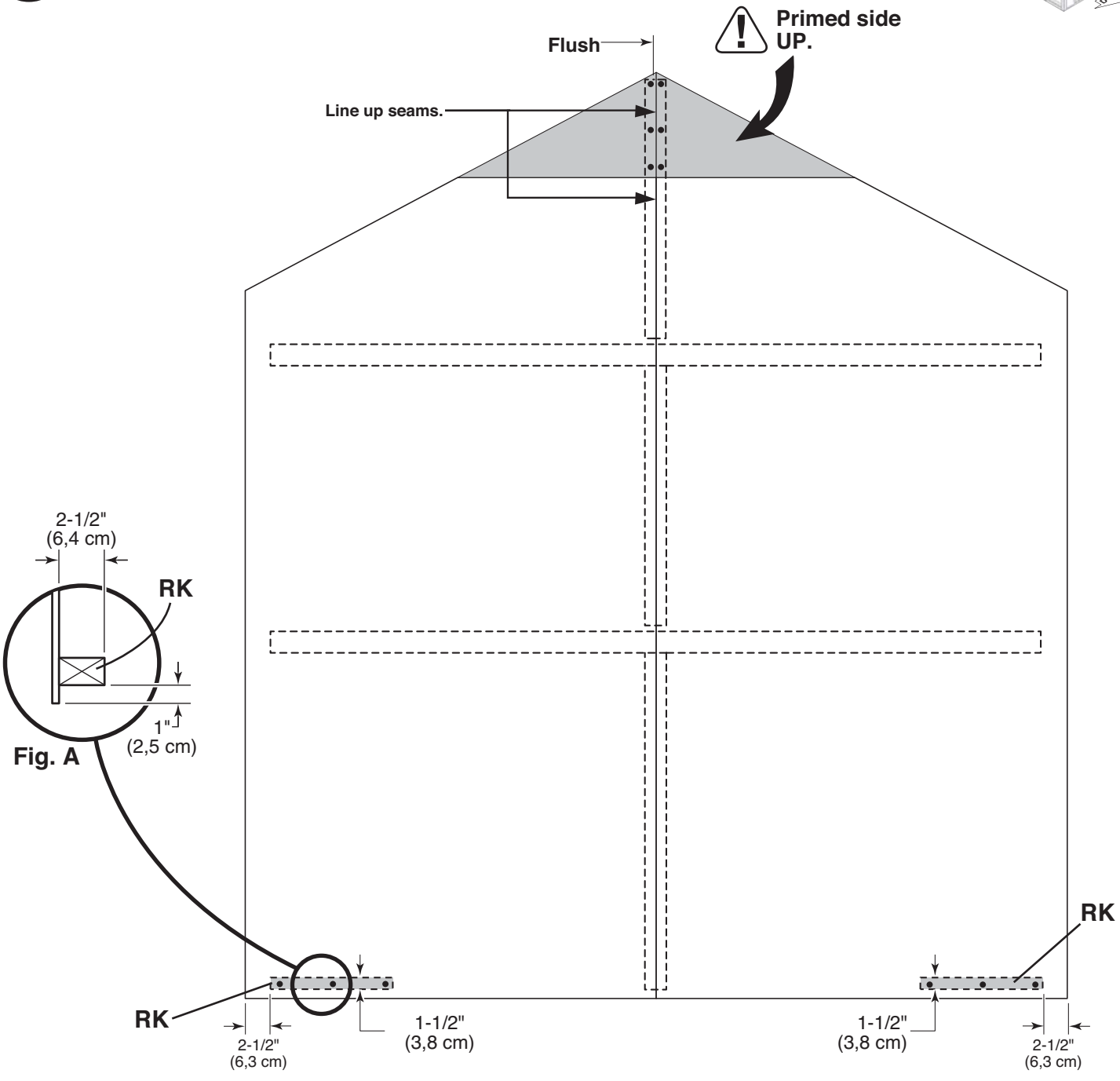
1-1/2" (3,8 cm) x12

12 Nail left and right 12 x 24" (30,5 x 61 cm) panels primed side up using three 1-1/2" nails.

13 Nail **RK** on edge at each location using three 1-1/2" nails **(Fig. A)**.

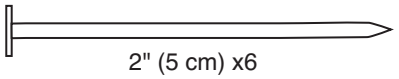
FINISH

14 You have finished your back wall.



FRONT WALL FRAME

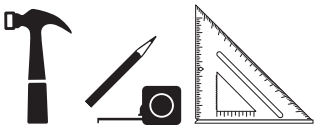
PARTS REQUIRED:



x1 **UX**
2 x 4 x 64" (5 x 10 x 162,5 cm)

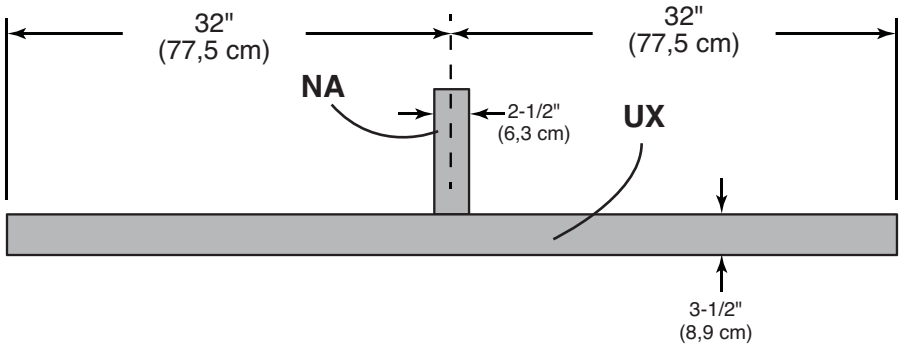
x1 **NA**
2 x 3 x 9" (5 x 7,6 x 23 cm)

x1 **DI**
1 x 3 x 12" (2,5 x 7,6 x 30,5 cm)



BEGIN

1. Orient **NA** and **UX** on flat on floor as shown.
2. Orient **DI** on flat on top of **NA** flush to top **(Fig A.)**.
3. Nail **DI** to **NA** and **UX** using (6) 2" nails as shown.



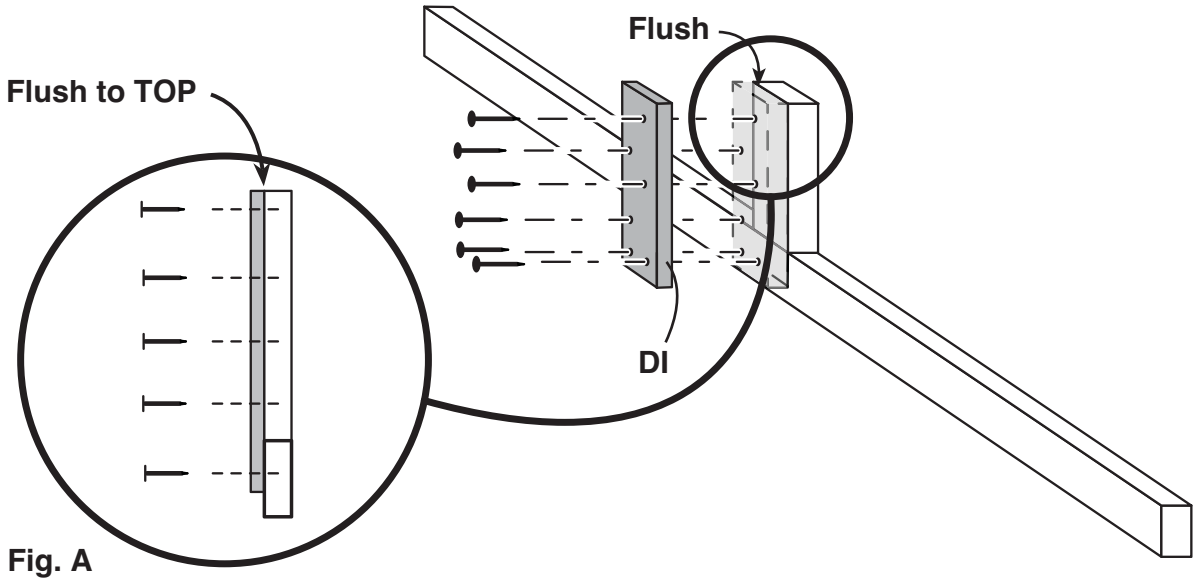
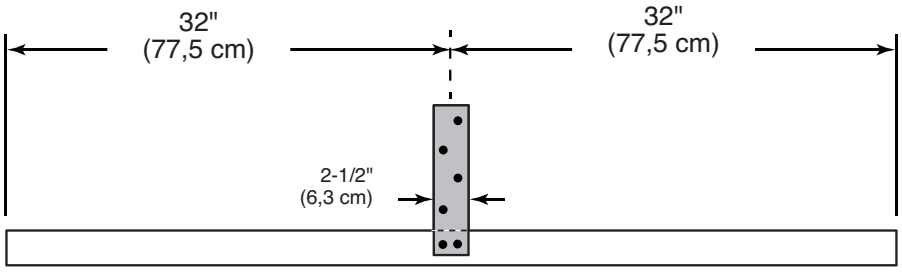


Fig. A



FRONT WALL FRAME

PARTS REQUIRED:

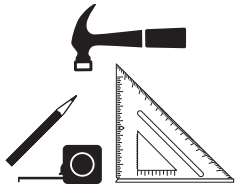
x2 FV
2 x 3 x 82-1/2" (5 x 7,6 x 210 cm)

x1 FW
2 x 3 x 84" (5 x 7,6 x 213 cm)

Pre-Assembled

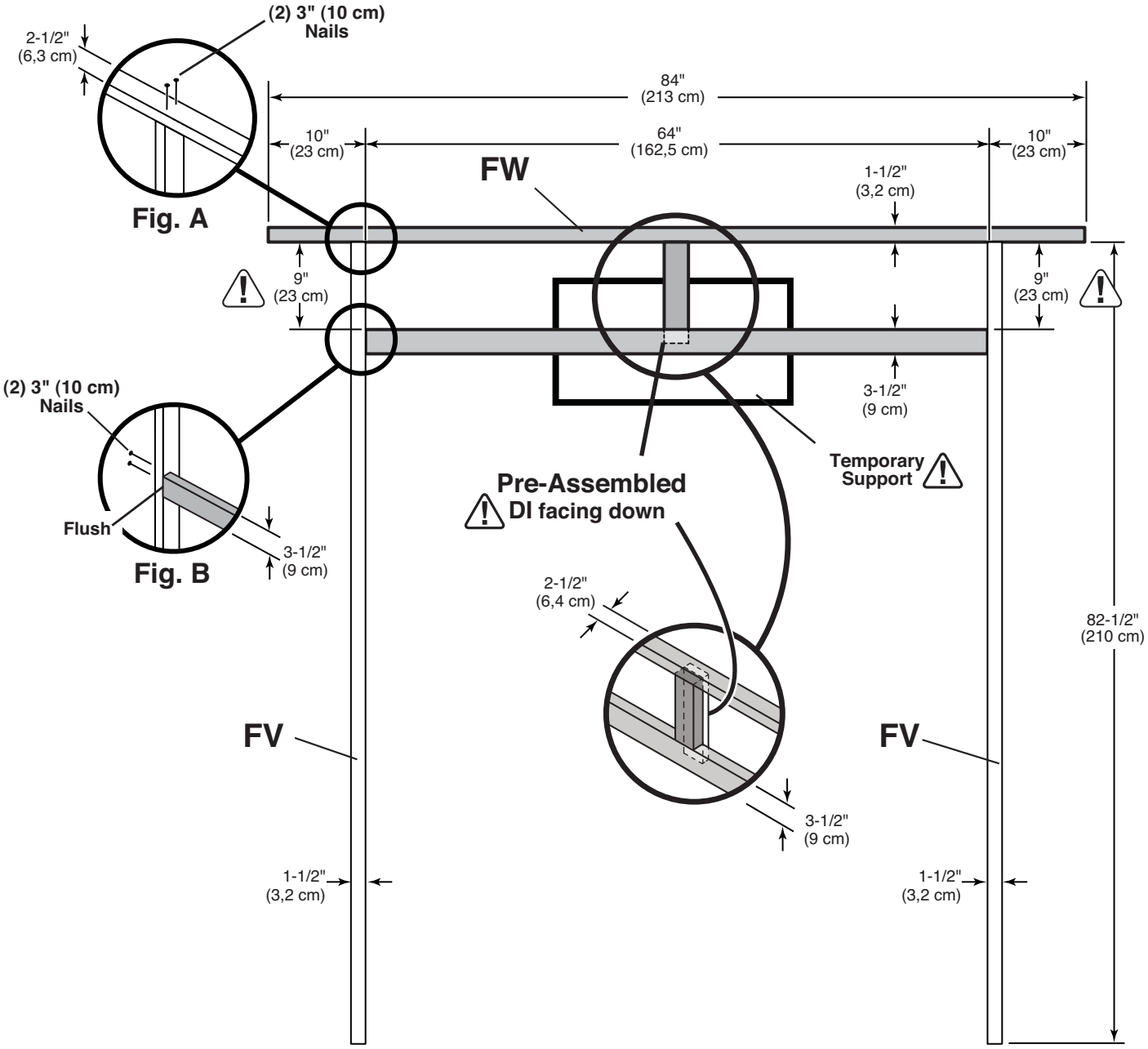
3" (7,6 cm) x8

x1 Temporary Support
7/16 x 25-3/4 x 48"
(1,1 x 65,4 x 122 cm)



BEGIN

1. Orient parts on edge on floor as shown. Install **FW** to studs with 3" nails **(Fig. A)**.
2. Place one roof panel as temporary support under pre-assembled frame.
3. Orient **Pre-Assembled Frame** on flat, ⚠ **DI** facing down. Position **Frame** 9" from bottom of **FW**. Install **Frame** to studs using (2) 3" nails **(Fig. B)**



FRONT WALL FRAME

PARTS REQUIRED:

x1 **FR**
2 x 3 x 23" (5 x 7,6 x 58 cm)

x3 **Temporary Support**
7/16 x 25-3/4 x 48"
(1,1 x 65,4 x 122 cm)

3" (7,6 cm) x2

3" (7,6 cm) x2

4 Secure **NA** with (2) 3" nails **(Fig. A)**.

5 Place two roof panels as temporary supports above frame. Install **FR** centered as shown with (2) 3" screws **(Fig. B)**.

⚠ Leave temporary supports in place until after front panels are installed.

FINISH

6 You have finished your front wall frame.

Fig. A

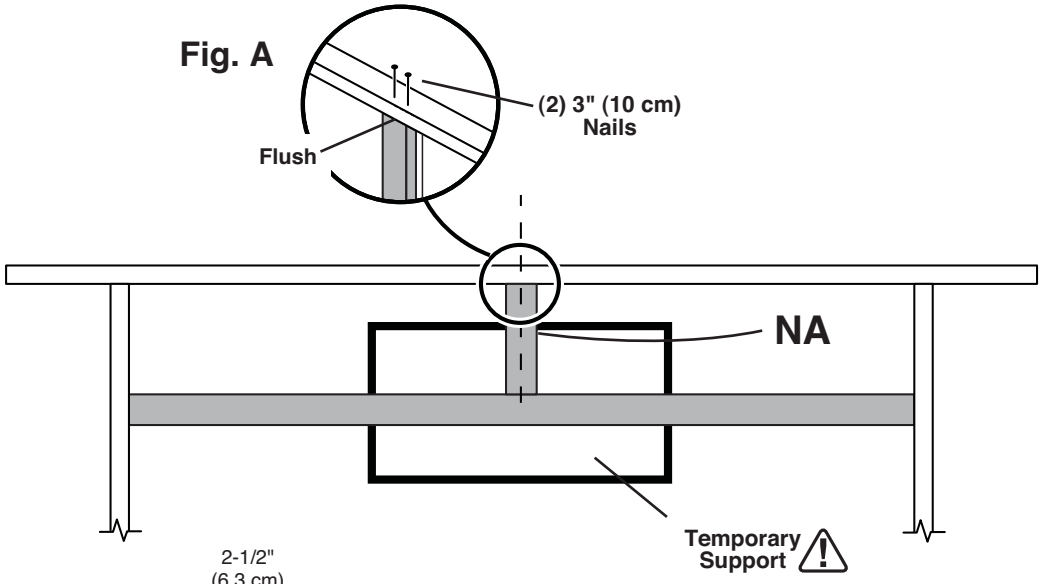
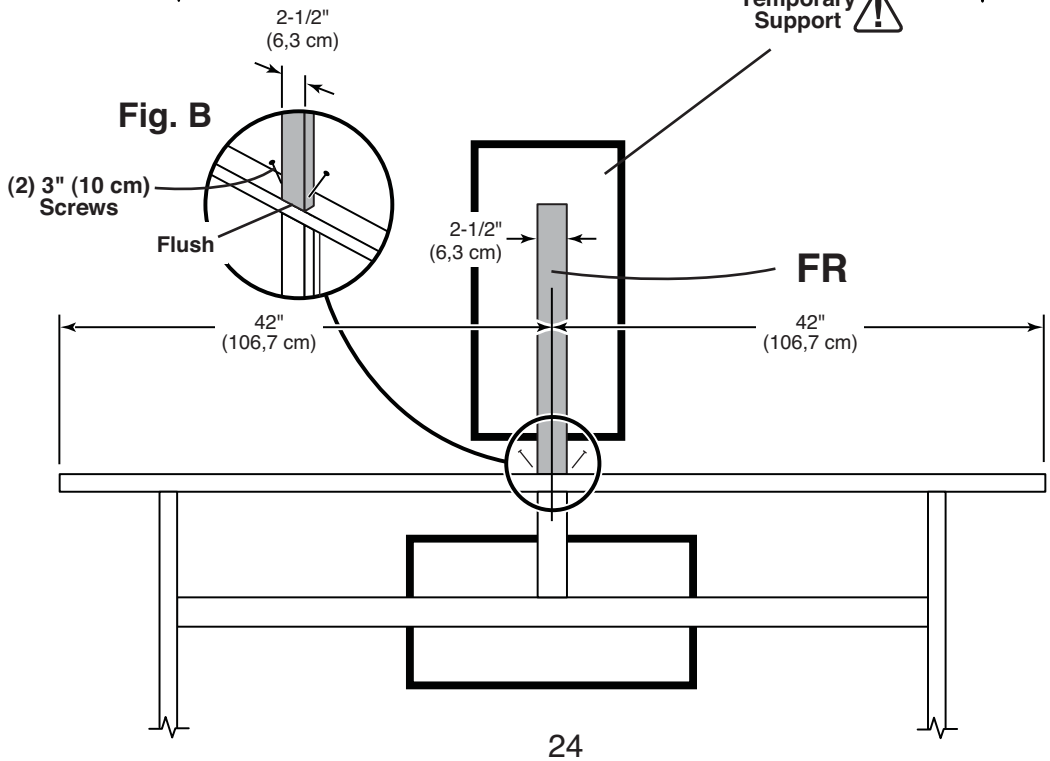


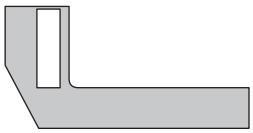
Fig. B

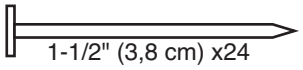


FRONT WALL PANELS

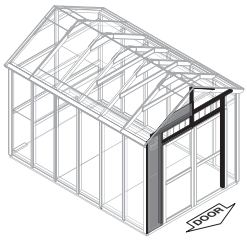
PARTS REQUIRED:

x1





⚠ Handle panels with care to avoid breakage.

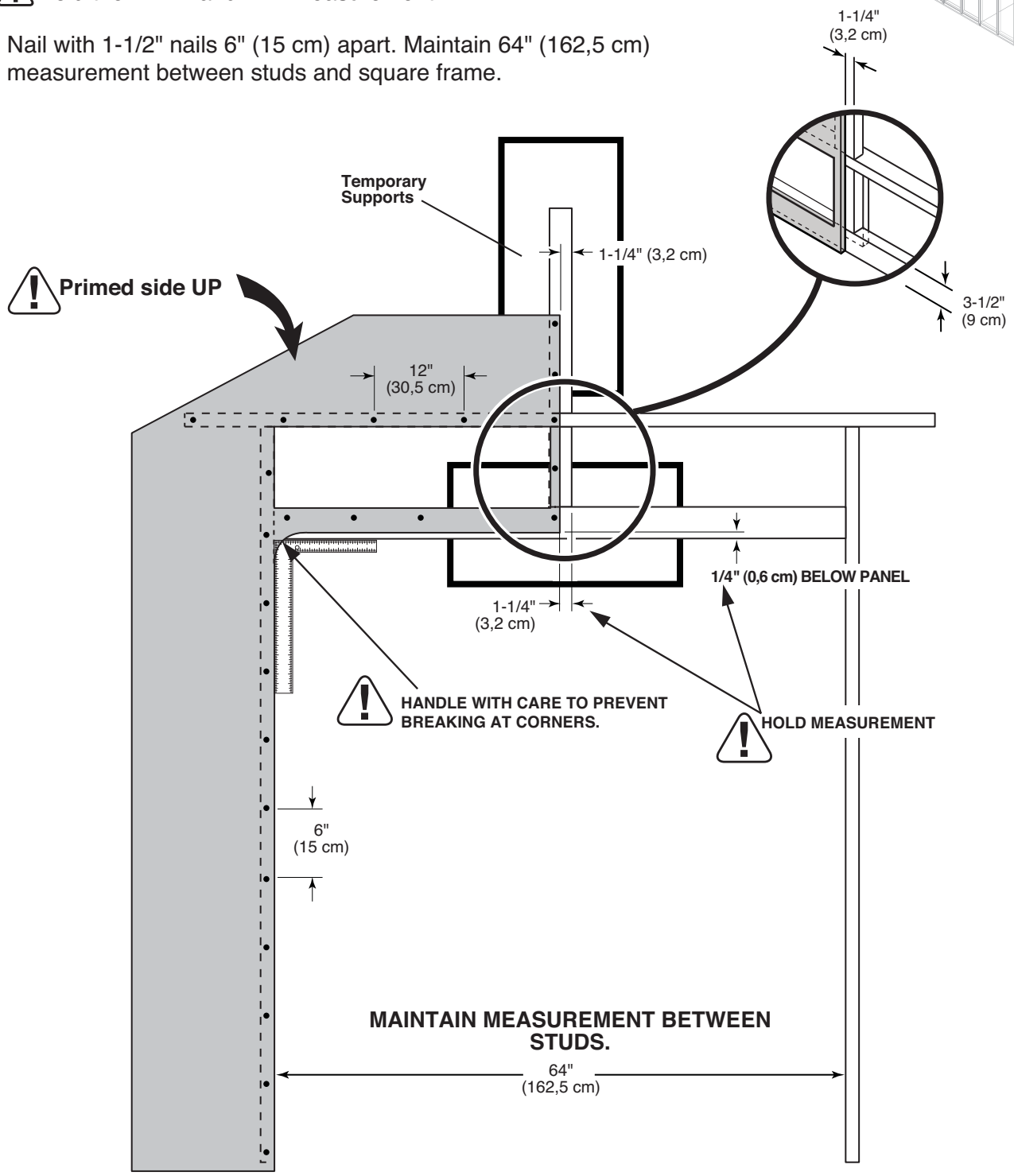


✓BEGIN

1 Place left panel on front wall frame with primed side up as shown.

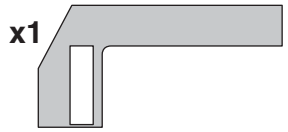
⚠ Hold the 1-1/4" and 1/4" measurement.

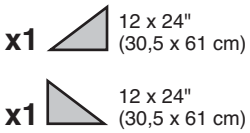
2 Nail with 1-1/2" nails 6" (15 cm) apart. Maintain 64" (162,5 cm) measurement between studs and square frame.

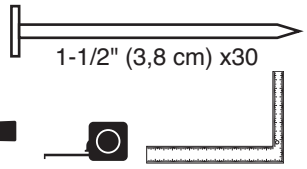


FRONT WALL PANELS

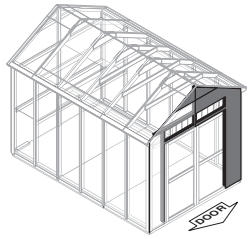
PARTS REQUIRED:







3 Place right panel on front wall frame with primed side up as shown.

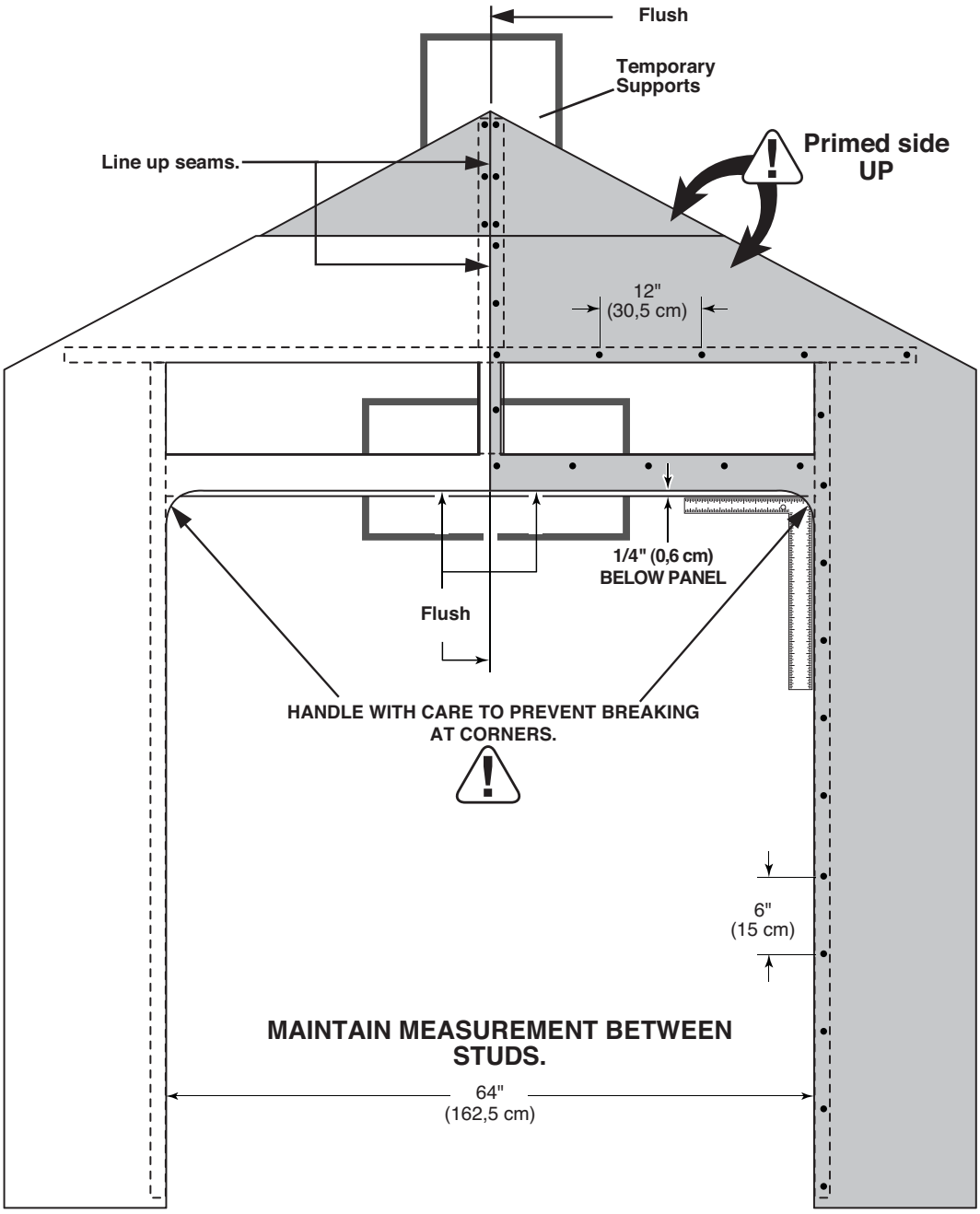


4 Nail with 1-1/2" nails 6" (15 cm) apart.
Maintain 64" (162,5 cm) measurement between studs and square frame.

5 Place right and left 12 x 24" (31 x 61 cm) panels on front wall frame with primed side up as shown. Nail with 1-1/2" nails 6" (15 cm) apart.

FINISH

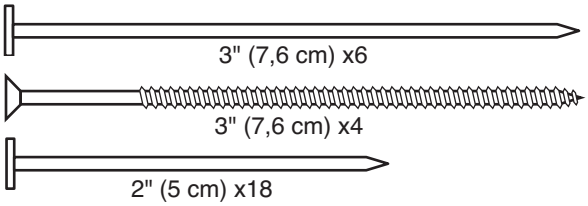
6 You have finished your front wall.



BACK WALL INSTALLATION

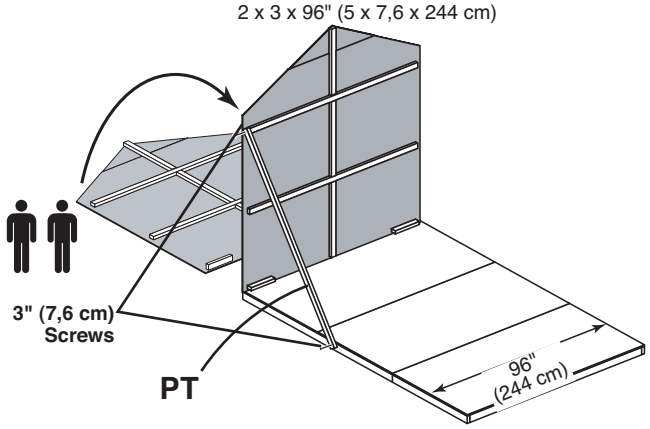
PARTS REQUIRED (TEMPORARY):

x1 **PT**
2 x 3 x 96" (5 x 7,6 x 244 cm)

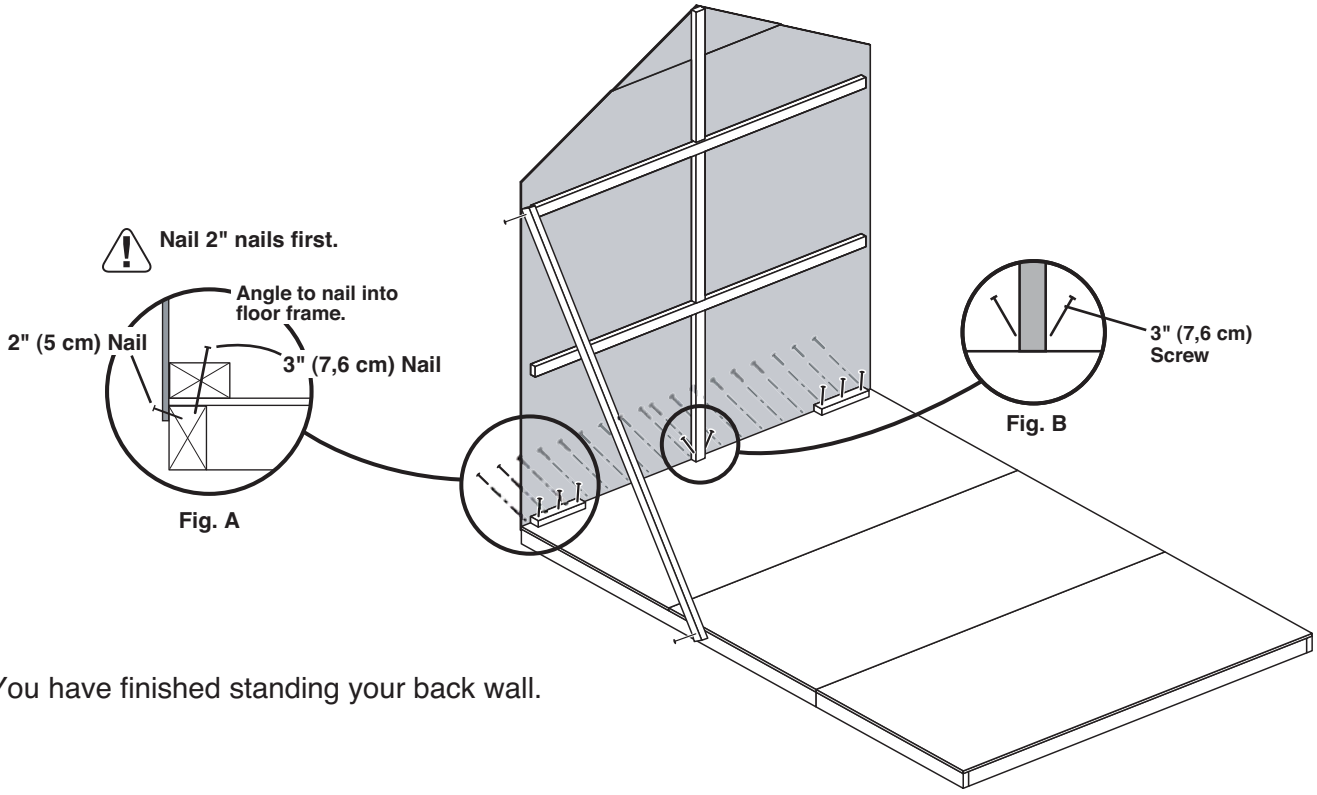


BEGIN

1. Center back wall assembly on the 96" (244 cm) floor dimension.
2. Use **PT** as a temporary brace. Secure with two 3" screws.



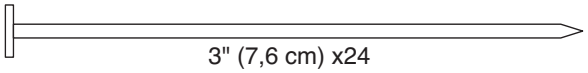
3. First, nail lower edge of panel to floor frame using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. A)**.
4. Attach **RK**, using three 3" (7,6 cm) nails as shown. Angle nails to hit floor frame (**Fig. A**).
5. Secure back wall upright to floor using two 3" screws **(Fig. B)**.

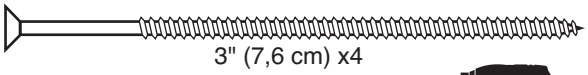


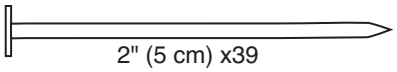
FINISH

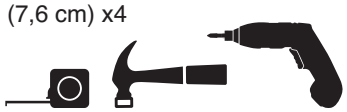
6. You have finished standing your back wall.

SIDE WALLS INSTALLATION





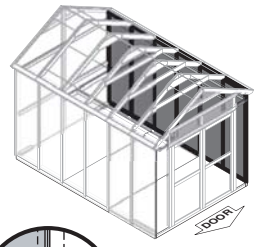




BEGIN

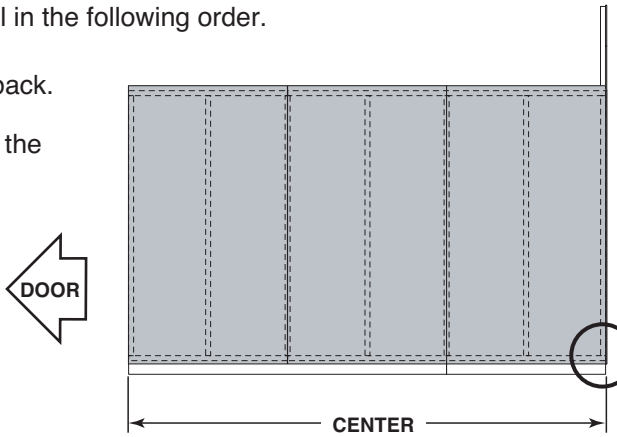
Stand right sidewall on floor.

It is important to secure the sidewall in the following order.



1 Center sidewall on floor front to back.

Nail the lower backwall corner to the sidewall frame with one 2" nail **(Fig. A)**.



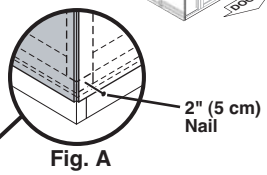


Fig. A

2 Be sure the measurement between the panel edges is the same along the entire length. Then secure with one 2" nail in the upper corner **(Fig. B)**.

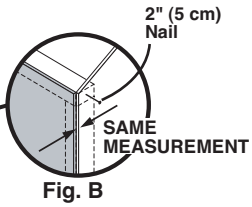


Fig. B

Nail along the backwall panel edge into the sidewall stud using 2" nails spaced 6" apart.

Nail along bottom of panel using 2" nails 6" apart. Angle nail to hit floor frame **(Fig. C)**.

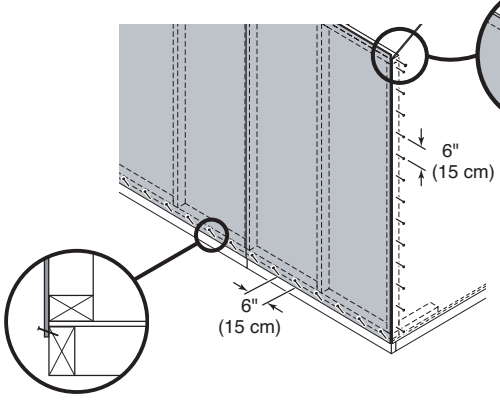


Fig. C

3 Nail down the bottom plate using two 3" nails between the wall studs.

Secure backwall horizontal supports with 3" screws **(Fig. E**, **F)** into sidewall corner stud.

Remove temporary brace.
Repeat process to secure the left sidewall.

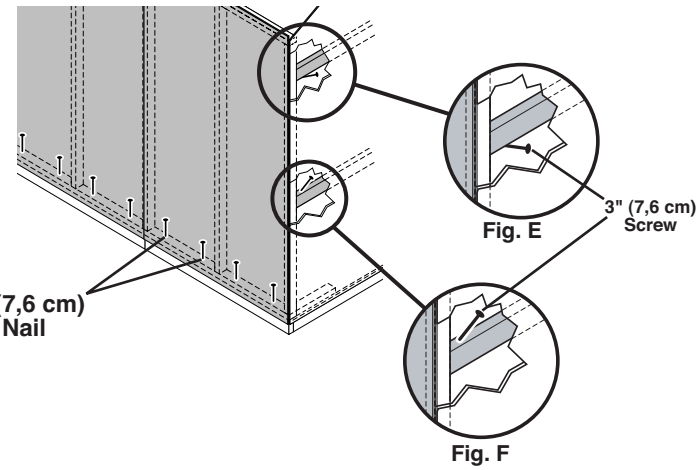
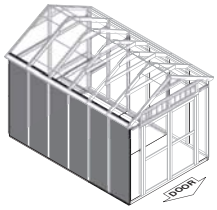


Fig. E

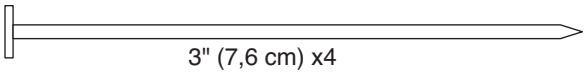
Fig. F

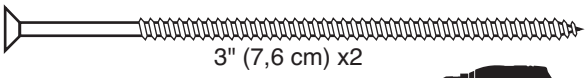


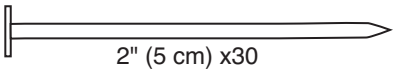
FINISH

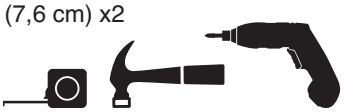
4 You have finished standing your side walls.

FRONT WALL INSTALLATION





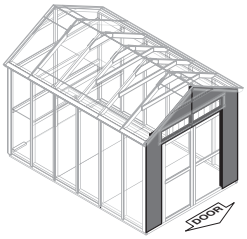




BEGIN

Stand frontwall on floor.

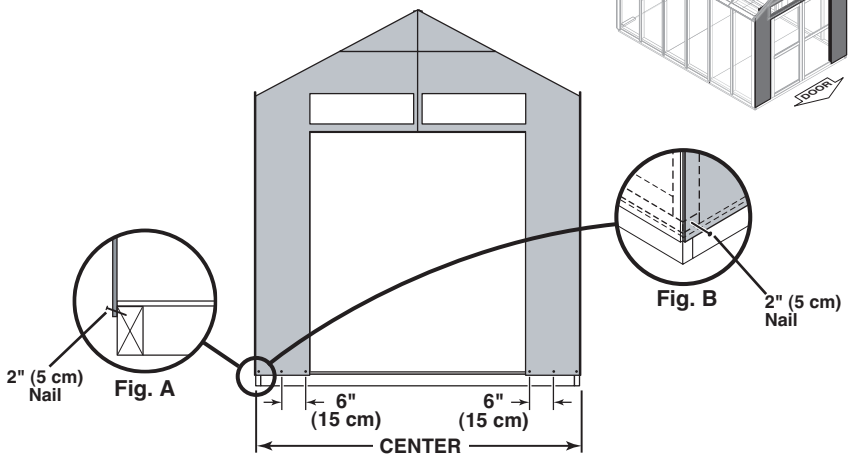
It is important to secure the frontwall in the following order.



1 Center frontwall on floor side-to-side.

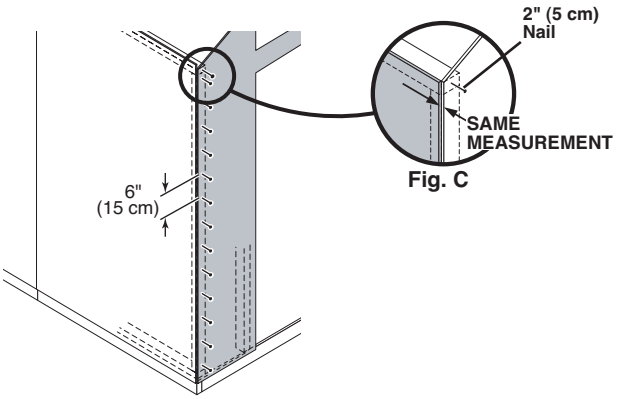
Nail the frontwall flush to the floor using 2" nails 6" apart. Angle nails to hit floor frame **(Fig. A)**.

Nail the lower frontwall corner to the sidewall stud with one 2" nail **(Fig. B)**.



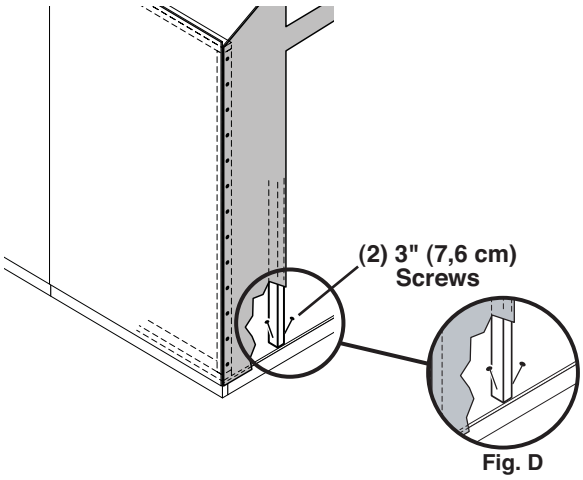
2 Be sure the measurement between the panel edges is the same along the entire length. Then secure with one 2" nail in the upper corner **(Fig. C)**.

Nail along the panel edge into the sidewall stud using 2" nails spaced 6" apart.



3 Secure the frontwall frame using two 3" screws **(Fig. D)**.

Repeat process to secure the right side of the frontwall.

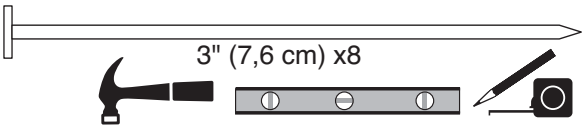


FINISH

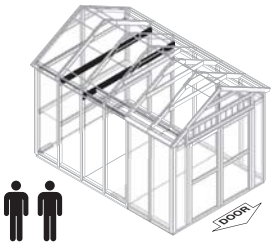
4 You have finished standing your front wall.

LOFT FRAME

PARTS REQUIRED:



x2 **TP**
2 x 4 x 96" (5 x 10 x 244 cm)



BEGIN

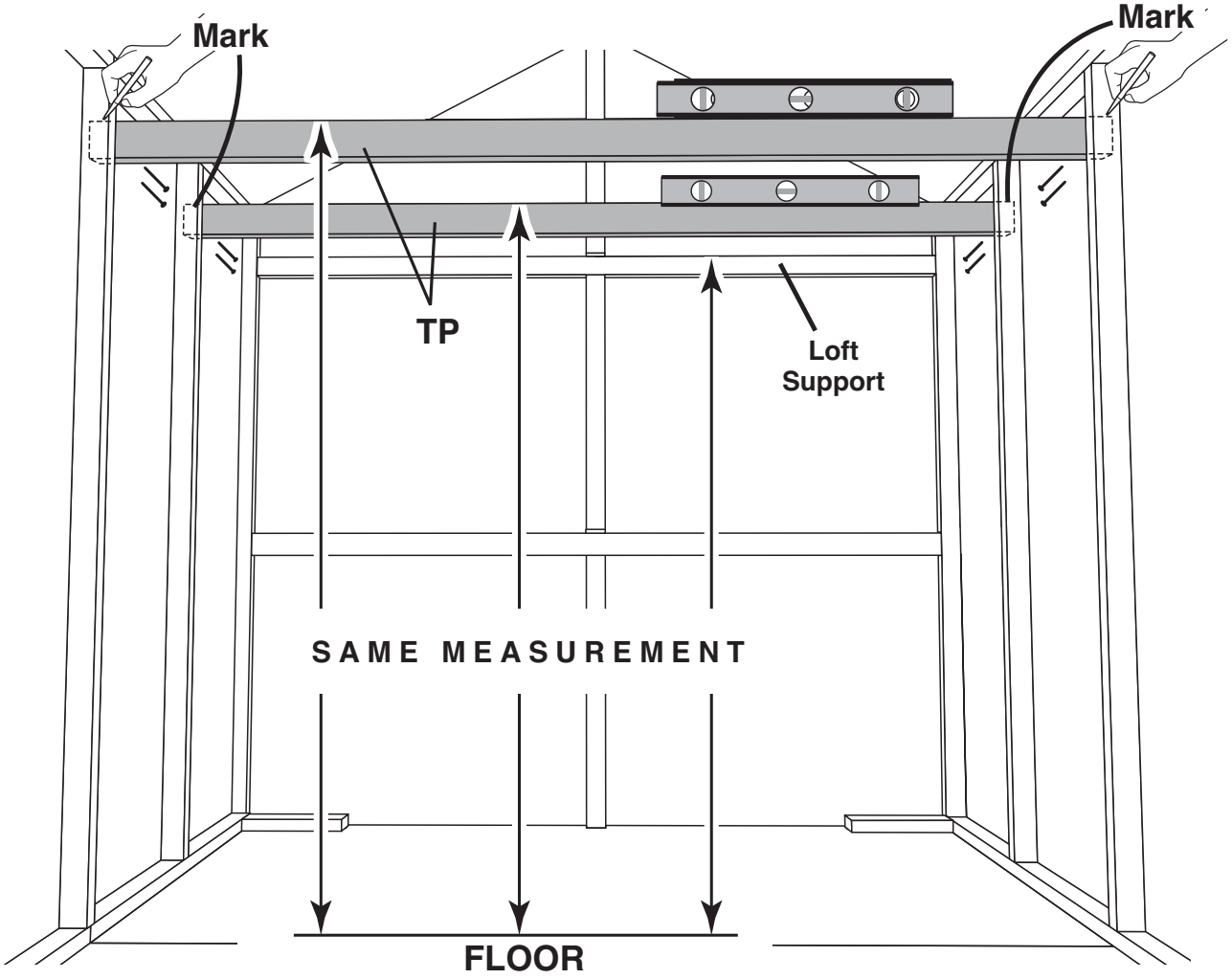
1. Measure the top of back wall loft support to floor. Measure and mark the same measurement on the back side of sidewall studs at each side as shown.

2. Install one **TP** level against back side of studs at mark with two 3" nails at each end.

3. Repeat steps 1 - 2 to install second **TP**.

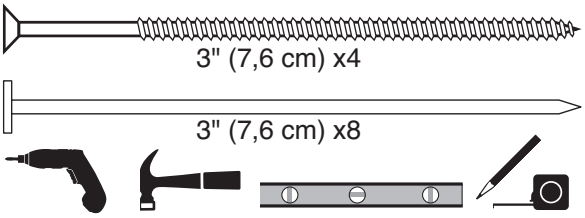
FINISH

4. You have finished installing your loft frame.



SHELF FRAME

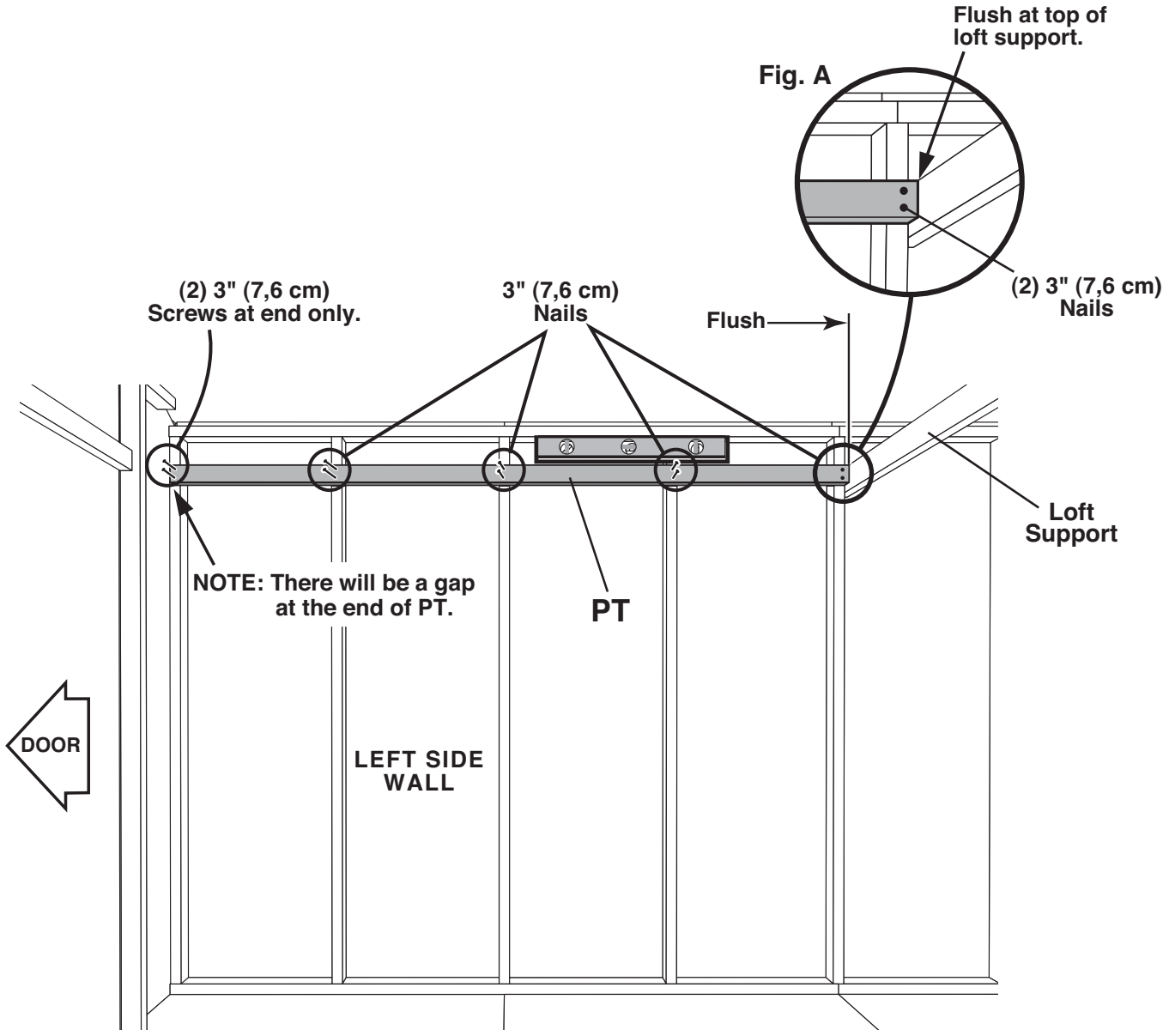
PARTS REQUIRED:



x1 PT
2 x 3 x 96" (5 x 7,6 x 244 cm)

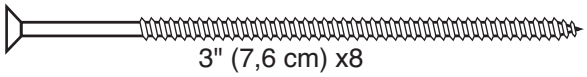
BEGIN

1. Place **PT** flush to top of loft support as shown **(Fig A)**.
2. Install **PT** level against studs and with top edge of loft support. Secure **PT** with two 3" nails at each stud and at door side with two 3" screws.



SHELF FRAME

PARTS REQUIRED:



x1 **PT**
2 x 3 x 96" (5 x 7,6 x 244 cm)

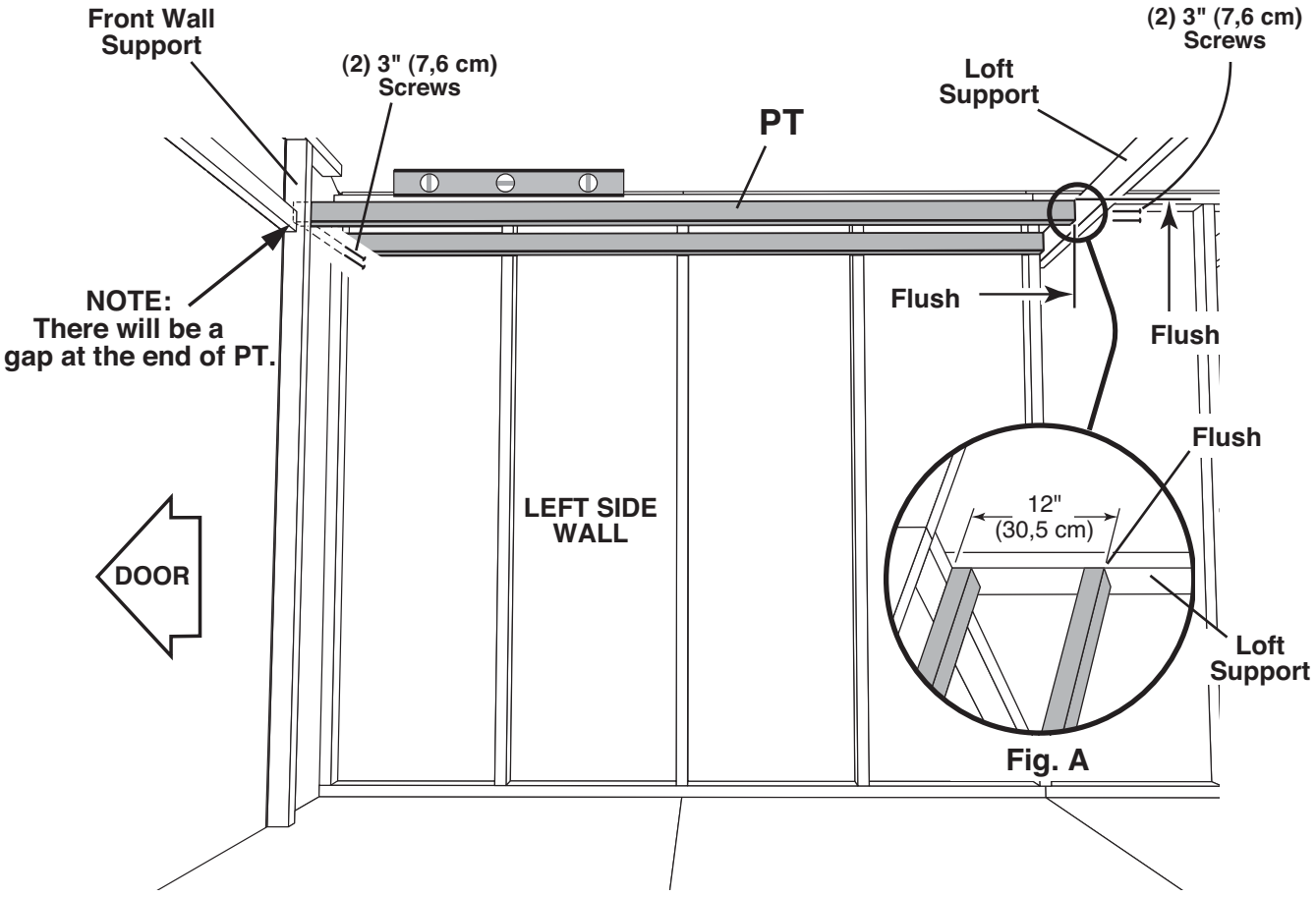
Assistance may be required to install PT.

3 Place **PT** against loft support **(Fig. A)** and secure flush using two 3" screws.

4 Check **PT** for level and secure at front wall with two 3" screws.

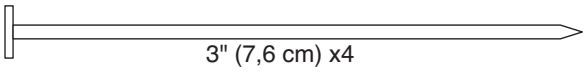
FINISH

5 You have finished installing your left side shelf frame.
Repeat steps 1 through 4 on right side for second shelf frame.



WORKBENCH

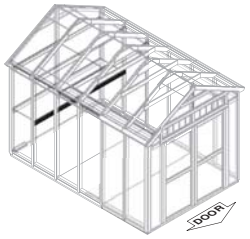
PARTS REQUIRED:



x1 **PT**

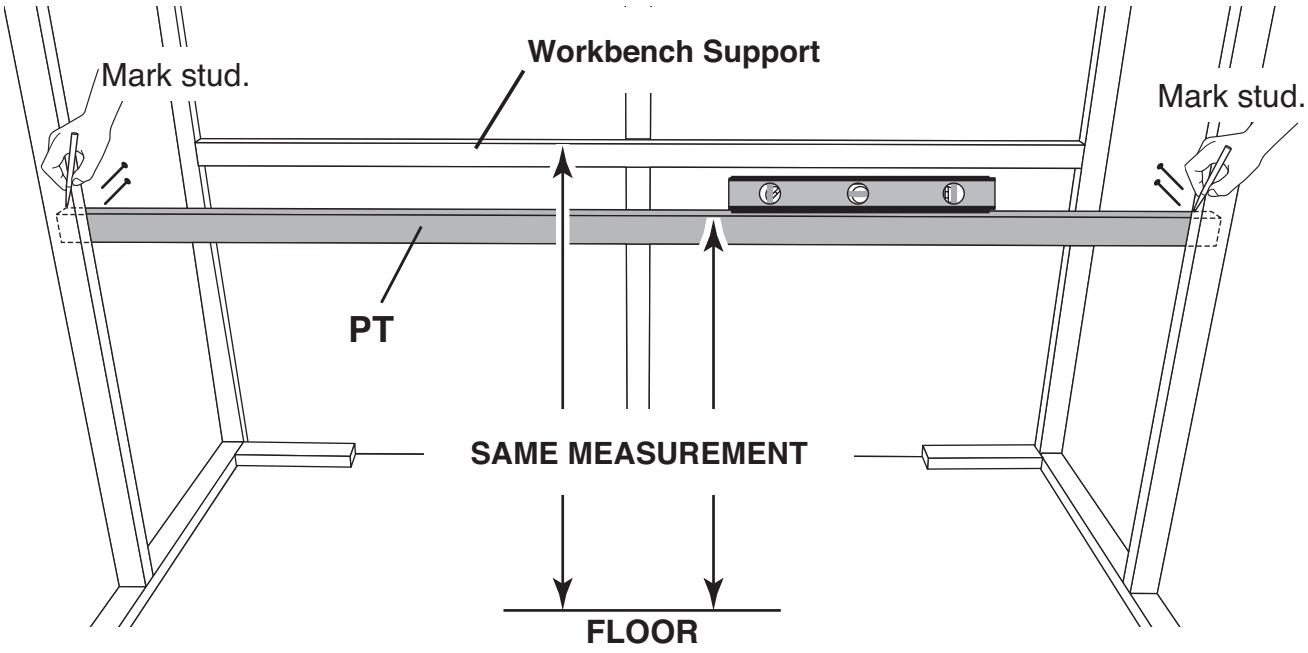
2 x 3 x 96" (5 x 7,6 x 244 cm)

✓**BEGIN**



1 Measure the top of back wall workbench support from floor. Measure and mark the same measurement on the back side of sidewall studs at each side as shown.

2 Install **PT** level against back side of studs at mark with two 3" nails at each end.

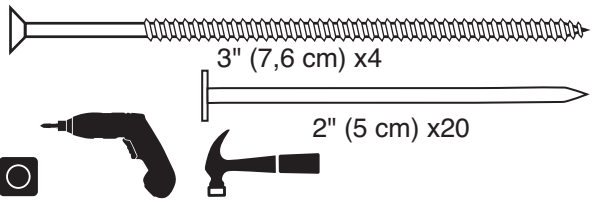


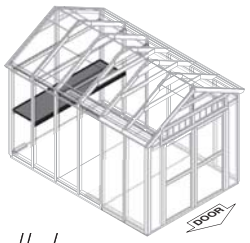
WORKBENCH

PARTS REQUIRED:

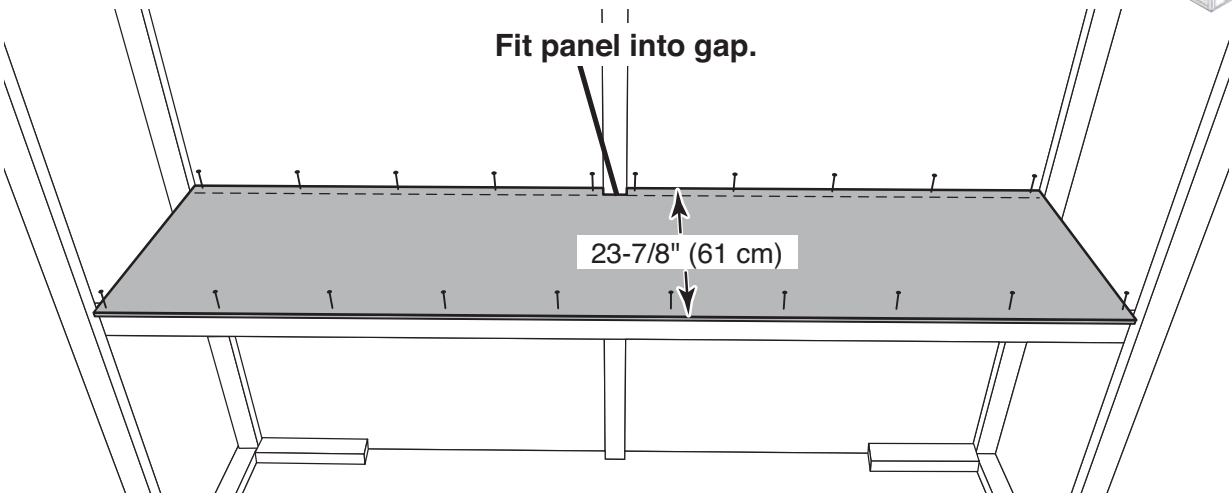
x1 **FQ**
2 x 3 x 28-5/8" (5 x 7,6 x 73 cm)

x1
7/16 x 23-7/8 x 91"
(1,1 x 61 x 231 cm)





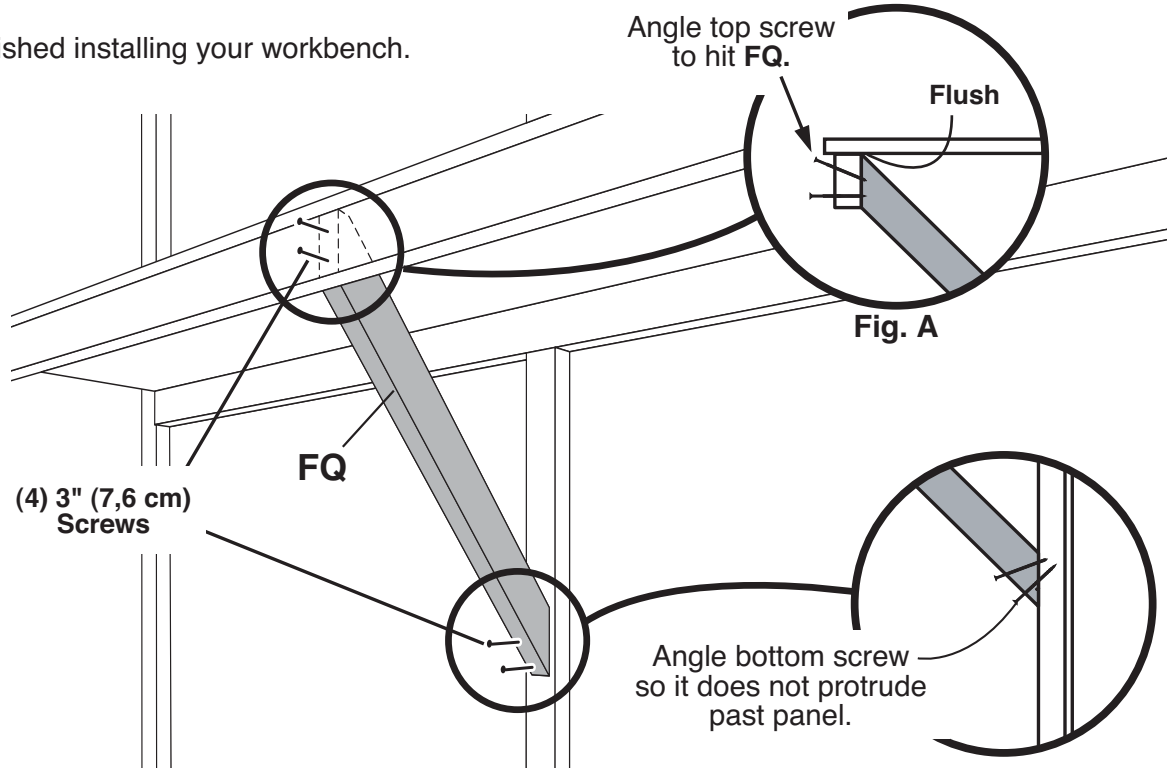
3 Place workbench into gap in back wall upright. Secure with 2" nails, as shown.



4 Attach **FQ** to upright and workbench, using four 3" (7,6 cm) screws as shown **(Fig. A)**.

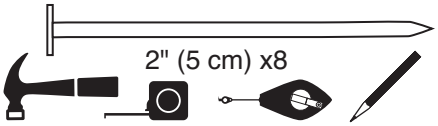
FINISH

5 You have finished installing your workbench.



LOFT PANELS

PARTS REQUIRED: **x2** 7/16 x 44-1/4 x 48" (1,1 x 112 x 122 cm)



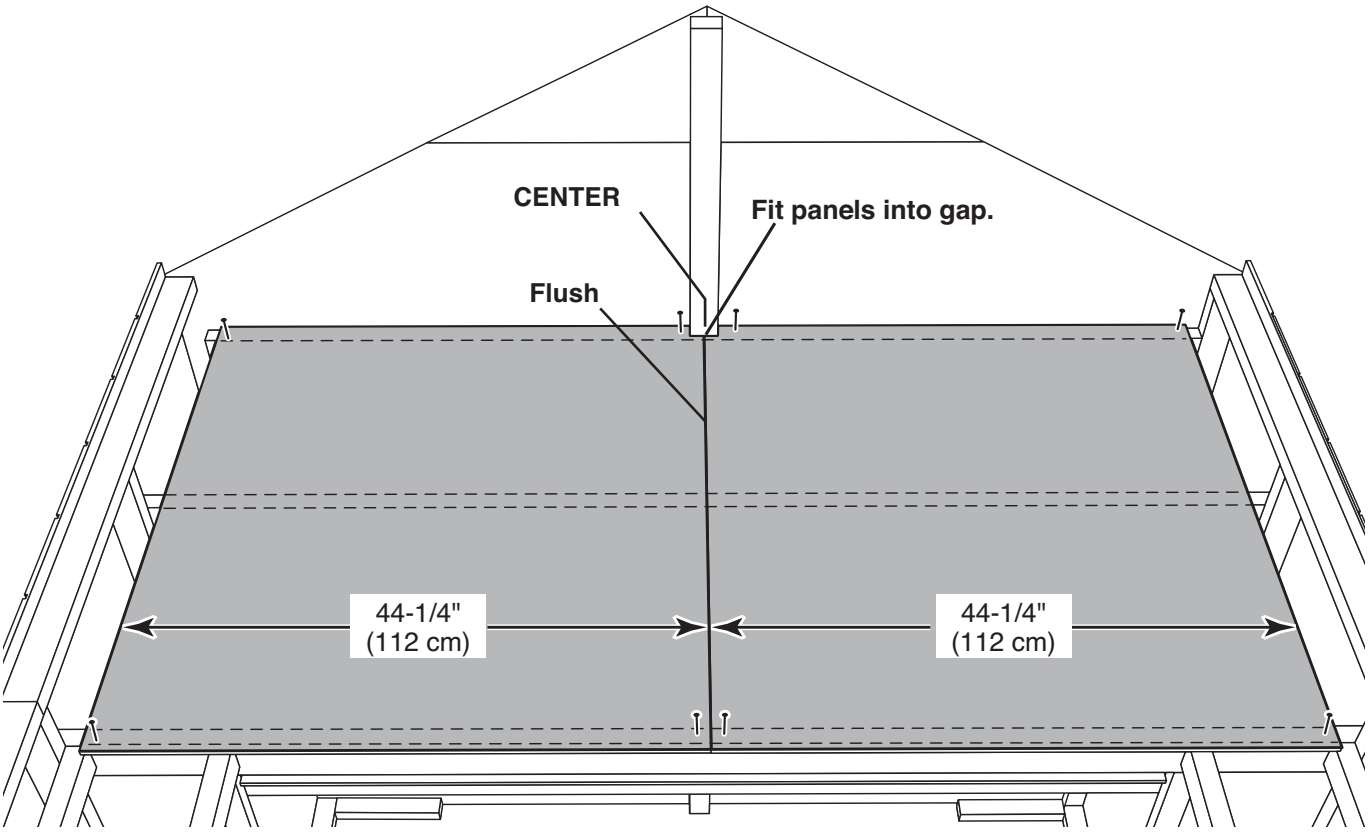
BEGIN

1. Place loft panels onto the three loft supports centered from side-to-side and flush with the back wall panel. Fit panels into gap.

2. **IMPORTANT!** Use only FOUR 2" nails in each panel, to allow squaring the roof. You will complete nailing the loft panels later.

FINISH

3. You have temporarily finished your loft panels.

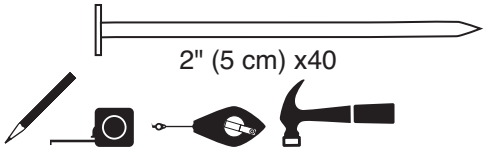


Attention: Load not to exceed 250 lbs evenly distributed across loft.

SHELF PANELS

PARTS REQUIRED:

x2 | 7/16 x 11-7/8 x 96" (1,1 x 30 x 244 cm)

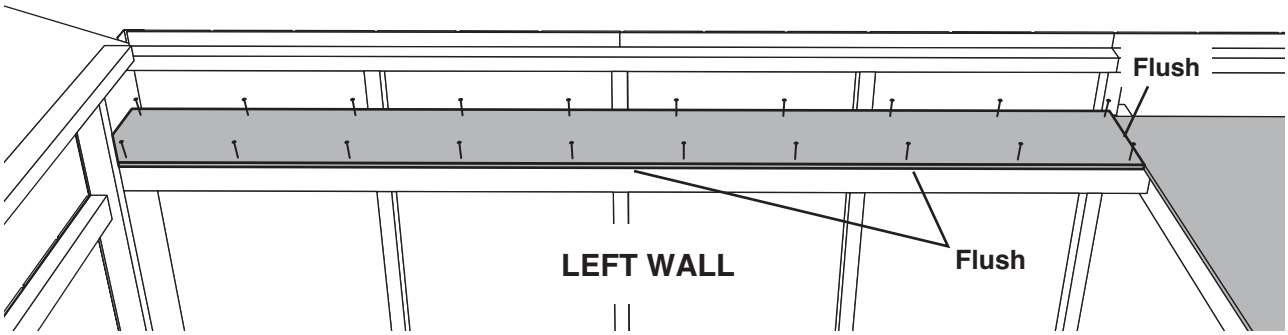


BEGIN

1. Place shelf panel onto the left wall shelf frame. Shelf panel should be flush against shelf support and loft panel. Attach using 2" nails, as shown.
2. Repeat on opposite side.

FINISH

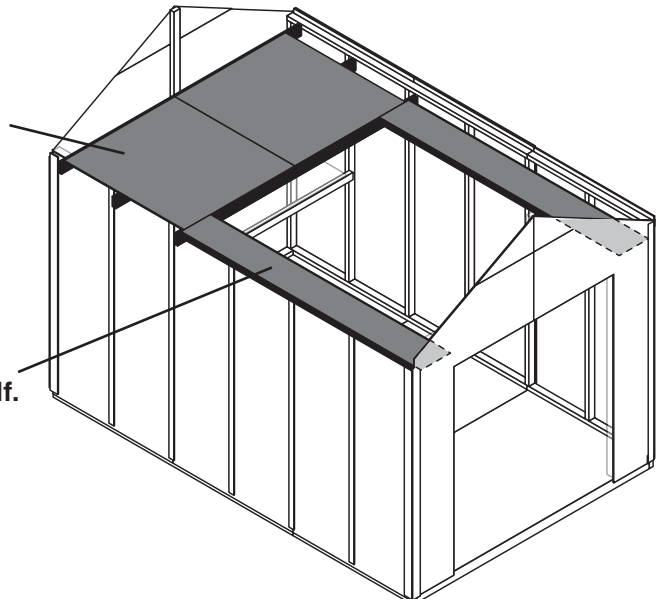
3. You have finished installing your shelf panels.



LOFT AND SHELVING CAPACITY

Attention:
Load not to exceed 250 lbs evenly distributed across loft.

Attention:
Load not to exceed 100 lbs evenly distributed across shelf.



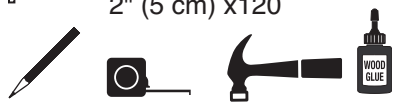
RAFTERS

PARTS REQUIRED:

x10 6 x 24" (15 x 61 cm)

x10 **AA** 2 x 4 x 55-3/16" (5 x 10 x 140 cm)

2" (5 cm) x120



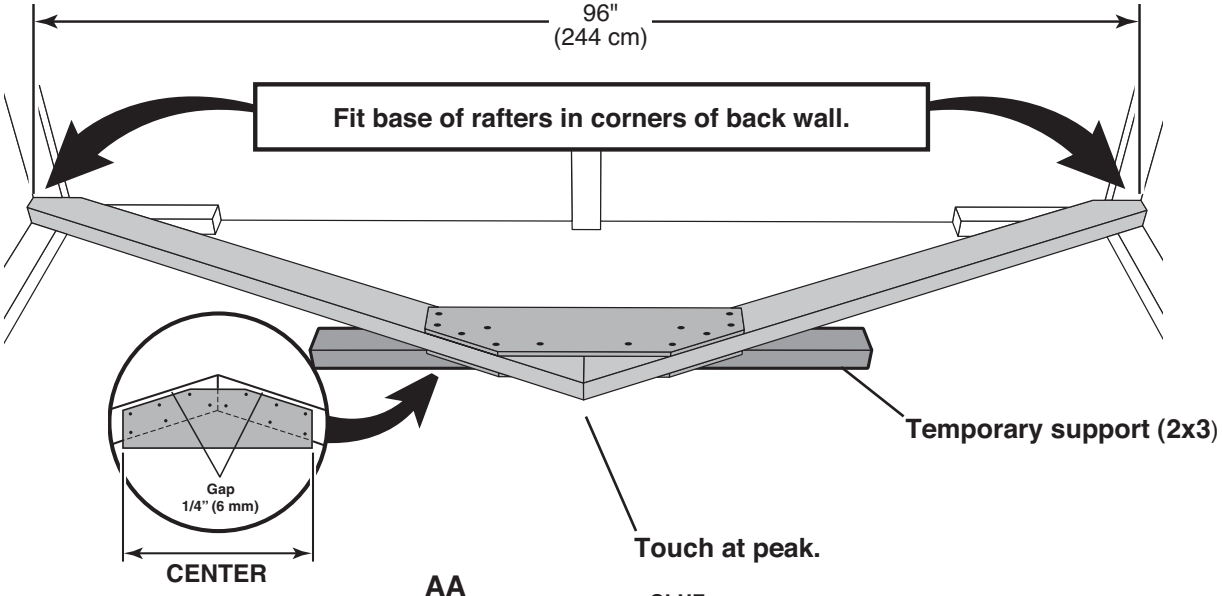
BEGIN **You will build FIVE assemblies;**

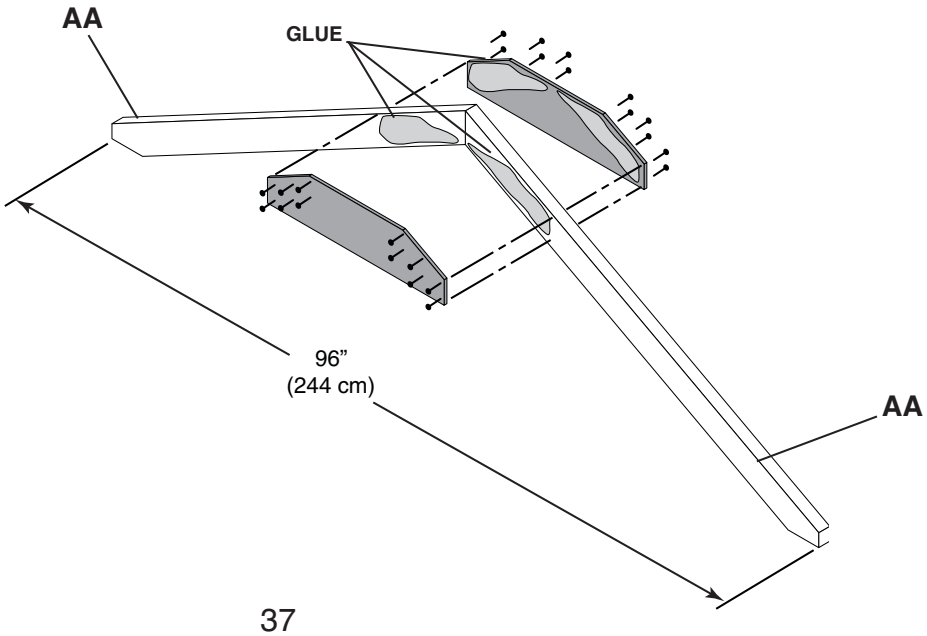
1. Place two rafter-halves in the corner of back and side walls.
2. **Rafters should touch at peak.** Apply glue on gusset and place on rafters.
3. Nail gusset onto rafter using 2" nails, staggered, as shown.
4. Flip over rafter assembly and glue and nail second gusset to back side.
5. Repeat steps 1-4 to build four more assemblies.

FINISH

6. You have finished assembling your rafters.

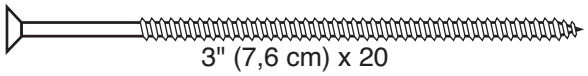
HINT:
Use floor and walls to help assemble rafters!

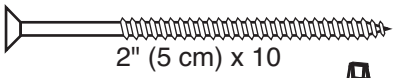


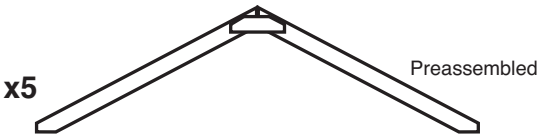


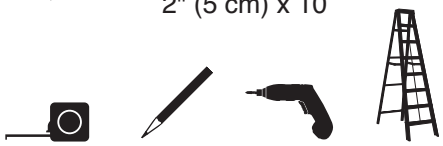
RAFTERS

PARTS REQUIRED:









BEGIN

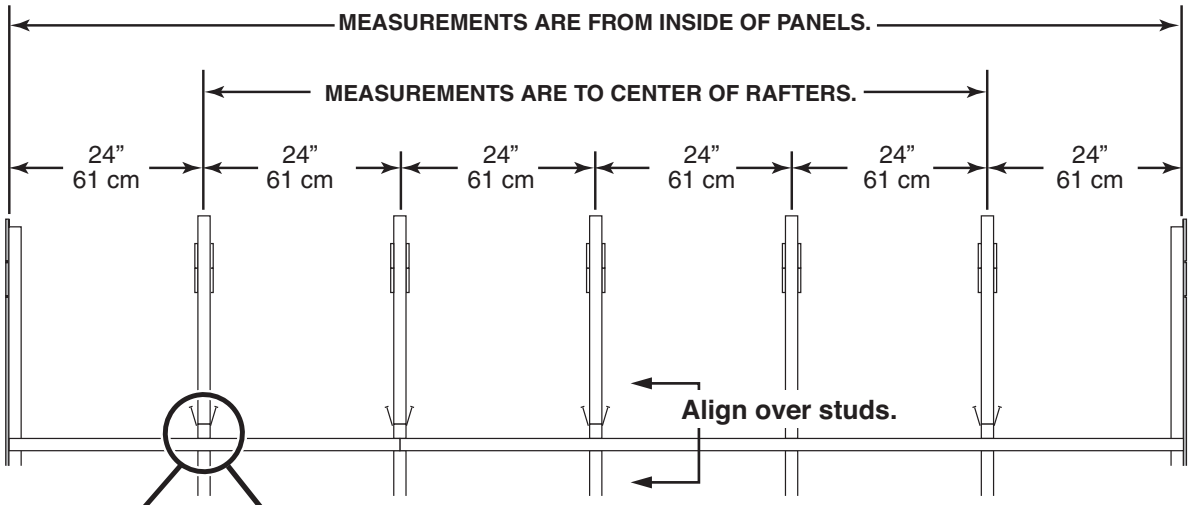
1. Locate rafters directly over studs and flush to wall panel. Check that you have the measurements shown.

2. First, secure ends of rafters with one 2" screw at each end **(Fig. A)**. Secure ends of rafters with two 3" screw at each end **(Fig. B**, **Fig. C)**.

3. Repeat steps to attach 4 rafters.

FINISH

4. You have attached your rafters.



Maintain the measurements between rafters.

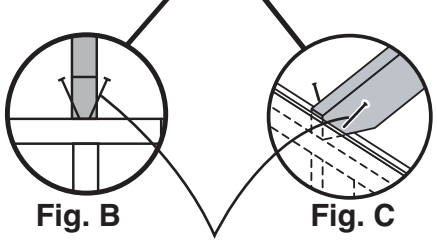
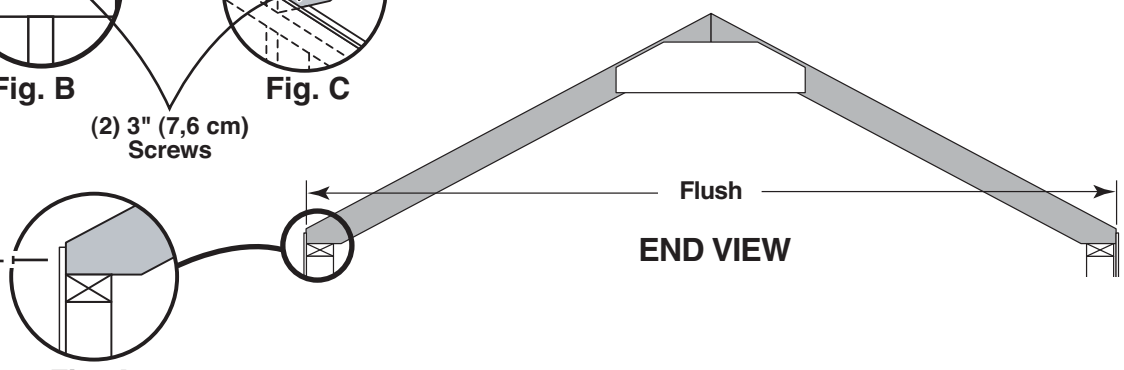


Fig. B **Fig. C**

(2) 3" (7,6 cm) Screws

(2) 2" (5 cm) Screws each end.

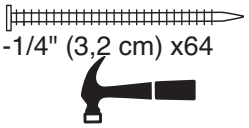


END VIEW

Fig. A

TRIM

PARTS REQUIRED:



x4 2 x 2 x 84" (5 x 5 x 213 cm)

BEGIN

1. Install metal corner trim flush with top of side panel **(Fig. A)**.
2. Secure trim to wall using sixteen 1-1/4" nails (eight per side) spaced evenly as shown.

FINISH

3. You have finished installing your corner trim.

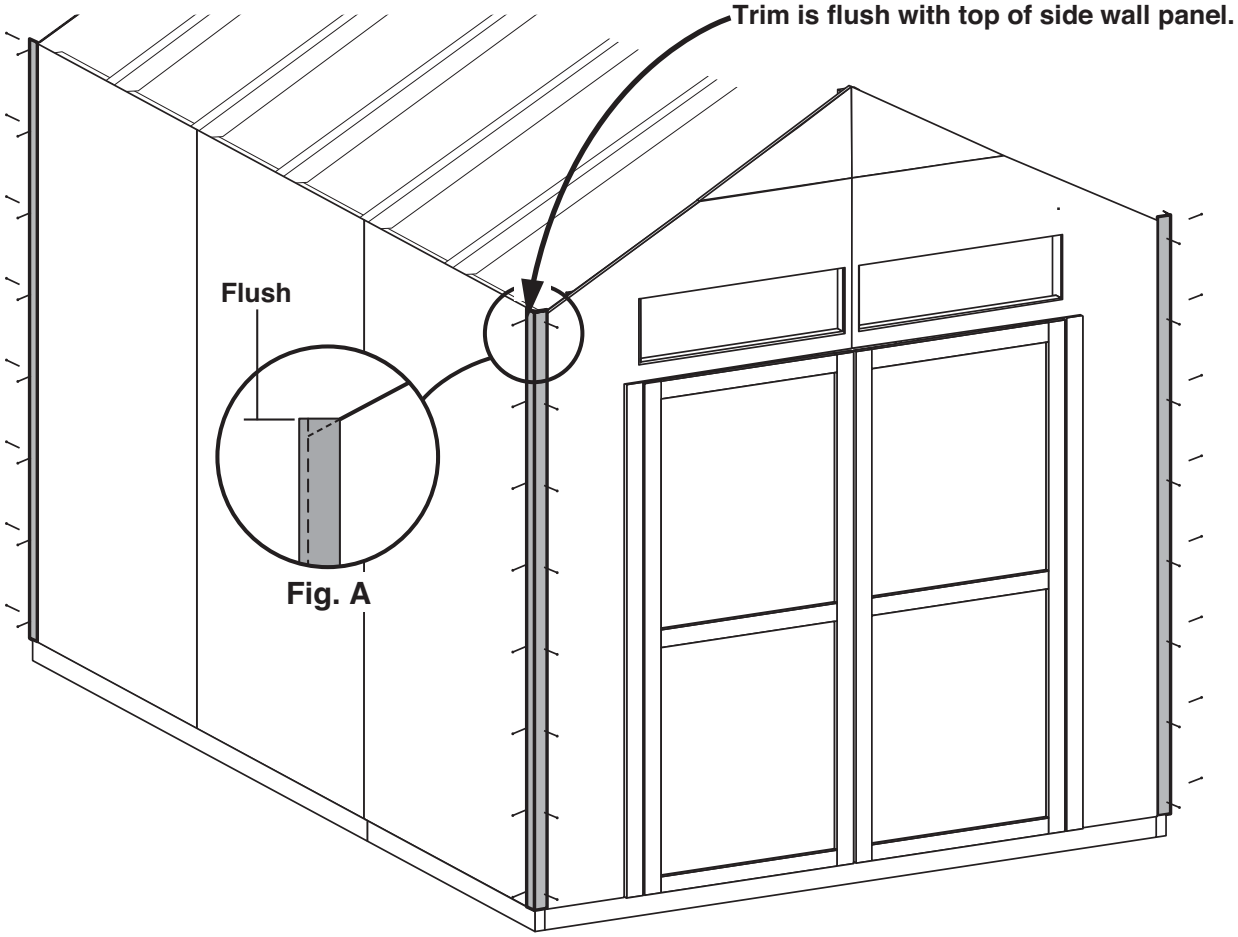


Fig. A

GABLE TRIM

PARTS REQUIRED:

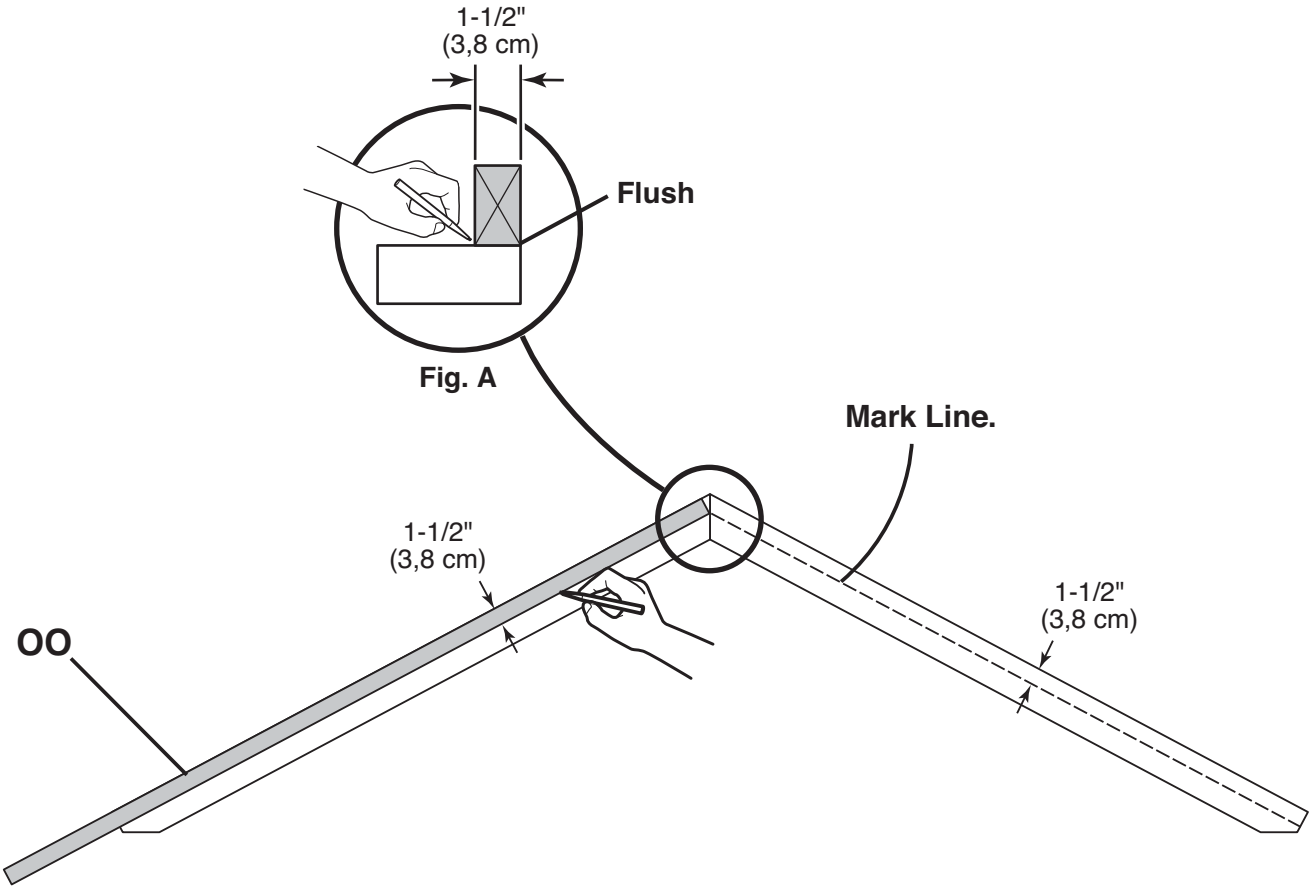
x4 **AG**
2 x 4 x 59-1/8" (5 x 10 x 150 cm)

x1 **OO**
2 x 3 x 69" (5 x 7,6 x 175,3 cm)
Temporary Straight Edge

✓**BEGIN**

1 Orient **AG** on floor as shown. Using **OO** as a straight edge, mark a line 1-1/2" down length of **AG (Fig. A)**.

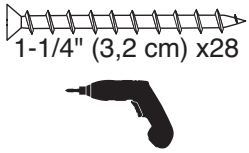
2 Repeat step 1 to mark all trim.



GABLE TRIM

PARTS REQUIRED:

x4 **AG**
2 x 4 x 59-1/8" (5 x 10 x 150 cm)



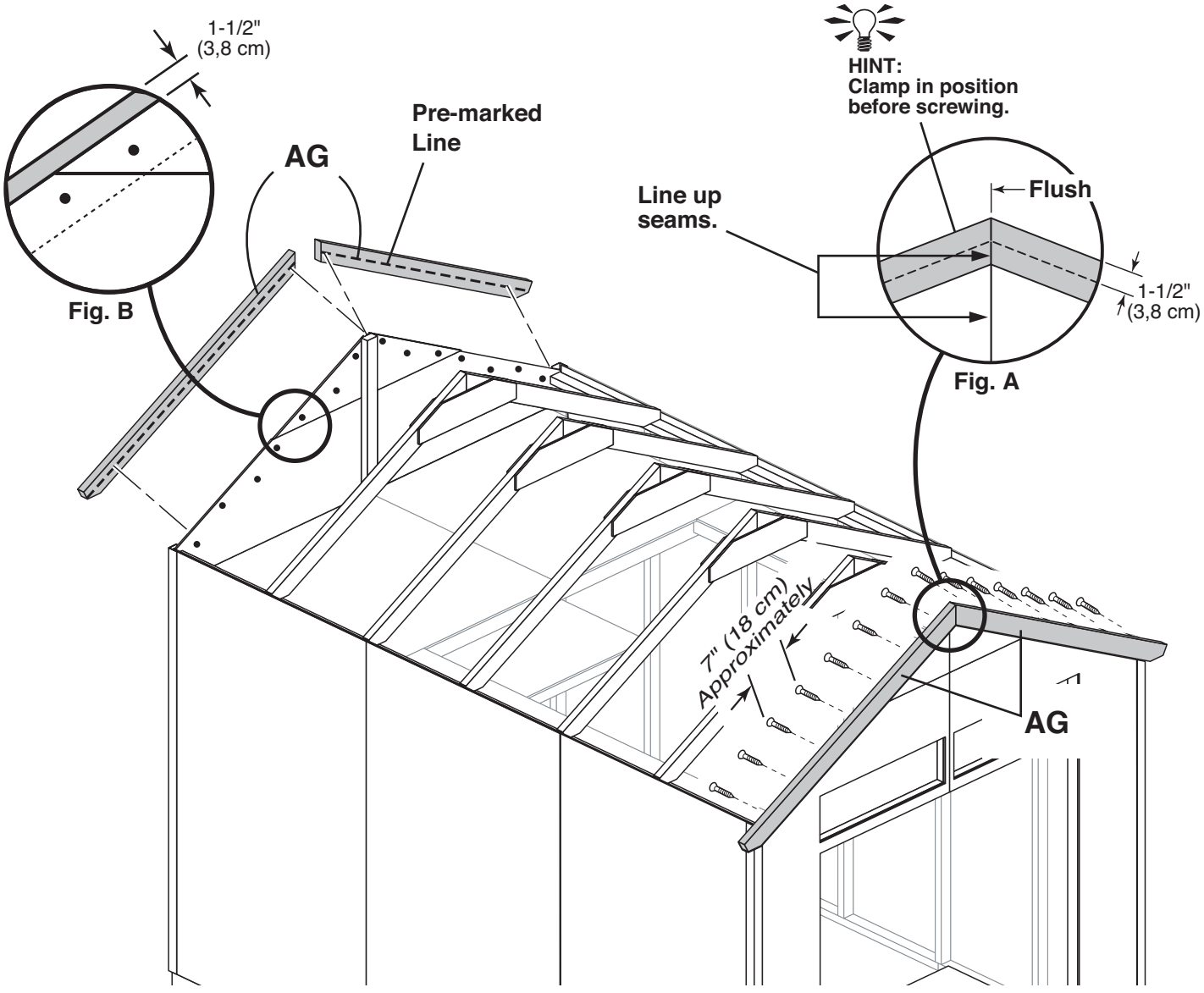
3. Position one **AG** 1-1/2" up from front panel edge and center with panel seam **(Fig. A)**. Attach trim with seven 1-1/4" screws from inside. Install two screws at seam **(Fig. B)**.

4. Position second **AG** 1-1/2" up from panel edge and flush to **AG** already attached **(Fig. A)**. Attach trim with seven 1-1/4" screws from inside. Install two screws at seam **(Fig. B)**.

5. Repeat steps 3-4 to attach the back trim.

FINISH

6. You have attached your upper trim.

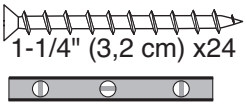


GABLE TRIM

PARTS REQUIRED:

x2 **AW**
2 x 3 x 41-7/8" (5 x 7,6 x 106 cm)



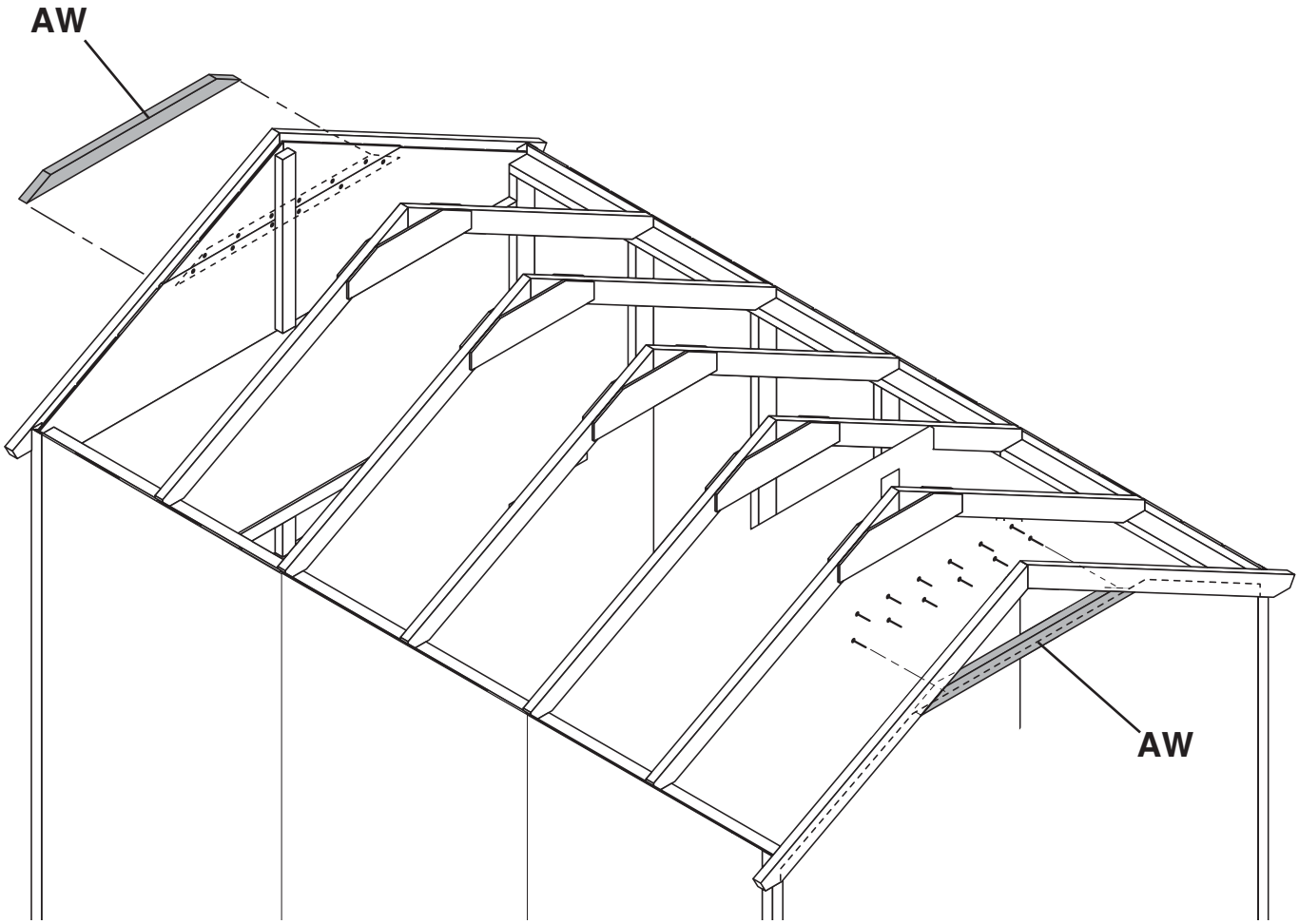


BEGIN

1. Install **AW** level over seam of front wall panels with twelve 1-1/4" screws from inside as shown.
2. Repeat step 1 installing **AW** over seam at back side.

FINISH

3. You have finished installing your horizontal gable trim.



ROOF PANELS

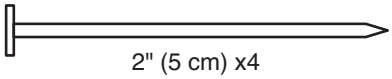
PARTS REQUIRED:

x2

7/16 x 48 x 96"
(1,1 x 122 x 244 cm)

x2

7/16 x 11-1/4 x 96"
(1,1 x 28,6 x 244 cm)



2" (5 cm) x4

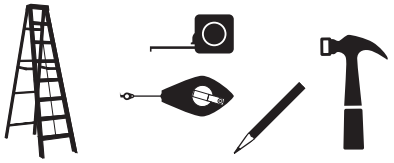
**3/4"
GAUGE BLOCK**

x2

7/16 x 11-1/4 x 25-3/4"
(1,1 x 29 x 65,4 cm)

x2

7/16 x 25-3/4 x 48"
(1,1 x 65,4 x 122 cm)



Roof panels may cause serious injury until securely fastened.

You must square the roof by attaching one panel fist. You will use the panels' long edge as a lever to bring your roof into square. Commonly known as "racking".

BEGIN

1 Attach the **48 x 96"** panel with the rough side up (painted-grid lines side) with a 3/4" measurement on the rafter **(Fig A)** and the panel flush at the peak **(Fig. B)**.

Secure panel with two 2" nails in the corners.

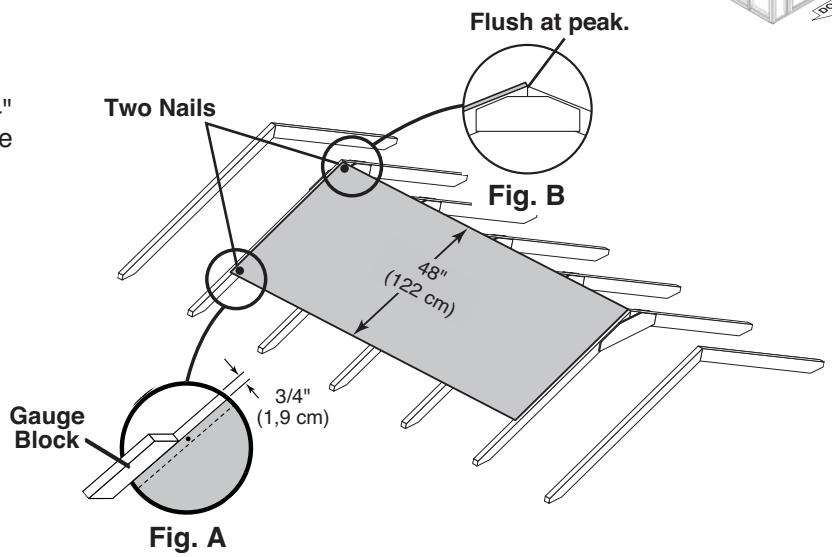


Fig. B

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 the top corner is flush to the peak **(Fig. C)** and there is 3/4" measurement to the rafter **(Fig. D)**.

You may need to move your rafter to get the 3/4" measurement. Secure panel with two 2" nails in the corners.

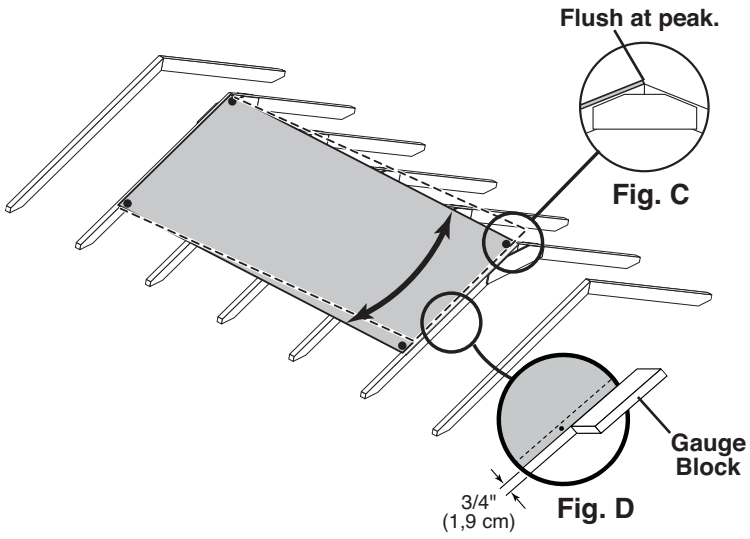


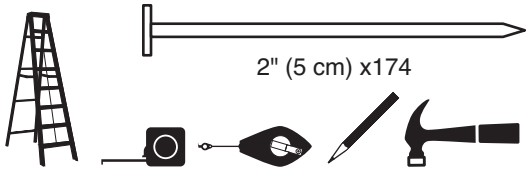
Fig. C

Fig. D

ROOF PANELS

PARTS REQUIRED:

GAA
3/4"
GAUGE BLOCK

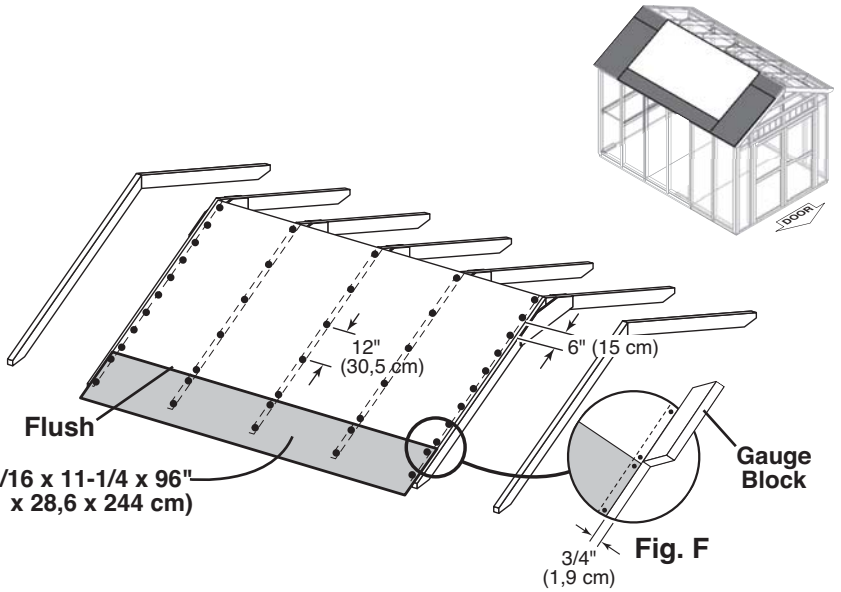


3 Keep spacing between the center of the rafters at the lower edge of the panel and secure with one 2" nail into each rafter **(Fig. E)**.

Move to the top of the panel and keep spacing between the center of the rafters. Secure with one 2" nail into each rafter **(Fig. E)**.

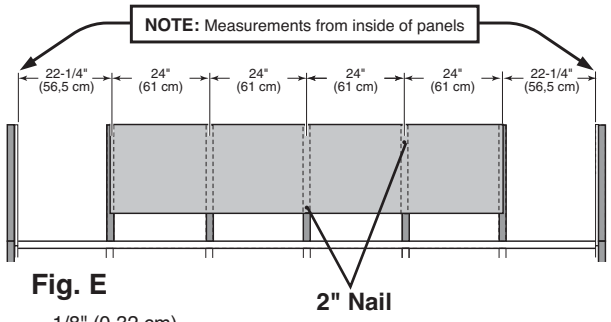
Nail the roof panel using 2" nails 6" apart on edges and 12" apart inside panel.

Attach the second **11-1/4 x 96"** lower roof panel flush to first panel along edge and with the 3/4" measurement **(Fig. F)**.



4 At one end attach a lower **25-3/4 x 48"** roof panel flush to the center panels **(Fig. G)** and with 1/8" at gable trim **(Fig. H)**.

Nail the roof panel using 2" nails 6" apart.

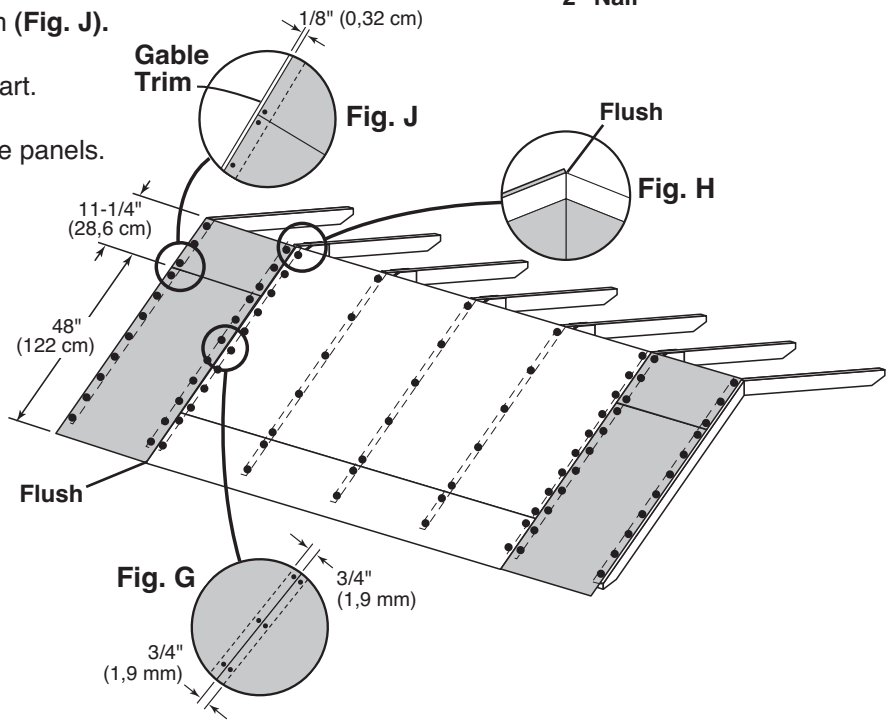


5 Attach one upper **11-1/4 x 25-3/4"** roof panel flush to the installed panel **(Fig. G)** and flush at peak **(Fig. H)** and with 1/8" at gable trim **(Fig. J).**

Nail the roof panels using 2" nails 6" apart.

Move to opposite end to install two more panels.

Repeat process to attach roof panels on the opposite side.

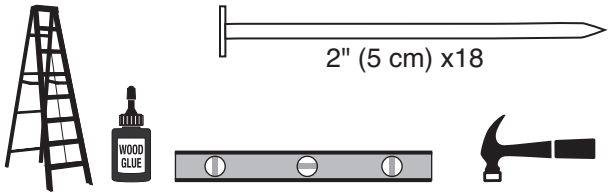


FINISH **6** You have finished installing your roof panels.

COLLAR TIES

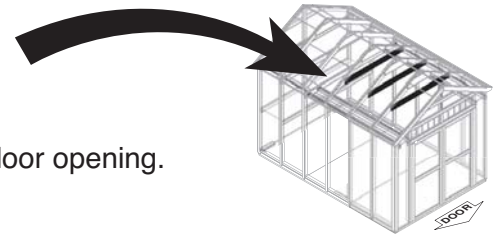
PARTS REQUIRED:

x3 **JF**
1 x 4 x 60" (2,5 x 10 x 152 cm)



BEGIN

1 Position and level each **JF** on first three rafters past door opening. Do not install JF over loft.

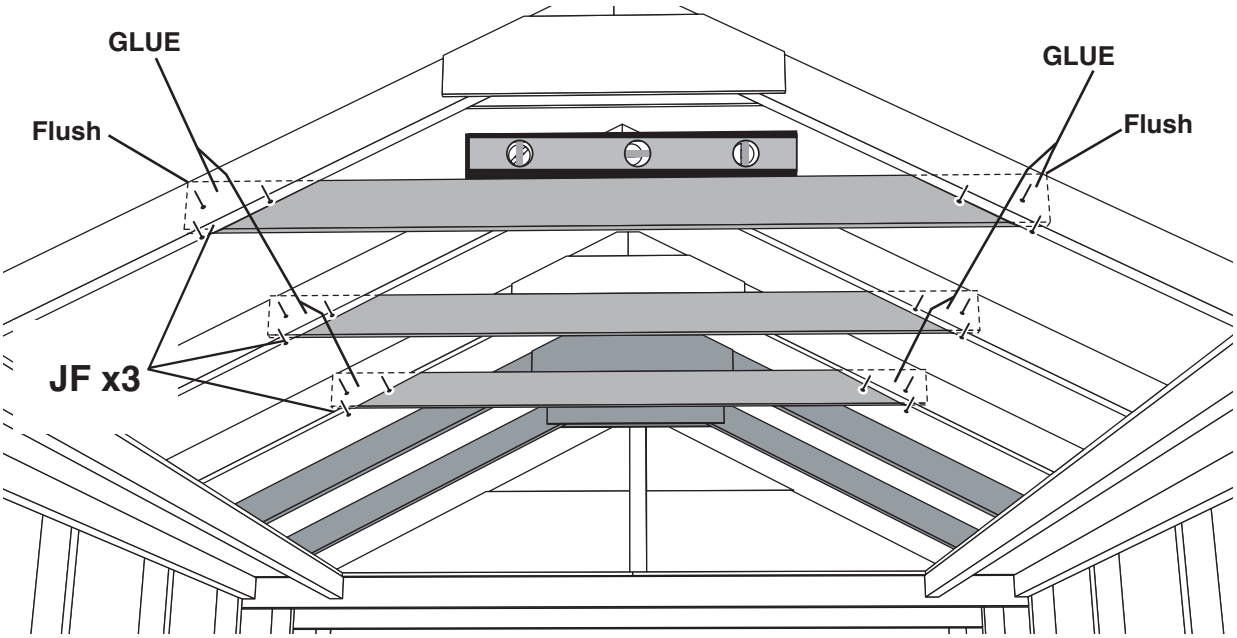


HINT: For best appearance install **JF** on rafter facing away from door opening.

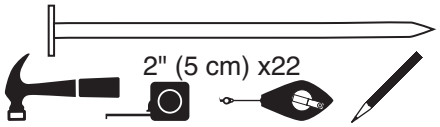
2 Glue **JF** and attach with 2" nails as shown.

FINISH

3 You have finished installiing your collar ties.



LOFT PANELS

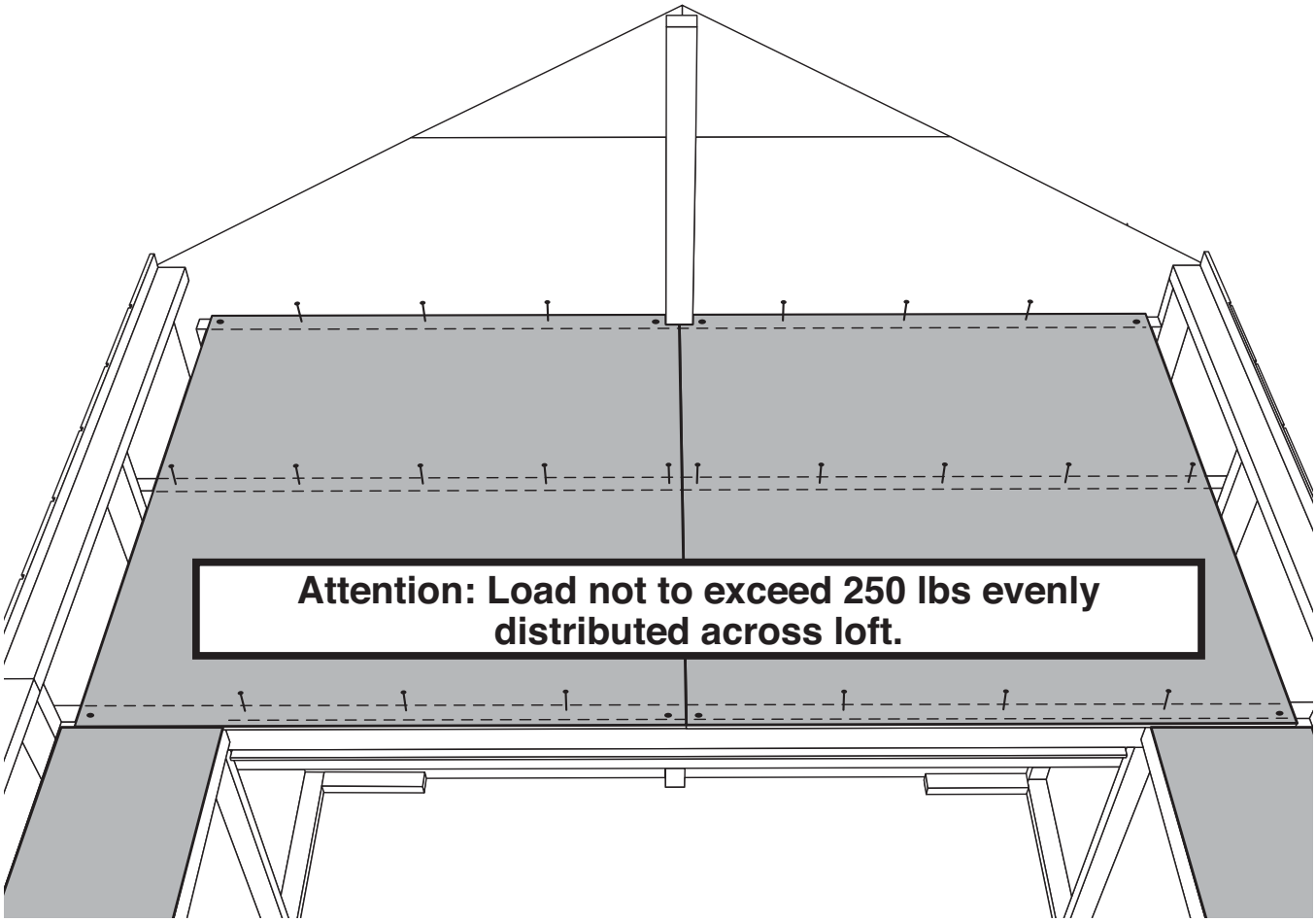


BEGIN

1 Continue nailing 2" nails in each loft panel as shown.

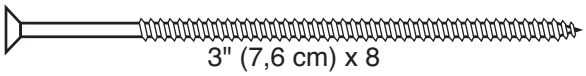
FINISH

2 You have finished your loft panels.



SOFFIT TRIM

PARTS REQUIRED:



x2 **AN**
2 x 4 x 48-3/4" (5 x 10 x 124 cm)

x2 **TP**
2 x 4 x 96" (5 x 10 x 244 cm)

BEGIN

1. Attach soffit trim flush to sidewall panels and under roof panels **(Fig. A)** using 1-1/4" screws as shown.
2. Secure ends of **TP** and **AN** with (2) 3" screws through gable trim **(Fig. A).**
3. Repeat step 1 - 2 to attach soffit trim on opposite side.

FINISH

4. You have attached your soffit trim.

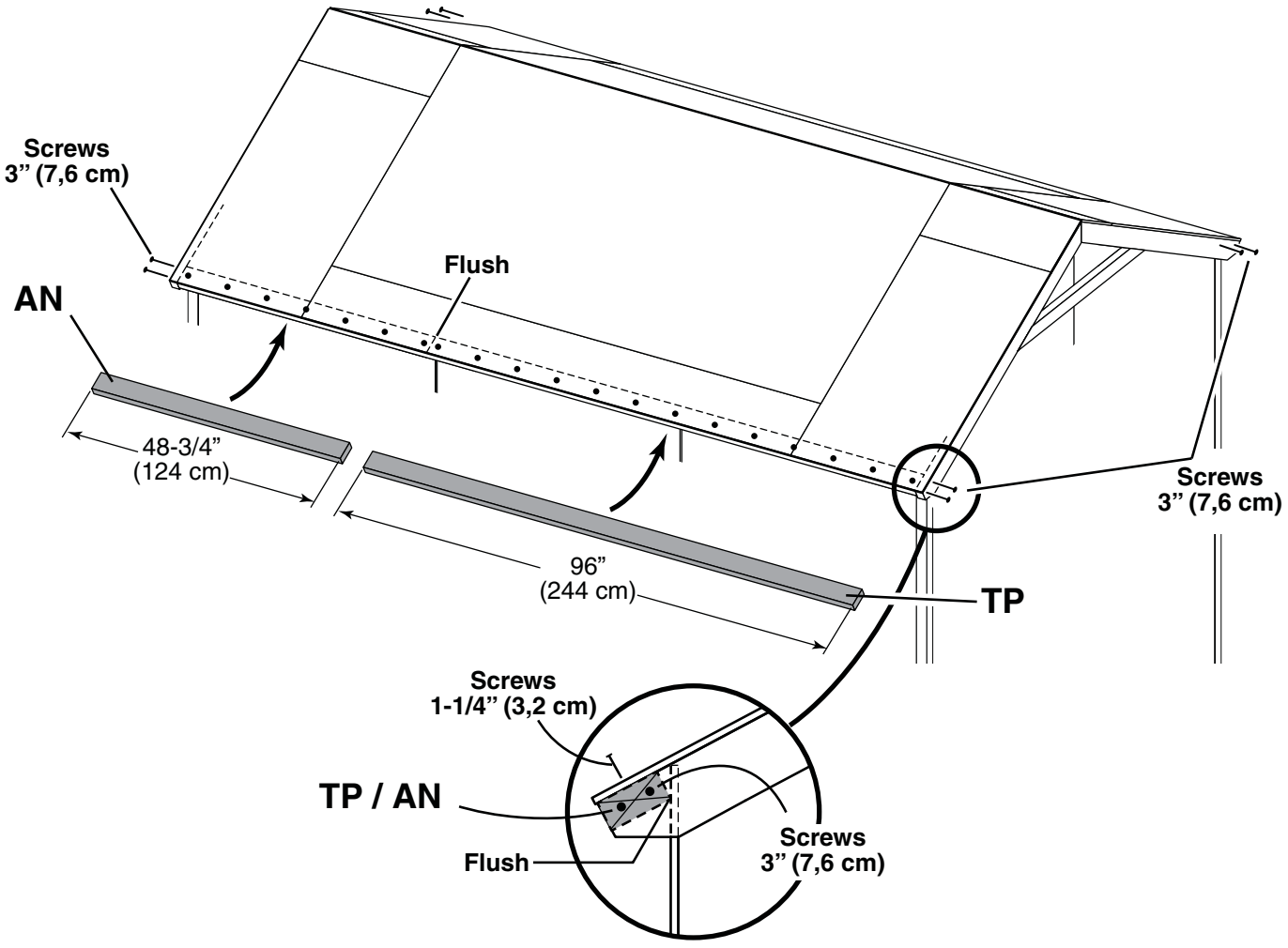
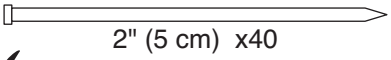


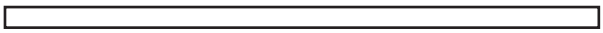
Fig. A

BATTENS

PARTS REQUIRED:



2" (5 cm) x40

x10 

3/8 x 1-3/4 x 82-1/4" (0,9 x 4,4 x 209 cm)

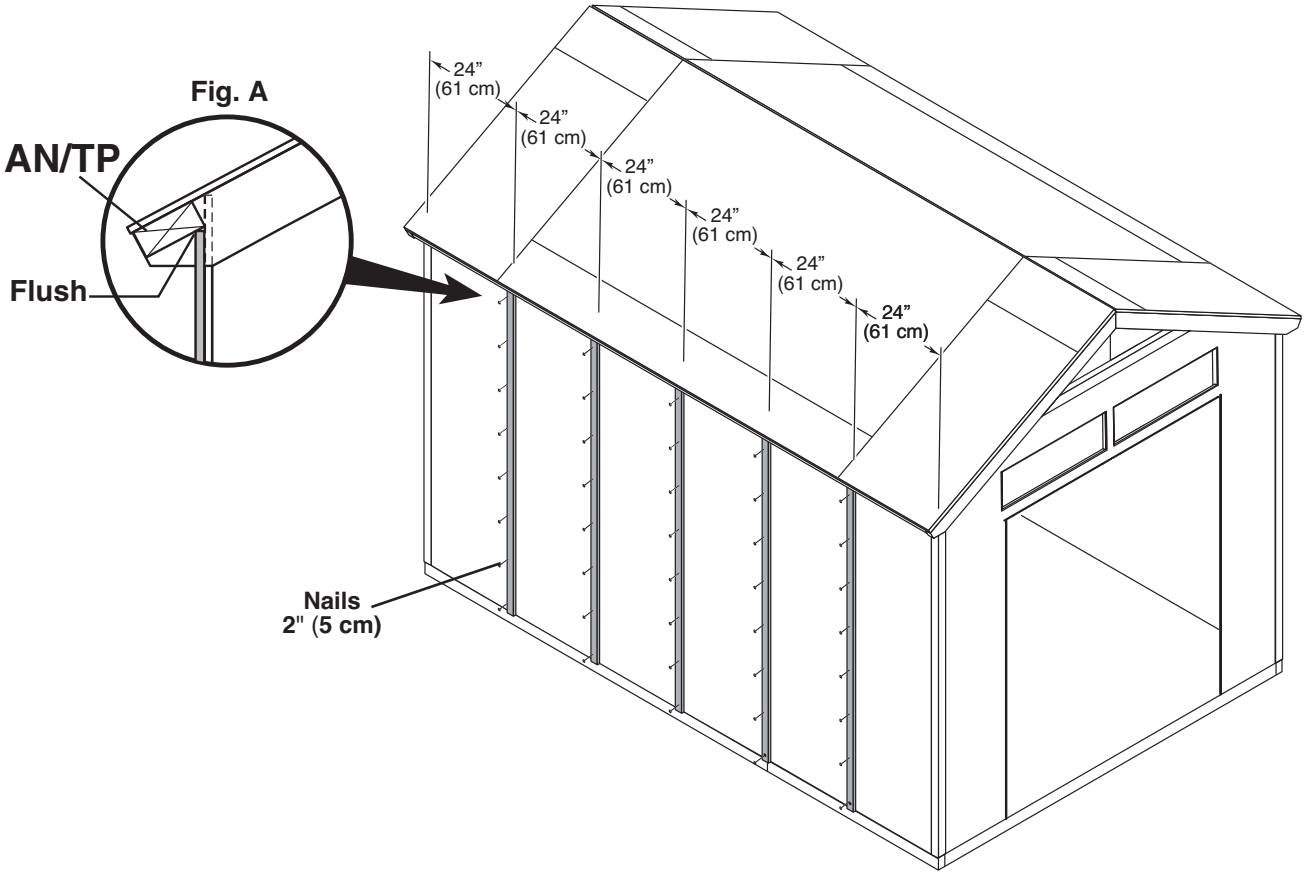
BEGIN

1. Install top of battens positioned against **TP** and **AN** on side wall panels **(Fig. A)** using 2" nails as shown. Evenly space battens 24" apart covering any seams on panels.

2. Repeat steps to attach battens on opposite side.

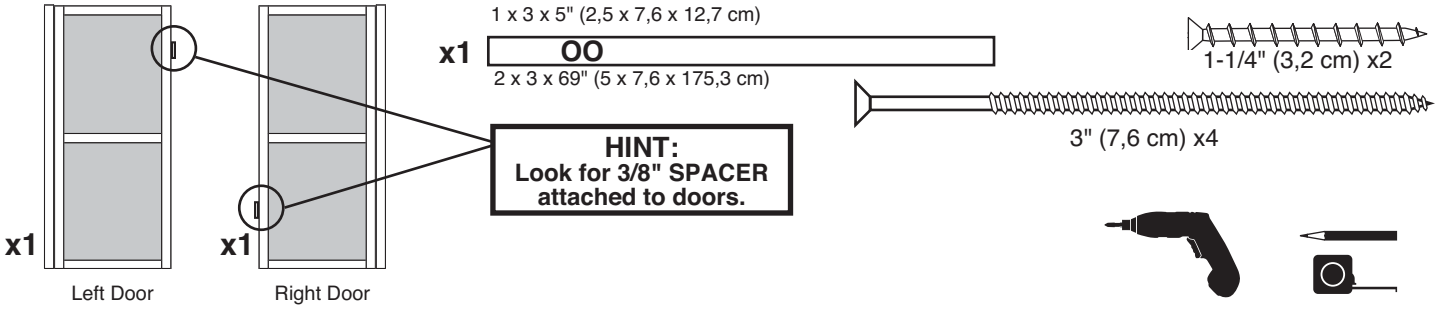
FINISH

3. You have installed your battens.

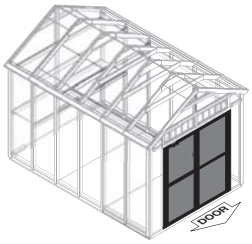


DOORS

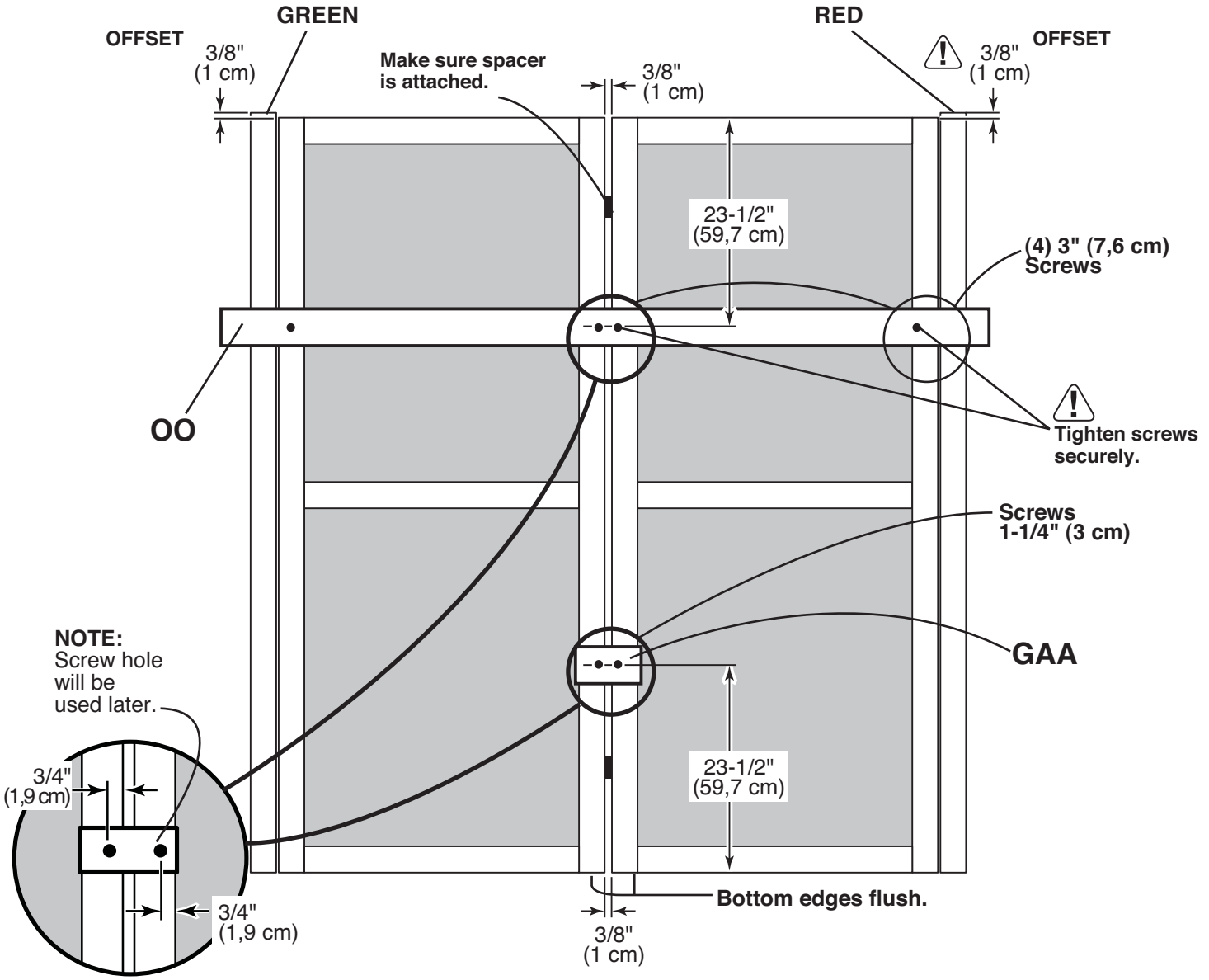
PARTS REQUIRED:



BEGIN

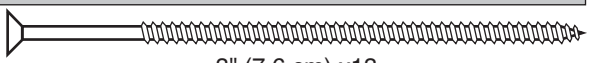


1. Orient parts as shown on flat surface. ⚠ **3/8" offset is to top. Look for red (right) and green (left) on hinge board.**
2. Attach temporary support **OO** with 3" screws in middle and at ends. Tighten securely.
3. Attach temporary support **GAA** at bottom with 1-1/4" screws. Tighten securely.

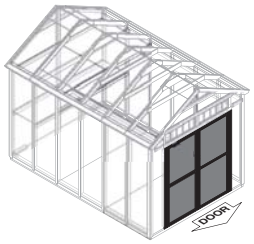


DOORS

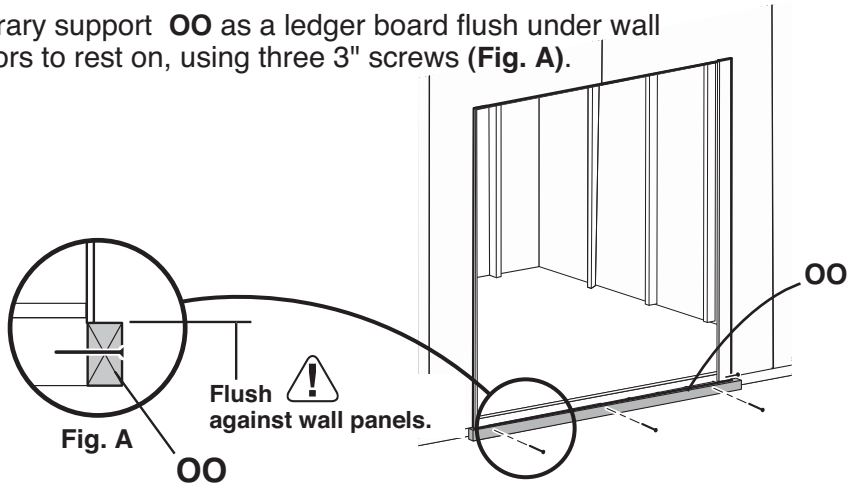
PARTS REQUIRED:



x1 **OO**
2 x 3 x 69" (5 x 7,6 x 175,3 cm)



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



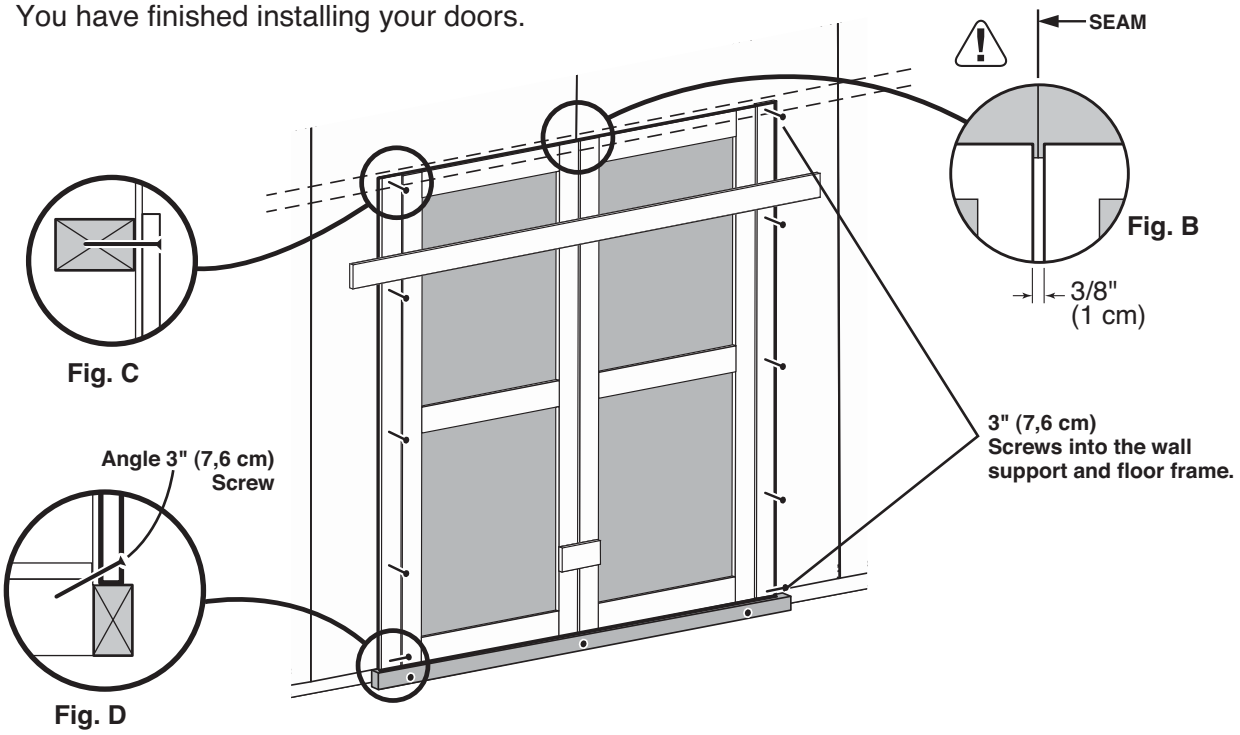
5 Center doors on panel seam as shown **(Fig. B)**.
⚠ **Check ledger board is still flush under panels.**

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

7 Remove temporary supports and check doors open properly.

FINISH

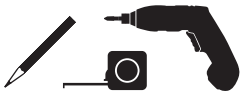
8 You have finished installing your doors.

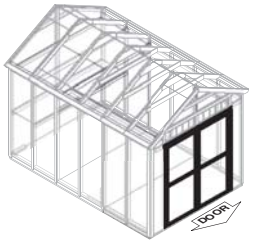


DOOR

PARTS REQUIRED:

3/4" (1,9 cm) x38



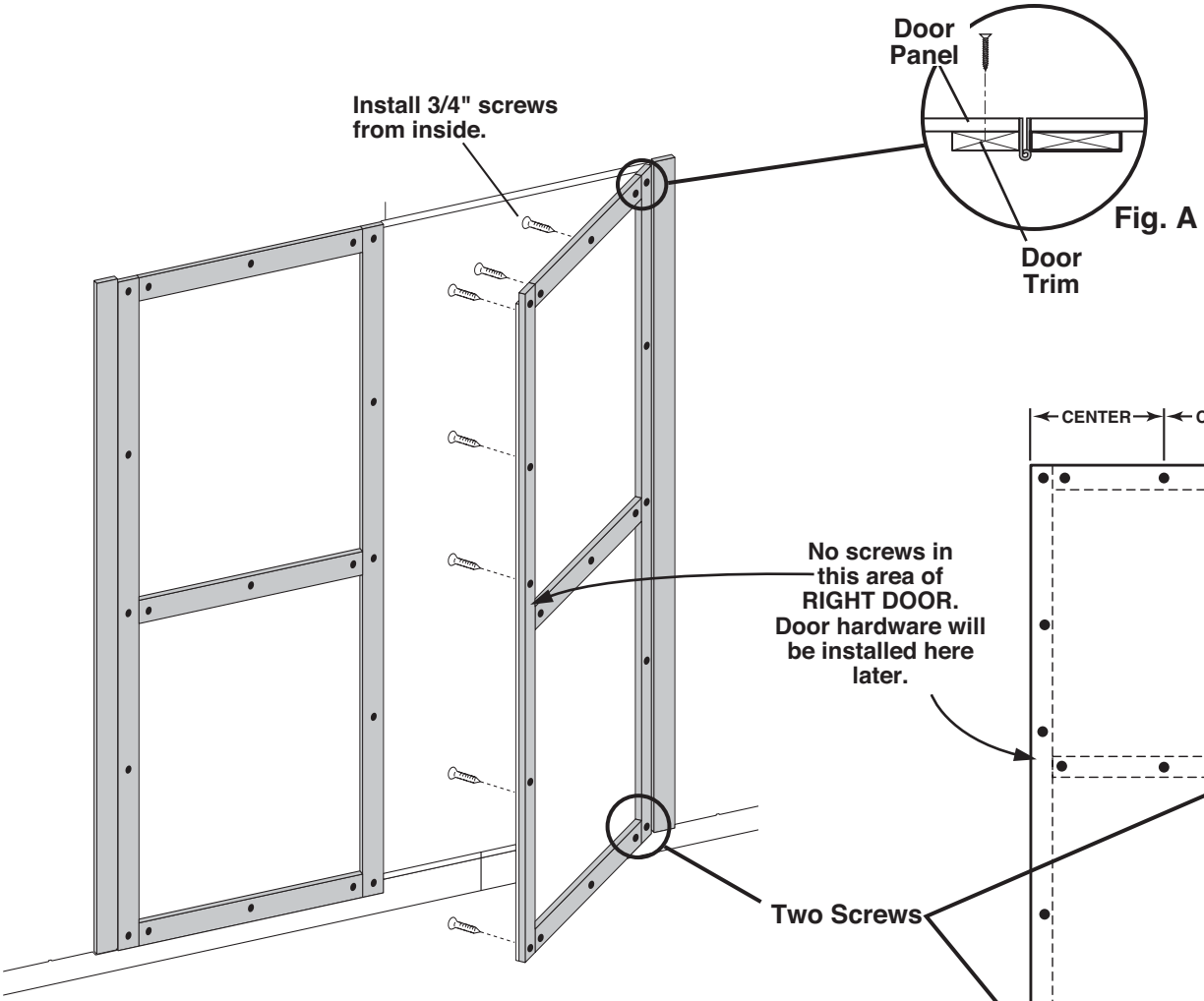


BEGIN

1 Reinforce the door trim using 3/4" screws through door panel into trim **(Fig. A)**. Locate screws as shown in **Fig. B**. Use two screws at seams.

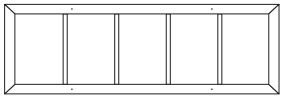
FINISH

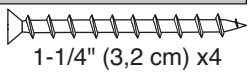
2 You have finished reinforcing your doors.



WINDOWS

PARTS REQUIRED:

x2  10-1/2 x 32-1/2" (27 x 82,5 cm)



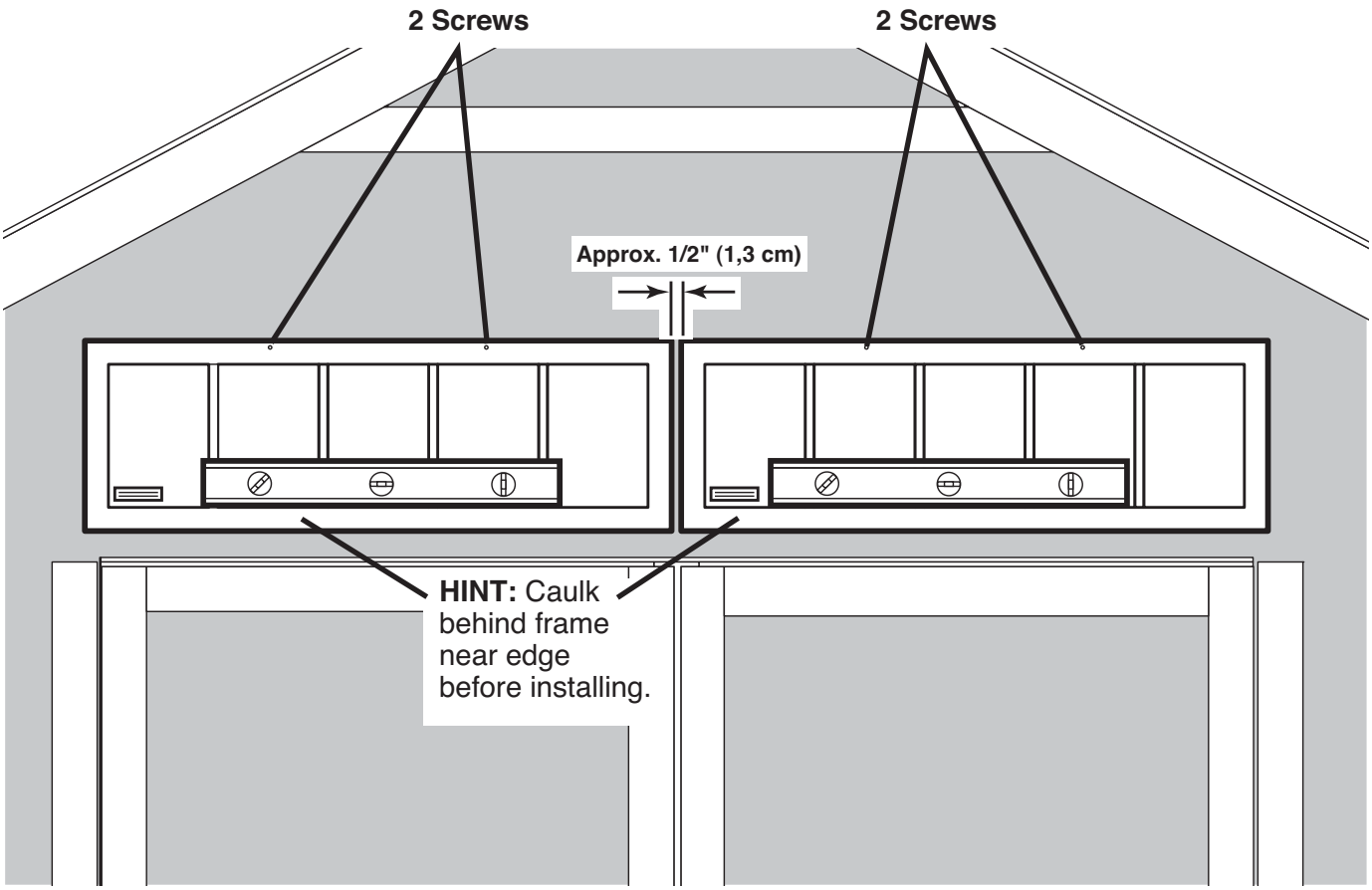
1-1/4" (3,2 cm) x4

✓**BEGIN**

1 Apply high quality exterior-grade **caulk** to seal **window**.

2 From outside of shed, position windows in opening and level. Use (2) screws at top of windows.

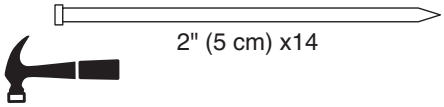
Do not fully tighten screws. Adjust gap between windows to approximately 1/2".



WINDOWS

PARTS REQUIRED:

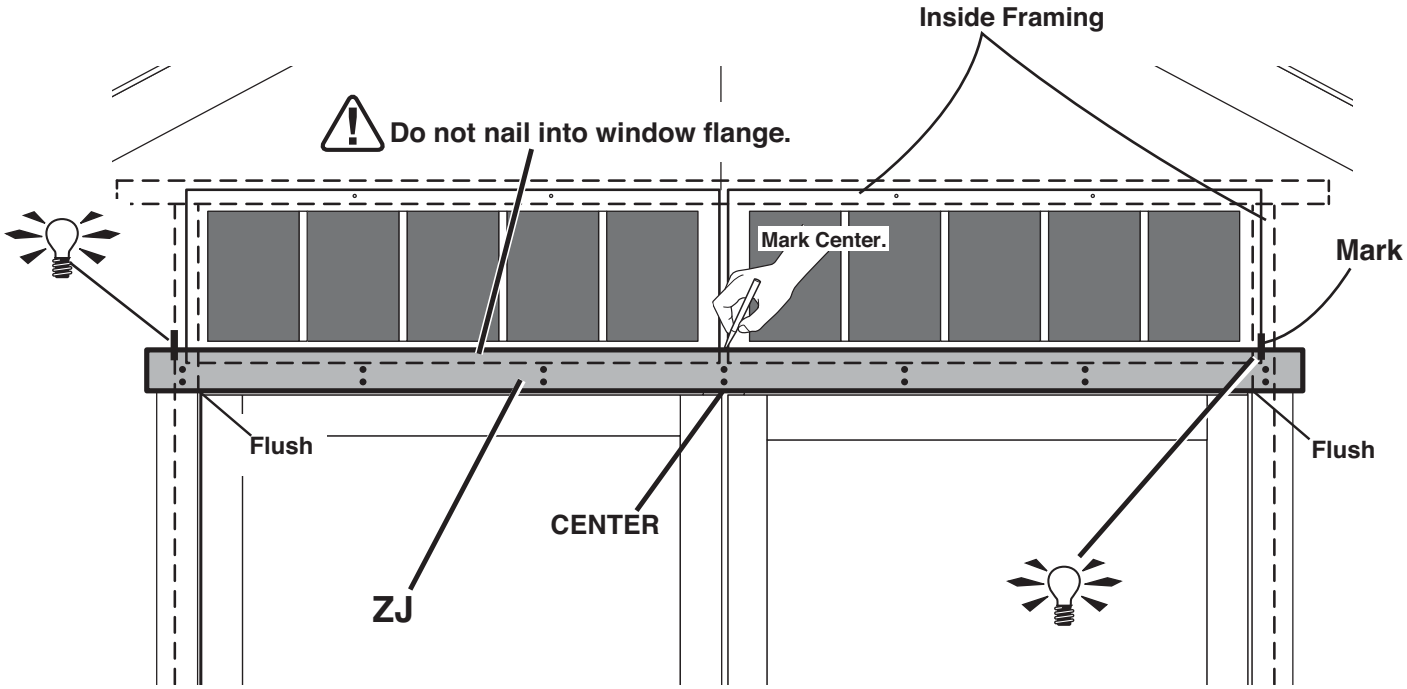
x1 **ZJ**
5/8 x 2-1/2 x 72" (1,6 x 6,3 x 183 cm)



3 Center **ZJ** over doors and secure using fourteen 2" finish nails into framing as shown.

⚠ Do not nail into window flange.

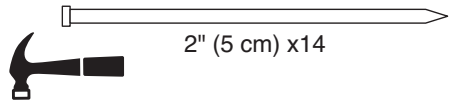
HINT: Mark edge of window frame on **ZJ**.



WINDOW TRIM

PARTS REQUIRED:

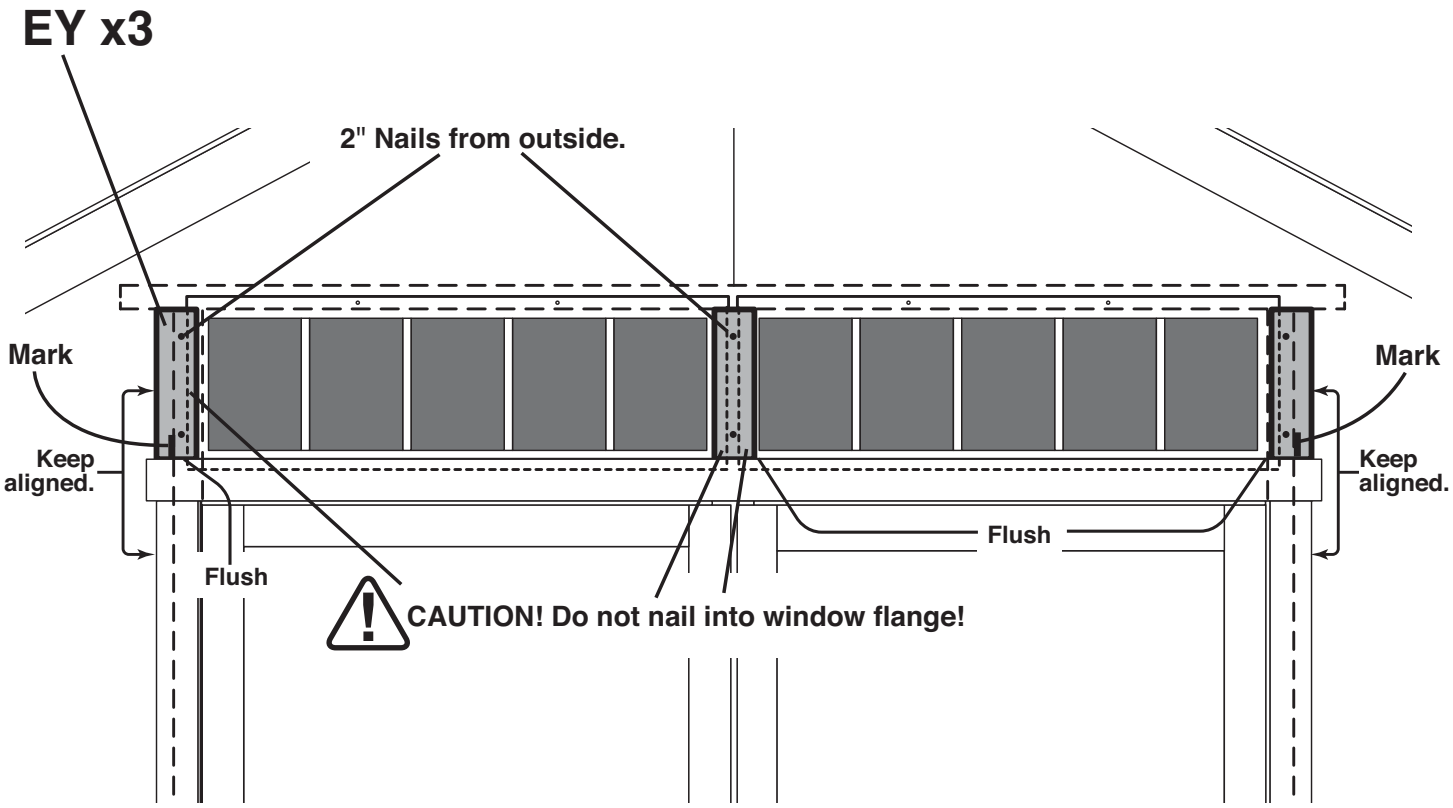
x3 **EY**
5/8 x 2-1/2 x 9" (1,6 x6,3 x 23 cm)



4 Install three **EY** using 2" nails into framing as shown.
NOTE: Use marks on **ZJ** for locating window flange.

⚠ Do not nail into window flange.

5 Remove temporary screws after installiing three **EY**.

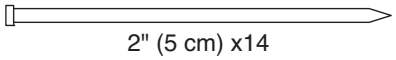


WINDOWS

PARTS REQUIRED:

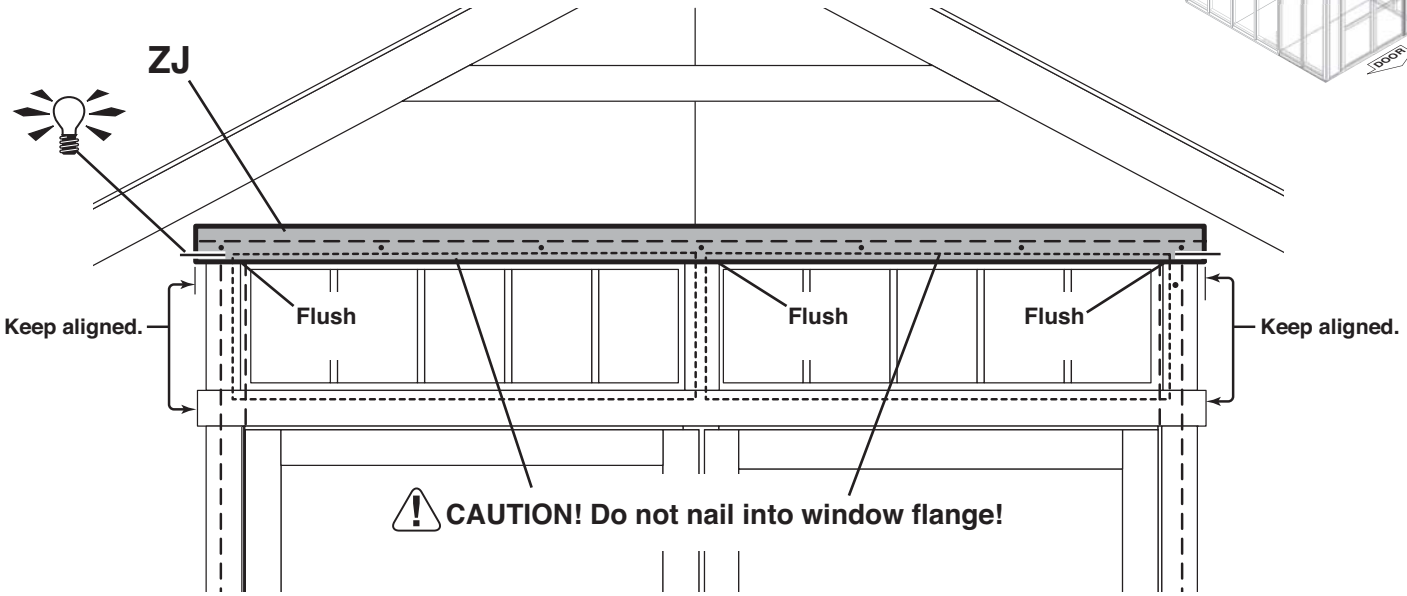
x1 **ZJ**
5/8 x 3 x 72" (1,6 x 7,6 x 183 cm)


3/4" (1,9 cm) x10


2" (5 cm) x14

6 Install **ZJ** centered over windows using seven 2" finish nails into framing.

⚠ **Do not nail into window flange**.

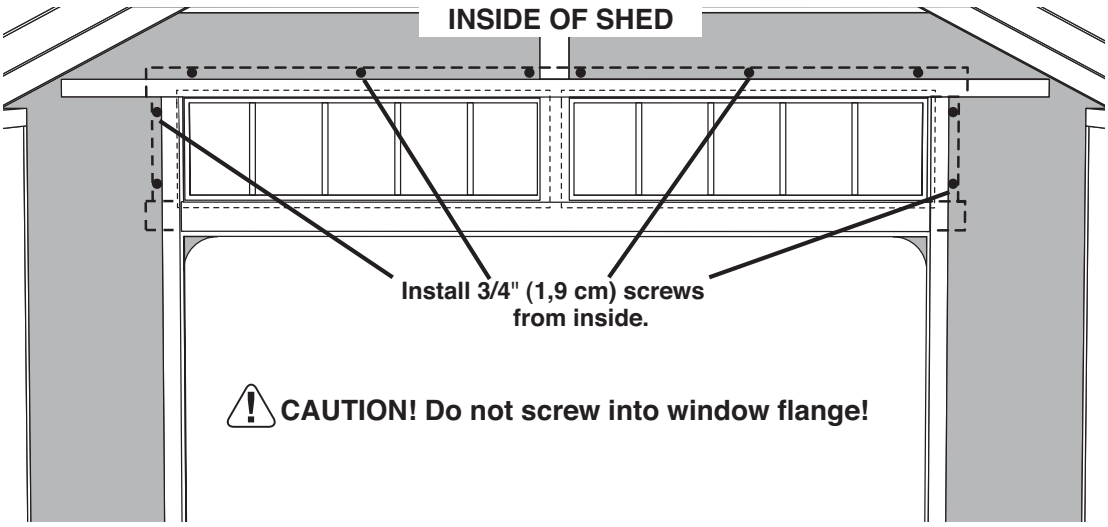


7 From inside, install 3/4" screws into **ZJ** and outer two **EY.**

⚠ **Do not screw into window flange.**

FINISH

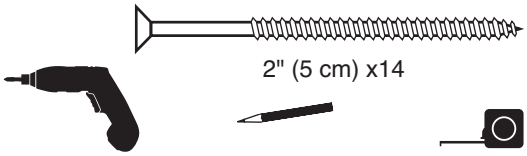
8 You have finished installing your windows.



DOOR WEATHERSTRIP

PARTS REQUIRED:

x2 **OO**
2 x 3 x 69" (5 x 7,6 x 175 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 3" 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 3" screws through outside trim into **OO** (**Fig. C**).

FINISH

5. You have finished installing your door weatherstrips.

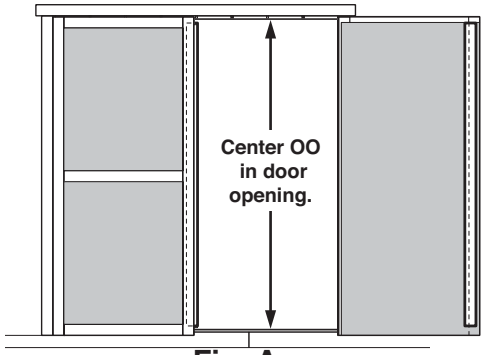


Fig. A

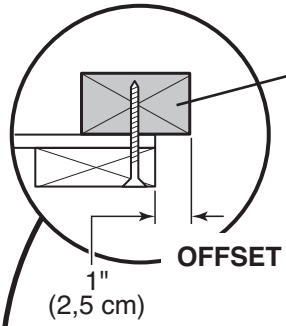


Fig. B

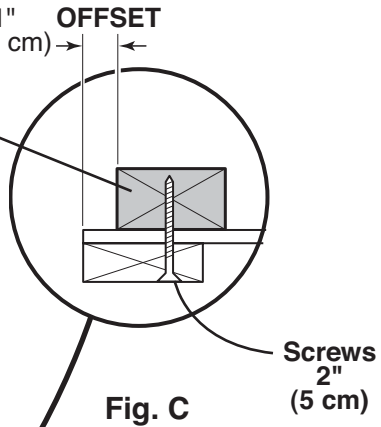
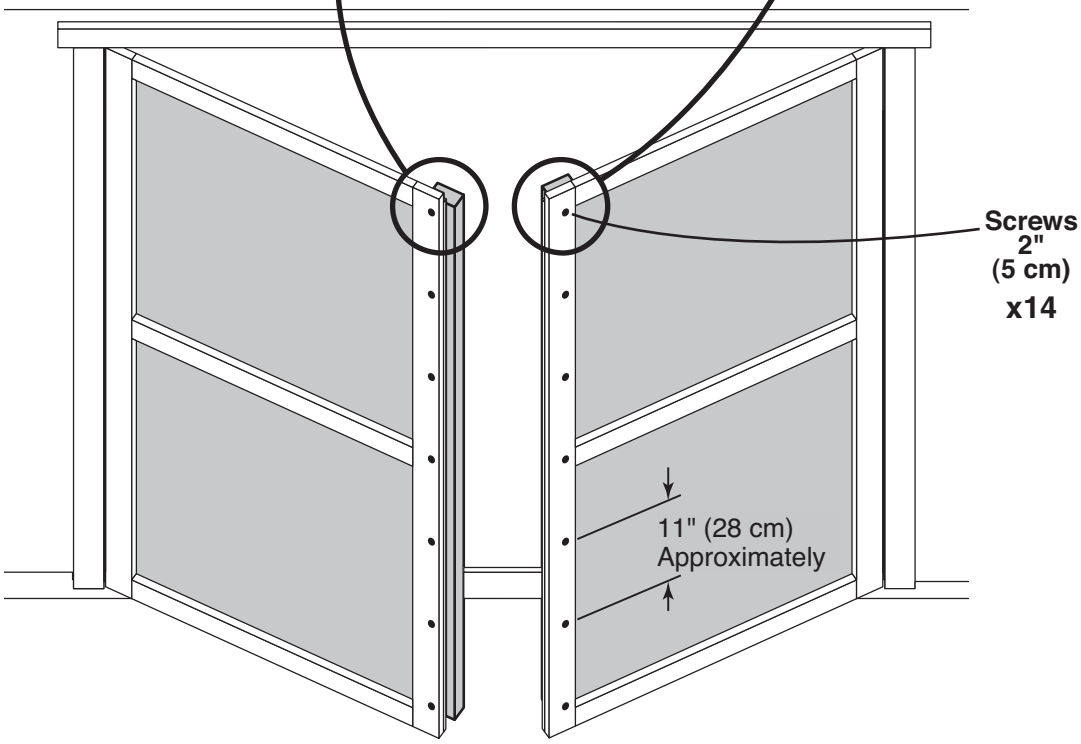
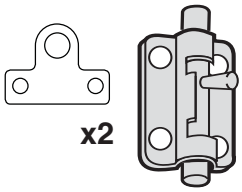


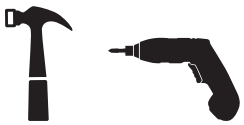
Fig. C

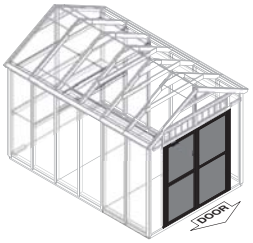


DOOR

PARTS REQUIRED:







BEGIN

1. Mount one barrel bolt flush at top of **OO** on left door using 3/4" screws as shown **(Fig A)**.
2. Mount the second barrel bolt flush at bottom of **OO** on left door using 3/4" screws as shown **(Fig B)**.
3. With door closed mark bottom hole location for bolt to extend into.

HINT: Extend lower bolt to leave mark in wood. Tap bolt with hammer. Drill 3/8" hole through floor deep enough for lower bolt to slide into.

FINISH

4. You have finished installing your barrel bolts.

Fig. A

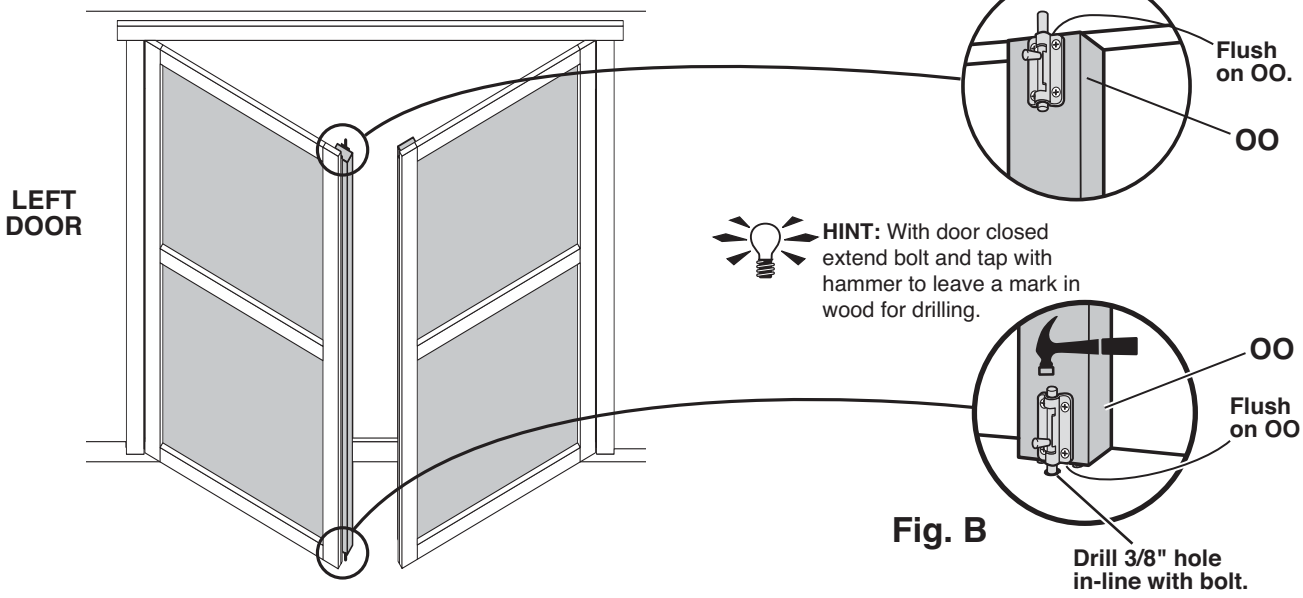
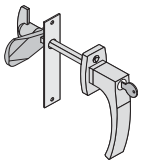


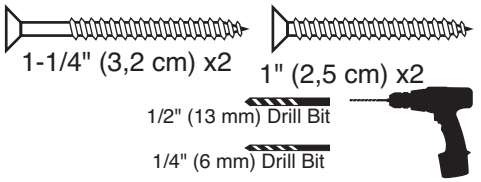
Fig. B

DOOR HARDWARE

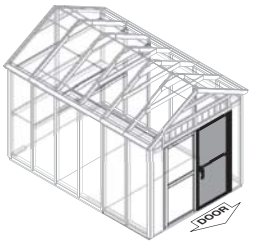
PARTS REQUIRED:

x1





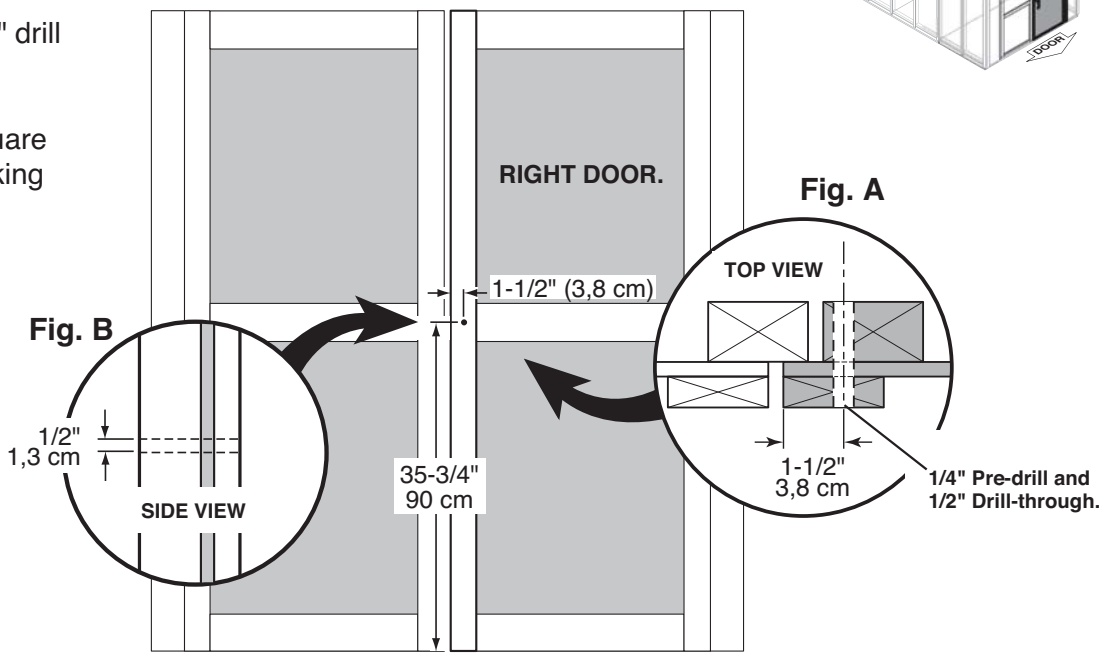
BEGIN



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)**.

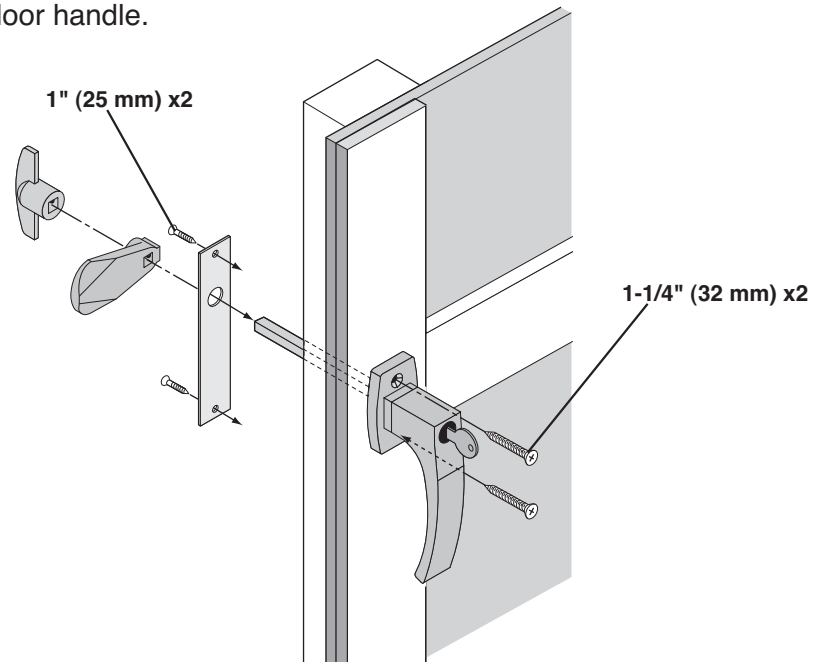
⚠ Keep drilled hole square to trim to avoid breaking edge of 2x3".



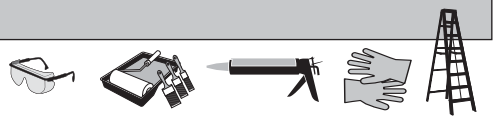
3 Secure backplate with 1" screws and handle with 1-1/4" screws as shown.

FINISH

4 You have finished installing your door handle.



PAINT & CAULK
- NOT INCLUDED -



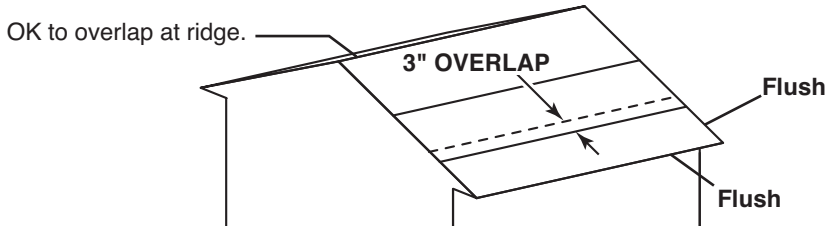
• Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.

• Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
  • Bottom edge of all siding and trim
  • Inside of doors and all 4 edges

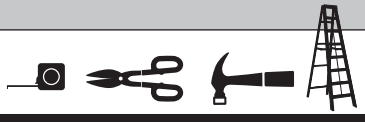
Note:
Prime all un-primed exterior wood before painting.
(Follow directions provided by manufacturer.)

ROOF FELT
- NOT INCLUDED -

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



DRIP EDGE
- NOT INCLUDED -



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

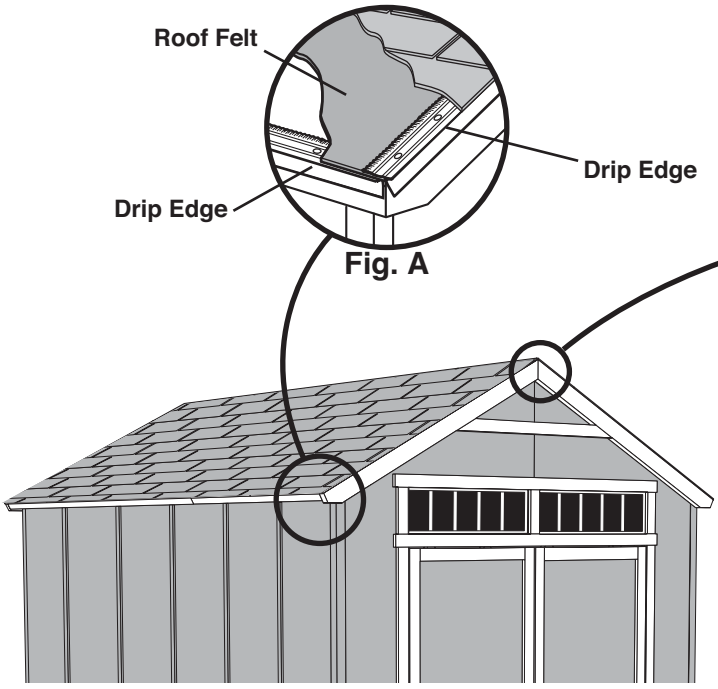
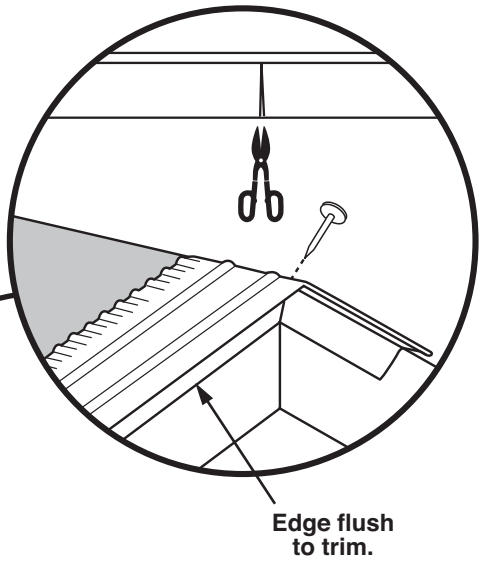


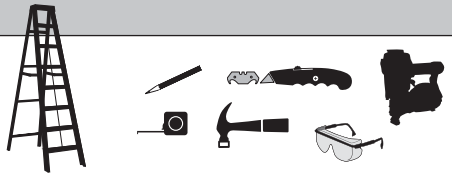
Fig. A



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

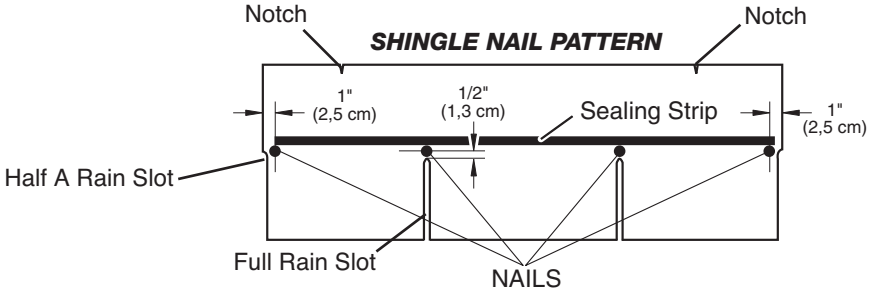
(Follow directions provided by manufacturer.)

SHINGLES
- NOT INCLUDED -



• **Follow directions provided by manufacturer and these instructions.**

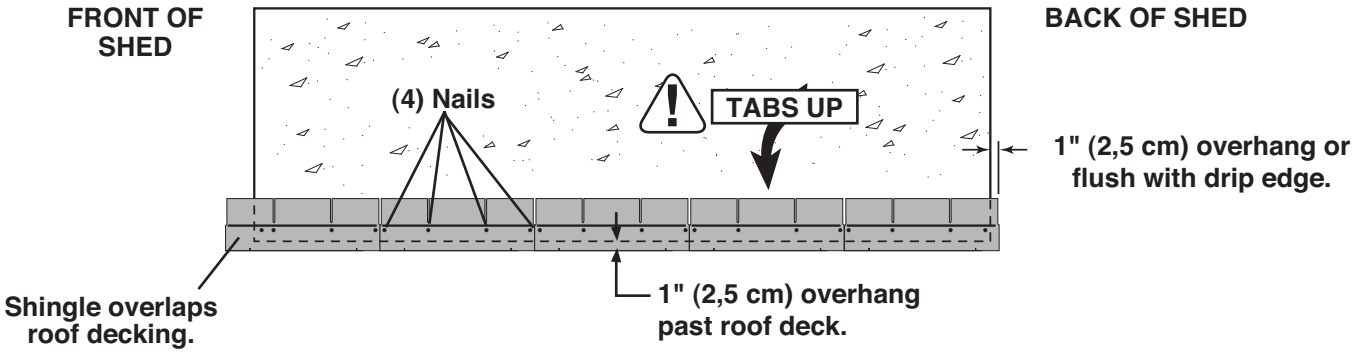
Familiarize yourself with a 3-Tab Shingle.



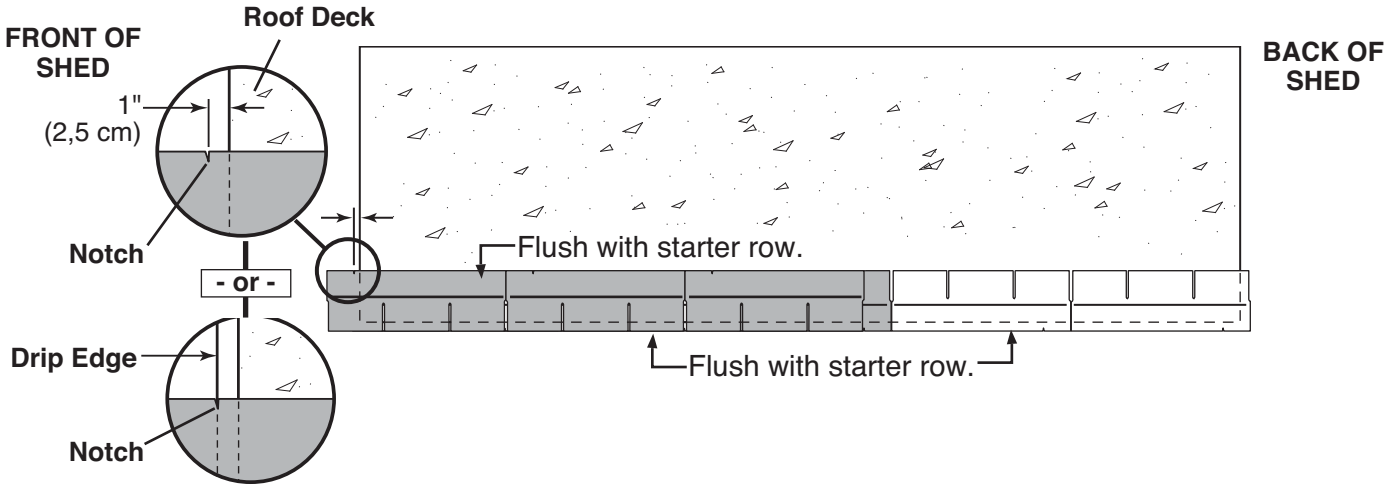
NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

BEGIN

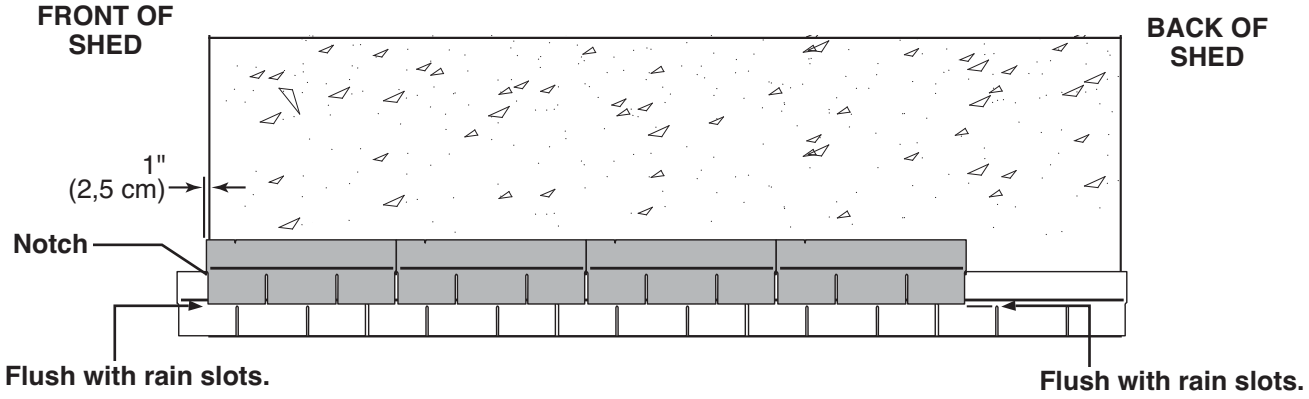
1 Install first starter row upside down and color up with a 1" overhang at back and bottom of roof panel. Use (4) nails per shingle.
Starter row must be straight and level all the way across with lower edge of roof deck.
NOTE: If you have installed drip edge install shingles flush to drip edge.



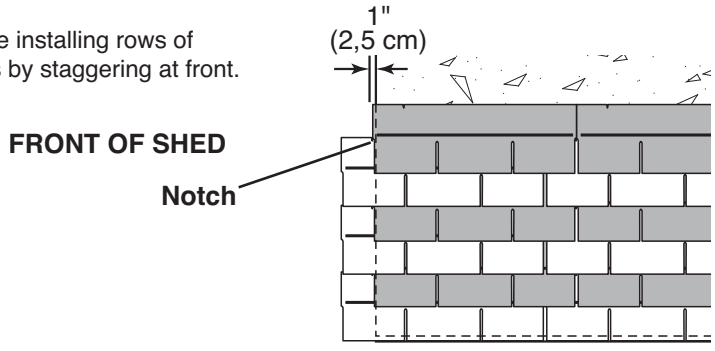
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



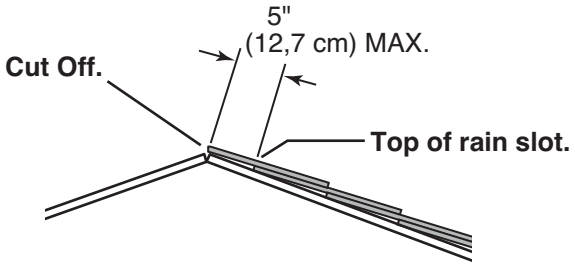
3 Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

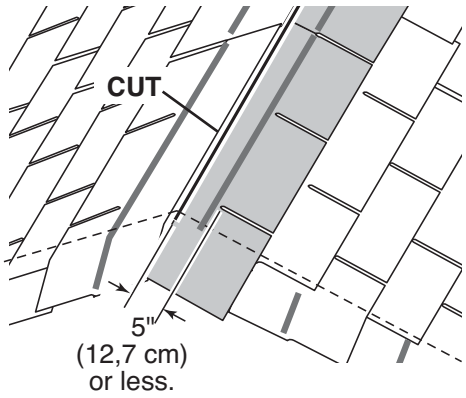


4 Continue installing rows of shingles by staggering at front.



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



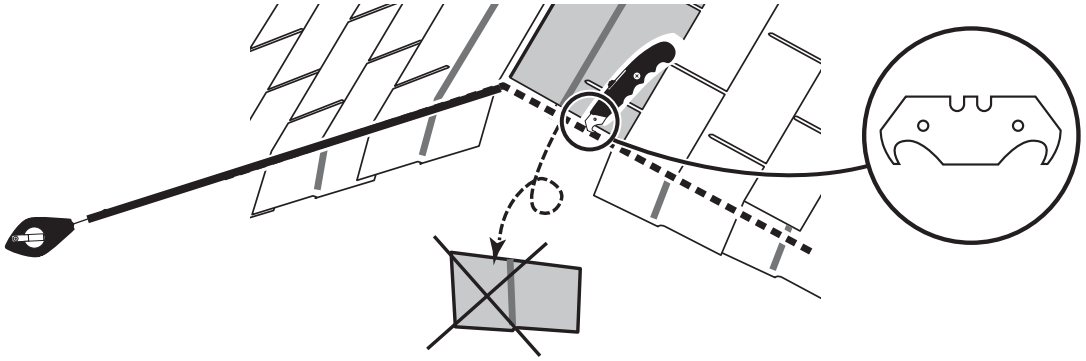


⚠ **• If more than 5" to rain slot you must install another row of shingles.**

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

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

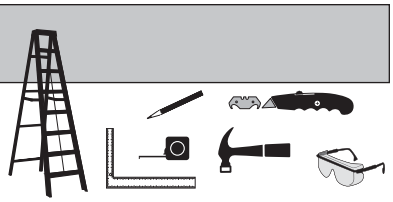
8 Using your shingle hooked blade carefully cut shingles along chalk line.



FINISH

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

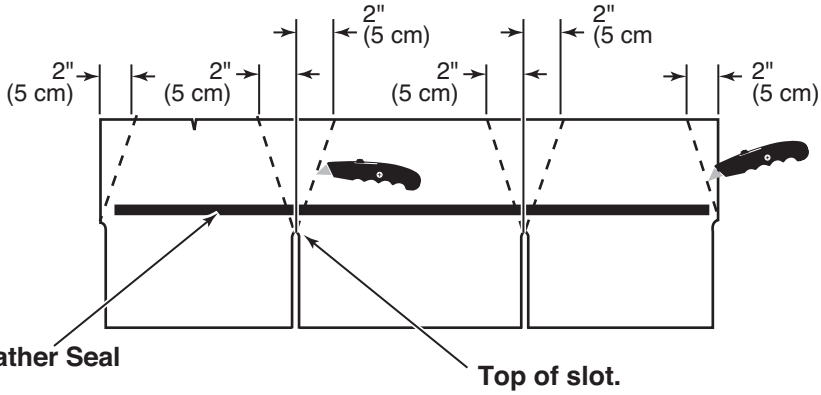
SHINGLES - RIDGE CAP



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

BEGIN

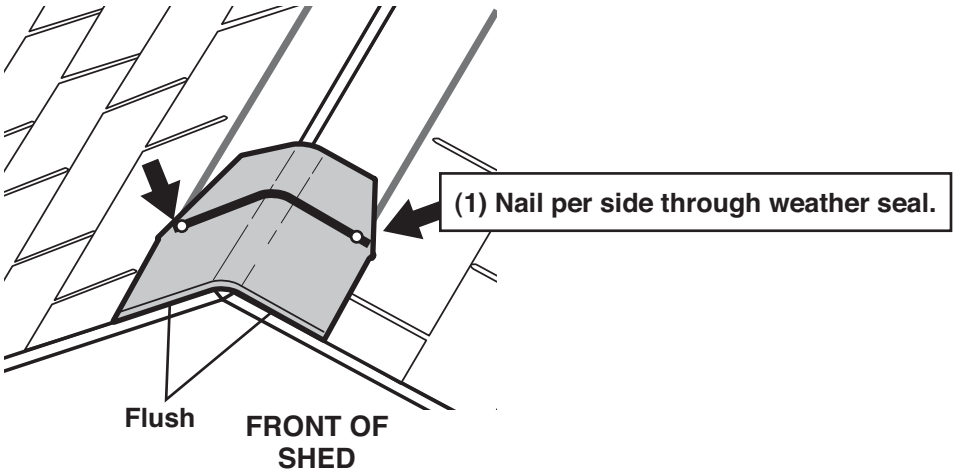
1 Cut shingles into THREE pieces. **Hint:** Use cut-off pieces first.



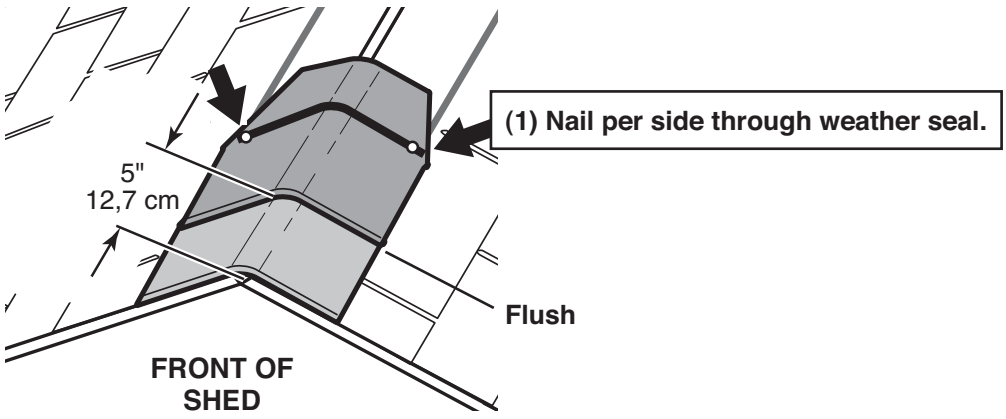
Score shingle, then snap-off angled cut.

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

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

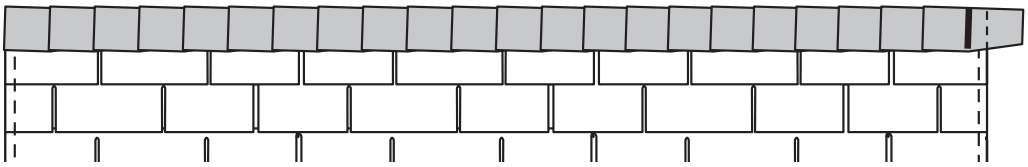


3 Install second ridge cap 5" back, as shown.

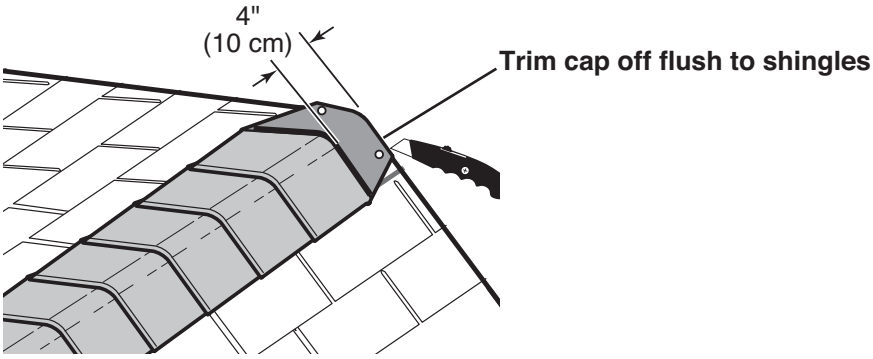


SHINGLES - RIDGE CAP
continued...

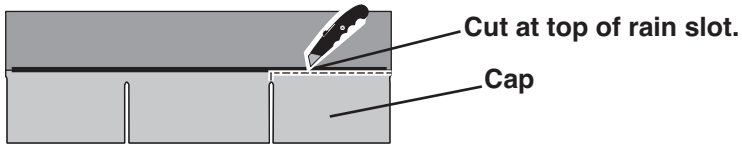
4 Continue installing ridge cap to back of roof.



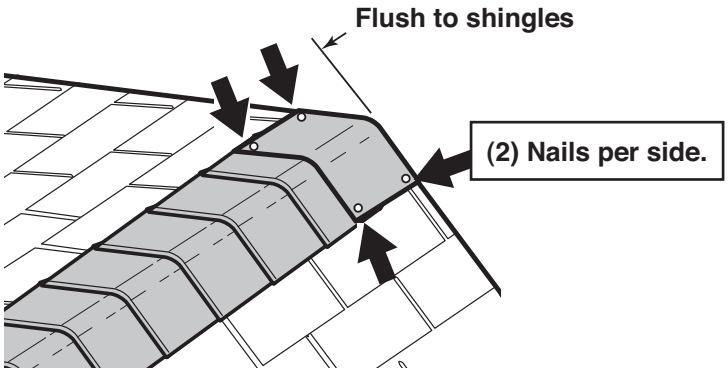
5 Make sure there is 4" between the shingle-color and edge of shingles.



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

Limited Conditional Warranty *

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for one year.
2. All hardware and metal components are warranted for two years.
3. Trim is warranted for 10 years.
4. Waferboard siding and sheathing is warranted for two years.
5. SmartSide™ siding is warranted for 10 years on all Marco series buildings and 15 years on all Premier Series buildings.
6. Timber series buildings' siding and trim are warranted for 10 years.
7. Solar Shed windows are warranted for 1 year.
8. Cedar lumber is warranted for 15 years.
9. Cedar doors and Cedar Garden Center are warranted for 10 years.
10. Metal roof is warranted for 25 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 & Playhouses

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 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 SmartSide™ and waferboard siding to include all exterior walls and all sides and all edges of doors.

Gazebos, Pergolas & Timber Buildings

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 timber building 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 prepare a letter. Please have ready the information below when you call or include the information when writing:

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, as listed on the yellow warranty card enclosed in the product package.

Mail the above information 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.
Please complete and mail your warranty card to properly validate your warranty.