16514

STOP!

Call Us First!
DO NOT RETURN TO STORE.

For questions on assembly or for general inquiries, you may contact us in the following ways:

Call customer service: **1-877-743-3400**

AVOID THE WAIT!

visit us online at
help.backyardproducts.com

→ Submit a help request

→ Answers to frequently asked questions

→ Live chat with an agent

INSTALLERS WANTED

Did you enjoy building your shed?

JOIN OUR TEAM
AND MAKE UP TO $1,500/WEEK*

Call a Recruiter Today! 734-365-7000

Flexible schedule

No selling,
just building

Bonus incentives
available

Scan the flowcode to apply today.
SCAN ME
or visit backyardinstaller.com
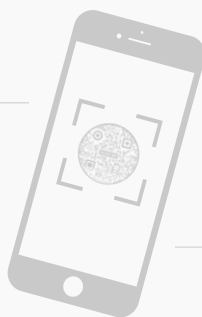
*based on number of completed installations

Win $500

A new winner is selected every 2 months.

Review your product for the chance to win a **$500 Visa Gift Card.**

★ ★ ★ ★ ★

How to Enter: Open camera. Aim. Tap.

SCAN ME

or visit backyardreviews.net

1 **Scan** QR code above.

2 **Click** 'write a review'

3 **Find your product.** Tell us what you think.

4 **Submit your review.** You'll be notified by e-mail if you've won the $500 gift card.

Write a Backyard Products, LLC. product review at backyardreviews.net for a chance to win a $500 Visa gift card. No purchase necessary to enter. Must be legal U.S. resident (including DC & Puerto Rico), 18 or older to participate. Taxes on prize are responsibility of winner. Odds of winning depend on the number of eligible reviews received. Void where prohibited. For complete details and official rules, visit https://backyardreviews.net/sweepstakes-rules.

Backyard PRODUCTS

ASSEMBLY MANUAL
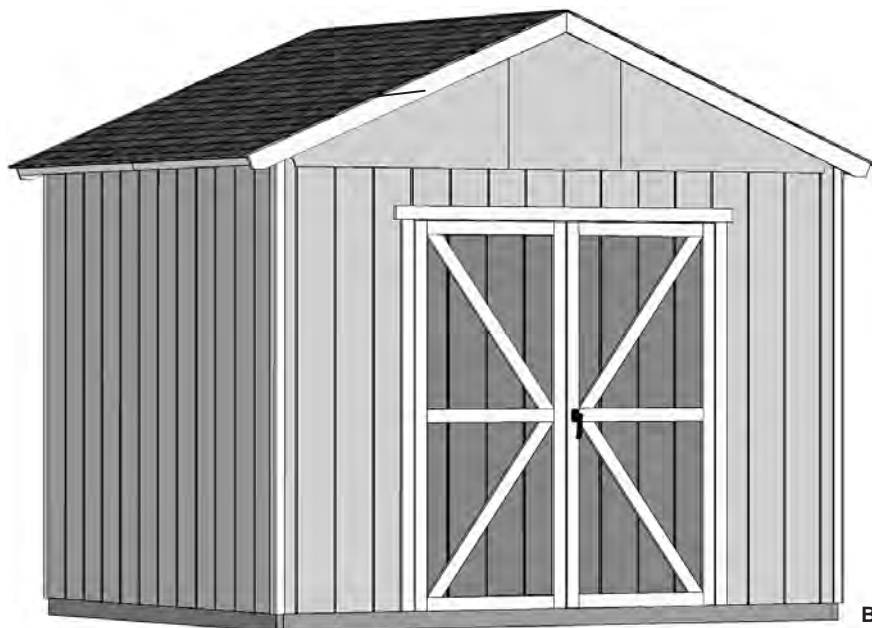
GABLE 10' x 8' (304,8 x 243,8 cm)

BUILDING SIZE
10' x 8' (304,8 x 243,8 cm)

ACTUAL FLOOR SIZE
10' x 8' (304,8 x 243,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE

Building 10' x 8'

⚠ *IMPORTANT!* ⚠

READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

BEFORE YOU BEGIN

• **BUILDING RESTRICTIONS AND APPROVALS**

  Be sure to check local building department and homeowners association for specific restrictions and/ or requirements before building.

• **ENGINEERED DRAWINGS**

  Contact our Customer Service Team if engineered drawings are needed to pull local permits.

• **SURFACE PREPARATION**

  To ensure proper assembly you must build your shed on a level surface.

  Recommended methods and materials to level your shed are listed on page 9.

• **CHECK ALL PARTS**

  Inventory all parts listed on pages 5-7.

• **ADDITIONAL MATERIALS**

  You will need additional materials to complete your shed. See pages 3-4 for required and optional materials and quantities.

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

- Order form and warranty at back of manual -

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

TOOLS

Required		Optional

Required:

- ❏ Phillips Screwdriver
- ❏ Drill / Driver
  - ❏ 3/8" 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
- ❏ Sawsall

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
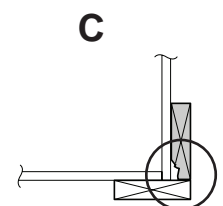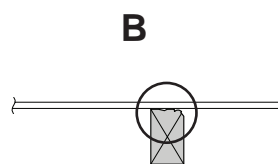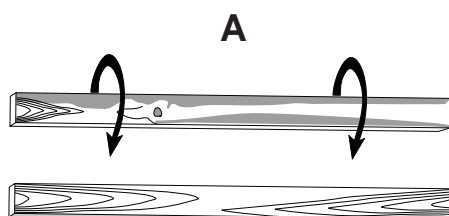
ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

• If you purchased a separate floor kit, use instructions and materials in that kit to construct your floor.

• See the FLOOR LEVELING section on page 9 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

☐ **x2** 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm) Treated Lumber cut to 2 x 4 x 117" (5,1 x 10,2 x 297,2 cm)

☐ **x8** 3" (7,6 cm) hot-dipped galvanized nails

Standard 16" (40,5 cm) spacing
Optional 12" (30,5 cm) spacing
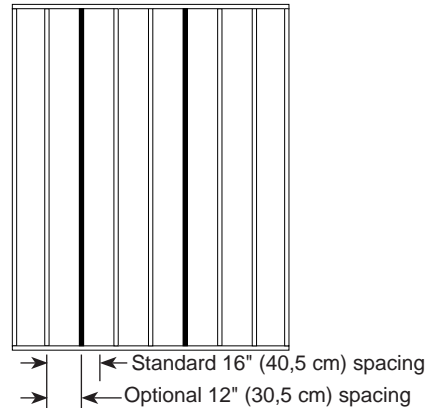
ADDITIONAL MATERIALS

COMPLETING YOUR SHED
You will need these additional materials:

☐ **3-TAB SHINGLES (Bundles)..................... 5**

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

☐ **1" GALVANIZED ROOFING NAILS(lbs)... 3**
For shingles

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

☐ **WOOD GLUE .... Exterior Rated**

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

OPTIONAL MATERIALS

☐ **DRIP EDGE (Feet)...................................... 50**

☐ **#15 ROOFING FELT (Sq ft. to cover)........ 114**

☐ **1" GALVANIZED ROOFING NAILS(lbs).... ¼**
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

Double letter part identification is stamped on some parts.

RS
RS   RS

• **Check these locations for part stamp.**

WOOD SIZE CONVERSION CHART

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

10x8'

☑

GABLE 10' x 8' PARTS LIST
INVENTORY YOUR PARTS before you begin.
We suggest sorting parts by the category they are listed in.

WALL

- ☐ x5 `AL` 2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)
- ☐ x4 `AF` 2 x 4 x 18-1/8" (5,1 x 10,2 x 46 cm)
- ☐ x2 `JBD` 2 x 4 x 20-3/8" (5,1 x 10,2 x 51,8 cm)
- ☐ x2 `RL` 2 x 4 x 24" (5,1 x 10,2 x 61 cm)
- ☐ x2 `RR` 2 x 4 x 28" (5,1 x 10,2 x 71,1 cm) ,
- ☐ x1 `SL` 2 x 4 x 36" (5,1 x 10,2 x 91,4 cm)
- ☐ x1 7/16" x 3-1/4" x 66-3/4" (1,1 x 8,3 x 170,2 cm) *OSB*
- ☐ x2 `AM` 2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
- ☐ x2 `UM` 2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)
- ☐ x18 `AI` 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ x1 `TO` 2 x 4 x 84" (5,1 x 10,2 x 213,4 cm)
- ☐ x4 `SZ` 2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)
- ☐ x2 `TJ` 2 x 4 x 92-5/8" (5,1 x 10,2 x 235,3 cm)
- ☐ x4 `TP` 2 x 4 x 96" (5,1 x 10,2 x 243,9 cm)

RAFTERS

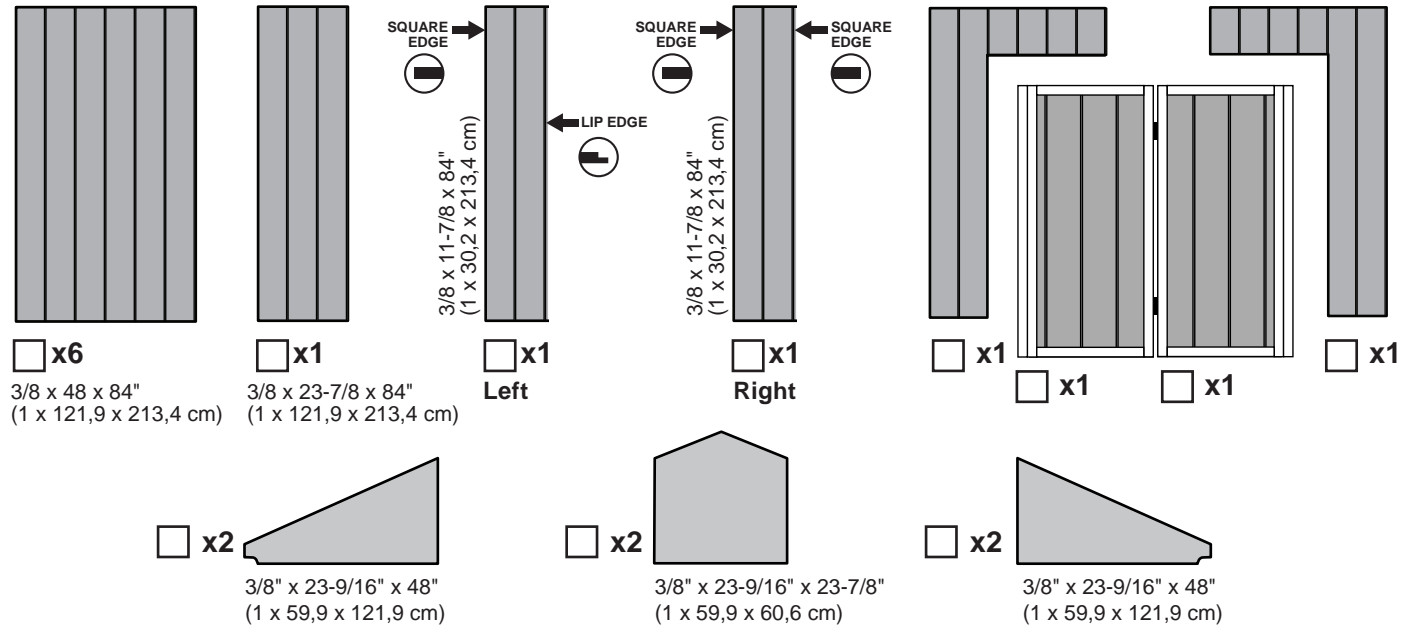- ☐ x8 6 x 24" (15,2 x 61 cm)
- ☐ x1 `TM` 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
- ☐ x10 `AD` 2 x 4 x 65" (5,1 x 10,2 x 165,1 cm)

TRIM

- ☐ x2 `VF` 2 x 6 x 48" (5,1 x 15,2 x 121,9 cm)
- ☐ x2 `AS` 2 x 6 x 49-1/2" (5,1 x 15,2 x 125,7 cm)
- ☐ x2 `AUR` 19/32" x 3-1/2" x 71-15/16" (1,5 x 8,9 x 182,7 cm)
- ☐ x2 `AUL` 19/32" x 3-1/2" x 71-15/16" (1,5 x 8,9 x 182,7 cm)
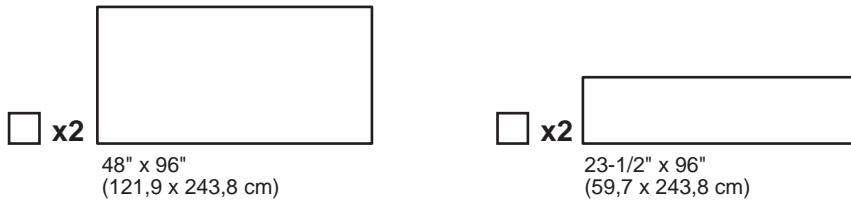- ☐ x8 3/8" x 1-3/4" x 83-1/2" (1 x 4,5 x 212,1 cm)

☐ x1 `GAA` 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm)
Used as a gauge block for 3/4" (1,9 cm) measurement.

3/4" (1,9 cm)

5

PANEL & DOORS PARTS LIST

NOTE: Panel parts are not stamped with part identification.

SQUARE EDGE

SQUARE EDGE

SQUARE EDGE

LIP EDGE

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

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

☐ **x6**
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)

☐ **x1**
3/8 x 23-7/8 x 84"
(1 x 121,9 x 213,4 cm)

☐ **x1**
Left

☐ **x1**
Right

☐ **x1**

☐ **x1**

☐ **x1**

☐ **x1**

☐ **x2**
3/8" x 23-9/16" x 48"
(1 x 59,9 x 121,9 cm)

☐ **x2**
3/8" x 23-9/16" x 23-7/8"
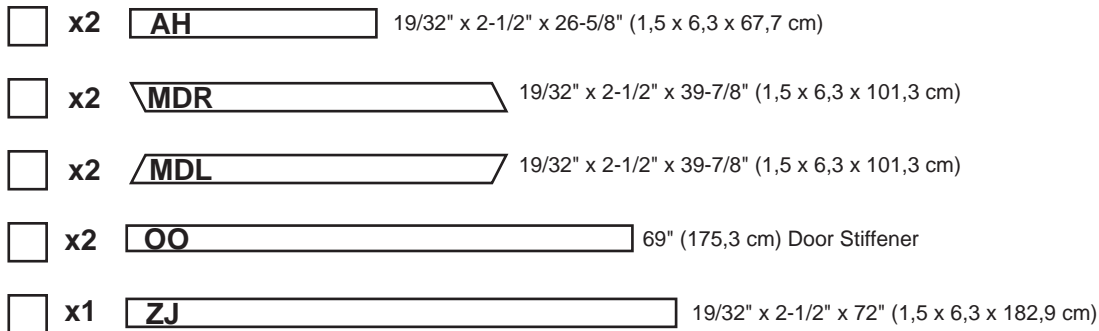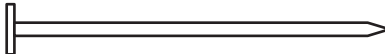(1 x 59,9 x 60,6 cm)

☐ **x2**
3/8" x 23-9/16" x 48"
(1 x 59,9 x 121,9 cm)

ROOF PANELS

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

☐ **x2**
48" x 96"
(121,9 x 243,8 cm)

☐ **x2**
23-1/2" x 96"
(59,7 x 243,8 cm)

DOOR TRIM

☐ **x2** | **AH** | 19/32" x 2-1/2" x 26-5/8" (1,5 x 6,3 x 67,7 cm)

☐ **x2** | **MDR** | 19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)

☐ **x2** | **MDL** | 19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)

☐ **x2** | **OO** | 69" (175,3 cm) Door Stiffener
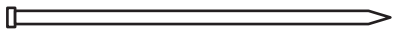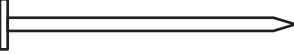
☐ **x1** | **ZJ** | 19/32" x 2-1/2" x 72" (1,5 x 6,3 x 182,9 cm)
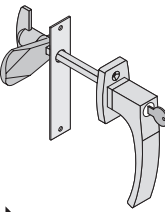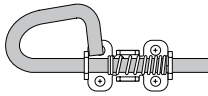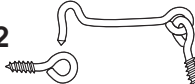
NAIL BOXES (Shown Actual Size)

☐ **x4** BOXES ───────────────────────> 3" (7,6 cm)

☐ **x4** BOXES ──────────> 2" (5,1 cm)

FASTENER/HARDWARE BAG (Shown Actual Size)

☐ **x140** ──────────> 2" (5,1 cm)　　　　☐ **x85** ────────> 1-1/2" (3,8 cm)

☐ **x80** ──────────> 3" (7,6 cm)

☐ **x25** ──────> 2" (5,1 cm)

☐ **x55** ────> 1-1/4" (3,2 cm)

☐ **x75** ──> 3/4" (1,9 cm)

☐ **x12** ─> 1/2" (1,3 cm)

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

Other HARDWARE (Not Actual Size)

☐ **x1**

☐ **x2** ──────> 1" (2,5 cm)

☐ **x2** ──────> 1-1/4" (3,2 cm)

☐ **x2**

☐ **x2**

☐ **x8** ──> 3/4" (1,9 cm)

CONCRETE FOUNDATION

If you choose to install your kit on a concrete slab refer to the diagram below.
Attach the sill plates on the foundaton as shown, and continue on to page 11.

Treated Sill Plate

Caulk between
sill plate and
concrete.

D

D

3-1/2"
(8,9 cm)

C B

A

DOOR

4"
(10,2 cm)

⚠ Sill plates must be treated lumber.
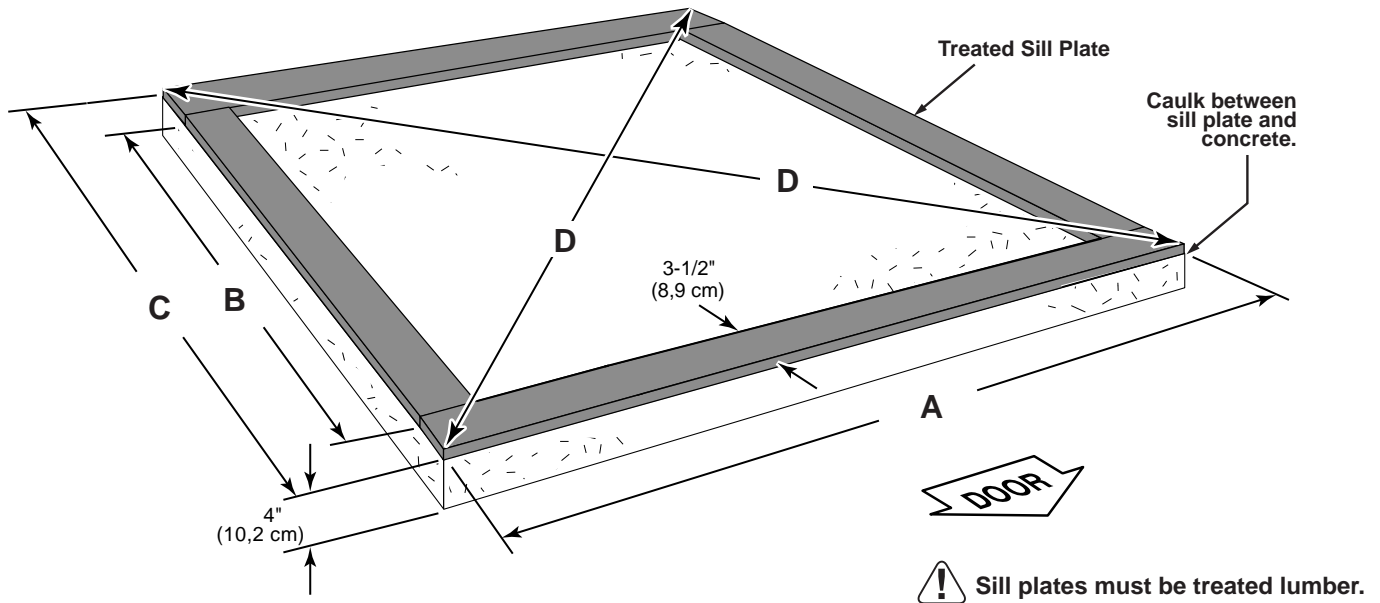
Building Size	Actual Floor Size	A	B	C	D
10'x8' (304,8 x 304,8 cm)	10'x8' (304,8 x 304,8 cm)	120" (304,8 cm)	89" (226,1 cm)	96" (243,8 cm)	153-11/16" (476,1 cm)

10' x 8' Building Requires:

☐ **x2 2 x 4 x 10' (5,1 x 10,2 x 304,8 cm)**   ☐ **x2 2 x 4 x 8' (5,1 x 10,2 x 304,8 cm)**
Cut down to: 89" (226,1 cm)

☐ **x1 Caulk** ▭━▷

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

• **A treated 2 x 4" (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete.**

  Purchase full length treated lumber, or butt shorter pieces end-to-end and seal seams with caulk.

• **Use a high quality exterior grade caulk beneath all sill plates.**

• **Fasten 2 x 4" (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (fasteners not included).**

• **Check local code for concrete foundation requirements.**

PREFERRED METHOD - 4x4 TREATED RUNNERS

Runners are generally 12" (30,5 cm) **from ends of floor frame and under seams.**

• **3" Screws angled into 4x4.**
• **(2) at each point frame and 4x4 touch.**

12" (30,5 cm)

Measurements to centers of 4x4's.

12" (30,5 cm)

⚠ **FLOOR FRAME NOT INCLUDED**

Fasteners for Frame to 4x4:
(3" Screws shown as one option.)
Minimum 3" screws / exterior grade.
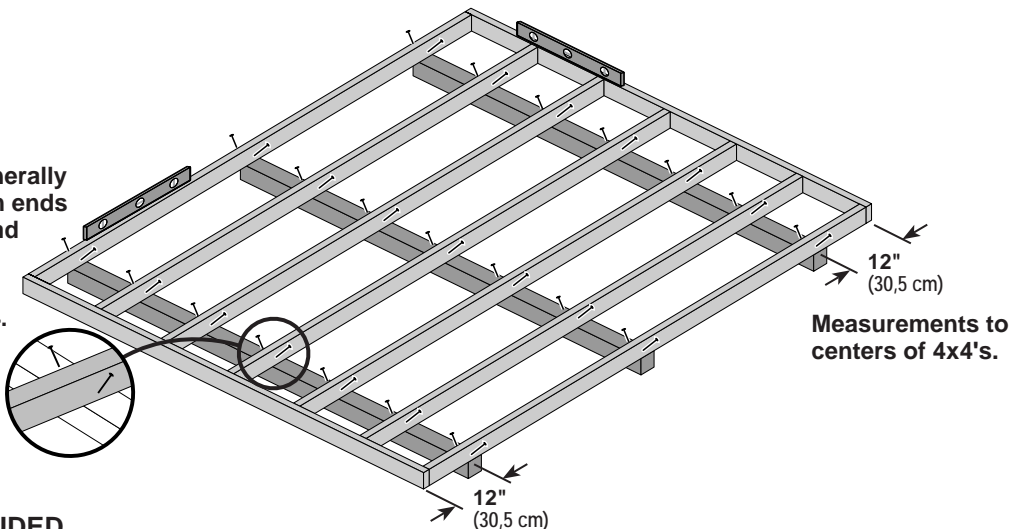
MATERIAL REQUIRED:

| **10' x 8'** | ☐ **x3** 4 x 4 x 8' (10,2 x 10,2 x 304,8 cm) Treated Lumber |

☐ **x42** 3" (7,6 cm)

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

⚠ **Always support frame seams.**

Maximum between leveling material locations. 48"

Shingle   Level   4x4 Runner

12"   12"

Shingle

Do not exceed 16".

Gravel   2" Block   Gravel   4" Block   8" Block
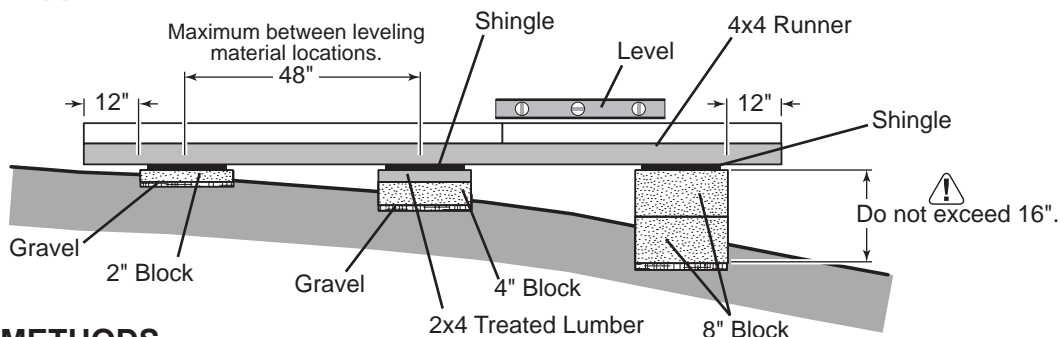
2x4 Treated Lumber

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.**

LEVELING & SQUARING THE FLOOR FRAME (Not Included)

STOP! ⚠️ **LEVEL AND SQUARE FLOOR FRAME** ⚠️ **STOP!**

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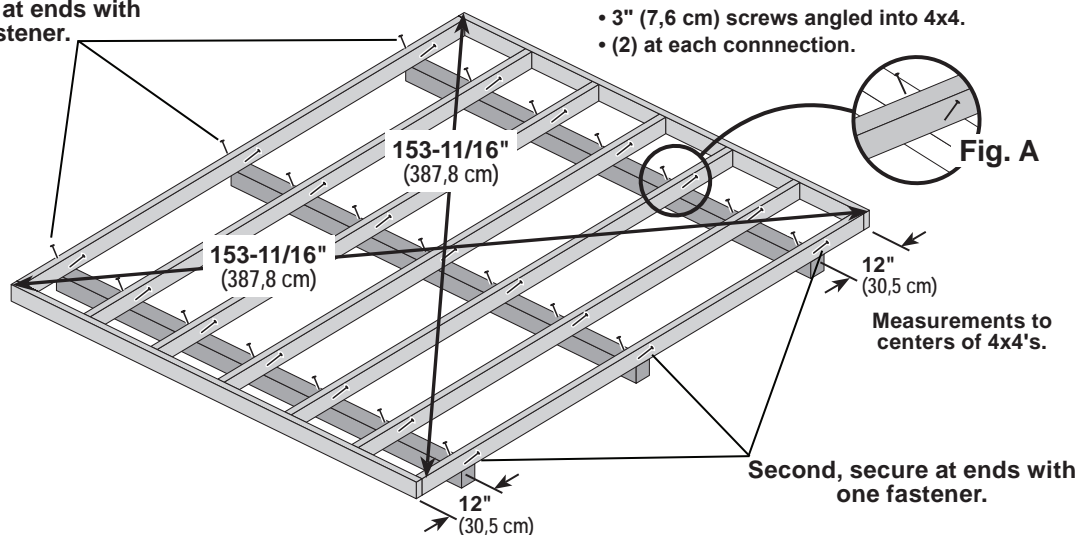A level and square floor frame is required to correctly construct your shed.

See page 9 for the preferred floor leveling method.

✓**BEGIN** *Use a level and ensure the frame is level before applying floor panels.*

1 Check for frame squareness by measuring diagonally across the corners.
If the measurements are the same, the frame is square.

• The diagonal measurement for the 10' x 8' frame will be approximately **153-11/16"** (387,8 cm) .

2 After the frame is level and square, secure one side of frame to 4x4 runners using one fastener at ends
of each runner. At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at the
ends of each runner, ensuring that the frame remains square.
Fasten the frame to the 4x4 runners with (2) 3" screws at each connection **(Fig. A).**

4x4 runners are generally installed 12" (30,5 cm) from ends of floor frame and under any seams.

First, secure at ends with one fastener.

• 3" (7,6 cm) screws angled into 4x4.
• (2) at each connnection.

153-11/16" (387,8 cm)

153-11/16" (387,8 cm)

Fig. A

12" (30,5 cm)

Measurements to centers of 4x4's.

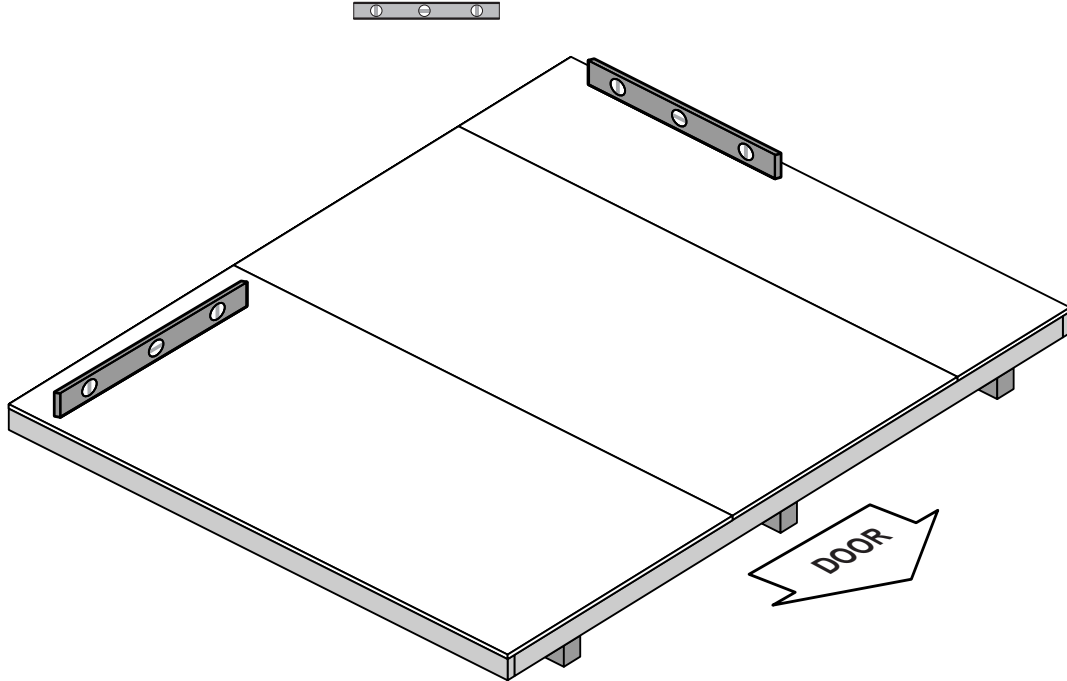**12"** (30,5 cm)

Second, secure at ends with one fastener.

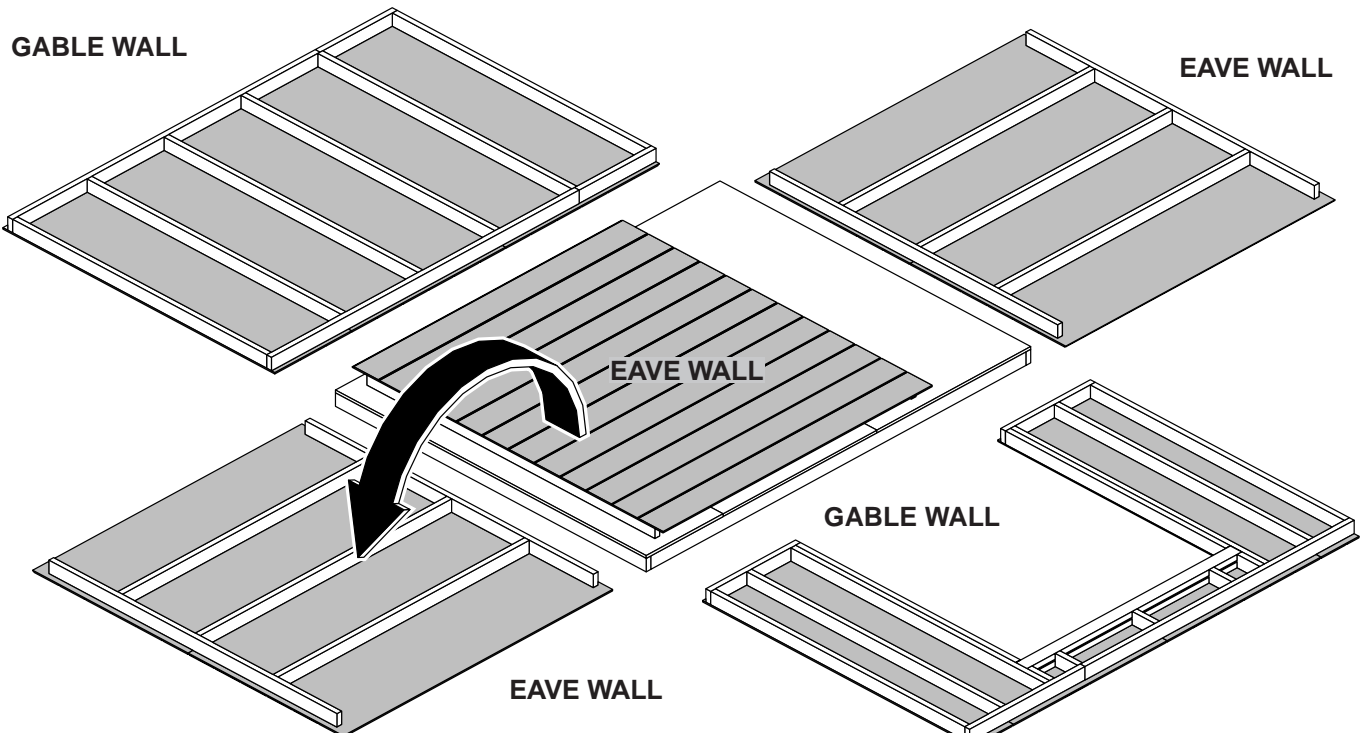🏁**FINISH**
Your floor frame is now level.

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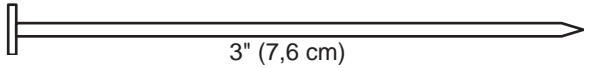

DOOR

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.**

GABLE WALL

EAVE WALL

EAVE WALL

GABLE WALL

EAVE WALL
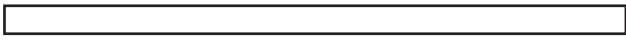
DOOR HEADER

PARTS REQUIRED:

x18 ⊢━━━━━━━━━━━━━━ 3" (7,6 cm)

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

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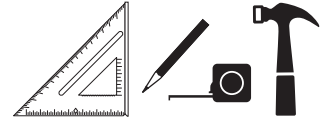
✓**BEGIN**

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

Fasten together with 3" nails in the pattern shown.

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

ASSEMBLED END VIEW

AM

Flush

OSB

AM

Flush

🏁**FINISH**

Your door header is now assembled.

12

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

x40 2" (5,1 cm)

GAA
3/4" GAUGE BLOCK

2x3"
TEMP. SPACER

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

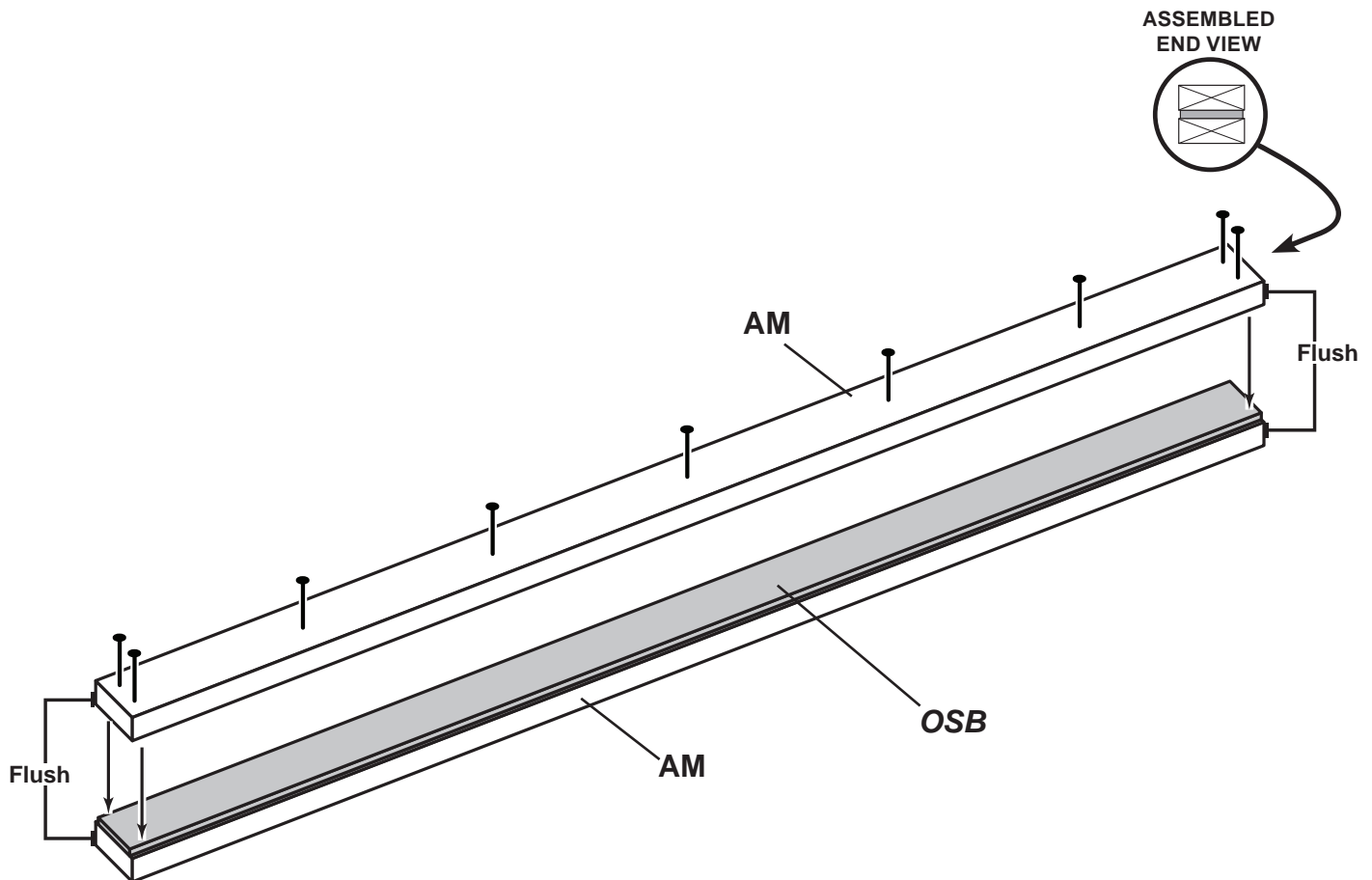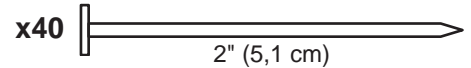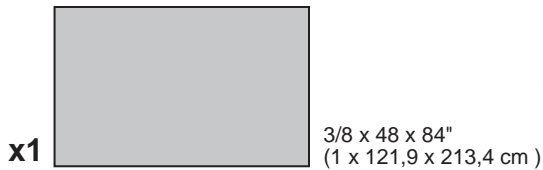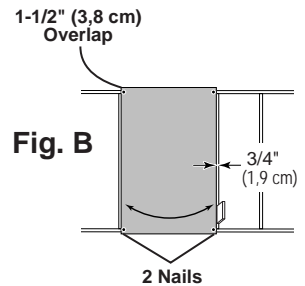⚠ **Ensure your wall is square by installing one panel and squaring frame.**

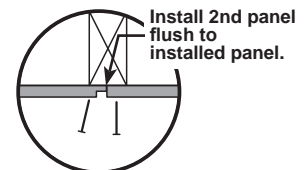**Install all wall panels with the primed side facing up.**

✓**BEGIN**

1 Place a **48" X 84"** panel on the wall frame, as shown.
Locate the panel 1-1/2" above the top plate.
Use a 2 x 3 as a gauge block for the 1-1/2" top overhang measurement.
Use the gauge block to mark the 3/4" side measurement on the wall stud.
Secure panel with (2) 2" nails in the corners **(Fig. A).**
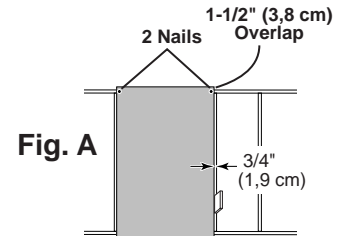
2 Move to the opposite end. Using the long edge of the panel as a lever,
move the panel side-to-side until you have a 3/4" measurement on the wall stud.
Secure corner with (2) 2" nails **(Fig. B)**.
Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.
Note the panel lip-edge/square edge orientation.

2 Nails
1-1/2" (3,8 cm) Overlap
Fig. A
3/4" (1,9 cm)

1-1/2" (3,8 cm) Overlap
Fig. B
3/4" (1,9 cm)
2 Nails

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

2x3
1-1/2" (3,8 cm)
3/4" (1,9 cm)
BEGIN HERE

EXAMPLE WALL

6" (15,2 cm)

12" (30,5 cm)

3/4" Gauge Block

3/4" (1,9 cm)

SQUARE EDGE
LIP EDGE

💡 *HINTS*

Angle nail to draw panels tight at seams.

⚠ **Do not nail in groove.**

3/4" (1,9 cm)

Install 2nd panel flush to installed panel.

13

10' GABLE WALL WITH DOOR
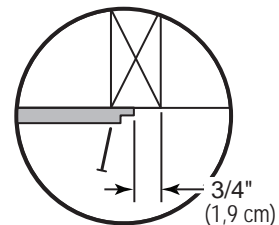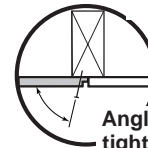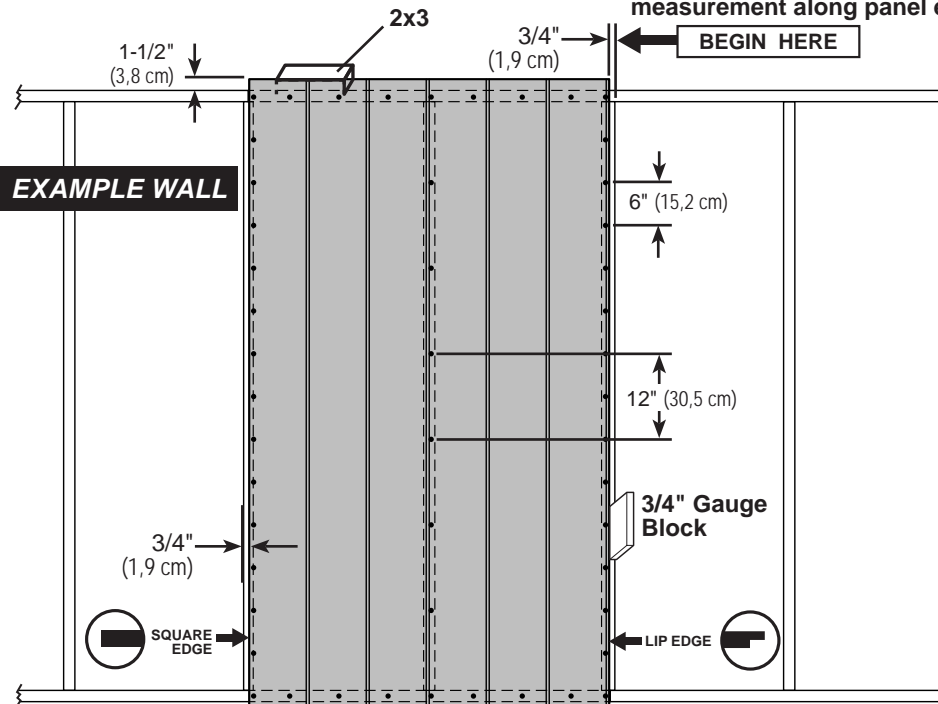
PARTS REQUIRED: **x5** AL
2 x 4 x 7" (5,1 x 10,2 x 17,8 cm)

x2 RR 2 x 4 x 28" (5,1 x 10,2 x 71,1 cm) ,

x2 UM 2 x 4 x 68" (5,1 x 10,2 x 172,7 cm)

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

Pre Assembled Header
x1

x72 3" (7,6 cm)

x6 3" (7,6 cm)

✓**BEGIN**

1 Orient parts on edge on floor as shown. Measure and mark from end of boards.
Orient **Pre Assembled Header** as shown **(Fig. A)**.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.

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

14

10' GABLE WALL WITH DOOR

PARTS REQUIRED:

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

x1 **x1**

x2 3" (7,6 cm)

x150 2" (5,1 cm)

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

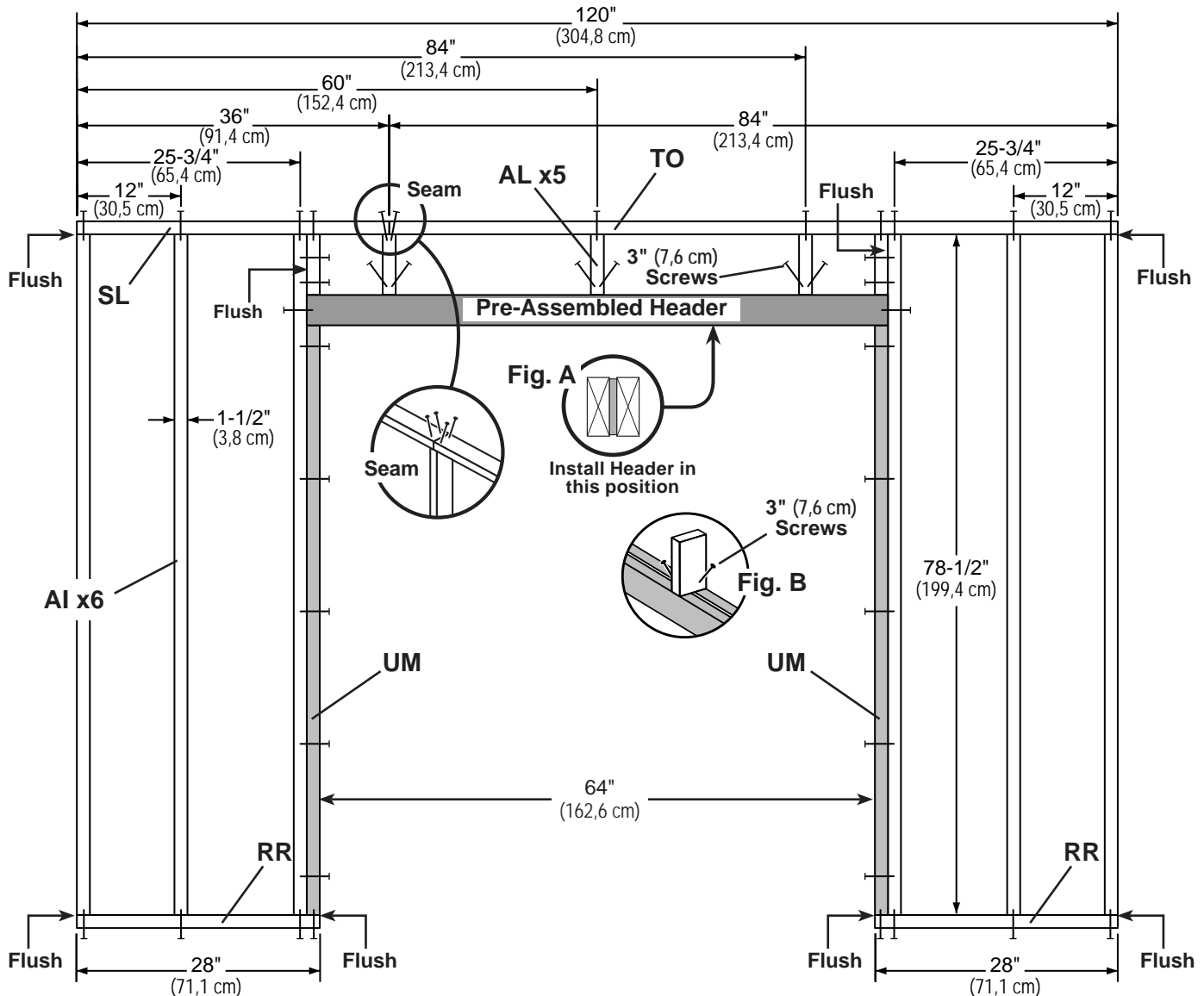**3** Install the left panel 1-1/2" from the top plate.
Use a 2x3 spacer for consistent measurement.
Secure panel with 2" nails spaced 6" apart on edges.

3/4" (1,9 cm)

BEGIN HERE

Flush

2x3

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

3/4" Gauge Block

3/4" Gauge Block

6" (15,2 cm)

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

Secure panels with 2" nails spaced 6" apart on edges.

Flush **Flush**

⚠️ **64"** (162,6 cm)

OO *Temporary Brace*

3" (7,6 cm) Screw **3" (7,6 cm) Screw**

3/4" (1,9 cm)
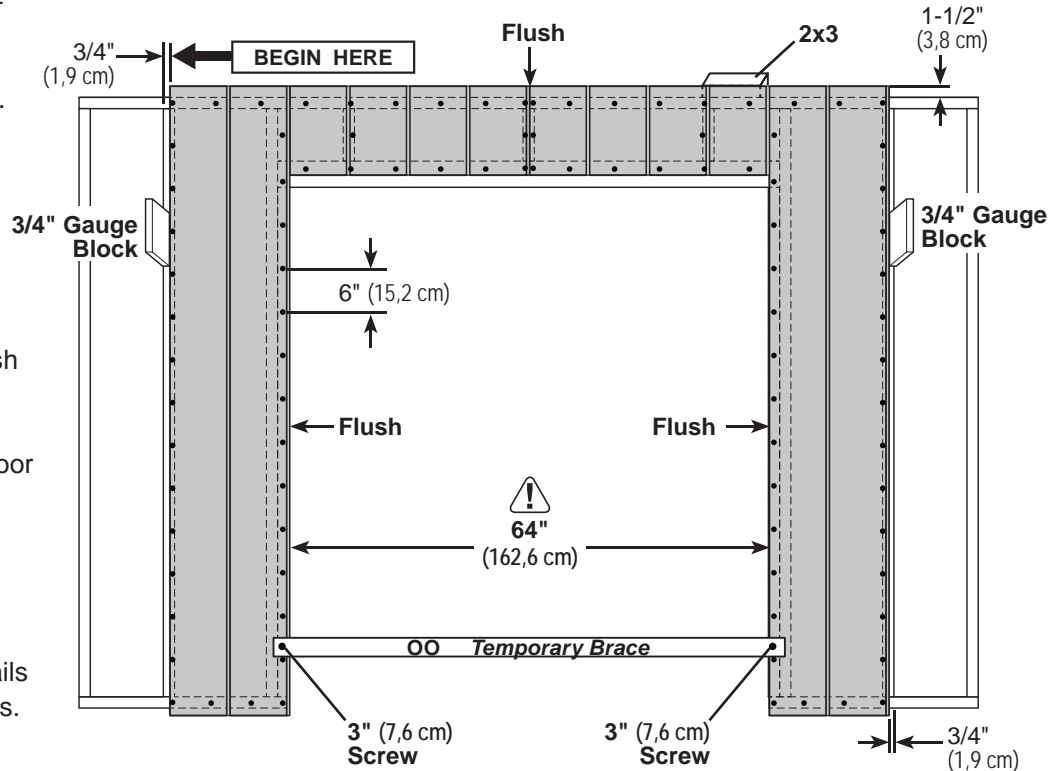
5 Install (2) **11-7/8" x 84"** panels flush to installed panels and 1-1/2" from the top plate.

Secure panels with 2" nails spaced 6" apart on edges.

Note the panel lip-edge/square edge orientation.

2x3 **Flush**

Flush **2x3**

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

6" (15,2 cm)

Flush **Flush**

SQUARE EDGE

LIP EDGE

🏁 **FINISH**
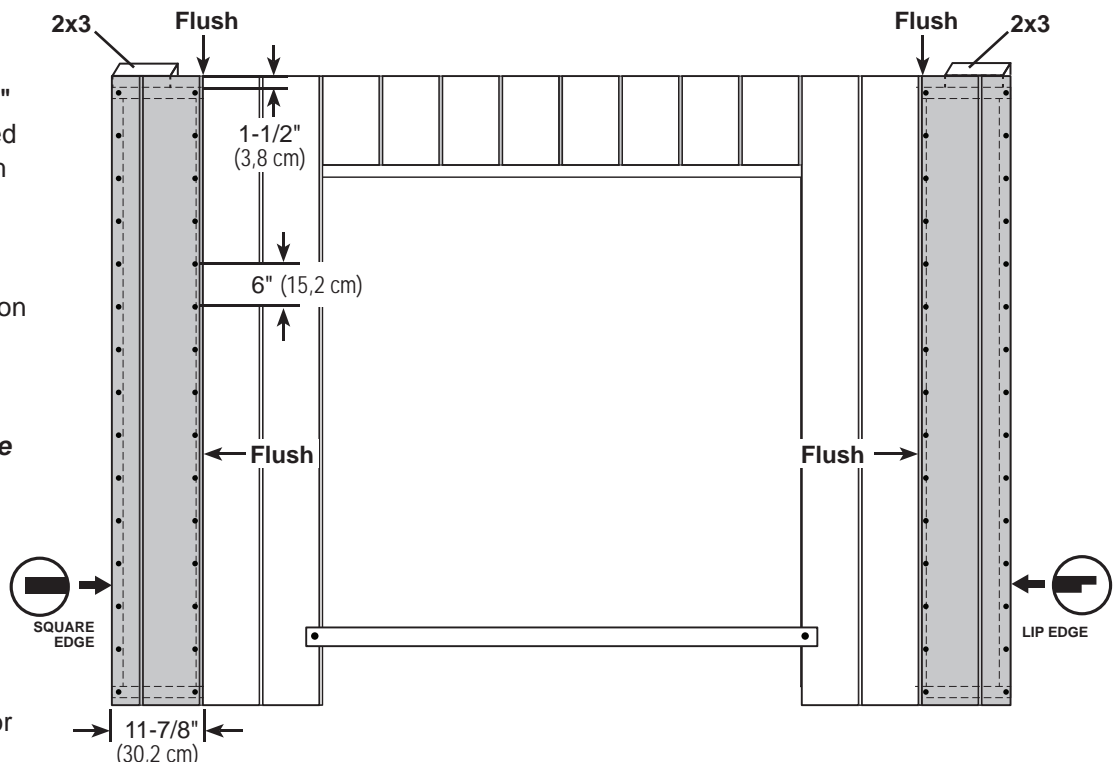
Your gable wall with door is now assembled.
Carefully flip the wall over.

11-7/8" (30,2 cm)

15
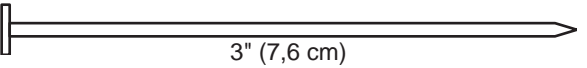
10' GABLE WALL

PARTS REQUIRED:

x2 | RL
2 x 4 x 24" (5,1 x 10,2 x 61 cm)
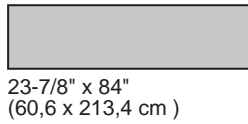
x6 | AI
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

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

x28 3" (7,6 cm)

√**BEGIN**

1 Orient parts on edge on floor as shown. Measure and mark from end of boards.

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

HINT:

120"
(304,8 cm)

96"
(234,8 cm)

24"
(61 cm)

72"
(182,9 cm)

48"
(121,9 cm)

24"
(61 cm)

TP

RL

Flush

Flush

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

3" (7,6 cm)
Nails

Seam

78-1/2"
(199,4 cm)

AI x6

RL

Seam

TP

Flush

Flush

24"
(61 cm)

96"
(234,8 cm)

16

PARTS REQUIRED:

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

x2
48 x 84"
(121,9 x 213,4 cm)

x136
2" (5,1 cm)

2

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

Use a 2x3 spacer for consistent measurement.

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

Note the panel lip-edge/square edge orientation.

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

2x3

3/4" (1,9 cm)

BEGIN HERE

6" (15,2 cm)

12" (30,5 cm)

3/4" Gauge Block
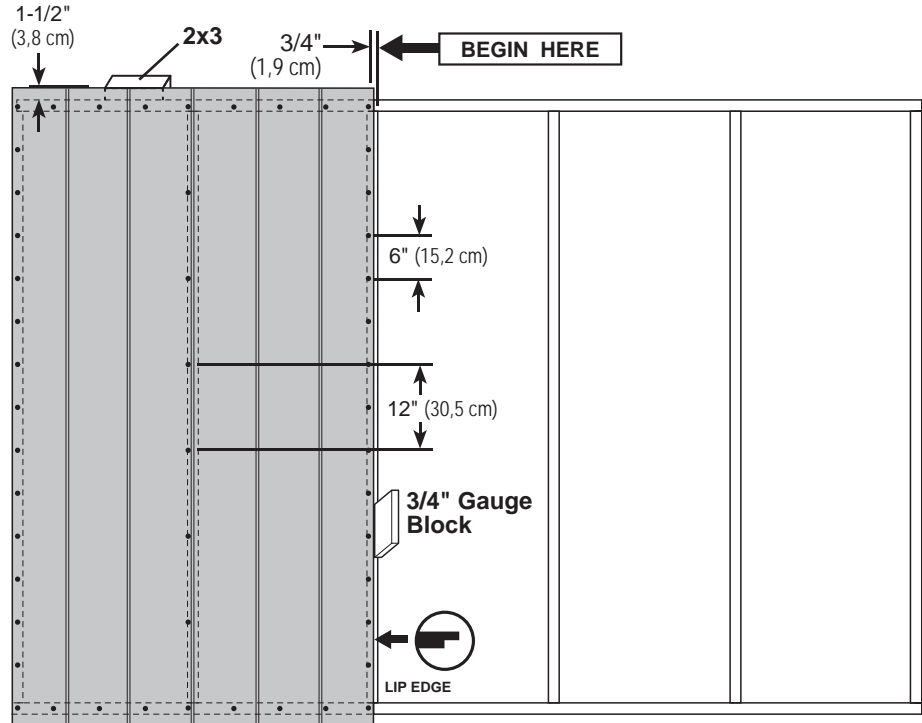
LIP EDGE

3

Install the **48" x 84"** and **23-7/8" x 84"** panels flush to installed panels.

Locate panels 1-1/2" from the top plate.

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

Note the panel lip-edge/square edge orientation.

Flush

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

Flush

2x3

6" (15,2 cm)

12" (30,5 cm)

Flush

Flush

SQUARE EDGE

SQUARE EDGE

23-7/8" (60,6 cm)

FINISH

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

8' EAVE WALLS

PARTS REQUIRED:

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

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

x24 3" (7,6 cm)
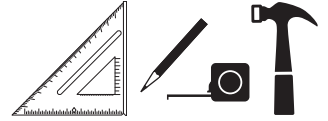
Build TWO identical 8' walls.

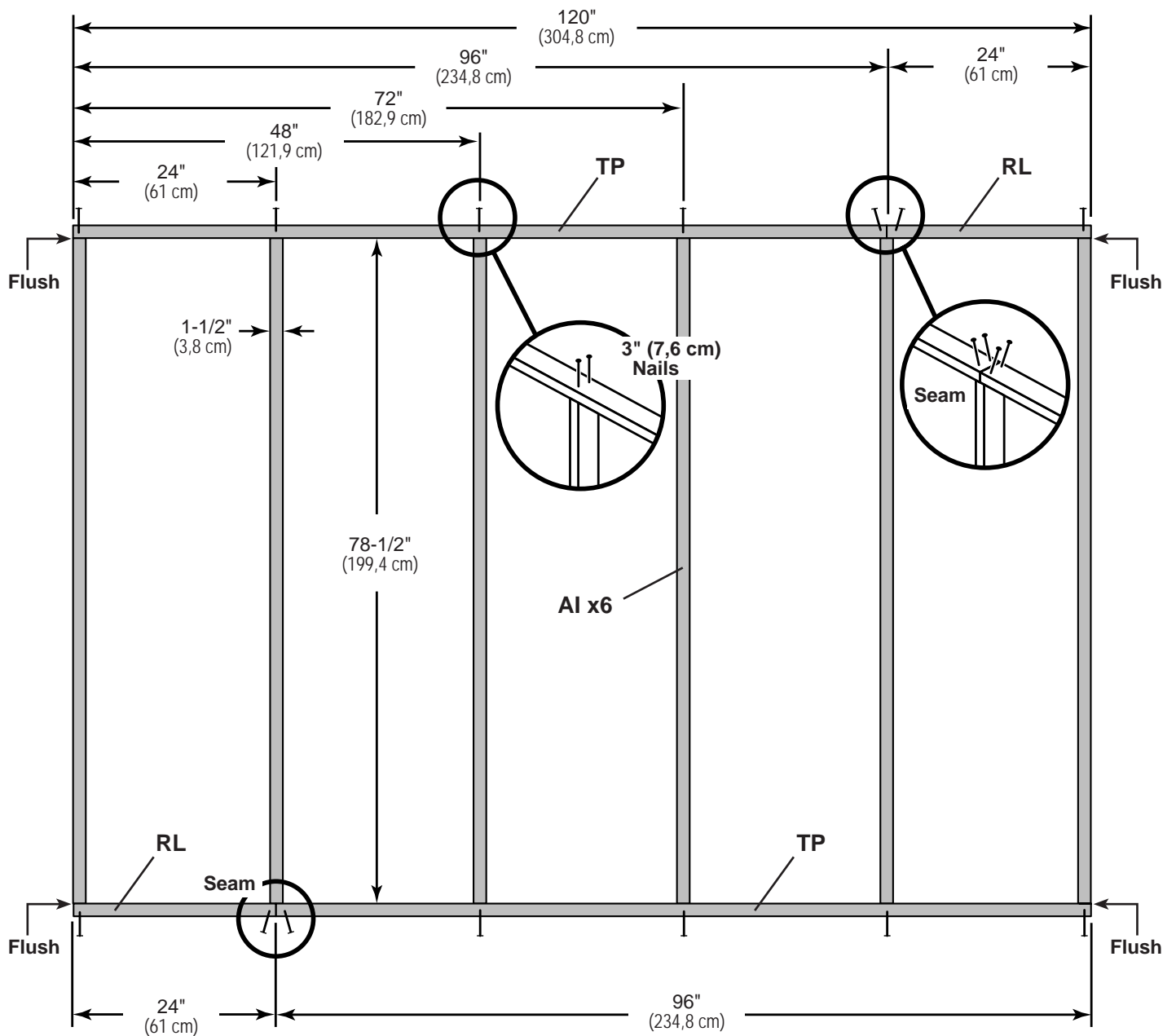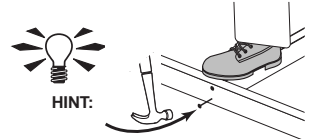✓**BEGIN**

1 Orient parts on edge on floor. Measure and mark from end of boards.

Secure with (2) 3" nails at each connection.

HINT:

89"
(226,1 cm)

68-5/8"
(174,3 cm)

44-5/8"
(113,3 cm)

20-5/8"
(52,4 cm)

SZ

3" (7,6 cm)
Nails

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

78 1/2"
(199,4 cm)

AI x3

SZ

89"
(226,1 cm)

18
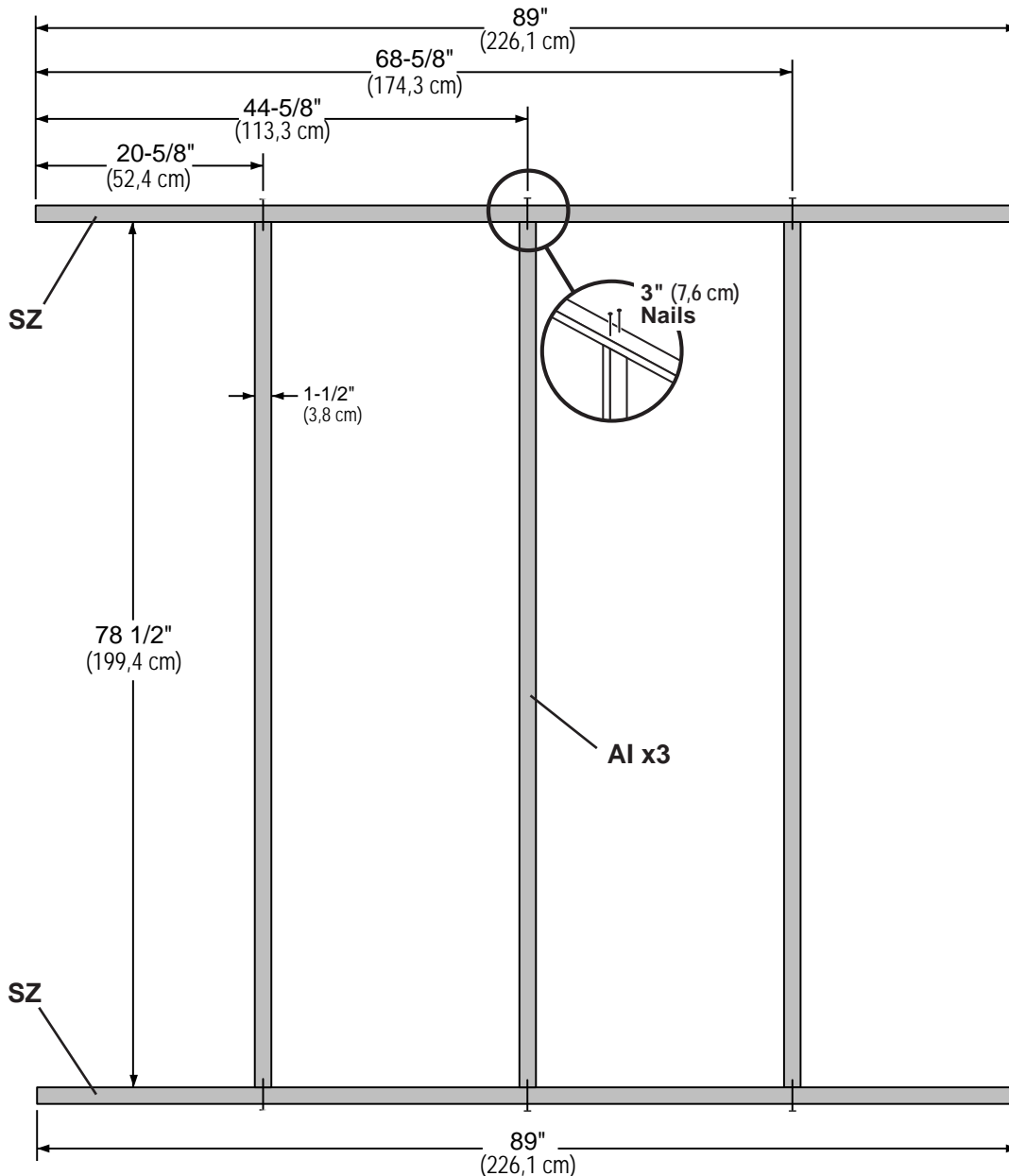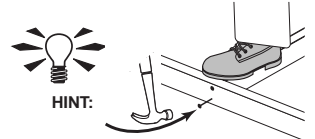
8' EAVE WALLS

PARTS REQUIRED:

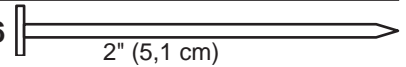x4 — 48 x 84"
(121,9 x 213,4 cm)

x140 — 2" (5,1 cm)
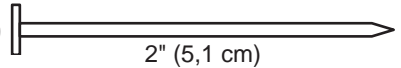
2

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

Use a 2x3 spacer for
consistent measurement.

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

*Note the panel
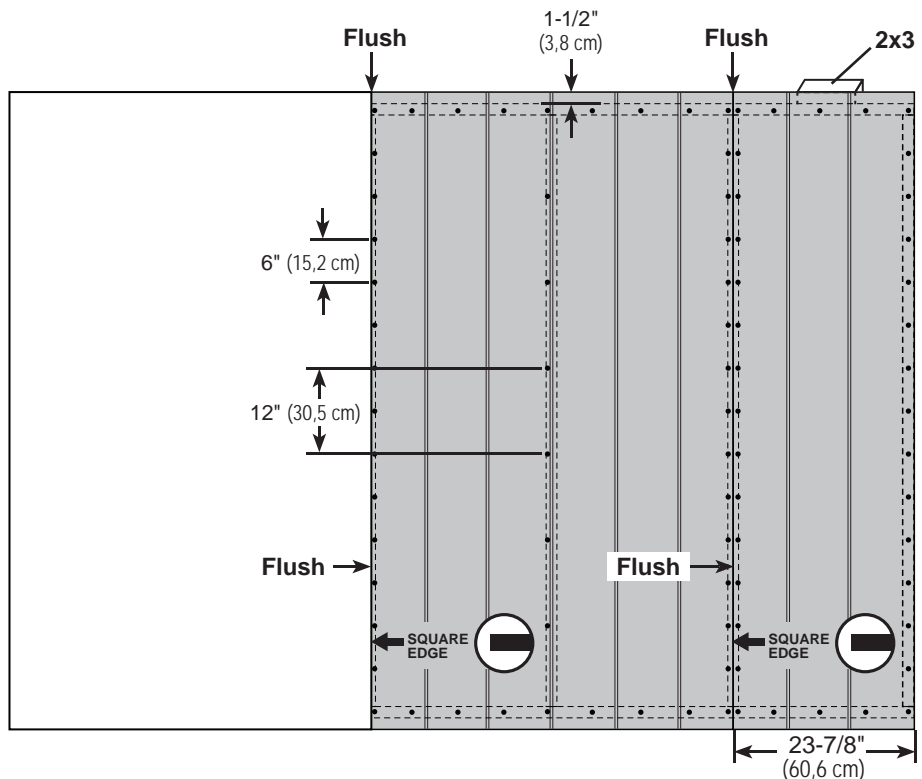lip-edge/square edge
orientation.*

3-1/2"
(8,9 cm)

2x3

3/4"
(1,9 cm)

BEGIN HERE

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

6" (15,2 cm)

12"
(30,5 cm)

SQUARE
EDGE

3/4"
Gauge Block
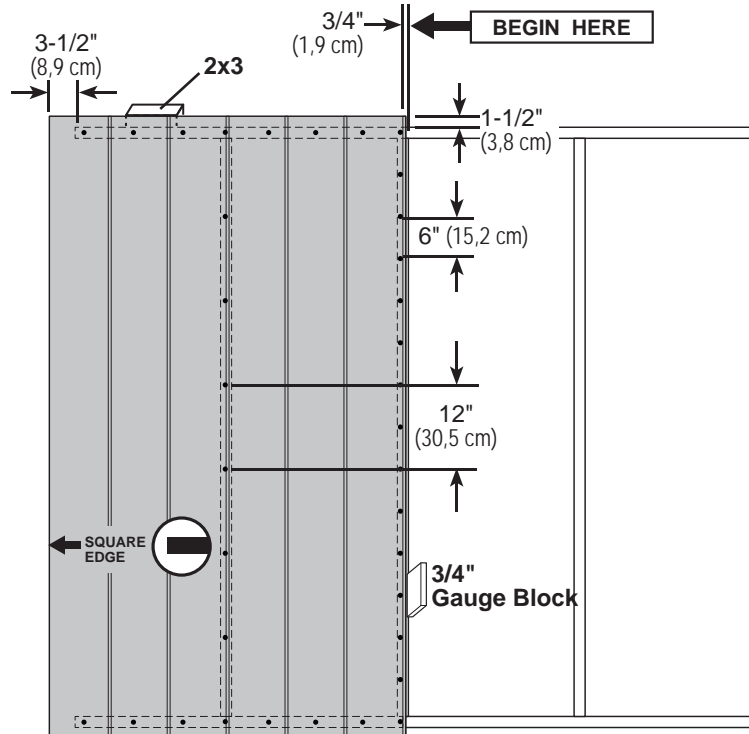
3

Install next **48" x 84"** panel
flush to installed panels.

Locate panels 1-1/2" from
the top plate.

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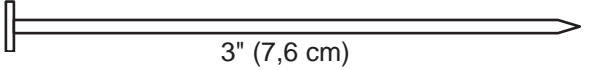6" apart on edges and 12"
apart inside panel.

*Note the panel
lip-edge/square edge
orientation.*

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

Flush

2x3

3-1/2"
(8,9 cm)

6" (15,2 cm)

Flush

12"
(30,5 cm)

SQUARE
EDGE

FINISH
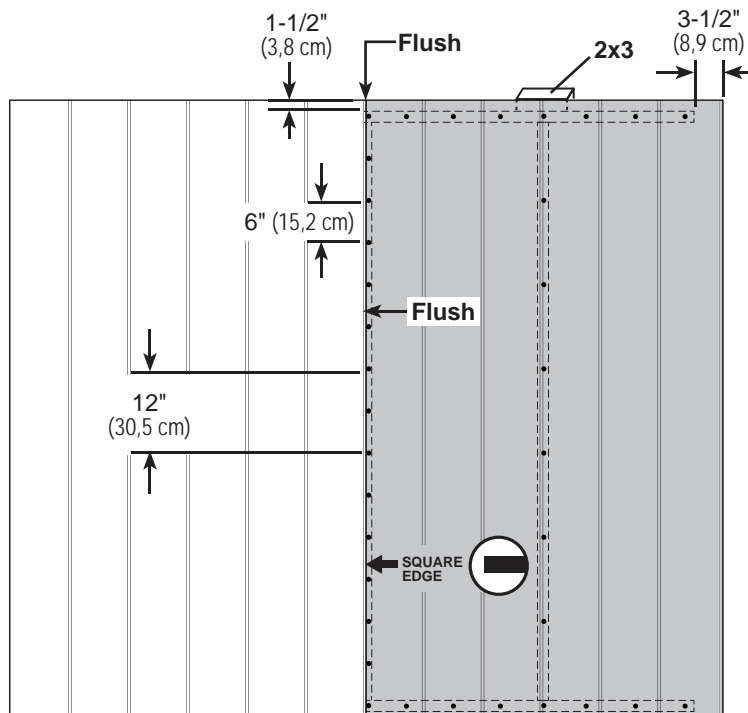
Your 8' eave wall is now assembled.

Carefully flip the wall over.

Repeat all steps to build your 2nd 8' eave wall

19

10' GABLE WALL INSTALLATION

PARTS REQUIRED:

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

x10 — 3" (7,6 cm)

x2 — 3" (7,6 cm)

x23 — 2" (5,1 cm)

✓**BEGIN**

1 Center 10' wall on the 120" (304,8 cm) floor dimension.
1-1/2" (3,8 cm) overlap is to the top.

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

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

DOOR

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

OO

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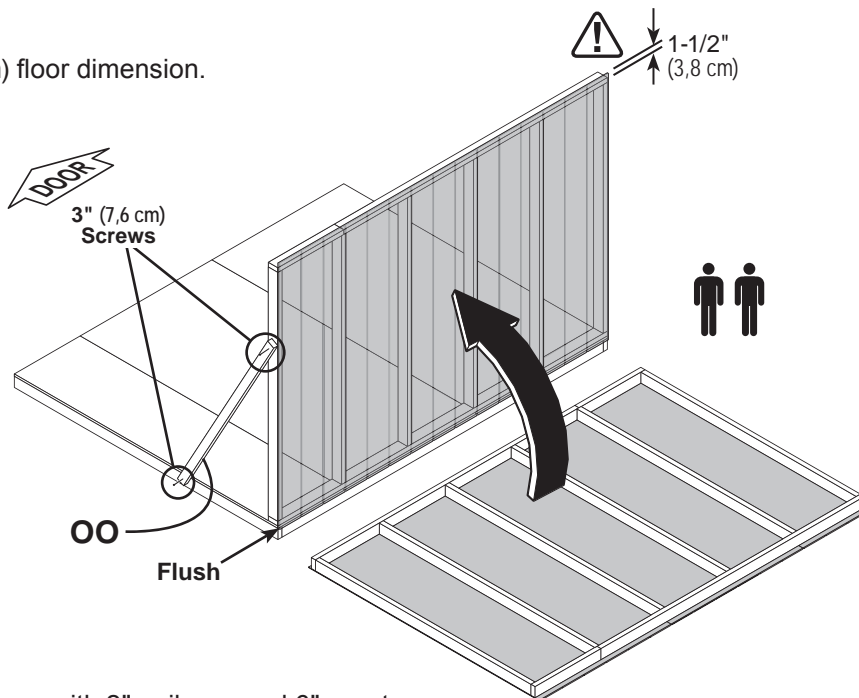
2 Secure lower edge of panel to floor frame with 2" nails spaced 6" apart.
Angle nails into floor frame **(Fig. A)**.

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

DOOR

3" (7,6 cm) **Nails**

6" (15,2 cm)

3" (7,6 cm) **Nails**

Nail 2" nails first.

2" (5,1 cm) **Nails**
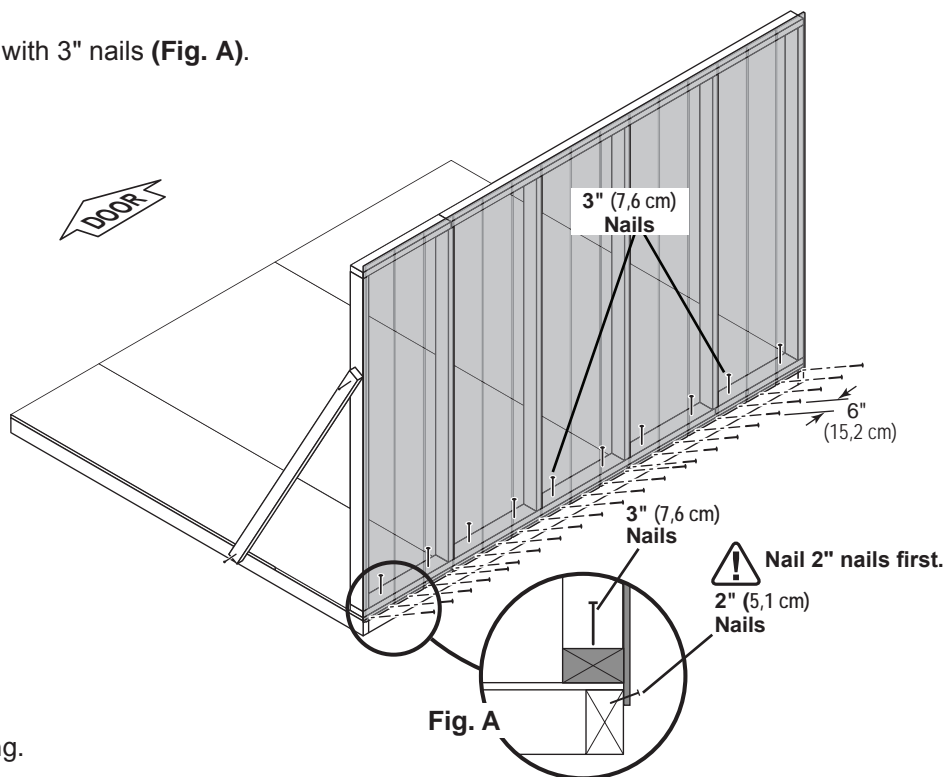
Fig. A

🏁**FINISH**
Your 10' gable wall is now standing.

20

8' EAVE WALL INSTALLATION

PARTS REQUIRED

x1 3" (7,6 cm)

x2 2" (5,1 cm)

x18 2" (5,1 cm)

x13 1-1/2" (3,8 cm)

x8 3" (7,6 cm)
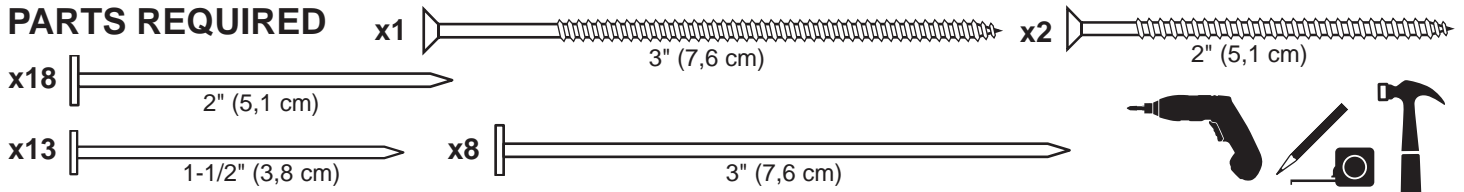
✓ **BEGIN**

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

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

Secure wall to bottom plate first.
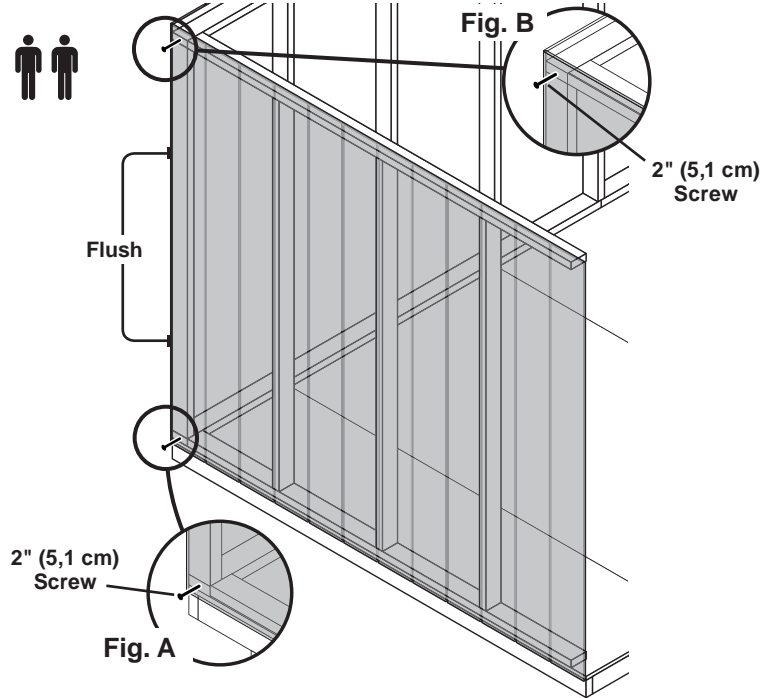
⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

Fig. B

2" (5,1 cm) Screw

Flush

2" (5,1 cm) Screw

Fig. A

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

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

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

3" (7,6 cm) Screw

Fig. D

6" (15,2 cm)

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

3" (7,6 cm) Nails

3" (7,6 cm) Nails

⚠ **Nail 2" nails first.**

2" (5,1 cm) Nails

6" (15,2 cm)

Fig. C

2" (5,1 cm) Nails

🏁 **FINISH**
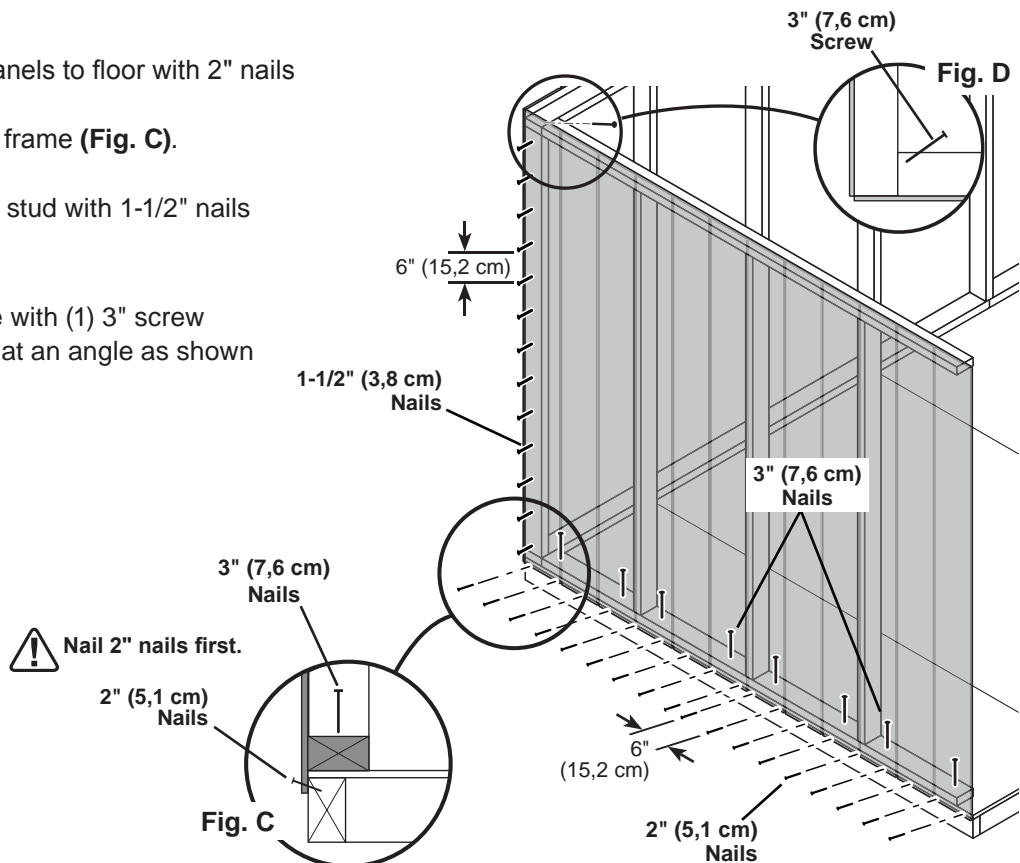
Your 1st 8' eave wall is now installed.

21

PARTS REQUIRED:

x2 — 2" (5,1 cm)

x8 — 3" (7,6 cm)

x18 — 2" (5,1 cm)

x1 — 3" (7,6 cm)

x13 — 1-1/2" (3,8 cm)

✓**BEGIN**

1 Remove temporary brace **OO** from installed 10' gable wall.
Place 2nd 8' eave wall centered on floor 1-1/2" (3,8 cm) overlap is to the top.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

2 Secure wall with (1) 2" screw through gable wall panel into 10' wall bottom and top plates **(Fig. B, Fig. A)**.
Secure wall to bottom plate first.

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

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

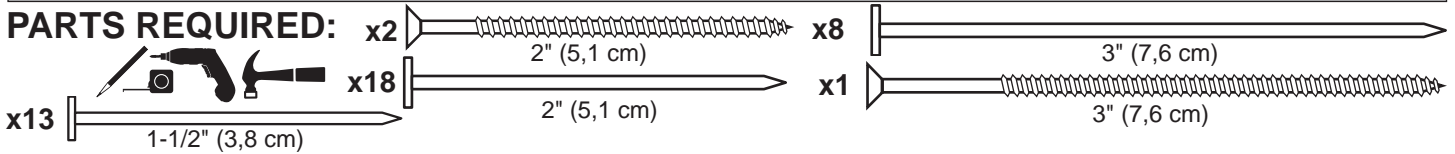**4** Nail 8' eave wall panel to 10' gable wall stud with 1-1/2" nails spaced 6" apart.

5 Secure wall top plate with (1) 3" screw at the corner at an angle as shown **(Fig. D)**.
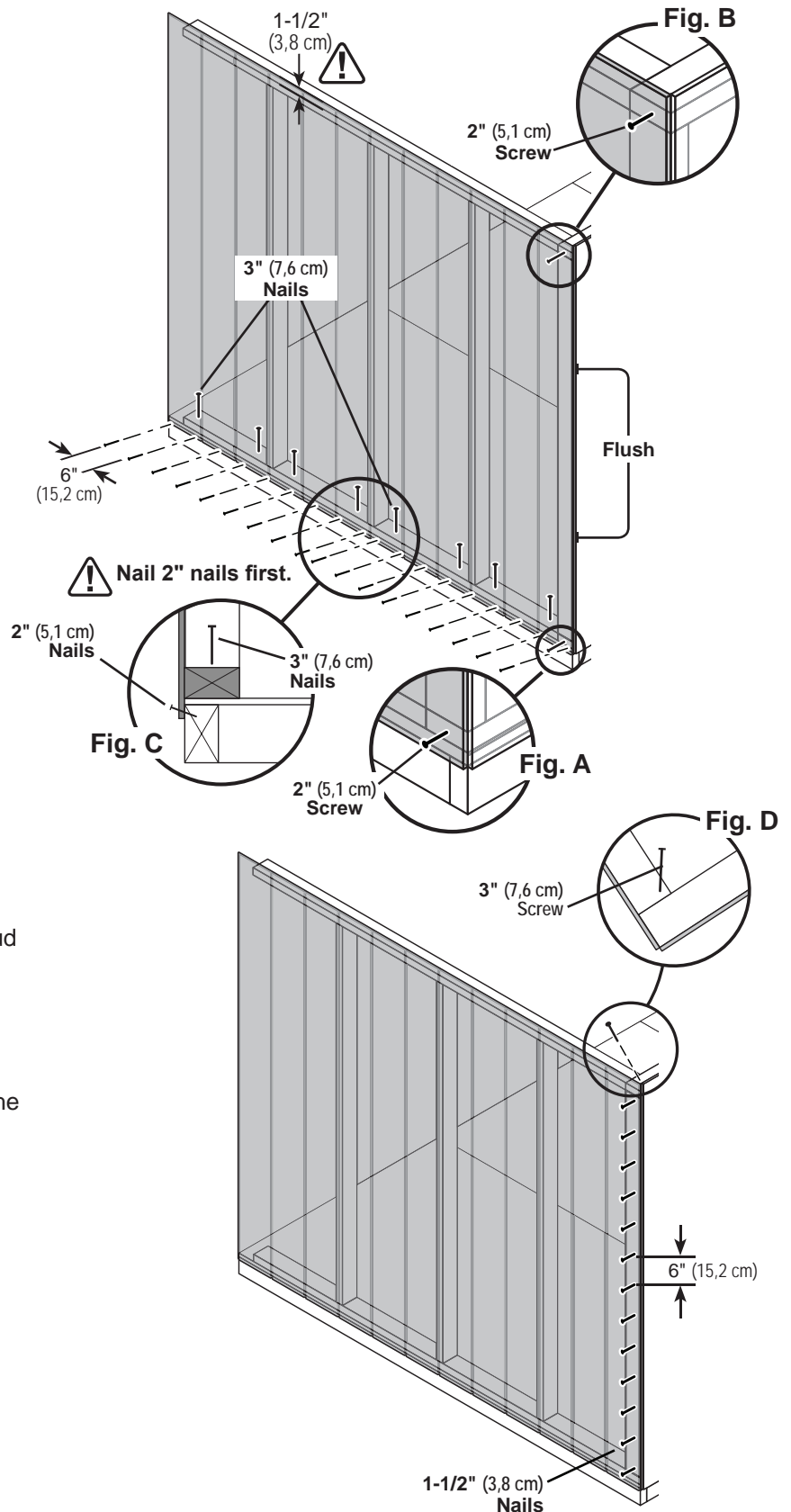
🏁**FINISH**

Your 2nd 8' eave wall is now installed.

Fig. B

1-1/2" (3,8 cm) ⚠

2" (5,1 cm) **Screw**

3" (7,6 cm) **Nails**

Flush

6" (15,2 cm)

⚠ **Nail 2" nails first.**

2" (5,1 cm) **Nails**

3" (7,6 cm) **Nails**

Fig. C

2" (5,1 cm) **Screw**

Fig. A

Fig. D

3" (7,6 cm) Screw

6" (15,2 cm)

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

10' GABLE WALL INSTALLATION

PARTS REQUIRED

x10 — 2" (5,1 cm)

x2 — 3" (7,6 cm)

x4 — 2" (5,1 cm)

x26 — 1-1/2" (3,8 cm)

x8 — 3" (7,6 cm)

✓**BEGIN**

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

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

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.** ⚠

Fig. B

2" (5,1 cm) Screw

Flush

Flush

Fig. A

2" (5,1 cm) Screw

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

Nail panels to eave wall studs with 1-1/2" nails spaced 6" apart.

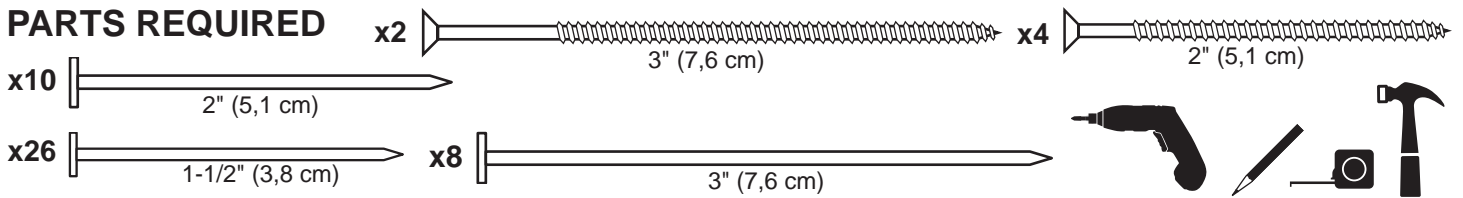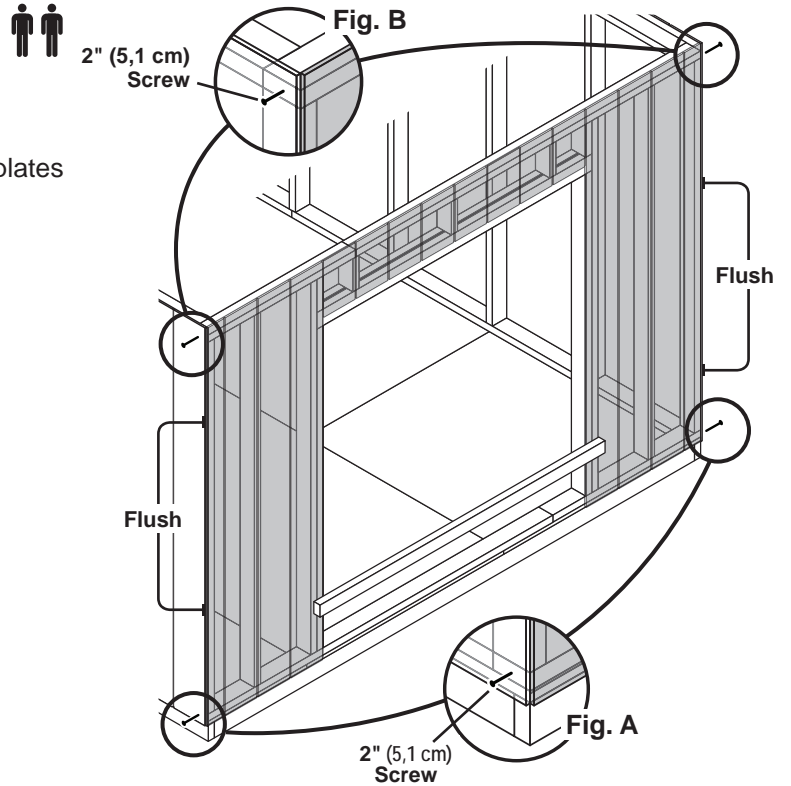**3** Secure wall top plates with 3" screws at each corner at an angle **(Fig. D)**.

3" (7,6 cm) Screw

Fig. D

6" (15,2 cm)

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

3" (7,6 cm) Nails

⚠ **Nail 2" nails first.**

3" (7,6 cm) Nails

2" (5,1 cm) Nails

Fig. C

2" (5,1 cm) Nails

6" (15,2 cm)
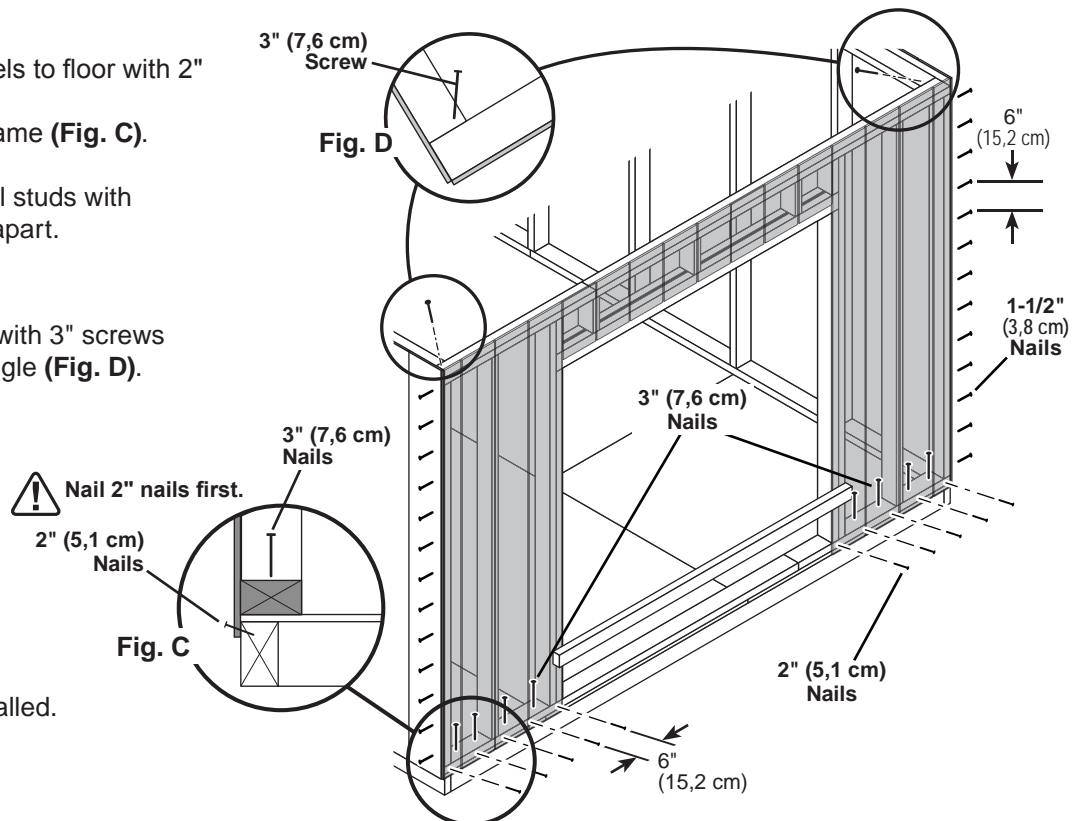
🏁 **FINISH**
Your walls are now installed.

10' x 8' WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

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

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

x2 | TP |
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)
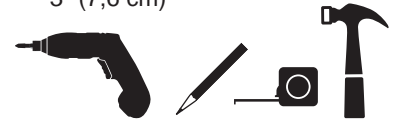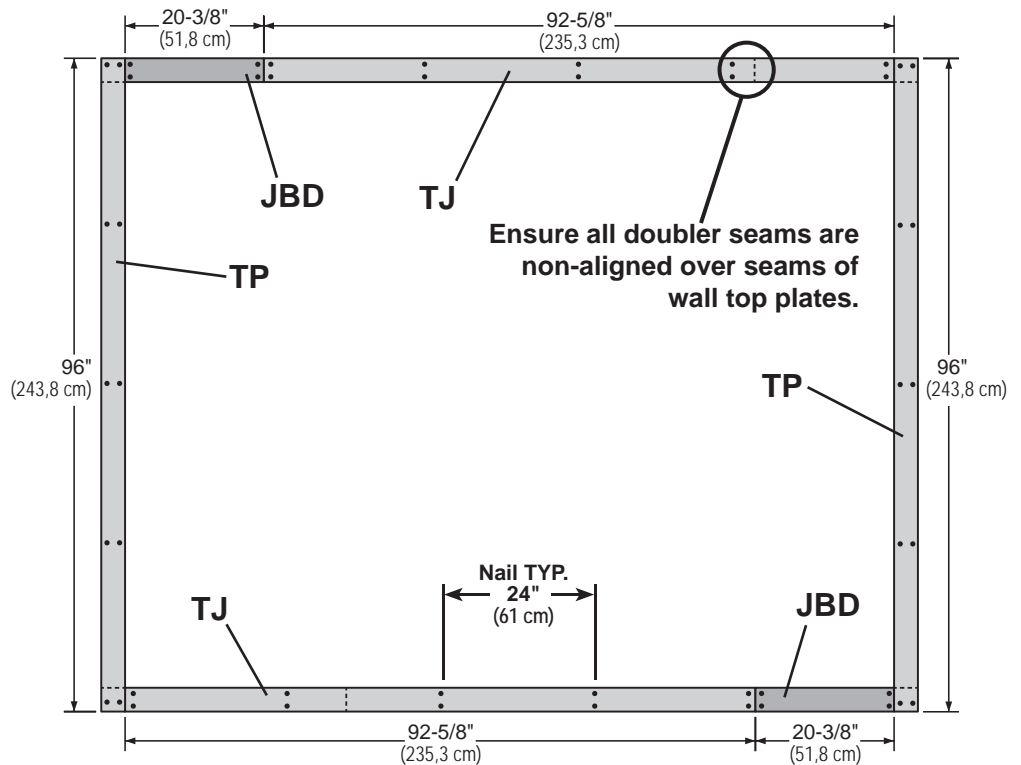
x48 3" (7,6 cm)

x8 3" (7,6 cm)

√**BEGIN**

1. Orient parts on top of wall frames. Measure and mark from end of boards.

2. Secure from top with (2) 3" nails spaced every 24" **(Fig. A).**

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

3" (7,6) cm Nails

Fig. A

Fig. B

3" (7,6) cm Screws

20-3/8" (51,8 cm)

92-5/8" (235,3 cm)

JBD

TJ

Ensure all doubler seams are non-aligned over seams of wall top plates.

TP

96" (243,8 cm)

96" (243,8 cm)

TP

Nail TYP. 24" (61 cm)

TJ

JBD

92-5/8" (235,3 cm)

20-3/8" (51,8 cm)

DOOR

🏁**FINISH**
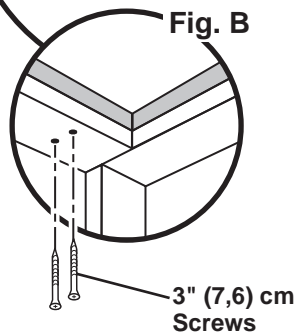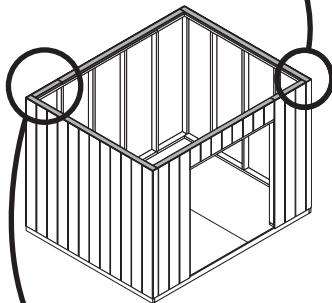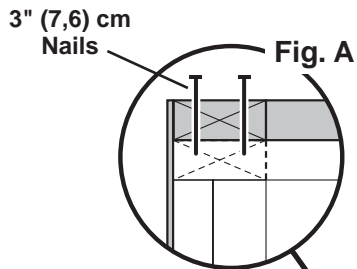
Your wall doublers are now installed.

RAFTERS

PARTS REQUIRED:

x96 2" (5,1 cm)

x8 6 x 24" (15,2 x 60,9 cm)

x10 AD
2 x 4 x 65" (5,1 x 10,2 x 165,1 cm)

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

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

✓**BEGIN**

1 Place two rafter-halves **AD** in the corner of back and side walls, flush to panels and studs.

Flush rafters at peak. Secure gusset to rafters with 2" nails following the pattern shown **(Fig. A)**.

Flush
1/4" (1,9 cm) 1/4" (1,9 cm)

Fig. A

HINT:
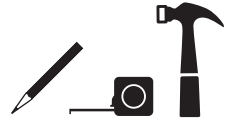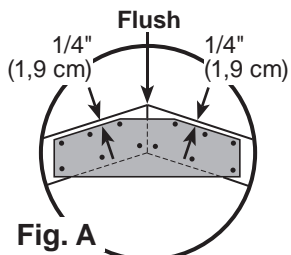Use floor and walls to help assemble rafters!

120"
(304,8 cm)

Fit base of rafters in corners of back wall.

Temporary support (OO)
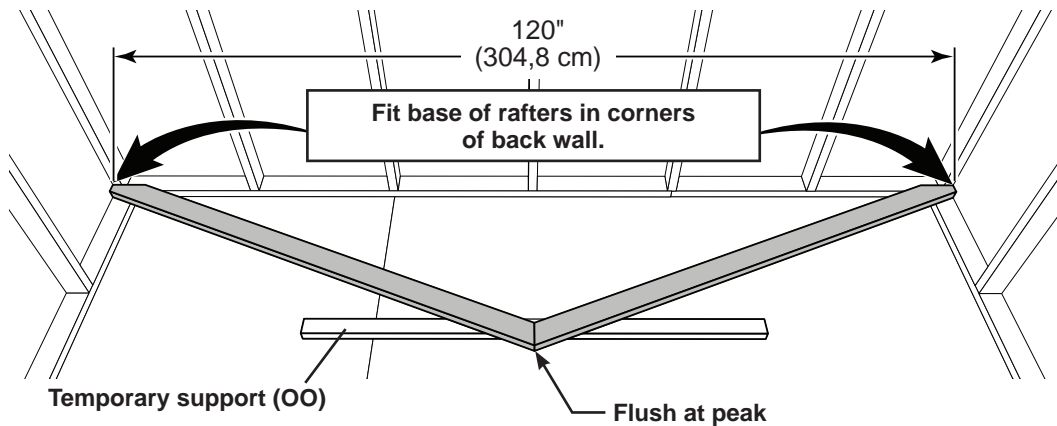
Flush at peak

⚠ **SET ASIDE THESE TWO RAFTER ASSEMBLIES.**

Build 3 rafter assemblies with (2) gussets (Fig. C).

2 Place two rafter-halves **AD** in the corner of back and side walls, flush to panels and studs (STEP - 1).
Flush rafters at peak. Secure gusset to rafters with 2" nails following the pattern shown **(Fig. A)**.

3 Flip over rafter assembly and fasten second gusset to other side with 2" nails **(Fig. C)**.
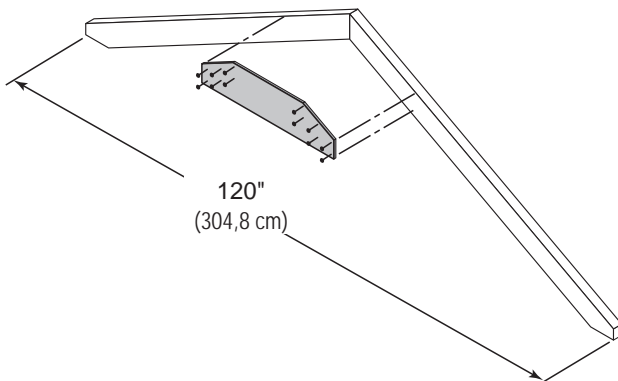
Fig. B - *Build 2*

120"
(304,8 cm)

Fig. C - *Build 3*

120"
(304,8 cm)
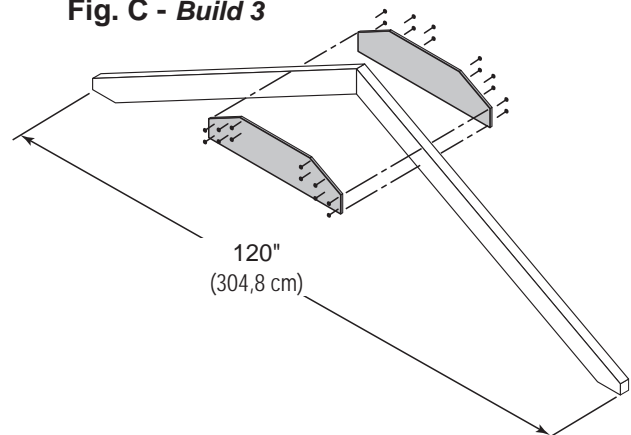
🏁**FINISH**

Your rafters are now assembled.

25

RAFTER INSTALLATION

PARTS REQUIRED:

x20 ▷〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜〜
3" (7,6 cm)

x3 **Two-Gusset Preassembled**

x2 **One-Gusset Preassembled**

✓**BEGIN**

1 Align rafters over the wall studs.

Check that you have the measurements shown.
Secure rafters with (2) 3" screws angled at each end **(Fig. A, Fig. B)**.
Secure rafters on opposite side.

⚠ *Maintain the measurements between rafters.*

DIMENSIONS ARE FROM OUTSIDE OF WALL PANELS

DIMENSIONS ARE TO CENTER OF RAFTERS

24-3/8"
(62 cm)

24"
(61 cm)

24"
(61 cm)

24-3/8"
(62 cm)

⚠ **Rafter with ONE GUSSET facing inward.**

⚠ **Rafter with ONE GUSSET facing inward.**

ALIGN OVER STUDS

Flush to outside of panel

Flush to outside of panel

Fig. A

3" (7,6 cm)
Screws angled into top plate

Flush to inside of panel

Fig. B
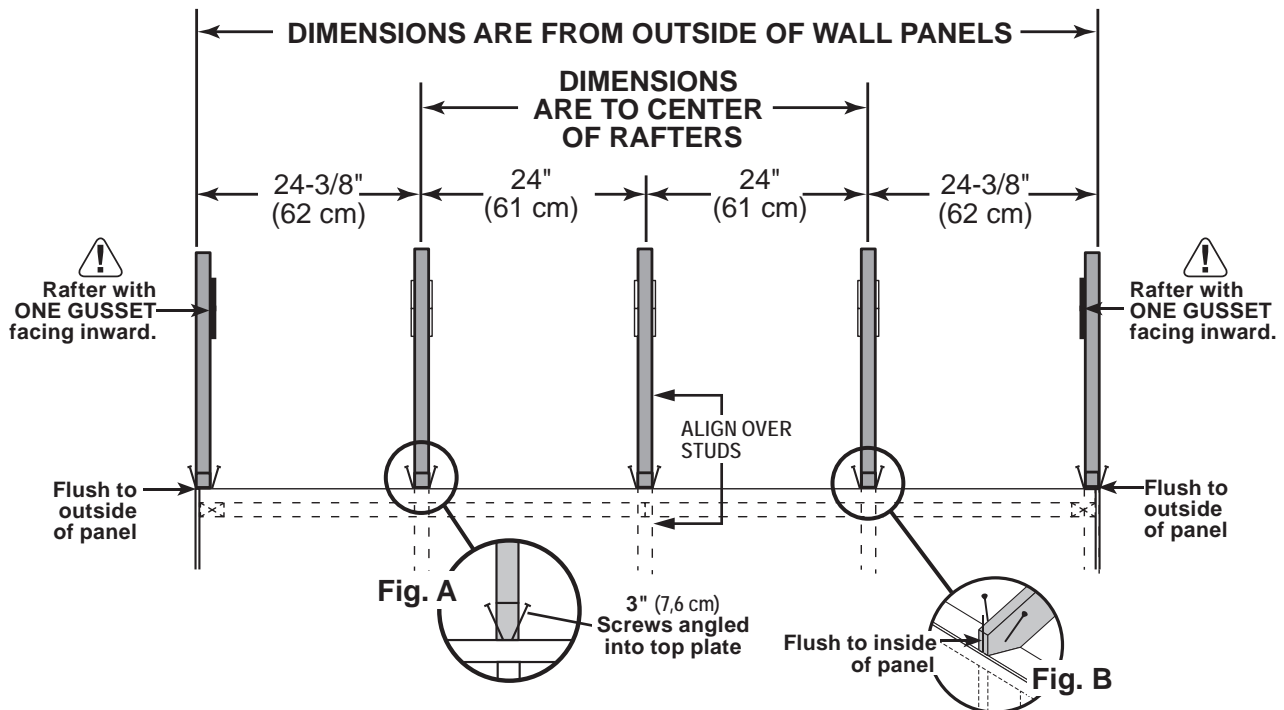
🏁**FINISH**
Your rafters are now installed.

26

GABLE UNITS

PARTS REQUIRED:
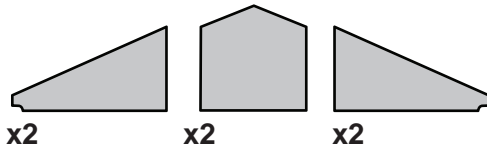
x24 1-1/2" (3,8cm)

x2   x2   x2   x4 AF
2 x 4 x 18-1/8" (5,1 x 10,2 x 46 cm)
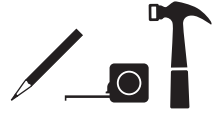
Install gable panels with the primed side facing up.

✓ **BEGIN**

1 Orient parts **AF** on the flat side, as shown.
Measure and mark the center of the middle gable panel. Secure with 1-1/2" nails spaced 6" apart along edge.

2 Place left panel on **AF** flush to installed gable panel and secure with 1-1/2" nails spaced 6" apart along edge.

Repeat STEP 2 for right panel.

Repeat STEPS 1 - 3 to build the 2nd gable unit.

3-1/2"
(8,9 cm)

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

AF

6"
(15,2 cm)

AF

2-1/2"
(6,4 cm)

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

Flush   **Flush**

6"
(15,2 cm)

**2" Nails
(5,1 cm)**

2-1/2"   **Flush**   **Flush**   2-1/2"
(6,4 cm)   (6,4 cm)

Mark

🏁 **FINISH**
Your gable units are now installed.

27

GABLE INSTALLATION

PARTS REQUIRED:

x2

Pre - assembled

x8   3" (7,6 cm)

x90   2" (5,1 cm)
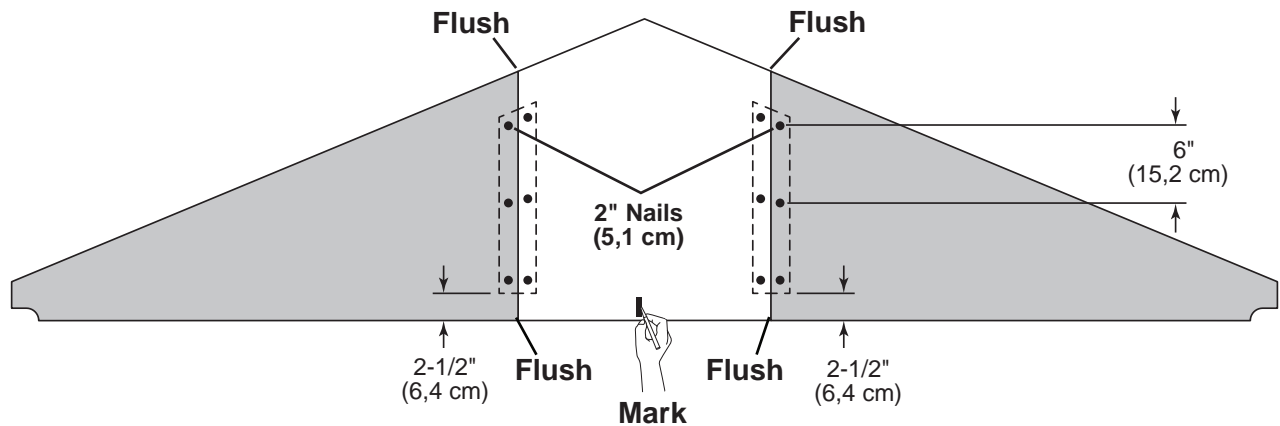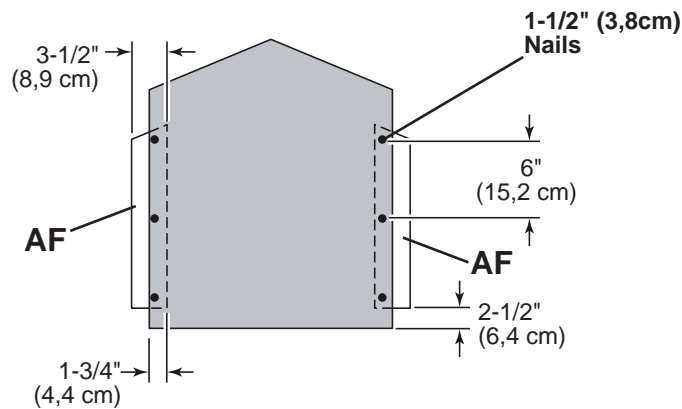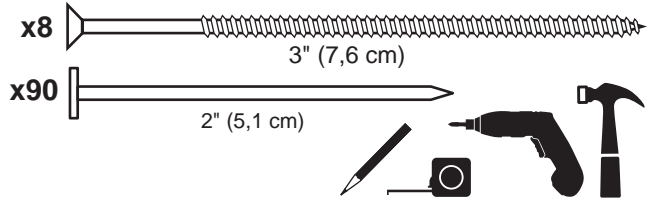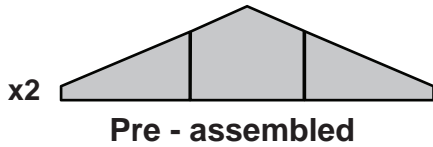
✓**BEGIN**

1 Measure 2-9/16" down from top plate doubler and mark at each side as shown.
Set gable unit on top plate. Fasten with (1) 2" nail on each side.

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

2 Continue nailing lower edge of panels to wall doubler with 2" nails spaced 6" apart.

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

AF

NAIL FIRST
2" (5,1 cm)

2-9/16"
(6,5 cm)
**Measure and
Mark**

DOUBLER

6"
(15,2 cm)

2-9/16"
(6,5 cm)
**Measure and
Mark**

NAIL FIRST
2" (5,1 cm)

Fig. A

3" (7,6 cm)
Screws
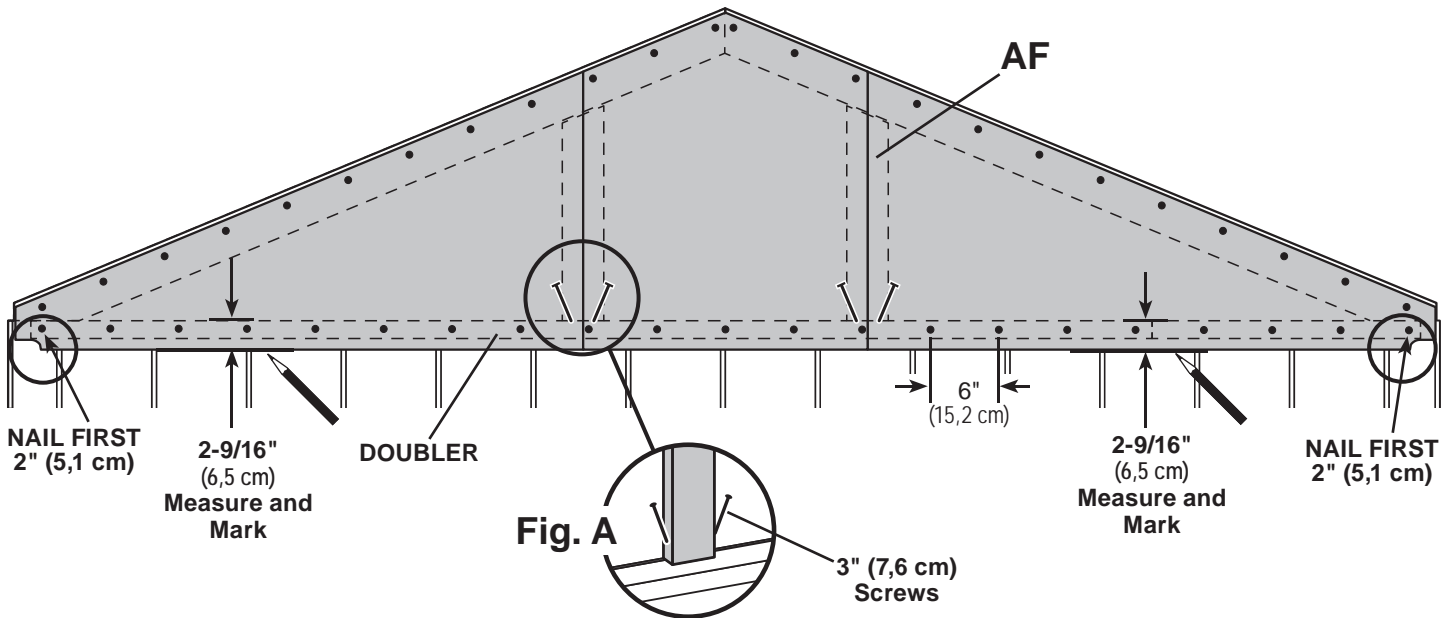
4 Continue securing panels to rafter with 2" nails spaced 6" apart.

Repeat STEPS 1 - 4 to install the opposite side gable unit.

🏁**FINISH**
Your gable units are now installed

ROOF PANELS

PARTS REQUIRED:

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

GAA
3/4" GAUGE BLOCK

x4 — 2" (5,1 cm)
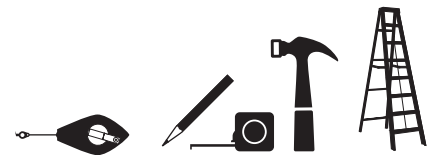
⚠ **Roof panels may cause serious injury until securely fastened.**
Note: Install all roof panels with the rough side up (painted grid lines).

✓**BEGIN**

1

Place the **48" x 96"** panel on rafters with a 1/2" measurement on the gable end rafter **(Fig. A)**, and with the panel flush at the peak **(Fig. B)**.

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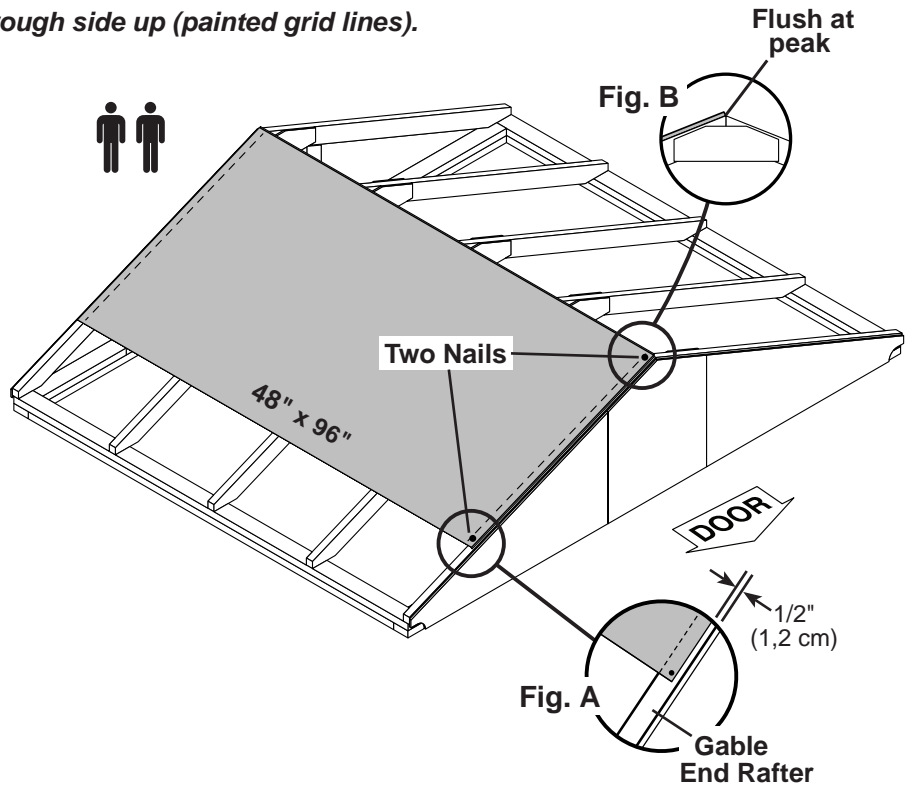
Flush at peak

Fig. B

Two Nails

48" x 96"

DOOR

Fig. A

1/2"
(1,2 cm)

Gable End Rafter

2
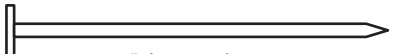
Move to the opposite end.
Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak **(Fig. B)** and there is a 1/2" measurement on the gable end rafter **(Fig. C)**.

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

Flush at peak

Fig. B

Two Nails

1/2"
(1,2 cm)

Fig. C

Gable End Rafter

DOOR

PARTS REQUIRED:

x10 ⬛ 2" (5,1 cm)

x1 23-1/2" x 96"
(59,7 x 243,8 cm)
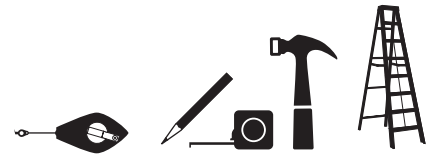
3

Install **23-1/2" x 96"** roof panel flush
to the installed panel and there is a
1/2" measurement on the gable end
rafter **(Fig. A)**.

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

**2" (5,1 cm)
Nails**

Flush

23-1/2" x 96"

DOOR

Fig. A

**Gable
End Rafter**

1/2"
(1,2 cm)
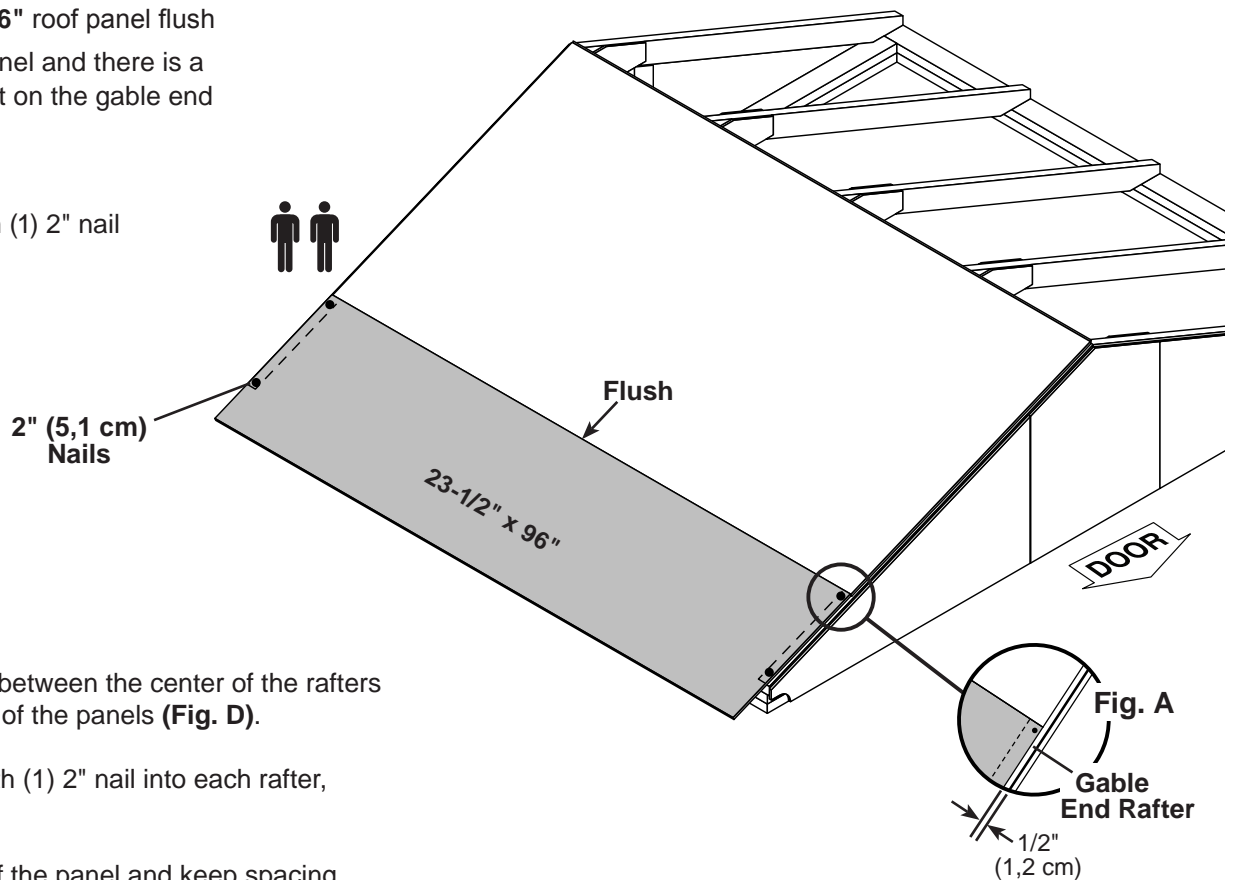
4

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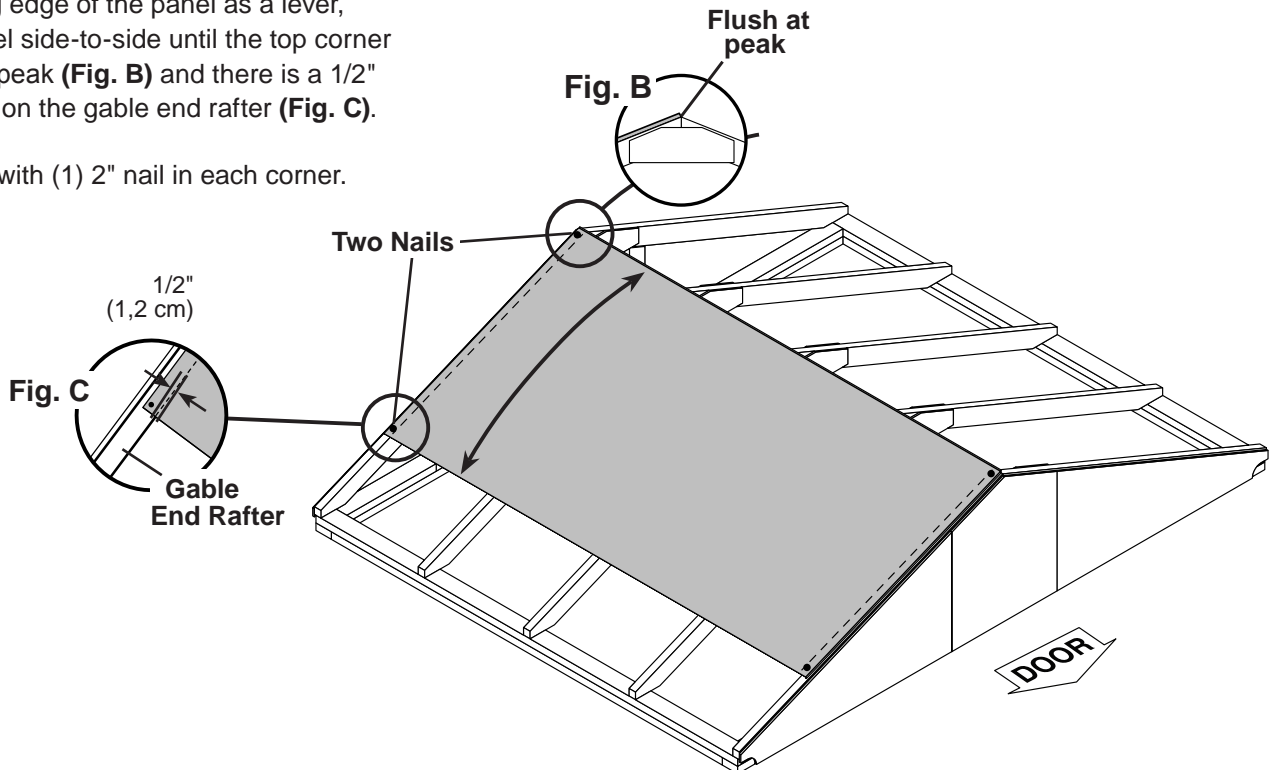at the lower edge of the panels **(Fig. D)**.

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

Move to the top of the panel and keep spacing
between the center of the rafters.

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

Fig. D

NOTE: Measurements from inside of gable panels

24-3/8"
(61,9 cm) | 24"
(60,9 cm) | 24"
(60,9 cm) | 24-3/8"
(61,9 cm)

2" (5,1 cm) Nails

PARTS REQUIRED:

x82

2" (5,1 cm)

5 Secure all roof panels with 2" nails spaced 6" apart and 12" apart inside of the 48" wide panel.

6"
(15,2 cm)

12"
(30,5 cm)
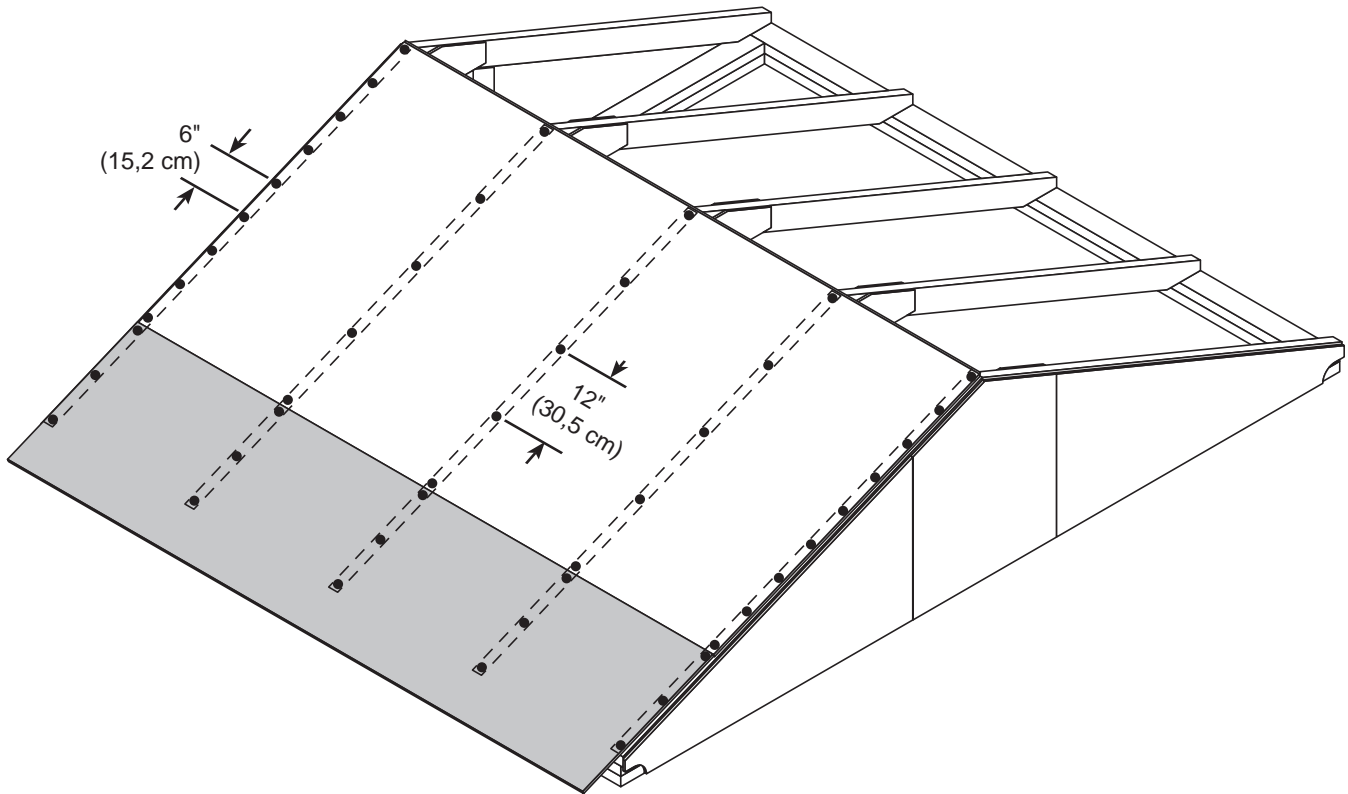
Repeat steps to install roof panels on the opposite side.

FINISH
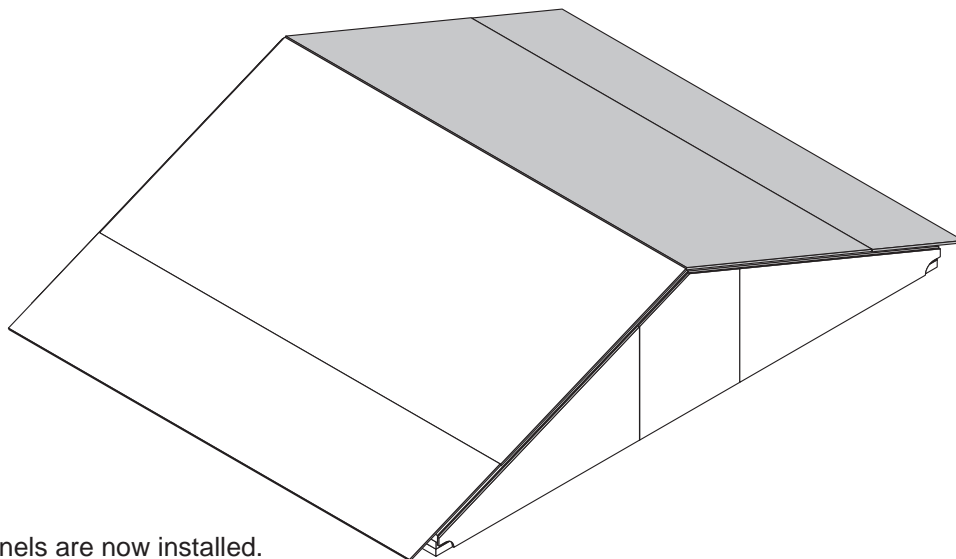
Your roof panels are now installed.

GABLE TRIM

PARTS REQUIRED:

x48 ▭——————————▷
2" (5,1 cm)

x2 ⬡ **AUR**
19/32" x 3-1/2" x 71-15/16" (1,5 x 8,9 x 182,7 cm)

x2 ⬡ **AUL**
19/32" x 3-1/2" x 71-15/16" (1,5 x 8,9 x 182,7 cm)
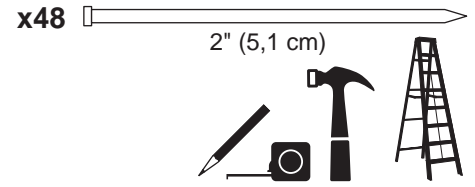
✓**BEGIN**

1 Install front gable trim **AUR** and **AUL** flush to top of roof panel and flush at peak, as shown **(Fig. A)**.
Secure trim with 2" finish nails 7-1/4" apart.

Repeat above steps to secure the back wall gable trim.

Fig. A

Flush ➝

Roof Panel

Flush to top of panel   **Flush**

2" Nails (5,1 cm)

AUR

AUL
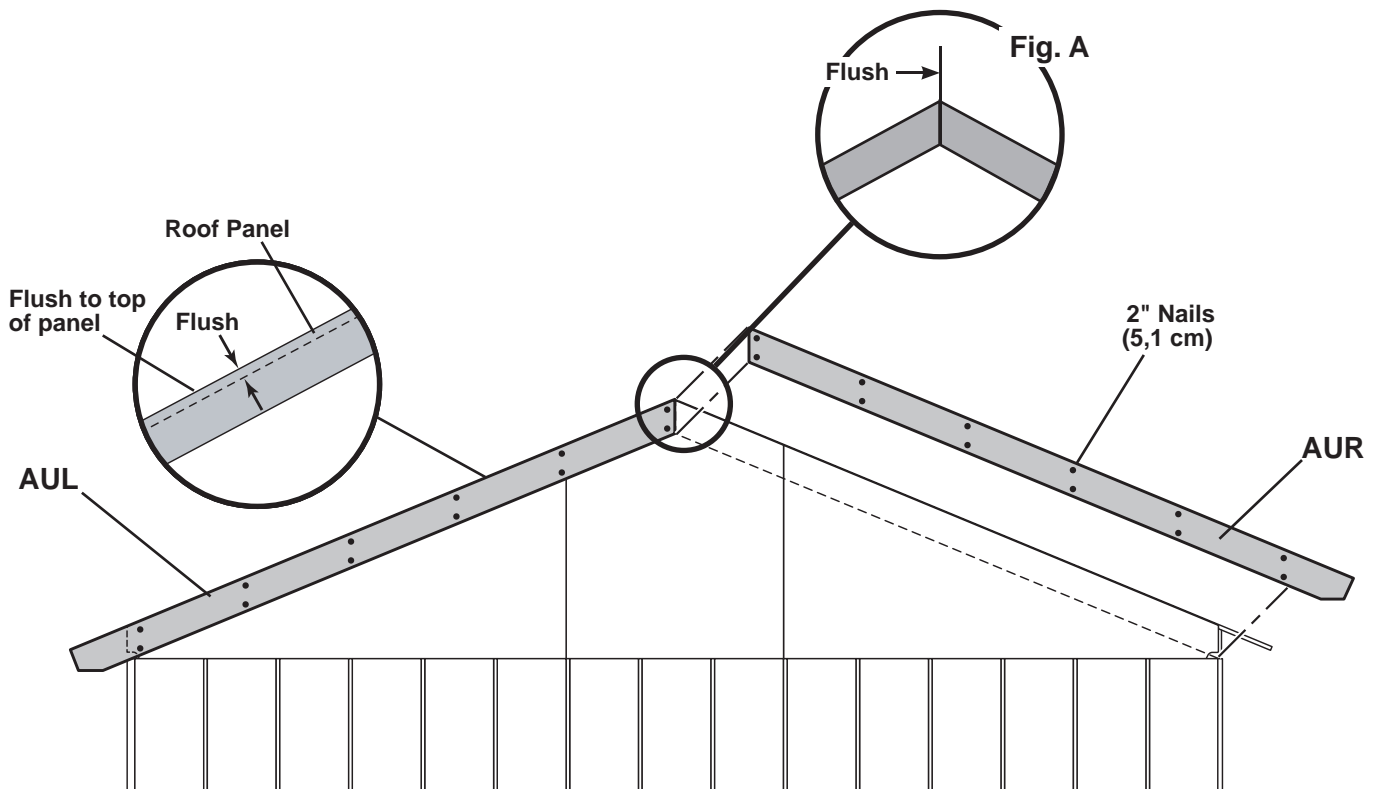
🏁**FINISH**
Your gable trim is now installed.

EAVE TRIM

PARTS REQUIRED:

x2 | VF
2 x 6 x 48" (5,1 x 15,2 x 121,9 cm)

x2 | AS
2 x 6 x 49-1/2" (5,1 x 15,2 x 125,7 cm)

x8 3" (7,6 cm)

x48 1-1/4" (3,2 cm)

3/32" (2,4 mm) Drill Bit
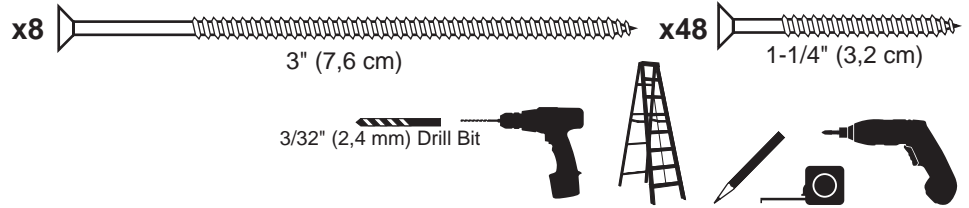
√**BEGIN**

1. Place **VF** eave trim flush along edge of roof panel **(Fig. A)**.
   Screw through roof panel into **VF** with 1-1/4" screws spaced approximately 7-1/2" apart, as shown.

2. Install **AS** flush to edge of roof panel and flush to installed eave trim **VF**.
   Screw through roof panel into **AS** with 1-1/4" screws spaced approximately 7-1/2" apart.

3. Secure **AS** and **VF** to gable trim with (2) 3" screws into board ends.
   (Pre-drill using a 3/32" drill bit.)

   Repeat installation on opposite side.

Flush

Fig. A

AS

VF

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

1-1/4" (3,2 cm) **Screws**

7-1/2" (19,1 cm) apart approximately

AS

49-1/2" (125,7 cm)

48" (121,9 cm)

VF
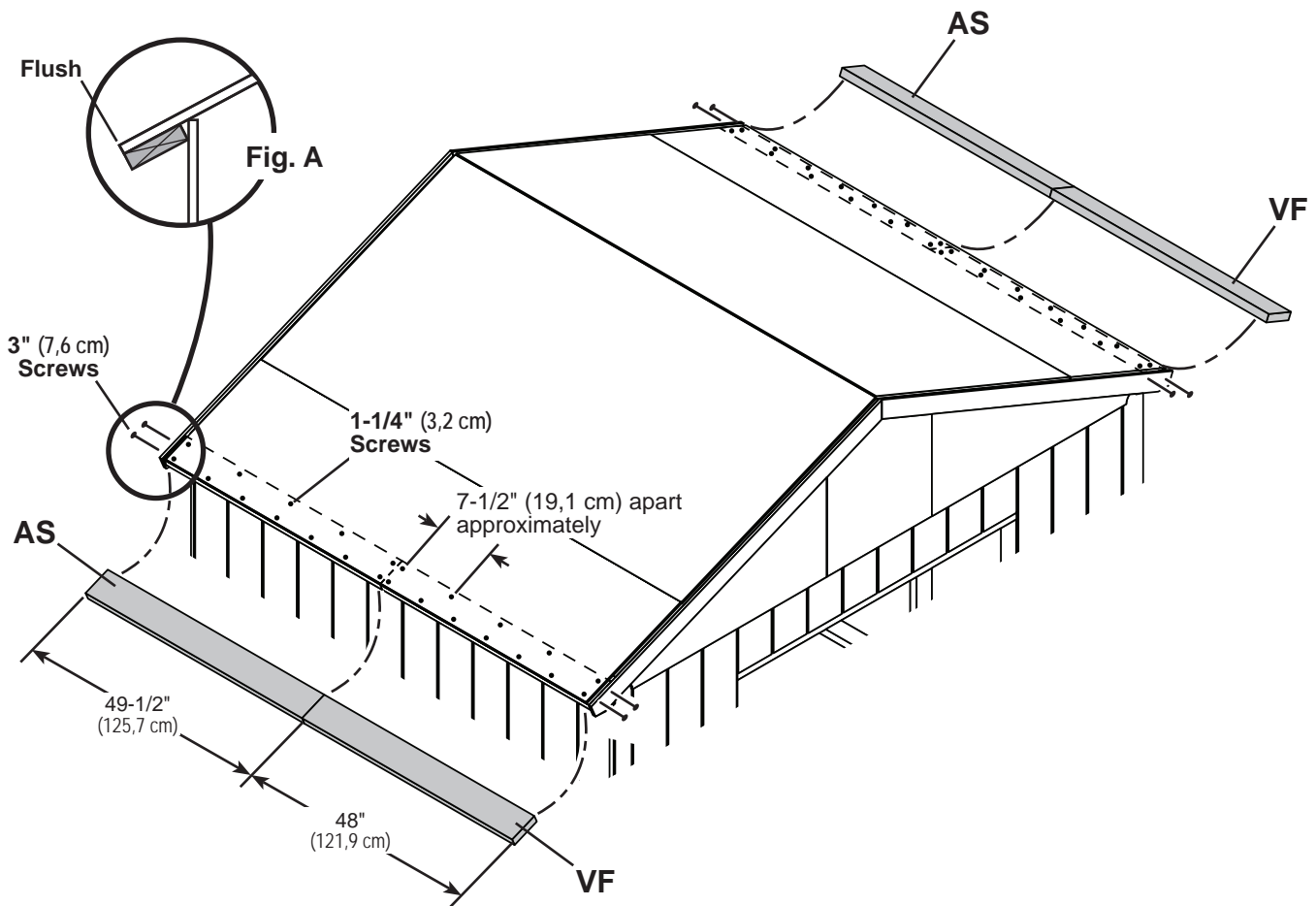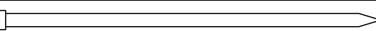
🏁 **FINISH**
   Your eave trim is now installed.

33

CORNER TRIM

PARTS REQUIRED:

x64 ⬡———————————————————⬡
2" (5,1 cm)

x8 ⬡————————————————————⬡
3/8" x 1-3/4" x 83-1/2" (1 x 4,5 x 212.1cm)

✓**BEGIN**

1 Install gable end **83-1/2"** corner trim under gable panel, **(Fig. A)** and flush to eave wall panel **(Fig. B)**. Secure with 2" finishing nails spaced evenly.

2 Install eave side **83-1/2"** corner trim flush to eave soffit and flush along seam of installed corner trim **(Fig. C)**. Secure with 2" finishing nails spaced evenly.

Fig. B

Flush to eave panel

83-1/2"
(212,1 cm**)**

Fig. A

Flush to eave soffit

Flush to gable panel

10-3/4"
(27,3 cm)

2" (5,1 cm) Finishing Nails

83-1/2"
(212,1 cm**)**

Fig. C

Seam is flush. Caulk seam before painting trim.
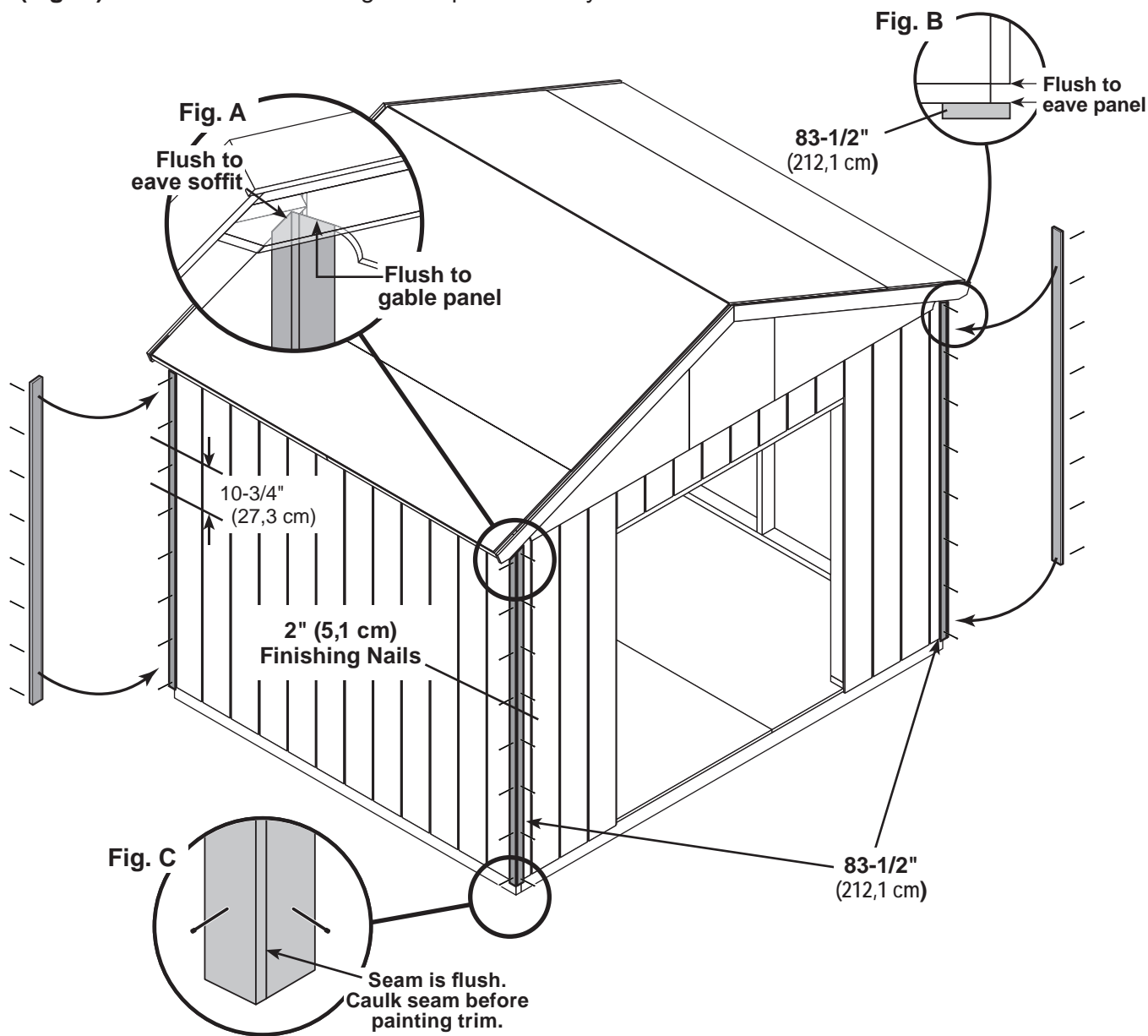
Repeat STEPS 1 - 2 for each corner of shed.

🏁**FINISH**

Your corner trim is now installed.

34

PARTS REQUIRED:

x1 Left Door

x1 Right Door
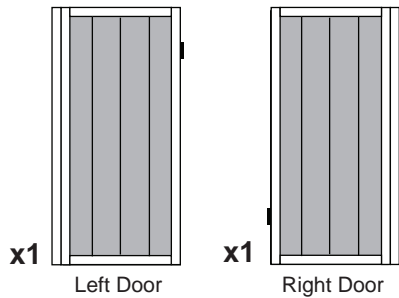
x4 — 3" (7,6 cm)

x2 — 1-1/4" (3,2 cm)

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

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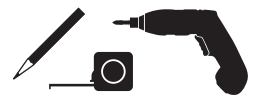
✓**BEGIN**

1 Place doors on flat surface. **3/8" offset is to top.**
Look for red (right) and green (left) on hinge board.
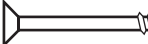
Attach temporary supports **OO** and **GAA** as shown.

GREEN   **RED**

⚠ **OFFSET** 3/8"
(1 cm)

3/8" ⚠
(1 cm)

3/8" **OFFSET** ⚠
(1 cm)

**(4) 3" (7,6 cm)
Screws**

OO

**(2) 1-1/4" (3,2 cm)
Screws**

GAA

Bottom edges flush.

3/8"
(1 cm)
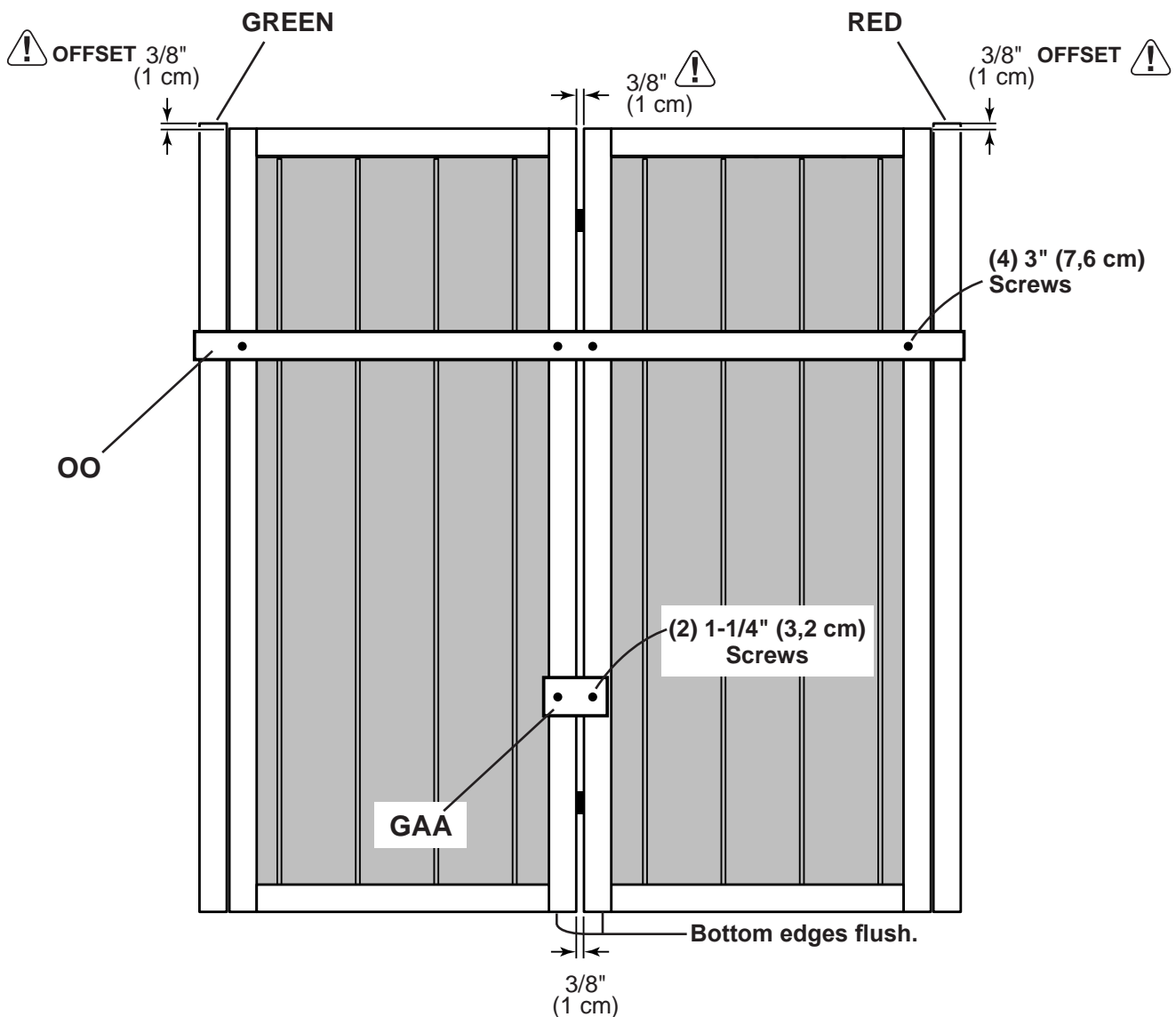
DOORS

PARTS REQUIRED:

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

x12
3" (7,6 cm)
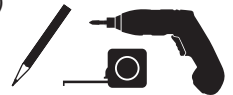
2 Install **OO** flush under panels.
Secure to floor frame with (2) 3" screws **(Fig. A)**.
Mark center of door opening.

Fig. A

Flush ⚠
against wall panels

OO

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

OO
TEMPORARY SUPPORT
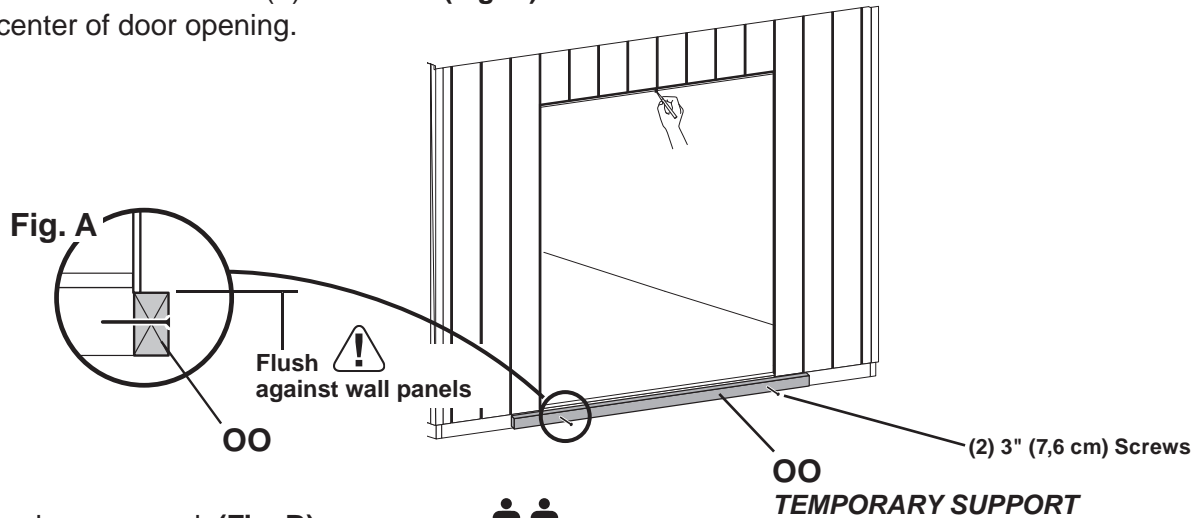
3 Center doors on mark **(Fig. B).**

4 Screw hinge boards into wall supports with (10) 3" screws, as shown.
⚠ **Make sure screws go into framing**.

⚠ Center 3/8" measurement on mark.

Fig. B

3/8"
(1 cm)

**(5) 3" (7,6 cm)
Screws
in door stud**
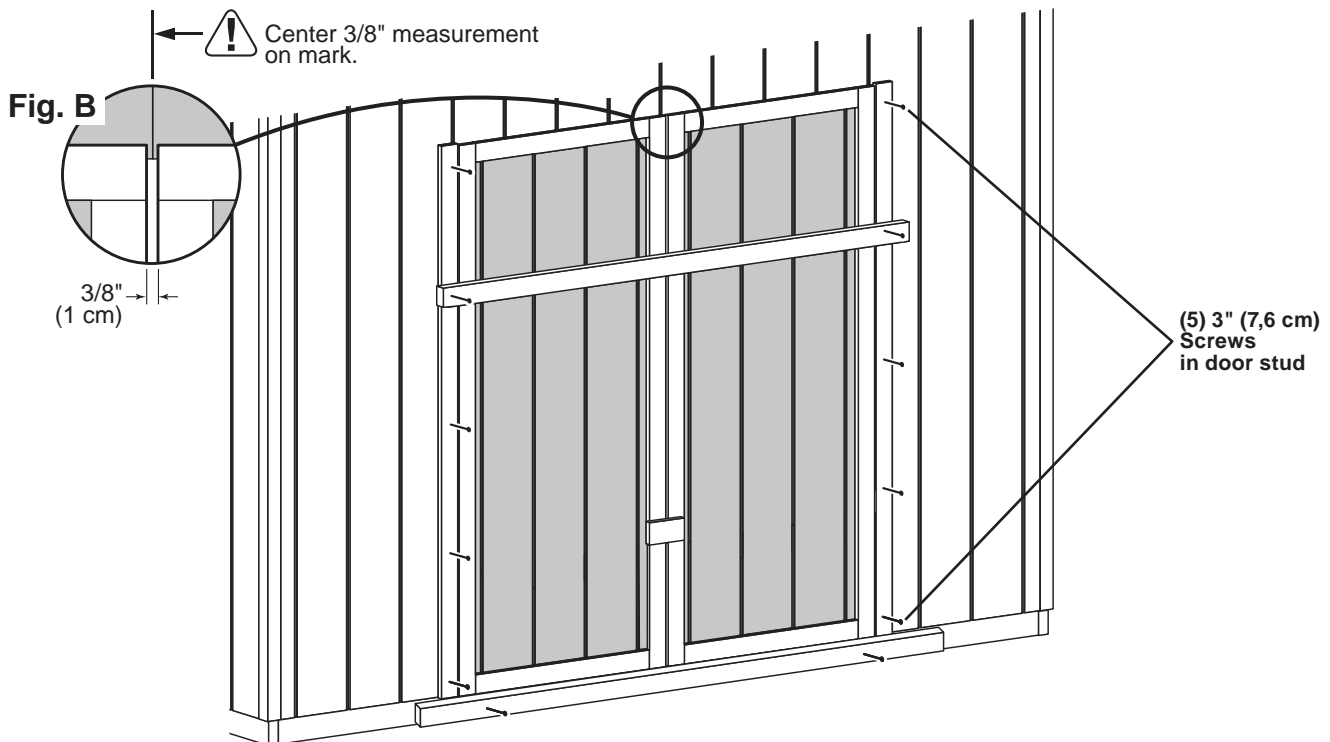
Remove temporary supports and check to make sure doors open and close properly.

FINISH
Your doors are now installed.

36

DOORS

PARTS REQUIRED:

x2 **AH**
19/32" x 2-1/2" x 26 5/8" (1,5 x 6,3 x 67,6 cm)

x2 **MDR**
19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)

x2 **MDL**
19/32" x 2-1/2" x 39-7/8" (1,5 x 6,3 x 101,3 cm)

x1 **ZJ**
19/32" x 2-1/2" x 72" (1,5 x 7,6 x 182,9 cm)

x7 2" (5,1 cm)

x62 3/4" (1,9 cm)

✓ **BEGIN**
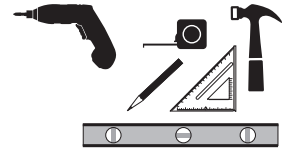
You have 3 options for door trim, see Fig. C.

1. Arrange trim **AH**, **MDL** and **MDR** as shown.
   Square **AH** before fastening.
   Fasten trim to each door from inside with 3/4" screws
   (Fig. A, Fig B).

2. Center trim **ZJ** over doors and secure
   with (7) 2" finishing nails into framing, as shown.

Fig. C

CENTER

CENTER

AH

Trim Option 2   Trim Option 3

Customize your door trim; use 1 of 3 options:
Assembly for Option 1 is shown in Fig. A.
If you choose Option 2, reverse MDL and MDR.
If you choose Option 3, center AH horizontally.
Follow steps 1 and 2.
Add or subtract more screws as needed.

2" (5,1 cm)
Finishing Nails

CENTER   **ZJ**

MDL

MDR

Fig. A

Trim Option 1

AH

MDR

3/4" (1,9 cm)
Screws

MDL

Fig. B

MDL or MDR

CENTER

AH

CENTER

MDL or MDR

🏁 **FINISH**
Your door trim is now installed.

DOOR STIFFENERS

PARTS REQUIRED:

x14 ⟩〰〰〰〰〰〰〰〰〰〰〰〰〰〰〰▷
2" (5,1 cm)

x2 ▭ **OO**
69" (175,3 cm) Door Stiffener

✓**BEGIN**

1 Center **OO** vertically on the left door in the doorway **(Fig. A)** overlapping 1" (2,5 cm) along the edge of door **(Fig. B)**.
Secure with (7) 2" screws through outside trim into **OO**.

2 Center **OO** vertically on the right door in the door opening offset 1" (2,5 cm) from the edge of door **(Fig. B)**.
Secure with (7) 2" screws through outside trim into **OO**.

Fig. A

Center OO in door opening.

⚠️ **IT IS IMPORTANT TO HOLD THESE DIMENSIONS**

Fig. B

1" (2,5 cm)

OO

1" (2,5 cm) **OFFSET**

2" (5,1 cm) Screws

12" (30,5 cm) Approx.

2" (5,1 cm) **Screws x14**
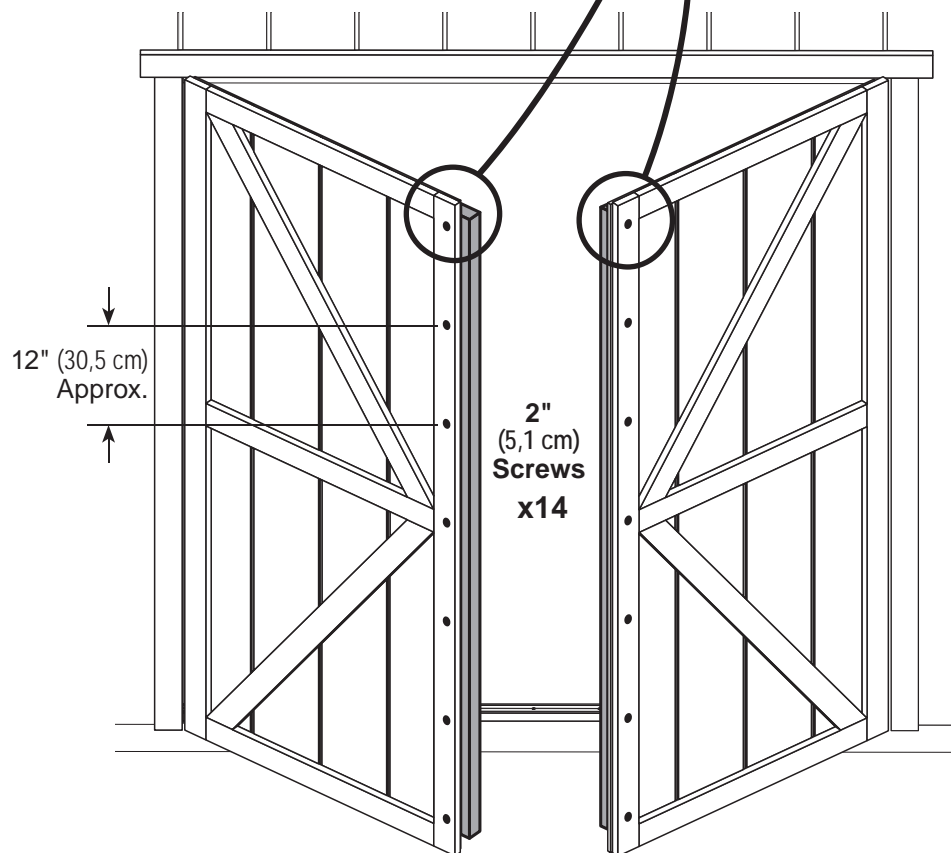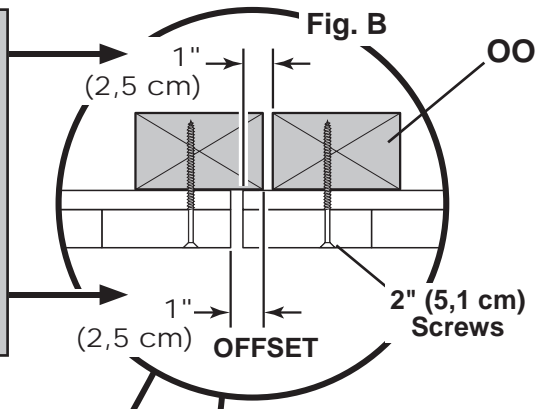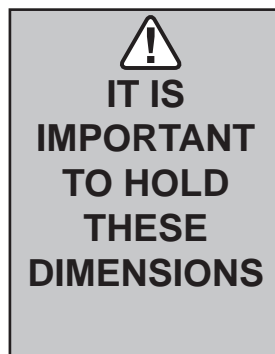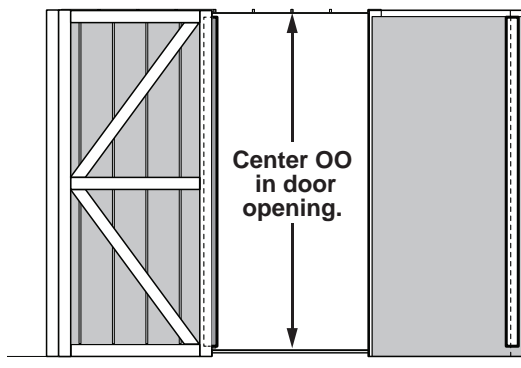
🏁 **FINISH**
Your door stiffeners are now installed.

DOOR HARDWARE

PARTS REQUIRED:

x2   **x8** 3/4" (1,9 cm)   5/16" (7,9 mm) Drill Bit
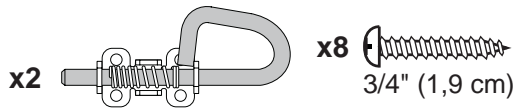
✓BEGIN

1   Place bolt on **OO** in open position with bolt end 3/8" (9,5 mm) down from frame.
Bolt is open when loop is contacting base **(Fig A)**.

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

Drill 5/16" (7,9 mm) hole deep enough for bolt to slide into.

3   Place bolt on **OO** in open position with bolt end 1/2" (12,7 mm) up from floor.
Bolt is open when loop is connecting base **(Fig. B)**.

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

Drill 5/16" (7,9 mm) hole deep enough for bolt to slide into.

**LEFT
DOOR**

Fig. A

OVER DOOR FRAME

5/16" (7,9 mm) drill for bolt: 1" (2,5 cm) deep.

3/8" (9,5 mm) with bolt in open position.

OO

x4

PRE-DRILL (4) HOLES

OPEN POSITION Spring is loose.

Loop contacts base

Fig. B

OO

Loop contacts base

PRE-DRILL (4) HOLES

OPEN POSITION Spring is loose.

x4

FLOOR   1/2" (12,7 mm)   **5/16" (7,9 mm) drill for bolt: 1" (2,5 cm) deep.**
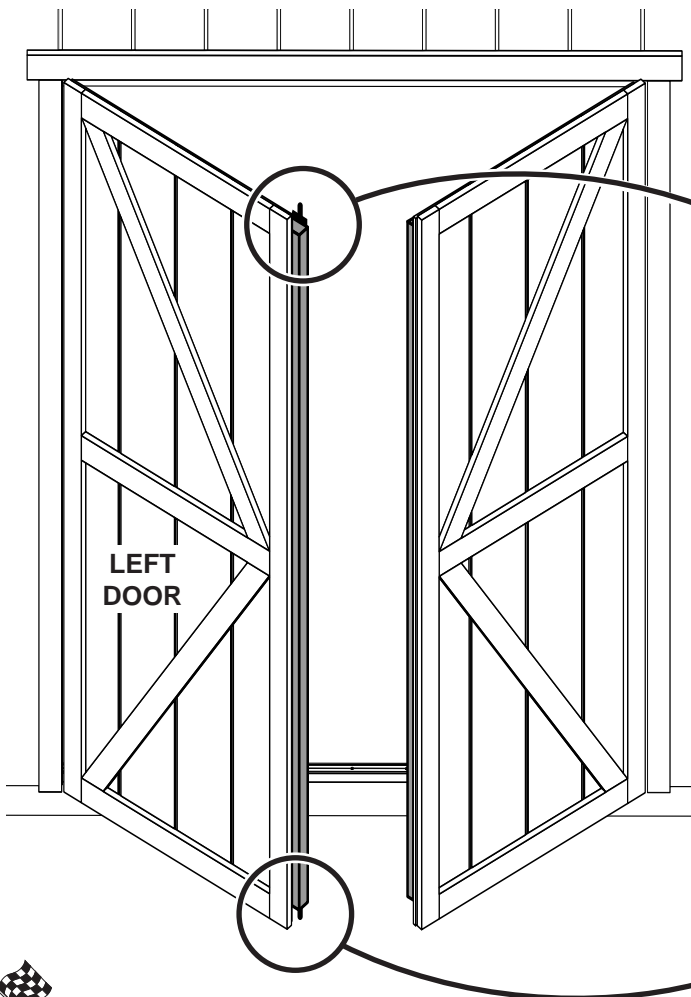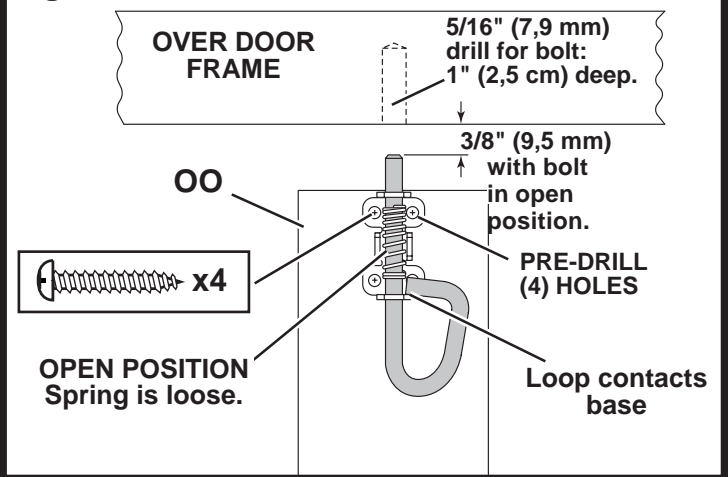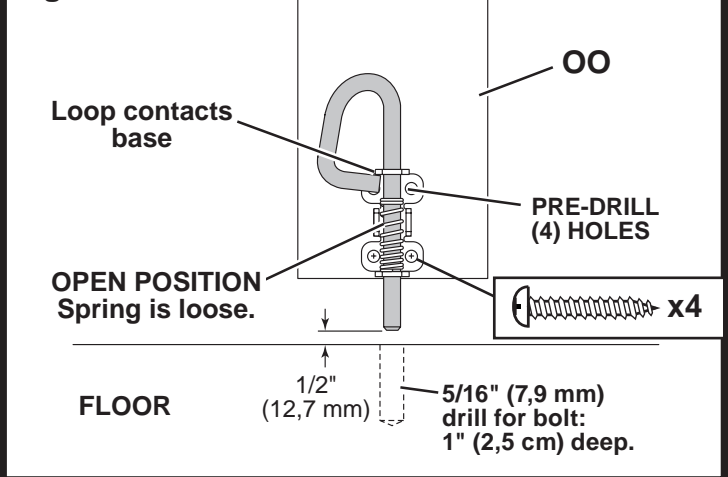
🏁FINISH
Your spring bolts are now installed.

39

DOOR HARDWARE

PARTS REQUIRED:

x1

x2 1-1/4" (3,2 cm) **x2** 1" (2,5 cm)

1/2" (13 mm) Drill Bit
1/4" (6 mm) Drill Bit

✓**BEGIN**

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

Re-drill hole with 1/2" drill.

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

RIGHT DOOR

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

35-3/4" (90 cm)

TOP VIEW **Fig. A**

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

1/4" Pre-drill and 1/2" Drill through.
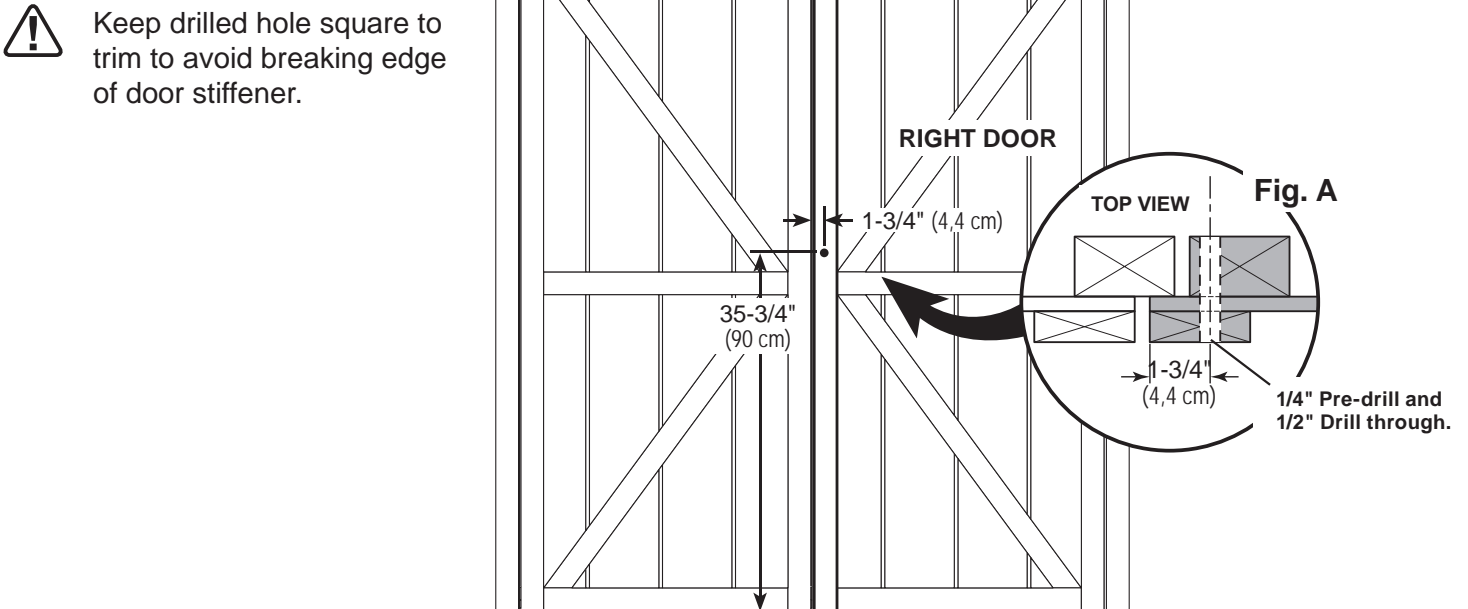
2 Secure backplate with 1" screws and handle with 1-1/4" screws as shown.

1" (25 mm) x2

1-1/4" (32 mm) x2

🏁**FINISH**
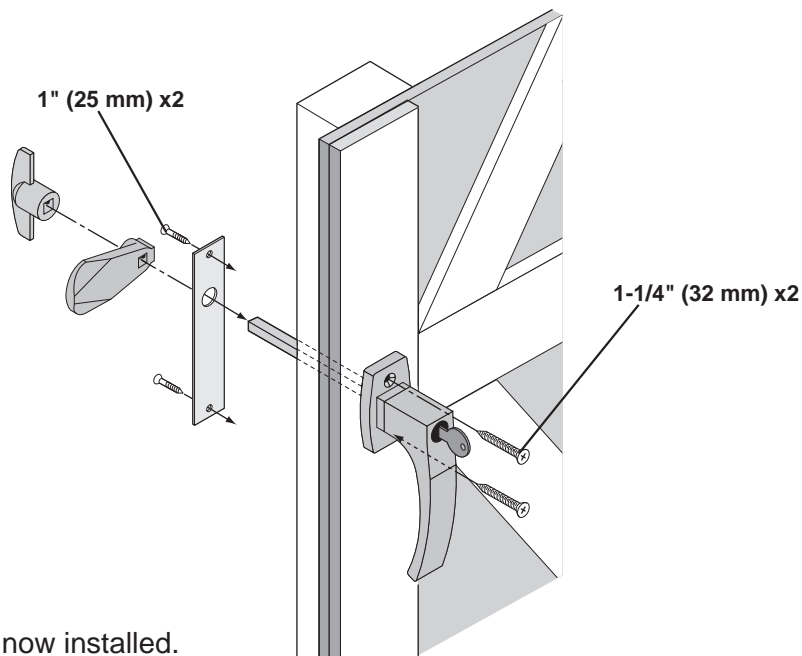
Your door handle is now installed.

40

COLLAR TIE

PARTS REQUIRED:

x6 ⊢————————————————▷
3" (7,6 cm)

x1 | TM
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
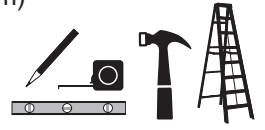
✓**BEGIN**

1 Install collar tie **TM** to the 2nd rafter from the back wall with (3) 3" nails at each end.

Flush to panel

TM

**3" (7,6 cm)
Nails**

Flush to panel

2nd
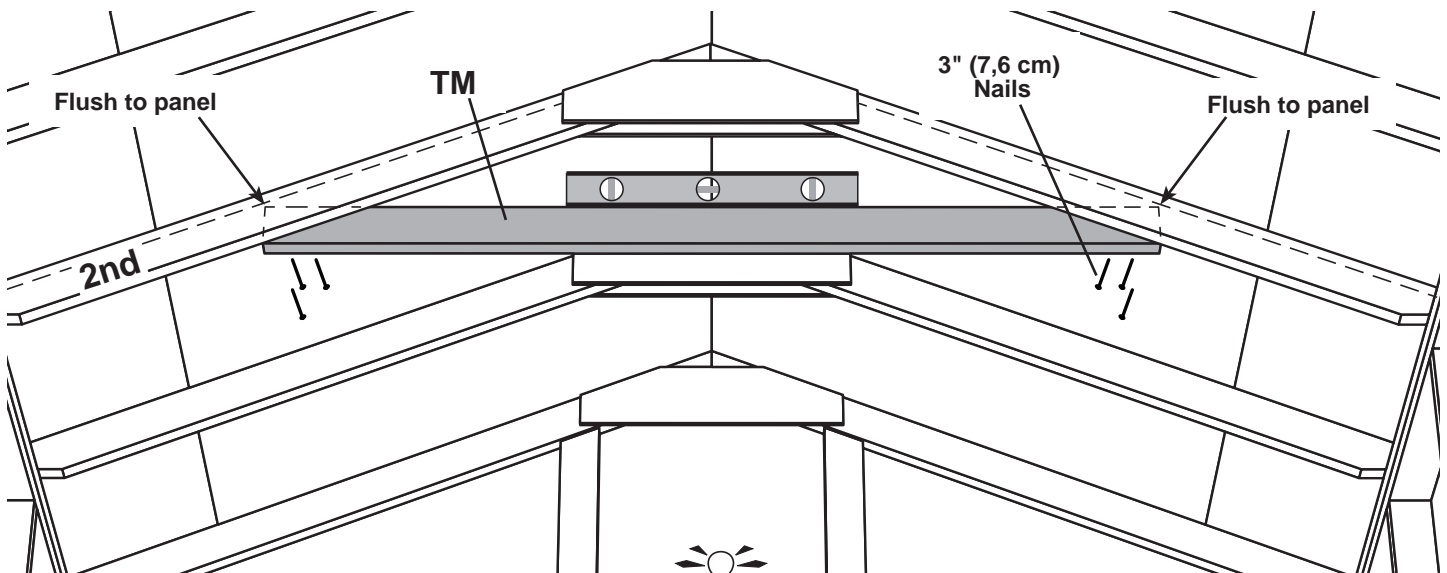
HINT: For best appearance,
install collar tie on back
side of rafter.

🏁**FINISH**
Your collar tie is now installed.

41

HOOK & EYE

PARTS REQUIRED:

x2
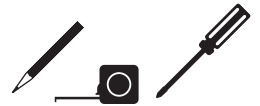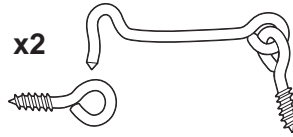
BEGIN

1 Install hooks in wall and into framing behind **(Fig.A)**.

2 Swing door open to locate eye.

Fig. A

Hook

Eye

Install hook into framing, if possible.
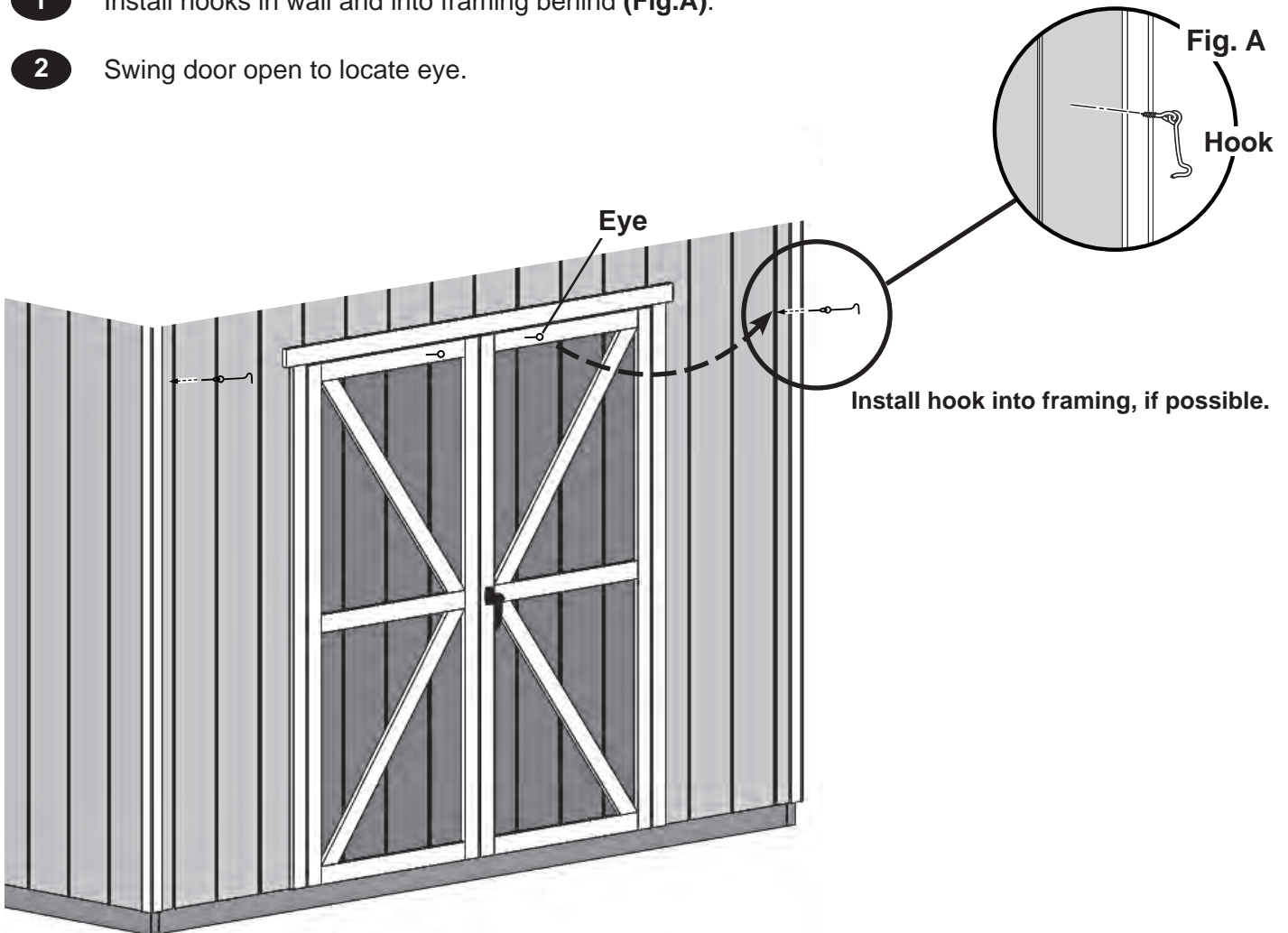
FINISH
You have installed your hook & eyes.

42

VENT (Not included in kit.)

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

x2 16" x 8"

x12 1/2" (13 mm)
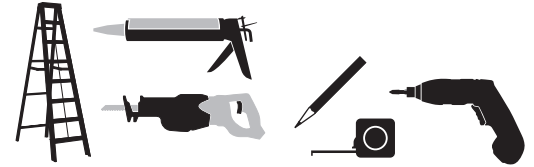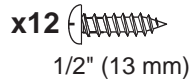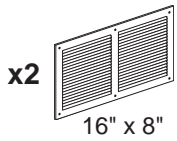
✓**BEGIN**

1 Locate and mark for two vents in side walls as shown;
(1) at top and (1) at bottom.

Cut out marked openings.

Caulk behind vent flanges.

Secure with 1/2" screws.

14"
(35,6 cm)

Caulk

6"
(15,2 cm)

3"- 5"
(7,6 - 12,7 cm)

**1/2" Screws
(1,3 cm)**

Caulk

**1/2" Screws
(1,3 cm)**

7"- 8"
(17,8 - 20,3 cm)

5"
(12,7 cm)

6"
(15,2 cm)

14"
(35,6 cm)
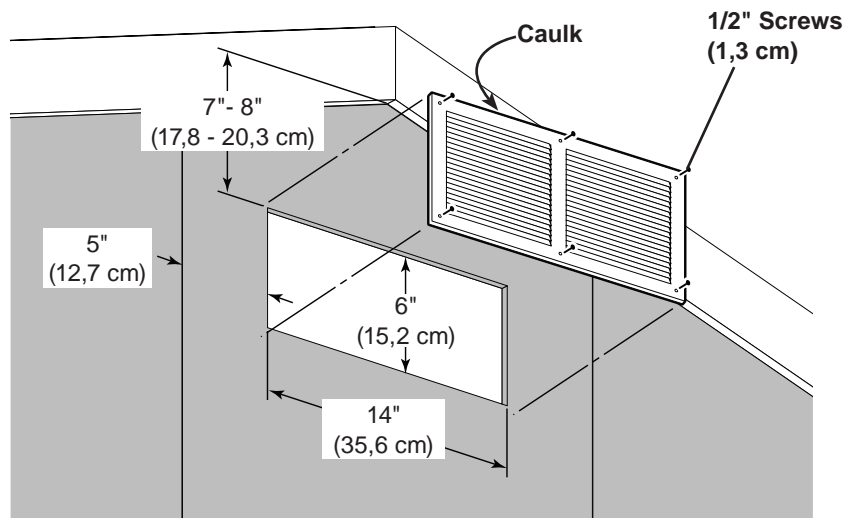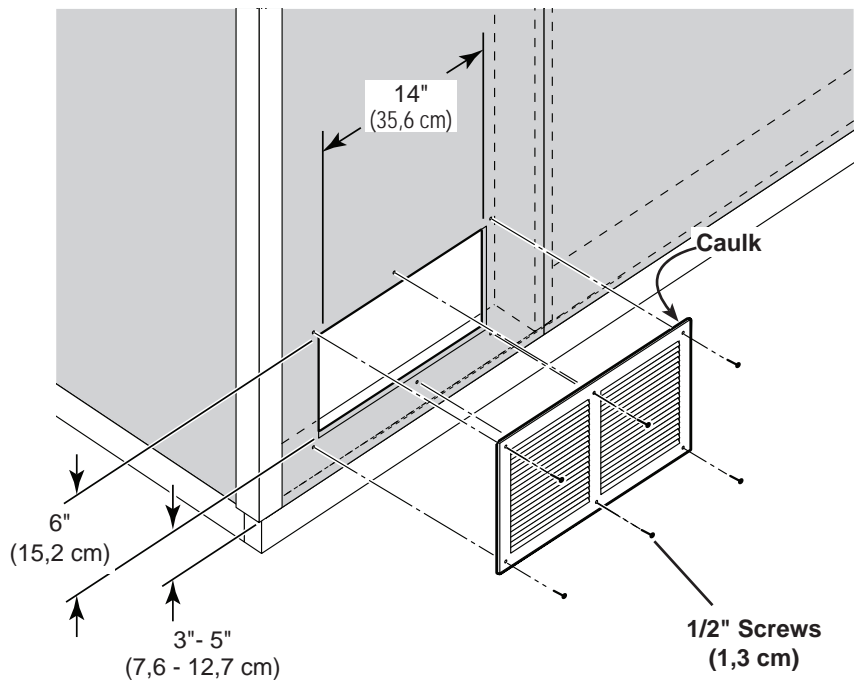
🏁**FINISH**
Your vents are now installed.

PAINT & CAULK
- NOT INCLUDED -

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

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

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

ROOF FELT
- NOT INCLUDED -

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

OK to overlap at ridge.

3" OVERLAP

Flush

Flush
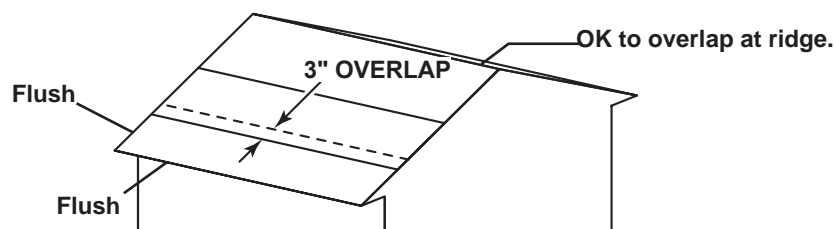
DRIP EDGE
- NOT INCLUDED -

• 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.

Roof felt

Fig. A

Drip edge

Drip edge

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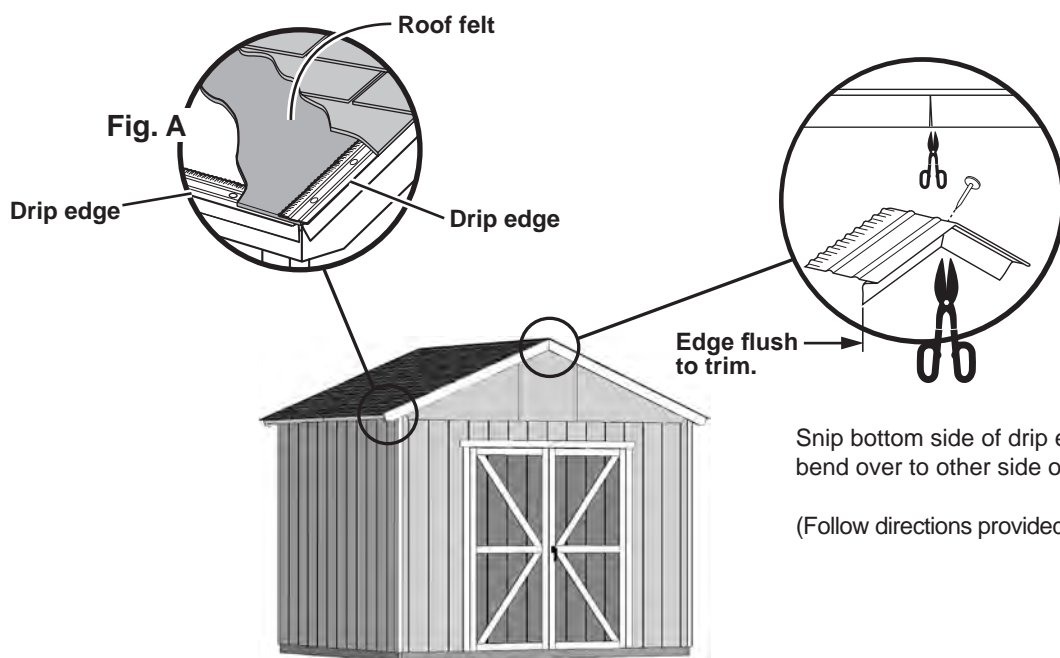
Snip bottom side of drip edge and bend over to other side of roof.

(Follow directions provided by manufacturer.)

SHINGLES
- NOT INCLUDED -

• **Follow directions provided by manufacturer and these instructions.**
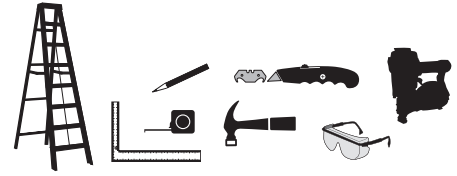
⚠ **Familiarize yourself with a 3-Tab Shingle.**

Notch   *SHINGLE NAIL PATTERN*   **Notch**

1"
(2,5 cm)   1/2"
(1,3 cm)   Sealing Strip   1"
(2,5 cm)

Half A Rain Slot

Full Rain Slot   **NAILS**
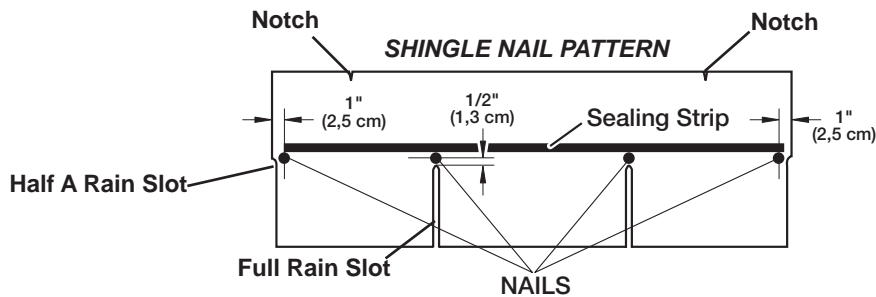
⚠ **NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

✓**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.

**FRONT OF
SHED**   **BACK OF
SHED**

(4) Nails   ⚠ **TABS UP**

1" (2,5 cm) overhang or flush
with drip edge.

**Shingle overlaps roof
decking.**   1" (2,5 cm) overhang
past roof deck.
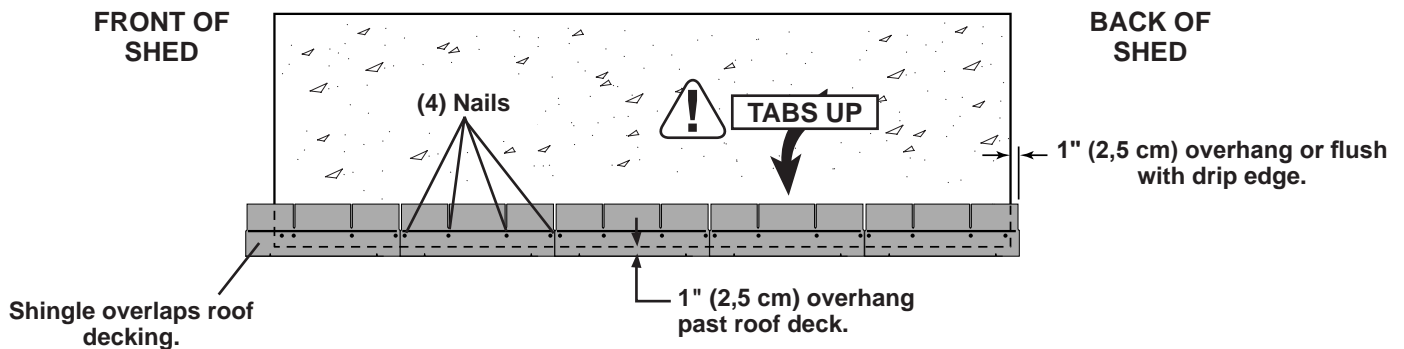
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.

Roof Deck

FRONT OF SHED

1" (2,5 cm)

Notch

- or -

Drip Edge

Notch

BACK OF SHED

Flush with starter row.

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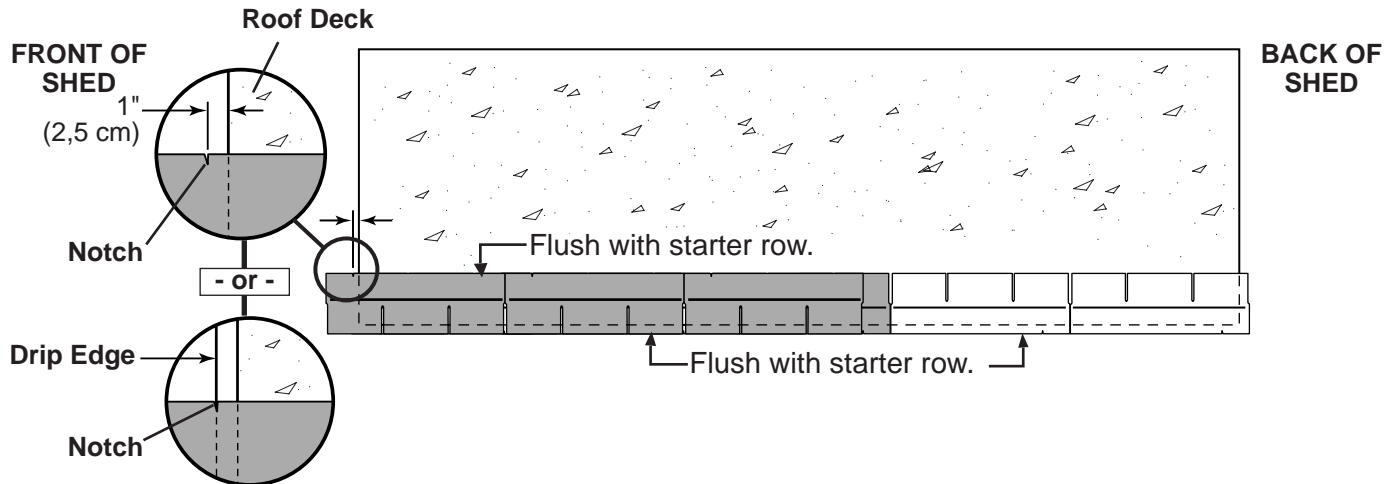
3 Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

FRONT OF SHED

BACK OF SHED

Bend in roof

1" (2,5 cm)

Notch

Flush with rain slots.

Flush with rain slots.
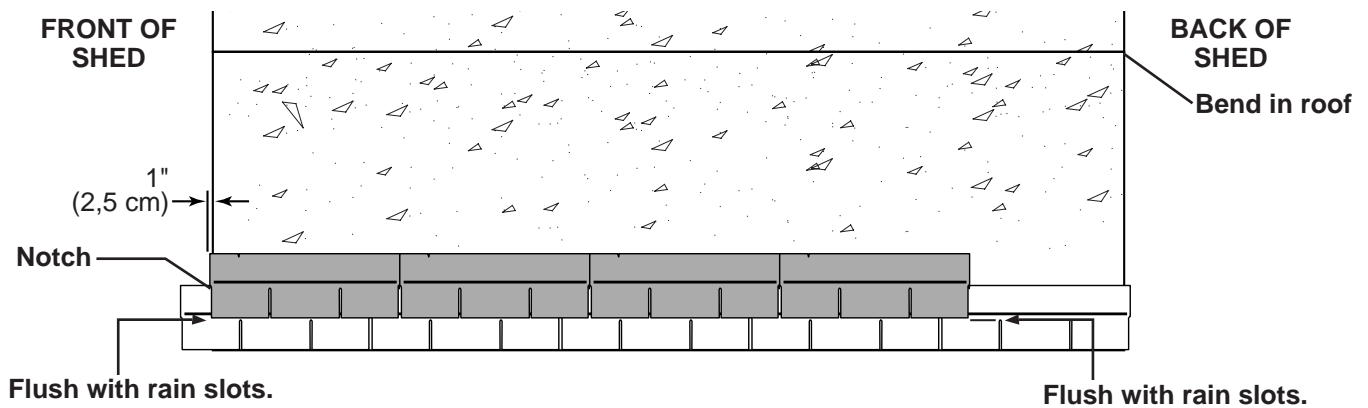
4 Continue installing rows of shingles by staggering at front.

1" (2,5 cm)

FRONT OF SHED

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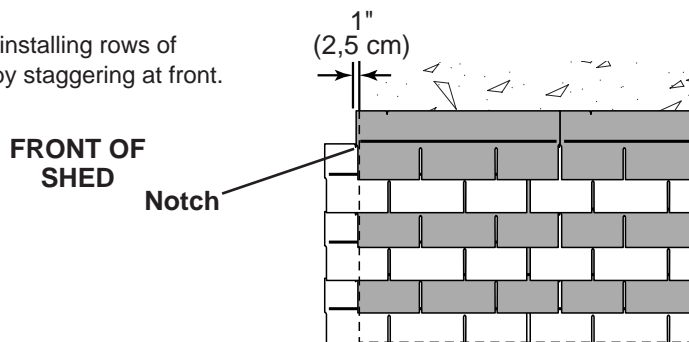
5 Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.

5"
(12,7 cm) MAX.

Cut Off.

Top of rain slot.

CUT

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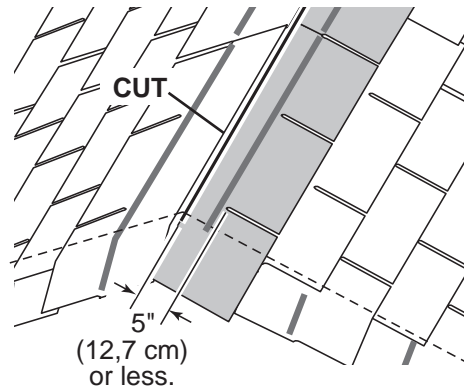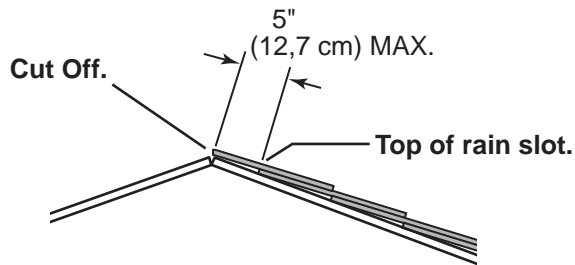
⚠ • If more than 5" to rain slot you must install another row of shingles.

6 Repeat steps 1 - 7 to shingle the opposite side of your roof. Trim shingles at ridge.

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

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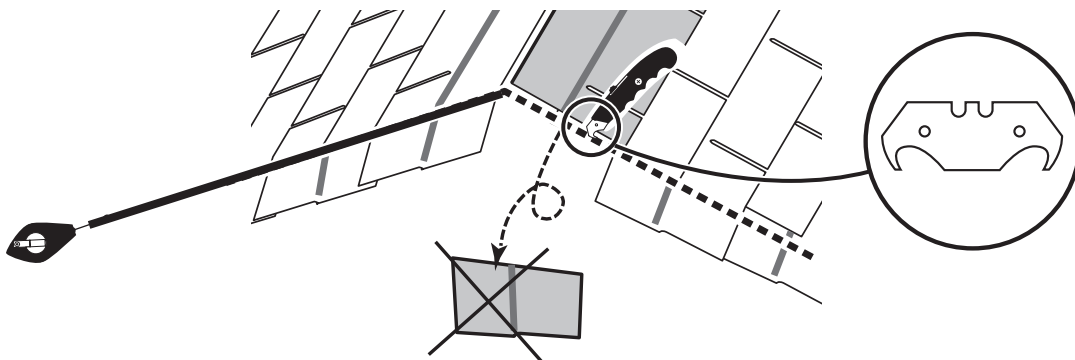
🏁 **FINISH**

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

SHINGLES - RIDGE CAP

• You will finish off the top of the roof with a ridge cap made from shingles.
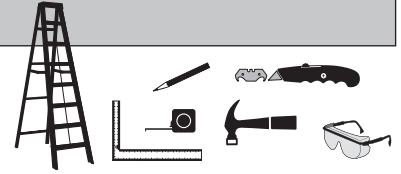
1 Cut shingles in THREE pieces.   Hint: Use cut-off pieces first.

2"
(5,1 cm)

2"
(5,1 cm)

2"
(5,1 cm)

2"
(5,1 cm)

2"
(5,1 cm)

2"
(5,1 cm)
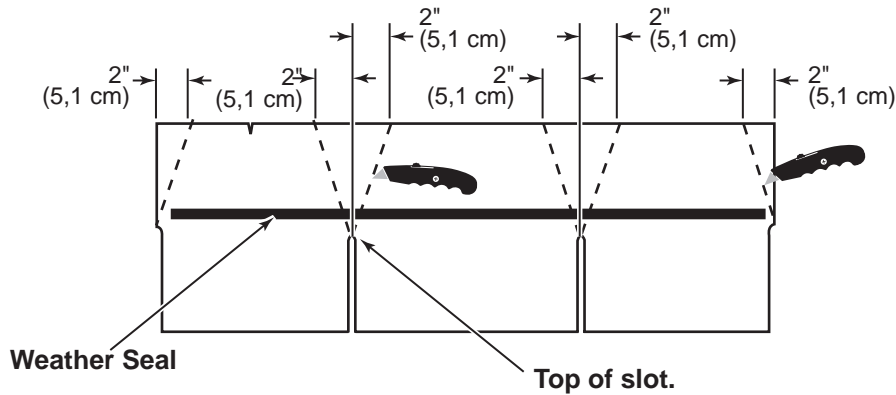
**Score shingle,
then snap-off angled cut.**

Weather Seal

Top of slot.

Note: • You will need about 21 - 23 cut pieces for 10' x 8' model

**21 to 23
Pieces**

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

(1) Nail per side through weather seal.

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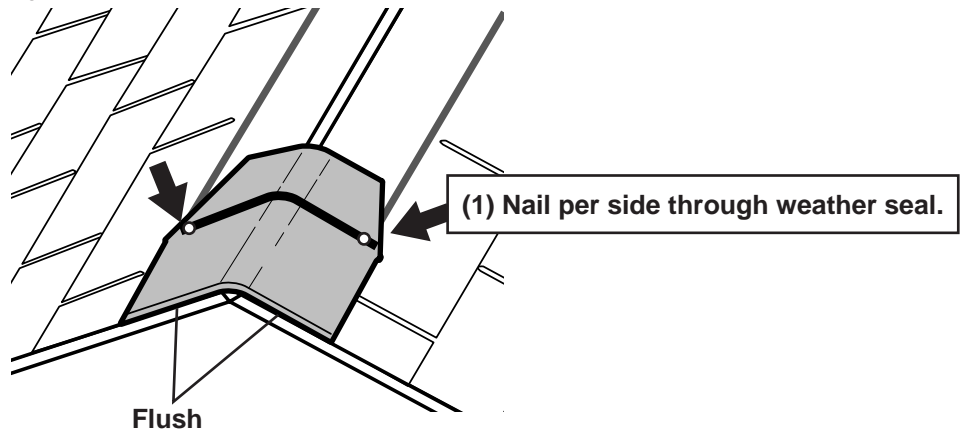
3 Install second ridge cap 5" back, as shown.

(1) Nail per side through weather seal.

5"
12,7 cm

Flush

FRONT OF
SHED

48
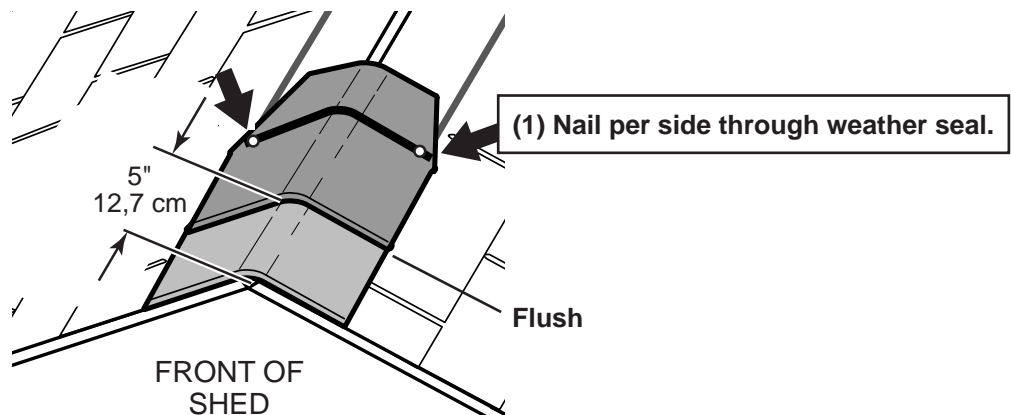
SHINGLES - RIDGE CAP
continued...

4 Continue installing ridge cap to back of roof.
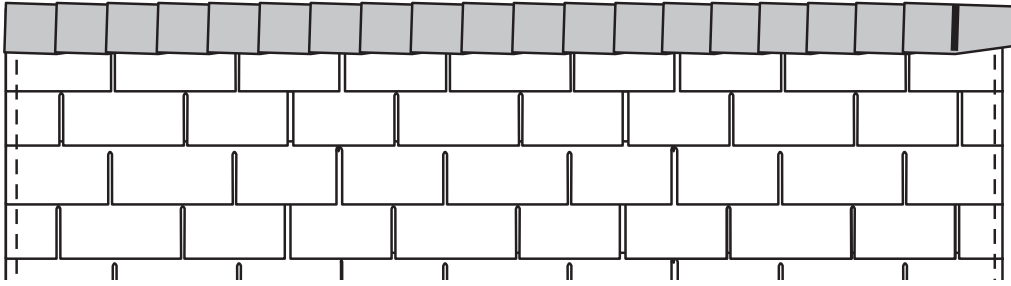
5 Make sure there is 4" between the shingle-color and edge of shingles.

4"
(10,2 cm)

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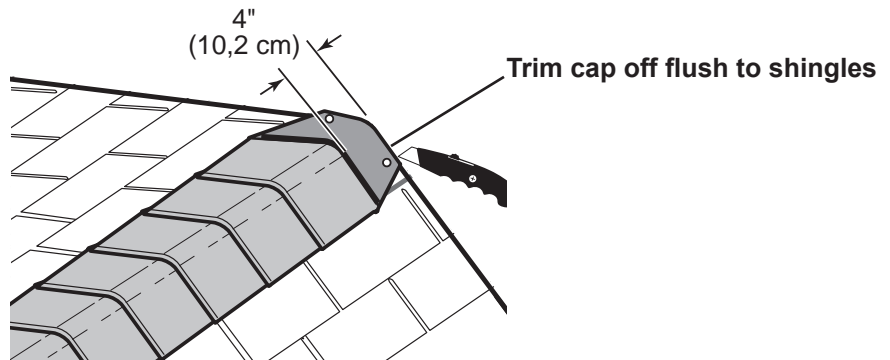
6 When you have 4" minimum of shingle color cut one piece to cap your roof.

Cut at top of rain slot.

Cap
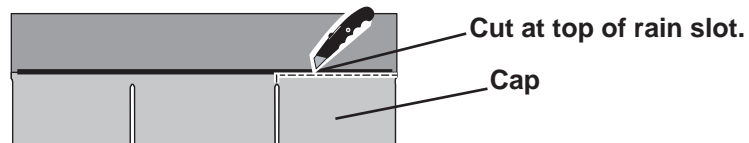
7 Install flush to shingles.

Flush to shingles

(2) Nails per side.
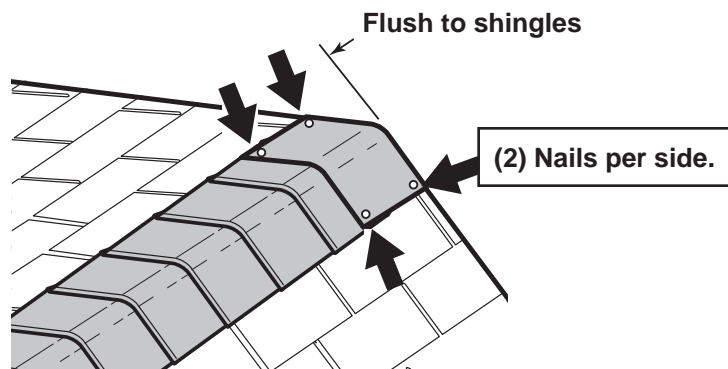
FINISH

You have finished your ridge cap.

16514 10' x 8' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 4	Collar Ties	*LUM SPF 2X4X72 #2&BTR	O 72000000000	1	TM
	Back Wall Top & Btm "A" / Dblr "A"	LUM SPF 2X4X96 #2&BTR	12306	4	TP
	Side Wall T & B Plate "A" / Dblr "B"	LUM SPF 2X4X92-5/8 #2&BTR	12305	2	TJ
	Side Wall T & B Plate	*2 X 4 X 89" PLATE	O 89000000000	4	SZ
	Doubler "D"	2 X 4 X 20 3/8" DOUBLER	O 20060000000	2	JBD
	Back Wall T & B Plate "B"	2 X 4 X 24" DOUBLER / PLATE	O 24000000000	2	RL
	Front Wall Top Plate "A"	LUM SPF 2X4X84 #2&BTR	12307	1	TO
	Front Wall Top Plate "B"	2 X 4 X 36"	O 36000000000	1	SL
	Front Wall Btm Plate	2 X 4 X 28" CONNECTOR	O 28000000000	2	RR
	Wall Studs	2 X 4 X 78 1/2"	O 78080000000	18	AI
	Jack Studs	2 X 4 X 68" STUD	O 68000000000	2	UM
	Over Door Crippler	2 X 4 X 7"	O 07000000000	5	AL
	Header	2 X 4 X 67"	O 67000000000	2	AM
	Rafter	2 X 4 X 65" 22.5* RAFTER	O 65002222000	10	AD
	Front / Rear Gable Connector	2 X 4 X 18 1/8"-22.5* CONNECT	O 18022222000	4	AF
2 X 6	Overhang "A"	2 X 6 X 48"	N 48000000000	2	VF
	Overhang "B"	2 X 6 X 49 1/2" OVERHANG	N 49080000000	2	AS
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
7/16 OSB	Upper Roof Panel "A"	OSB 7/16" x 4' x 8'	11110	2	---
	Lower Roof Panel "A"	7/16" OSB 23 1/2" X 96" ROOF P	C 96002308000	2	---
	Door Header Filler	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	1	---
GUSSETS	Gusset	EZ8"/OSB 6" X 24" GUSSET 22.5*	J 24000600225	8	---
NO GROOVE SIDING	Center Gable Panel	3/8" NG 23 7/8" X 23 9/16"	K 23092314000	2	---
	Front / Rear Gable Panel - Right	3/8" NG 23 9/16" X 48" RIGHT FRONT GABLE	K 48002309100	2	---
	Front / Rear Gable Panel - Left	3/8" NG 23 9/16" X 48" LEFT FRONT GABLE	K 48002309200	2	---
	Corner Trim	3/8" NG 1 3/4" X 83-1/2"	K 83080112000	8	---
8OC SIDING	Rearwall Panel "A" / Side Panel	SIDING 8" OC 4'X7'	11506	6	---
	Rear Panel "B"	EZ 8" 23 7/8" X 84" WALL PANEL	J 84002314000	1	---
	Frontwall Panel "A"	EZ 8" 11 7/8" X 84" PANEL	J 840011140WG	1	---
	Frontwall Panel "B"	EZ 8" 11 7/8" X 84" PANEL	J 84001114NOG	1	---
	Frontwall Panel Right	EZ 8" 48" x 84" RIGHT FRONTWALL	J 84004800101	1	---
	Frontwall Panel Left	EZ 8" 48" x 84" LEFT FRONTWALL	J 84004800201	1	---
19/32 X 3 SMART TRIM	Vertical / Over Door Trim	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	1	ZJ
	Long Cross Buck - Right	19/32 TST 2 1/2" X 39-7/8" 36.5* L/S RGT X-BUCK	UT39143737100	2	MDR
	Long Cross Buck - Left	19/32 TST 2 1/2" X 39-7/8" 36.5* L/S LFT X-BUCK	UT39143737200	2	MDL
	Horizontal Door Rail	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
19/32 X 4 SMART TRIM	Gable Trim Right	19/32 TST 3 1/2" X 71 15/16" 22.5* O/E RGT TRIM	UT71150308221	2	AUR
	Gable Trim Left	19/32 TST 3 1/2" X 71 15/16" 22.5* O/E LFT TRIM	UT71150308222	2	AUL
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	OO
	Chrome Single Point Locking Handle	DOOR HANDLE LOCKING SINGLE PT.	15210	1	---
PACKAGING	Instructions		16514	1	---

Right Door Assembly	30222-R				
	Door Panel	EZ 8" 31 1/4" X 71 1/2"	J 71083104000	1	---
	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH

Left Door Assembly	30222-L				
	Door Panel	EZ 8" 31 1/4" X 71 1/2"	J 71083104000	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

1. Every product is warranted from defects in workmanship and manufacturing for 1 year.
2. All accessories, hardware and metal components are warranted for 2 years.
3. All Oriented Strand Board (OSB) is warranted for 2 years
4. Siding and Trim is warranted for 15 years.
5. LP Prostruct® Flooring is warranted for 10 years
6. Cedar lumber is warranted for 15 years.
7. Preserved Pine is warranted for 10 years.
8. Redwood is warranted for 10 years.
9. 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

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

Gazebos & Pergolas

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

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

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

CLAIM PROCEDURE

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

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

All other inquiries can be mailed to:
Backyard Storage Solutions, LLC
Attn: Customer Service
1000 Ternes
Monroe, MI 48162

*WARRANTY TERMS MAY VARY OUTSIDE THE U.S.A.
IMPORTANT: This is your warranty certificate. 15Y PSS BB GEN LDR: 3/20/2019