STOP!

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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

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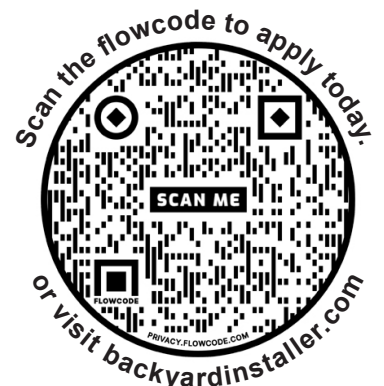
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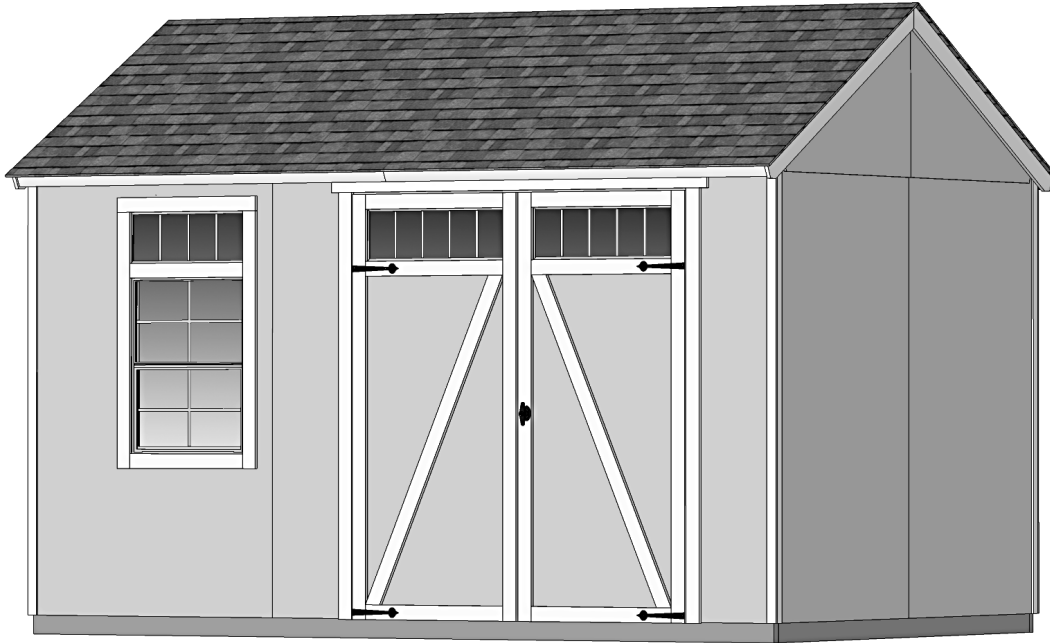
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ASSEMBLY MANUAL

CORONADO 12' x 8' Wide Gable
(365,8 x 243,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE

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

⚠ *IMPORTANT!* ⚠
READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.

BEFORE YOU BEGIN

• **BUILDING RESTRICTIONS AND APPROVALS**

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

• **ENGINEERED DRAWINGS**

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

• **SURFACE PREPARATION**

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

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

• **CHECK ALL PARTS**

Inventory all parts listed on pages 3-5.

• **ADDITIONAL MATERIALS**

You will need additional materials to complete your shed. See page 6 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

❑ Pencil

❑ Tape Measure

❑ Square   or

❑ Level

❑ Chalk Line

❑ Utility Knife
   ❑ Shingle Blades

❑ Caulk Gun

❑ Ladder

❑ Paint Tools

Optional

❑ Tool Belt/ Nail Pouch

❑ Safety Glasses

❑ Nail Gun
   • Gun Nails

❑ Gloves

❑ Clamps

Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS
Look for these symbols for helpful reminders throughout this manual.

= Assistance Required; (2) or more people.

= Ensure squareness.

= Important required step or operation.

= Helpful assembly hint.

= Mark part with pencil.

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

FINISH = You have finished the assembly or installation.

= Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

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

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

A

B

C
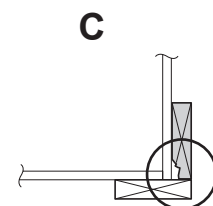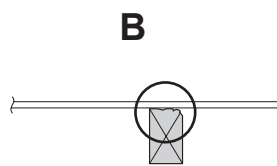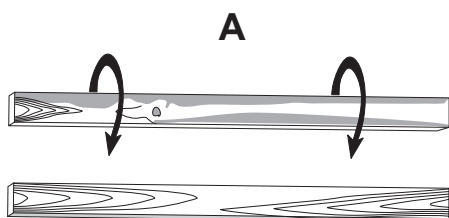
PARTS IDENTIFICATION AND SIZES

Part identification is stamped on some parts.

RS   **RS**

• Check these locations for Part stamps

PARTS LIST

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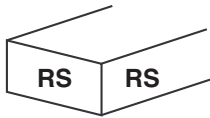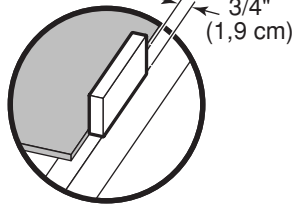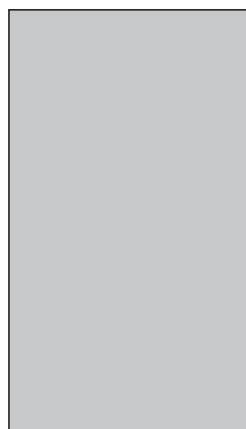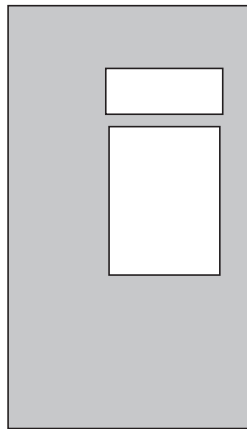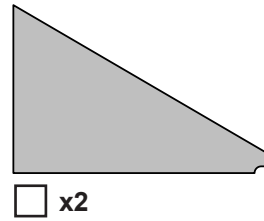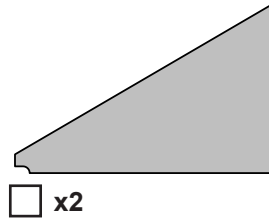**We suggest sorting parts by the category they are listed in.**

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
3/4" (1,9 cm)

WALLS

x1	CQA	2 x 4 x 4" (5,1 x 10,2 x 8,9 cm)
x1	RB	2 x 4 x 16" (5,1 x 10,2 x 40,6 cm)
x2	ARC	2 x 3 x 22-1/4" (5,1 x 7,6 x 56,5 cm)
x1	LV	2 x 3 x 22-1/2" (5,1 x 7,6 x 57,2 cm)
x2	AO	2 x 4 x 22-1/2" (5,1 x 10,2 x 57,2 cm)
x3	SP	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)
x2	NKA	2 x 4 x 49-1/2" (5,1 x 10,2 x 125,7 cm)
x1	UX	2 x 4 x 64" (5,1 x 10.2 x 162,6 cm)
x1		7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 169,5 cm) *OSB*
x2	AM	2 x 4 x 67" (5,1 x 10,2 x 170,2 cm)
x2	YFA	2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)
x24	TM	2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)
x4	SZ	2 x 4 x 89" (5,1 x 10,2 x 226,1 cm)
x3	TP	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

ROOF

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

TRIM

x2	QOD	19/32" x 2-1/2" x 22-1/2" (5,1 x 6,3 x 57,1 cm)
x1	BLD	19/32" x 2-1/2" x 27-1/2" (5,1 x 6,3 x 69,8 cm)
x2	EJB	19/32" x 2-1/2" x 43-3/4" (5,1 x 6,3 x 111,1 cm)
x2	REL	19/32 x 3-1/2 x 60-1/8" (1,5 x 8,9 x 152,7 cm)
x2	RER	19/32 x 3-1/2 x 60-1/8" (1,5 x 8,9 x 152,7 cm)
x1	ZJ	19/32 x 3 x 72" (1,5 x 7,6 x 182,9 cm)
x4		3/8 x 2-1/2 x 72-3/4" (1,0 x 6,3 x 184,8 cm)
x8		3/8 x 1-3/4 x 75-3/4" (1 x 4,4 x 192,4 cm)
x2	TP	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

DOOR

x2	AH	19/32 x 2-1/2 x 26-5/8" (1,5 x 6,3 x 67,6 cm)
x1	CLR	19/32 x 2-1/2 x 64-1/4" (1,5 x 6,3 x 163,2 cm)
x1	CLL	19/32 x 2-1/2 x 64-1/4" (1,5 x 6,3 x 163,2 cm)
x2	OO	69" (75,3 cm) Door Stiffener

3

WALL PANEL & DOOR PARTS LIST

NOTE: Panel parts are not stamped with part identification.

☐ **x2**   ☐ **x2**

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

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

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

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

☐ **x1**
LEFT DOOR

☐ **x1**
RIGHT DOOR
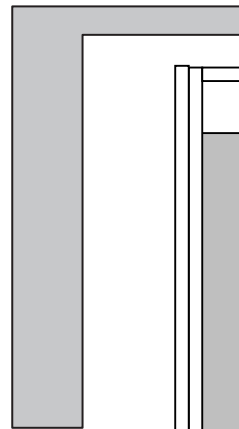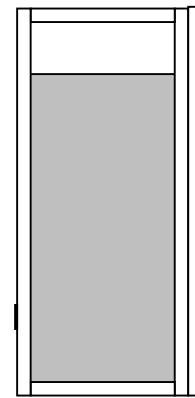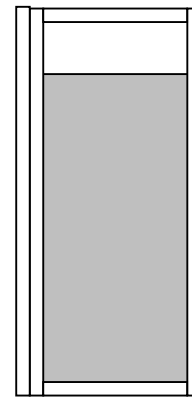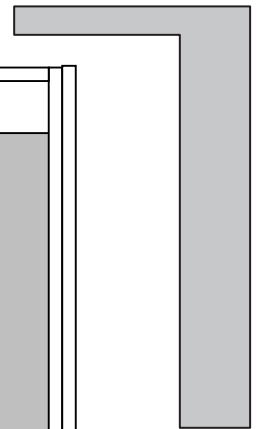
ROOF PANELS

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

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

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

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

☐ **x2**
7/16 x 47-7/8 x 48"
(1,1 x121,6 x 121,9 cm)
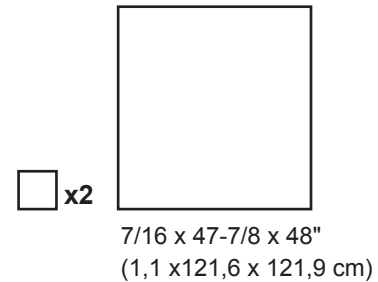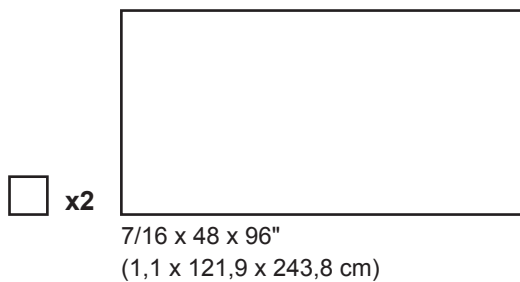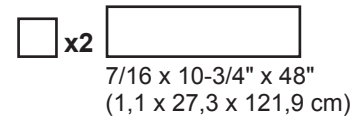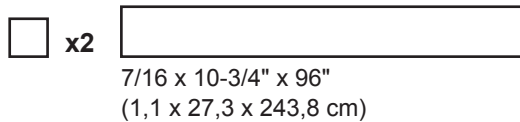
ACCESSORIES & DOOR HARDWARE

x1 — **Transom Window**

x2 — **Transom Window (large)**

x2 — **Spring Bolt**

x4 — 3/4" (1,9 cm)

x8 — 3/4" (1,9 cm)

x8 — 3/4" (1,9 cm)

x1

METAL THRESHOLD

x1

64" (162,5 cm)

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

T-Handle

x1

x2 — 1-1/2" (3,8 cm)

Faux Hinge

x4

x12 — 3/4" (1,9 cm)

Vent

x2
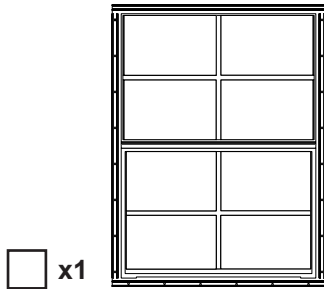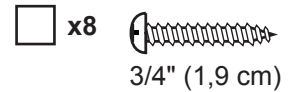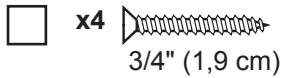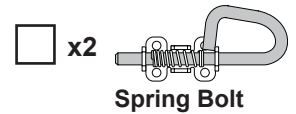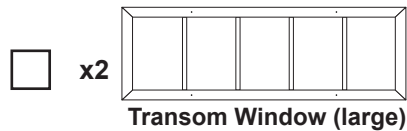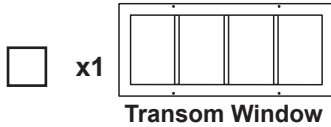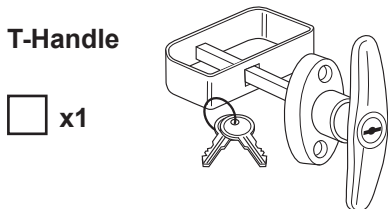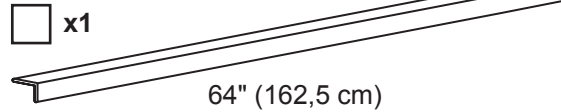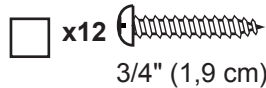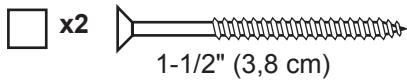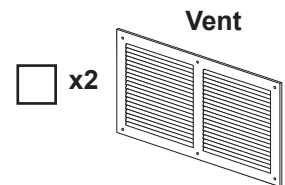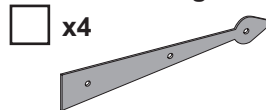
(Not included in base model)

FASTENER/HARDWARE BAG

x120 — 1-1/2" (3,8 cm)

x155 — 2" (5,0 cm)

x65 — 3" (7,6 cm)

x25 — 2" (5,0 cm)

x90 — 1-1/4" (3,2)

x12 — 1/2" (1,3 cm)

x85 — 3/4" (1,9 cm)
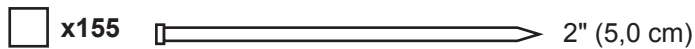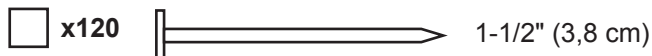
NOTE:
If you are using a nail gun, nails may be used where screws are shown for quicker assembly. Length of nail must match screw length.

NAIL BOXES (Shown Actual Size)

x3 BOXES — 3" (7,6 cm)

x4 BOXES — 2" (5,1 cm)
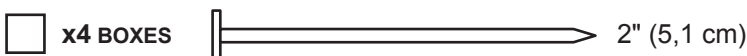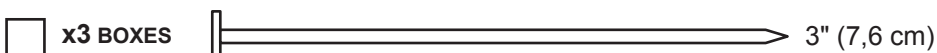
ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

• If your shed came with a separate floor kit, then please use the instructions supplied with that kit to assemble 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.

• If you choose to install your floor on a concrete slab, refer to page 7.

• If you choose to build your own wood floor foundation, refer to page 8.
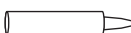
REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

x3 2 x 4 x 8' (5 x 10 x 243,8 cm) Treated Lumber
Cut to (3) 2 x 4 x 93" (5 x 10 x 236,2 cm)

x12 ea. 3" (7,6 cm) Hot Dipped Galvanized Nails

← Optional 12" (30,5 cm) spacing
Standard 16" (40,7 cm) spacing
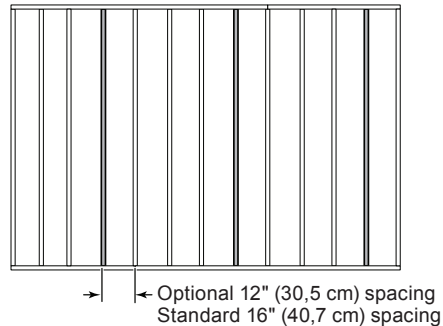
COMPLETING YOUR SHED
You will need these additional materials:

3-TAB SHINGLES..6 Bundles

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

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

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

1" GALVANIZED ROOFING NAILS.... 4 Lbs
For shingles.

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

OPTIONAL MATERIALS

DRIP EDGE .... 50 Feet

#15 ROOFING FELT
To cover 147 Sq. Ft. of roof area.

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

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

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

Treated Sill Plate

Caulk between sill plate and concrete.

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

C   B   A

4" (10,2 cm)

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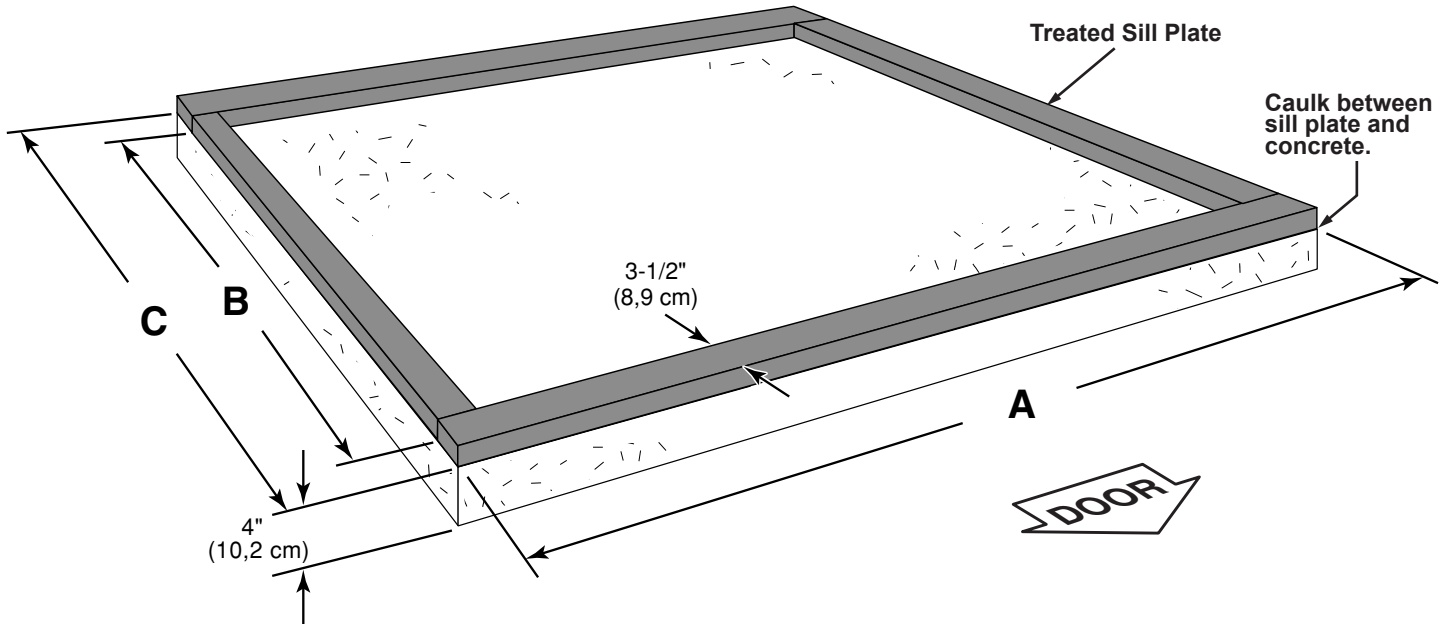
Building Size	Actual Size	A	B	C
12' x 8' (365,8 x 243,8 cm)	144" x 96" (365,8 x 243,8 cm)	144 " (365,8 cm)	89" (226,1 cm)	96" (243,8 cm)

Requires:

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

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

x1   Caulk

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

• A treated 2 x 4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete.
  Hint: Purchase full length treated lumber.

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

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

• Check local code for concrete foundation requirements.

NOTES

_____

_____

_____

_____

_____

_____

_____

_____

BUILD YOUR OWN WOOD FLOOR OPTION
(Materials not included.)

93"
(236,2 cm)

144"
(365,8 cm)

96"
(243,8 cm)

16"
(40,6 cm)
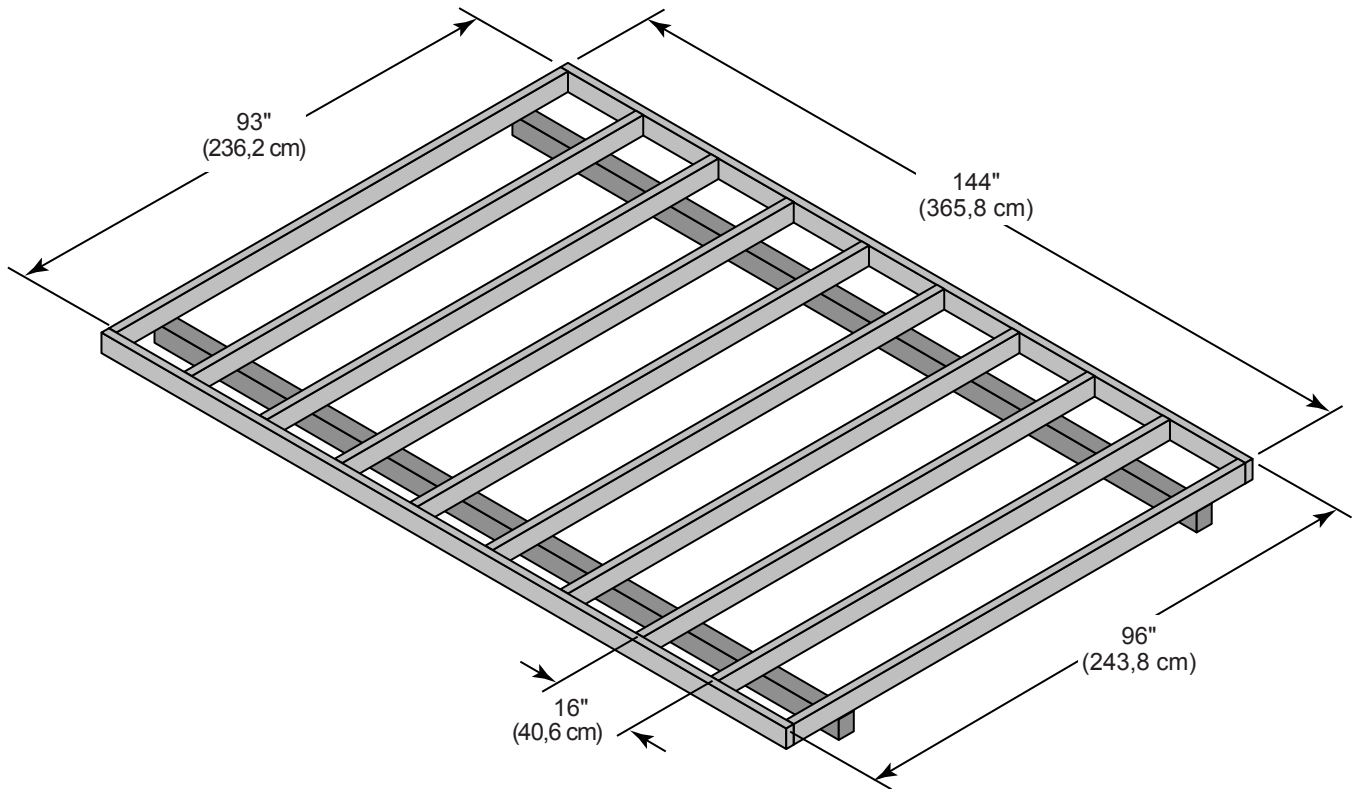
MATERIAL REQUIRED

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

☐ **x10** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) ⚠ **MUST be treated lumber**

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

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

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

☐ **x40** 3" (7,6 cm) **40 Nails - 3" (7,6 cm) Hot Dipped Galvanized Box-Type Nails**

☐ **x40** 3" (7,6 cm) **Screws for Frame to 4"x 4"**
Minimum 3" screws / exterior grade.

8

OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

There are multiple ways to level your floor frame. Our recommended leveling method is shown below. Leveling materials are not included in this kit.

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

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

• 3" Screws angled into 4 x 4.
• (2) screws at each point where frame and 4 x 4 touch.

12" (30,5 cm)

Measurements to centers of 4 x 4's.

16" (40,6 cm)

12" (30,5 cm)

⚠ FLOOR FRAME NOT INCLUDED

MATERIAL REQUIRED

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

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

☐ **x52** 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

Gravel

2" Block

Gravel

4" Block

2x4 Treated Lumber

8" Block

⚠ Do not exceed 16".
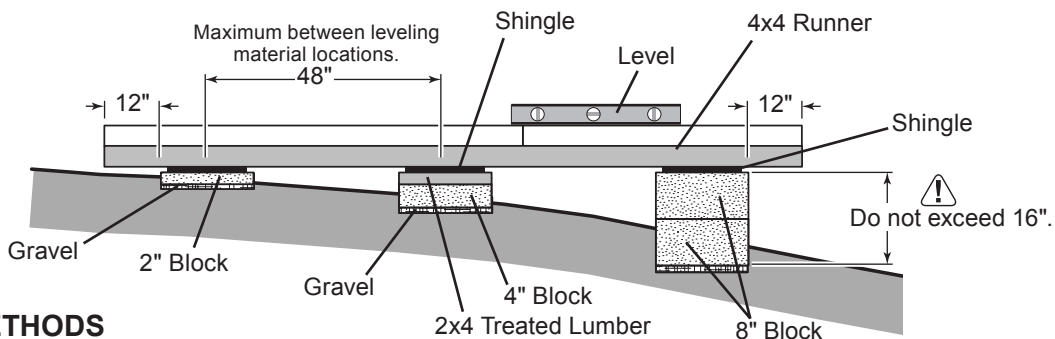
LEVELING METHODS

- 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 page 7.

9

FLOOR FRAME

PARTS REQUIRED:

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

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

x40 3" (7,6 cm)

Look for
TREATED
Stamp
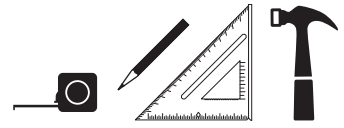
✓**BEGIN**

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

HINT:
For easier nailing
stand on frame.

144" (403,9 cm)
128" (325,1 cm)
112" (284,5 cm)
96" (243,8 cm)
80" (203,2 cm)
64" (162,6 cm)
48" (121,9 cm)
32" (81,3 cm)
16" (40,5 cm)

← **Flush**

Center
on marks

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

93" (236,2 cm)

⚠
You will
need to cut
96" boards
down to 93".

← **Flush**
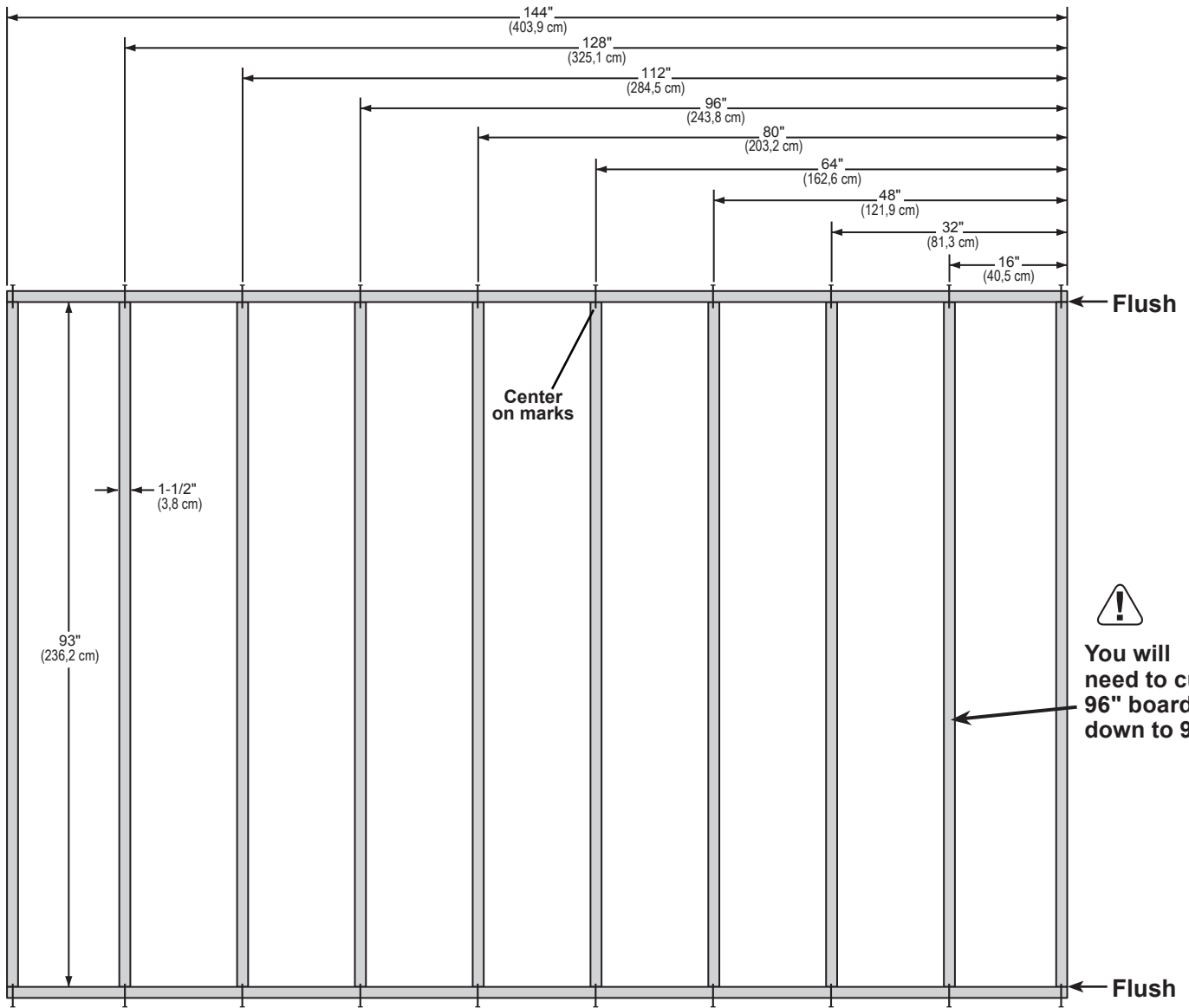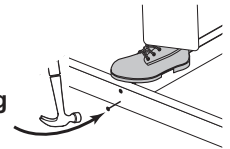
🏁**FINISH**

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

✓**BEGIN**

1 ⚠️ See page 9 for the preferred floor leveling method.

2 Use a level to ensure the frame is level before installing floor panels.

3 Check for frame squareness by measuring diagonally across corners.
If the measurements are the same, the frame is square.
The diagonal measurement will be approximately 173-1/16" (439,6 cm).

4 When the frame is level and square, secure one side of frame to the 4x4 runners using one fastener
at ends of each runner. Move to the opposite end of the frame.
Secure the frame to 4x4 runners with one fastener at ends of each runner, making sure the frame remains square
(Fig. A).

🏁**FINISH**

After the floor frame is level and square, fasten the frame to the 4x4 runners at each point
where the frame contacts the 4x4 runners.

**First, secure
at ends with
one fastener.**

Fig. A

173-1/16"
(439,6 cm)

173-1/16"
(439,6 cm)

DOOR

DOOR
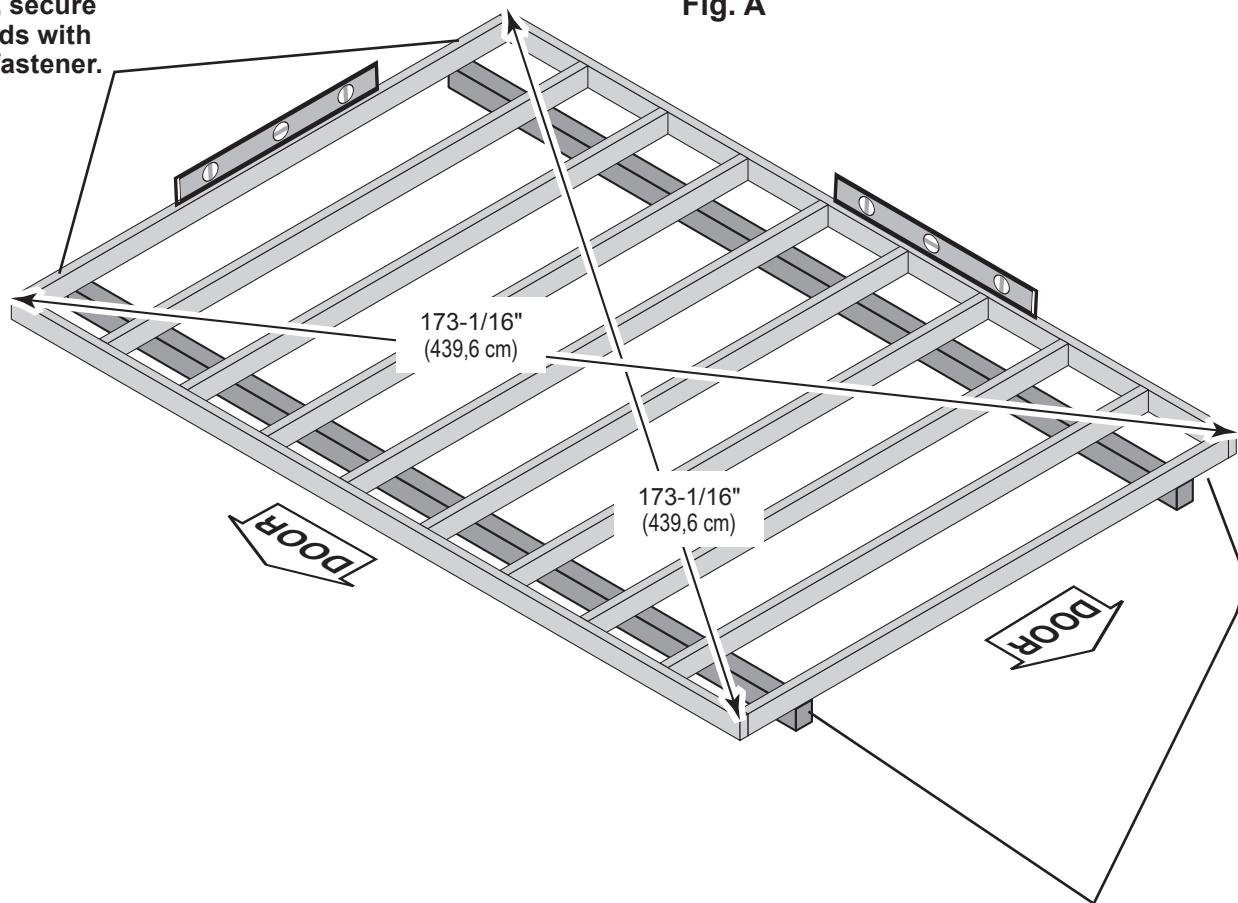
**Second, secure
at ends with
one fastener.**

FLOOR PANELS

PARTS REQUIRED:

GAA **3/4" GAUGE BLOCK**

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

x186 2" (5,1 cm)
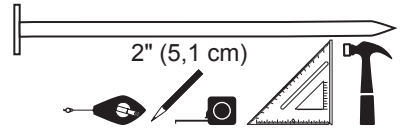
Install all panels with the painted grid lines facing up.

✓ BEGIN

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

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

BEGIN HERE ➡ 3/4"
(1,9 cm)

Flush

12"
(30,5 cm)

6" (15,2 cm)

3/4" Gauge Block

3/4"➡
(1,9 cm)
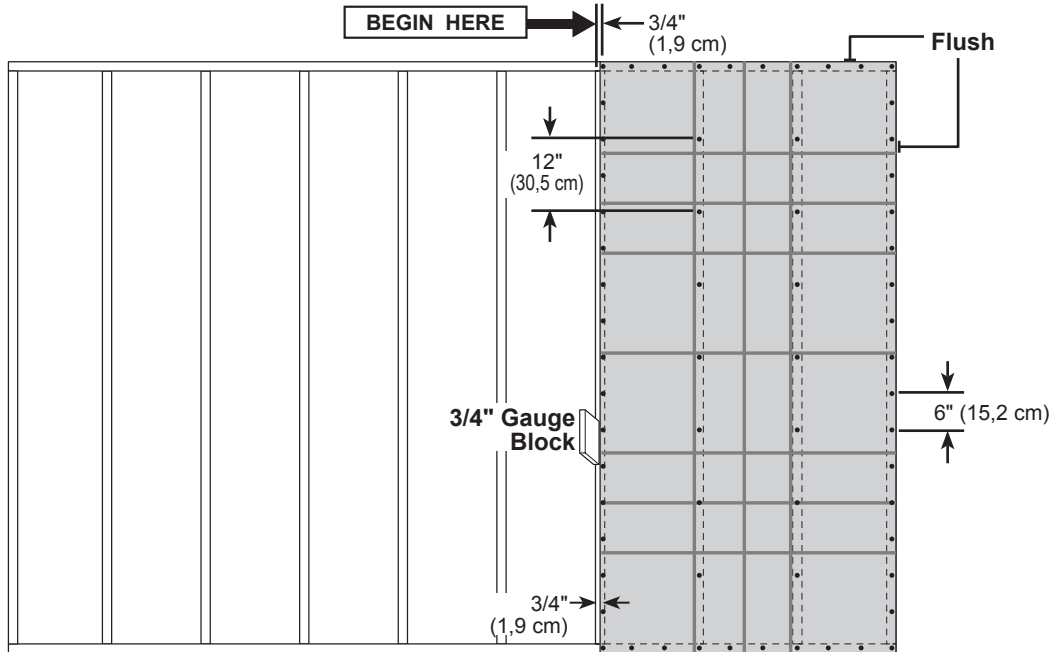
2 Continue installing 2 additional **48"x 96"** panels as in step 1. Install middle panel first.
Secure panels with 2" nails spaced 6" apart on edges and 12" apart inside panels.

Flush

6" (15,2 cm)

12"
(30,5 cm)

3/4" Gauge Block   **3/4" Gauge Block**

🏁 FINISH
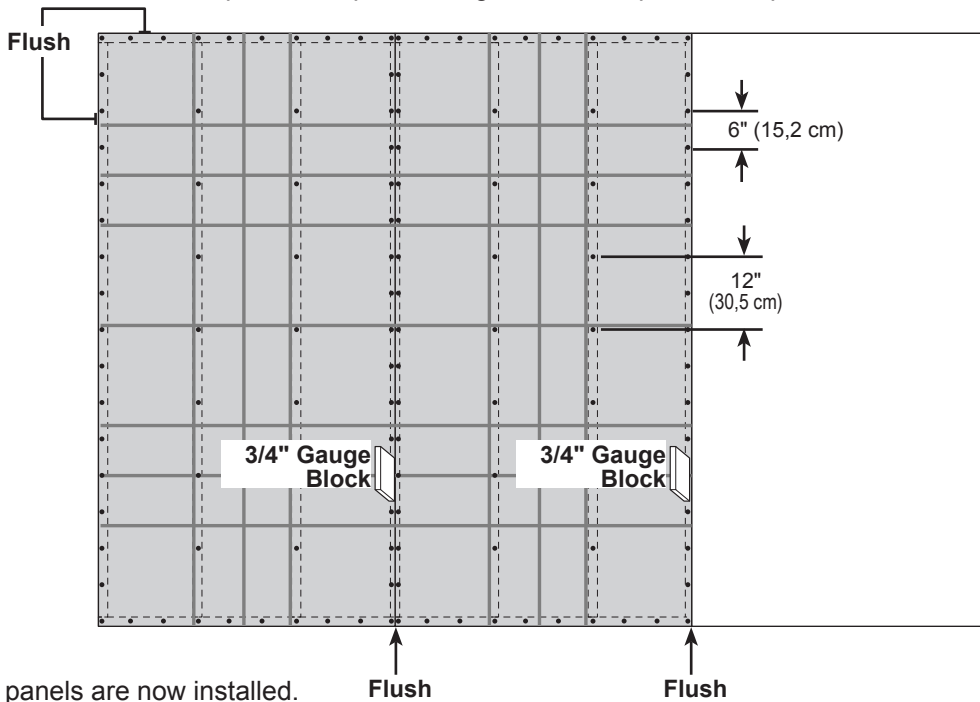
Your floor panels are now installed.

Flush   Flush

12

IMPORTANT!

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

DOOR
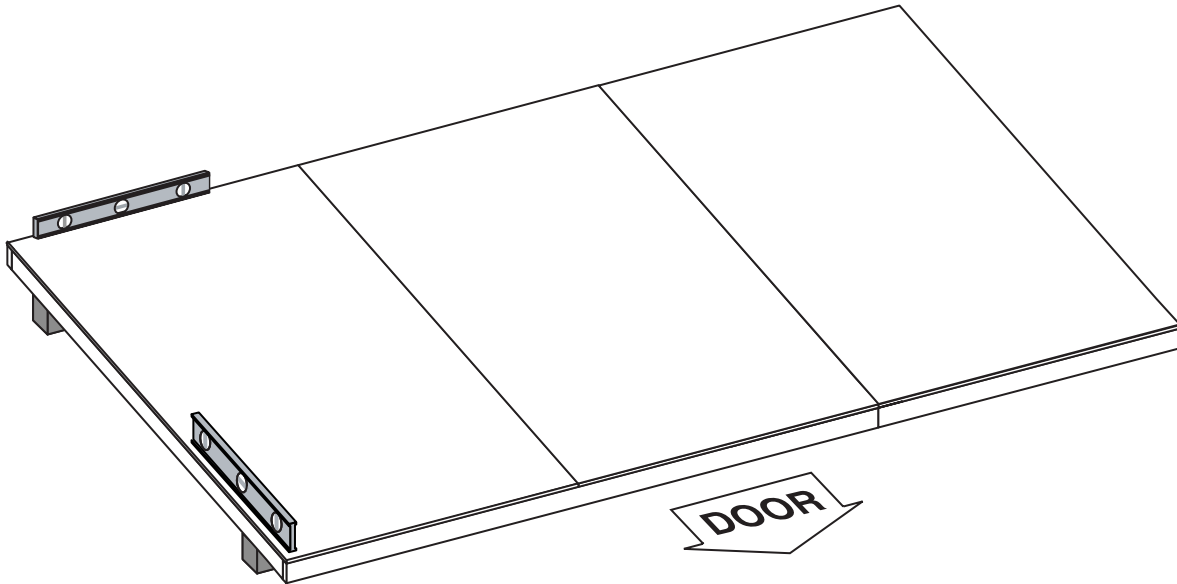
HINT:

- **The floor should be used as a level work surface for wall construction.**

- **Organize your wall sections during sub-assembly
to avoid over-handling of the walls.**

Left Wall

Back Wall

Front Wall

Right Wall
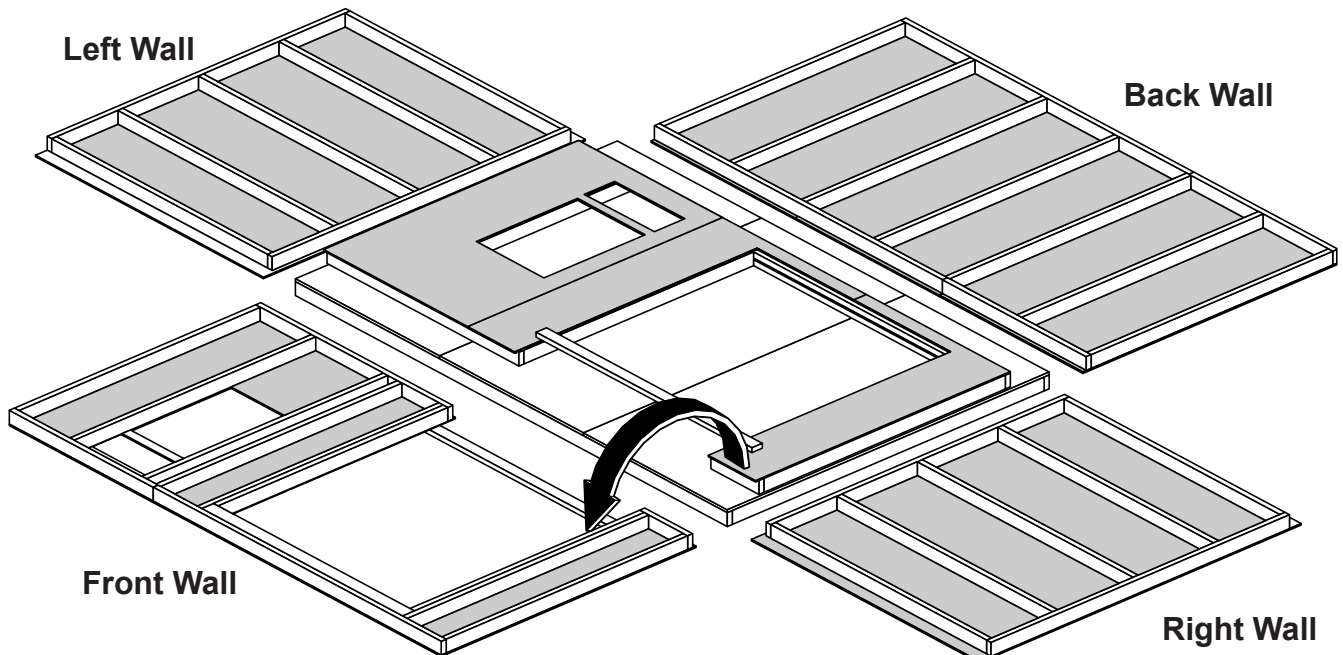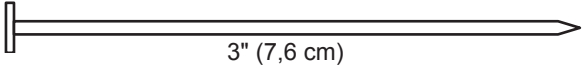
BACK WALL FRAME

PARTS REQUIRED:

x32 3" (7,6 cm)

x2 SP
2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

x7 TM
2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

x2 TP
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)
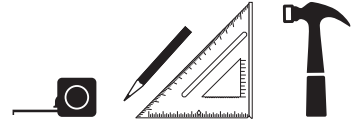
⚠ **NOTE: Dimensions are to center of studs.**
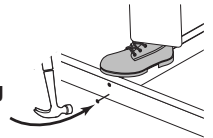
✓**BEGIN**
1

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

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

HINT:
For easier nailing
stand on frame.

144"
(365,8 cm)

120"
(304,8 cm)

96"
(243,8 cm)

72"
(182,9 cm)

48"
(121,9 cm)

96"
(243,8 cm)

24"
(61 cm)

Seam

Flush   **Flush**

Center
on Marks

TP

SP

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

72"
(182,9 cm)

3" (7,6 cm)
Nails

TM x7

Flush   **SP**   **TP**   **Flush**

Seam

48"
(121,9 cm)

96"
(243,8 cm)

14

PARTS REQUIRED:

x1

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

GAA
3/4" GAUGE BLOCK

x45
2" (5,1 cm)
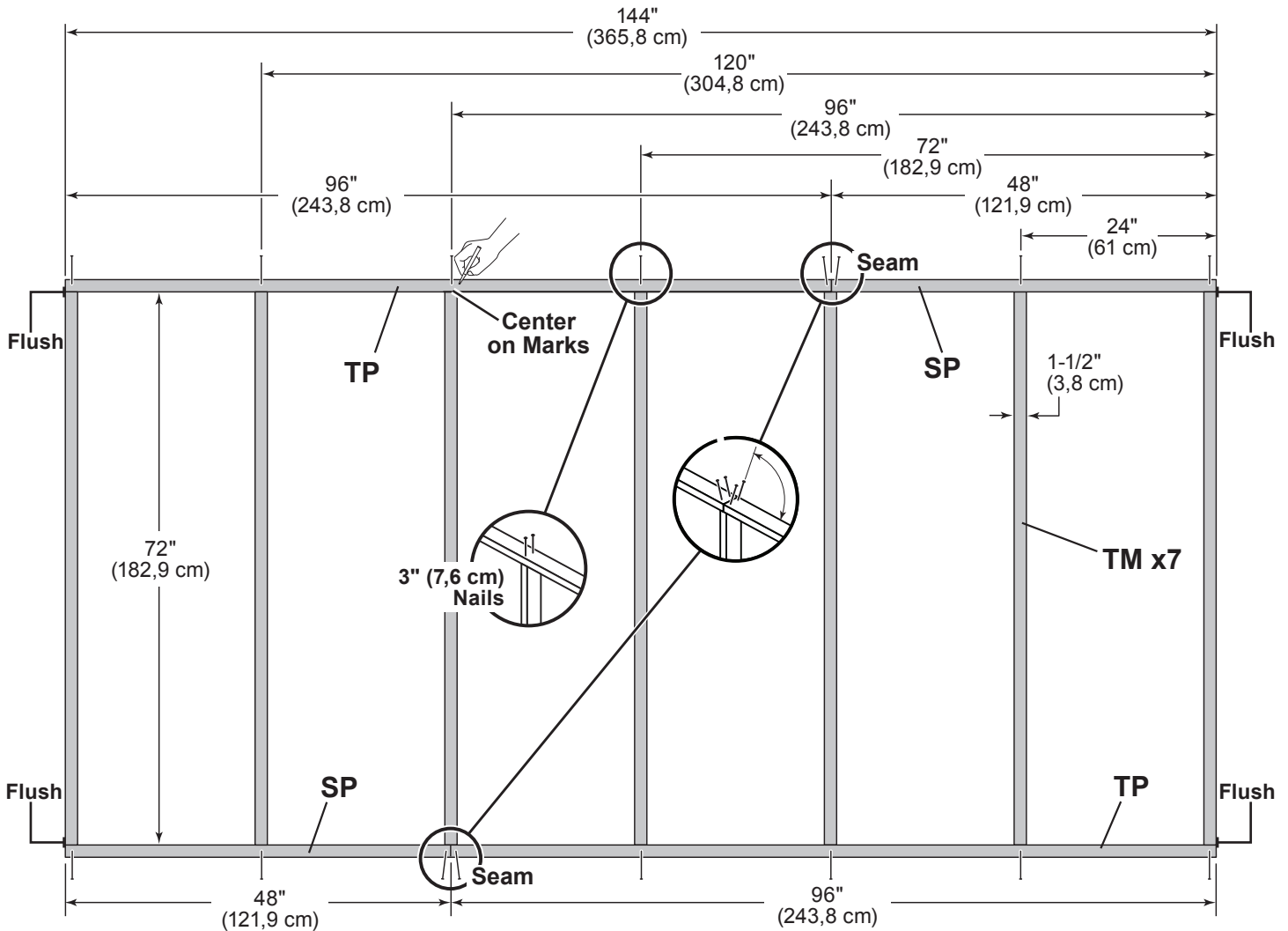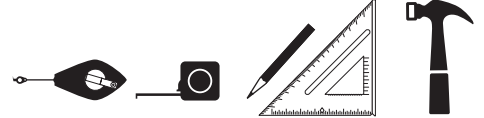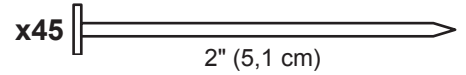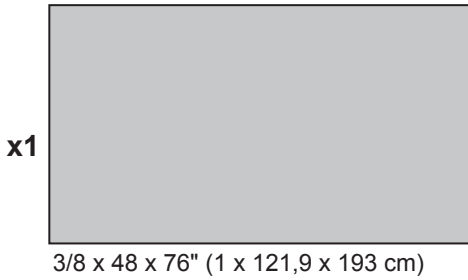
Install all panels with the primed side facing up.

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

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

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

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

BEGIN HERE ⚠ **For squareness, maintain 3/4" measurement
along panel edge.**

48"
(121,9 cm)

3/4"
(1,9 cm)

Flush

6"
(15,2 cm)

12"
(30,5 cm)

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

**3/4"
GAUGE
BLOCK**

Flush

3/4"
(1,9 cm)

2 Nails

Fig. A

3/4"
(1,9 cm)

Fig. B

3/4"
(1,9 cm)

2 Nails

PARTS REQUIRED:

x90
2" (5,1 cm)

x2
3/8 x 48 x 76" (1 x 121,9 x 193 cm)
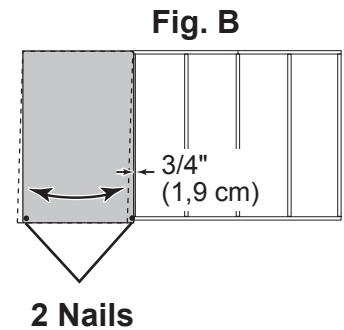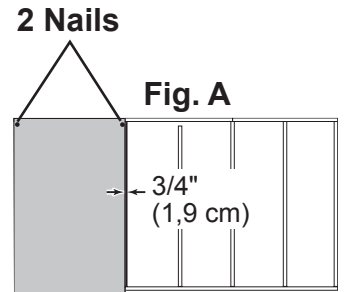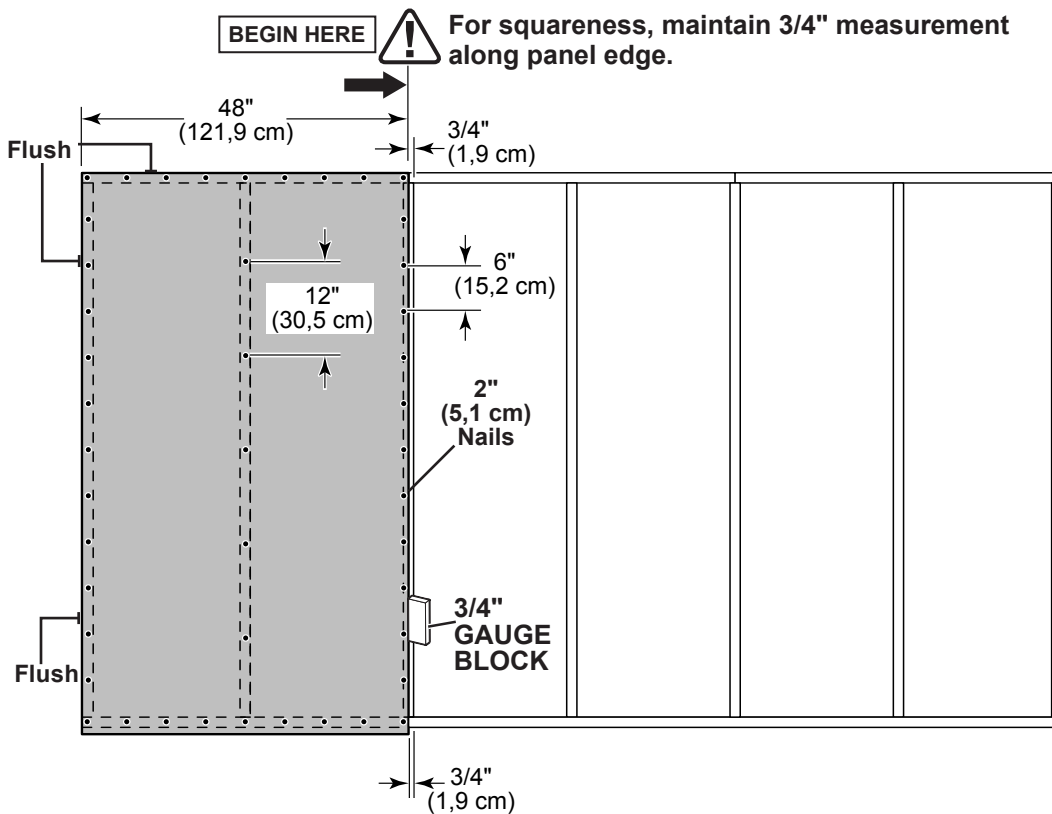
4 Install (2) more **48" x 76"** panels on frame as shown **(Fig. A)**.
Secure the panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.

⚠ **For squareness maintain flush along panel edges.**

Flush

12"
(30,5 cm)

2" (5,1 cm) Nails

6"
(15,2 cm)
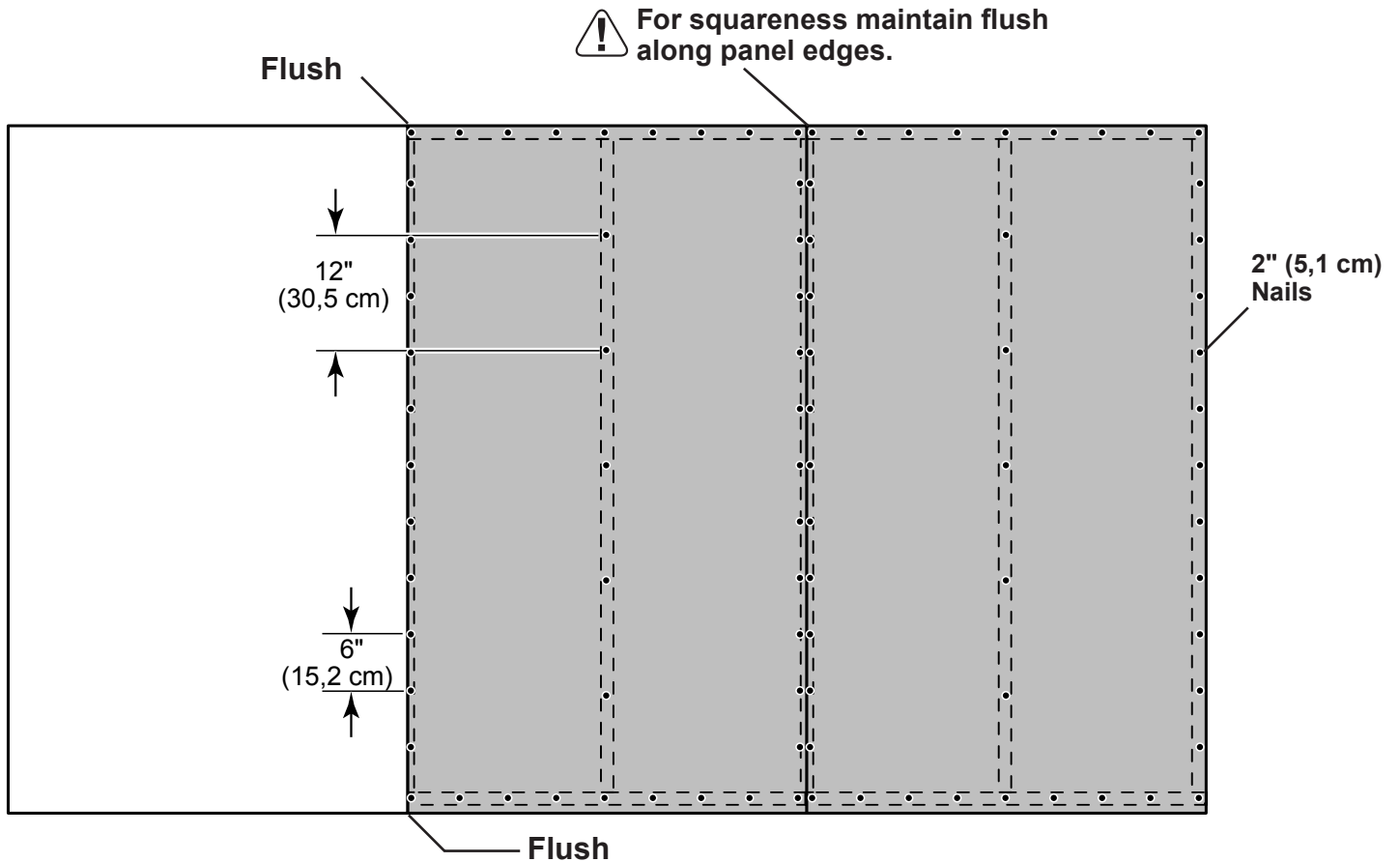
Flush

Carefully flip your back wall over.
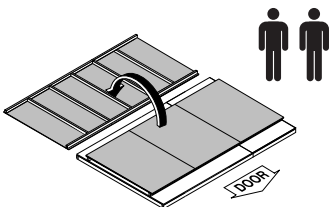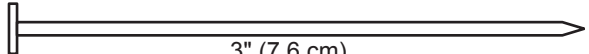
DOOR

FINISH

Your back wall is now assembled.

16

FRONT WALL (Door Header)

PARTS REQUIRED:

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

x1
7/16 x 3-1/4 x 66-3/4" (1,1 x 8,3 x 169,5 cm) *OSB*

x18 3" (7,6 cm)
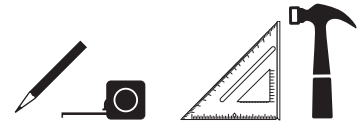
✓**BEGIN**

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

2 Secure with 3" nails in the pattern shown.

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

ASSEMBLED END VIEW

AM

Flush

OSB

AM

Flush
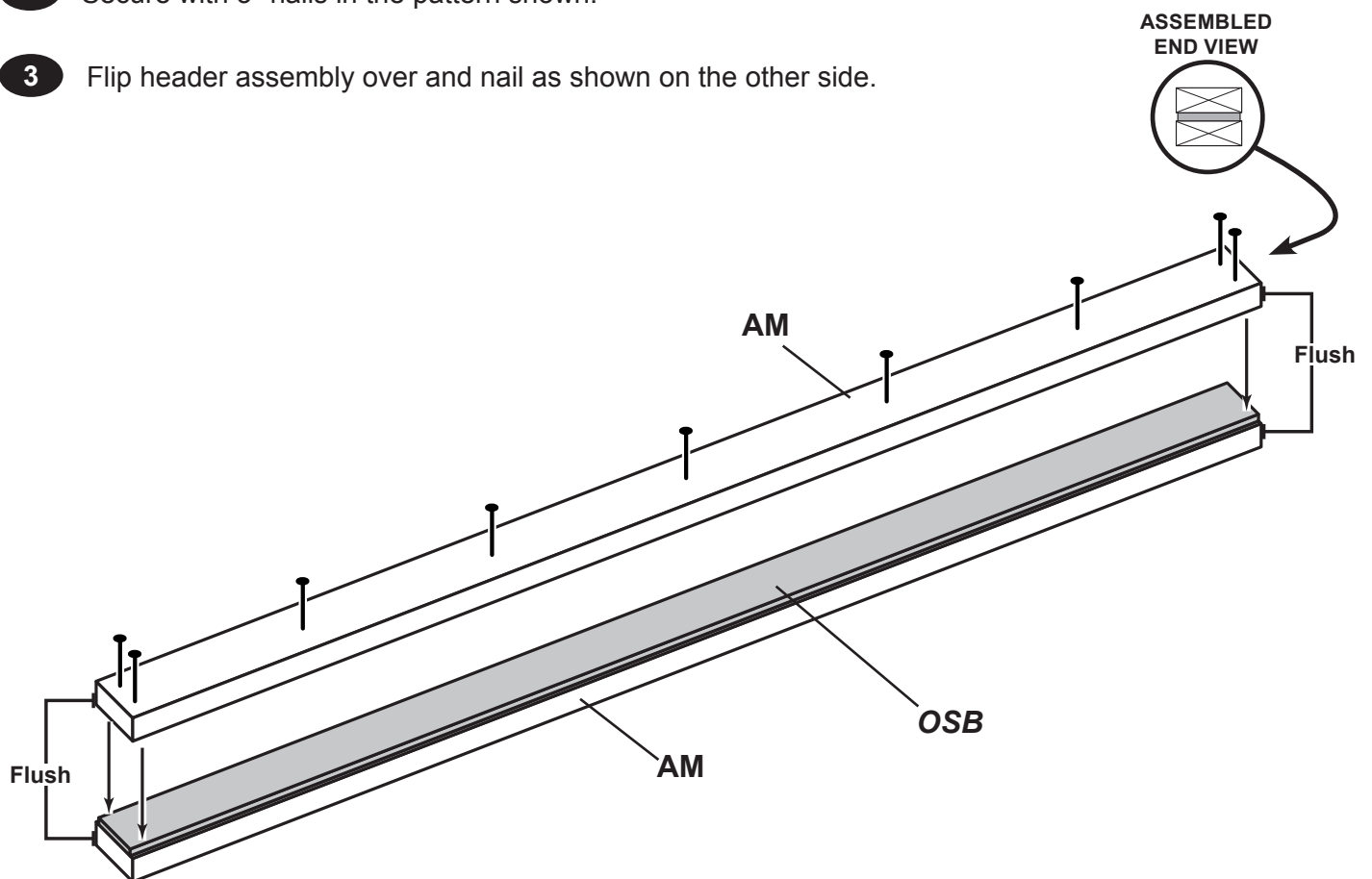
🏁**FINISH**
You have assembled your door header.

FRONT WALL FRAME

PARTS REQUIRED:

x64 | 3" (7,6 cm)

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

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

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

x7 | TM | 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)

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

Pre Assembled Header

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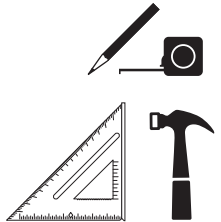
✓**BEGIN**

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

Install parts at marks with (2) 3" nails at each location
and (4) 3" nails angled at seam as shown.

HINT:
For easier nailing
stand on frame.

144"
(365,8 cm)

130-1/4"
(330,8 cm)

61-3/4"
(156,8 cm)

48"
(121,9 cm)

96"
(243,8 cm)

43-1/4"
(109,9 cm)

19-1/4"
(182,9 cm)

SEAM

TP

Flush

SP

Flush

1-1 2"
(3,8 cm)

Pre-Assembled Header

Install Header in
this position

TM x7

72"
(182,9 cm)

YFA

YFA

UX

Center
on Marks

RB

Flush

Flush

Flush

Flush

64"
(162,6 cm)

16"
(40,6 cm)

3" (7,6 cm)
Nails

PARTS REQUIRED:

x60

2" (5,1 cm)

x1

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

GAA
3/4" GAUGE BLOCK
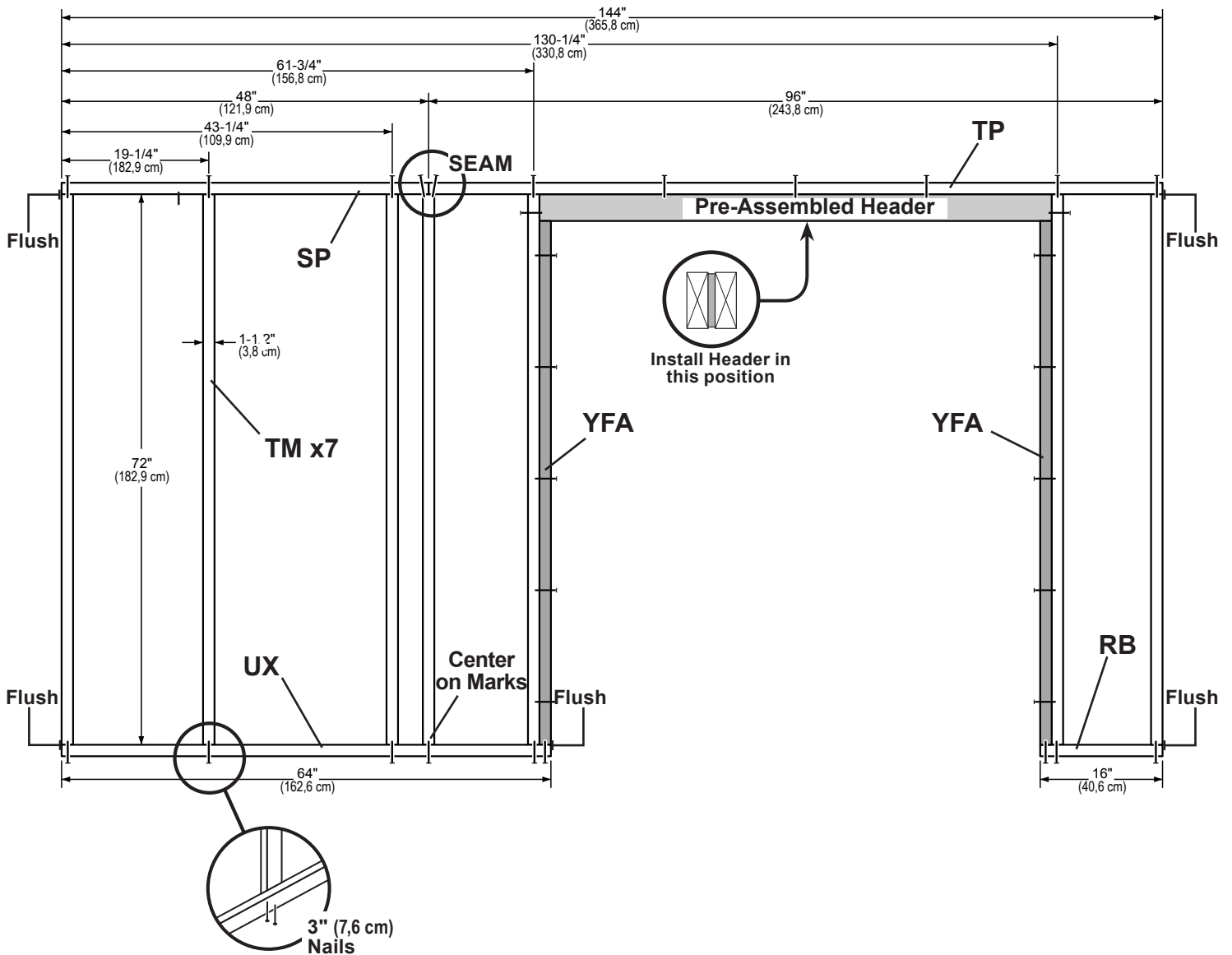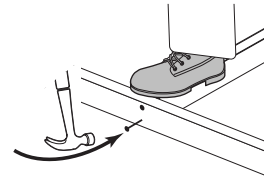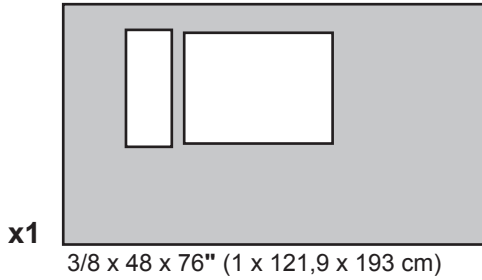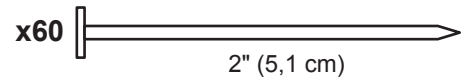
Install all panels with the primed side facing up.

2 Place the **3/8 x 48 x 76"** window panel on the wall frame as shown.
Use the **GAA** gauge block to mark the 3/4" measurement on the wall stud.
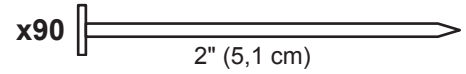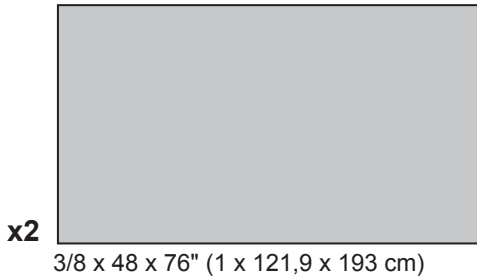
Secure the panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.

⚠ **For squareness, maintain 3/4" measurement along panel edge.**

Flush

3/4"
(1,9 cm)

BEGIN HERE

6" (15,2 cm)

3/4" GAUGE BLOCK

GAA

Flush

12"
(30,5 cm)

PARTS REQUIRED:

x2 — 3" (7,6 cm)

x80 — 2" (5,1 cm)

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

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

x1
3/8 x 48 x 76"
(1 x 121,9 x 193 cm)
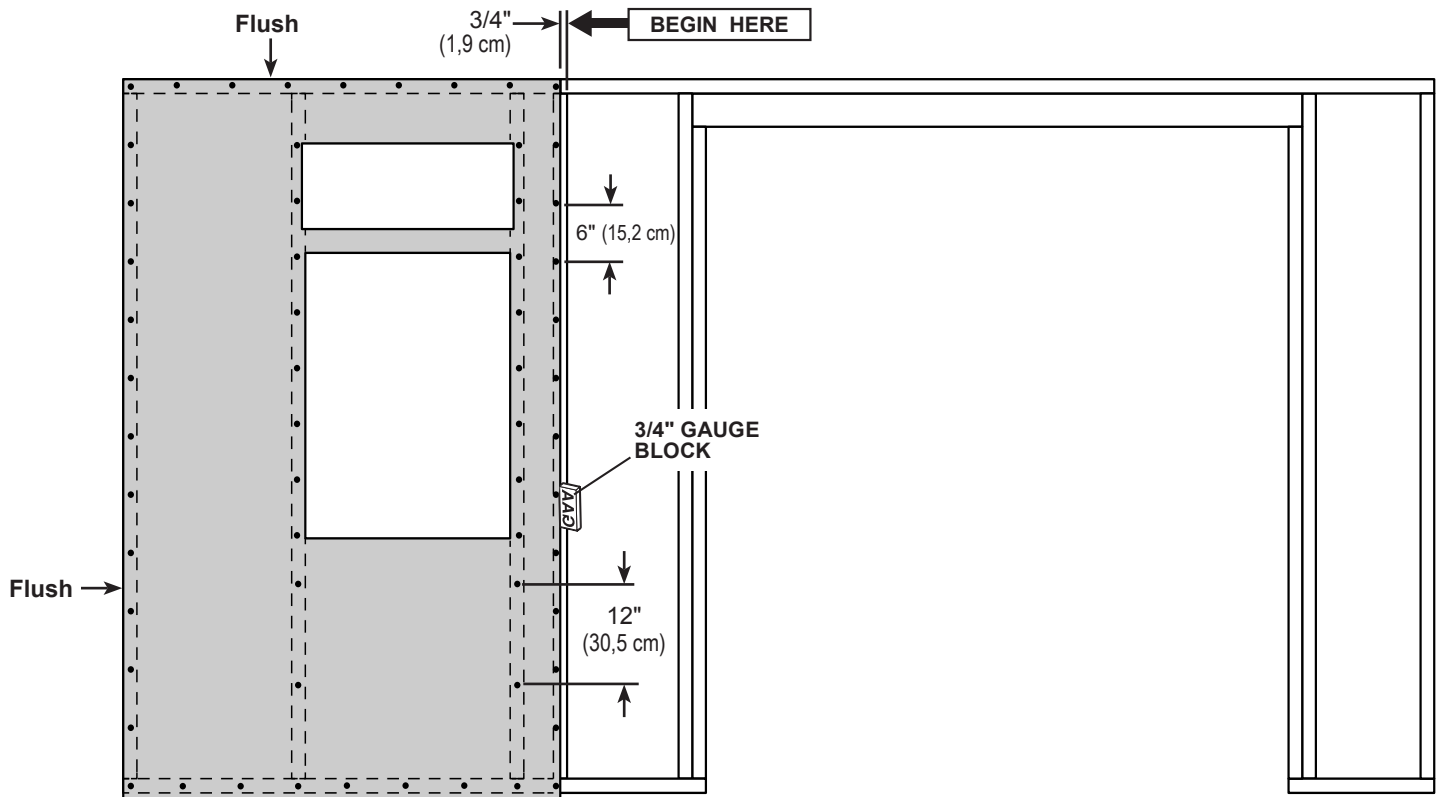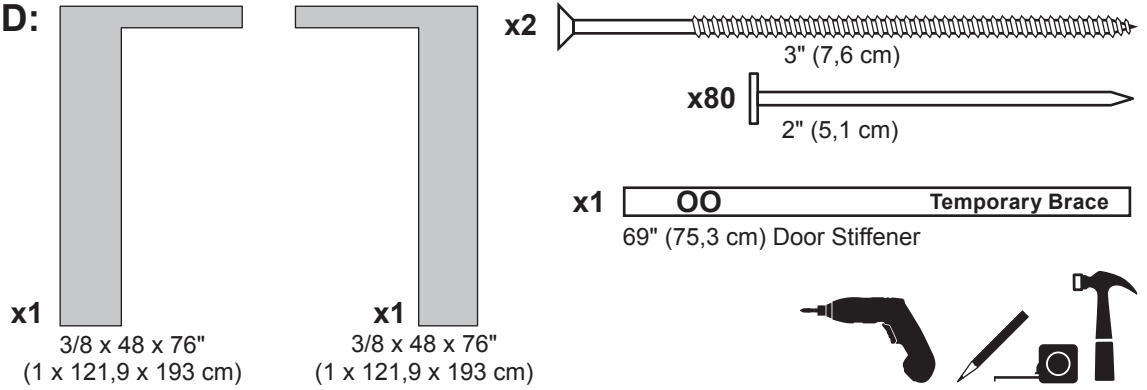
3 Place **3/8 x 48 x 76"** door panels on frame, as shown.

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

4 Maintain a 64" opening using **OO** as temporary support.
Secure **OO** with (2) 3" screws.

Flush   Flush   Flush

6" (15,2 cm)

⚠
64"
(162,6 cm)

Flush →   ← Flush

OO

Temporary Brace

3" (7,6 cm) Screws
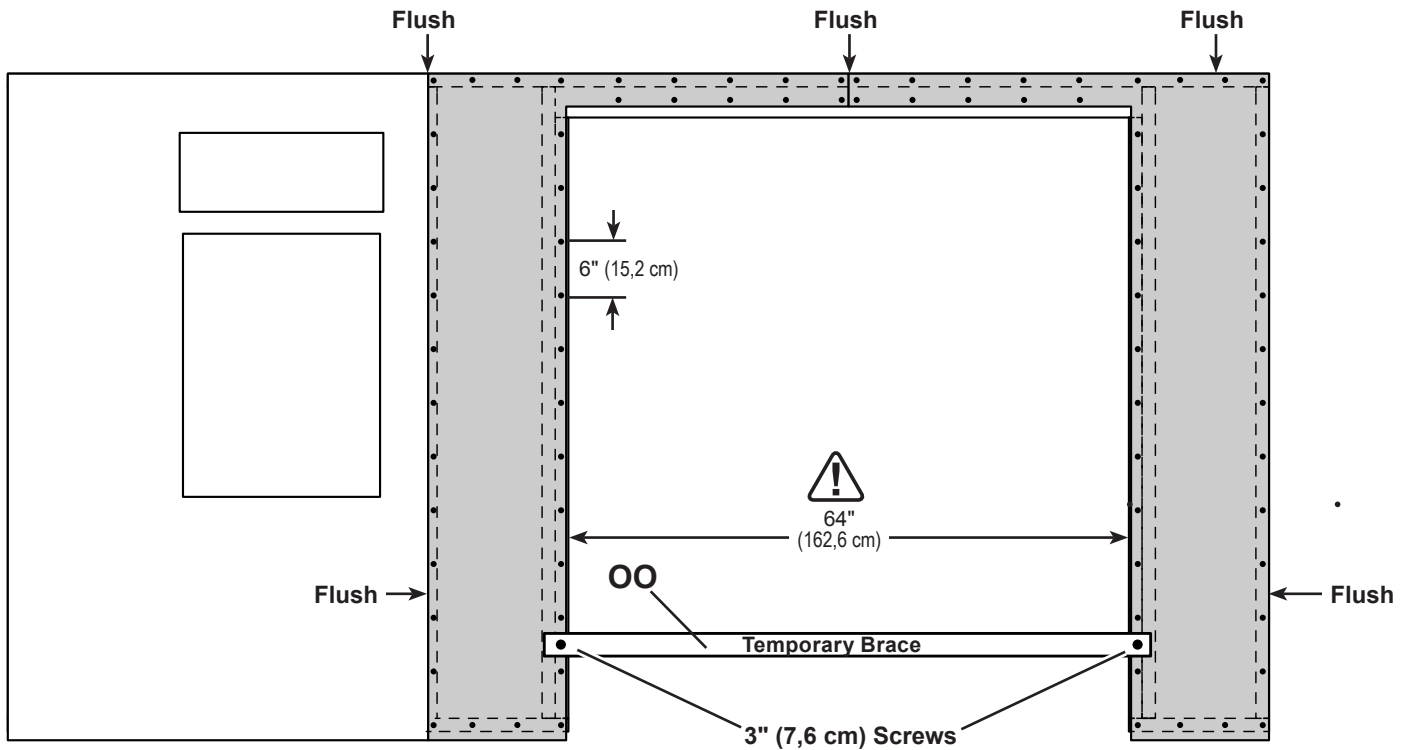
🏁 **FINISH**

Your front wall is now assembled.
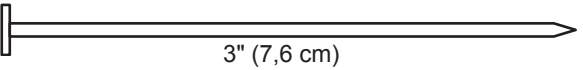
Carefully flip your front wall over.
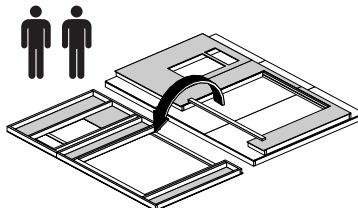
GABLE WALLS

PARTS REQUIRED:

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

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

x40 3" (7,6 cm)
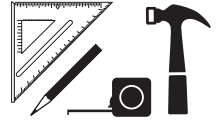
You will build 2 identical gable walls.

✓**BEGIN**

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

89"
(226,1 cm)

68-1/2"
(174 cm)

44-1/2"
(113 cm)

20-1/2"
(52,1 cm)

SZ

Flush

Flush

**TM
x5**

3" (7,6 cm)
Nails

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

72"
(182,9 cm)

Flush

SZ
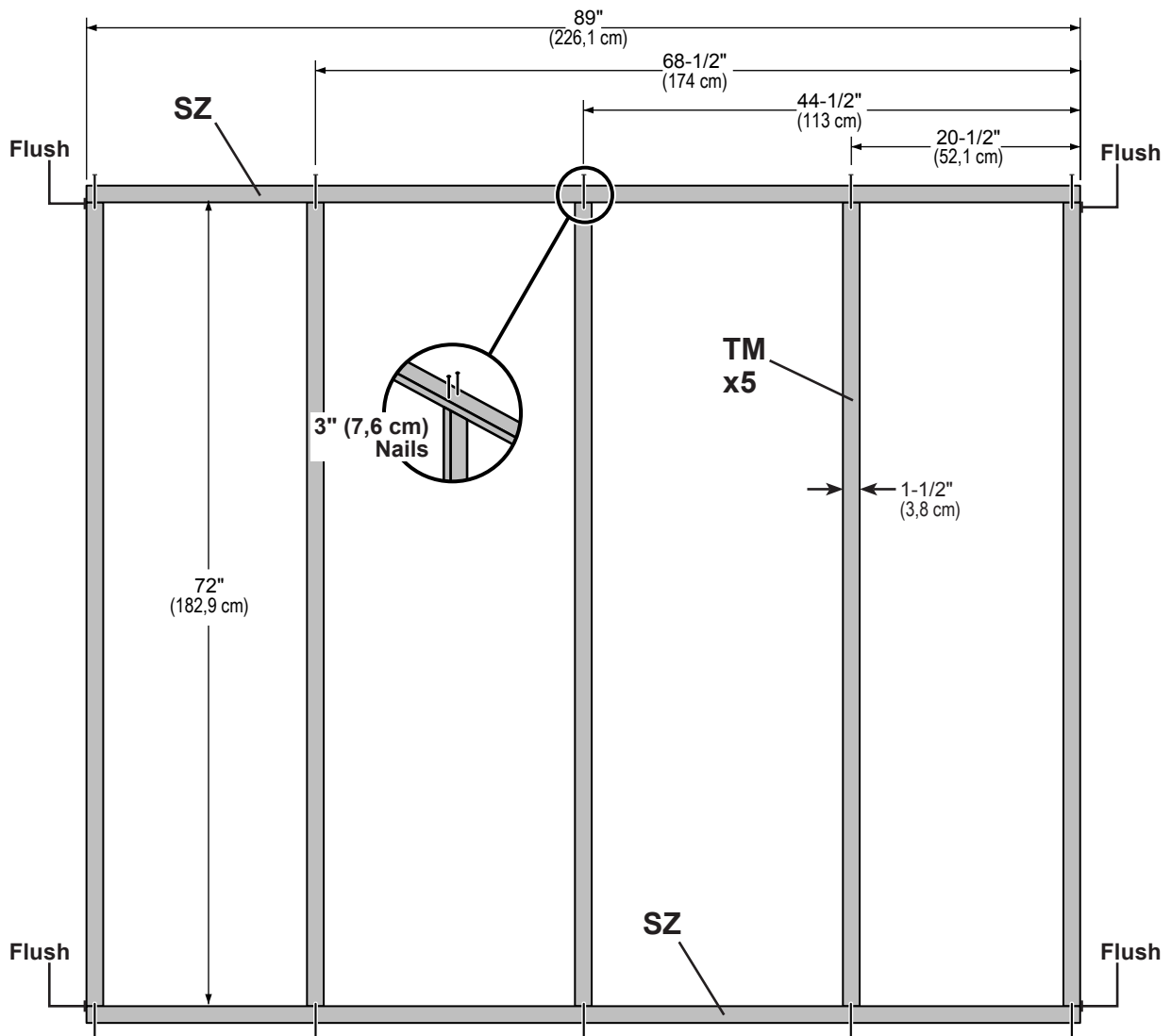
Flush

GABLE WALL PANELS

PARTS REQUIRED:

x90 | — 2" (5,1 cm)

x2 3/8 x 48 x 76"
(1 x 121,9 x 193 cm)

GAA
3/4" GAUGE BLOCK
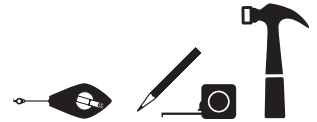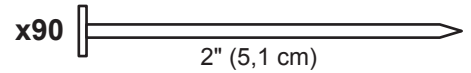
Install panels with the primed side facing up.

2 Install (2) **48" x 76"** panels on frame flush at top. Use the gauge block **GAA** to maintain a 3/4" measurement on the wall stud. Panels will overlap the frame approximately 3-1/2" (8,9 cm) at each side.
Secure panels with 2" nails spaced 6" apart along edges and 12" inside panel.

2" (5,1 cm) Nails

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

3/4" (1,9 cm)

Flush

BEGIN HERE

Flush

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

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

6" (15,2 cm)

12" (30,5 cm)

Flush

3/4" Gauge Block GAA
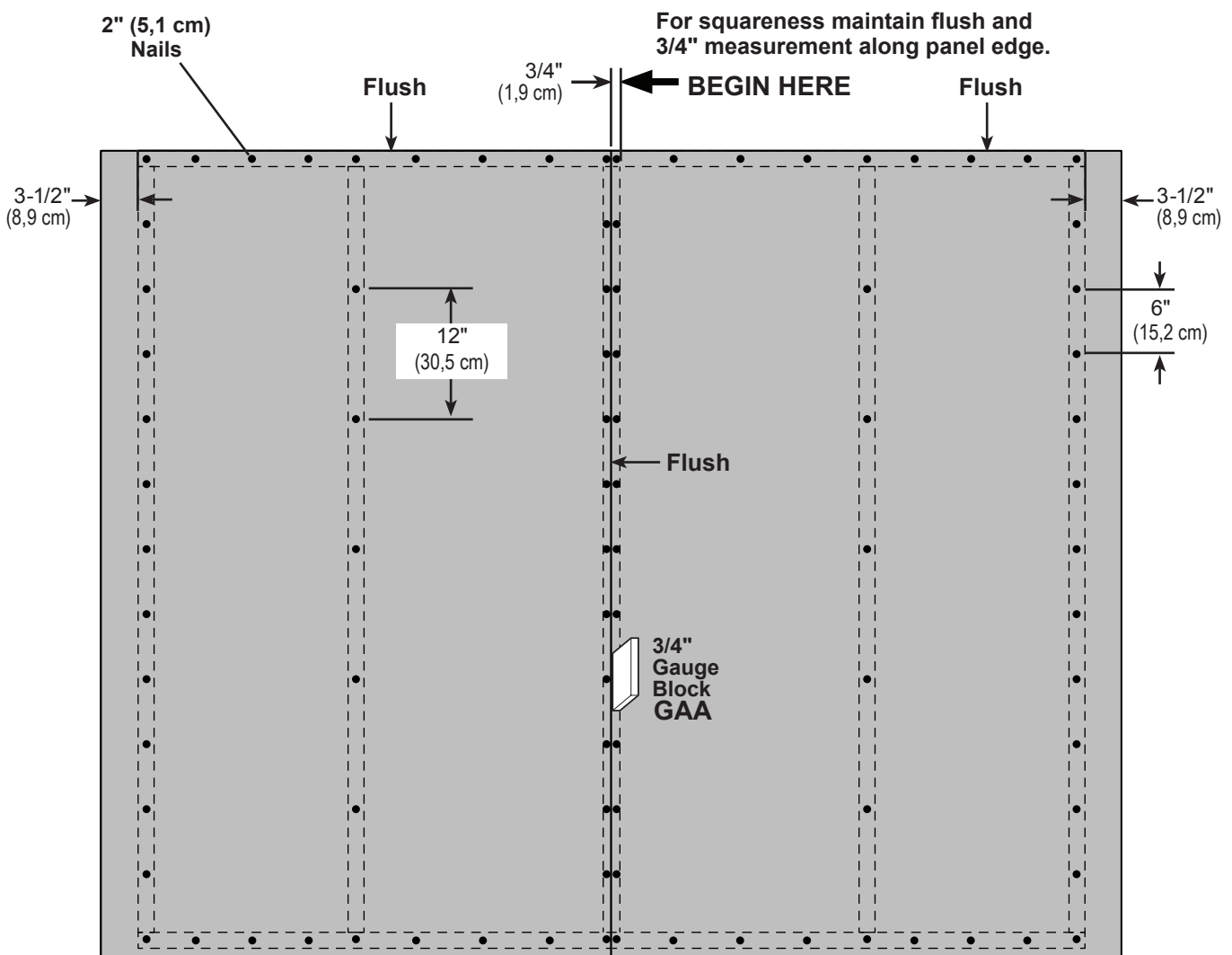
Repeat steps to build your second gable wall.

FINISH

Your gable walls are now assembled.

Carefully flip the gable walls over.

22
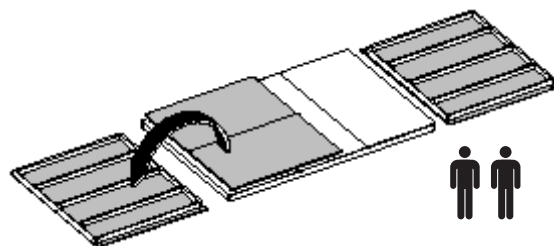
PARTS REQUIRED:

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

x12 — 3" (7,6 cm)

x2 — 3" (7,6 cm)

x27 — 2" (5,1 cm)

✓BEGIN

1

Center 12' wall on the 144" (365,8 cm) floor dimension.

1-1/2" (3,8 cm) overlap is to the top.

Use a **2x4** as a temporary brace.
Secure with (2) 3" screws.

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

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

DOOR

2x4

Flush
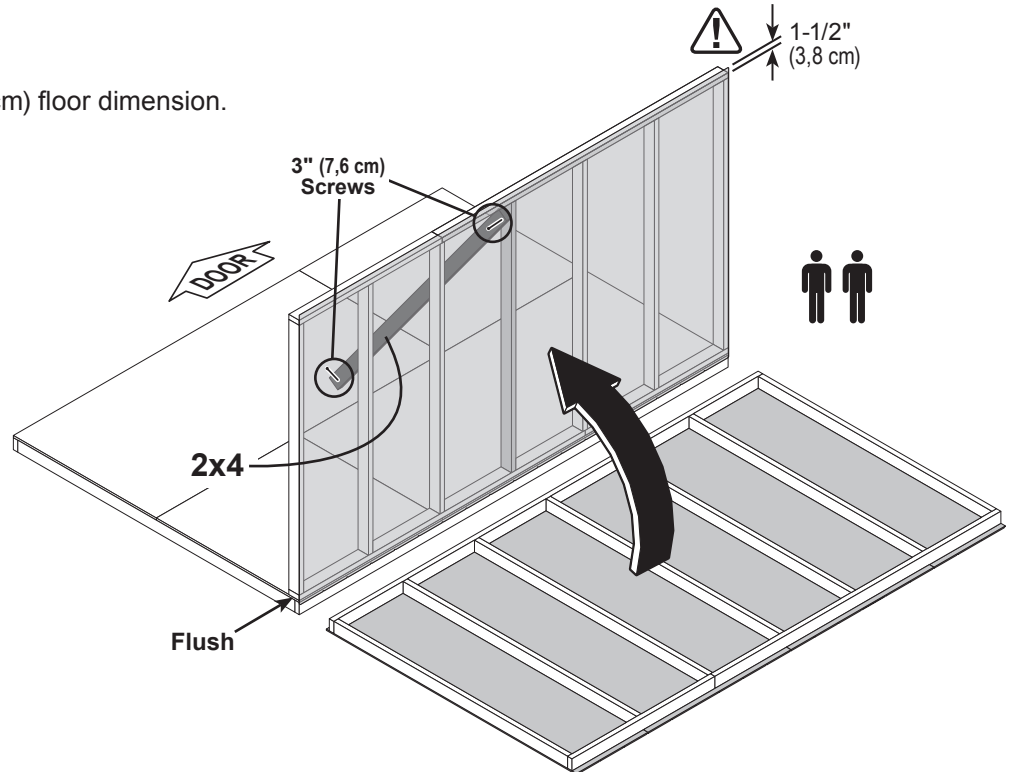
2

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
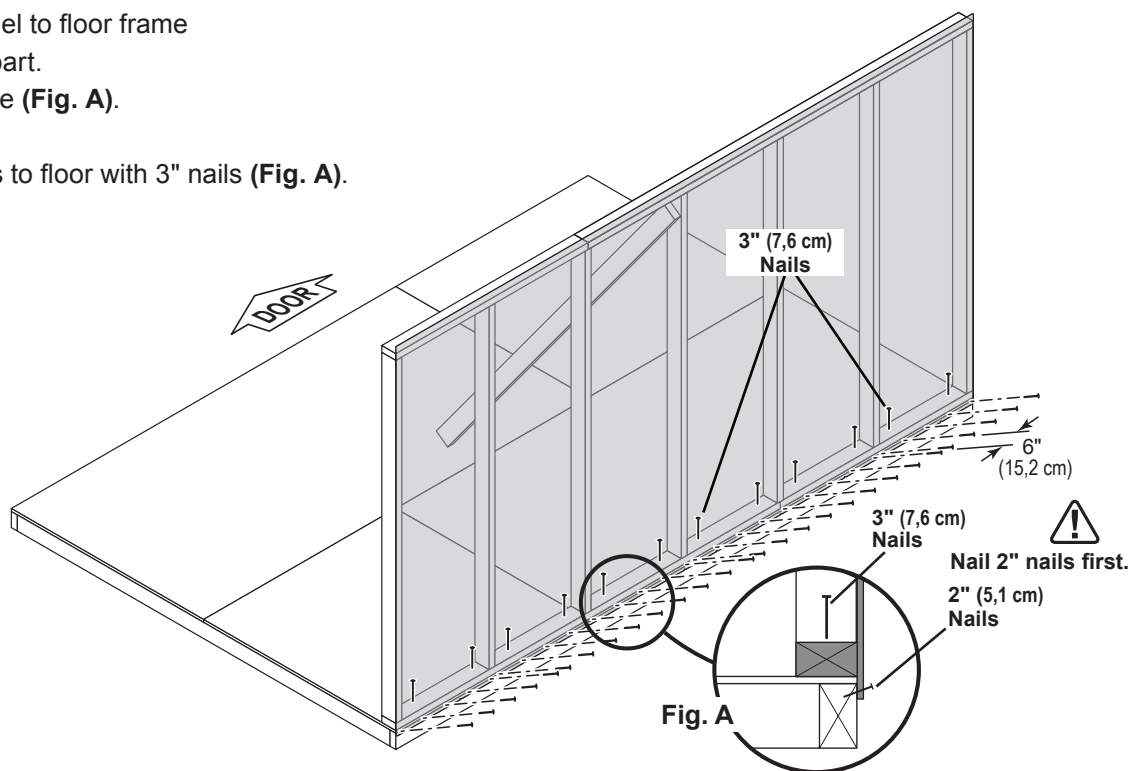
Your back wall is now installed.

LEFT WALL

PARTS REQUIRED

x18 — 2" (5,1 cm)

x11 — 1-1/2" (3,8 cm)

x1 — 3" (7,6 cm)

x2 — 2" (5,1 cm)

x8 — 3" (7,6 cm)
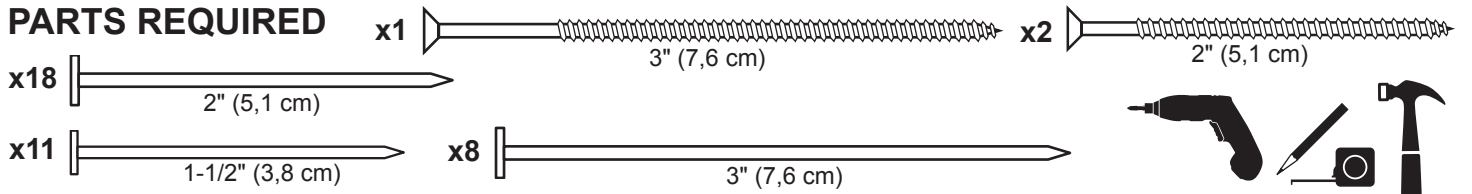
✓ BEGIN

1

Place 8' wall centered on floor.

1-1/2" (3,8 cm) overlap is to the top.

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

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

2" (5,1 cm) Screw
Fig. B

DOOR

Flush

2" (5,1 cm) Screw

Fig. A

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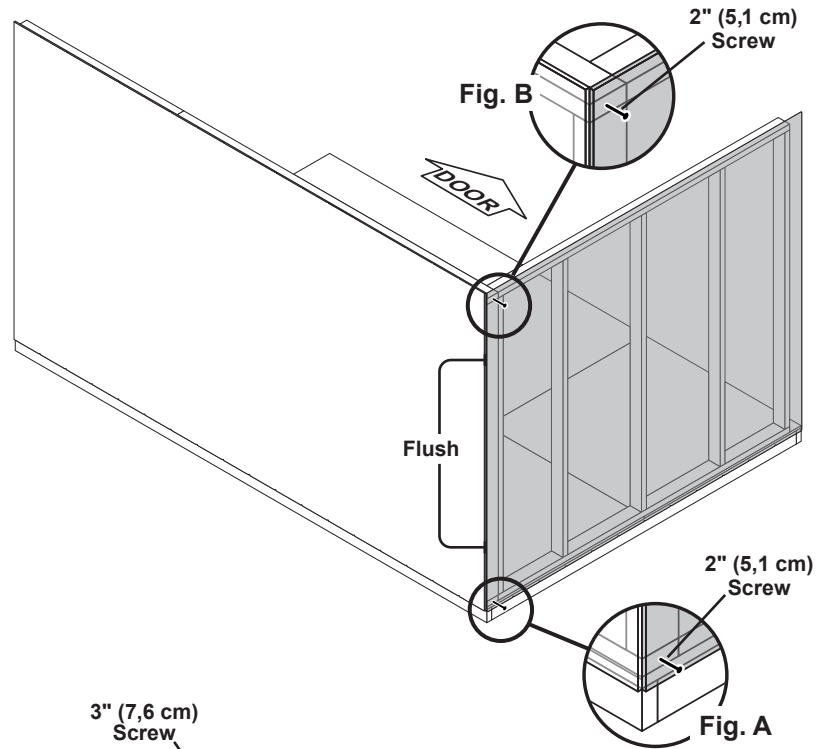
Nail lower edge of panels to floor with 2" nails spaced 6" apart.
Angle nails into floor frame **(Fig. C)**.

Nail panel to 12' wall stud with 1-1/2" nails spaced 6" apart.

3" (7,6 cm) Screw
Fig. D

DOOR

3

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

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

3" (7,6 cm) Nails

6" (15,2 cm)

6" (15,2 cm)

3" (7,6 cm) Nails

Nail 2" nails first. ⚠

Fig. C

2" (5,1 cm) Nails

2" (5,1 cm) Nails

🏁 FINISH
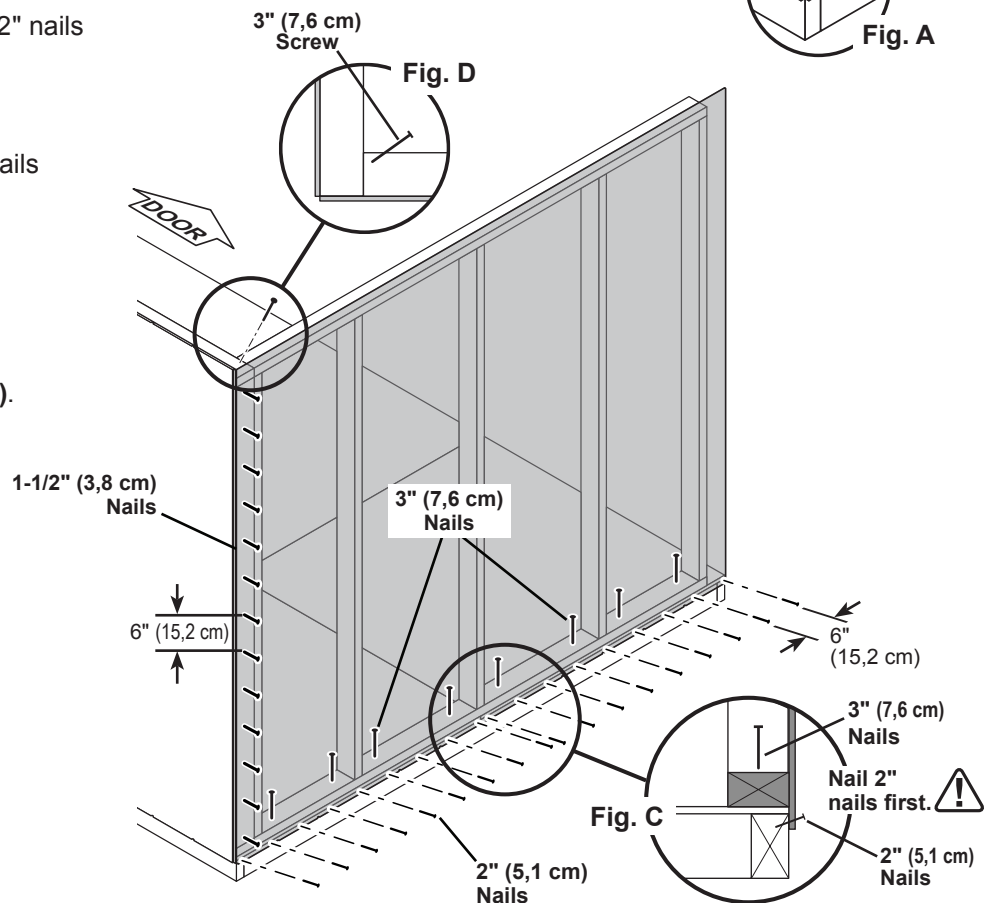
Your left wall is now installed.

FRONT WALL

PARTS REQUIRED:

x2 ⌁⌁⌁⌁⌁⌁⌁⌁⌁⌁⌁⌁ 2" (5,1 cm)

x8 ▬▬▬▬▬▬▬▬ 3" (7,6 cm)

x15 ▬▬▬▬▬ 2" (5,1 cm)

x1 ⌁⌁⌁⌁⌁⌁⌁⌁⌁⌁⌁ 3" (7,6 cm)

x11 ▬▬ 1-1/2" (3,8 cm)
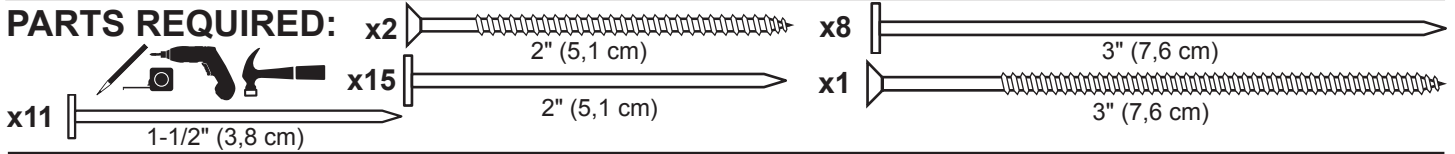
✓ **BEGIN**

1

Center front wall on floor.
1-1/2" (3,8 cm) overlap is to the top.

Fig. B

2" (5,1 cm) Screw

Flush

2" (5,1 cm) Screw

Fig. A

⚠ 1-1/2" (3,8 cm)

2

Secure wall with (1) 2" screw through
gable wall panel into 8' wall bottom
and top plates **(Fig. B, Fig. A)**.
Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

3" (7,6 cm) Nails

6" (15,2 cm)

2" (5,1 cm) Nails

⚠ **Nail 2" nails first.**

2" (5,1 cm) Nails

3" (7,6 cm) Nails
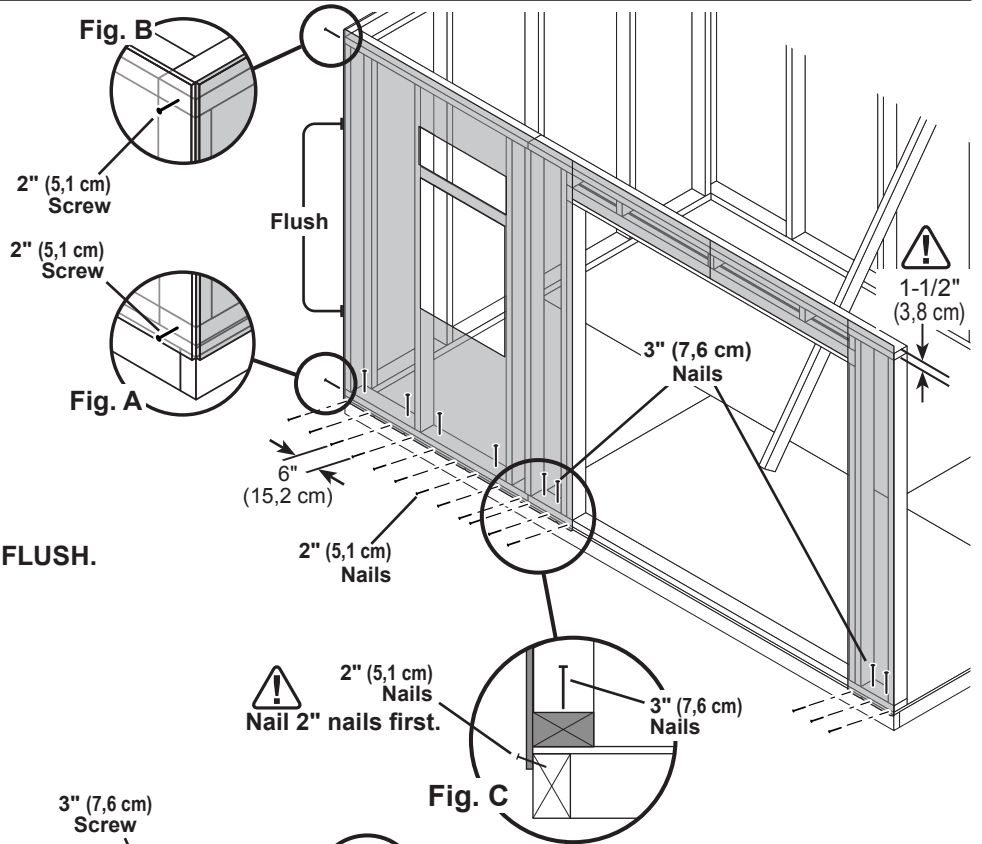
Fig. C

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)**.

3" (7,6 cm) Screw

Fig. D

6" (15,2 cm)

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

4

Nail 12' wall panel to 8' 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 front wall is now installed.

PARTS REQUIRED:

x8 — 3" (7,6 cm)

x18 — 2" (5,1 cm)

x2 — 3" (7,6 cm)

x4 — 2" (5,1 cm)

x22 — 1-1/2" (3,8 cm)
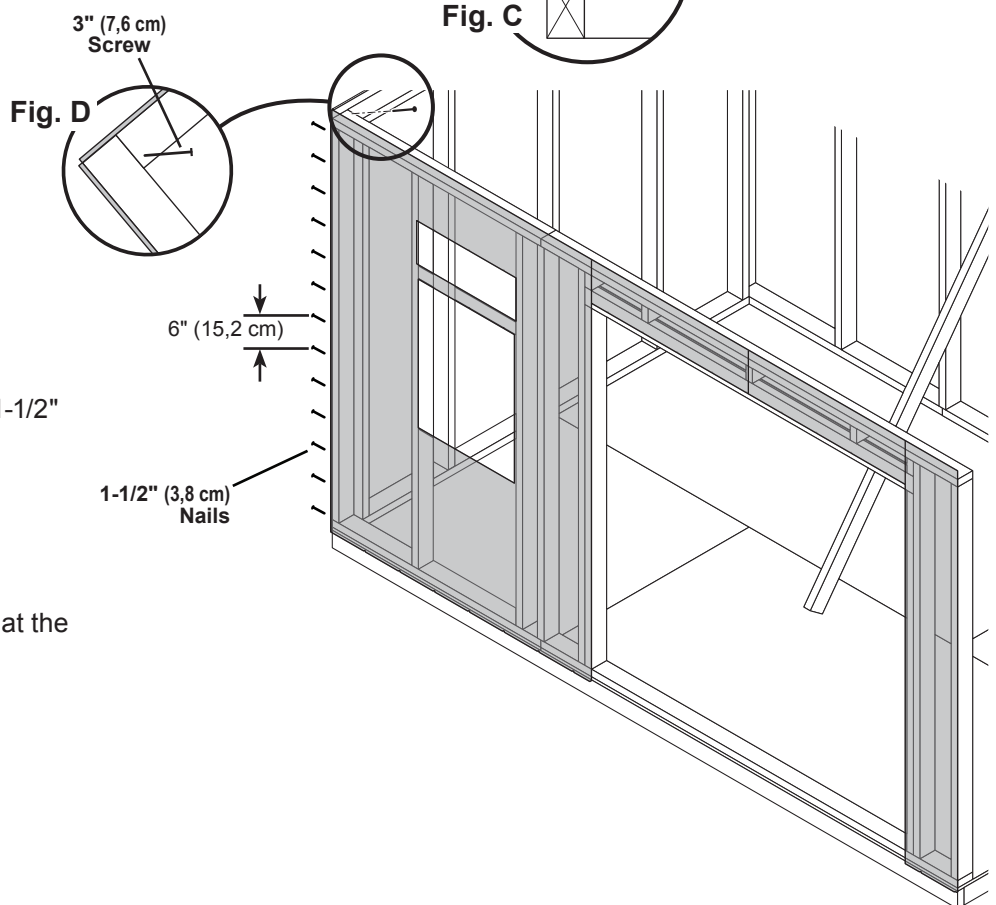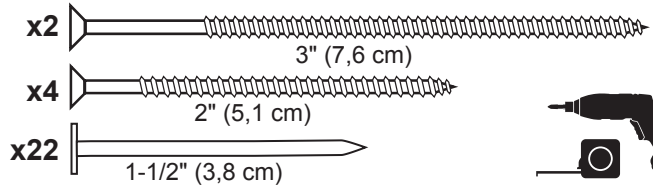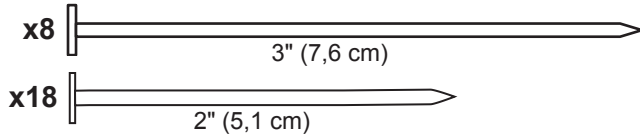
✓ BEGIN

1

Place 8' gable wall on floor, centered between installed walls.

Secure wall with (1) 2" screw through the eave wall panel into 8' 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

Flush

2" (5,1 cm) Screw

Fig. B

2" (5,1 cm) Screw

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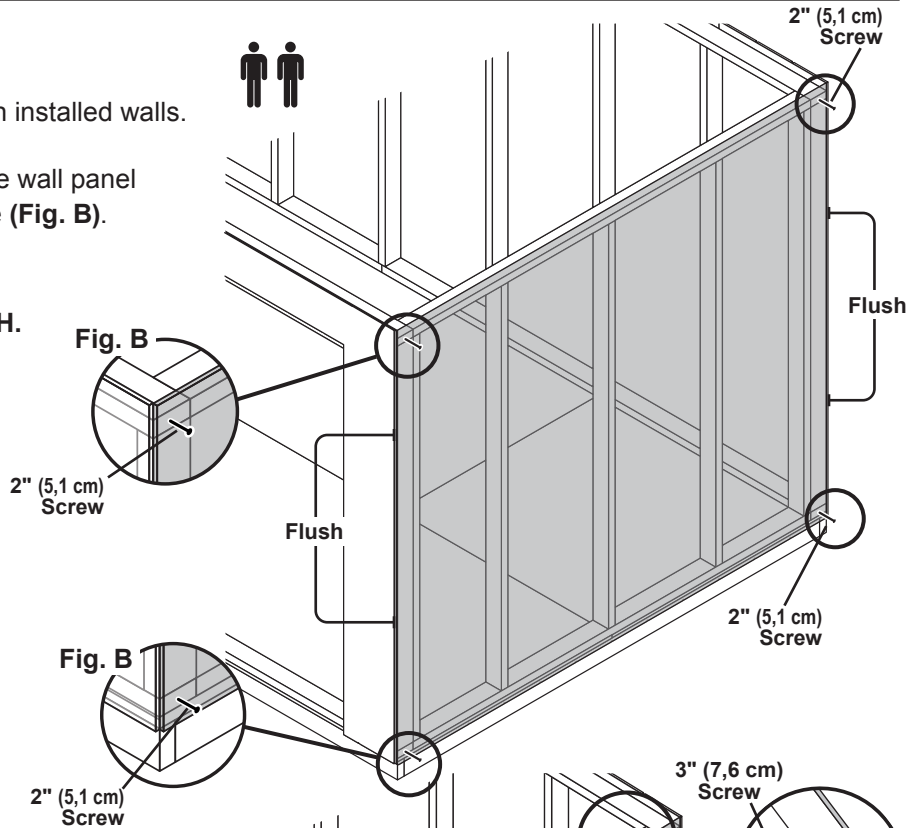
Nail lower edge of panels to floor with 2" nails spaced 6" apart. Angle nails into floor frame **(Fig. C)**.

3

Secure 8' wall panels to 12' wall studs with 1-1/2" nails spaced 6" apart.

Secure wall bottom plates to floor with 3" nails.

4

Secure wall top plates with (1) 3" screw at both corners, angled as shown **(Fig. D)**.

🏁 **FINISH**
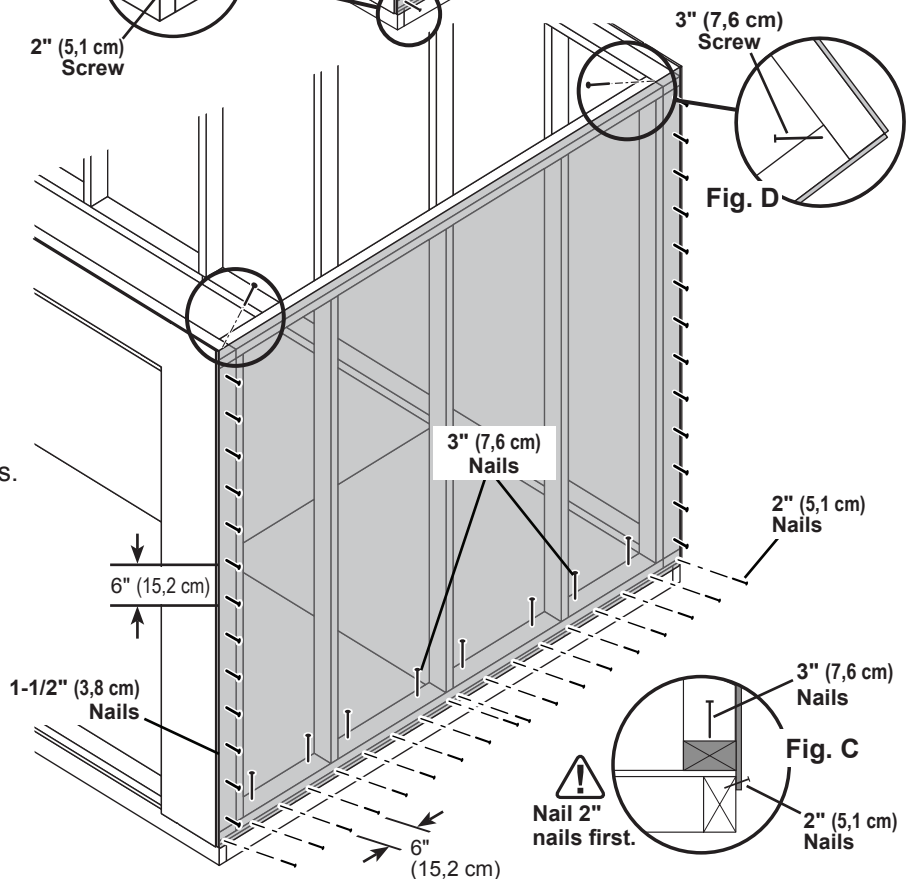
Your walls are now installed.

3" (7,6 cm) Screw

Fig. D

3" (7,6 cm) Nails

2" (5,1 cm) Nails

6" (15,2 cm)

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

3" (7,6 cm) Nails

Fig. C

⚠ **Nail 2" nails first.**

2" (5,1 cm) Nails

6" (15,2 cm)

WINDOW FRAMING

PARTS REQUIRED:

x1 | CQA | 2 x 4 x 4" (5,1 x 10,2 x 8,9 cm)

x1 | LV | 2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)

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

x10

x6 3" (7,6 cm)
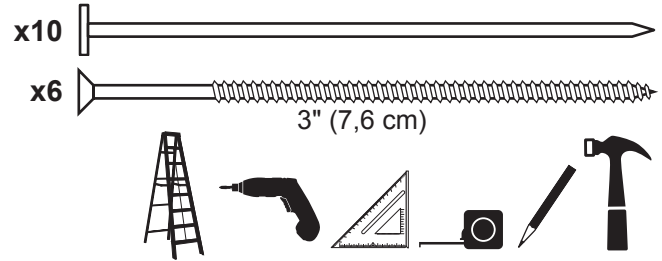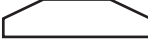
✓**BEGIN**

1 Install **LV** with flat side flush to wall panel between panel window cutouts.
On the right side stud, secure parts with (2) 3" nails at each connection.
On the left stud, angle (2) 3" screws to secure parts.

2 Install (2) **AO** flush to wall panel and flush to edge of panel window cutouts.
On the right side stud, secure parts with (2) 3" nails at each connection.
On the left stud, angle (4) 3" screws to secure parts.

3 Install **CQA** with narrow edge flush to wall panel, between top plate and **AO** at measurement shown.
Secure with (4) 3" nails.

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

Edge to edge

AO

CQA

NOTE: Install LV first.

LV

Flush

2-1/2" (6,3 cm)

3" (7,6 cm) Screws

Flush

3" (7,6 cm) Nails

AO

Flush

3" (7,6 cm) Screws

27
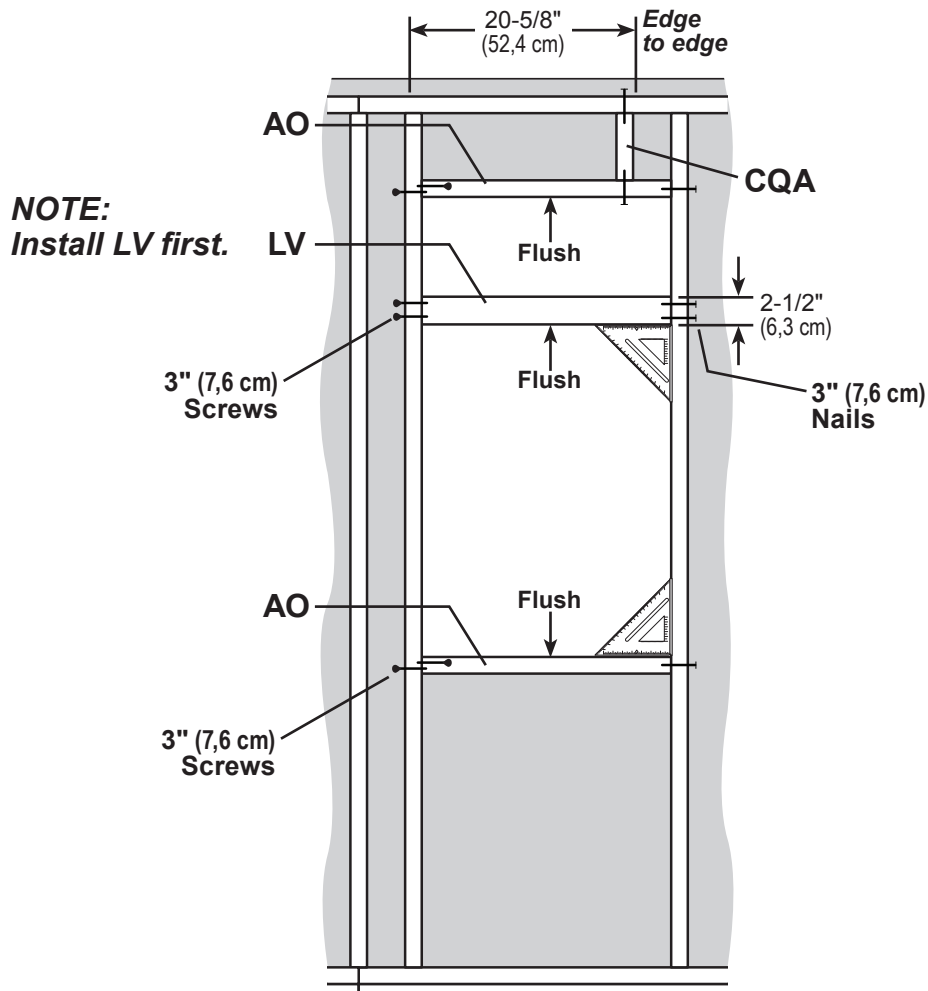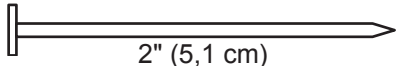
RAFTERS

PARTS REQUIRED:

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

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

x144 2" (5,1 cm)

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

✓ **BEGIN**

1 Place (2) rafter-halves into corners on bottom plates flush to gable wall studs and flush to front and back wall panels.

Secure gusset to rafter with 2" nails in the pattern shown. Maintain 1/4" gap **(Fig. A, Fig. B)**.

Repeat STEP 1 to build (1) more rafter with only (1) gusset. *Set these (2) rafter assemblies aside for later use.*

2 Place (2) rafter-halves into corners on bottom plates flush to gable wall studs and flush to front and back wall panels.

Secure gusset to rafter with 2" nails in the pattern shown. Maintain 1/4" gap **(Fig. A, Fig. C)**.

Turn rafter assembly over. Nail second gusset to back side of rafter.

Repeat STEP 2 to build (5) more rafters with (2) gussets.

HINT:
Use floor and walls to help assemble rafters!

96"
(243,8 cm)

Fit base of rafter flush to back wall studs and wall panels.

Flush to panel

Flush to panel

Fig. A

Gap 1/4" (6 cm)

CENTER

Touch at peak.

AA

Use a 2x4 as a support

Fig. B - Build 2

96"
(243,8 cm)

Fig. C - Build 5

96"
(243,8 cm)
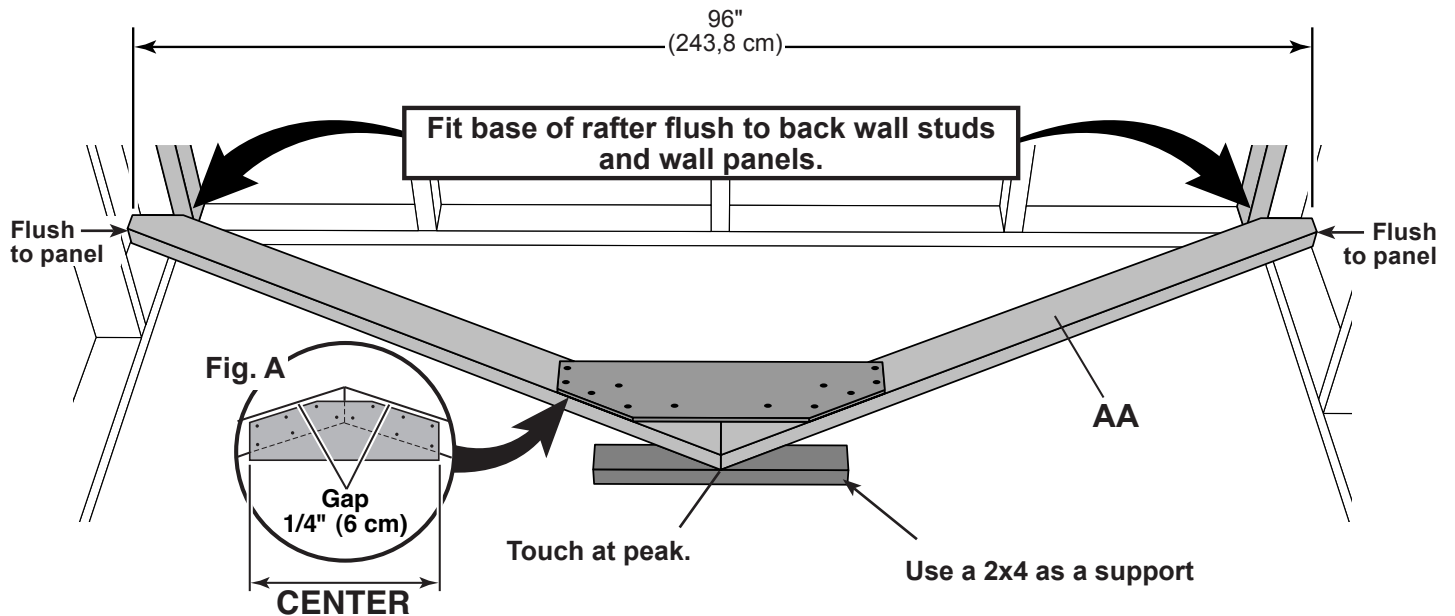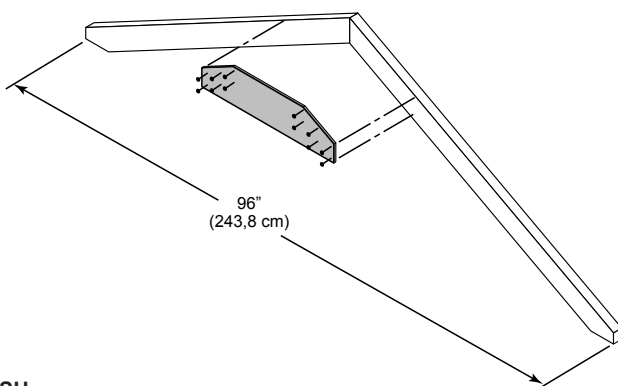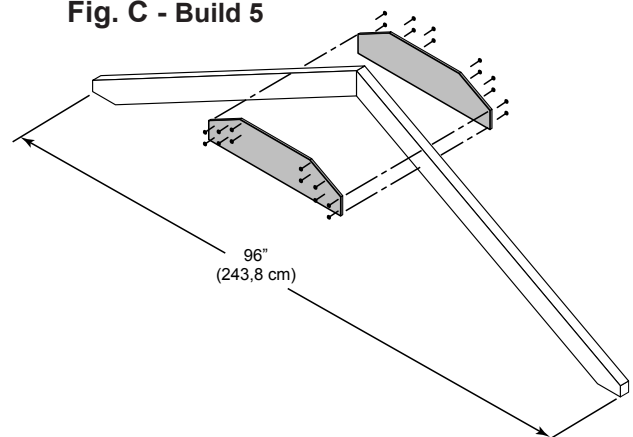
🏁 **FINISH**

Your rafters are now assembled.

RAFTER INSTALLATION

PARTS REQUIRED:

x20 ⊏▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭
3" (7,6 cm)

x5 Pre-assembled Rafter
with 2 Gussets
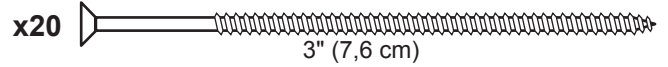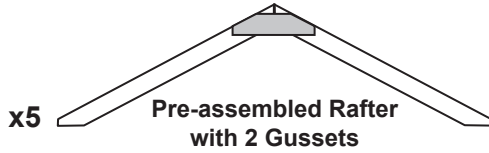
✓**BEGIN**

1

Secure rafters to top plate at measurements shown with (2) 3" screws in rafter ends **(Fig. A)**.
Install single-gusset rafters at each end, with gusset facing inward.

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

**Measure from
outside of panel**

Fig. A

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

**Flush to
inside of
panel**

Fig. B

**Measure from
outside of panel**
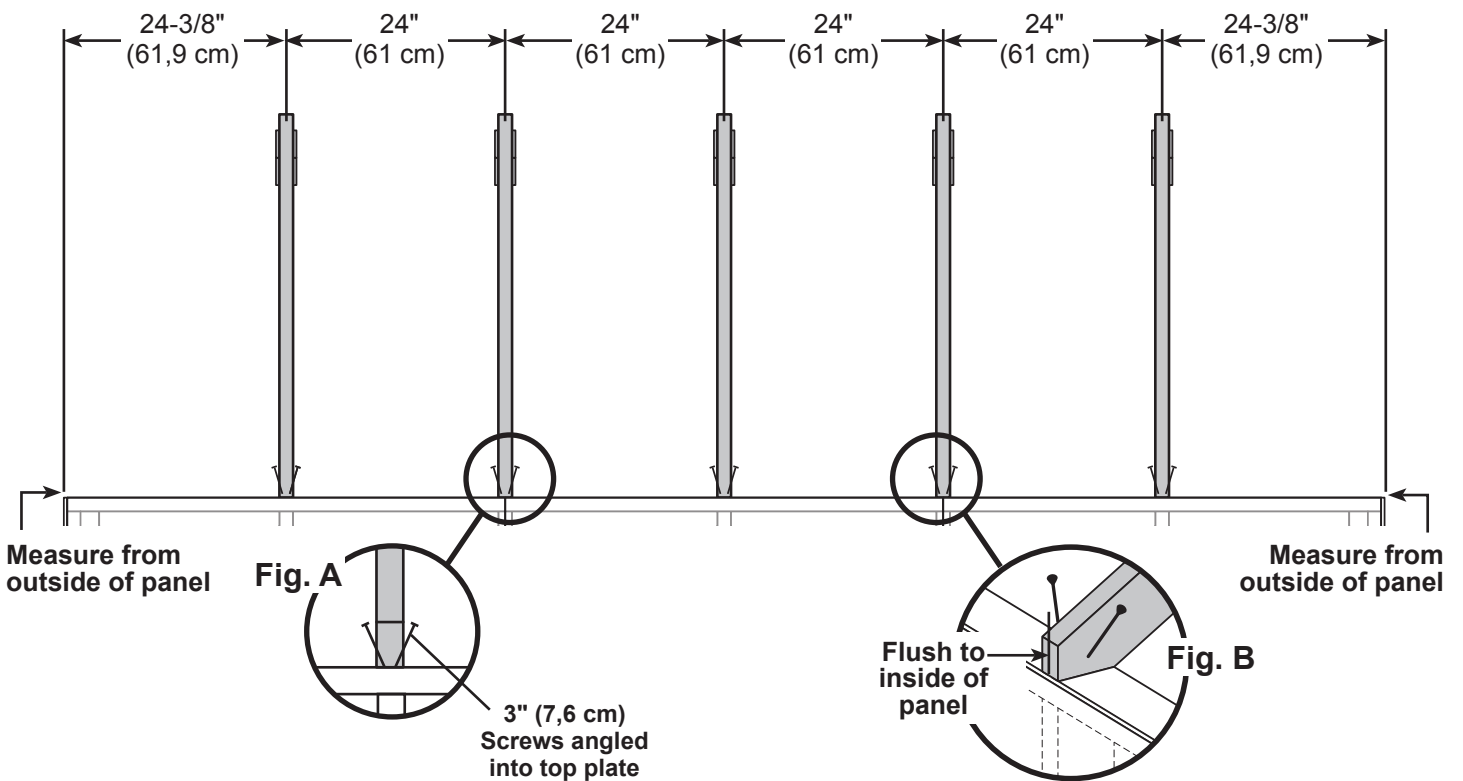
🏁**FINISH**

Your rafters are now installed.

GABLE UNITS

PARTS REQUIRED:

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

x2

x2
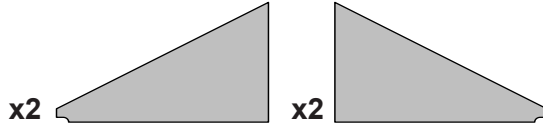
x20 1-1/2" (3,8 cm)
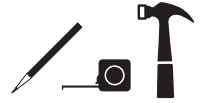
Assemble gable unit panels with the primed side facing up.

✓**BEGIN**

1 Orient parts **ARC** on the flat side, as shown.

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

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

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

ARC (on flat)

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

1-1/4"
(3,2 cm)
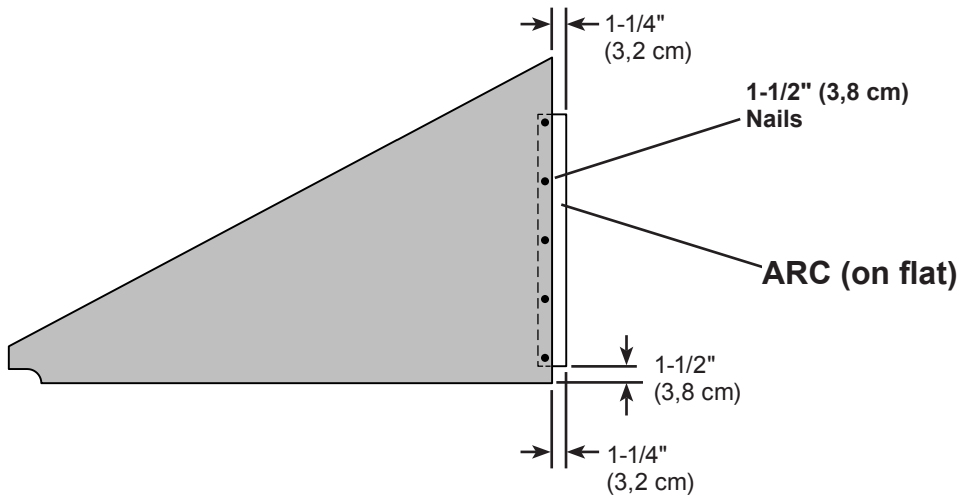
2 Place right gable panel flush to left panel. Secure with 1-1/2" nails as shown.

1-1/2" (3,8 cm)
Nails
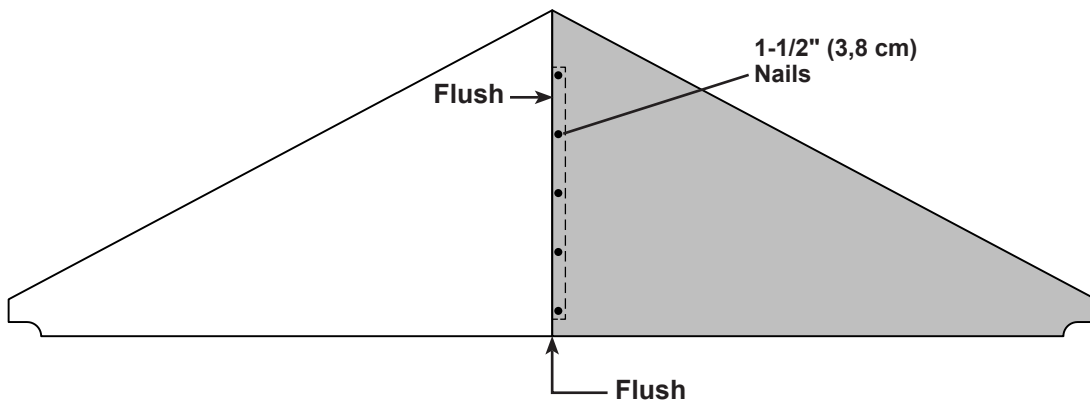
Flush →

Flush

Repeat STEPS to build a 2nd gable unit.

GABLE UNITS

PARTS REQUIRED:

x2 — **Pre-assembled Rafter with 1 Gusset**

Gable Unit

x2

x40 — 1-1/2" (3,8 cm)
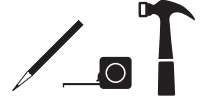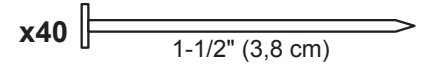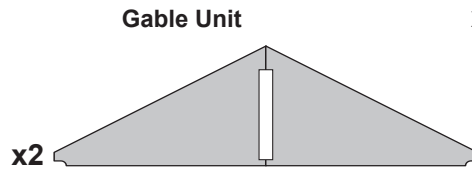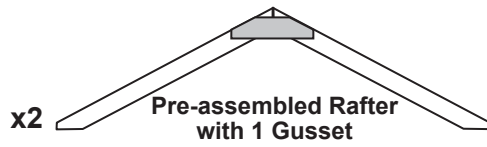
3 Place rafter on flat surface with gusset side down. Place gable unit on rafter as shown.
Flush gable unit to peak of rafter and flush along top of rafter.

Secure with 1-1/2" nails spaced 6" along edge

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

Flush

Flush

Flush
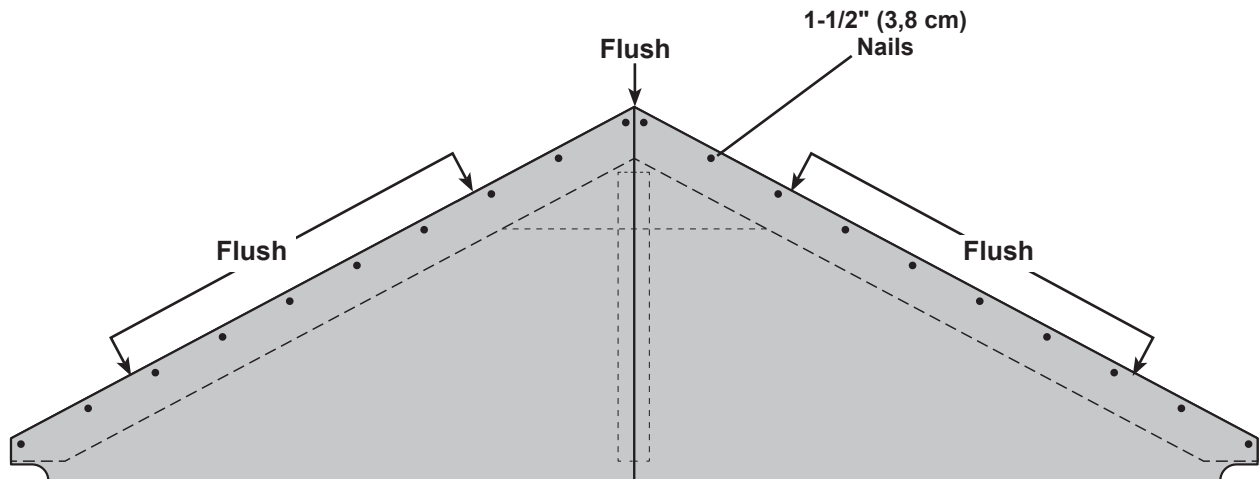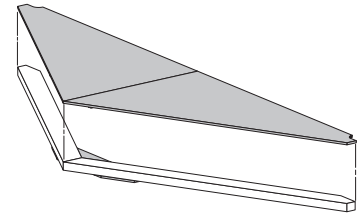
Repeat STEP 3 to assemble 2nd gable unit.

FINISH

Your gable units are now assembled.

GABLE UNIT INSTALLATION

PARTS REQUIRED: x36 |———— 2" (5,1 cm) ————→ x4 ≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡≡→ 3" (7,6 cm)
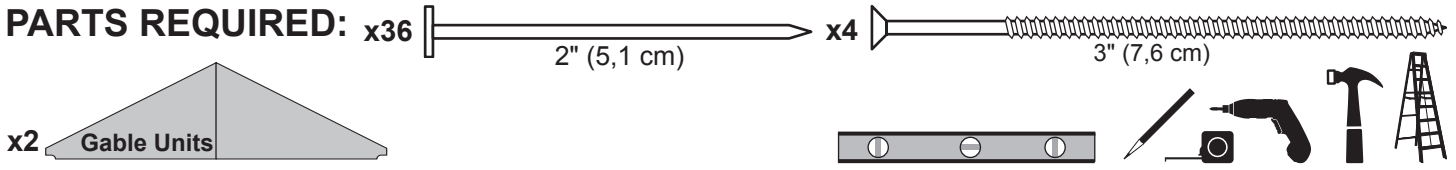
x2 **Gable Units**

✓**BEGIN**

Place gable unit on front wall top plate.

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

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

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

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

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

NAIL FIRST
2" (5,1 cm)

1-1/2"
(3,8 cm)
Measure and
Mark

TOP PLATE

6"
(15,2 cm)

ARC

Fig. A

3" (7,6 cm)
Screws

1-1/2"
(3,8 cm)
Measure and
Mark

NAIL FIRST
2" (5,1 cm)
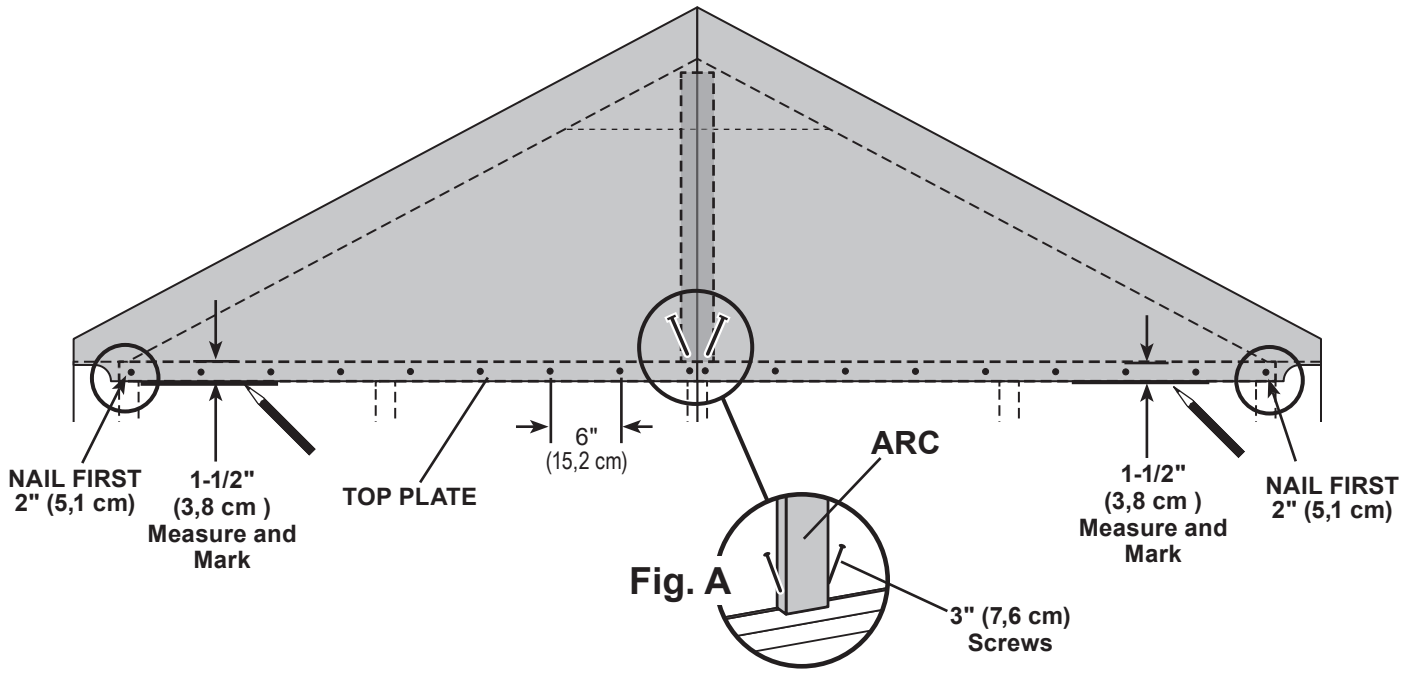
4 Continue securing panels to rafter with 2" nails spaced 6" apart.

Repeat steps to install the opposite side gable unit.
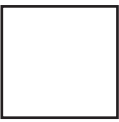
🏁**FINISH**
Your gable units are now installed

PARTS REQUIRED:

x4 ———————————————→
2" (5,1 cm)

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

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

[GAA]
3/4" GAUGE BLOCK
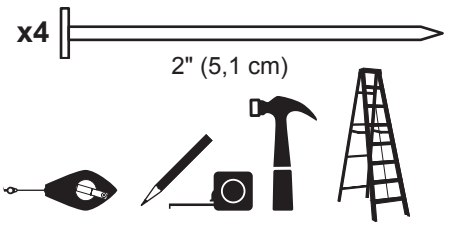
⚠ **Roof panels may cause serious injury until securely fastened.**
Note: Install all roof panels with the rough side up (painted grid lines).

✓**BEGIN**

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

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

Flush at peak.

Fig. B

Gauge Block

Fig. A

Two Nails

10-3/4" x 96"

3/4"
(1,9 cm)

DOOR
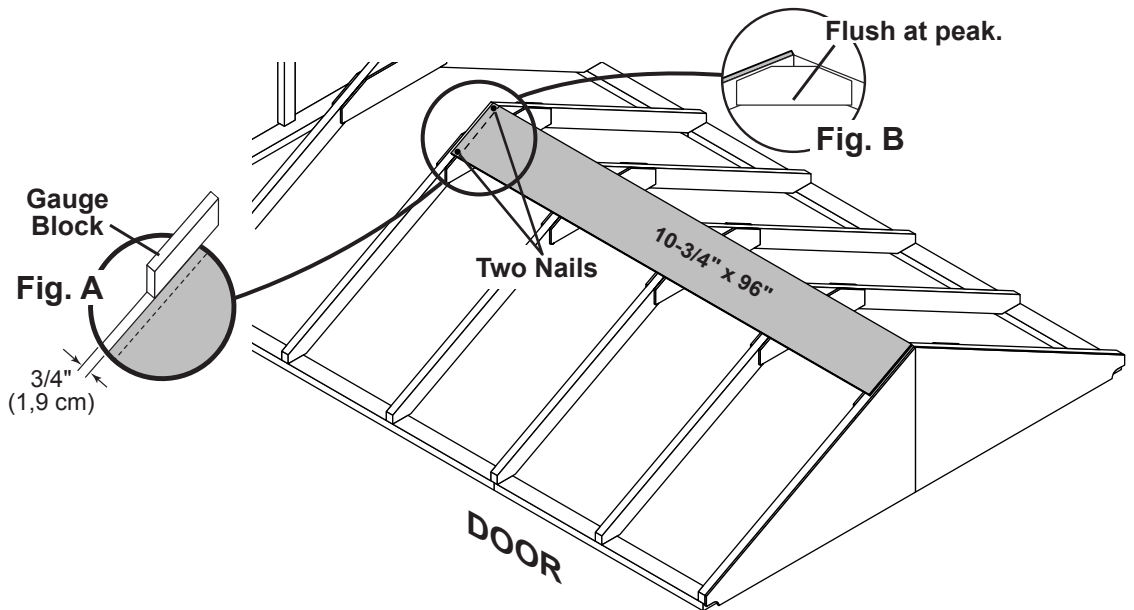
2 Move to the opposite end.
Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the peak **(Fig. B)** and there is a 3/8" measurement to the gable end rafter **(Fig. C)**. Move the gable unit if necessary.

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

Flush at peak.

Two Nails

Fig. B

3/8"
(0,9 cm)

Move Gable

DOOR

Fig. C

Gable End Rafter

PARTS REQUIRED:

x4 ⊨══════════════════▷
2" (5 cm)
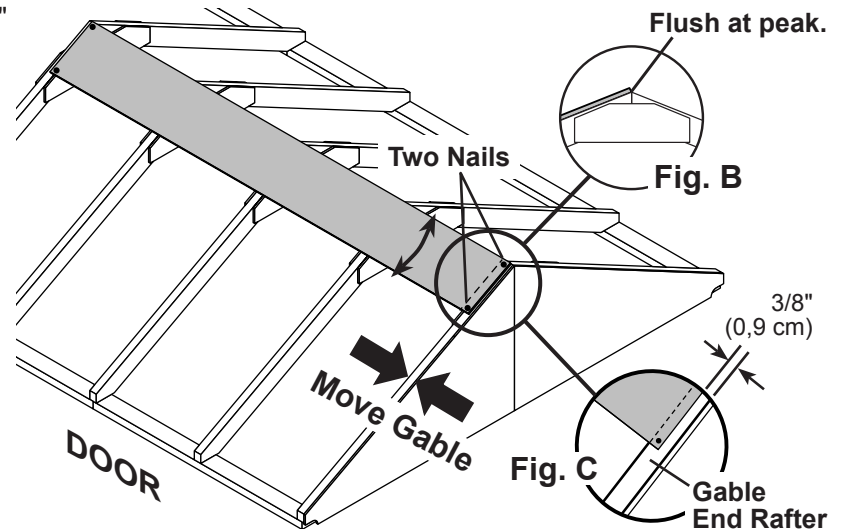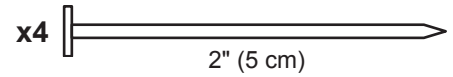
3 Install a **47-7/8" x 48"** roof panel flush to the installed panel, flush at peak **(Fig. B)** and with a 3/4" measurement on the rafter **(Fig A)**.

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

Flush at peak.

Fig. B

Flush →

47-7/8" x 48"

3/4"
(1,9 cm)

Gauge Block

Fig. A

Two Nails

DOOR
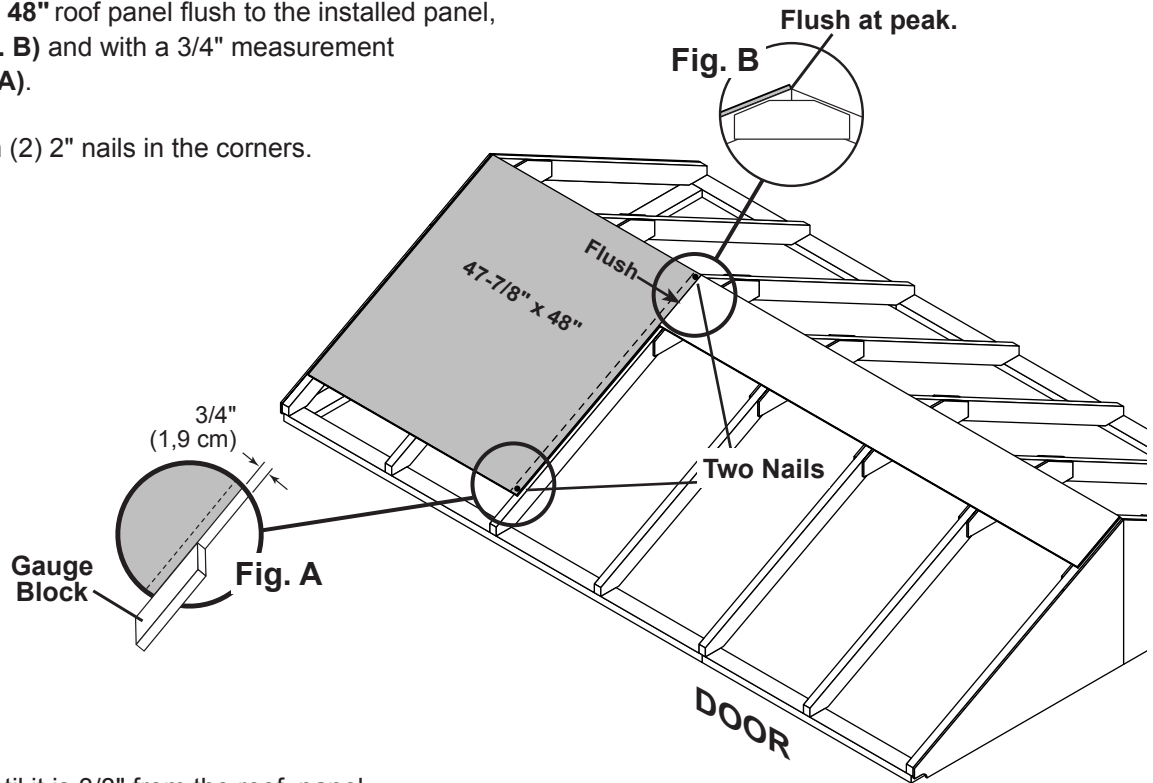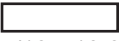
4 Move the gable until it is 3/8" from the roof panel **(Fig. C)**.
Flush the panel at the peak of the gable rafter **(Fig. B)**.

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

Flush at peak.

Fig. B

3/8"
(0,9 cm)

Fig. C

Gable End Rafter

Move Gable

Two Nails

DOOR
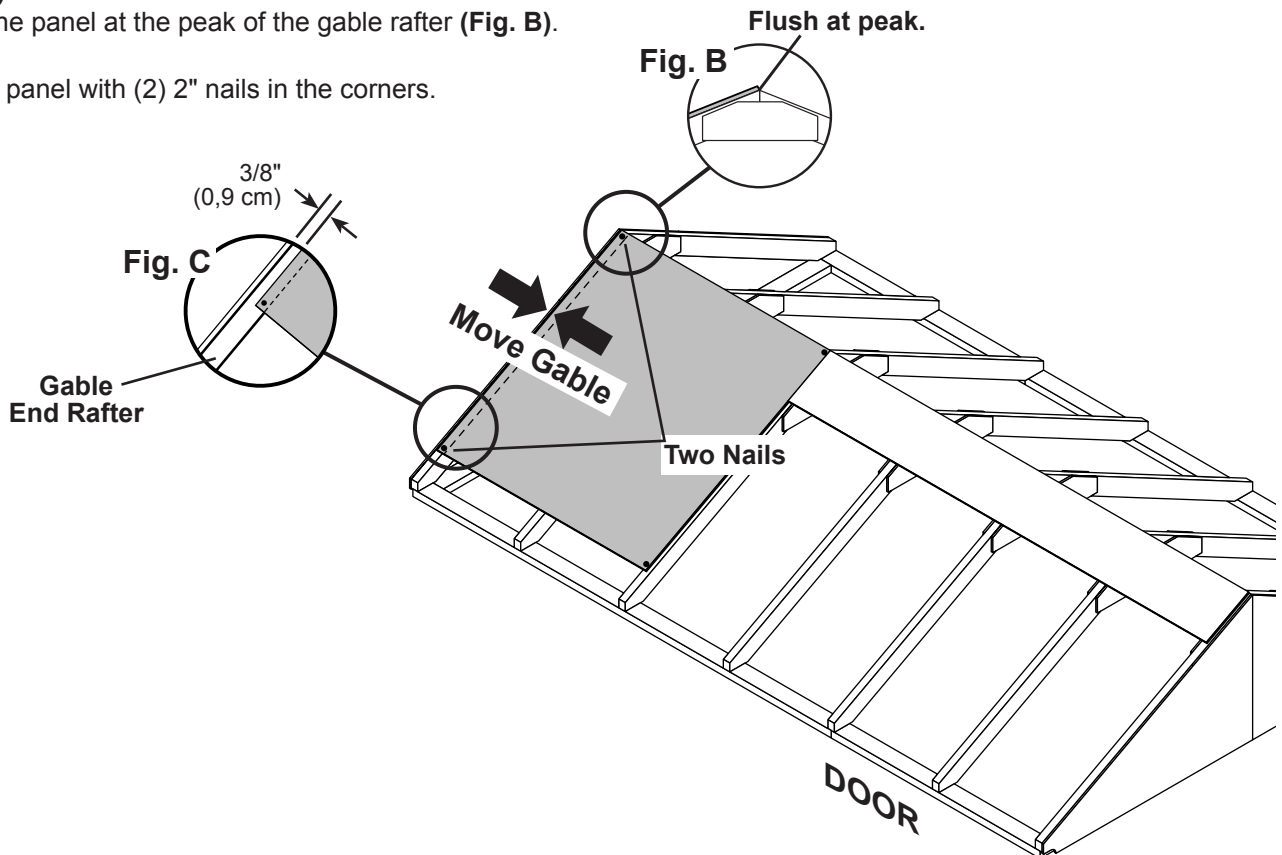
PARTS REQUIRED:

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

x2
7/16 x 48 x 96"
(1,1 x 121,9 x 243,8 cm)
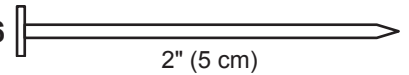
x16
2" (5 cm)

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

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

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

Fig. D

NOTE: Measurements are to outside of rafter.

| 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) | 24" (61 cm) |

2" (5,1 cm) Nails
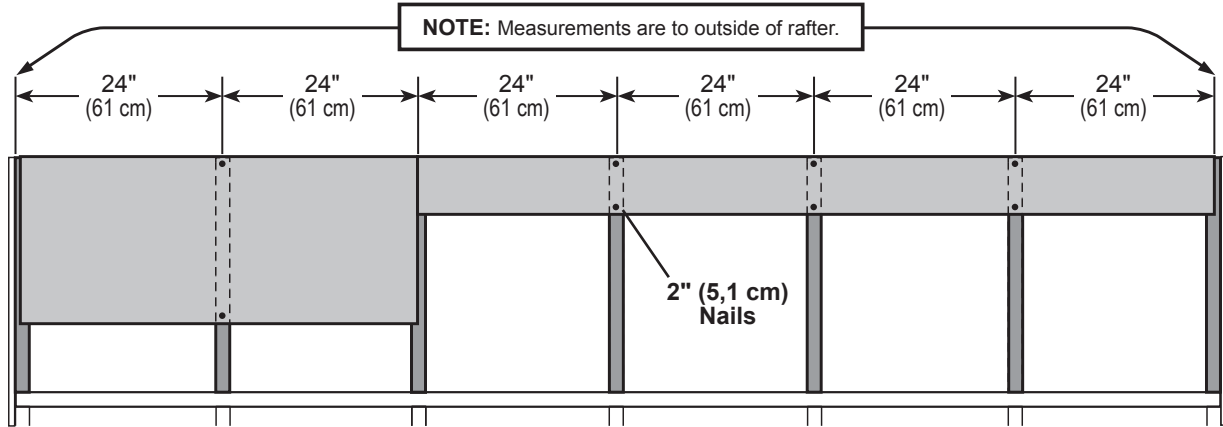
6 Install **48" x 96"** and **10-3/4" x 48"** roof panels flush to the installed panels.

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

2" (5,1 cm) Nails

Flush

Flush

10-3/4" x 48"

Flush

48" x 96"

Flush

DOOR
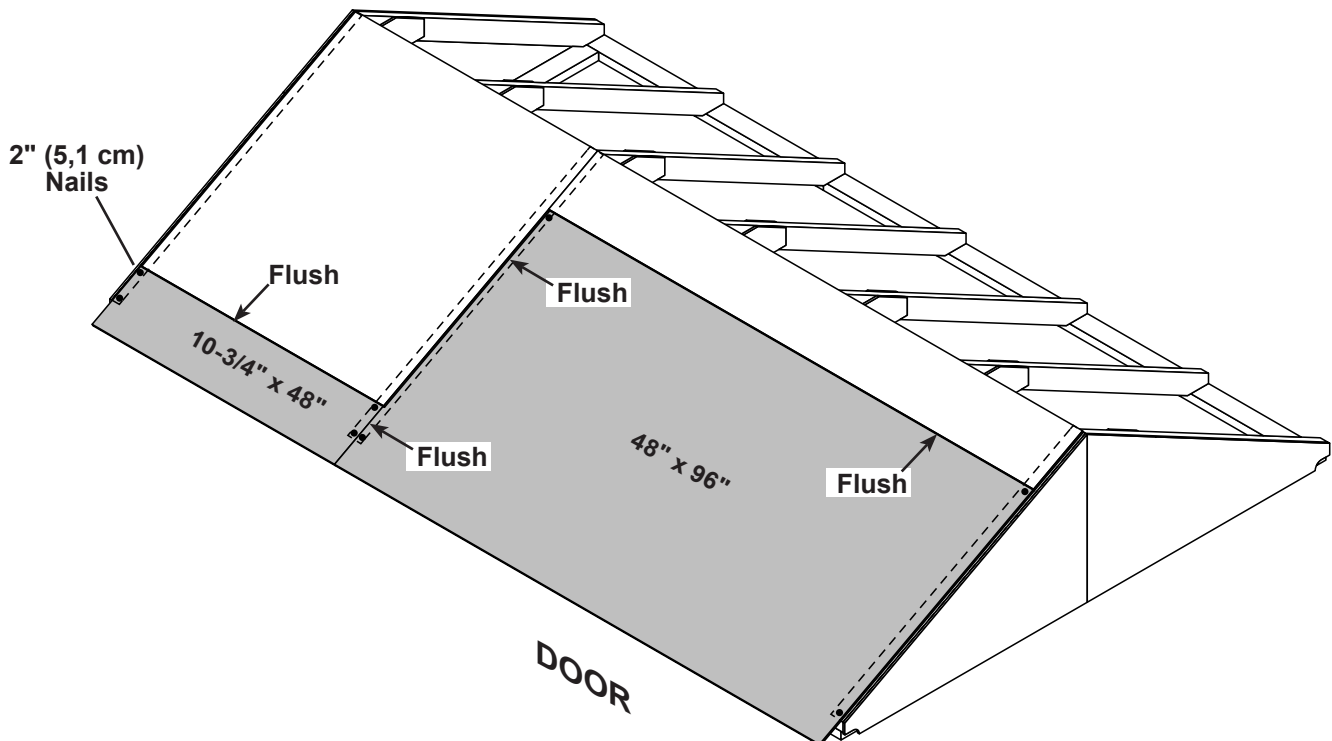
ROOF PANELS

PARTS REQUIRED:

x124 2" (5,1 cm)
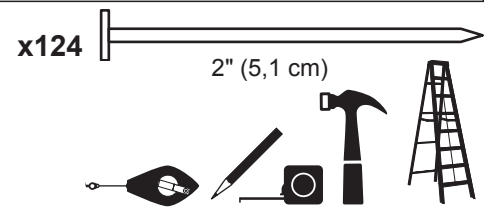
7 Secure all roof panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.

6"
(15,2 cm)

12"
(30,5 cm)

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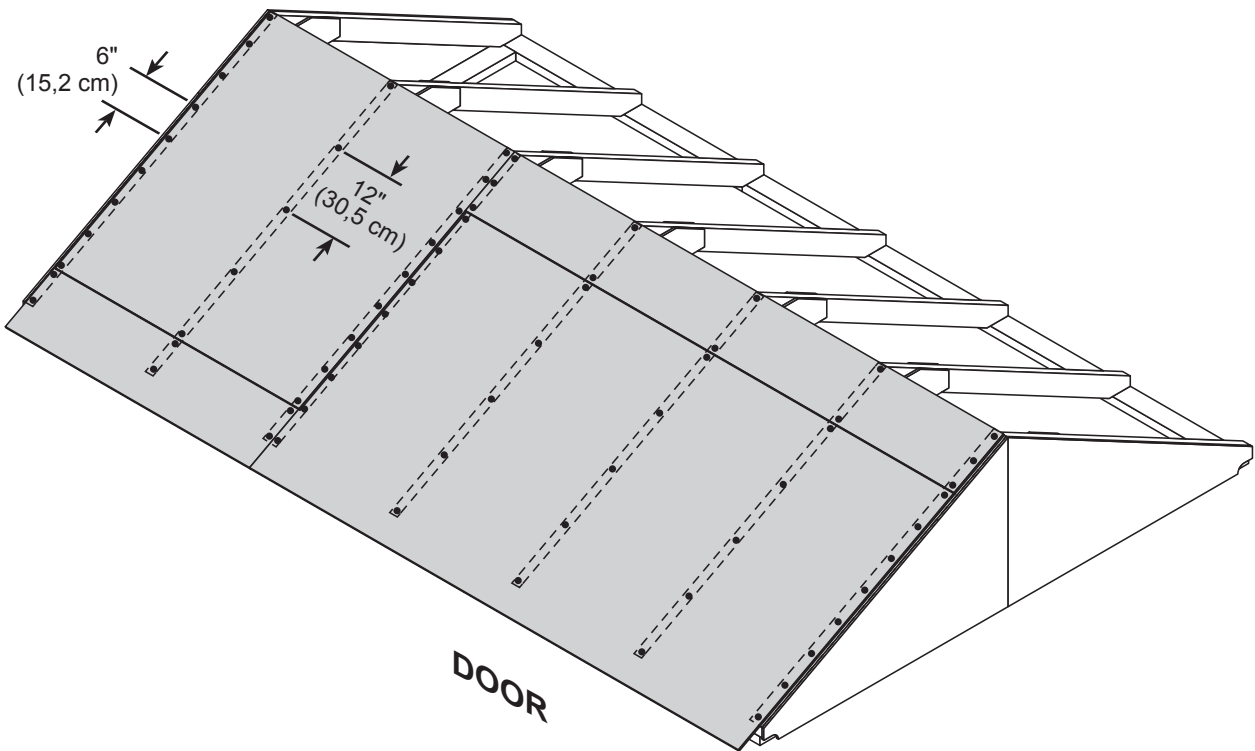
Repeat all steps to install roof panels on the opposite side.

FINISH
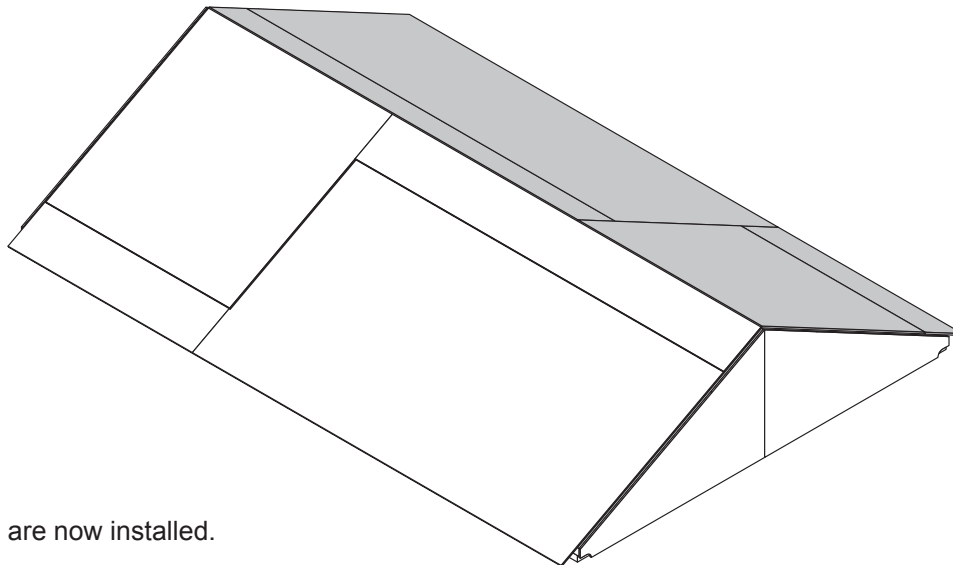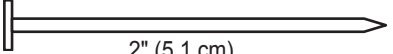
Your roof panels are now installed.

Remove all the temporary wall supports.

COLLAR TIES

PARTS REQUIRED:

x2 | **GUA**

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

x12 2" (5,1 cm)
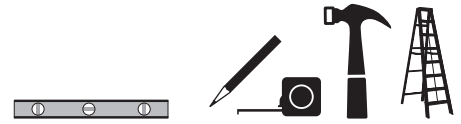
✓**BEGIN**

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

Ensure collar tie is level and flush to roof panels.

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

GUA

Flush **LEVEL** **Flush**

2nd Rafter

GUA

4th Rafter **LEVEL**

DOOR

NOTE: 2" nails from from back side of rafter

🏁**FINISH**
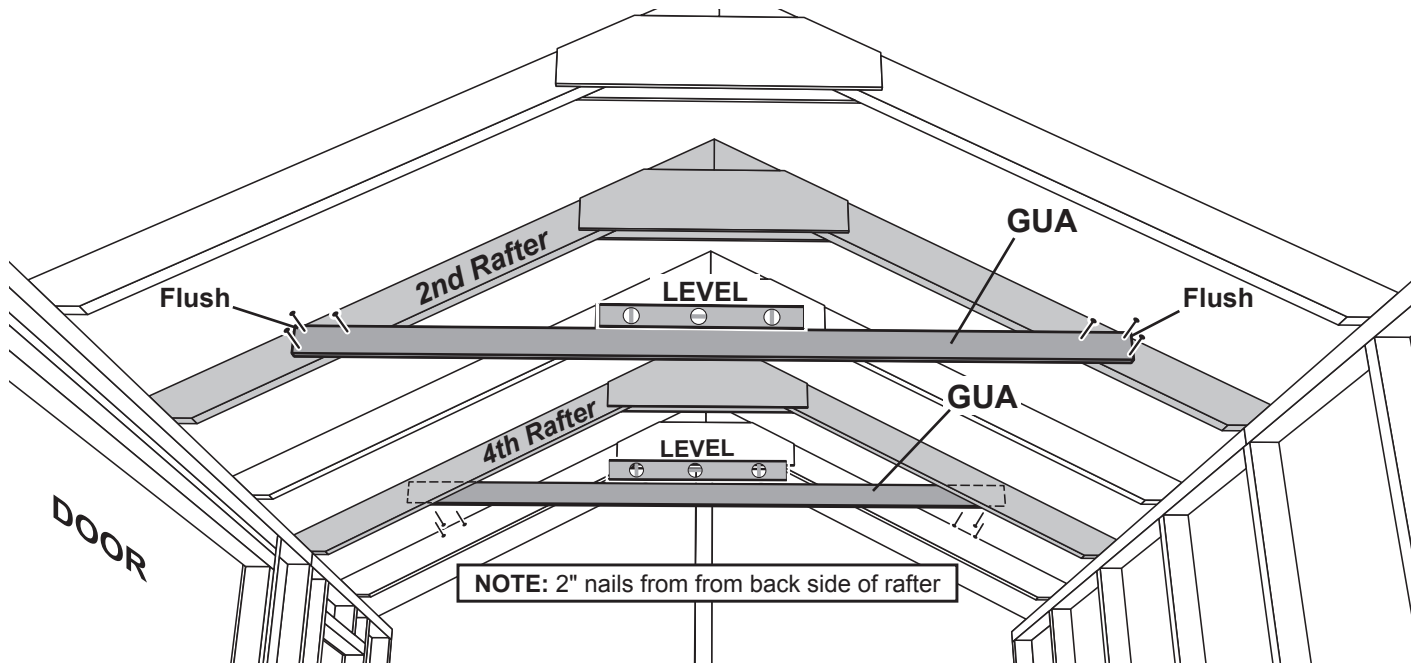
Your collar ties are now installed.

PARTS REQUIRED:

x40 [============================]
2" (5,1 cm)

x2 [REL]
19/32 x 3-1/2 x 60-1/8" (1,5 x 8,9 x 152,7 cm)

x2 [RER]
19/32 x 3-1/2 x 60-1/8" (1,5 x 8,9 x 152,7 cm)
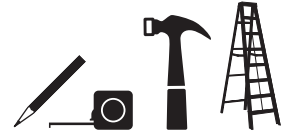
✓**BEGIN**

1 Install **REL** and **RER** primed side out, flush to top of roof panels and flush at peak.

Secure trim to rafter with 2" finishing nails spaced evenly and as the pattern below shows.

Flush at peak

Flush

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

*SPACED
EVENLY*
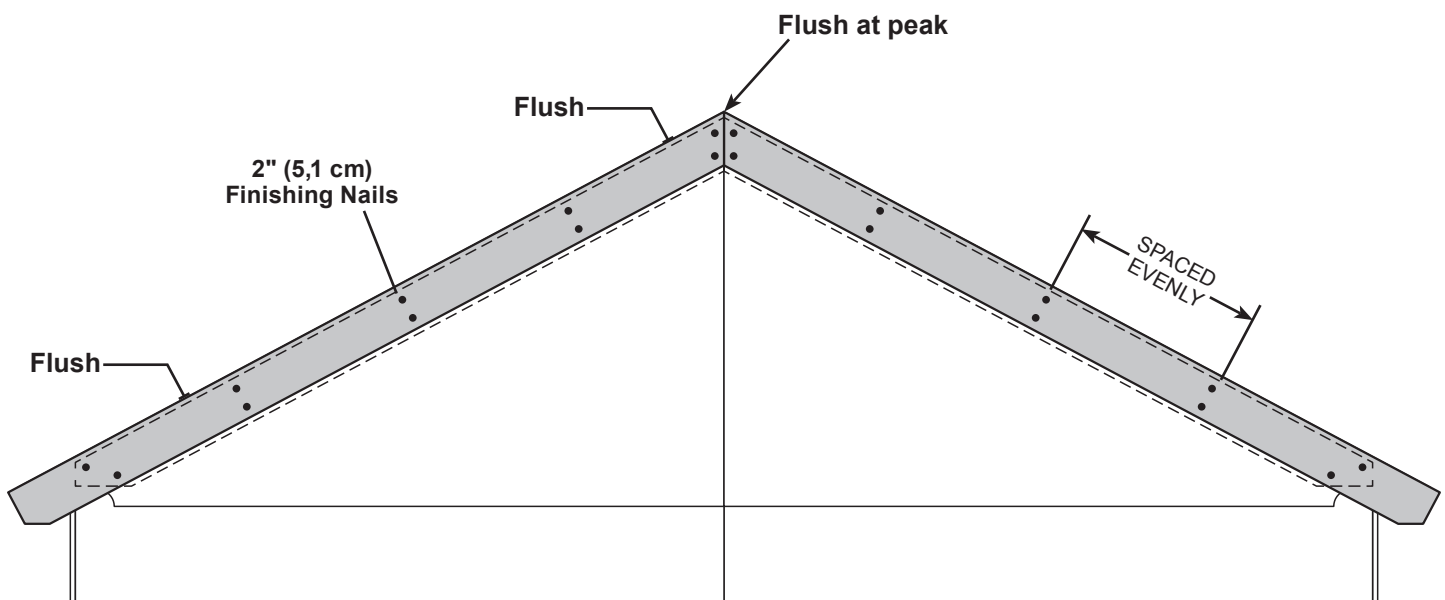
Flush

Repeat steps to install **REL** and **RER** on opposite side.

🏁**FINISH**

Your gable trim is now installed.

SOFFIT TRIM

PARTS REQUIRED:

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

x2 NKA
2 x 4 x 49-1/2" (5,1 x 10,2 x 125,7 cm)

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

✓**BEGIN**

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

NKA

Flush at seam

TP

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

9-1/2"
(24,1 cm)
APPROX.

TP

Flush at seam

NKA
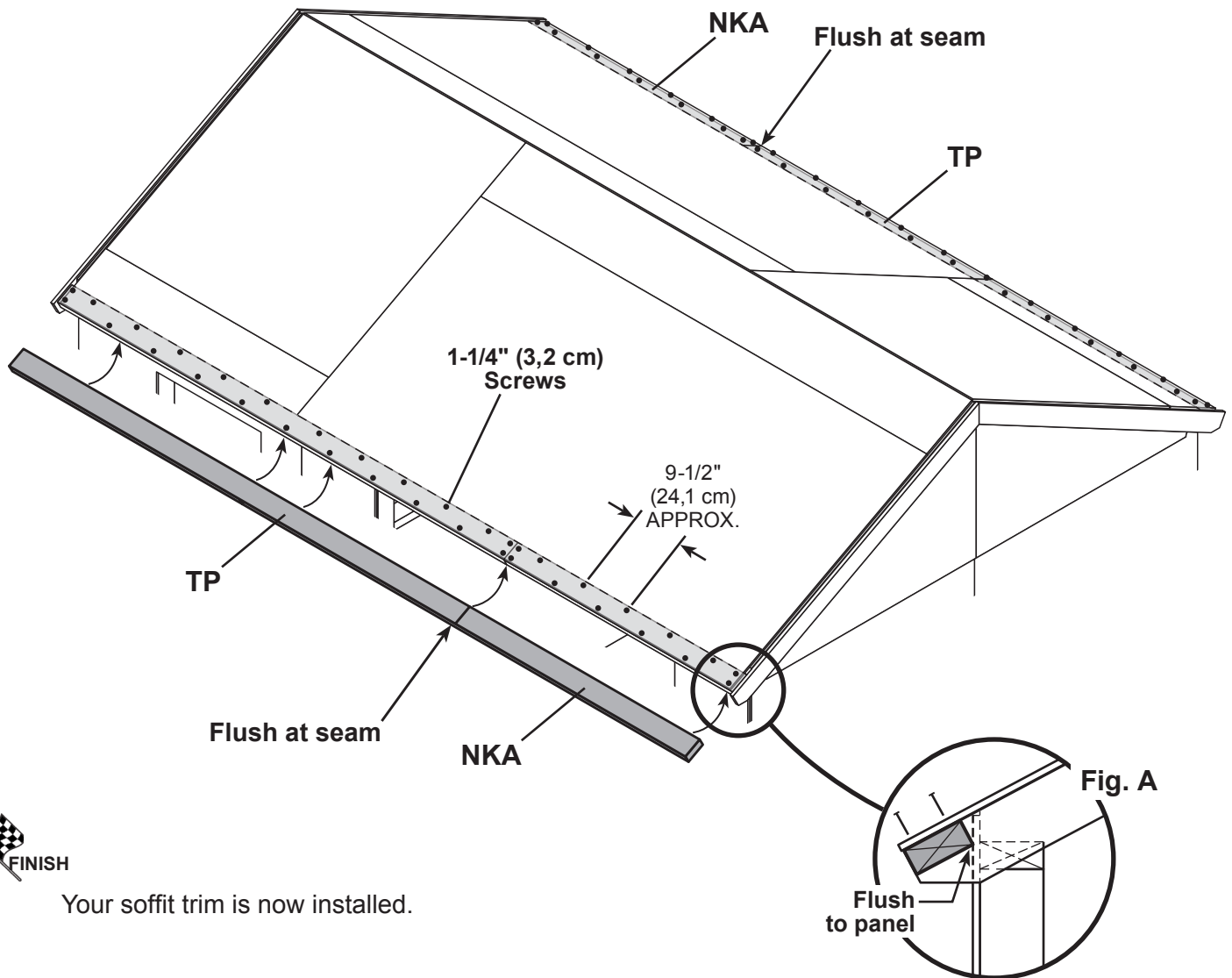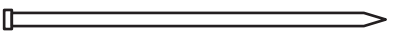
Fig. A

Flush
to panel

🏁**FINISH**

Your soffit trim is now installed.

EAVE FASCIA

PARTS REQUIRED:

x20 ▭━━━━━━━━━━
2" (5,1 cm)

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

✓**BEGIN**

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

Secure fascia to soffit 2 x 4 overhang with 2" finishing nails.

Flush

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

Flush at center

Flush

2-1/2" x 72-3/4"

2-1/2" x 72-3/4"
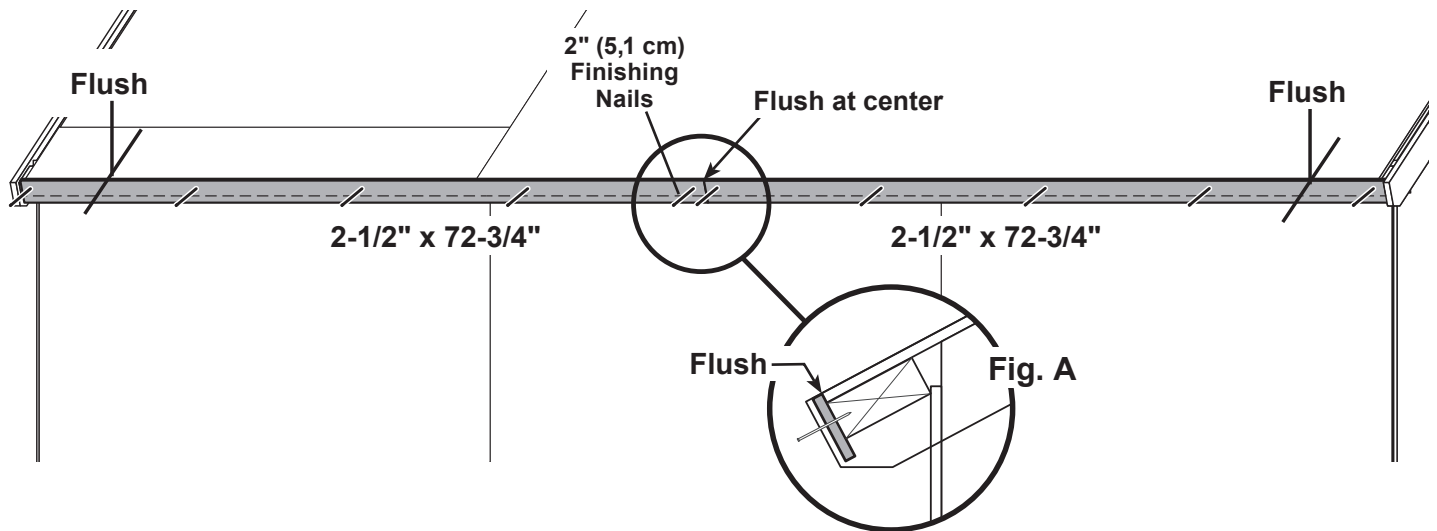
Flush

Fig. A

Repeat steps for opposite side of shed.
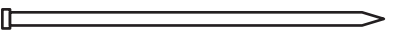
🏁**FINISH**

Your eave fascia is now installed.

CORNER TRIM

PARTS REQUIRED:

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

x56
2" (5,1 cm)
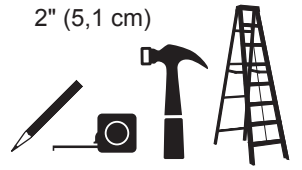
✓**BEGIN**

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

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

Flush to eave wall panel

Fig. B

Fig. A

Flush to eave soffit

Flush to gable panel

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

2" (5,1 cm) Finishing Nails

75-3/4" (192,4 cm)

75-3/4" (192,4 cm)

Fig. C

Repeat steps for each corner of shed.

FINISH

Your corner trim is now installed.

Seam is flush. Caulk seam before painting trim.

DOORS

PARTS REQUIRED:

x1   x1

x4 3" (7,6 cm)

x2 1-5/8" (4,1 cm)

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

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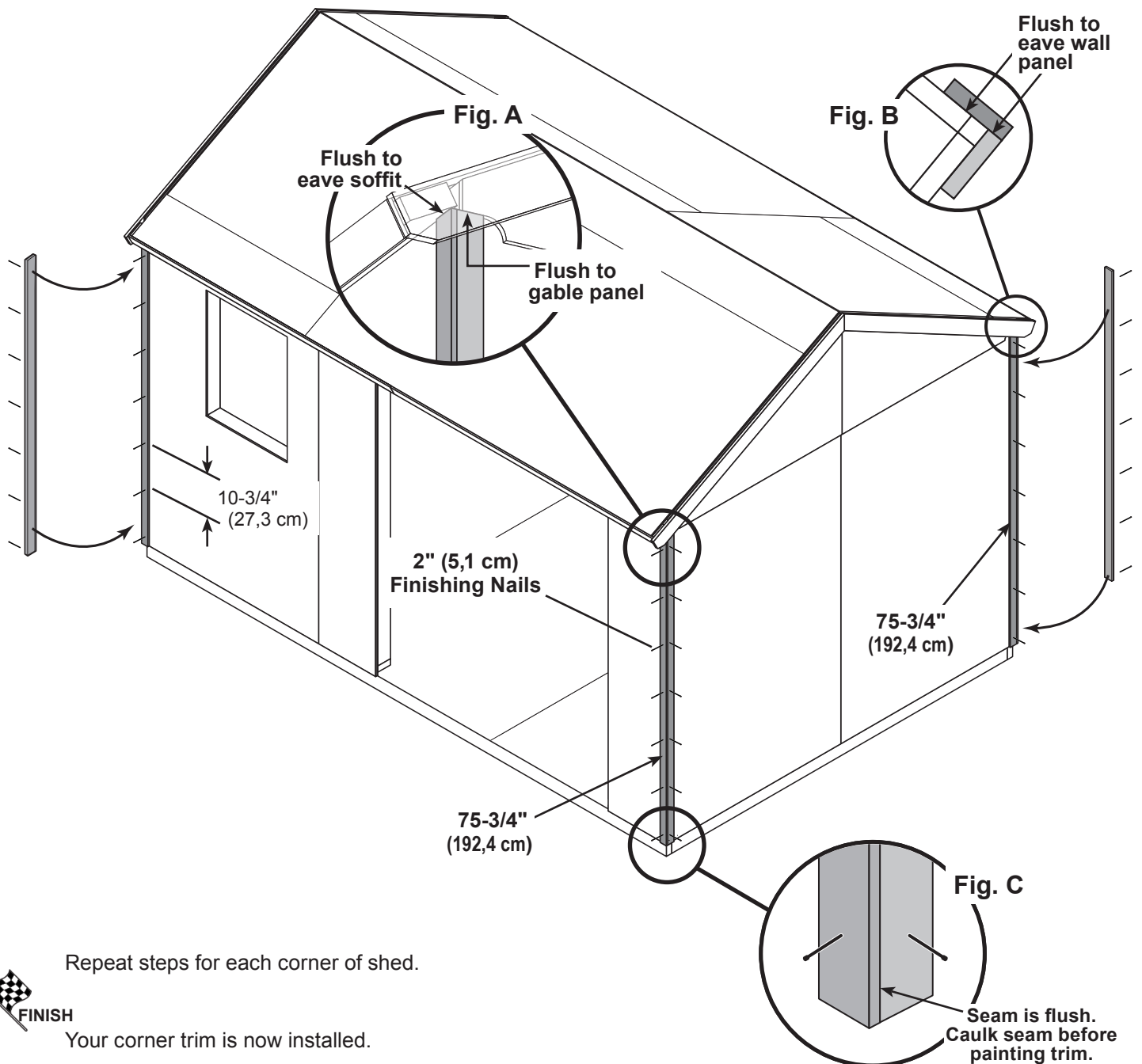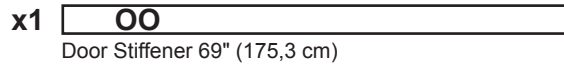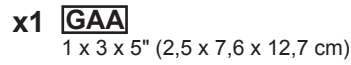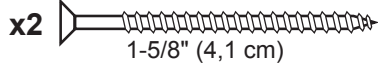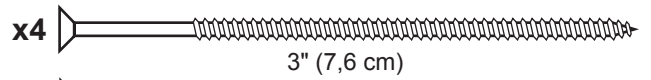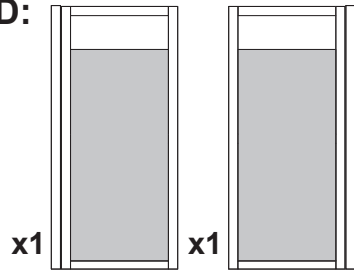
✓**BEGIN**

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

2 Attach temporary support **OO** with 3" screws in middle and at ends, as shown.

3 Attach temporary support **GAA** with (2) 1-5/8" screws.

GREEN   **RED**

⚠ **OFFSET** 3/8"
(1 cm)

3/8"
(1 cm)

3/8" **OFFSET** ⚠
(1 cm)

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

OO

**(2) 1-5/8" (3 cm)
Screws**

GAA

Bottom edges flush.

3/8"
(1 cm)

42
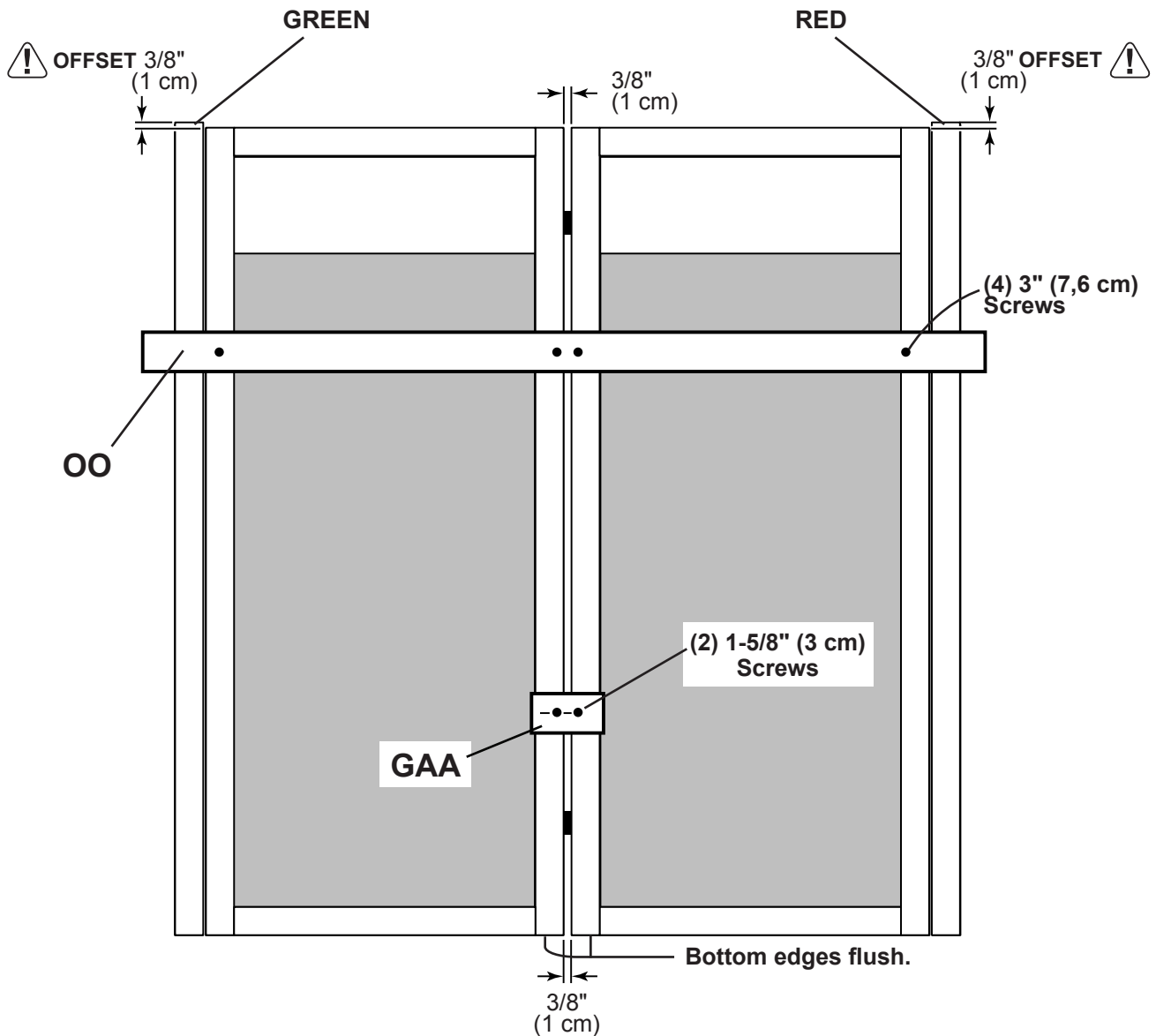
DOORS

PARTS REQUIRED:

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

x12 3" (7,6 cm)

4 Install temporary support **OO** as a ledger board flush under wall panels for doors to rest on. Secure with (2) 3" screws **(Fig. A)**.

Flush against wall panels.

Fig. A OO

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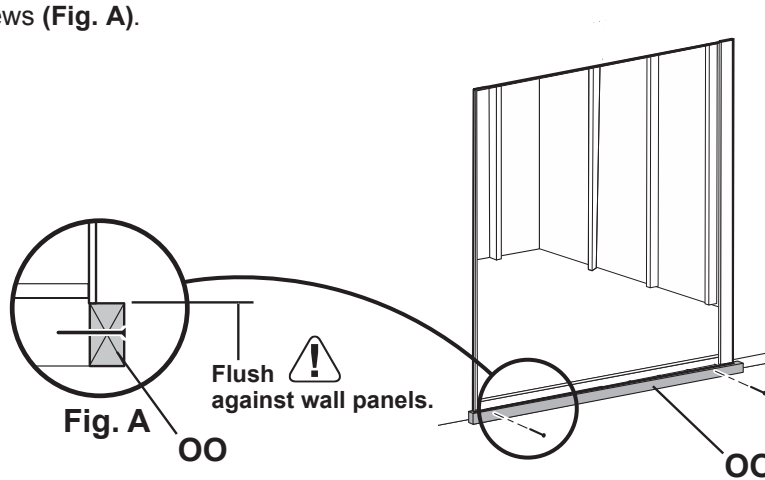
5 Center doors on panel seam, as shown **(Fig. B)**.

6 Screw hinge boards into wall supports and floor with (10) 3" screws, as shown.
Make sure screws go into framing and floor (Fig. C, D).

SEAM

Fig. B

3/8" (1 cm)

Fig. C

3" (7,6 cm) Screws into the wall support and floor frame.

Angle 3" (7,6 cm) Screw

Fig. D
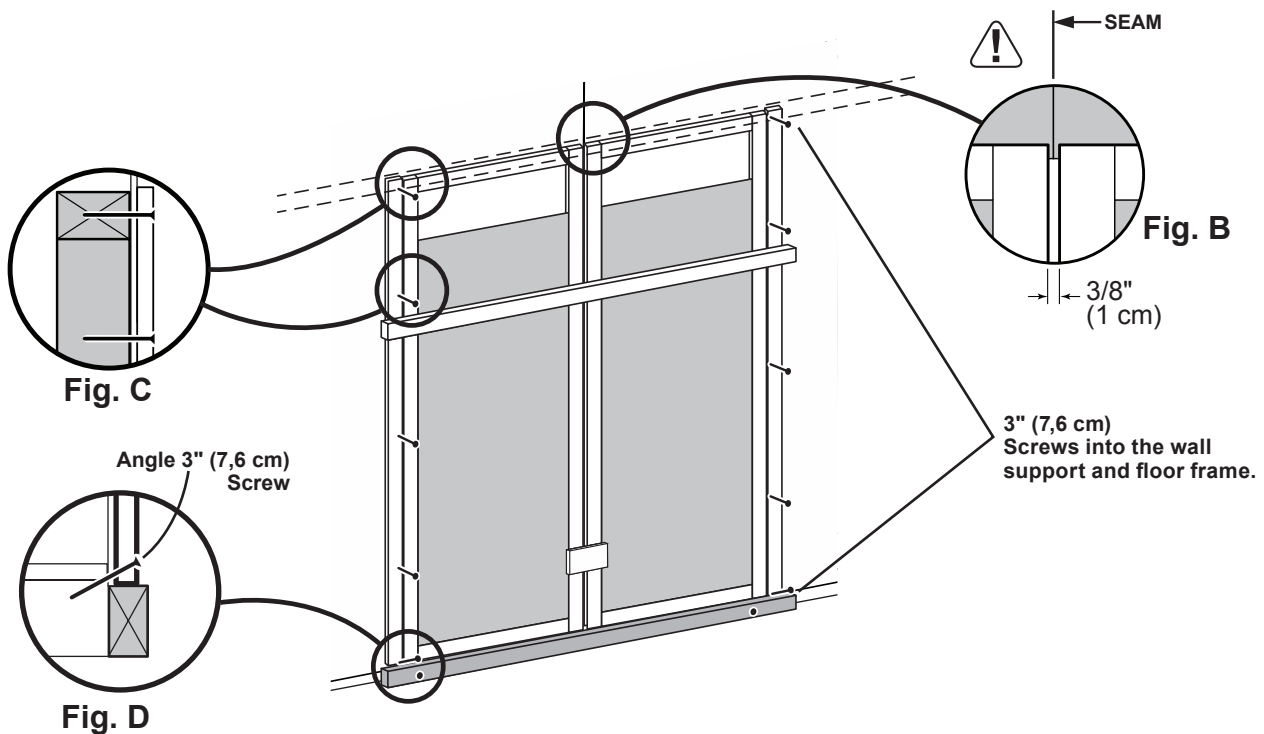
FINISH
You have finished installing your doors.

Remove temporary support and ensure that the doors open properly.

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DOOR TRIM

PARTS REQUIRED:

x1 CLR
19/32 x 2-1/2 x 64-1/4" (1,5 x 6,3 x 163,2 cm)

x1 CLL
19/32 x 2-1/2 x 64-1/4" (1,5 x 6,3 x 163,2 cm)

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

x5 3/4" (1,9 cm) x11
Bagged seperately / special coating

2" (5,1 cm)

x60 3/4" (1,9 cm)

x1 64" Metal Threshold

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

BEGIN

1 Install upper door trim **AH** with (4) 3/4" screws to doors from inside of doors.

2 Install **CLL** and **CLR** flush to trim **AH** with 3/4" screws from inside of doors **(Fig. B)**.

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

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

3/4" (1,9 cm)
Screws from behind.

Door Panel

Fig. A

ZJ

CENTER

2" (5,1 cm) Finish Nails
x5

Door Trim

AH

9"
(22,9 cm)

AH

CLL

Fig. B

9"
(22,9 cm)

CLR

AH

CLR
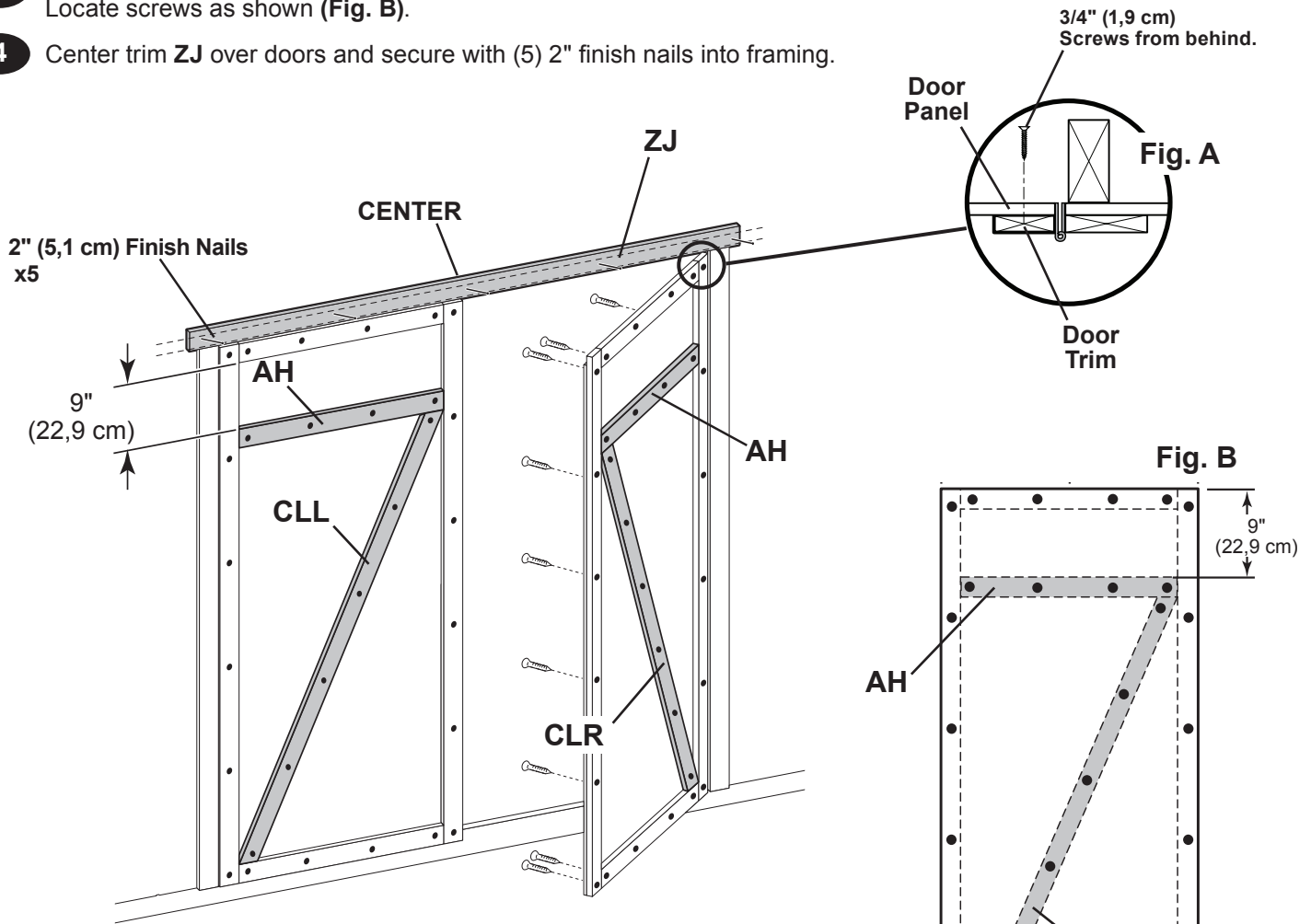
5 Center metal threshold between doors.
Secure with (11) 3/4" special coating screws into floor as shown **(Fig, C)**.

(11) Special Coating Screws
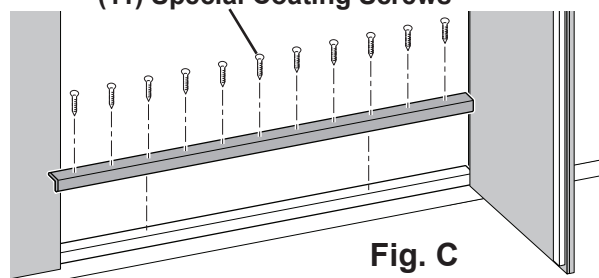
FINISH
Your door trim and
threshold are now
installed.

Fig. C

DOOR TRANSOM WINDOWS

PARTS REQUIRED:
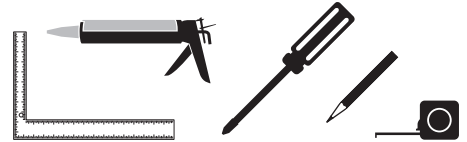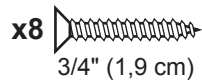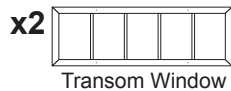
x2 Transom Window

x8 3/4" (1,9 cm)

BEGIN

1 Apply high quality exterior-grade caulk behind frame near edge before installing to seal window.

You must caulk completely around window frame and all exposed door panel edges and trim to validate your warranty.
Use a paintable exterior rated caulk.
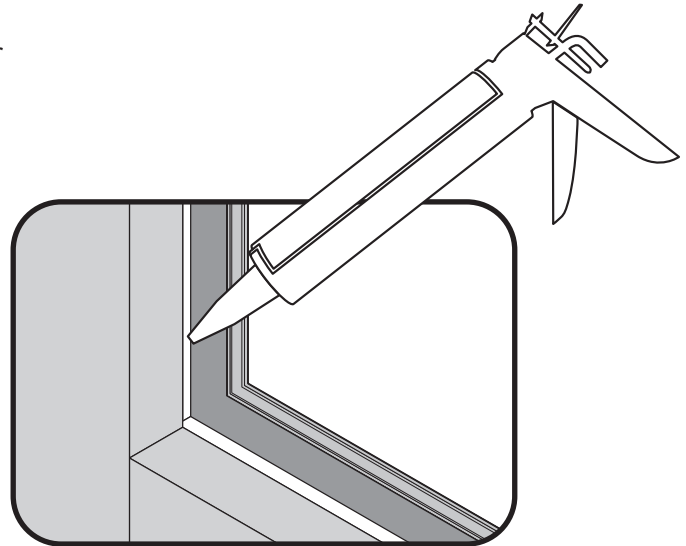
FRONT SIDE VIEW

2 From back side of door, measure 15-13/16" from inside edge of door.
Mark center of window opening on door.

Position window in opening flush to bottom of window opening. Center window on mark.

Secure with (4) screws to secure each window.

15-13/16"

Center window on mark

3/4" (1,9 cm) Screws x8

BACK SIDE OF DOORS
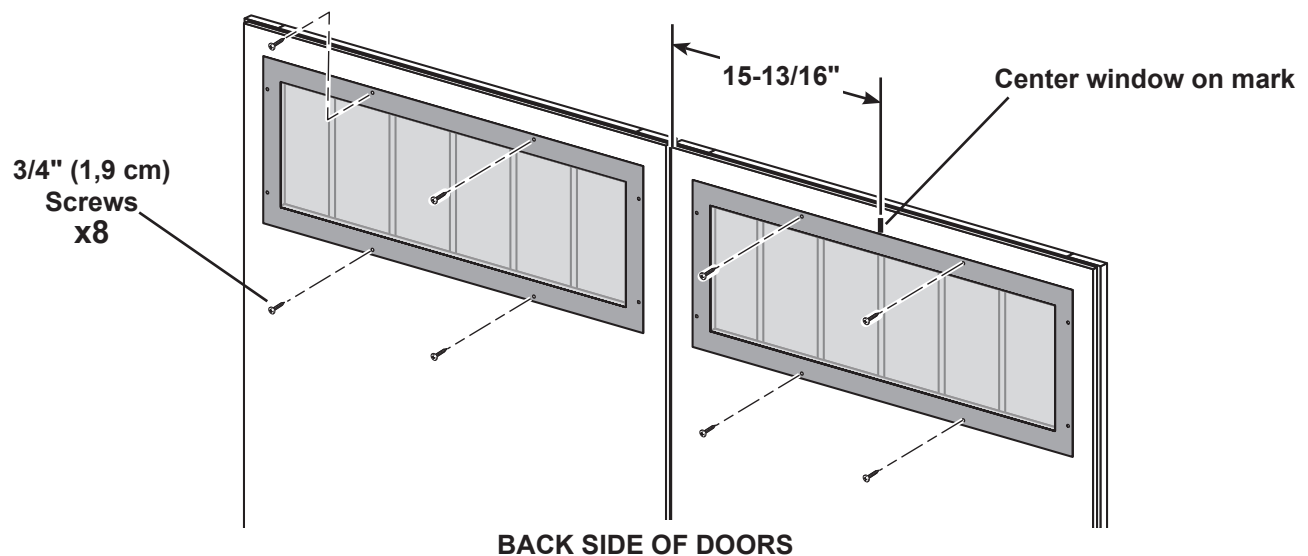
FINISH
Your transom windows are installed.

DOOR STIFFENERS

PARTS REQUIRED:

x14 2" (5,1 cm)

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

✓ **BEGIN**

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

2 Secure with (7) 2" screws through outside trim into **OO (Fig. B)**

Repeat steps to install **OO** on right door.

Center OO in door opening.

Fig. A

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

OO x2

Fig. B

Hold OO tight against window glass.

3/4" (19 mm)

3/4" (19 mm) **OFFSET**

2" (5,1 cm) Screws

2" (5,1 cm) Screws x14

11" (27,9 cm) Approximately
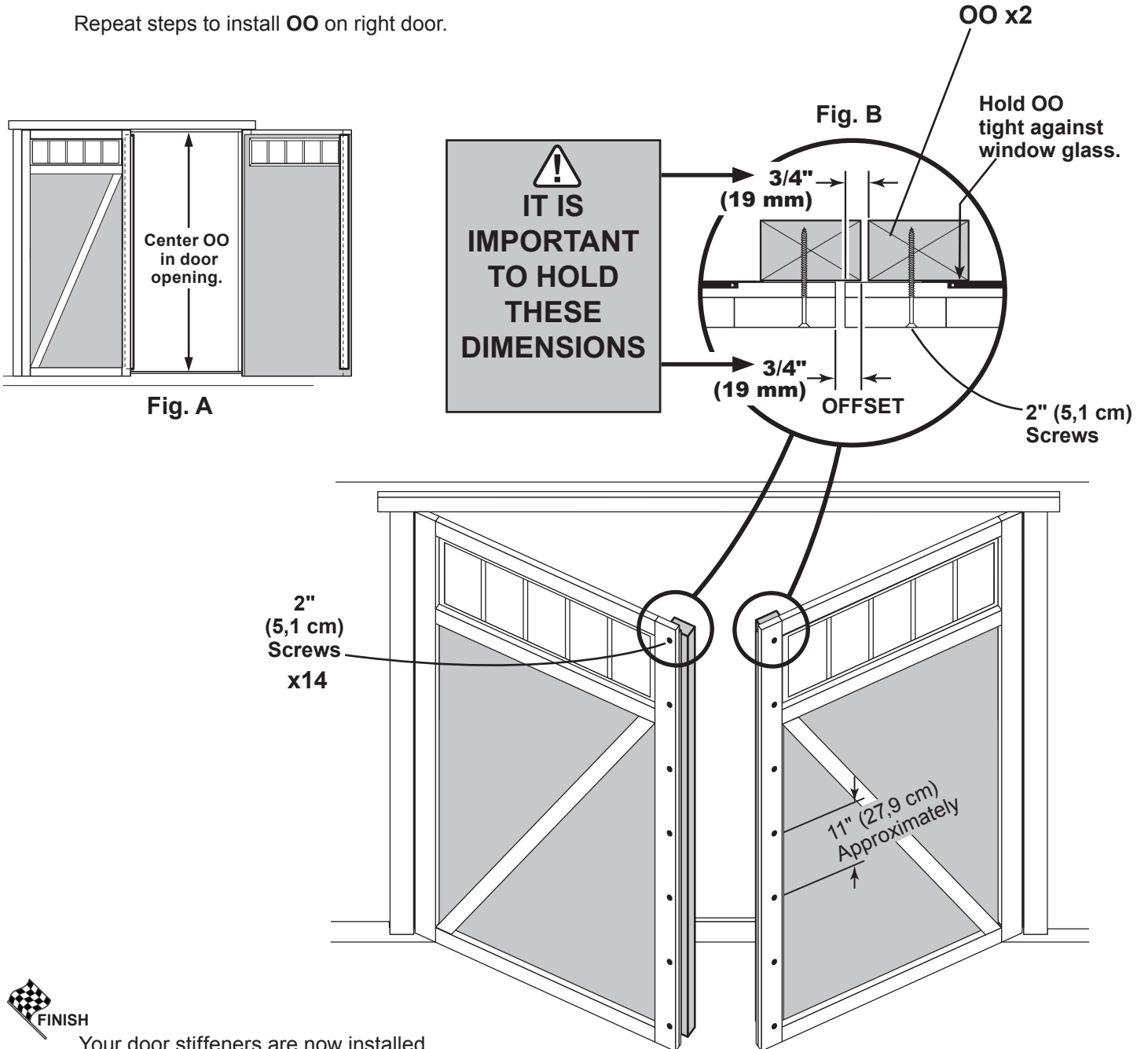
🏁 **FINISH**
Your door stiffeners are now installed.

DOOR HARDWARE

PARTS REQUIRED: **x4**

x12
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.

2 Re-drill hole with 1/2" drill **(Fig. B)**.

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

3/4" (1,9 cm) Screws
x12

Flush

RIGHT DOOR

Fig. B

Fig. A

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

1/2"
(1,3 cm)

SIDE VIEW

35-3/4"
(90 cm)

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

**1/4" Pre-drill and
1/2" Drill-through**
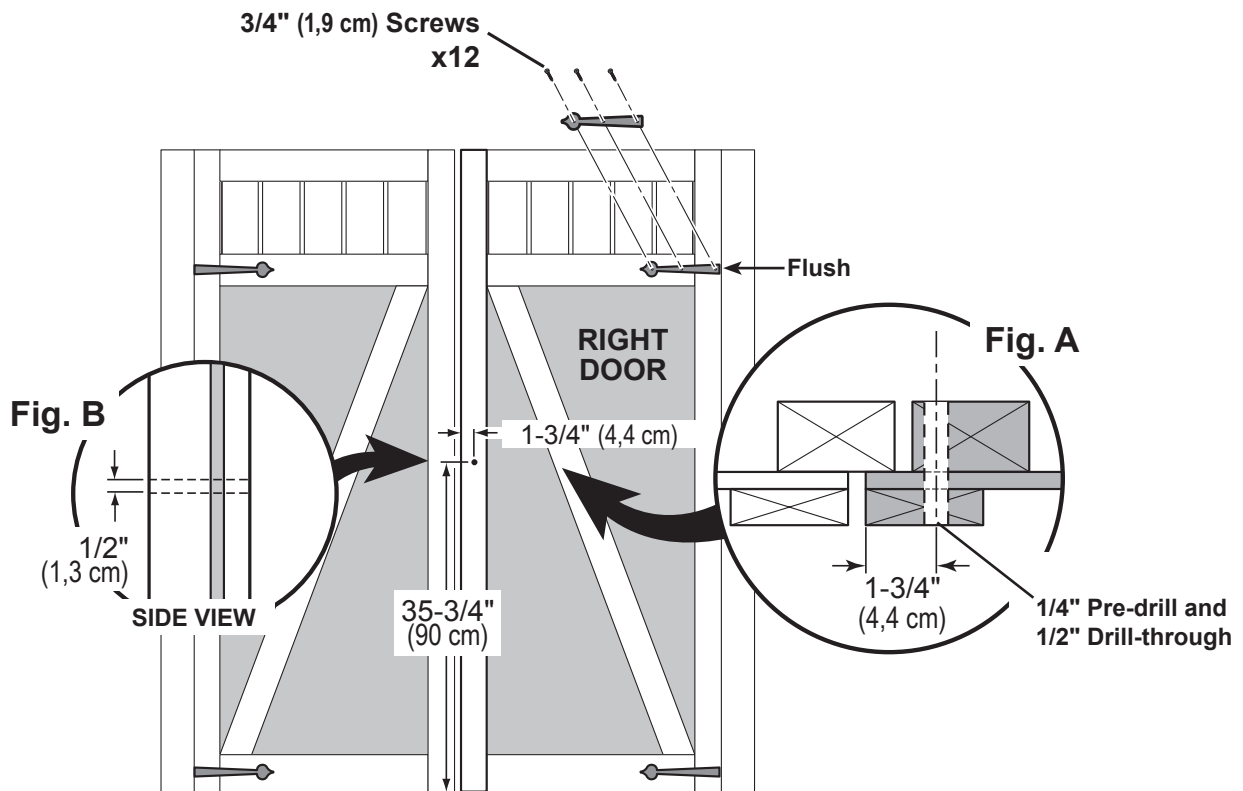
3 Install decorative hinges on horizontal trim and flush against hinge, as shown.

🏁**FINISH**
Your door is now prepared for handle installation.

47

DOOR HARDWARE

PARTS REQUIRED:

Handle (locking) with Screws
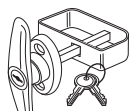
1-1/4" x2

⊕

☐ **x1**

1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

Secure handle with 1-1/4" screws, as shown.

Set Screw

RIGHT DOOR

1-1/4" Wood Screws

DOOR HARDWARE

PARTS REQUIRED:

x8 | 1" (2,5 cm)

x2
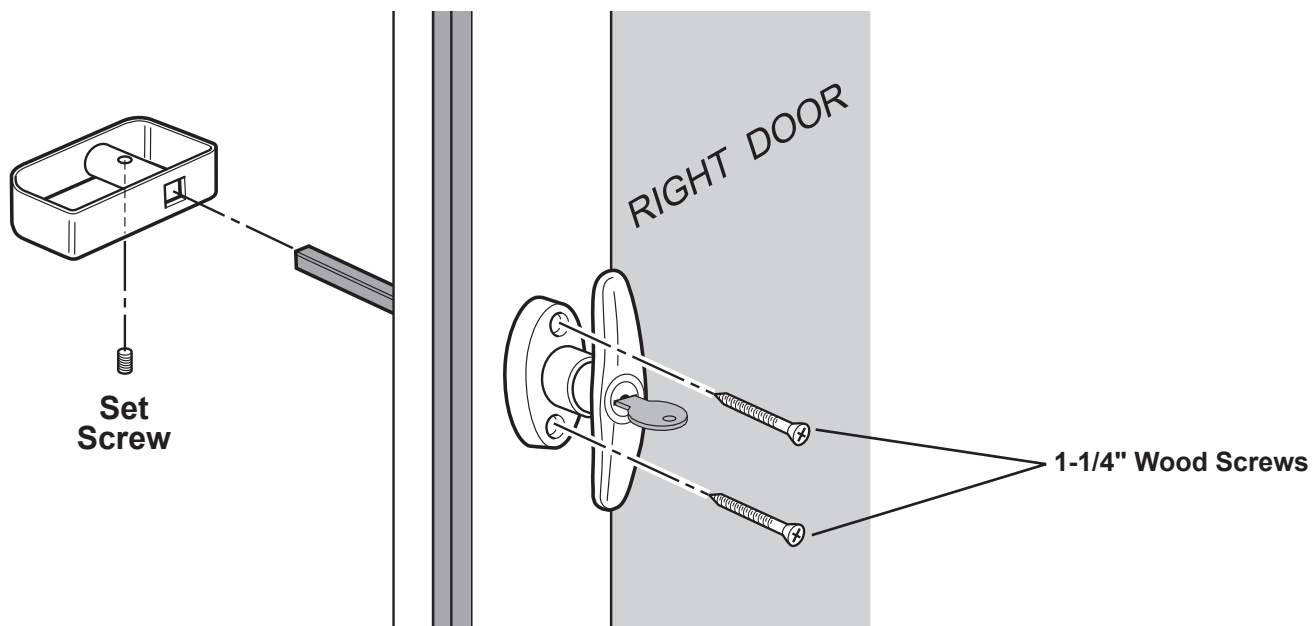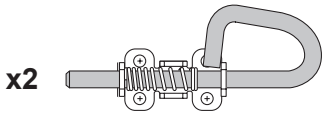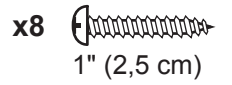
5/16" (0,8 cm) Drill Bit

✓BEGIN

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

Mark and pre-drill holes for screws.

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

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

Mark and pre-drill holes for screws.

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

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

PRE-DRILL (4) HOLES

x4

OPEN POSITION
Spring is loose.

Loop contacts base

Fig. B

OO

Loop contacts base

PRE-DRILL (4) HOLES

x4

OPEN POSITION
Spring is loose.

1/2"
(12,7 mm)

FLOOR

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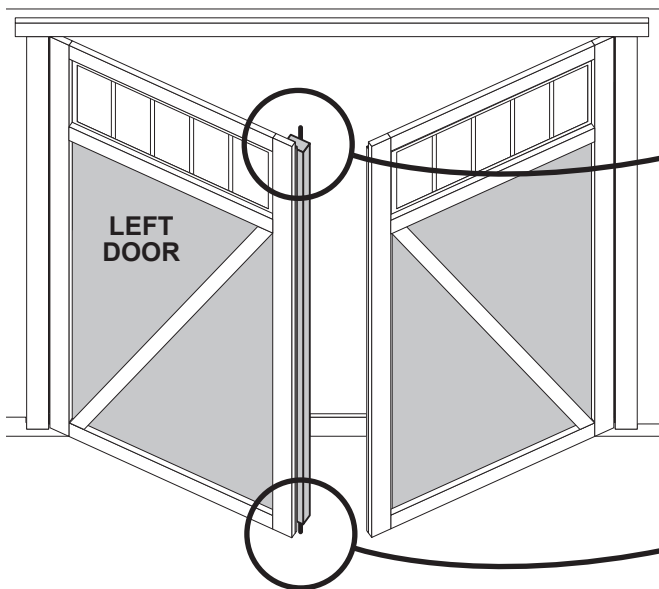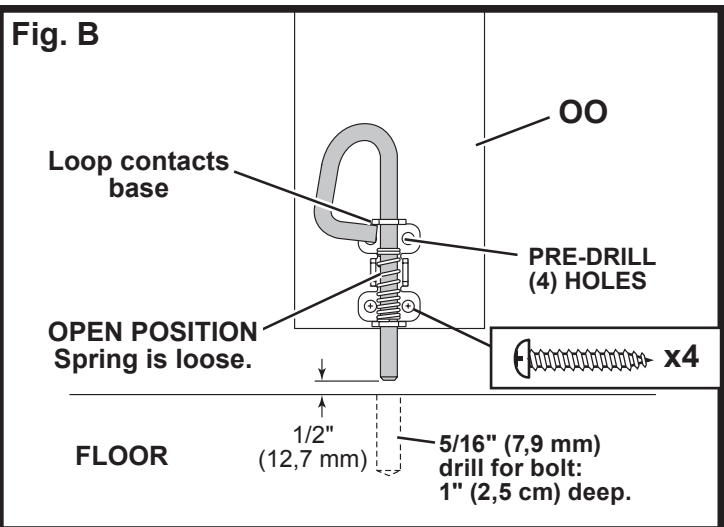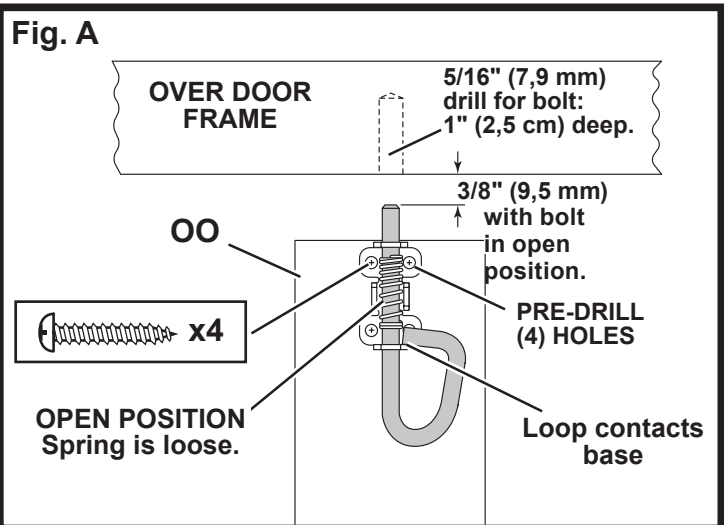
🏁**FINISH**
Your spring bolts are now installed.

WINDOWS
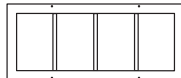
PARTS REQUIRED:
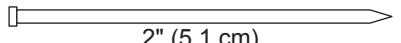
x2 QOD
19/32" x 2-1/2" x 22-1/2"
(5,1 x 6,3 x 57,1 cm)

x1
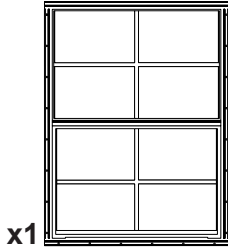
x1 Transom Window
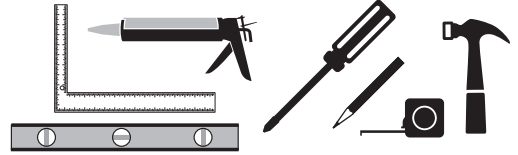
x8 3/4" (1,9 cm)

x6 2" (5,1 cm)

✓ **BEGIN**

1

Apply high quality exterior-grade caulk behind frame
near edge before installing to seal window.

2

Install windows centered and flush to window cutout edges.

Secure windows to studs with 3/4" screws.

**Flush flange
to panel edge.**

**Flush flange
to panel edge.**
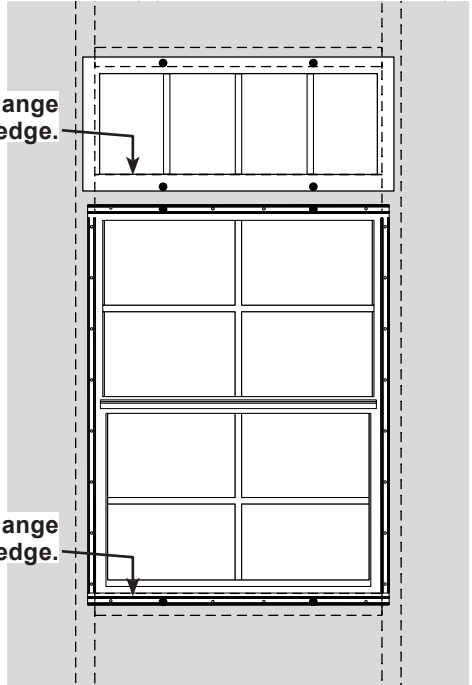
3

Install (2) **QOD** centered over windows
and flush to panel window cutout edges.

Secure trim to framing with 2" finishing nails.
Avoid nailing into window flange.

**Flush to
panel edge.**

QOD

center ← → ← center

**Flush to
panel edge.**

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

QOD

50
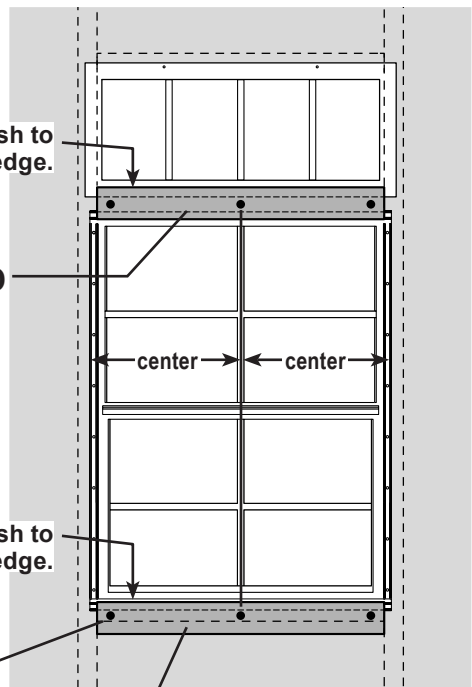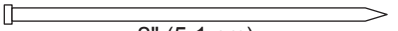
PARTS REQUIRED:

x1 | BLD
19/32" x 2-1/2" x 27-1/2" (5,1 x 6,3 x 69,8 cm)

x2 | EJB
19/32" x 2-1/2" x 43-3/4" (5,1 x 6,3 x 111,1 cm)

x13 2" (5,1 cm)
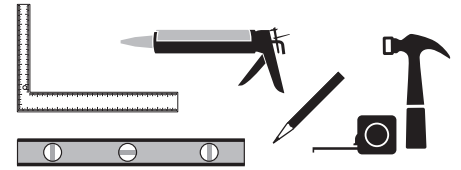
4

Install (2) **EJB** flush to installed trim.
Ensure parts are level before securing.

Secure trim to framing with 2" finishing nails.
Avoid nailing into window flange.

2" (5,1 cm)
Finishing Nails

Flush — Flush

EJB

Flush — Flush
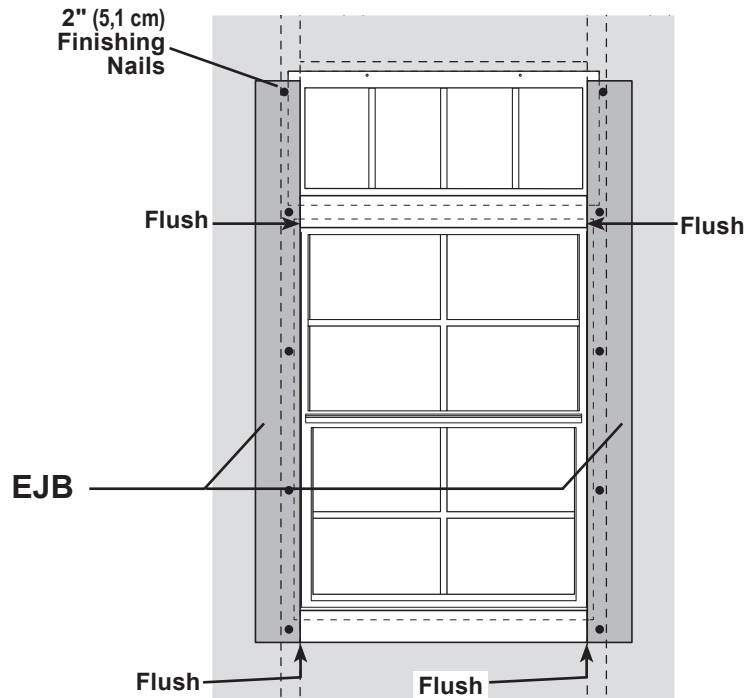
5

Install **BLD** centered and flush to installed trim .

Secure trim to framing with 2" finishing nails.
Avoid nailing into window flange.

You must caulk completely around window
frame and all exposed door panel edges
and trim to validate your warranty.
Use a paintable exterior rated caulk.

center — center

2" (5,1 cm)
Finishing Nails

BLD
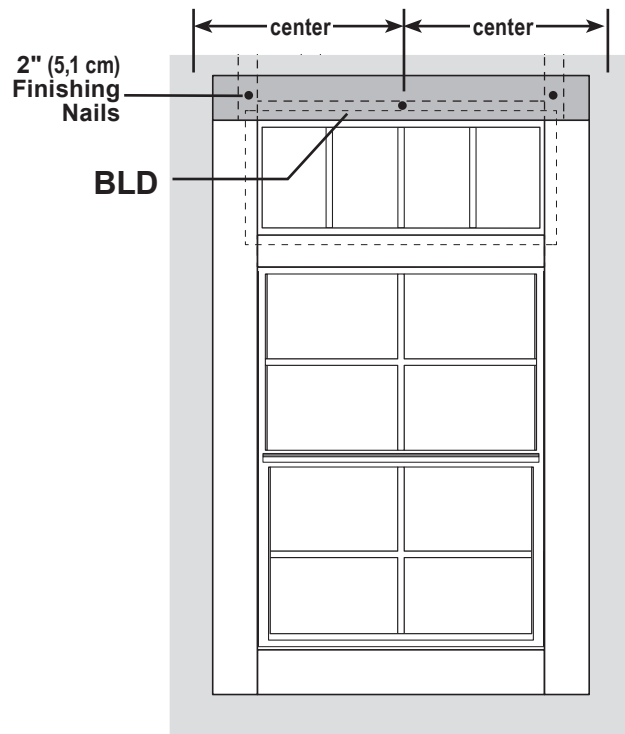
FINISH
Your windows and trim are installed.

VENTS (Not included in base kit.)

PARTS REQUIRED:

x2

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

x12
1/2" (1,3 cm)
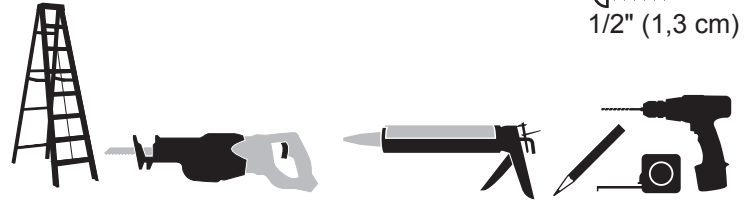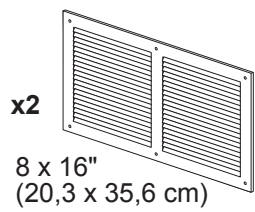
✓**BEGIN**

1 Choose (2) walls for vent locations (One low and One high).
Measure and mark for (2) vents in walls as shown. Cut out marked openings.

Caulk behind vent flanges.

2 Secure with 1/2" screws.

14"
(35,6 cm)

Caulk

6"
(15,2 cm)

3 – 5"
(7,6 – 12,7 cm)
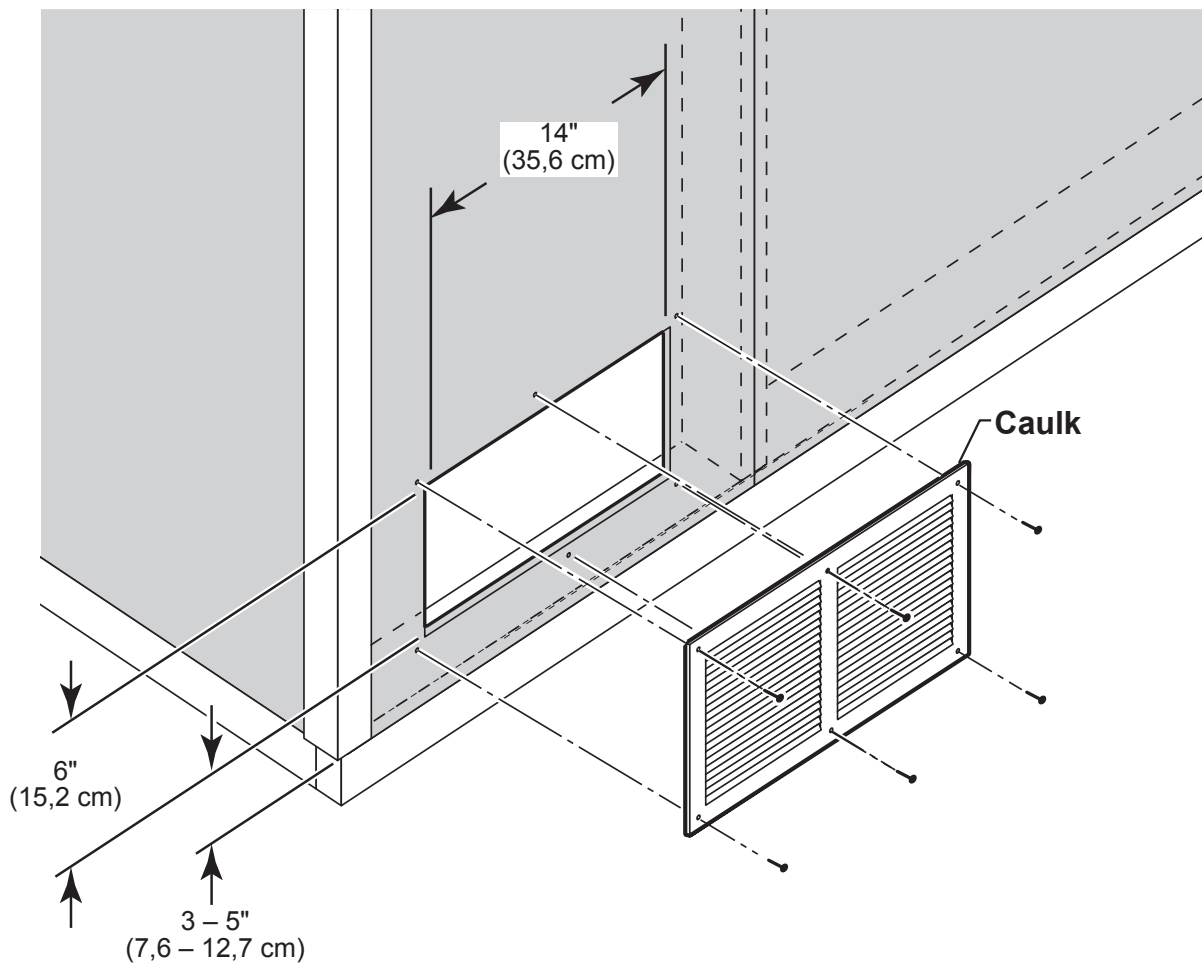
FINISH
You have finished installing your vents.

PAINT & CAULK
- NOT INCLUDED -

PARTS REQUIRED:

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

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

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

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

ROOF FELT
- NOT INCLUDED -

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

OK to overlap at ridge.

3 (7,6 cm) OVERLAP

Flush

Flush
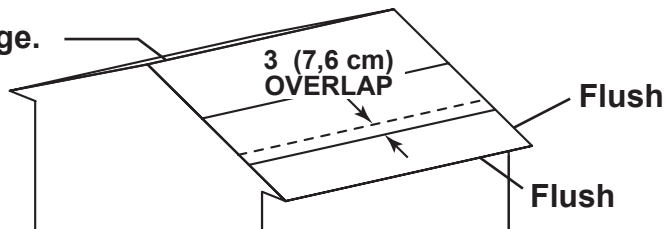
DRIP EDGE
- NOT INCLUDED -

• 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

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.)

53
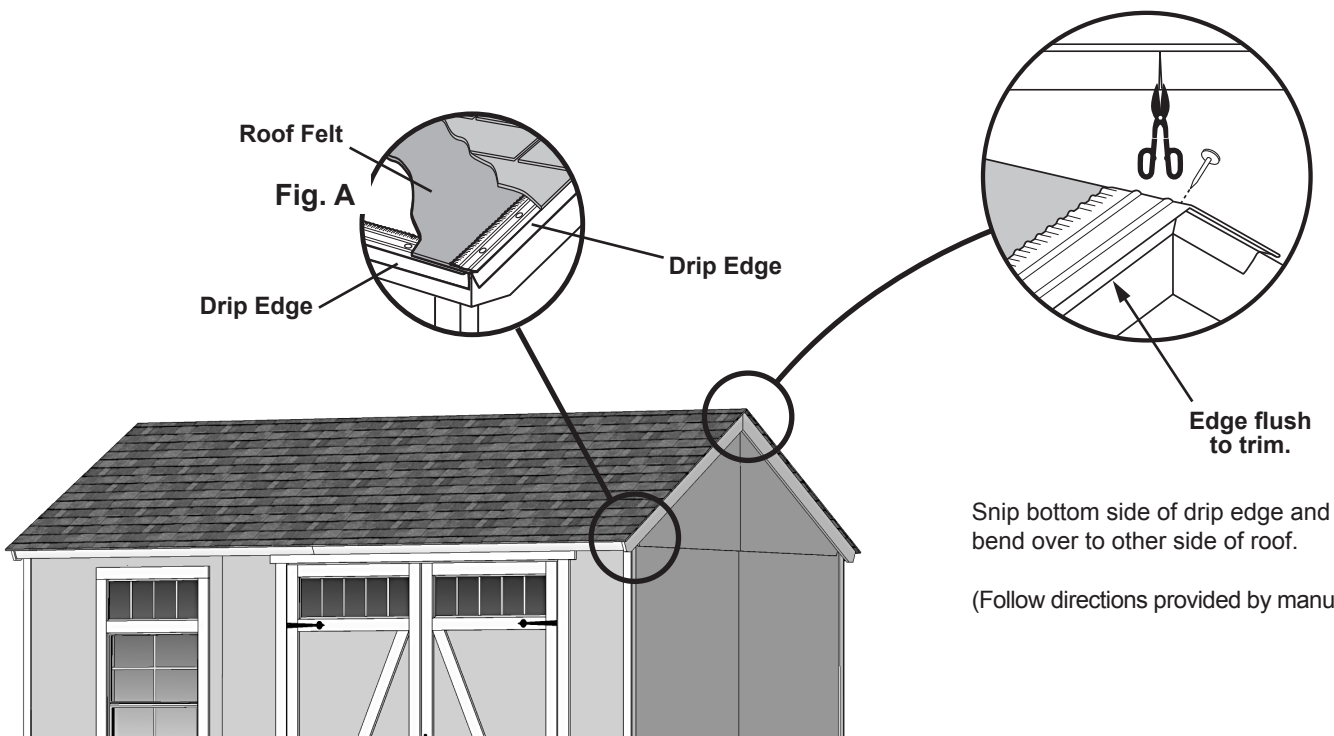
SHINGLES
- NOT INCLUDED -

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

⚠ **Familiarize yourself with a 3-Tab Shingle.**

Notch   **Notch**

SHINGLE NAIL PATTERN

1"   1/2"
(2,5 cm)   (13 cm)   Sealing Stri→   1"
                                                    (2,5 cm)

Half A Rain Slot

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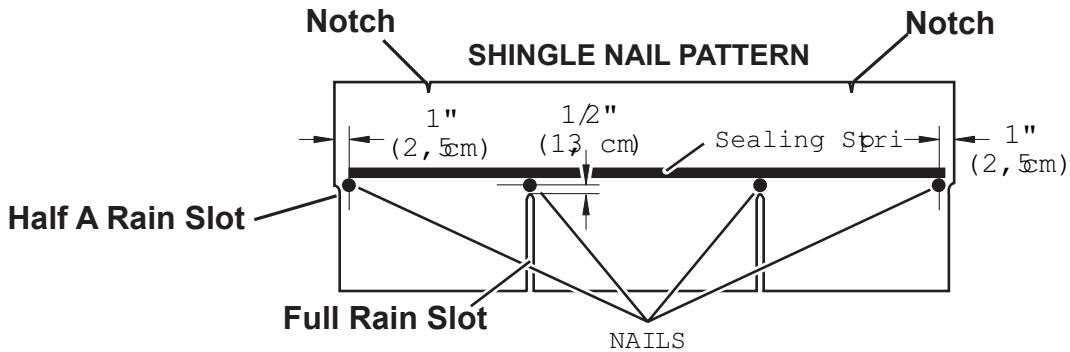
⚠ **NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.**

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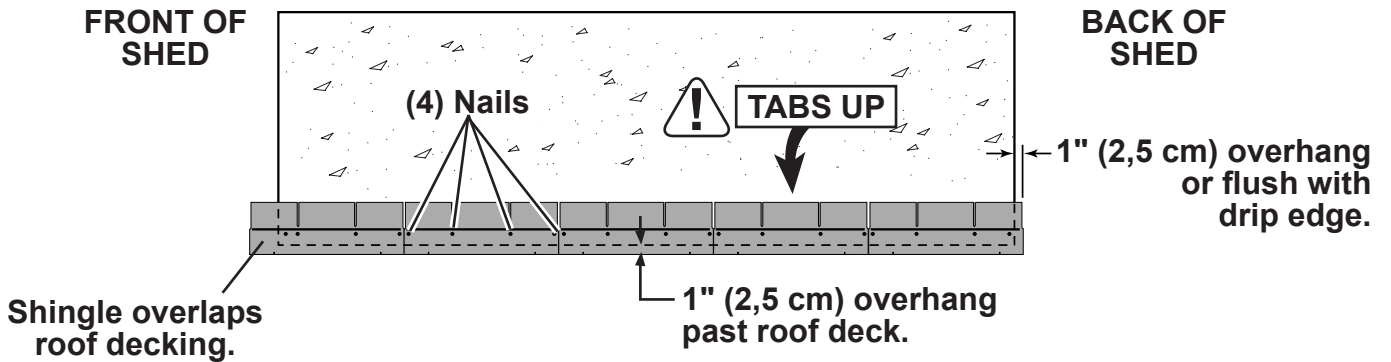
2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.

Roof Deck

LEFT SIDE OF SHED

RIGHT SIDE OF SHED

1"
(2,5 cm)

Notch

- or -

Drip Edge

Notch

Flush with starter row.

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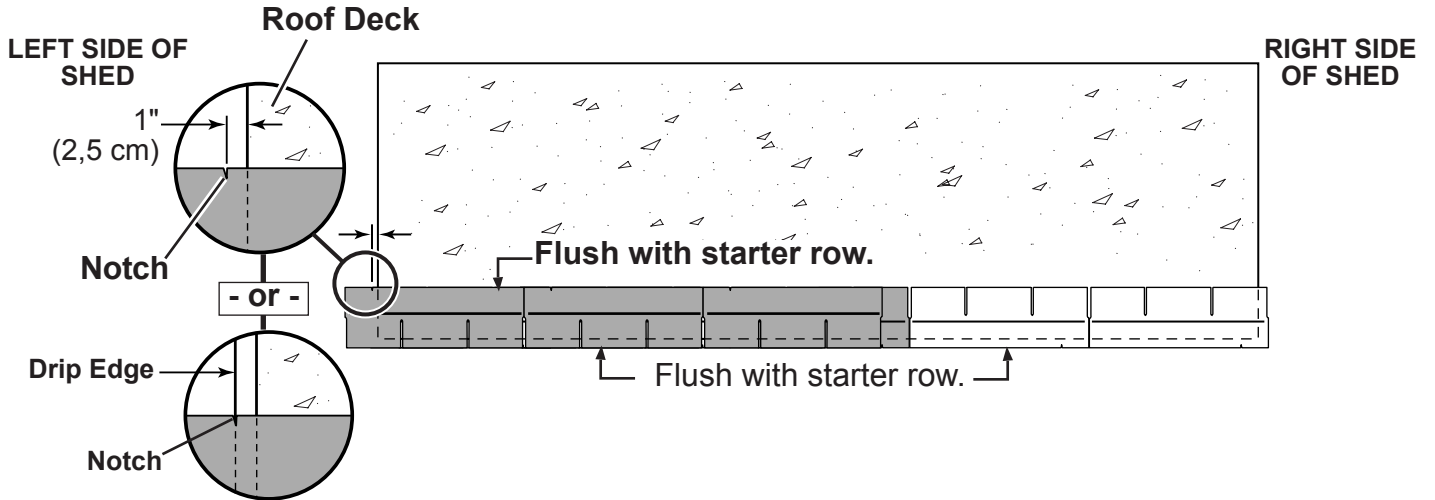
3 Install second row of shingles flush at top of first row's rain slots. Ensure 1" overhang or flush to drip edge at front, stagger each row.

LEFT SIDE OF SHED

RIGHT SIDE OF SHED

1"
(2,5 cm)

Notch

Flush with rain slots.

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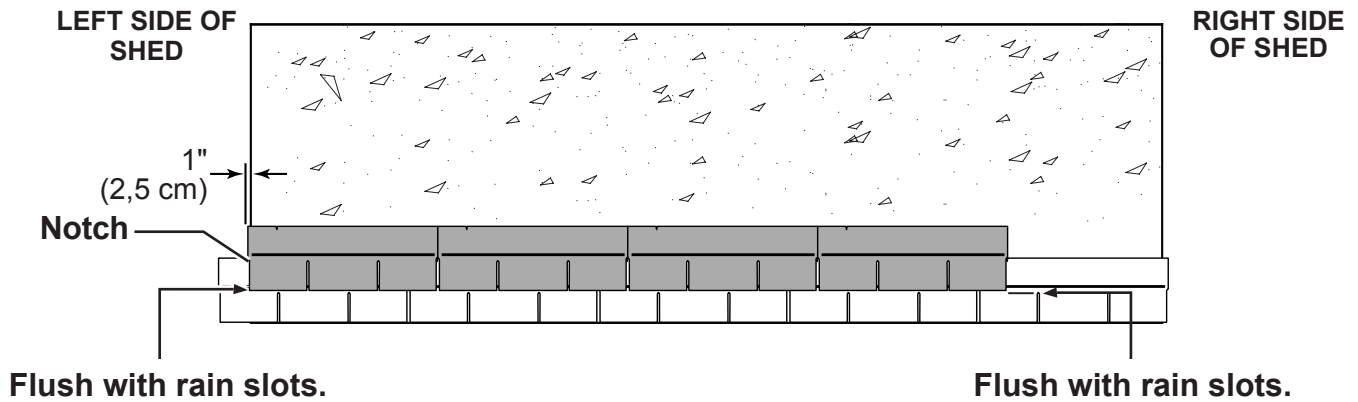
4 Continue installing rows of shingles by staggering at front.

1"
(2,5 cm)

FRONT OF SHED

Notch

55
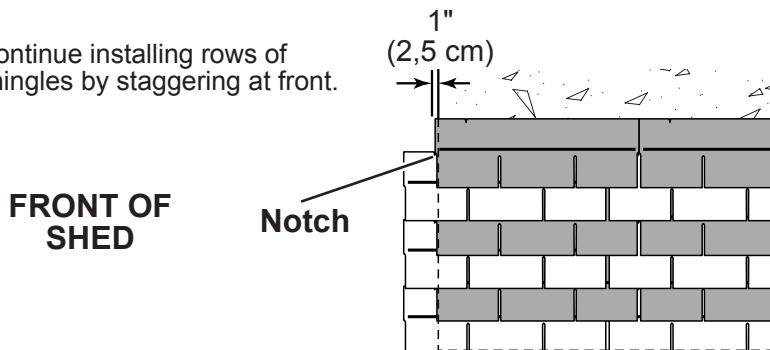
5 Continue installing rows of shingles to the peak. At the peak make sure there is a maximum of 5" or less to the rain slot, as shown below. If shingles overlap at ridge cut to peak with a utility knife.

Cut Off.

5"
(12,7 cm) MAX.

Top of rain slot.

CUT

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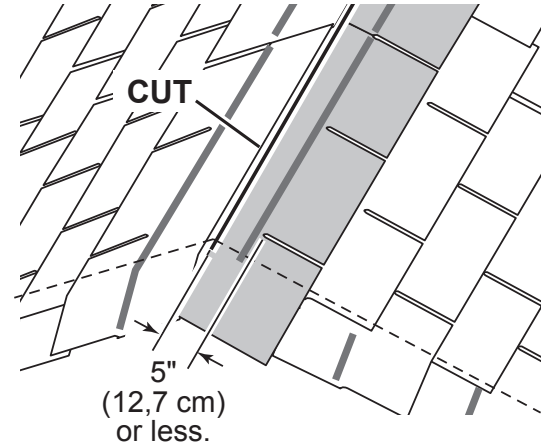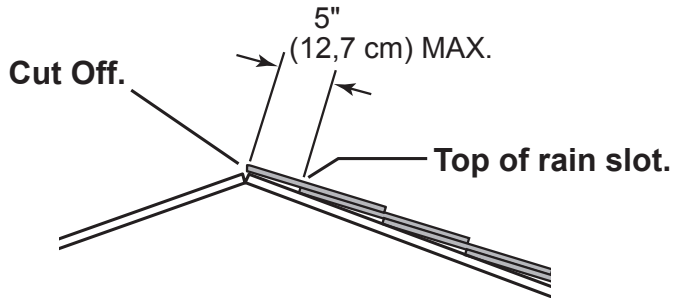
⚠ **• If more than 5" (12,7 cm) to rain slot you must install another row of shingles.**

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

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

8 Using your shingle hooked blade carefully cut shingles along chalk line.
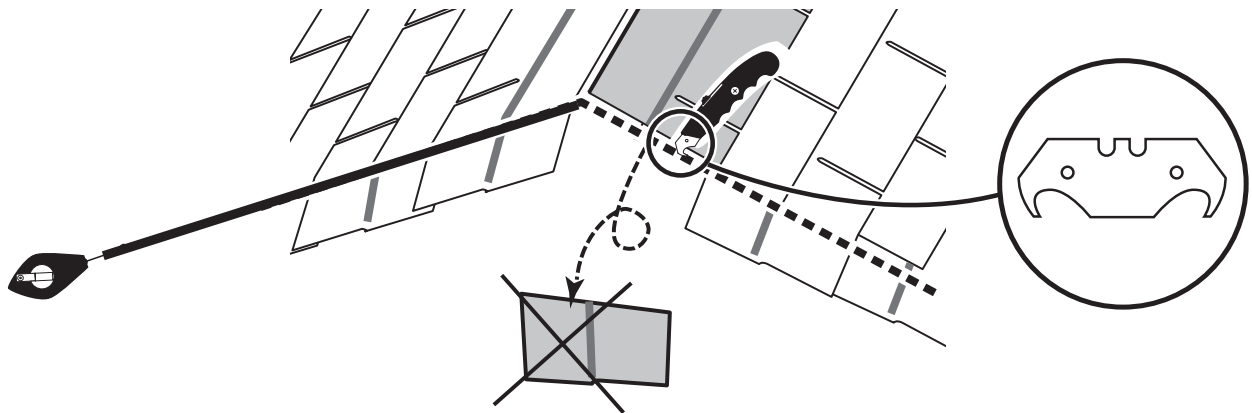
🏁 **FINISH**
You have finished shingling your roof. Proceed to capping the ridge.

• 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.

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.

**31 to 33
Pieces**

Note: • You will need about 31-33 cut pieces.
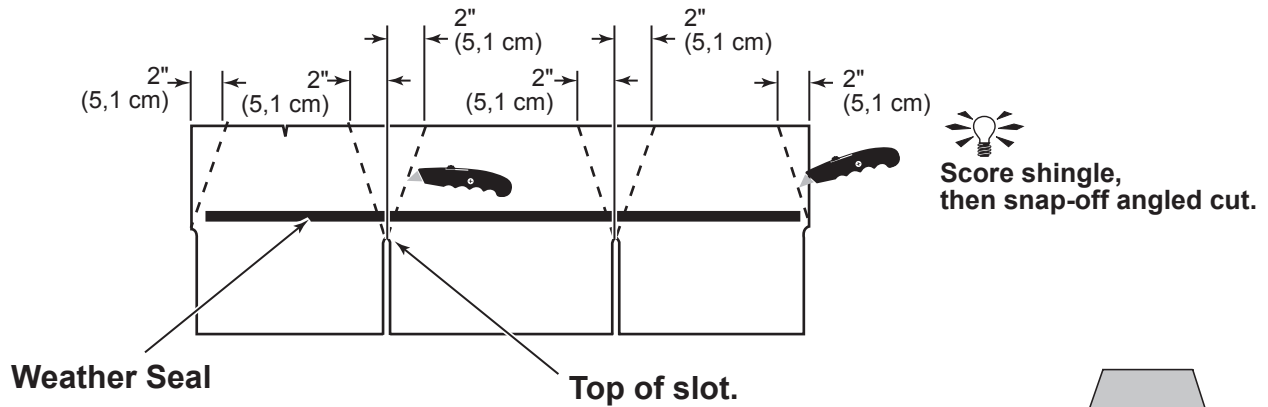
2 Install first ridge cap flush to shingles at front, as shown.

(1) Nail per side through weather seal.

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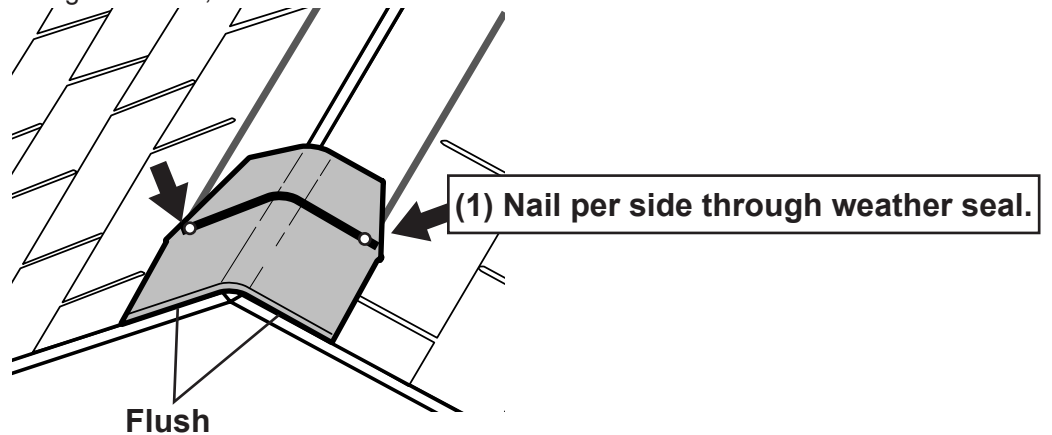
3 Install second ridge cap 5" back, as shown.

(1) Nail per side through weather seal.

5"
(12,7 cm)
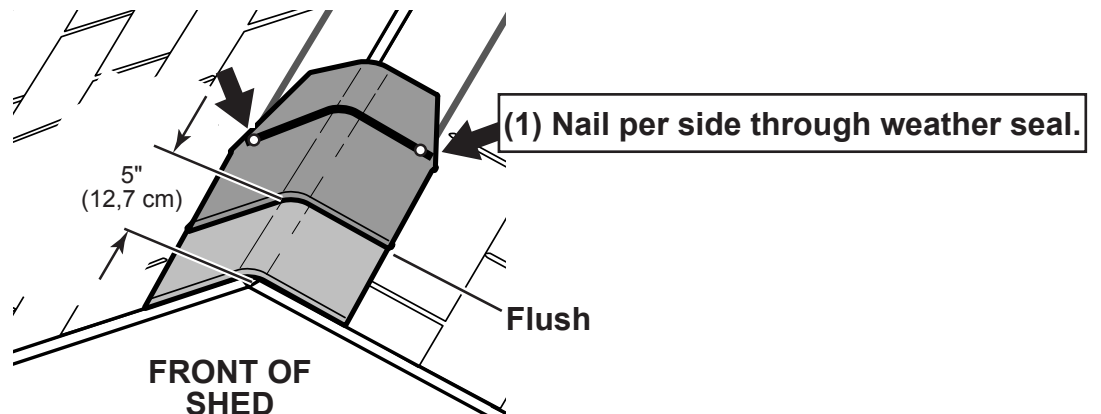
Flush

**FRONT OF
SHED**

4 Continue installing ridge cap to back of roof.
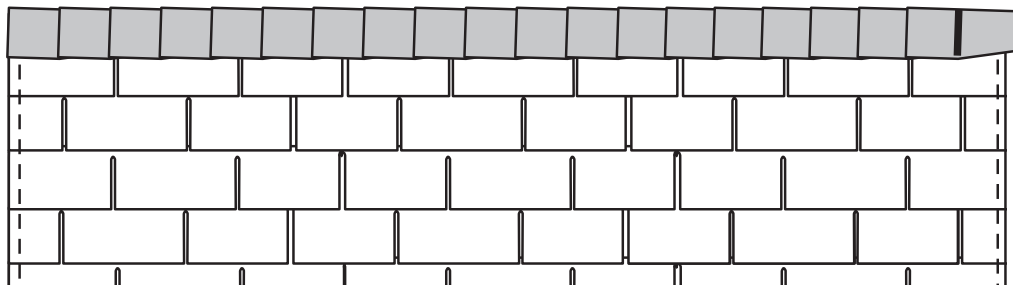
5 Make sure there is 4" (10,2 cm) between the shingle-color and edge of shingles.

4"
(10,2 cm)

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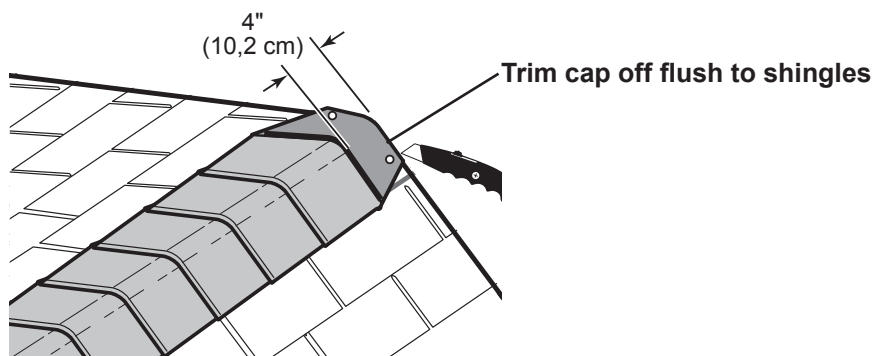
6 When you have 4" minimum of shingle color cut one piece to cap your roof.

Cut at top of rain slot.

Cap
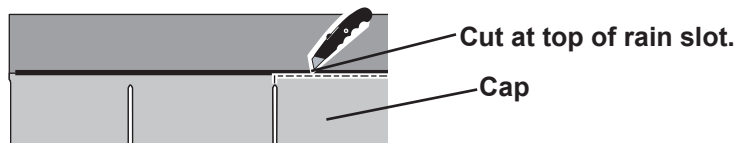
7 Install flush to shingles.

Flush to shingles

(2) Nails per side.
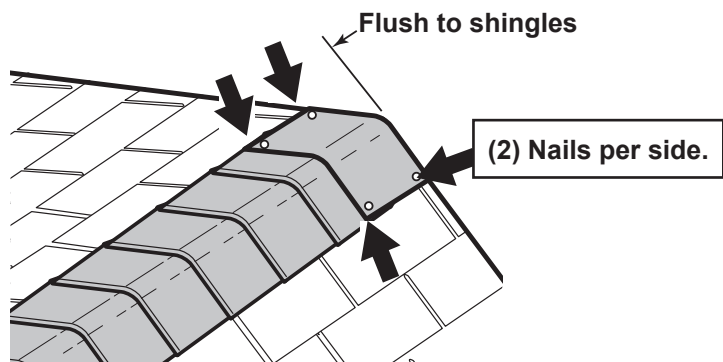
FINISH

You have finished your ridge cap.

16986 12' x 8' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 3	Gable Connector	2 X 3 X 22 1/4" PLATE	Q 22040000000	2	ARC
	Horizontal Window Framing	2 X 3 X 22 1/2" CONNECTOR	Q 22080000000	1	LV
2 X 4	Rafter	2 X 4 X 55 3/16" 28* L/S	O 55032828000	14	AA
	Eave Overhang "A"/Plate	LUM SPF 2X4X96 #2&BTR	12306	5	TP
	Eave Overhang "B"	2 X 4 X 49-1/2"	O 49080000000	2	NKA
	Top / Bottom Plates "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 48000000000	3	SP
	Top / Bottom Plates "A"	*2 X 4 X 89" PLATE	O 89000000000	4	SZ
	Wall Studs	*LUM SPF 2X4X72 #2&BTR	O 72000000000	24	TM
	Over Door Header	2 X 4 X 67"	O 67000000000	2	AM
	Jack Studs	2 X 4 X 68-1/2"	O 68080000000	2	YFA
	Door Wall Bottom Plate (long)	2 X 4 X 64" PRE-CUT & PART	O 64000000000	1	UX
	Door Wall Bottom Plate (short)	2 X 4 X 16" CONNECTOR	O 16000000000	1	RB
	Window Crippler	2 X 4 X 4" GABLE FILLER	O 04000000000	1	CQA
	Horizontal Window Frame	2 X 4 X 22 1/2"	O 22080000000	2	AO
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
	Collar Tie	LUM SPF 1X3 X60" PART & PRE-	U 6000000000P	2	GUA
7/16 OSB	Upper Roof Panel "D"	OSB 7/16" x 4' x 8'	11110	2	---
	Lower Roof Panel "B"	7/16" OSB 10-3/4" X 96" ROOF PANEL	C 96001012000	2	---
	Small Roof Panel "C"	7/16" OSB 47 7/8" X 48" ROOF	C 48004714000	2	---
	Small Roof Panel "A"	7/16" OSB 10-3/4" X 48" ROOF	C 48001012000	2	---
	Header Filler	7/16" OSB 3 1/4" X 66-3/4" HEADER	C 66120304000	1	---
GUSSETS	Gusset	EZ 8" 6" X 23 1/4" GUSSET 28*	J 23040600280	12	---
NO GROOVE SIDING	Wall panel at Door -RIGHT	NG 48" X 76" FRONT WALL PANEL	K 76004800510	1	---
	Wall panel at Door -LEFT	NG 48" X 76" FRONT WALL PANEL	K 76004800520	1	---
	Backwall & Sidewall Panel	SIDING NGSE 3/8X4'X76"	11501	7	---
	Front Window Wall Panel	3/8" NG 48" X 76" FRONTWALL w/ Transom over Window	K 76004800TLW	1	---
	Gable Panels - RIGHT	3/8"NGx 28-3/4"x 48"RT GABLE	K 48002812100	2	---
	Gable Panels - LEFT	3/8"NGx 28-3/4"x 48"LT GABLE	K 48002812200	2	---
	Eave Fascia	3/8" NGx2-1/2" X 72-3/4"	K 72120208000	4	---
	Corner Trim	3/8" NG 1 3/4" X 75-3/4" CORN	K 75120112000	8	---
19/32 X 3 SMART TRIM	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
	Horizontal Window Trim "A"	*19/32 TST 2 1/2" X 27 1/2" TRIM	UT27080208000	1	BLD
	Horizontal Window Trim "B"	19/32 TST 2 1/2" X 22-1/2"	UT22080208000	2	QOD
	Right Crossbuck	19/32 TST 2 1/2" X 60 1/4" 23*	UT60040208123	1	CLR
	Left Crossbuck	19/32 TST 2 1/2" X 60 1/4" 23*	UT60040208223	1	CLL
	Vertical Window Trim	19/32 X 2 1/2" X 43 3/4"	UT43120208000	2	EJB
	Door Trim Hinge/Over Door	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	1	ZJ
19/32 X 4 SMART TRIM	Right Gable Fascia	19/32 TST 3 1/2" X 60-1/8" 28* O/E	UT60020308128	2	RER
	Left Gable Fascia	19/32 TST 3 1/2" X 60-1/8" 28* O/E	UT60020308228	2	REL
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	OO
	Threshold	THRESHOLD 7/8" X 1-1/2" X 63-7/8	15420	1	---
	Door Transom	WINDOW 9 X 27 TRANSOM (SINGLE	15235	2	---
	Over Window Transom	WINDOW 9X25 TRANSOM (SINGLE) 2	15437	1	---
	Large Window	WINDOW 22 1/4" X 29 3/4" LG SQ	15281	1	---
	Hardware Kit	H/K (33458) 12x8 GABLE	15782	1	---
	Faux Hinges	HINGE (FAUX) w/ SCREWS (4 HING	15246	1	---
	Nails	NAIL 10D 3" BOX HDG BOX	15109	3	---
	Nails	NAIL 6D 2" BOX HDG BOX	15105	4	---
	Black "T" &"D" Handle	HANDLE - T 5-1/2" SHAFT & "D"	15375	1	---
PACKAGING	Instructions		16986	1	---
Right Door Assembly	**30124-R**				
	Door Panel	3/8" NG x 31-3/8" x 71-1/2" DOOR PANEL	K 7108310600A	1	---
	Right Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH
Left Door Assembly	**30124-L**				
	Door Panel	3/8" NG x 31-3/8" x 71-1/2" DOOR PANEL	K 7108310600A	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	1	GY
	Horizontal Door Rails	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	2	AH

LIMITED CONDITIONAL WARRANTY*

Backyard Storage Solutions, LLC warrants the following:

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

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

CONDITIONS

The warranty is effective only when:

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

REQUIREMENTS

Storage Buildings

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

Gazebos & Pergolas

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

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

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

CLAIM PROCEDURE

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

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

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

*WARRANTY TERMS MAY VARY OUTSIDE THE U.S.A.
IMPORTANT: This is your warranty certificate.

10Y MV LDR: 3/20/2019