

16265



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or if you have questions about the building process,
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- Submit a help request
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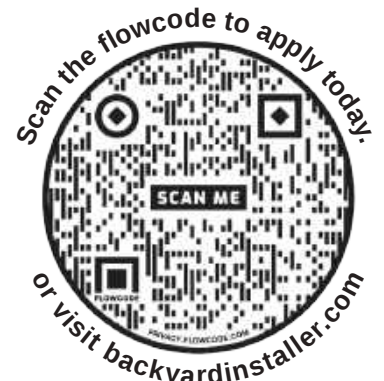
Flexible schedule



No selling,
just building



Bonus incentives
available



*based on number of completed installations

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ASSEMBLY MANUAL

GABLE 12' x 16' (365,8 x 487,7 cm)

ACTUAL FLOOR SIZE IS 120" x 192" (356,9 x 487,7 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE



Building - 12' x 16'



Optional Door Location



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 13.

- **CHECK ALL PARTS**

Inventory all parts listed on pages 4-8.

- **ADDITIONAL MATERIALS**

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



*****CONTACT OUR CUSTOMER SERVICE TEAM**

IF ANY PARTS ARE MISSING OR DAMAGED***

- Order form and warranty at back of manual -

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



TOOLS

Required

☐ Phillips Screwdriver 

☐ Drill / Driver
☐ 1/8" Drill Bit
☐ 1/4" Drill Bit
☐ 5/16" Drill Bit
☐ 1/2" Drill Bit
☐ #2 Phillips Drive Bit

☐ Hammer 

☐ Level 

☐ Pencil 

☐ Tape Measure 

☐ Square  or 

☐ Utility Knife 

☐ Shingle Blades 

☐ Caulk Gun 

☐ Paint Tools 

☐ Safety Glasses 

☐ Hand Saw 

☐ Ladder 

Optional

☐ Tool Belt/ Nail Pouch 

☐ Tin Snips (for drip edge) 

☐ Chalk Line 

☐ Nail Gun
 • gun nails 

☐ Gloves 

☐ Clamps 

Safety! Always use approved safety glasses during assembly.

HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.



= Assistance Required; two or more people.



= Ensure squareness.



= Important required step or operation.



= Helpful assembly hint.



= Mark part with pencil.



= Beginning of steps for assembly or installation.



= You have finished the assembly or installation.

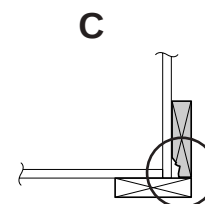
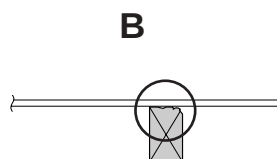
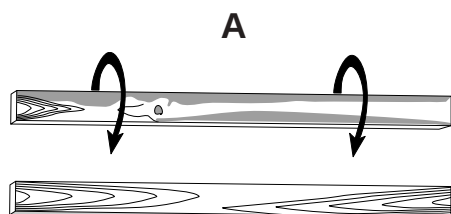


= Level

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.)



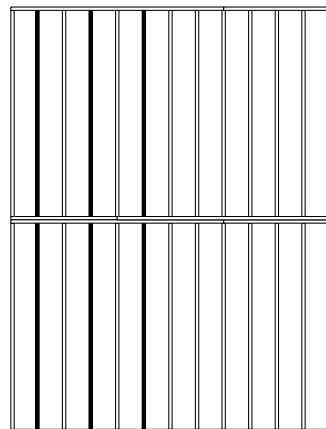
ADDITIONAL MATERIALS

FOUNDATION OR FLOOR MATERIALS

- If you purchased a separate floor kit, use instructions and materials in that kit to construct your floor.
- See the FLOOR LEVELING section on page 13 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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



☐ **x6** 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) Treated Lumber
cut to 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

☐ **x24** 3" (7,6 cm) hot-dipped galvanized nails

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

COMPLETING YOUR SHED

You will need these additional materials:

☐ **3-TAB SHINGLES (Bundles)..... 10**

☐ **PAINT FOR SIDING (Gallons)..... 3**
Use 100% acrylic latex exterior paint.
(2) coats recommended.

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

☐ **PAINT FOR TRIM 2 Quarts**
Use 100% acrylic latex exterior paint.

☐ **CAULK 5 Tubes**
Use acrylic latex exterior caulk that is paintable.



OPTIONAL MATERIALS

☐ **DRIP EDGE (Feet)..... 70**

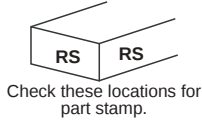
☐ **#15 ROOFING FELT (Sq ft. to cover)..... 298**

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

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

PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.



Treated lumber is stamped:

TREATED

WOOD SIZE CONVERSION CHART

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

PARTS LIST

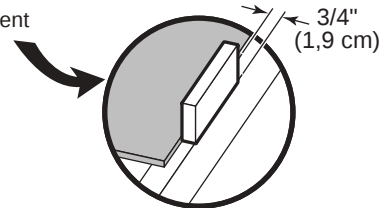


INVENTORY YOUR PARTS before you begin.

We suggest sorting parts by the category they are listed in.

WALLS

- ☐ **x1** **GAA** 1 x 3 x 5" (2,5 x 7,6 x 12,7 cm) Gauge Block for 3/4" (1,9 cm) measurement
- ☐ **x3** **UY** 2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)
- ☐ **x4** **CPA** 2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)
- ☐ **x2** **LV** 2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)
- ☐ **x4** **AO** 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 cm)
- ☐ **x4** **UV** 2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)
- ☐ **x4** **STL** 2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)
- ☐ **x7** **SP** 2 x 4 x 48" (5,1 x 10,2 x 121,9 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)
- ☐ **x33** **AI** 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)
- ☐ **x8** **TJ** 2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)
- ☐ **x8** **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



RAFTERS

- ☐ **x12** **CLA** 2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)
- ☐ **x16** 6" x 24" (15,2 x 61 cm) OSB OR WOOD GRAIN ⚠
- ☐ **x3** **WTA** 1 x 4 x 84" (5,1 x 10,2 x 213,4 cm)
- ☐ **x18** **DNB** 2 x 4 x 88-11/16" (5,1 x 10,2 x 225,3 cm)

DOOR

- ☐ **x2** **NQA** 19/32" x 4" x 26-5/8" (1,5 x 10,2 x 67,6 cm)
- ☐ **x1** **ZJ** 19/32" x 3" x 72" (1,5 x 7,6 x 183 cm)
- ☐ **x2** **OO** 69" Door Stiffener (175,3 cm)

FLOOR FRAME

Treated lumber
is stamped:

TREATED

☐ x4  2 x 4 x 48" (5 x 10 x 122 cm)

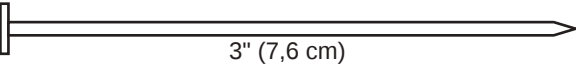
☐ x20  2 x 4 x 93" (5 x 10 x 236,2 cm)

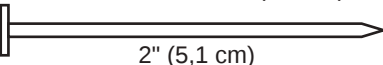
☐ x4  2 x 4 x 96" (5 x 10 x 243,8 cm)

FLOOR PANELS

Floor panels are 5/8" (1,6 cm) thick.

☐ x6  5/8 x 48 x 96"
(1,6 x 121,9 x 243,8 cm)

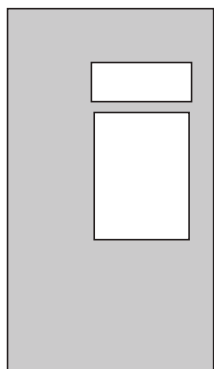
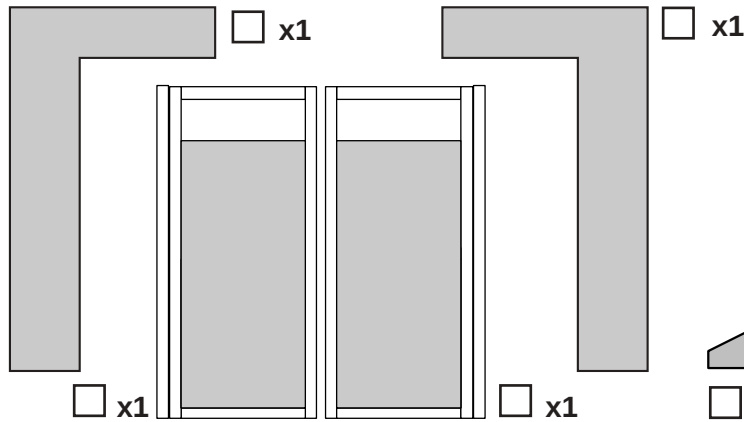
☐ x150  3" (7,6 cm)

☐ x400  2" (5,1 cm)

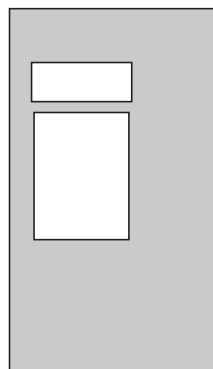
WALL PANELS & DOORS

Wall panels are 3/8" (1,0 cm) thick.

NOTE: Panel parts are not stamped.



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



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



☐ x9
3/8 x 48 x 84"
(1 x 121,9 x 213,4 cm)



☐ x2
3/8 x 23-7/8 x 84"
(1 x 60,6 x 213,4 cm)

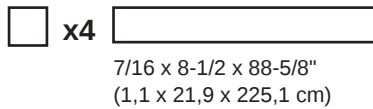
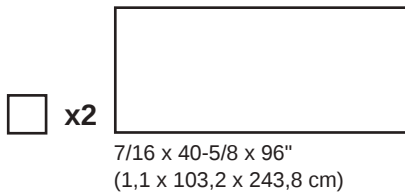
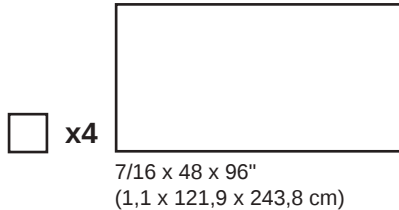
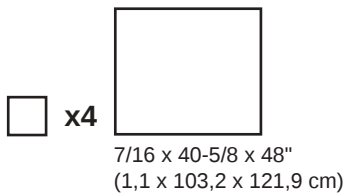
TRIM

- ☐ **x2** QOD 19/32" x 2-1/2" x 22-1/2" (5,1 x 6,3 x 57,1 cm)
- ☐ **x2** JOB 19/32" x 3-1/2" x 22-1/2" (5,1 x 8,9 x 57,1 cm)
- ☐ **x2** KRB 19/32" x 3-1/2" x 31" (5,1 x 8,9 x 78,7 cm)
- ☐ **x4** PAK 19/32" x 3-1/2" x 45-1/8" (5,1 x 8,9 x 114,6 cm)
- ☐ **x2** 3/8 x 5-7/8" x 47-7/8" (1 x 14,9 x 121,6 cm)
- ☐ **x2** 3/8 x 4-3/4" x 47-7/8" (1 x 12,1 x 121,6 cm)
- ☐ **x4** 3/8 x 7-7/8 x 86-3/4" (1 x 20 x 220,3 cm)
- ☐ **x8** KFB 2 x 4 x 88-11/16" (5,1 x 10,2 x 225,3 cm)
- ☐ **x2** 3/8 x 4-3/4 x 89-1/4" (1 x 12,1 x 226,7 cm)
- ☐ **x2** 3/8 x 4-3/4 x 89-1/4" (1 x 12,1 x 226,7 cm)
- ☐ **x4** 3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)
- ☐ **x4** 3/8 x 4-3/4 x 80-7/8" (1 x 12,1 x 204,8 cm)
- ☐ **x4** 3/8 x 2-1/2 x 81-7/8" (1,0 x 6,3 x 208 cm)
- ☐ **x4** 3/8 x 2-1/2 x 82-1/2" (1,0 x 6,3 x 209,6 cm)

ROOF PANELS

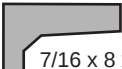
Roof panels are 7/16" (1,1 cm) thick.

NOTE: Panel parts are not stamped.



SHELF

☐ x7 **AC** 2 x 3 x 10" (5,1 x 7,6 x 25,4 cm)

☐ x7  7/16 x 8 x 12-1/2" (1 x 20,3 x 31,8 cm)

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

☐ x1  7/16 x 11-7/8 x 47-7/8" (1,1 x 30,2 x 121,6 cm)

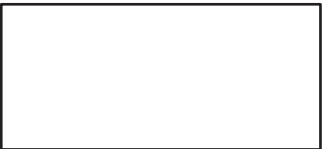
☐ x1  7/16 x 11-7/8 x 96" (1,1 x 30,2 x 121,6 cm)

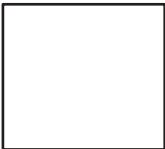
☐ x1 **KP** 1 x 4 x 96" (2,5 x 10,2 x 243,8 cm)

LOFT

☐ x5 **SP** 2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)

☐ x5 **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

☐ x1  7/16" x 48" x 96"
(1,1 x 112,4 x 243,8cm)

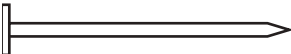
☐ x1  7/16" x 40-5/8" x 48"
(1,1 x 103,2 x 121,9 cm)

☐ x4  (NOT ACTUAL SIZE)
3/8" x 5-1/2" (1 cm x 14 cm) Hex Bolt

☐ x8  3/8" (1 cm) Flat Washer

☐ x4  3/8" (1 cm) Lock Nut

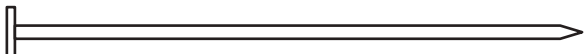
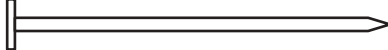
FASTENER/HARDWARE BAG

- ☐ x95  1-1/2" (3,8 cm)
- ☐ x295  2" (5,1 cm)
- ☐ x190  3" (7,6 cm)
- ☐ x30  2" (5,0 cm)
- ☐ x70  1-5/8" (4,1 cm)
- ☐ x85  3/4" (1,9 cm)

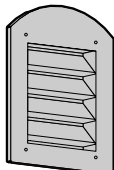
NOTE:

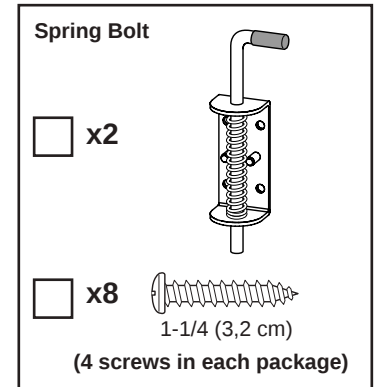
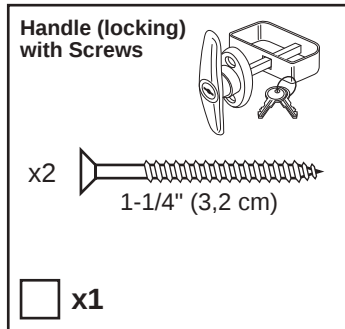
If you are using a nail gun, nails may be used where screws are shown for quicker assembly. Length of nail must match screw length.

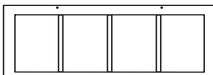
NAIL BOXES (Shown Actual Size)

- ☐ x7 BOXES  3" (7,6 cm)
- ☐ x9 BOXES  2" (5,1 cm)

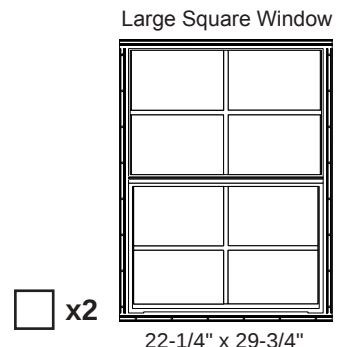
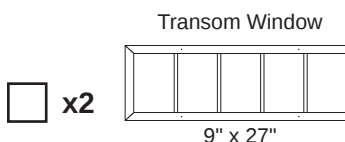
VENT, WINDOW and DOOR HARDWARE

- ☐ x6 
- ☐ x18  1" (2,5 cm)
- ☐ x2   x8 #8 x 1" (2,5 cm) Pan Head Screws



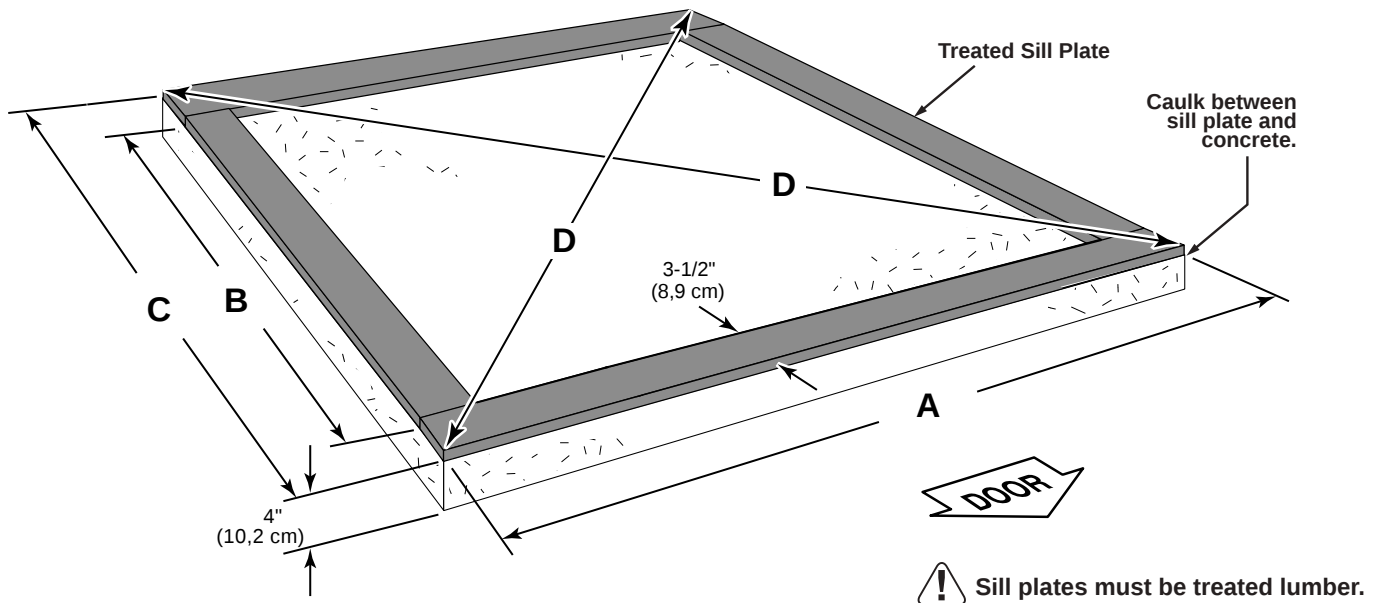
- Transom Window**
- 
- ☐ x2 9" x 25"
- ☐ x16  3/4" (1,9 cm)

- ☐ x1  **64" Metal Threshold**
 3/4" (1,9 cm) x11
Bagged separately / special coating



CONCRETE FOUNDATION

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



Building Size	Actual Floor Size	A	B	C	D
12'x16' (304,8 x 487,7 cm)	12'x16' (304,8 x 487,7 cm)	144" (365,8 cm)	185" (469,9 cm)	192" (487,7 cm)	240" (609,6 cm)

Requires:

- ☐ x2 2 x 4 x 12' (5,1 x 10,2 x 365,8 cm)
- ☐ x2 2 x 4 x 16' (5,1 x 10,2 x 487,7 cm)
Cut to: 185" (469,9 cm)
- ☐ x1 Caulk

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

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

- Use a high quality exterior grade caulk beneath all sill plates.
- Fasten 2 x 4 (5,1 x 10,2 cm) sill plates to slab using approved concrete anchors (**fasteners not included**).
- Check local code for concrete foundation requirements.

NOTES

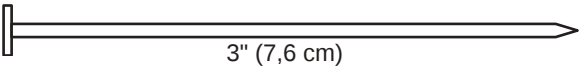
FLOOR FRAME

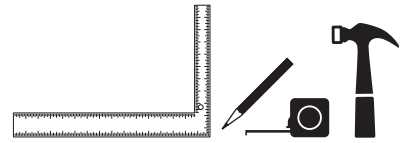
PARTS REQUIRED:

x4 TREATED NOTE: Look for TREATED Stamp.
 2 x 4 x 48" (5 x 10 x 122 cm)

x20 TREATED
 2 x 4 x 93" (5 x 10 x 236,2 cm)

x4 TREATED
 2 x 4 x 96" (5 x 10 x 243,8 cm)

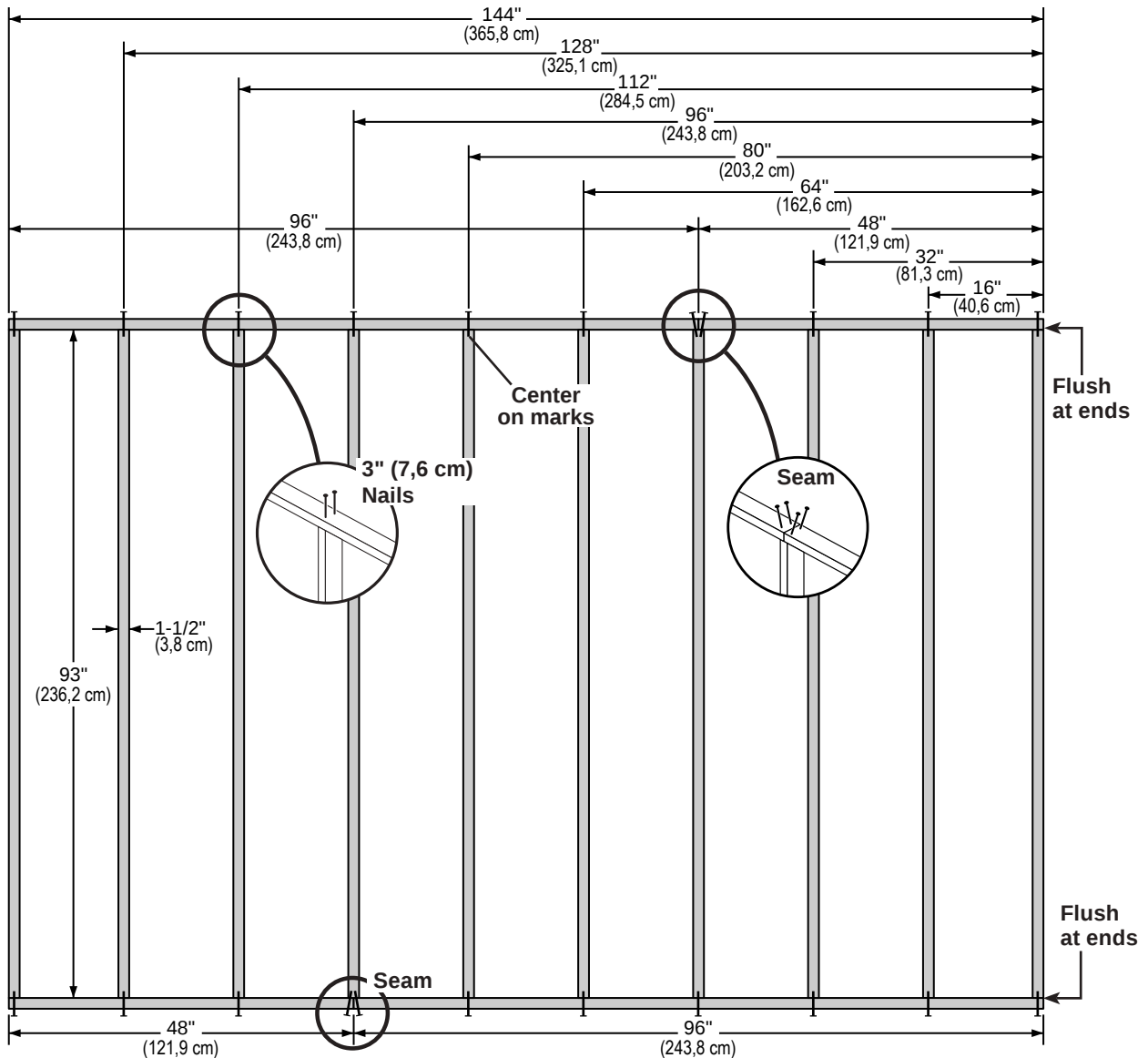
x88  3" (7,6 cm)



Build two identical floor sections.

✓ **BEGIN**

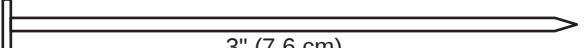
- 1 Arrange parts as shown on flat surface. Measure and mark each dimension from end of boards. Secure with (2) 3" nails at each mark and (4) nails at seams.



Repeat assembly steps to build your 2nd floor section.

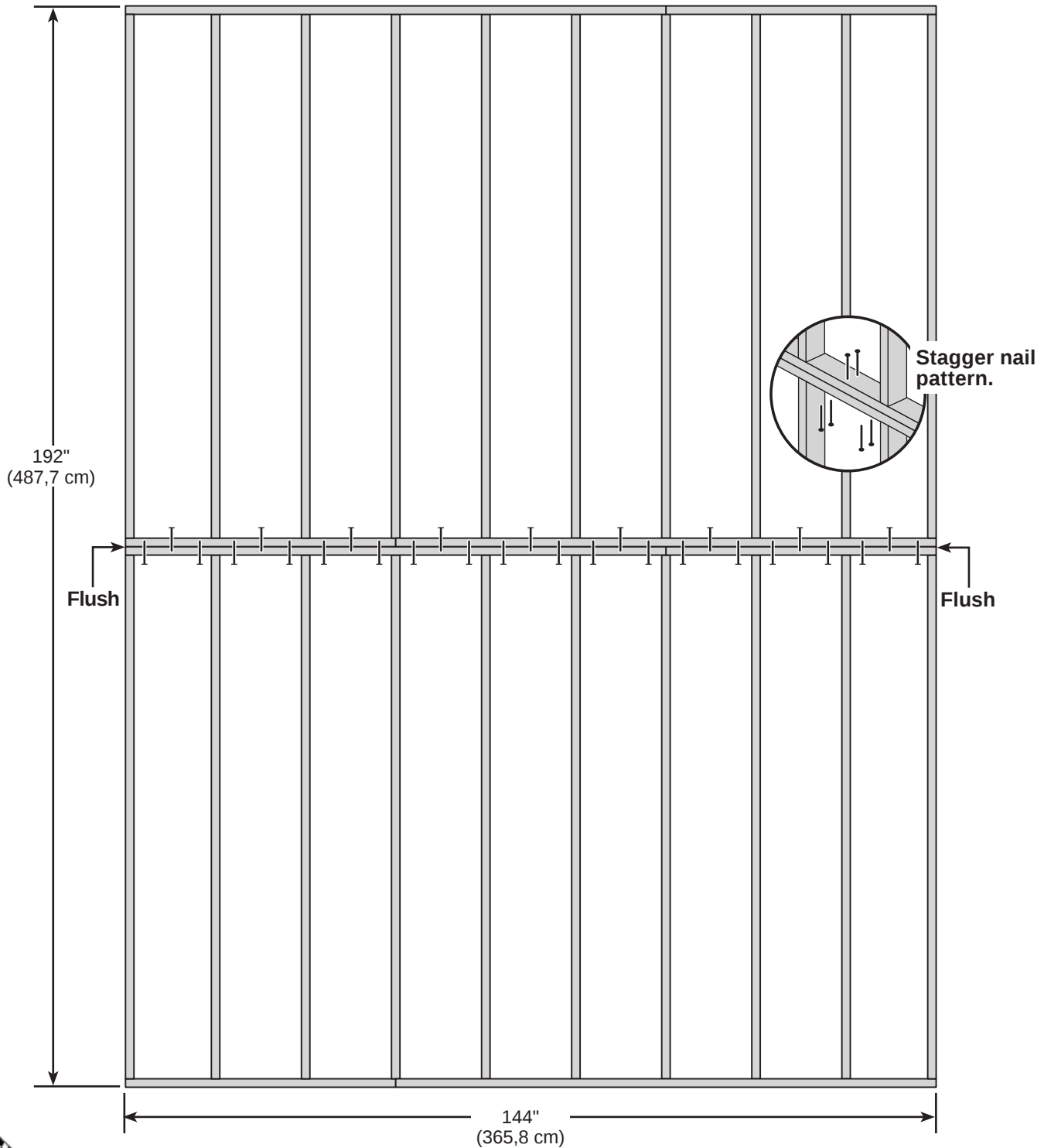
FLOOR FRAME

PARTS REQUIRED:

x54  3" (7,6 cm)



- 2** Fasten (2) floor sections together, as shown. Secure with 3" nails.



Your floor frame is now assembled. Proceed to level and square frame.

STOP!



LEVEL AND SQUARE FLOOR FRAME



STOP!

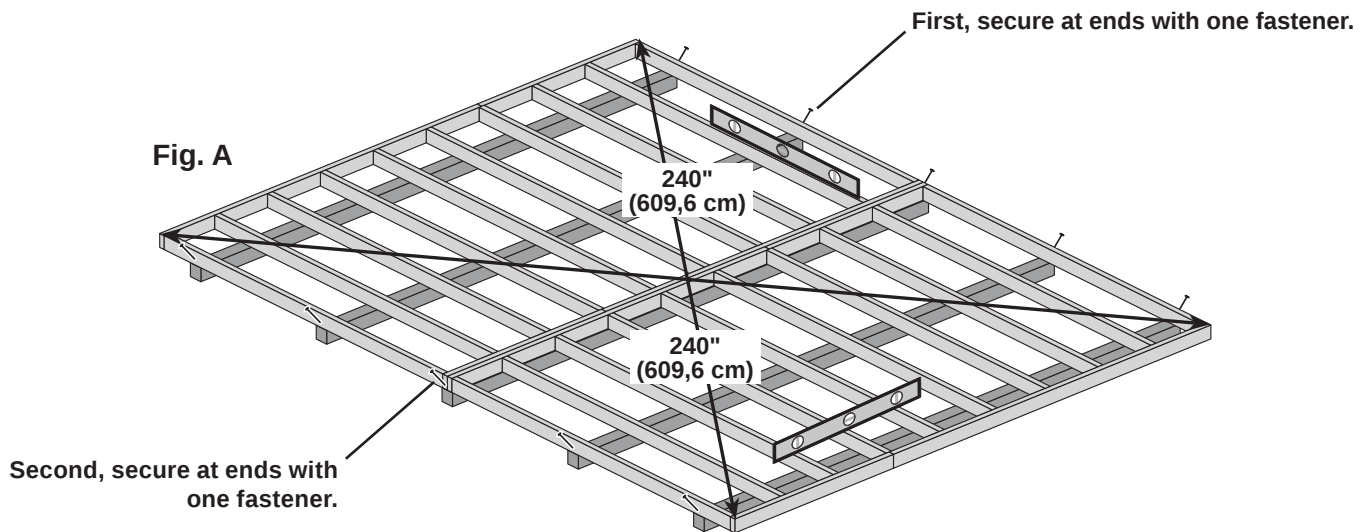
Before installing floor decking, it is important to level and square the floor frame.
A level and square floor frame is required to correctly construct your shed.

✓ **BEGIN**

1 See page 13 for the preferred floor leveling method.

2 Using a level, ensure that the frame is level before installing floor panels.

3 Check for frame squareness by measuring diagonally across corners.
If the measurements are the same, your frame is square.
The diagonal measurement will be approximately **240"** (609,6 cm).



4 When the frame is level and square, secure one side of frame to the 4x4 runners using (1) fastener at the end of each runner.

Move to the opposite end of the frame.

Secure the frame to 4x4 runners with one fastener at the end of each runner.

Ensure the frame remains square (**Fig. A**).



FINISH

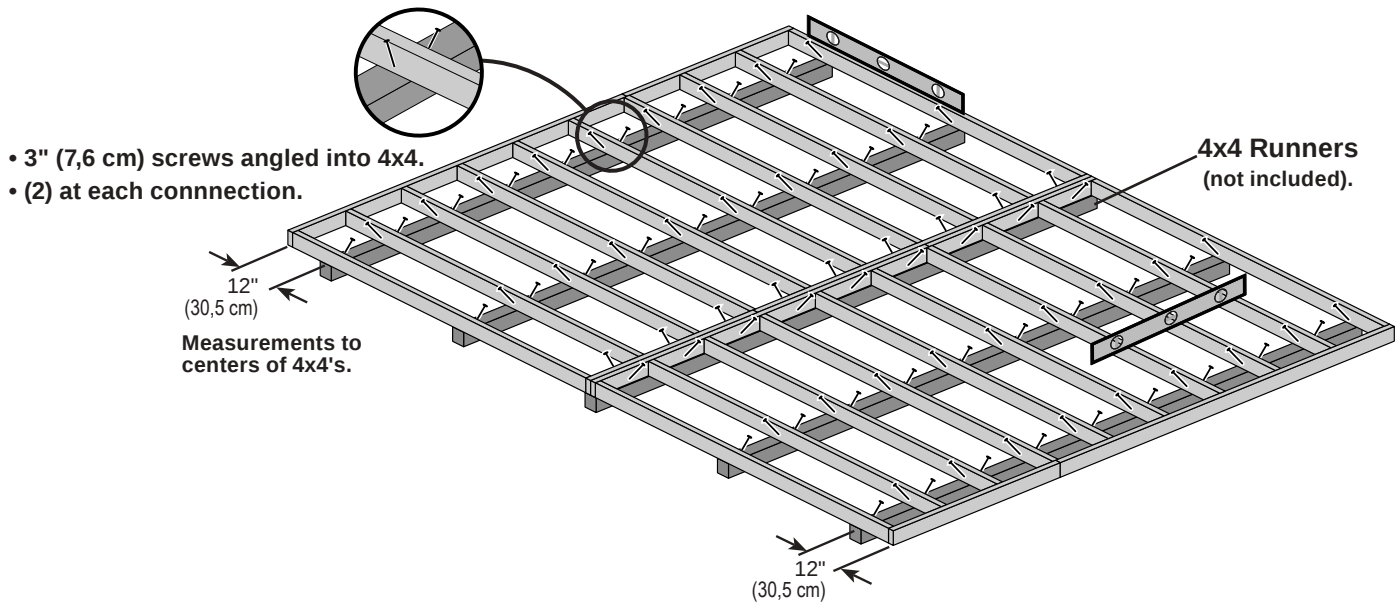
Your floor frame is now level.

OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

There are multiple ways to level your floor frame. Our recommended leveling method is shown below.

Leveling materials are not included in this kit.

PREFERRED METHOD - 4x4 TREATED RUNNERS



MATERIAL REQUIRED:

☐ x5 4 x 4 x 12' (10,2 x 10,2 x 365,8 cm) Treated Lumber

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

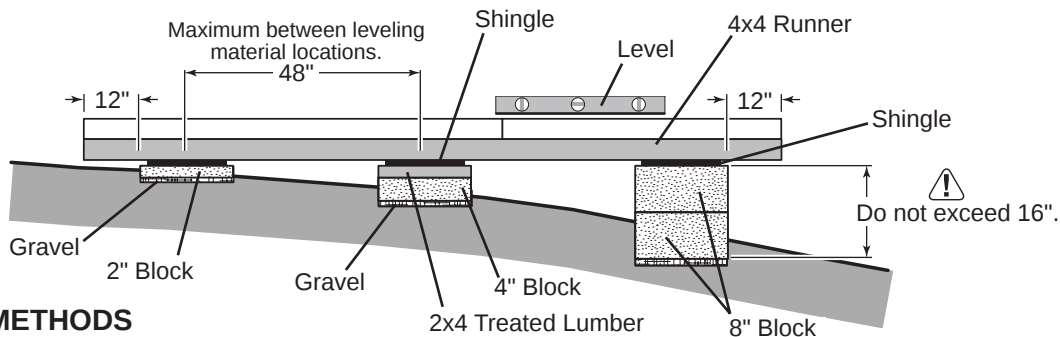
☐ x90  3" (7,6 cm)



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



Always support frame seams.



LEVELING METHODS

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

LEVELING MATERIALS

- ☐ Gravel
- ☐ Solid Masonry Blocks in 1", 2", 4" or 8" thickness
- ☐ 2x4 Treated Lumber
- ☐ Asphalt Shingles



Leveling higher than 16" not recommended.

FLOOR PANELS

PARTS REQUIRED:

x2

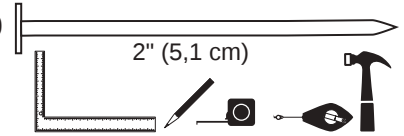


5/8 x 48 x 96"
(1,6 x 121,9 x 243,8 cm)



3/4" GAUGE
BLOCK

x120



Ensure your wall frame is square by installing one panel and squaring frame.
Install panels with rough side up (painted grid lines).

✓ BEGIN

- 1 Install (1) 48" x 96" panel with the 48" edge and corner flush to the outside of the floor frame (Fig A) and 3/4" along the floor joist. **Use the GAA gauge block for the 3/4" measurement.** Secure panel with (2) 2" nails in the corners.
- 2 Move to the opposite side. Using the long edge of the panel as a lever, move the panel side-to-side until the top corner is flush to the floor frame (Fig. B). Secure panel with (2) 2" nails in the corners.
- 3 Check that the floor frame is square by measuring diagonally across the frame corners. If the measurements are the same your floor frame is square. The measurement will be approximately 240" (609,6 cm).
- 4 Continue securing the panel with 2" nails spaced 6" apart on edges and 12" apart inside panel. Use a chalk line or use pre-painted grid lines to nail into joists under panel.

Repeat steps to install next 48" x 96" panel.

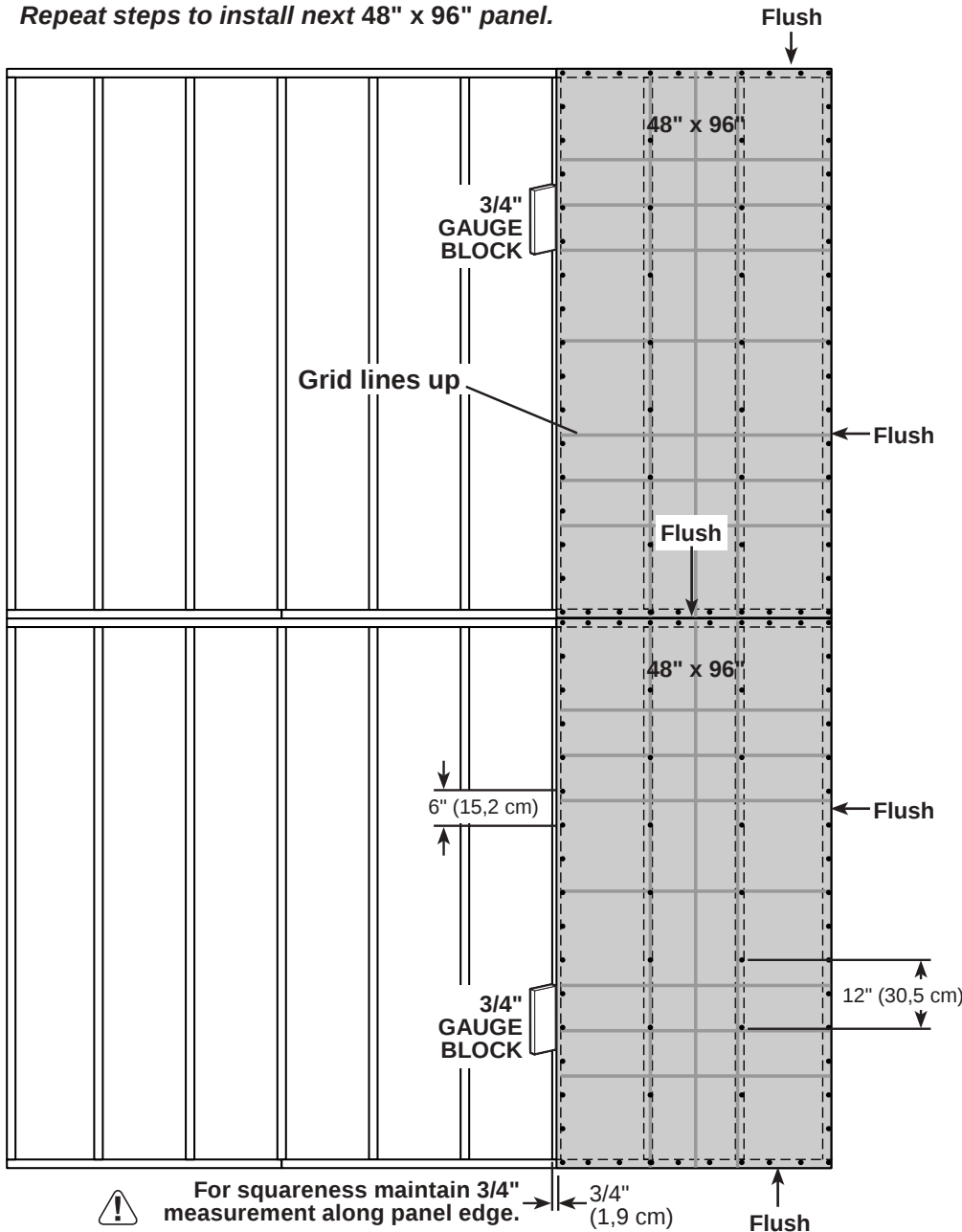


Fig. A

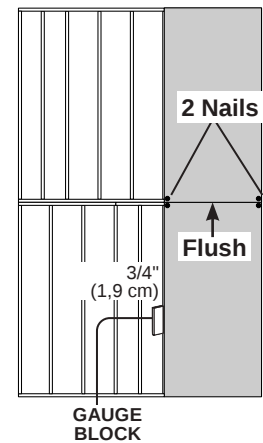
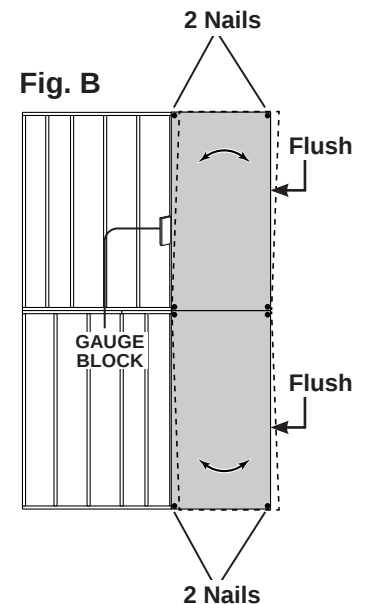


Fig. B



FLOOR PANELS

PARTS REQUIRED:

x4

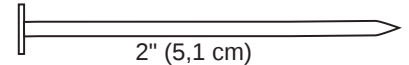


5/8 x 48 x 96"
(1,6 x 121,9 x 243,8 cm)



3/4" GAUGE
BLOCK

x240

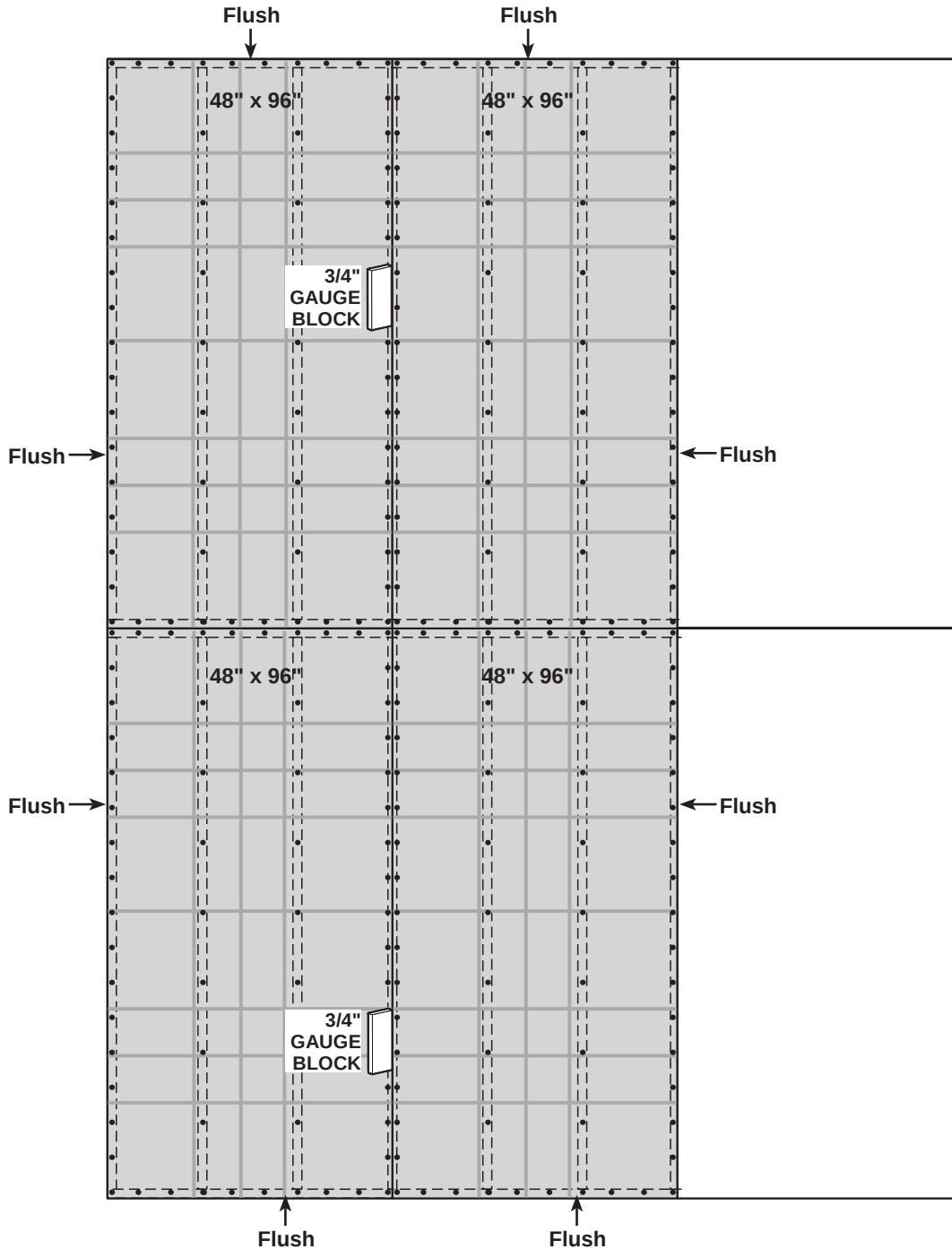


- 5 Continue installing (4) additional 48" x 96" panels.

Maintain 3/4" measurement along edge of panel using the 3/4 Gauge Block.

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

All panels should be flush.

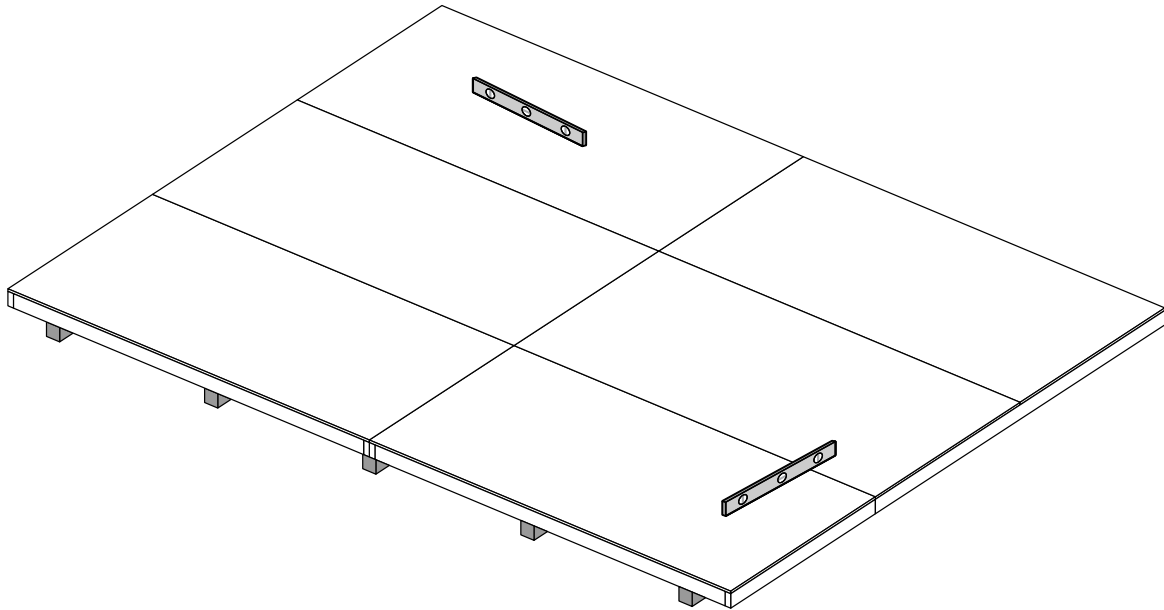


Your floor panels are now installed.

IMPORTANT!

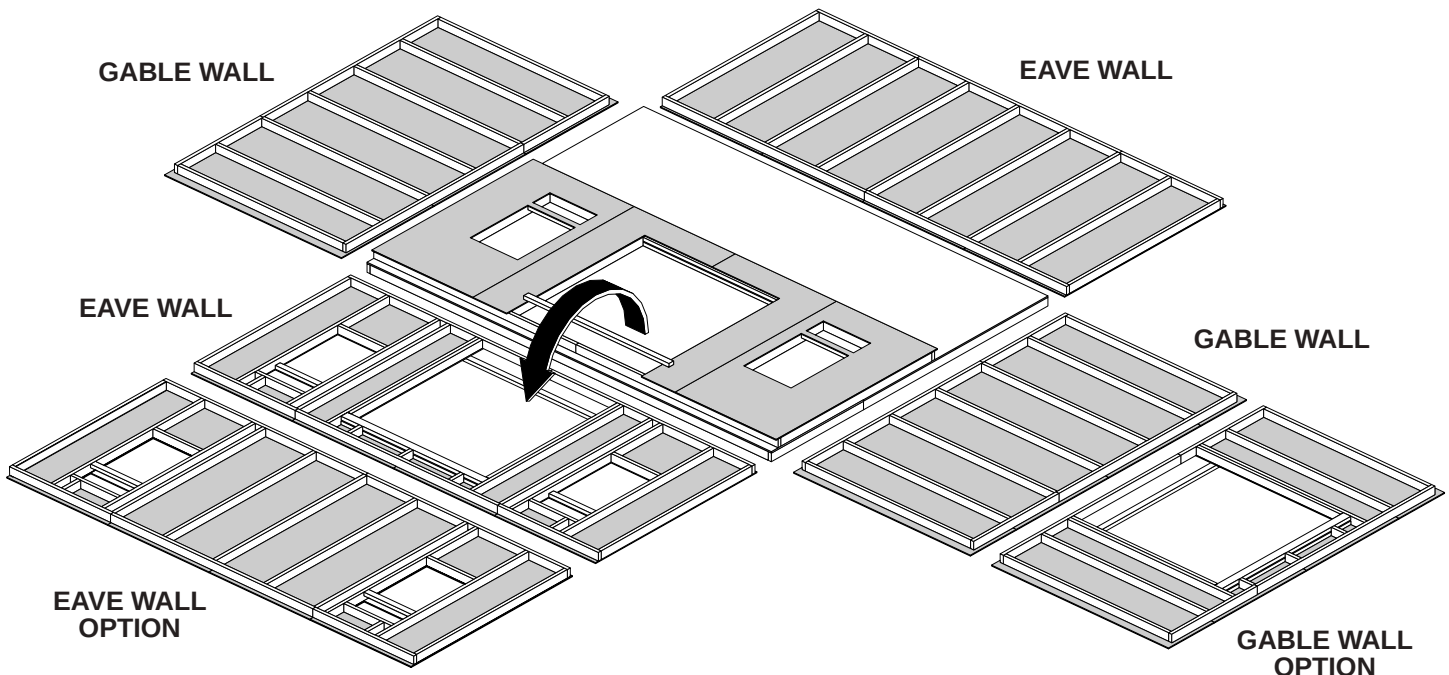
STOP!

Ensure that the floor frame is level after installing floor panels.
Re-level if necessary.



HINT:

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

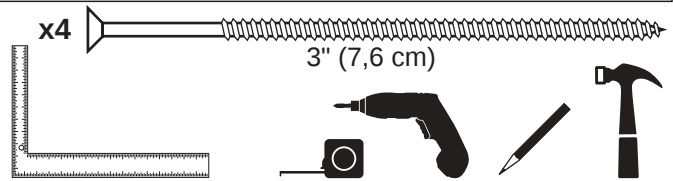


Your door location may vary.

RAFTER ASSEMBLY

PARTS REQUIRED:

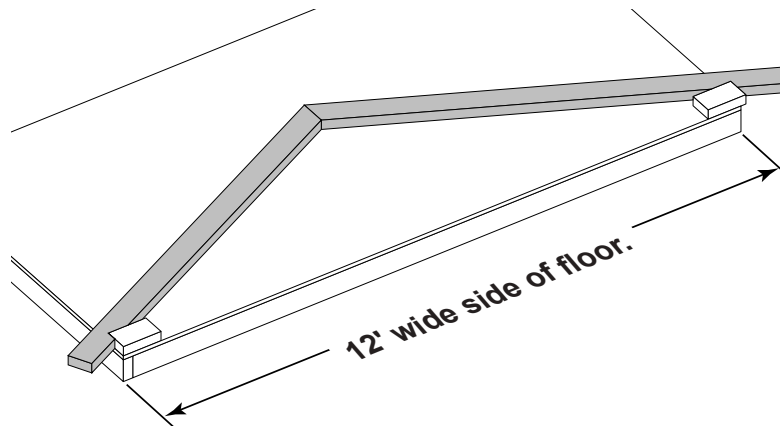
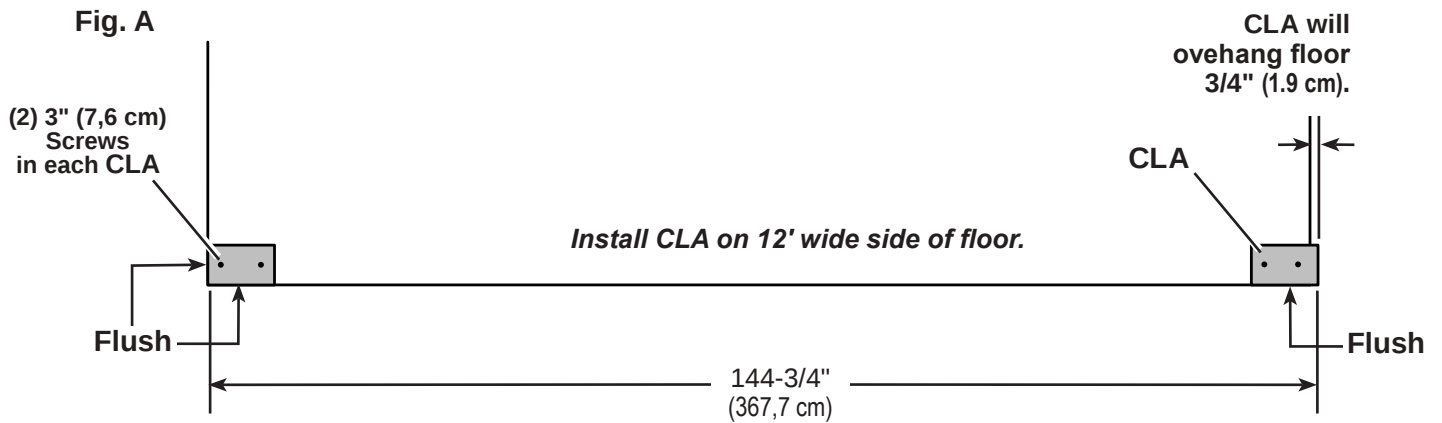
x2 **CLA** 2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)



Build a rafter jig using the floor and (2) CLA parts.

✓ **BEGIN**

- 1 Secure (1) **CLA** flush to the floor deck with (2) 3" screws (**Fig. A**).
Measure over 144-3/4" (367,7 cm) and install a second **CLA** flush to the floor deck.
Secure with (2) 3" screws.

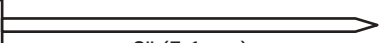


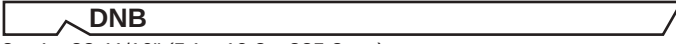
RAFTER ASSEMBLY

PARTS REQUIRED:

x16  OSB OR WOOD GRAIN

x18  1-5/8" (4,1 cm)

x160  2" (5,1 cm)

x18  **DNB**
2 x 4 x 88-11/16" (5,1 x 10,2 x 225,3 cm)



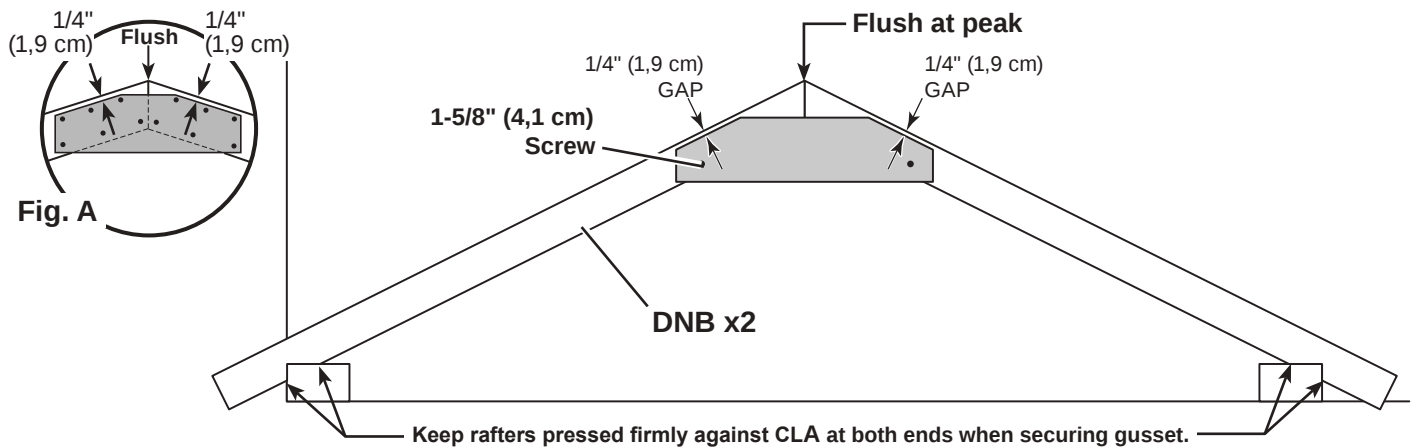
✓ BEGIN

- 1 Place (2) rafters **DNB** into the jig, as shown.
- 2 Press **DNB** firmly against the outside of **CLA**'s, as shown (**Fig. A**) and push rafters tight to the middle. Rafters should touch (flush) at peak (**Fig. A**).

Place gusset onto **DNB** with a 1/4" gap from edge (**Fig. A**) while holding rafters in place. Secure gusset with (1) 1-5/8" screw into each rafter.

HINT: These screws will help hold the measurements when you nail on gussets.

Secure the gusset to the rafters with (10) 2" nails in the pattern shown (**Fig. A**).



- 3 Flip over rafter assembly and fasten a 2nd gusset with 2" nails (**Fig. A, Fig. B**).
No need to use the jig for the 2nd gusset.

Repeat steps 1-3 to build (6) ADDITIONAL rafters with (2) gussets (Fig. B).

- 4 Repeat steps 1 and 2 to build (2) rafters with only (1) gusset (**Fig. C**)

Fig. B - Build 7 (total)

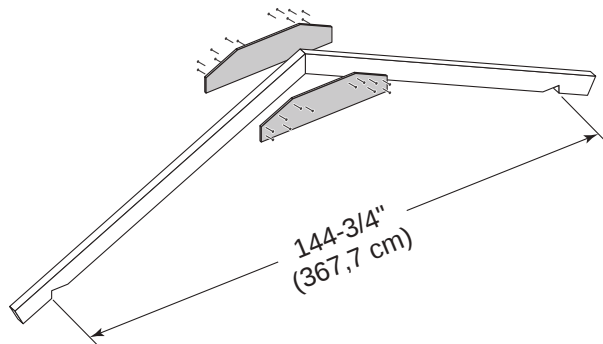
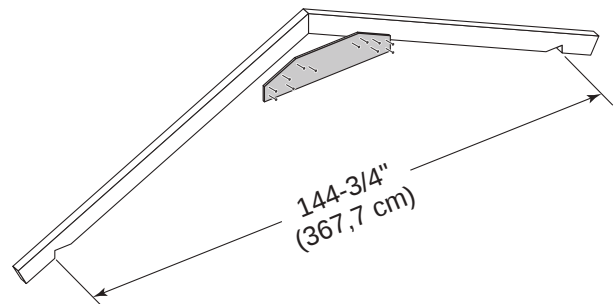


Fig. C - Build 2



FINISH

Your rafters are now assembled.

WALL INDEX

*Create your own style of shed. Choose your door location.
Use this guide to find the corresponding wall construction and installation pages.*

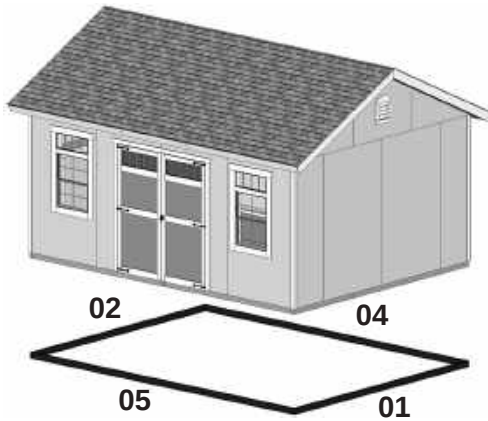
As another option, eave walls with doors can be reversed during assembly.



IMPORTANT! Build your door header before building any walls (see page 20).

Door on eave wall

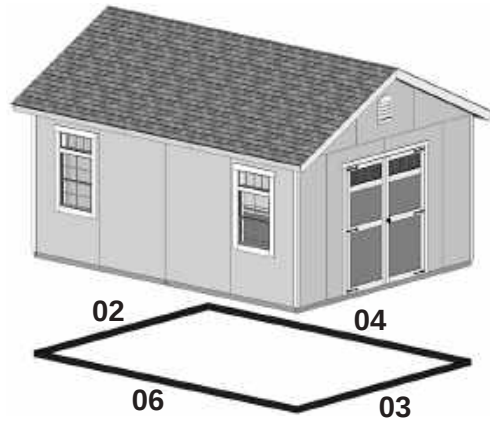
After assembling the walls for your shed, go to page 34 for wall installation.



Wall 01: Page 22
Wall 02: Page 24
Wall 04: Page 28
Wall 05: Page 30

Door on gable wall

After assembling the walls for your shed, go to page 34 for wall installation.



Wall 02: Page 24
Wall 03: Page 26
Wall 04: Page 28
Wall 06: Page 32

DOOR HEADER

STOP!

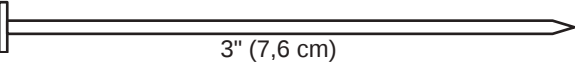
Assemble this door header before building any walls!

Any wall with a door will require this assembly.

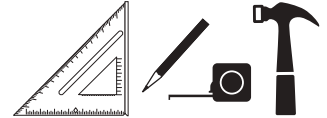
STOP!

PARTS REQUIRED:

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

x18  3" (7,6 cm)

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



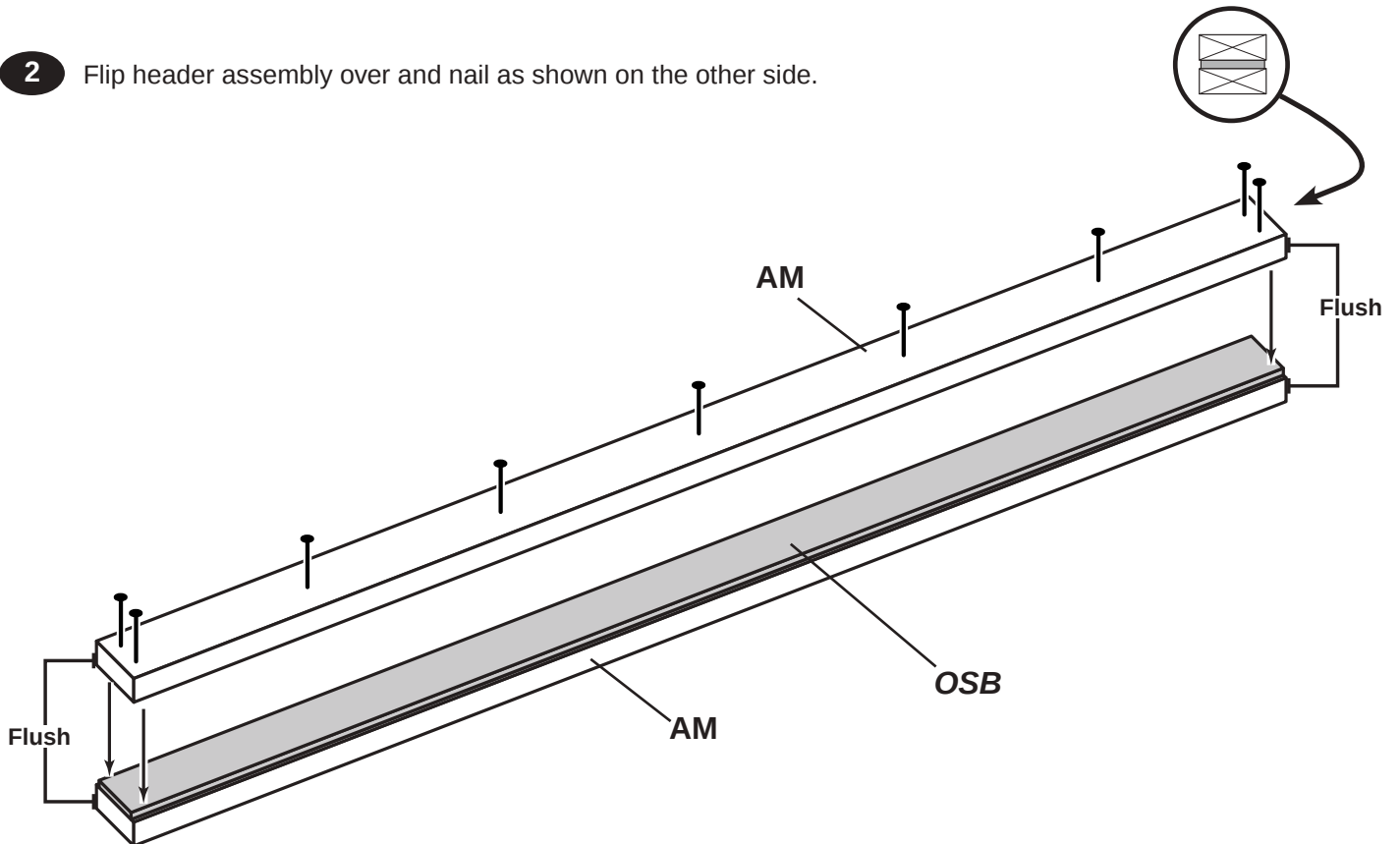
✓ BEGIN

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

Fasten together with 3" nails in the pattern shown.

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

ASSEMBLED
END VIEW



FINISH

Your door header is now assembled.

WALL PANEL INSTALLATION HINTS & EXAMPLES

PARTS REQUIRED:

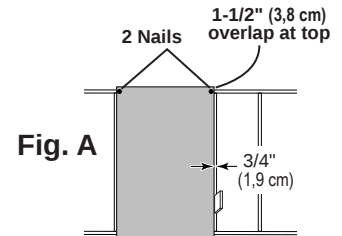


Ensure your wall is square by installing one panel and squaring frame.

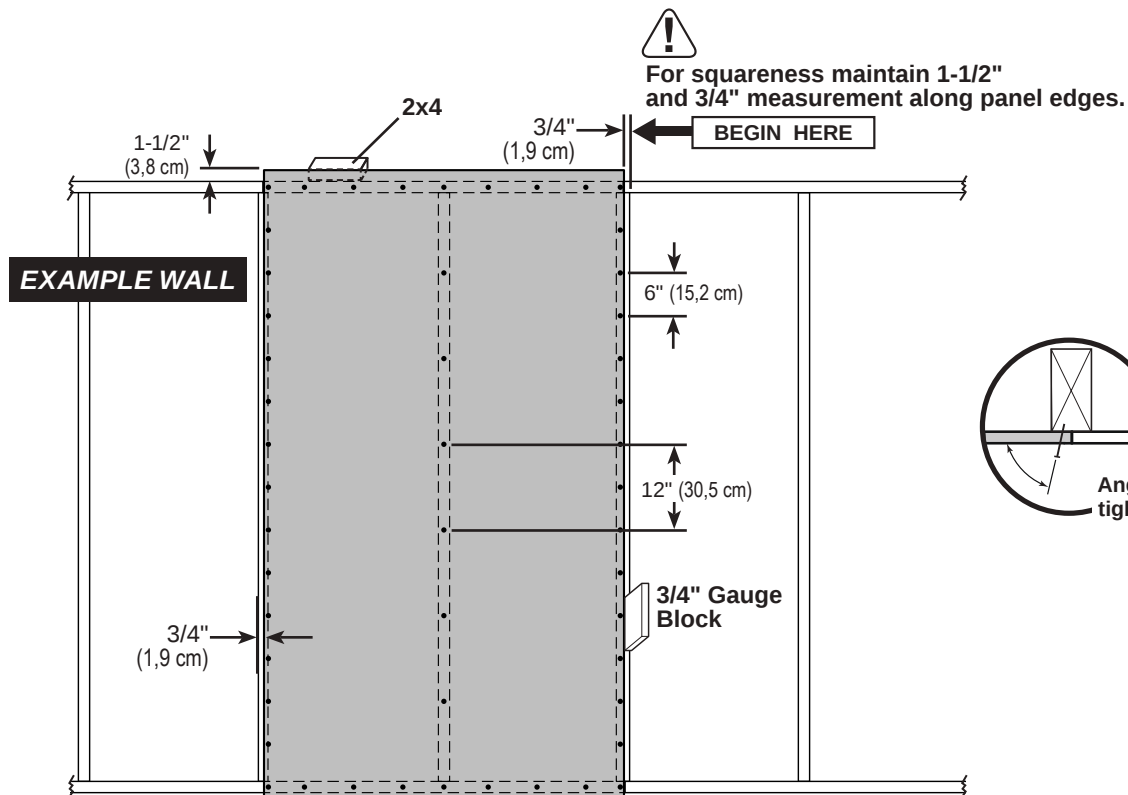
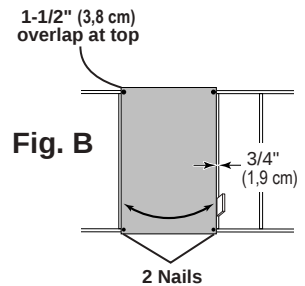
✓ **BEGIN**

Install all wall panels with the primed side facing up.

- Place (1) 48" x 84" panel on the wall frame, as shown.
Locate the panel 1-1/2" above the top plate.
Use a 2x4 as a gauge block for the 1-1/2" top overhang measurement.
Use the **GAA** gauge block to mark the 3/4" side measurement on the wall stud.
Secure panel with (2) 2" nails in the corners (**Fig. A**).



- Move to the opposite end. Using the long edge of the panel as a lever, move the panel side-to-side until you have a 3/4" measurement on the wall stud.
Secure corner with (2) 2" nails (**Fig. B**).
Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.



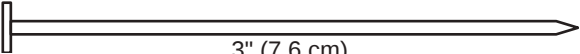
12' WALL 01

PARTS REQUIRED:

x2 **STL**
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)

x7 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

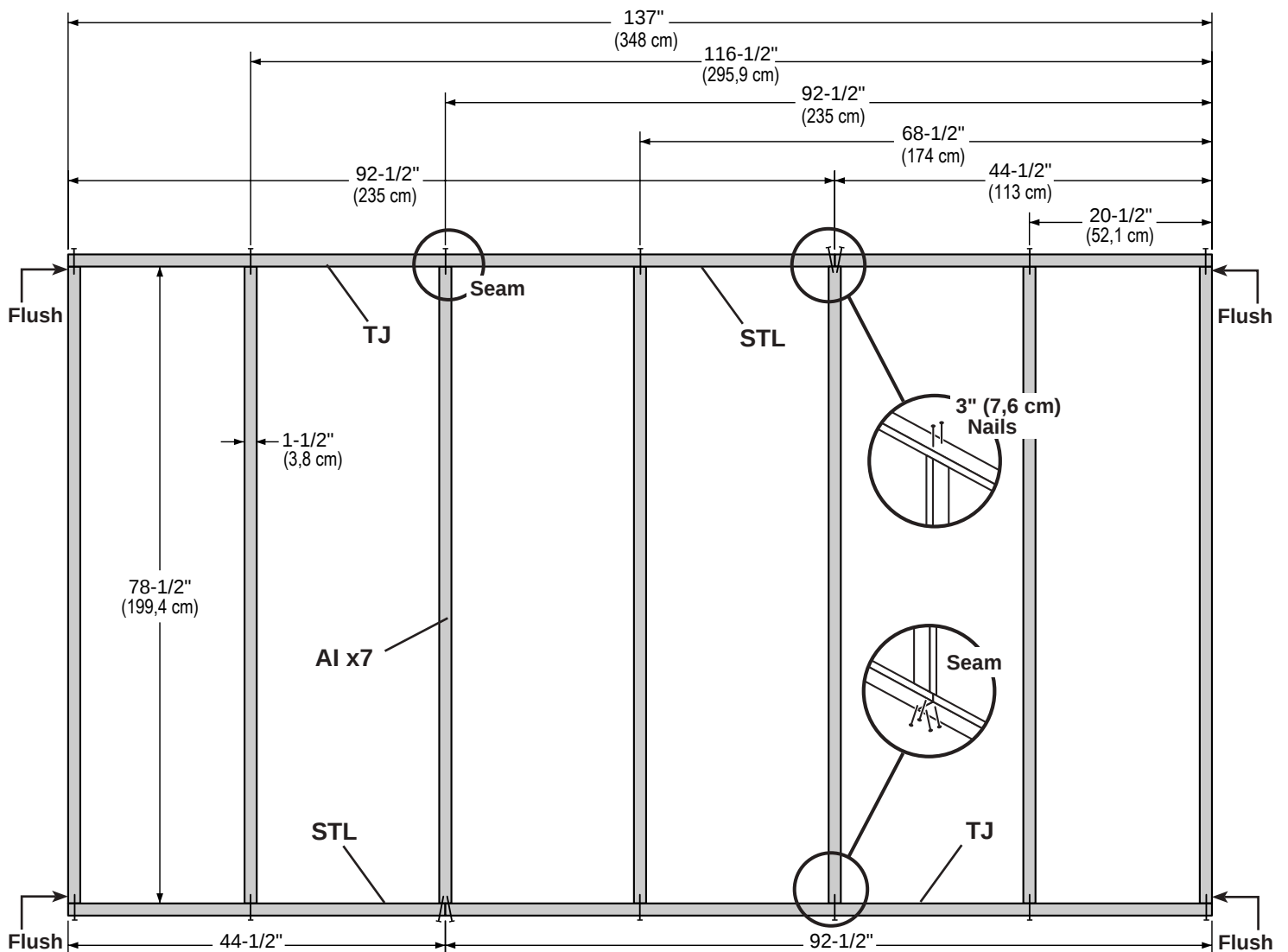
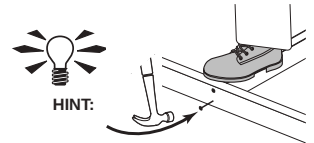
x2 **TJ**
2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)

x32  3" (7,6 cm)



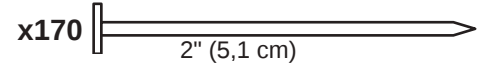
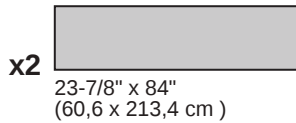
✓ BEGIN

- 1 Arrange parts on edge on floor as shown. Measure and mark from end of boards.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.



12' WALL 01

PARTS REQUIRED:



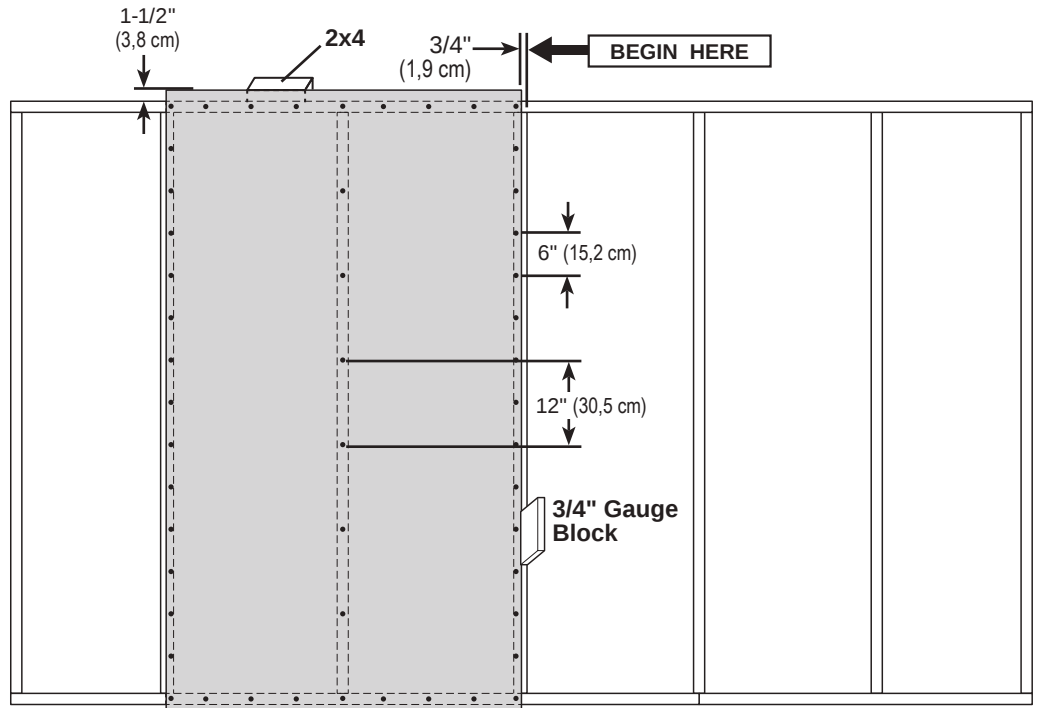
Install all wall panels with the primed side facing up.

2

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

Use a 2x4 spacer for
consistent measurement.

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

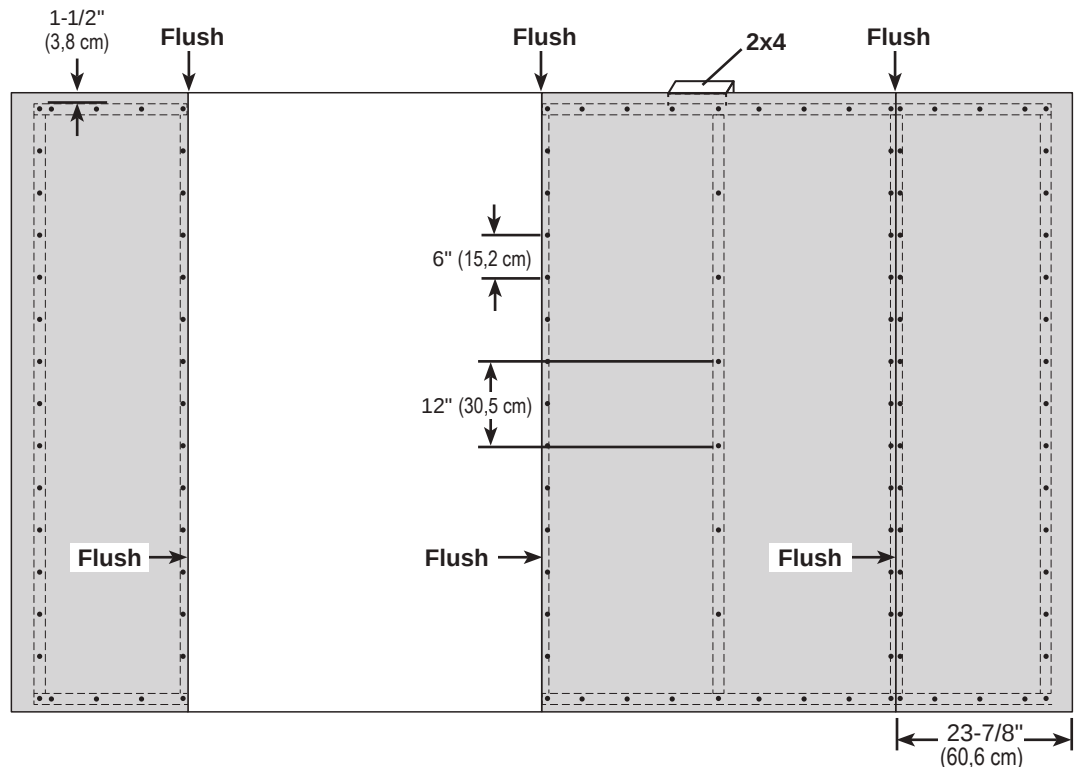


3

Install (1) **48" x 84"** and (2)
23-7/8" x 84" panels flush
to installed panels.

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

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



Your 12' wall 01 is now
assembled.

Carefully flip the wall over.

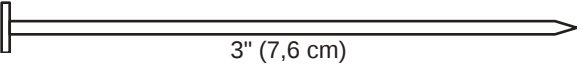
12' WALL 02

PARTS REQUIRED:

x2 **STL**
2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)

x7 **AI**
2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

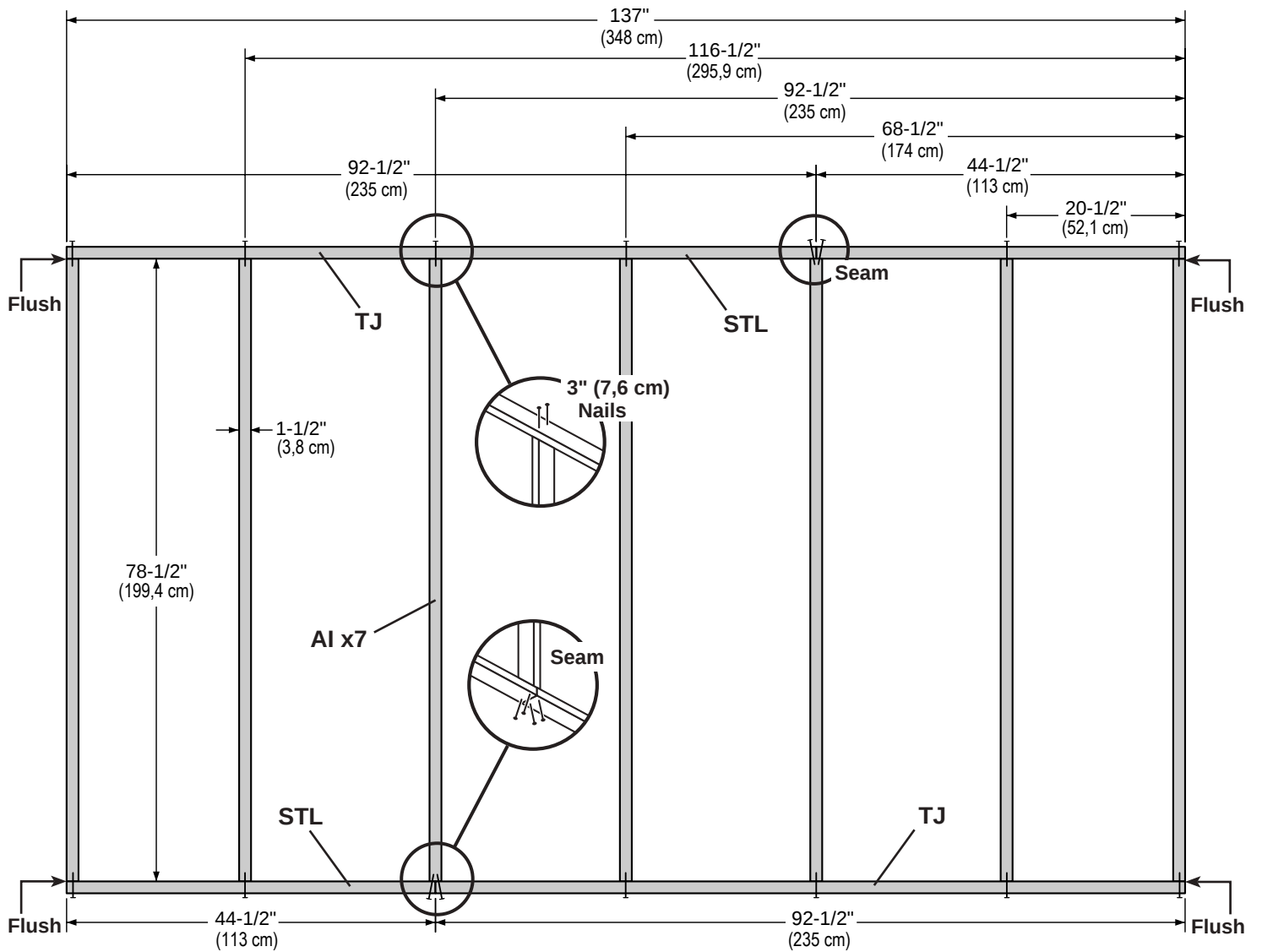
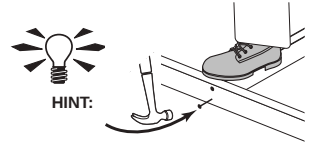
x2 **TJ**
2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)

x32  3" (7,6 cm)



✓ BEGIN

- 1 Arrange parts on edge on floor as shown. Measure and mark from end of boards.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.



12' WALL 02

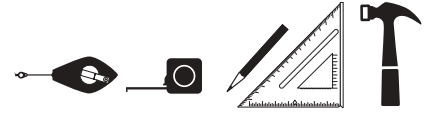
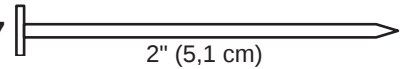
PARTS REQUIRED:

x3



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

x147



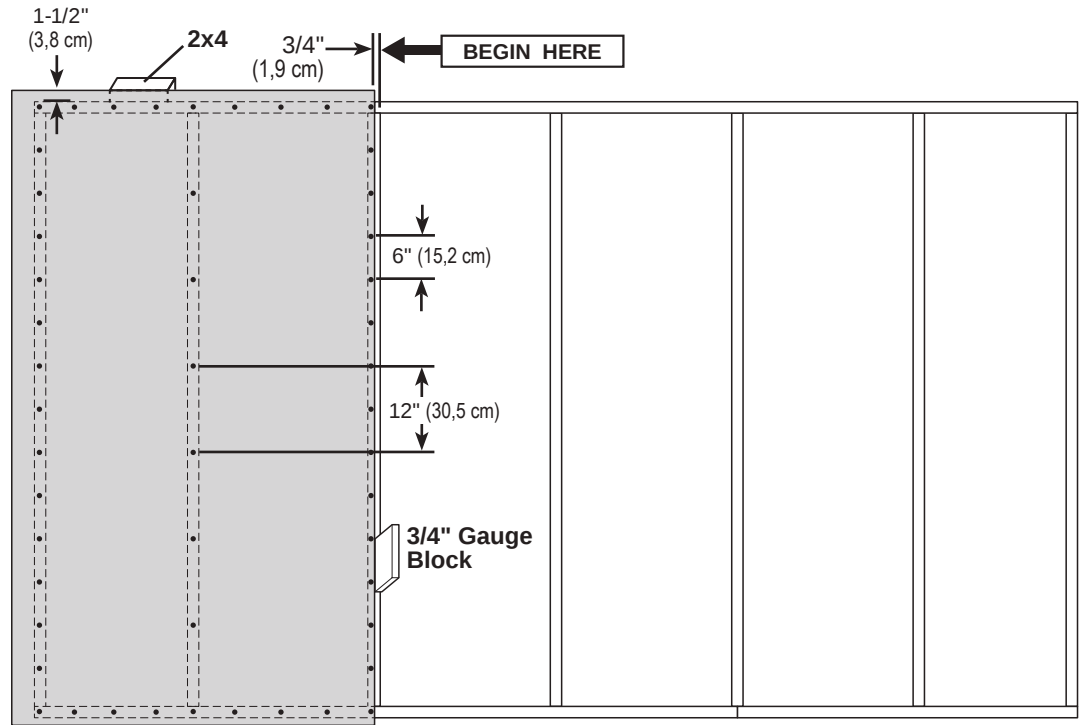
Install all wall panels with the primed side facing up.

2

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

Use a 2x4 spacer for
consistent measurement.

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

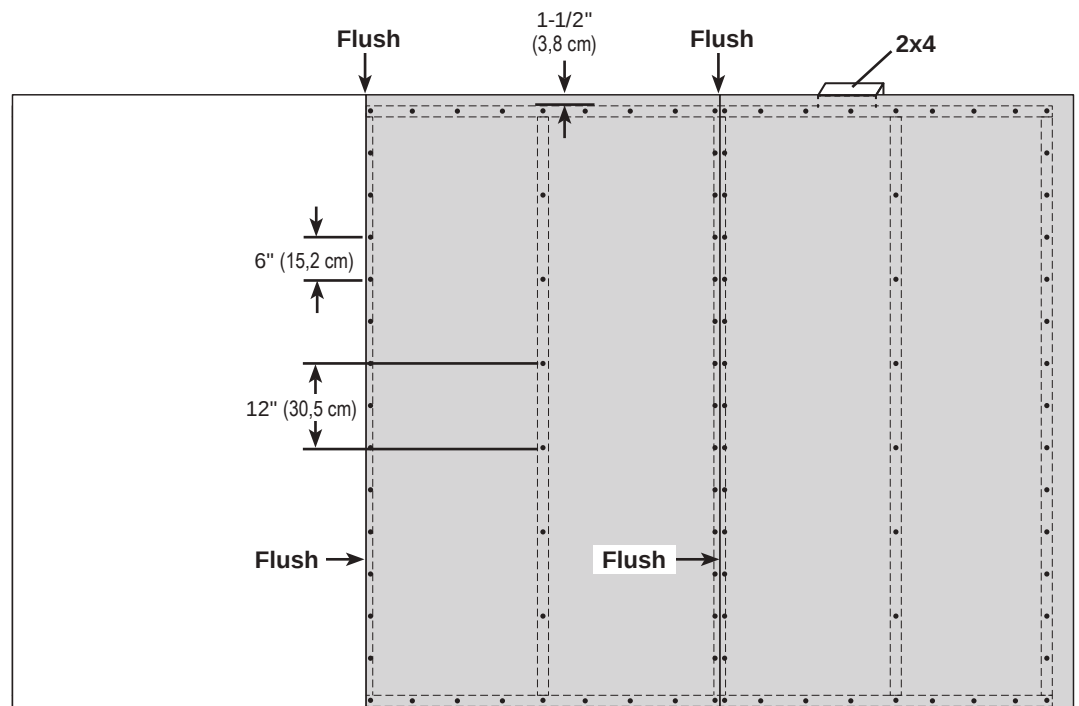


3

Install (2) **48" x 84"** panels
flush to installed panels.

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

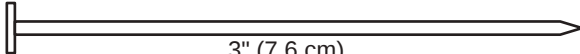
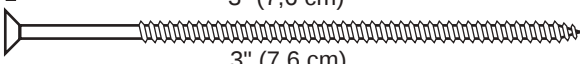
Secure with 2" nails spaced
6" apart on edges and
12" apart inside panels.



Your 12' wall 02 is now assembled.
Carefully flip the wall over.

12' WALL 03

PARTS REQUIRED:

x2	STL	2 x 4 x 44-1/2" (5,1 x 10,2 x 113 cm)	x60		3" (7,6 cm)
x2	YFA	2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)	x6		3" (7,6 cm)
x6	AI	2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)			
x2	TJ	2 x 4 x 92-1/2" (5,1 x 10,2 x 235 cm)			
x1	Assembled Header				
x3	UY	2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)			



✓ BEGIN

1

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

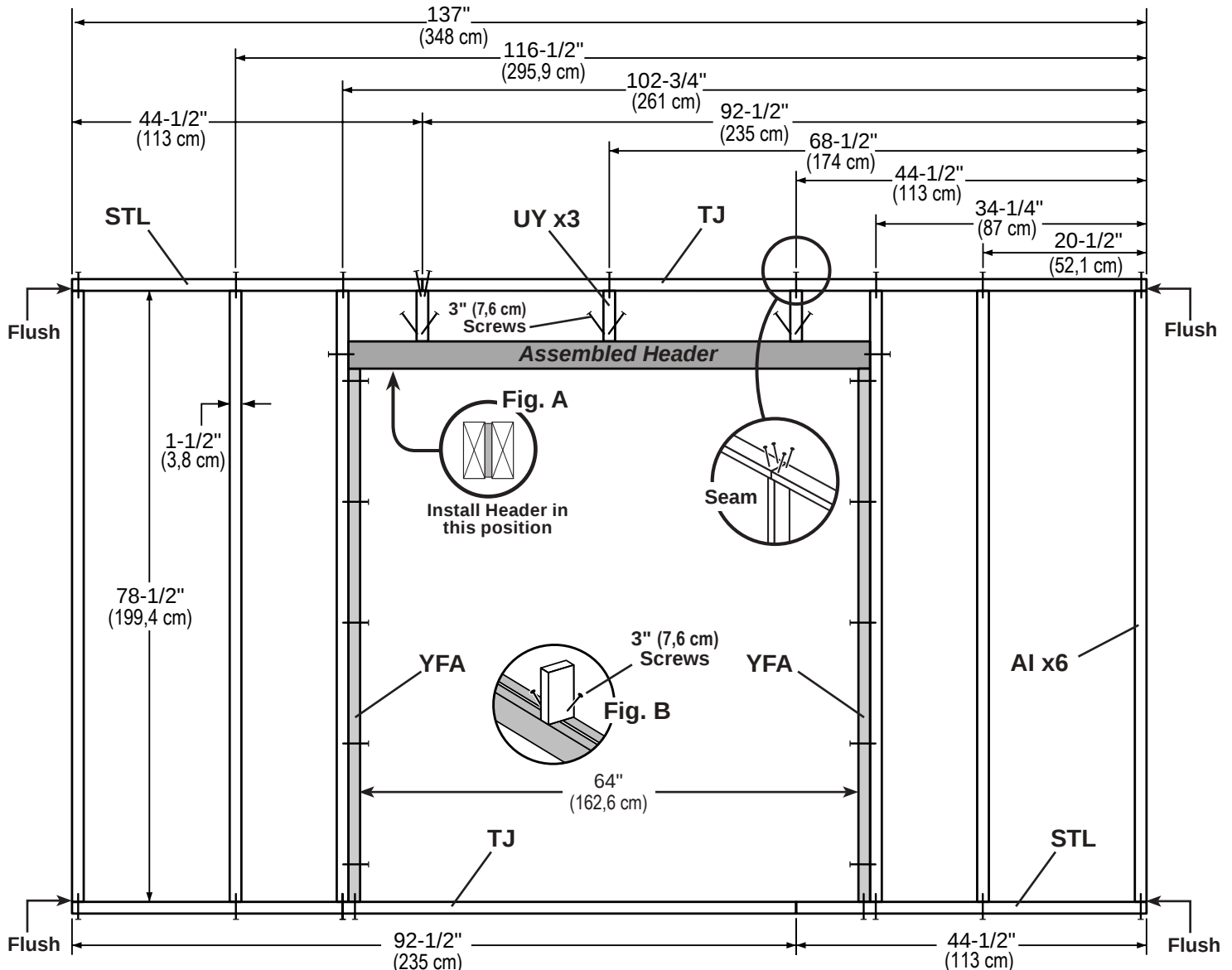
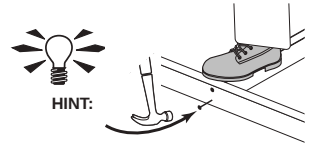
Orient **Pre Assembled Header** on flat side (**Fig. A**).

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

2

Fasten (3) middle parts **UY** to **Pre Assembled Header** with (2) 3" screws (**Fig. B**).

Secure parts **UY** to top plates with (2) 3" nails at each connection and (4) 3" nails at seam.

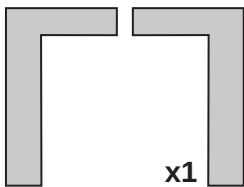


12' WALL 03

PARTS REQUIRED:

x2 
3/8 x 23-7/8 x 84"
(1 x 60,6 x 213,4 cm)

x1



x1

x1

OO Temporary Brace

69" (75,3 cm) Door Stiffener

x2



3" (7,6 cm)

x162

2" (5,1 cm)



Install all wall panels with the primed side facing up.

3

Install the left panel 1-1/2" from the top plate.

Use a 2x4 spacer for consistent measurement. Secure panel with 2" nails spaced 6" apart on edges.

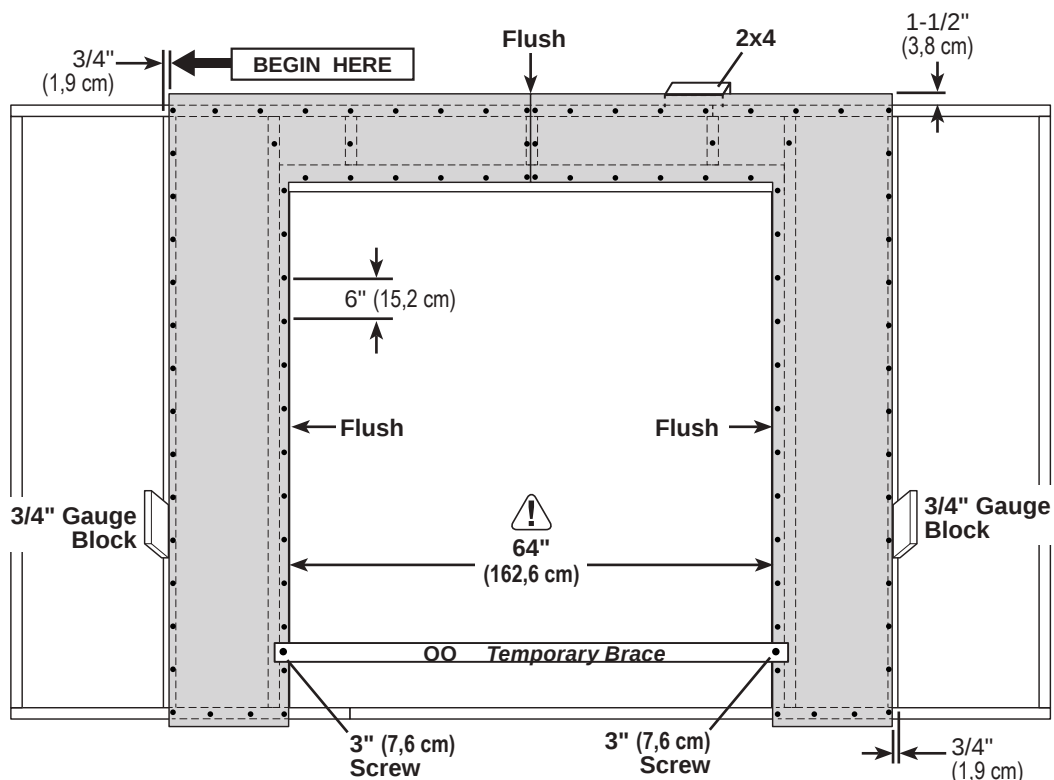
4

Install the right panel flush to installed panel, as shown.

Ensure 64" (162,8 cm) door measurement.

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

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



5

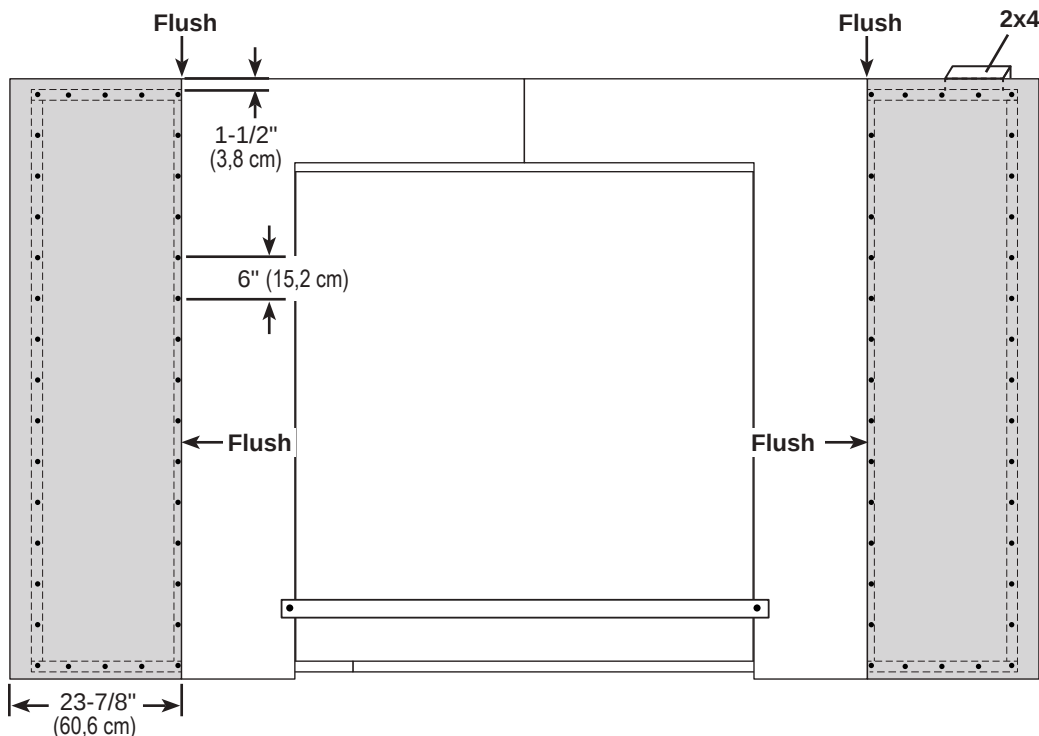
Install (2) 23-7/8" x 84" panels flush to installed panels and 1-1/2" from the top plate.

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



Your 12' wall 03 is now assembled.

Carefully flip the wall over.



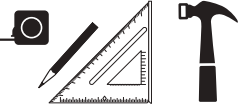
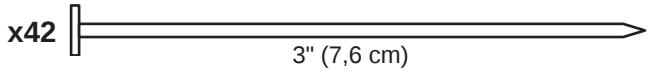
16' WALL 04

PARTS REQUIRED:

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

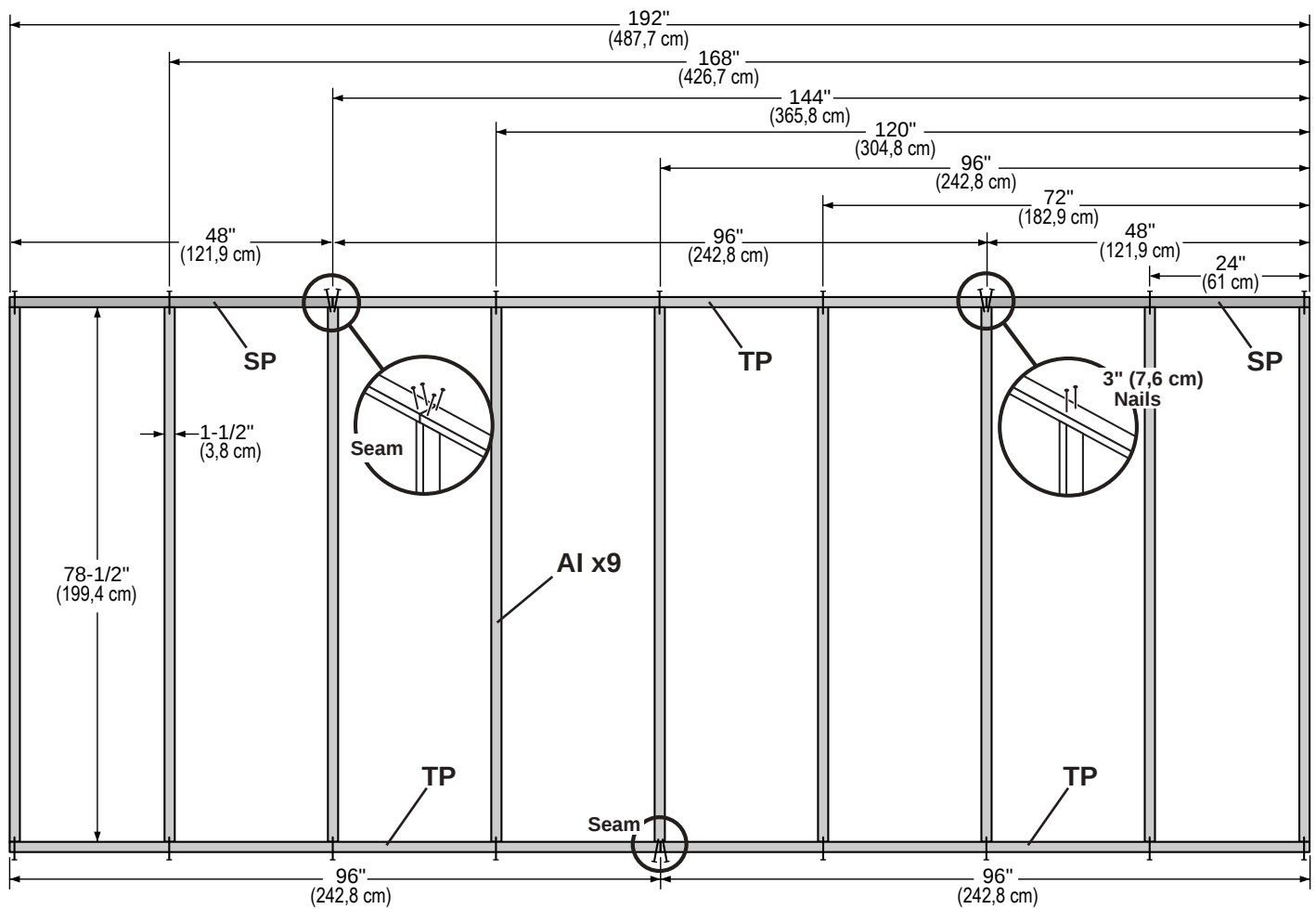
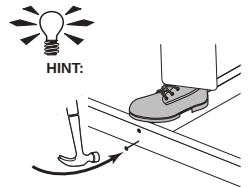
x9 **AI** 2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x3 **TP** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



BEGIN

- 1 Arrange parts on edge on floor. Measure and mark from end of boards.
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.



16' WALL 04

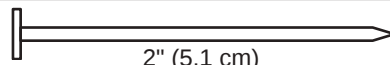
PARTS REQUIRED:

x4



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

x196



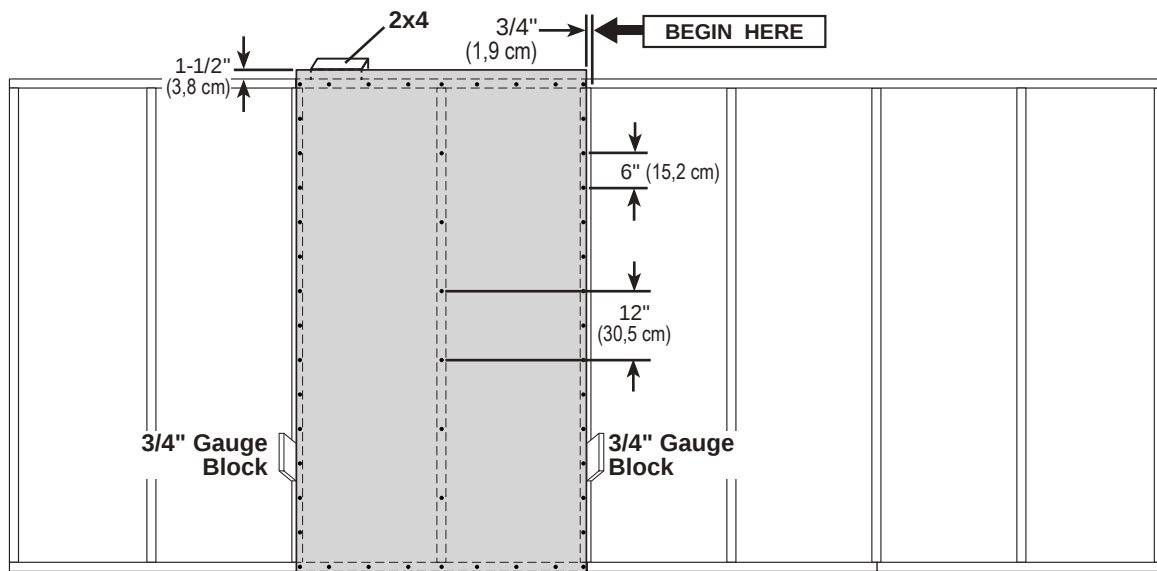
Install all wall panels with the primed side facing up.

2

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

Use a 2x4 spacer for consistent measurement.

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

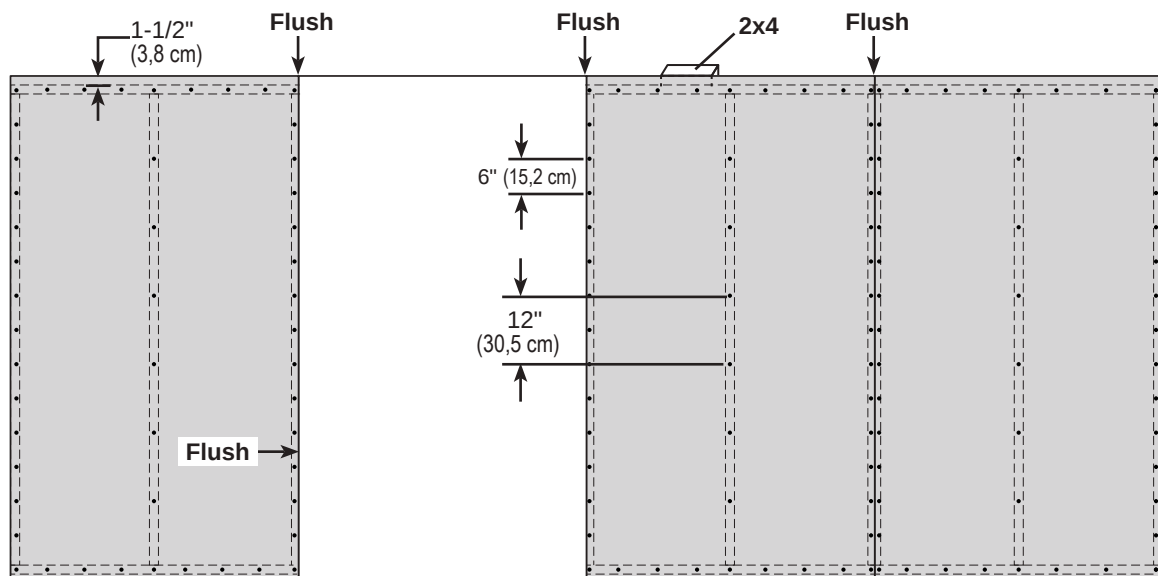


3

Install (3) 48" x 84" panels flush to installed panels.

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

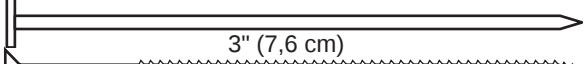
Secure with 2" nails spaced 6" apart on edges and 12" apart inside panels.

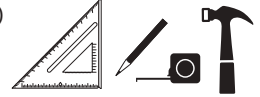


Your 16' wall 04 is now assembled.
Carefully flip the wall over.

16' WALL 05

PARTS REQUIRED:

x3	UY	2 x 4 x 6-1/2" (5,1 x 10,2 x 16,5 cm)	x78		3" (7,6 cm)
x2	SP	2 x 4 x 48" (5,1 x 10,2 x 121,9 cm)	x6		3" (7,6 cm)
x2	YFA	2 x 4 x 68-1/2" (5,1 x 10,2 x 174 cm)			
x10	AI	2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)			
x3	TP	2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)			
x1	Assembled Header				



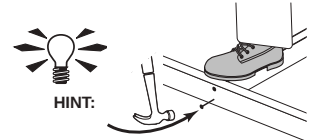
✓ BEGIN

1

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

Orient **Pre Assembled Header** on flat side (**Fig. A**).

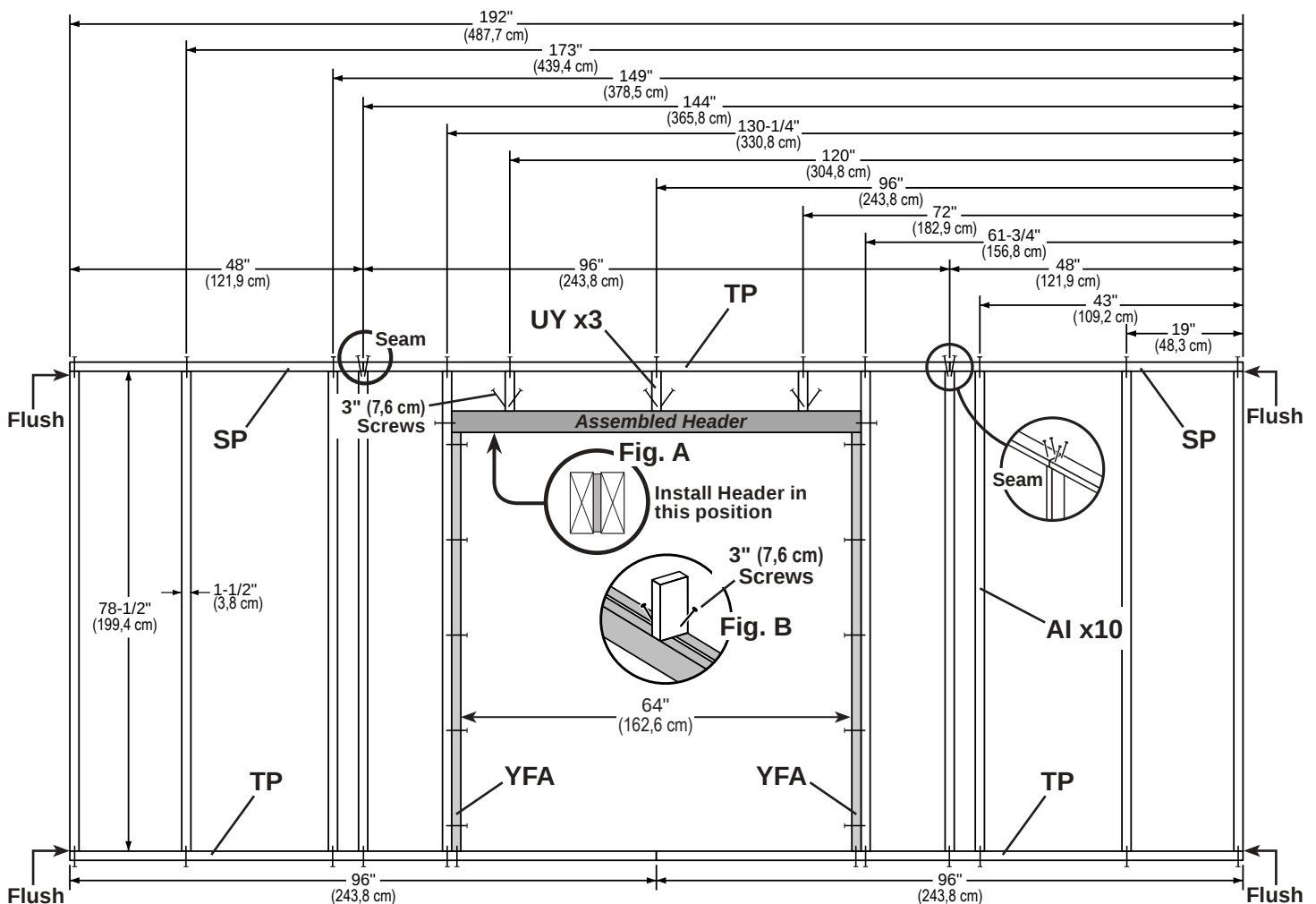
Secure with (2) 3" nails at each connection and (4) 3" nails at seams.



2

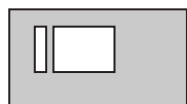
Fasten (3) middle parts **UY** to **Pre Assembled Header** with (2) 3" screws (**Fig. B**).

Secure parts **UY** to top plates with (2) 3" nails at each connection and (4) 3" nails at seam.

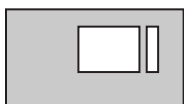


16' WALL 05

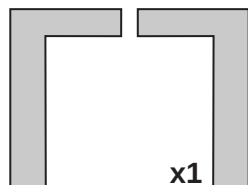
PARTS REQUIRED:



x1

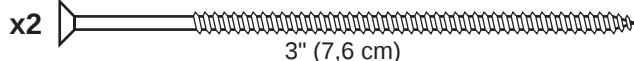


x1



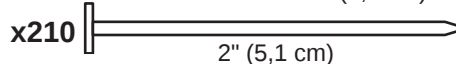
x1

x1



x2

3" (7,6 cm)



x210

2" (5,1 cm)



x1

OO Temporary Brace

69" (75,3 cm) Door Stiffener



Install all wall panels with the primed side facing up.

3

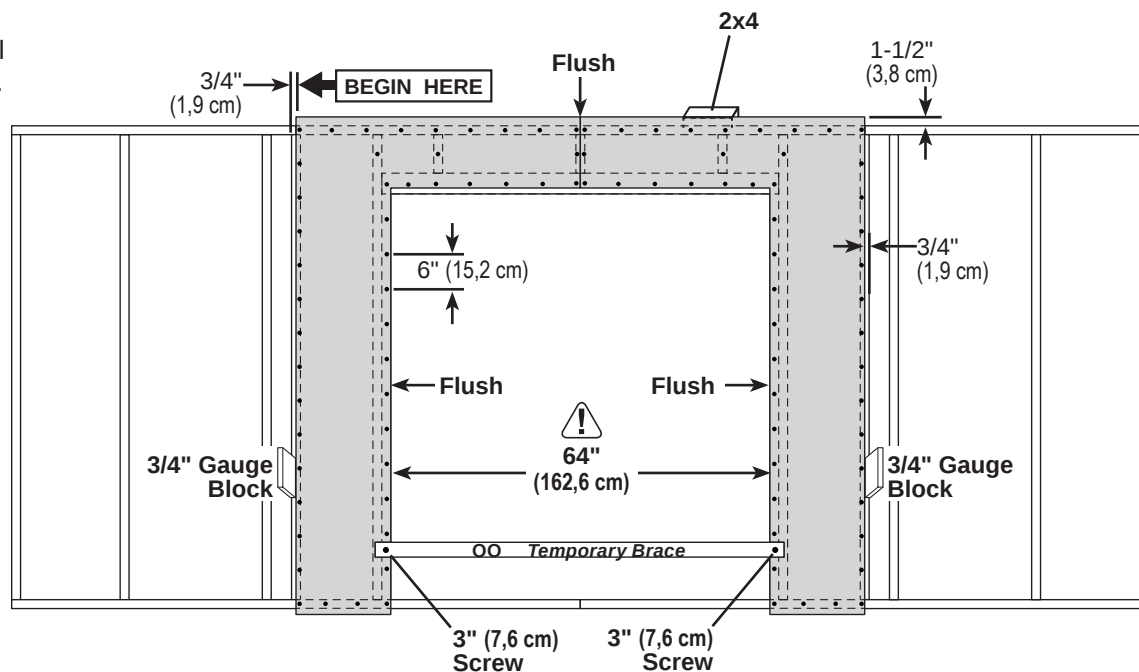
Install the left door panel 1-1/2" from the top plate. Use a 2x4 spacer for consistent measurement.

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

4

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

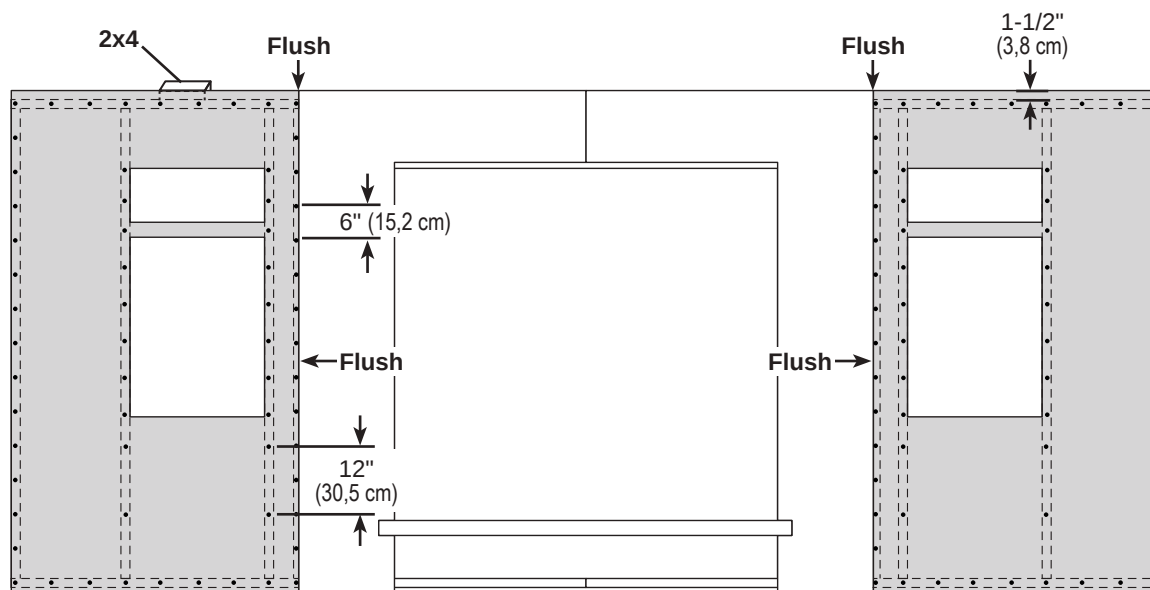
Secure panel with 2" nails spaced 6" apart on edges.



5

Install (2) 48" x 84" window panels flush to installed panels and 1-1/2" from the top plate.

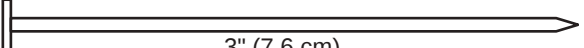
Secure panels with 2" nails spaced 6" apart on edges and 12" apart inside panels.

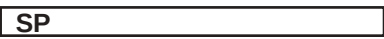


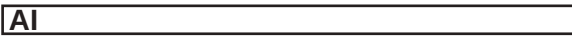
Your 16' wall 05 is now assembled.
Carefully flip the wall over.

16' WALL 06

PARTS REQUIRED:

x50  3" (7,6 cm)

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

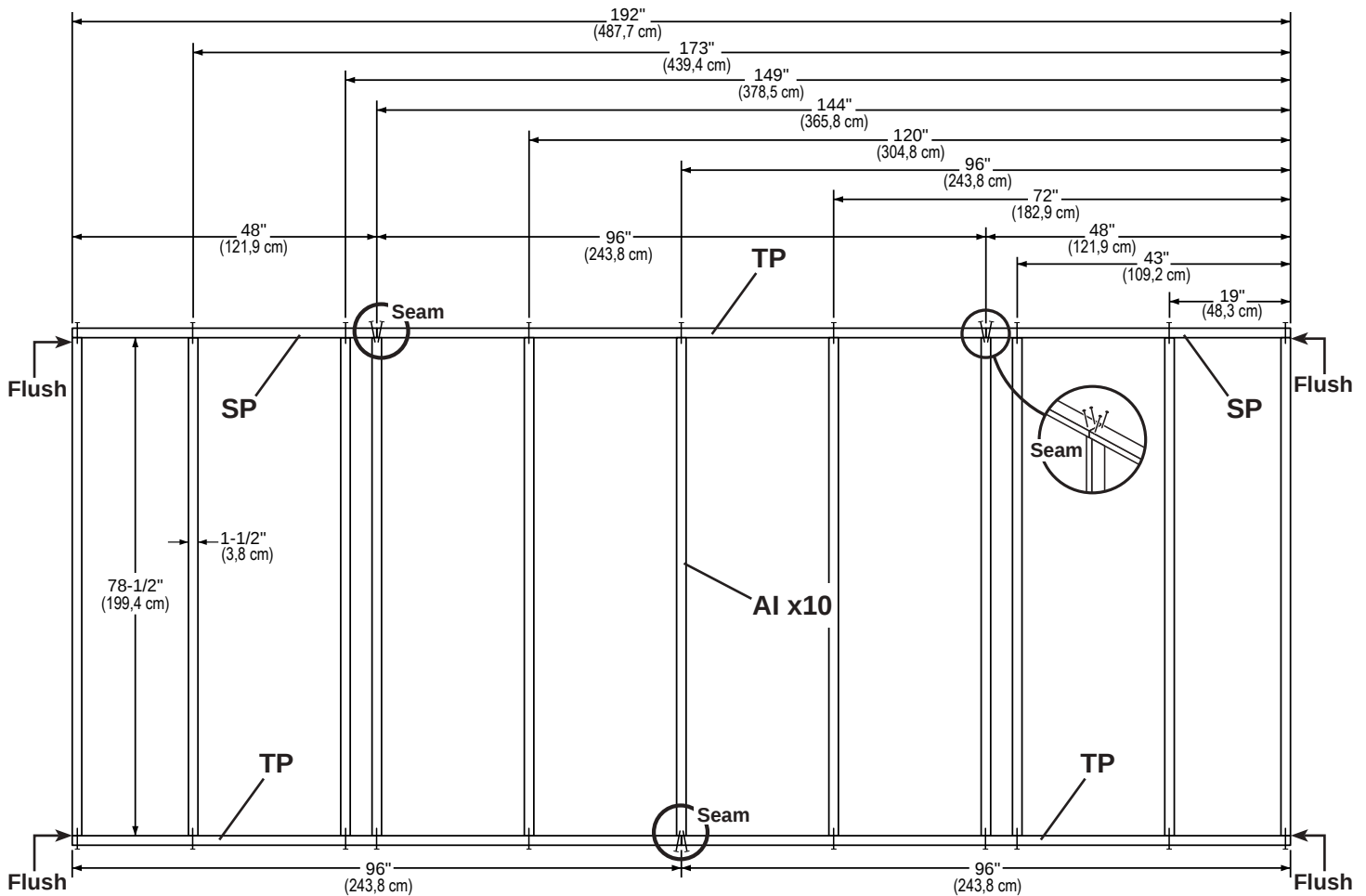
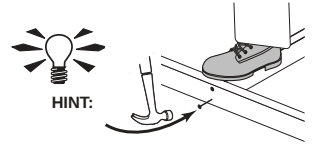
x11 **AI**  2 x 4 x 78-1/2" (5,1 x 10,2 x 199,4 cm)

x3 **TP**  2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



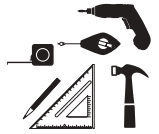
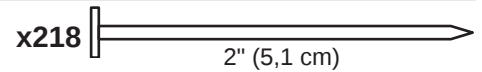
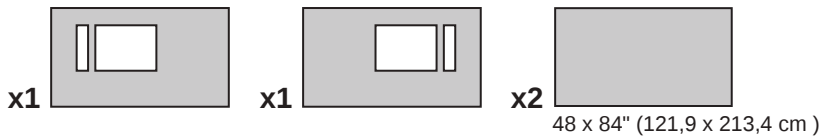
✓ BEGIN 1

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



16' WALL 06

PARTS REQUIRED:

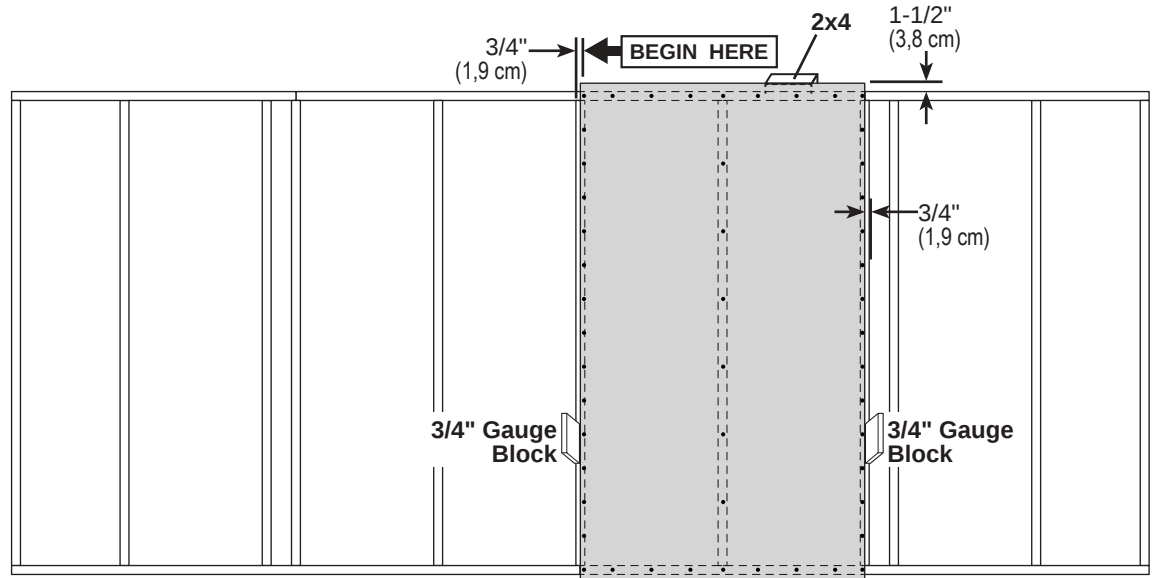


Install all wall panels with the primed side facing up.

2

Install (1) 48" x 84" solid panel 1-1/2" from the top plate. Use a 2x4 spacer for consistent measurement.

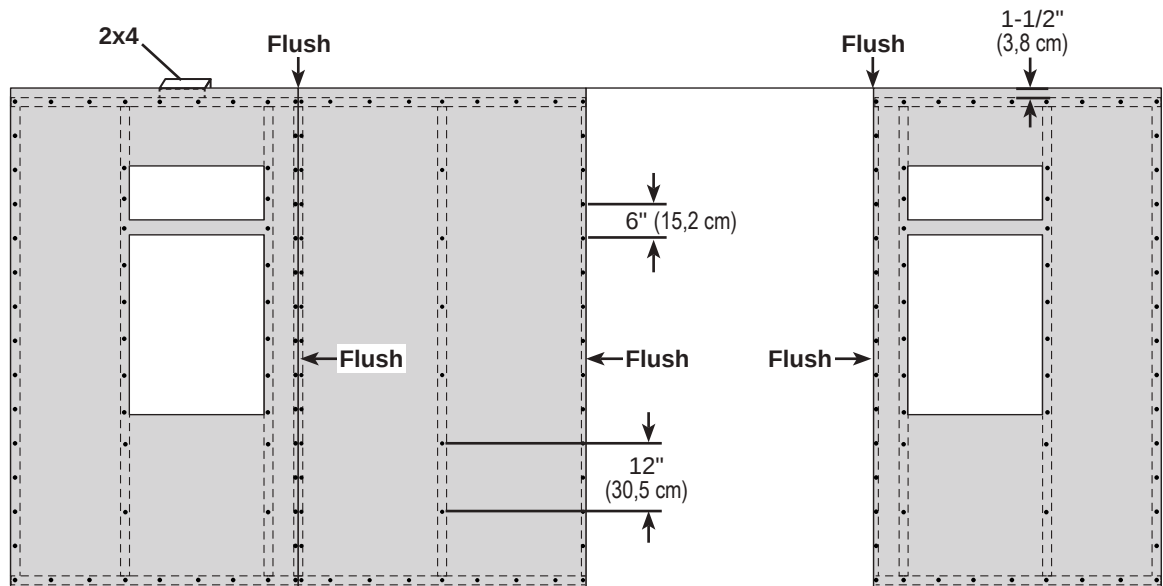
Secure panel with 2" nails spaced 6" apart on edges and 12" apart inside panel.



3

Install (1) 48" x 84" solid panel and (2) window panels flush to installed panels and 1-1/2" from the top plate.

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



Your 16' wall 06 is now assembled.
Carefully flip the wall over.

16' WALL 04 INSTALLATION

PARTS REQUIRED:

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



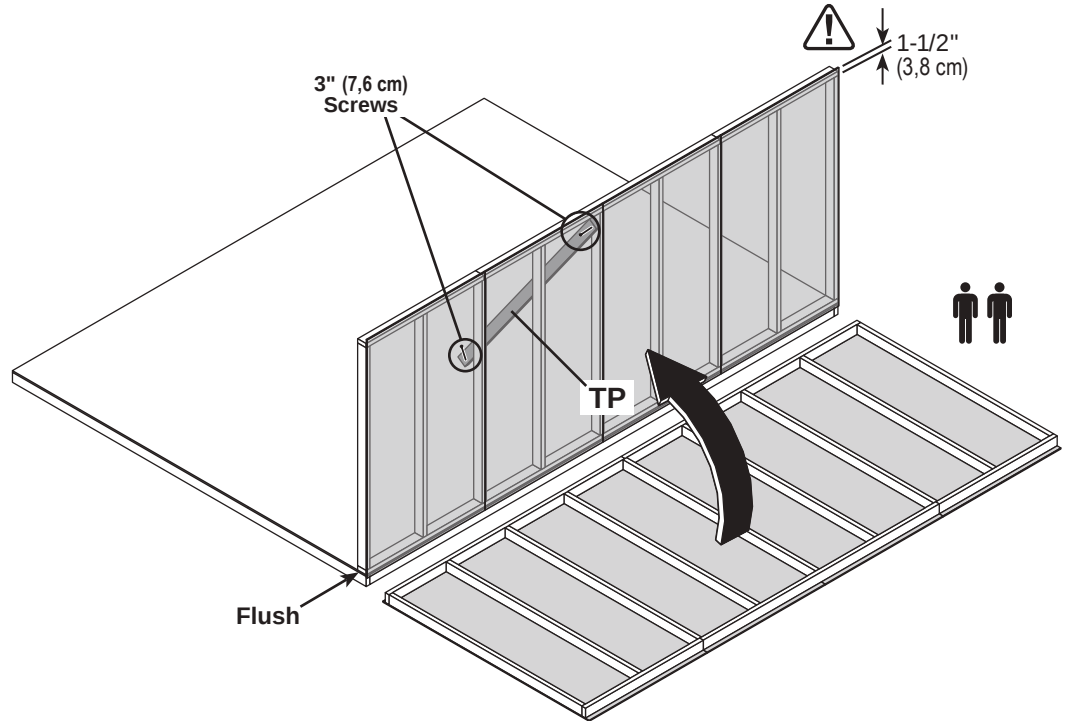
x16 3" (7,6 cm)
x2 3" (7,6 cm)
x36 2" (5,1 cm)

✓ BEGIN

1

Center 16' wall on the 144" floor dimension.
1-1/2" (3,8 cm) overlap is to the top.

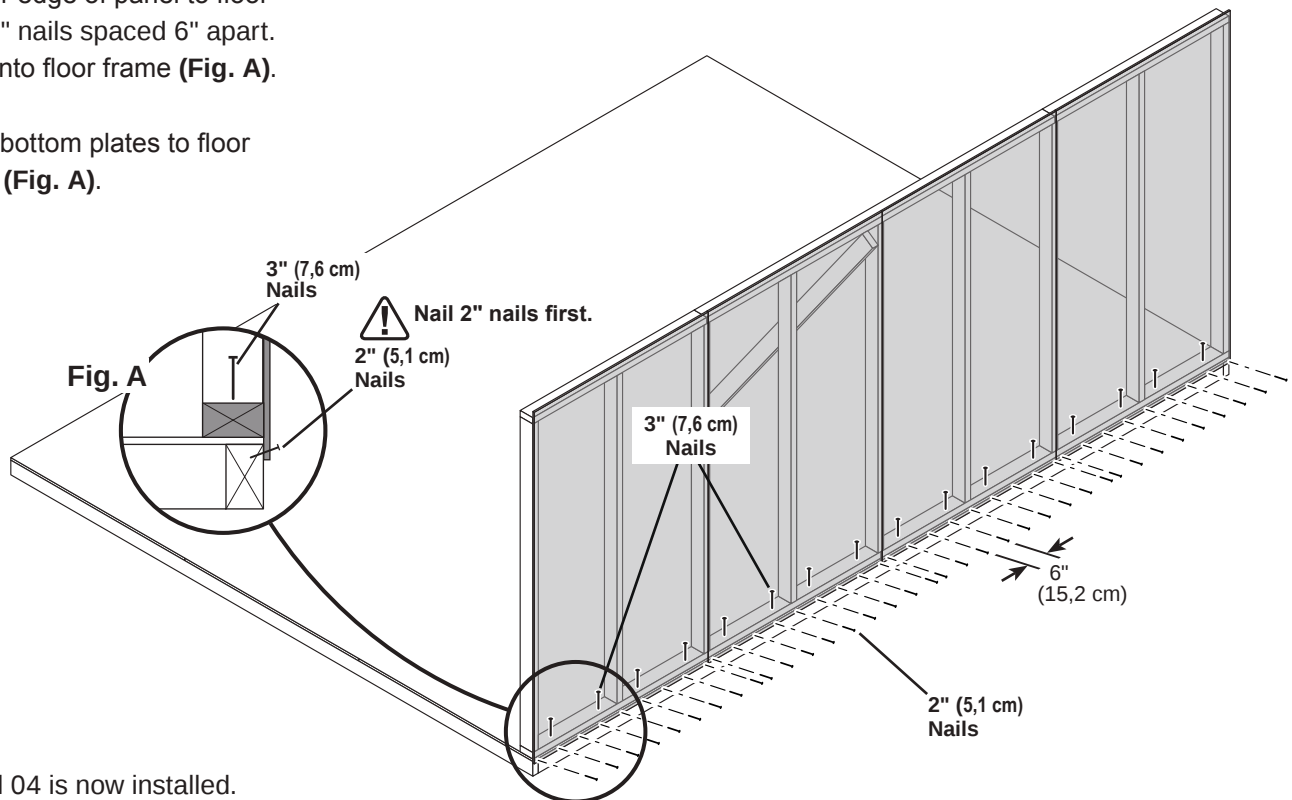
Use **TP** as a temporary brace.
Secure with (2) 3" screws.



2

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

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



Your 16' wall 04 is now installed.

12' WALL 01 INSTALLATION

PARTS REQUIRED



x2		x12	
x28		x1	
x13			

✓ BEGIN

1

Place 12' wall on floor.

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

Flush the wall along edge of installed wall.

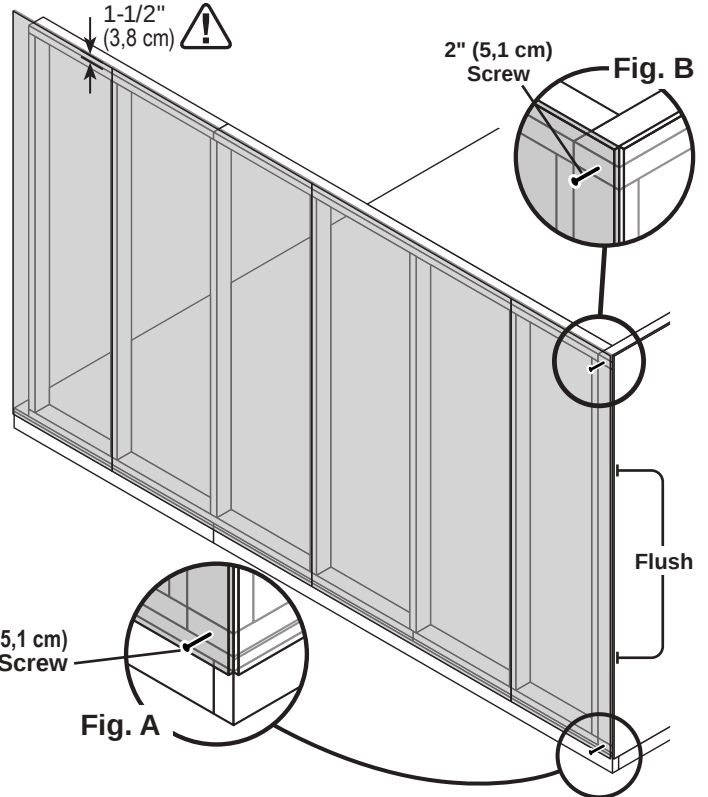
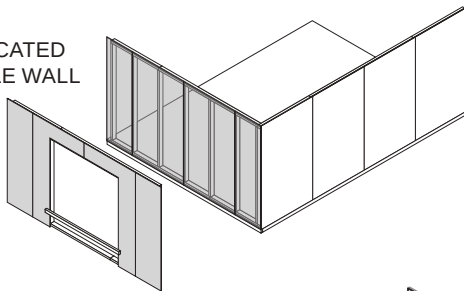
Secure wall with (1) 2" screw into 16' wall bottom plate (**Fig. A**) and top plate (**Fig. B**).

Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**

OPTIONAL:
WALL 03 LOCATED
ON 12' GABLE WALL

WALL 03
(See page 38)



2

Secure lower edge of panels to floor

with 2" nails spaced 6" apart.

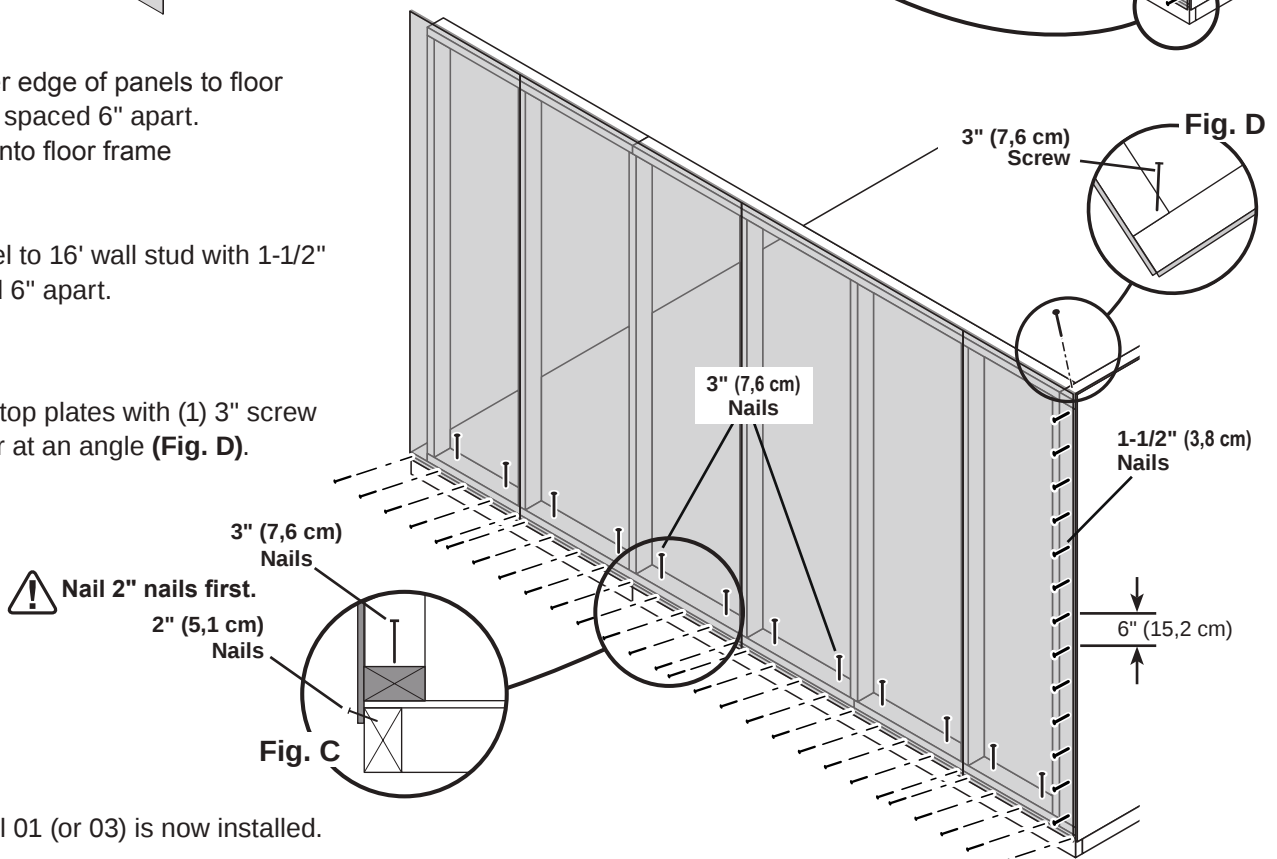
Angle nails into floor frame

(**Fig. C**).

Secure panel to 16' wall stud with 1-1/2" nails spaced 6" apart.

3

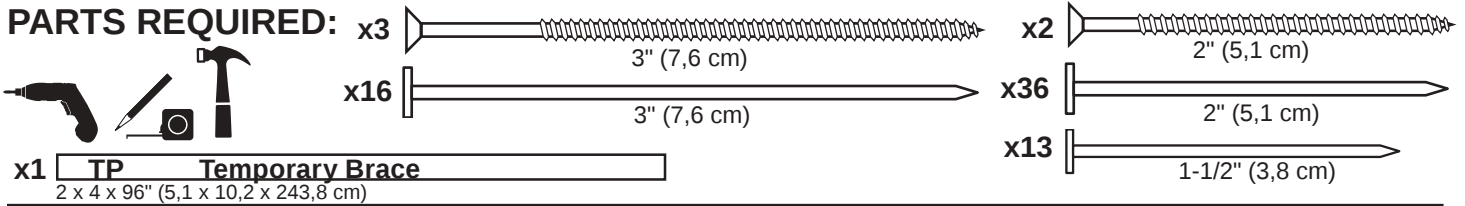
Secure wall top plates with (1) 3" screw at the corner at an angle (**Fig. D**).



Your 12' wall 01 (or 03) is now installed.

16' WALL 05 or 06 INSTALLATION

PARTS REQUIRED:



✓ BEGIN

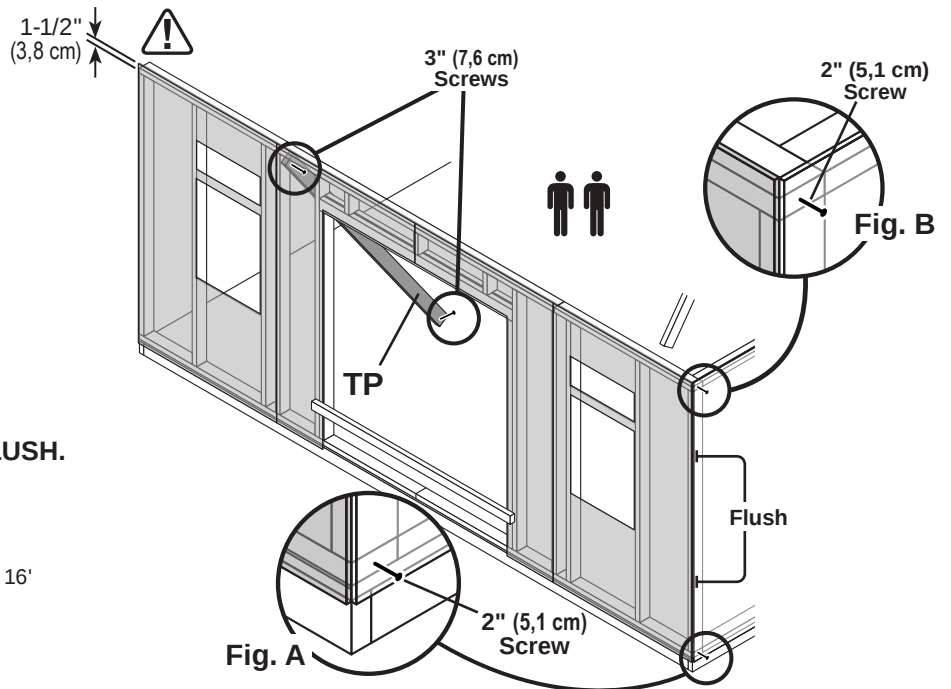
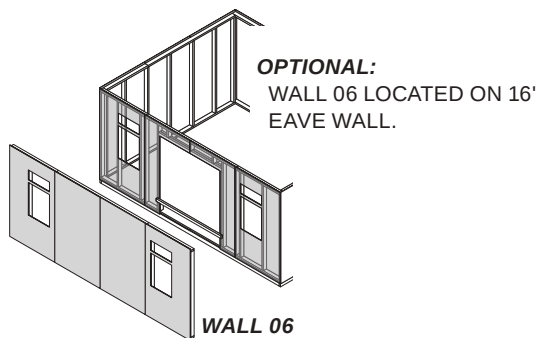
1

Place 16' wall centered on floor.
1-1/2" (3,8 cm) overlap is to the top.
Use **TP** as a temporary brace.
Secure with (2) 3" screws.

2

Secure wall with (1) 2" screw through gable wall panel into 12' wall bottom and top plates (**Fig. A**, **Fig. B**).
Secure wall to bottom plate first.

⚠ **ENSURE PANEL CORNERS ARE FLUSH.**



3

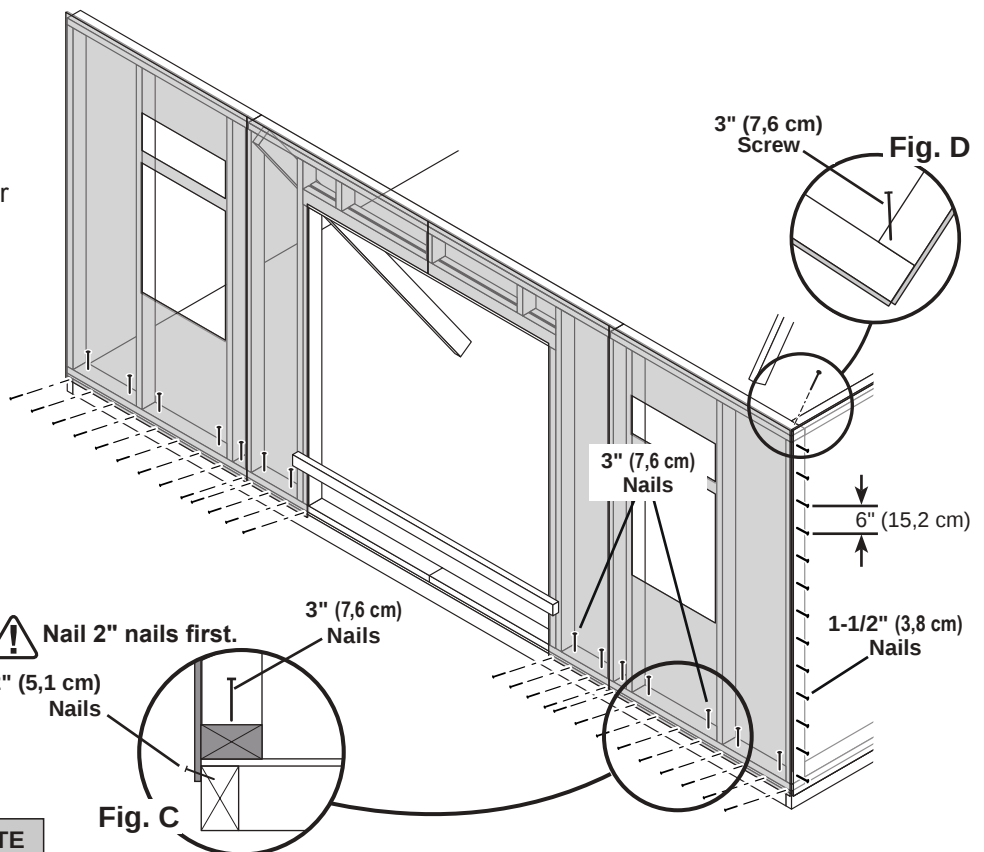
Secure lower edge of wall panels to floor frame with 2" nails spaced 6" apart.
Angle nails into floor frame (**Fig. C**).
Secure wall bottom plates to floor with 3" nails (**Fig. C**).

4

Secure 12' wall panel to 16' wall stud with 1-1/2" nails spaced 6" apart.

5

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



Your 16' wall 05 (or 06) is now installed.

CUT OUT AND REMOVE BOTTOM PLATE AT DOOR OPENING.

12' WALL 02 INSTALLATION

PARTS REQUIRED:



x4		x16	
x28		x2	
x26			

✓ BEGIN

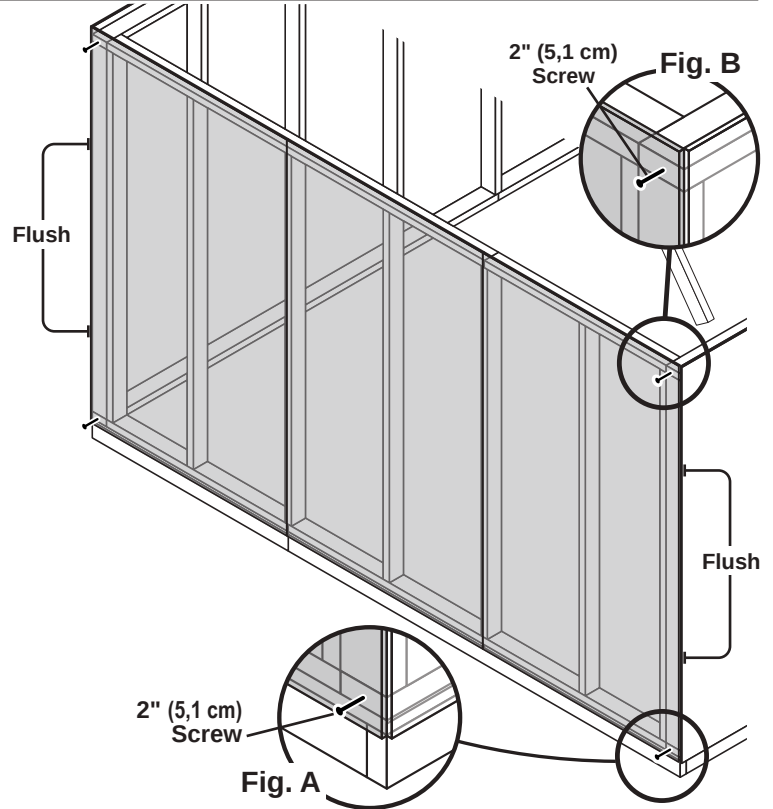
1

Place 12' wall on floor centered between 16' walls.

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

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH.



2

Secure lower edge of panels to floor with 2" nails spaced 6" apart.

Angle nails into floor frame (**Fig. C**).

Secure panels to 16' wall studs with 1-1/2" nails spaced 6" apart.

3

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



Nail 2" nails first.

2" (5,1 cm) Nails

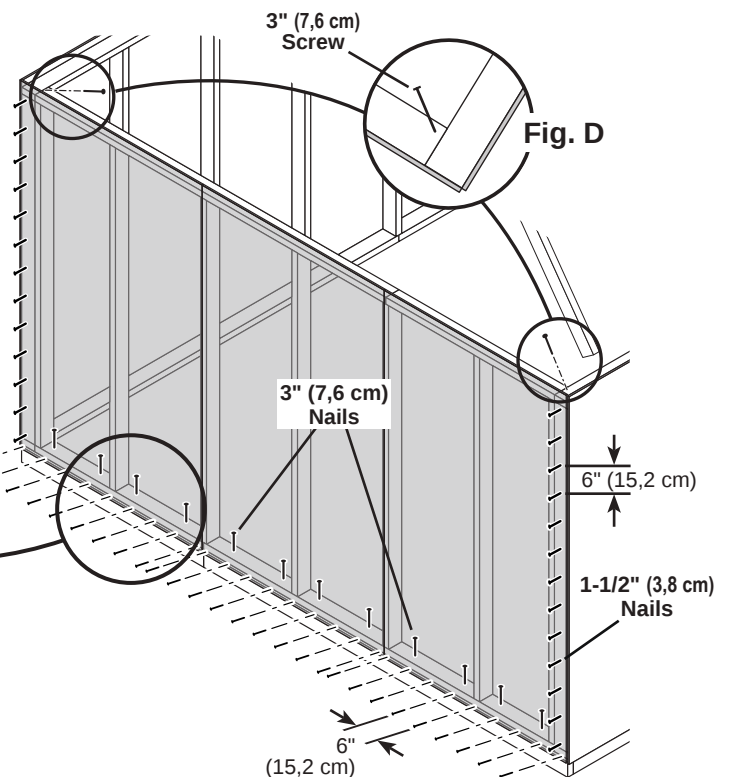
3" (7,6 cm) Nails

Fig. C



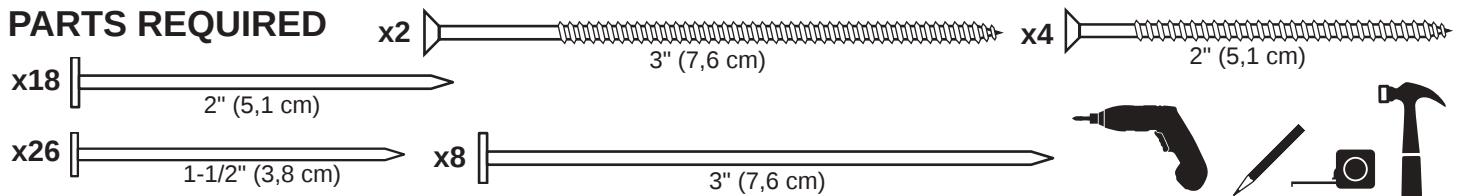
Your 12' wall 02 is now installed.

Remove all temporary supports



12' WALL 03 INSTALLATION

PARTS REQUIRED



✓ BEGIN

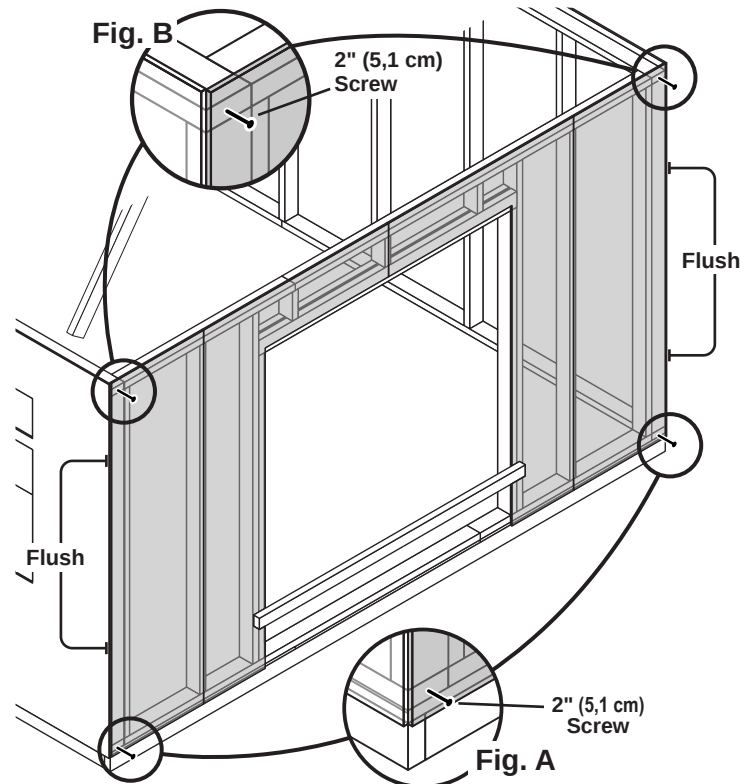
1

Place 12' wall on floor centered between 16' walls.

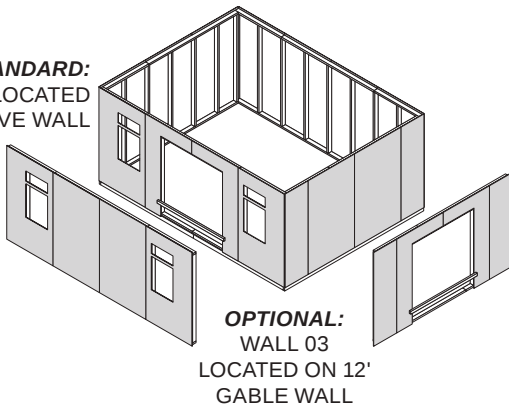
Secure wall with 2" screws into top and bottom plates (Fig. A, Fig. B).

Secure wall to bottom plate first.

⚠ ENSURE PANEL CORNERS ARE FLUSH. ⚠



STANDARD:
DOOR LOCATED
ON 16' EAVE WALL



2

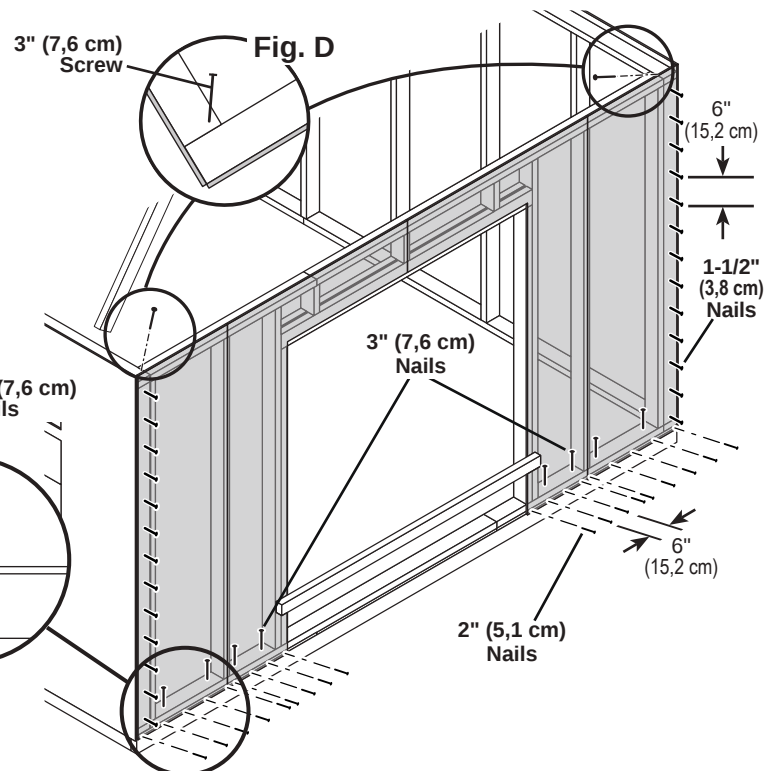
Nail lower edge of panels to floor with 2" nails spaced 6" apart.

Angle nails into floor frame (Fig. C).

Secure panels to 16' wall studs with 1-1/2" nails spaced 6" apart.

3

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



FINISH

Your 12' wall 03 is now installed.

**CUT OUT AND REMOVE BOTTOM PLATE
AT DOOR OPENING.**

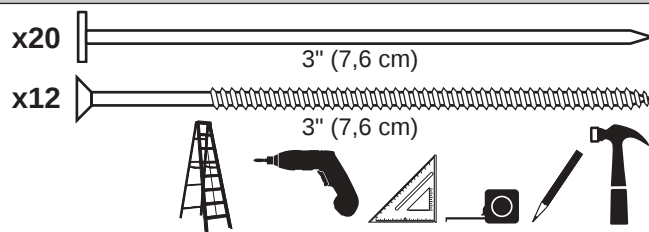
WALL 05 or 06 WINDOW FRAMING

PARTS REQUIRED:

x2 **CPA** 2 x 4 x 8-1/2" (5,1 x 10,2 x 21,6 cm)

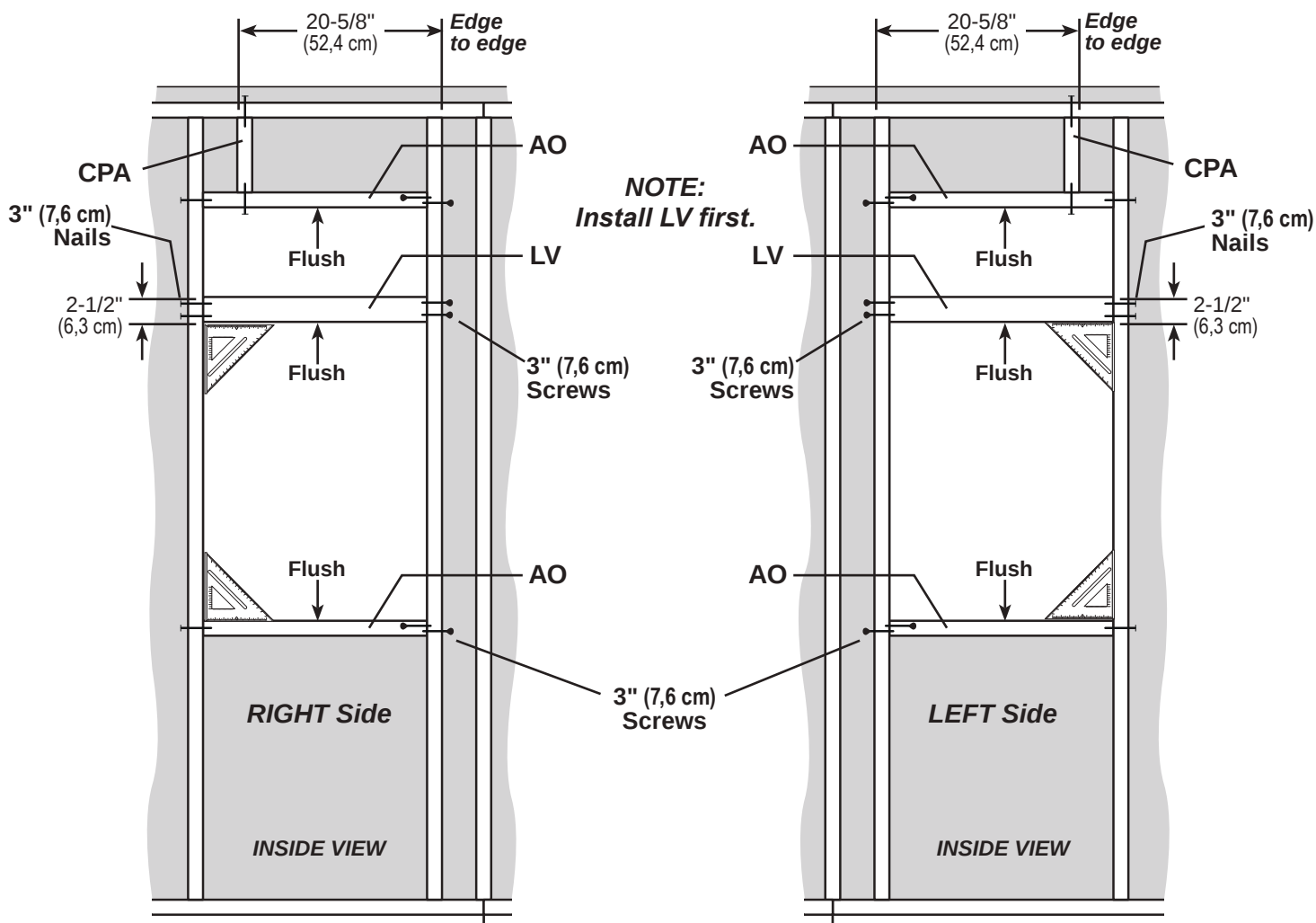
x2 **LV** 2 x 3 x 22-1/2" (5,1 x 7,6 x 57,1 cm)

x4 **AO** 2 x 4 x 22-1/2" (5,1 x 10,2 x 57,1 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 **CPA** with narrow edge flush to wall panel, between top plate and **AO** at measurement shown.
Secure with (4) 3" nails.



Repeat steps for both window framing installations.



Your window framing is now installed.

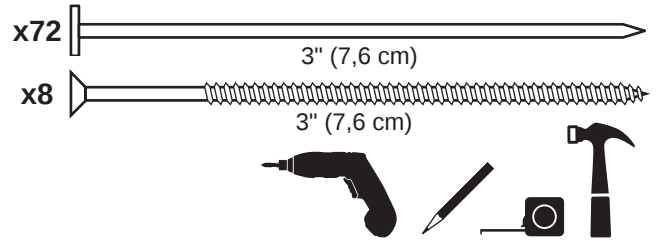
WALL DOUBLERS INSTALLATION

PARTS REQUIRED:

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

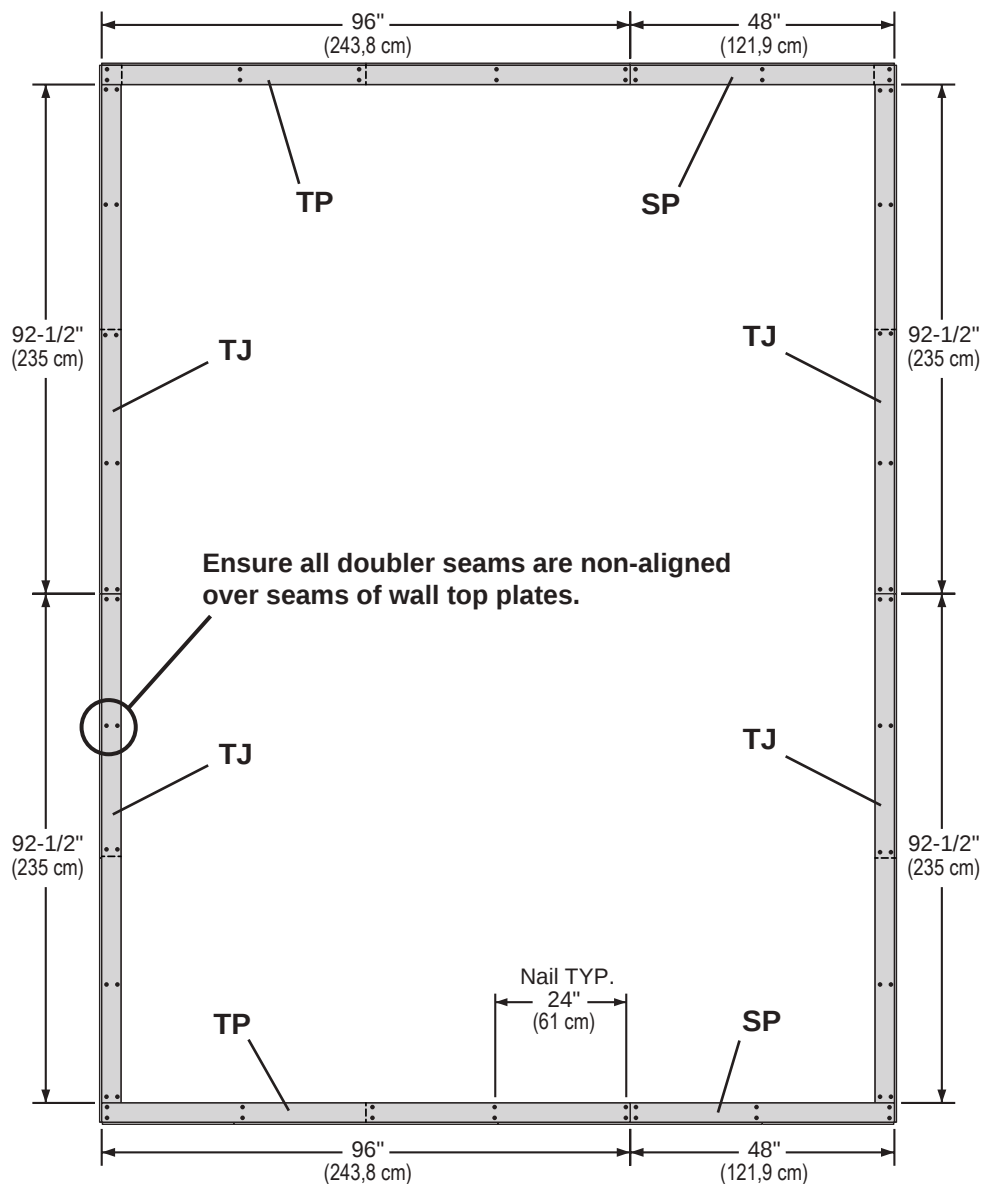
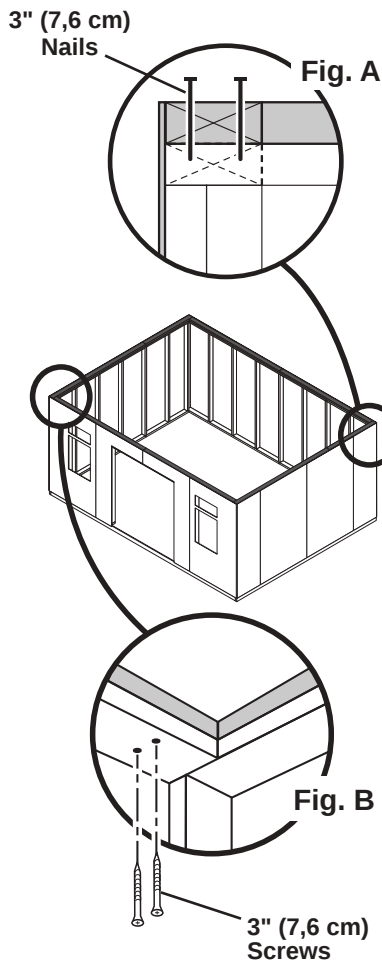
x4 **TJ**
2 x 4 x 92-5/8" (5,1 x 10,2 x 235 cm)

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



BEGIN

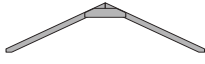
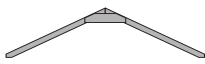
- 1 Orient parts on top of wall frames. Measure and mark from end of boards. Secure from top with (2) 3" nails spaced every 24" (**Fig. A**).
- 2 Secure from bottom with (2) 3" screws at each corner (**Fig. B**).



Your wall doublers are now installed.

RAFTER INSTALLATION

PARTS REQUIRED:

- x7  Two-Gusset Assembled
- x2  One-Gusset Assembled

x32  3" (7,6 cm)



✓ BEGIN

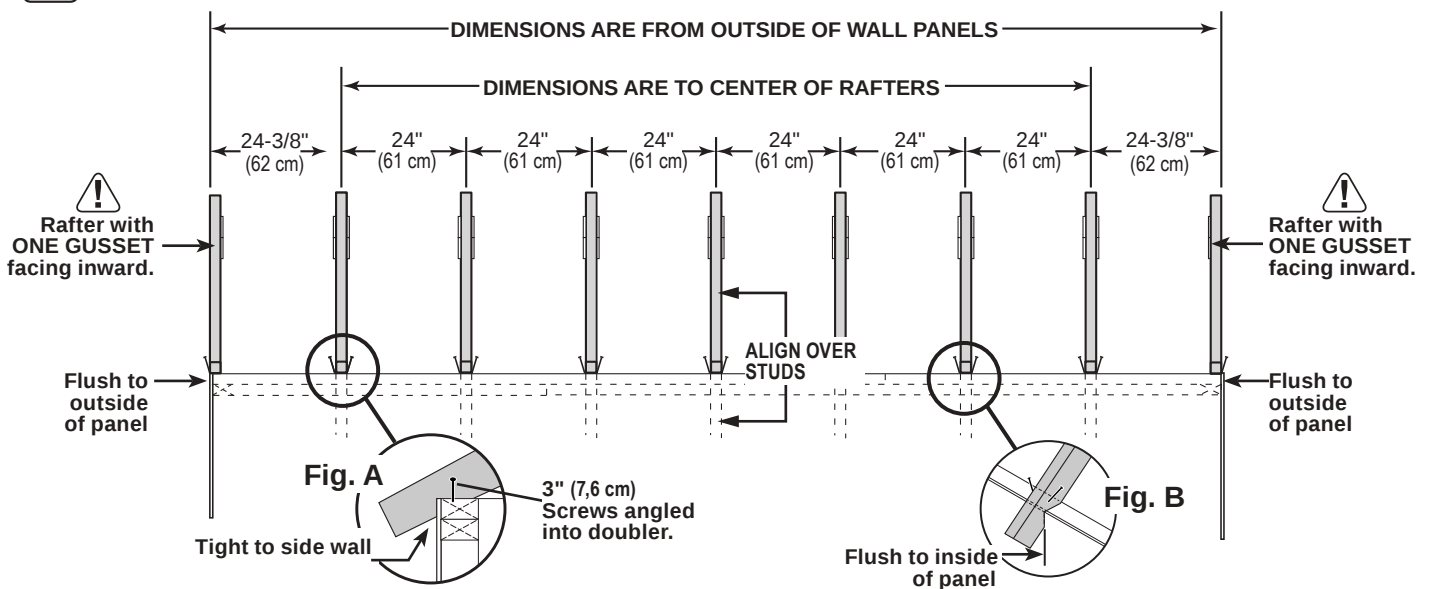
- 1** Align rafters over the wall studs. 

Check that you have the measurements shown.

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

Secure rafters on opposite side.

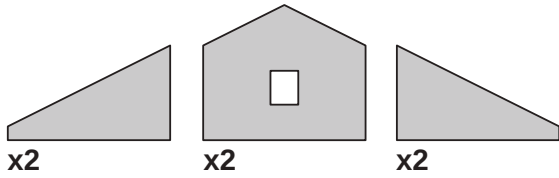
 **Maintain the measurements between rafters.**



Your rafters are now installed.

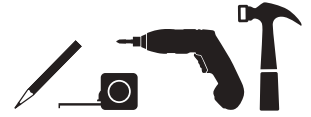
GABLE UNITS

PARTS REQUIRED:



x40  1-1/2" (3,8 cm)

x4 **UV**
2 x 4 x 23-1/4" (5,1 x 10,2 x 59,1 cm)

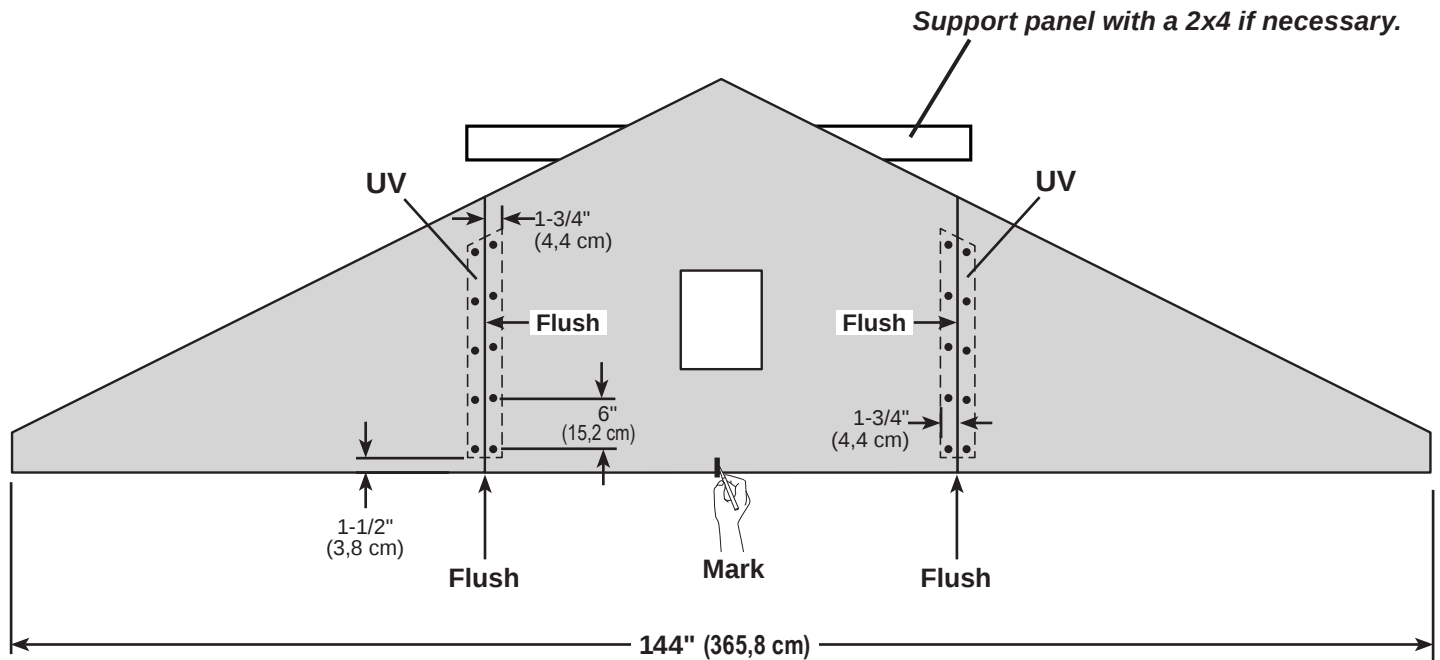


Install gable panels with the primed side facing up.

✓ BEGIN

- 1** Install middle panel on (2) **UV**. Arrange parts to measurements shown.
Secure panel with 1-1/2" nails spaced 6" apart along edge.
Check measurements as you build the gable unit.
- 2** Place left and right panels on **UV**, flush to middle panel.
Secure panel with 1-1/2" nails spaced 6" apart along edge.

Mark the center of the middle gable panel.



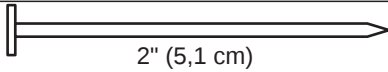
Repeat steps to assemble the 2nd gable unit.



Your (2) gable units are now assembled.

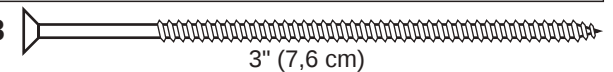
GABLE UNITS

PARTS REQUIRED: x52



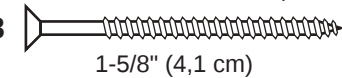
2" (5,1 cm)

x8

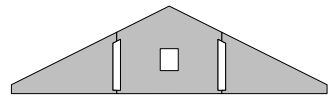


3" (7,6 cm)

x48



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



x2 Gable Assemblies

✓ **BEGIN**

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

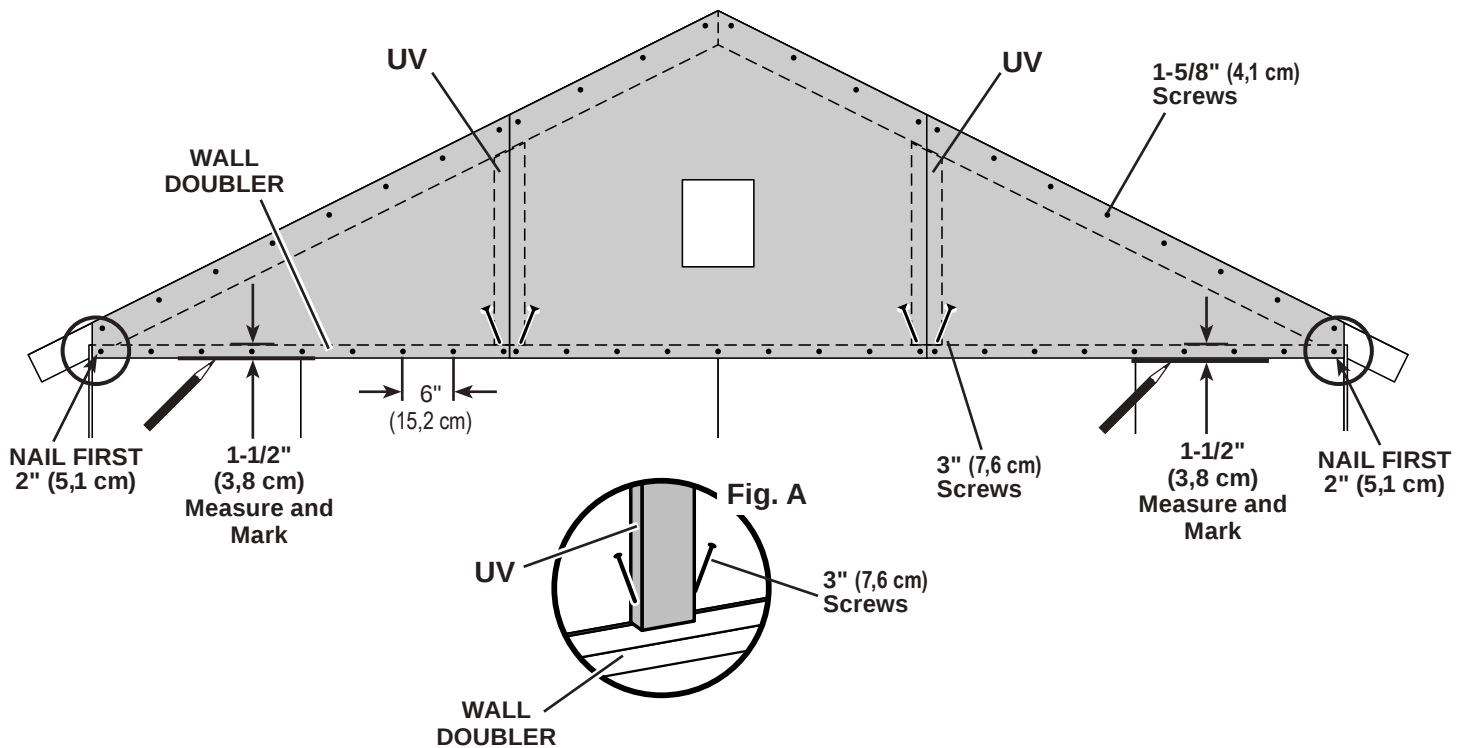


BE SURE GABLE IS CENTERED ON WALL BEFORE NAILING.



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

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



- 4** Secure top of gable panels to rafter with 1-5/8" screws spaced 6" apart.

Repeat steps to install the 2nd gable unit.

GABLE UNIT LADDER FRAMES

PARTS REQUIRED:

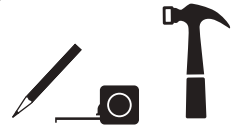
x12 **CLA**

2 x 4 x 4-7/8" (5,1 x 10,2 x 12,4 cm)

x8 **KFB**

2 x 4 x 88-11/16" (5,1 x 10,2 x 225,3 cm)

x56  3" (7,6 cm)



✓ BEGIN

- 1 Arrange parts as shown (**Fig. A**).
You will build (4) assemblies (**Fig. B**).

- 2 Arrange, measure and mark locations of (3) **CLA** as shown place **KFB** on top. Secure with 3" screws as shown (**Fig. A**).
Ensure parts are flush along edges.

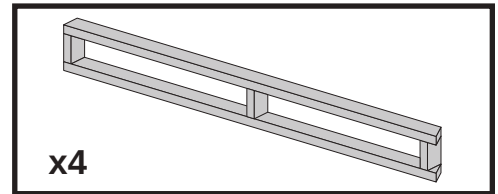
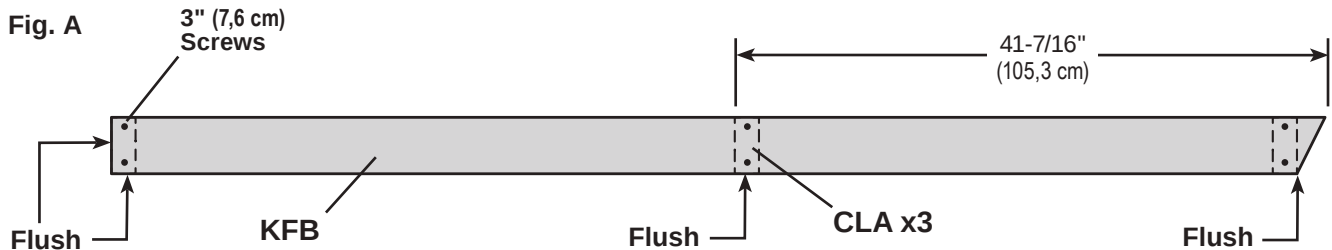
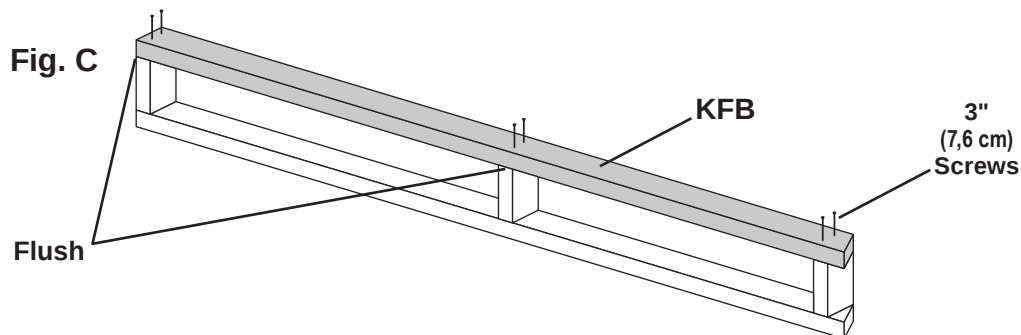


Fig. B

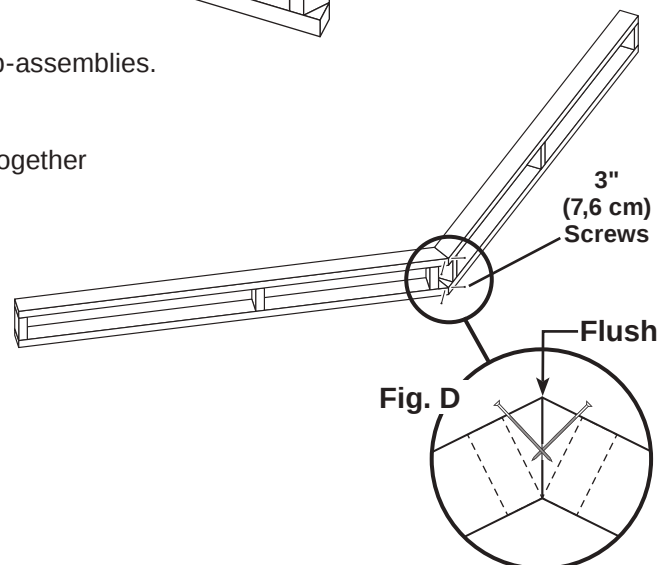


- 3 Flip over the gable ladder sub-assembly and secure **KFB** to the (3) **CLA** with 3" screws (**Fig. C**).



- 4 Repeat steps 2-3 to build (3) additional gable ladder sub-assemblies.

- 5 To complete gable ladder, secure two sub-assemblies together with (2) 3" screws, as shown (**Fig. D**).



Repeat steps to build the 2nd gable ladder frame.

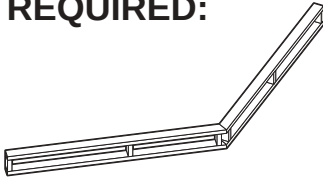


Your (2) gable ladders are now assembled.

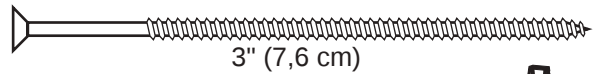
GABLE LADDER FRAMES

PARTS REQUIRED:

x2



x24



3" (7,6 cm)



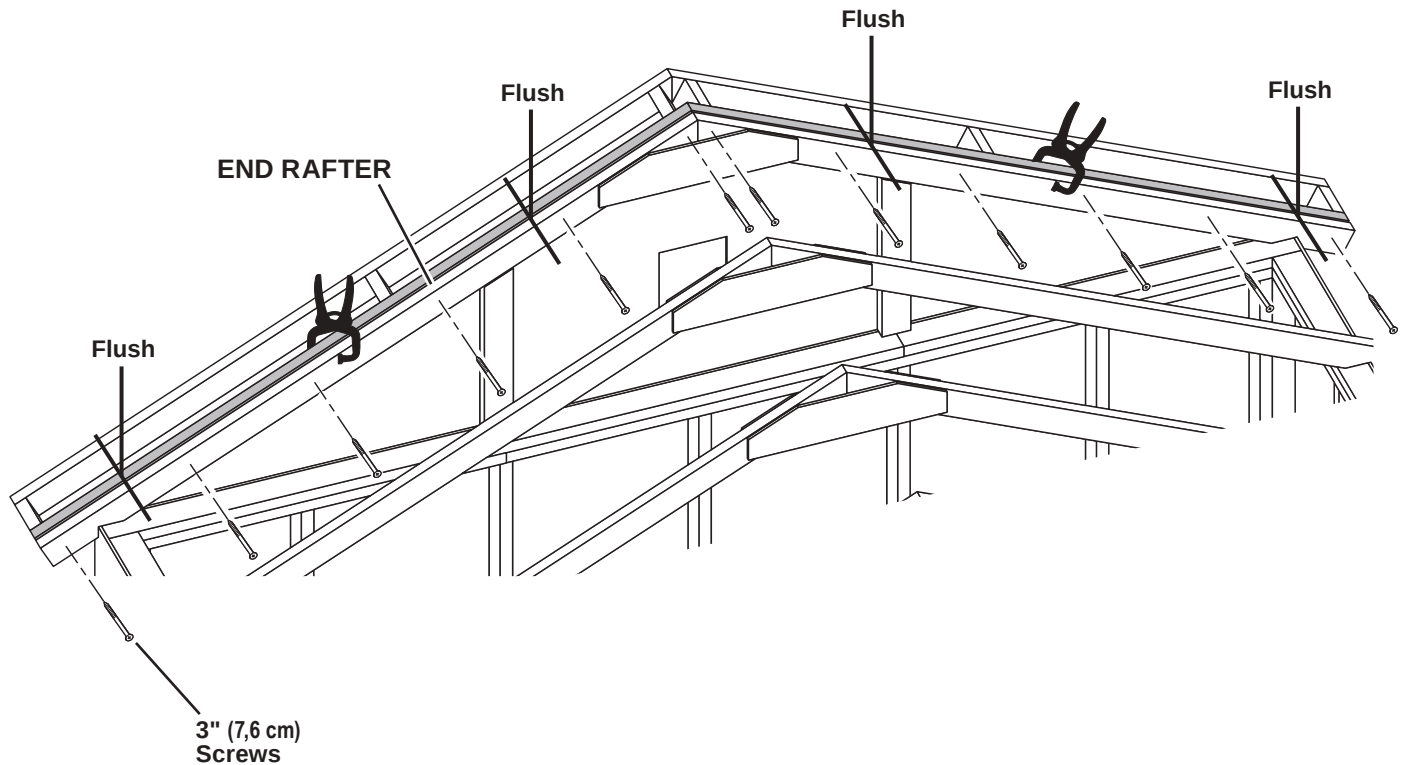
We recommend having an assistant during the installation of the gable ladders.

✓ **BEGIN**

1

Install gable ladder frame flush and centered to end rafter.
Clamp ladder frame to rafter to hold final position.

Working inside, secure with 3" screws, evenly spaced.



Repeat to install the 2nd gable ladder to opposite side.

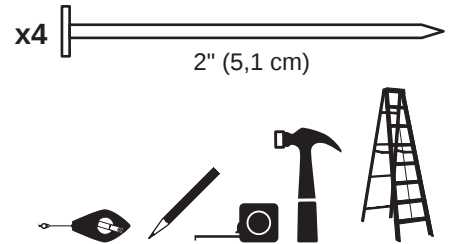
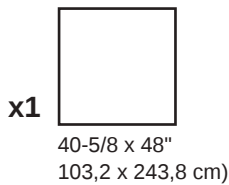


FINISH

Your (2) gable ladder frames are now installed

ROOF PANELS

PARTS REQUIRED:



Install all roof panels with the rough side (painted grid lines) facing up.

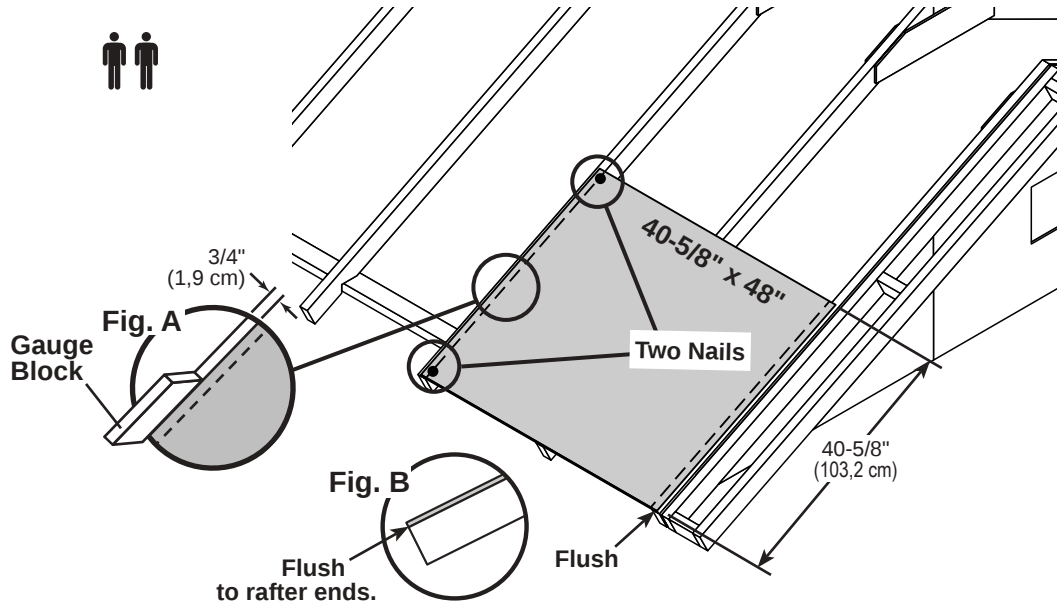
! *Roof panels may cause serious injury until securely fastened.*

✓ **BEGIN**

1

Install (1) 40-5/8" x 48" panel.
Use **GAA** as a gauge to
maintain the 3/4" measurement
on the rafter. (**Fig. A**) and the
panel flush to rafter ends
(**Fig. B**).

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

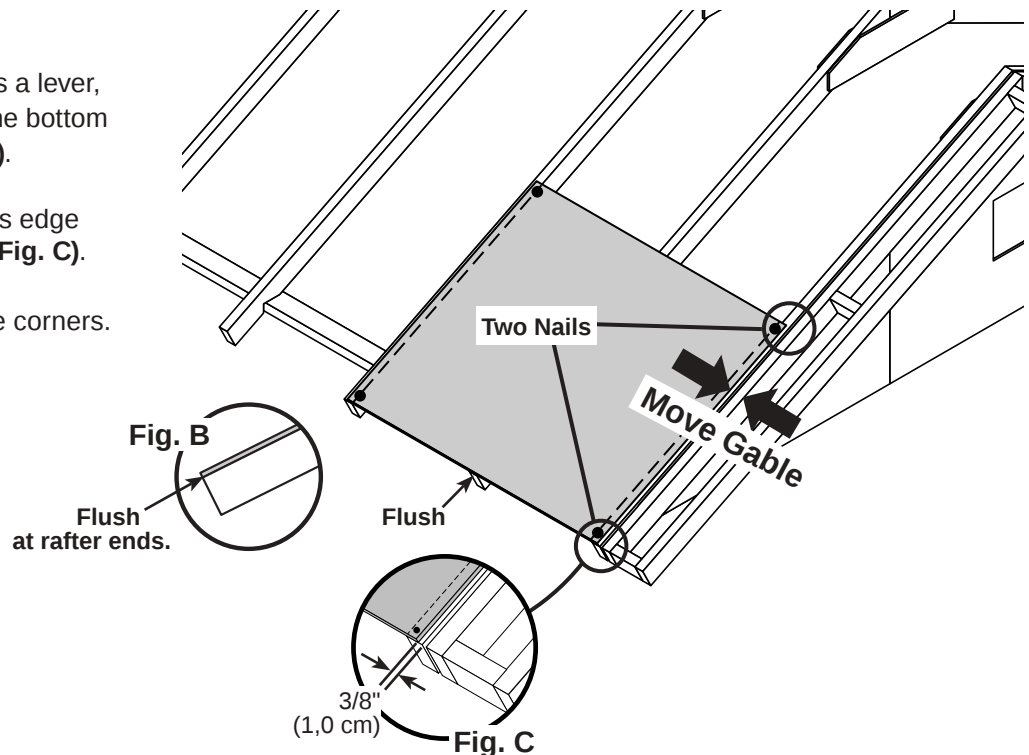


2

Move to the panel's opposite end.
Using the long edge of the panel as a lever,
move the panel side-to-side until the bottom
corner is flush to rafter end (**Fig. B**).

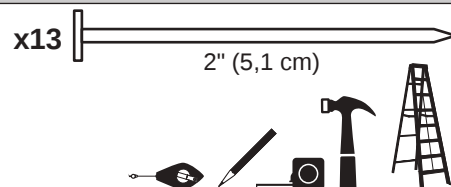
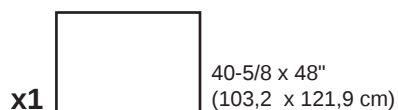
Move the gable until the end rafter's edge
is 3/8" from the edge of the panel (**Fig. C**).

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



ROOF PANELS

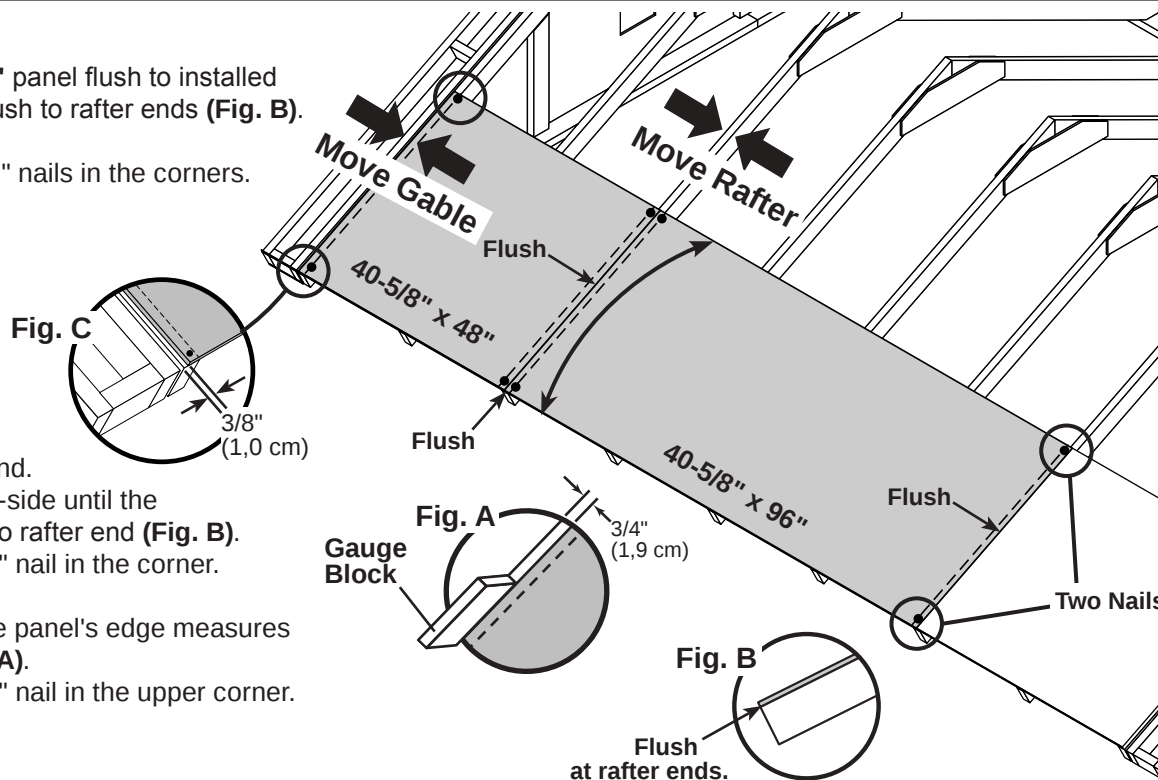
PARTS REQUIRED:



3

Install (1) **40-5/8" x 96"** panel flush to installed panel, and the panel flush to rafter ends (**Fig. B**).

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



4

Move to the opposite end.

Move the panel side-to-side until the bottom corner is flush to rafter end (**Fig. B**).

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

Move the rafter until the panel's edge measures 3/4" on the rafter (**Fig. A**).

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

5

Install next **40-5/8" x 48"** panel flush to installed panel, and flush to rafter ends (**Fig. B**).

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

At the opposite end of panel, move the gable until the end-rafter's edge is 3/8" from the edge of panel (**Fig. C**).

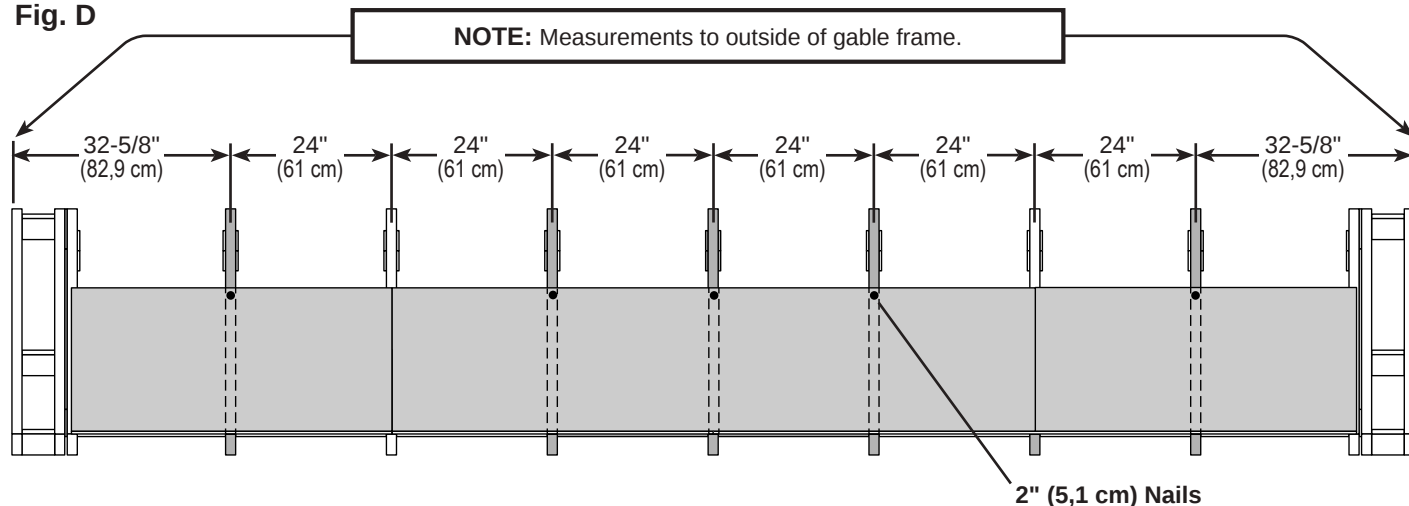
Secure panel with (2) 2" nails in the corners.

6

Maintain spacing between the centers of the rafters and to the outside of the gable frame (**Fig. D**).

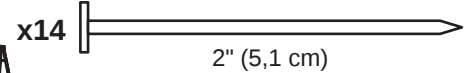
Secure panels with (1) 2" nail in each rafter.

Fig. D



ROOF PANELS

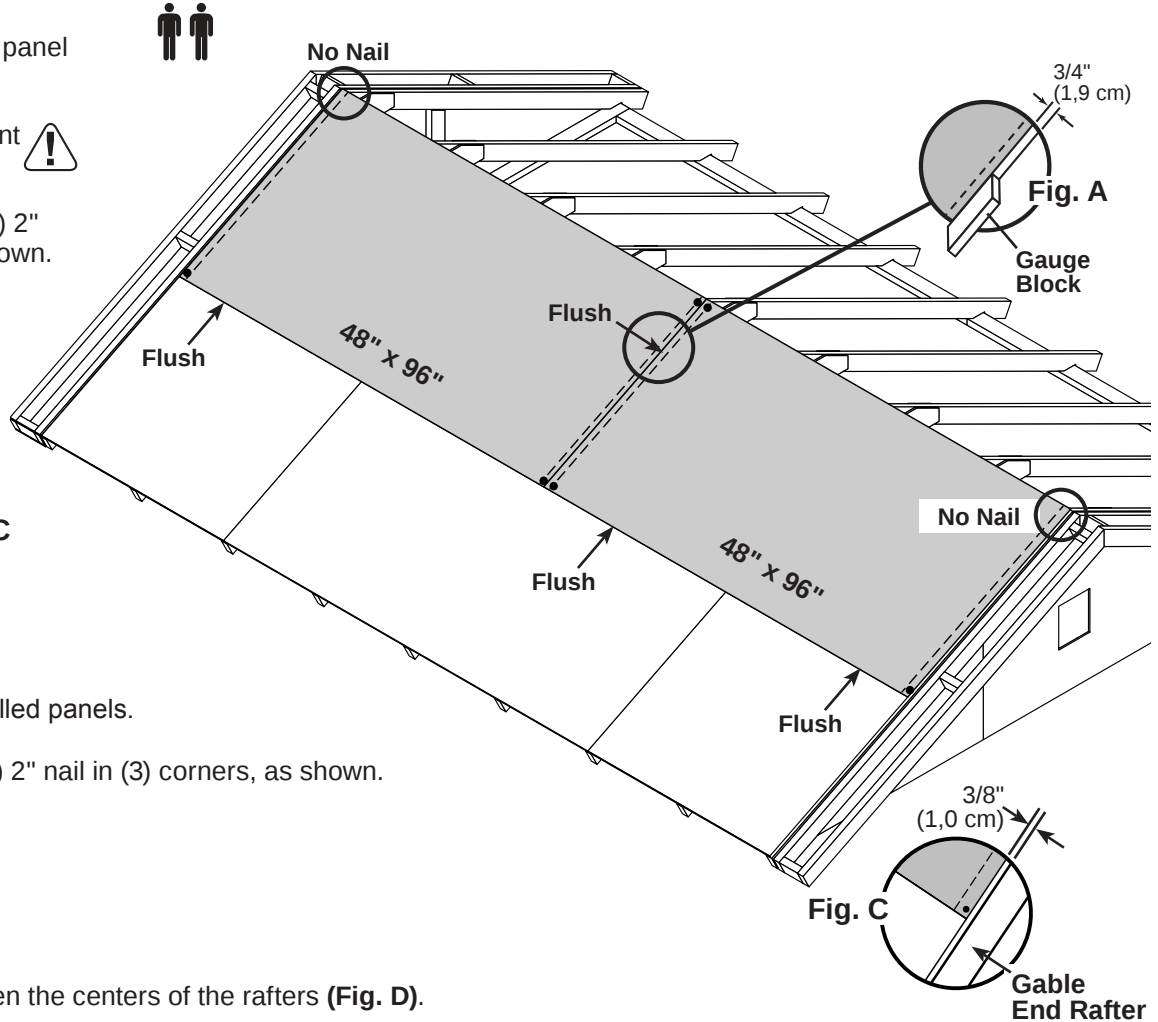
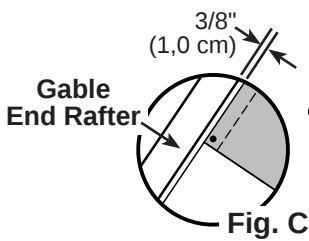
PARTS REQUIRED:



7
Install (1) 48" x 96" roof panel flush to installed panels.

Ensure 3/4" measurement on the rafter (**Fig. A**). 

Secure the panel with (1) 2" nail in (3) corners, as shown.



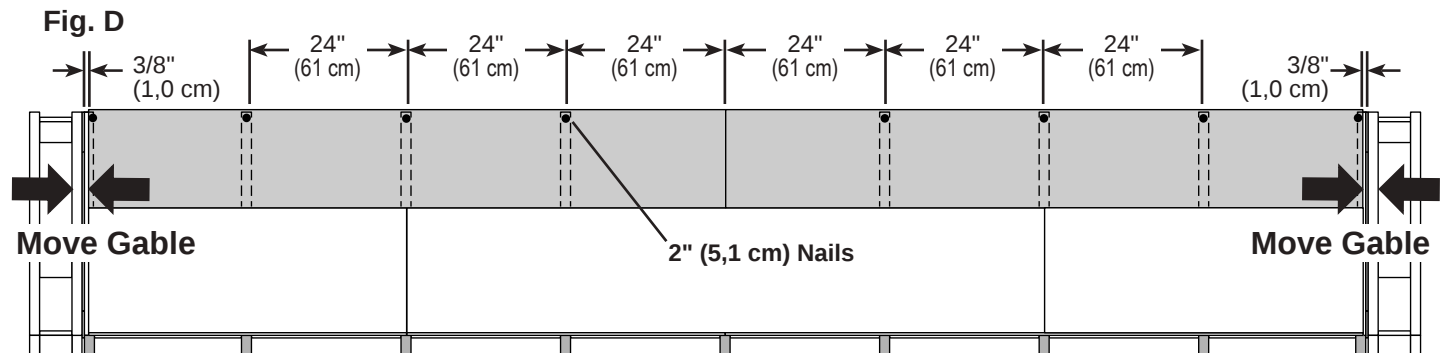
8
Install next 48" x 96" roof panels flush to installed panels.

Secure the panel with (1) 2" nail in (3) corners, as shown.

9
Maintain spacing between the centers of the rafters (**Fig. D**).

Move each gable until the end rafter's edge is 3/8" from the edge of the panel (**Fig. C**).

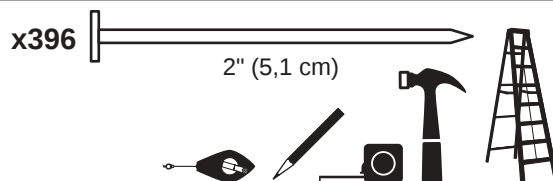
Secure panels with (1) 2" nail in each rafter, as shown.



ROOF PANELS

PARTS REQUIRED:

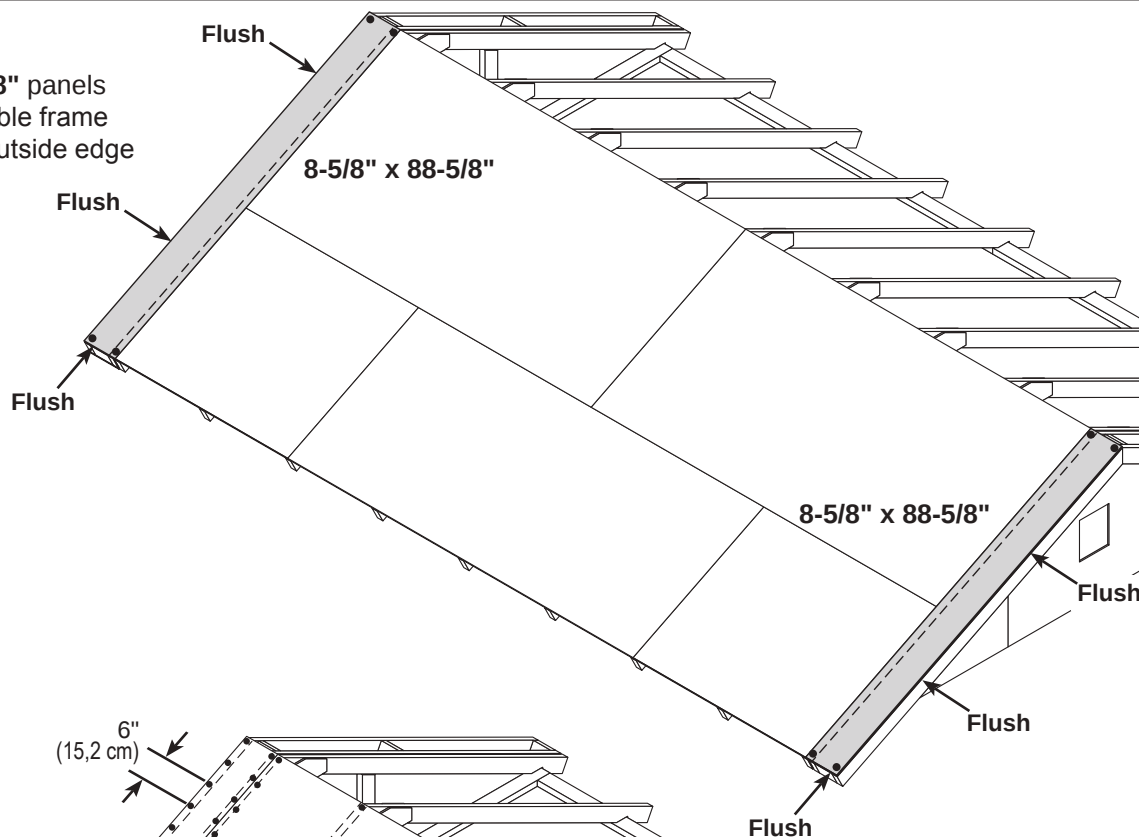
x2 
 7/16 x 8-5/8 x 88-5/8"
 (1,1 x 21,9 x 225,1 cm)



10

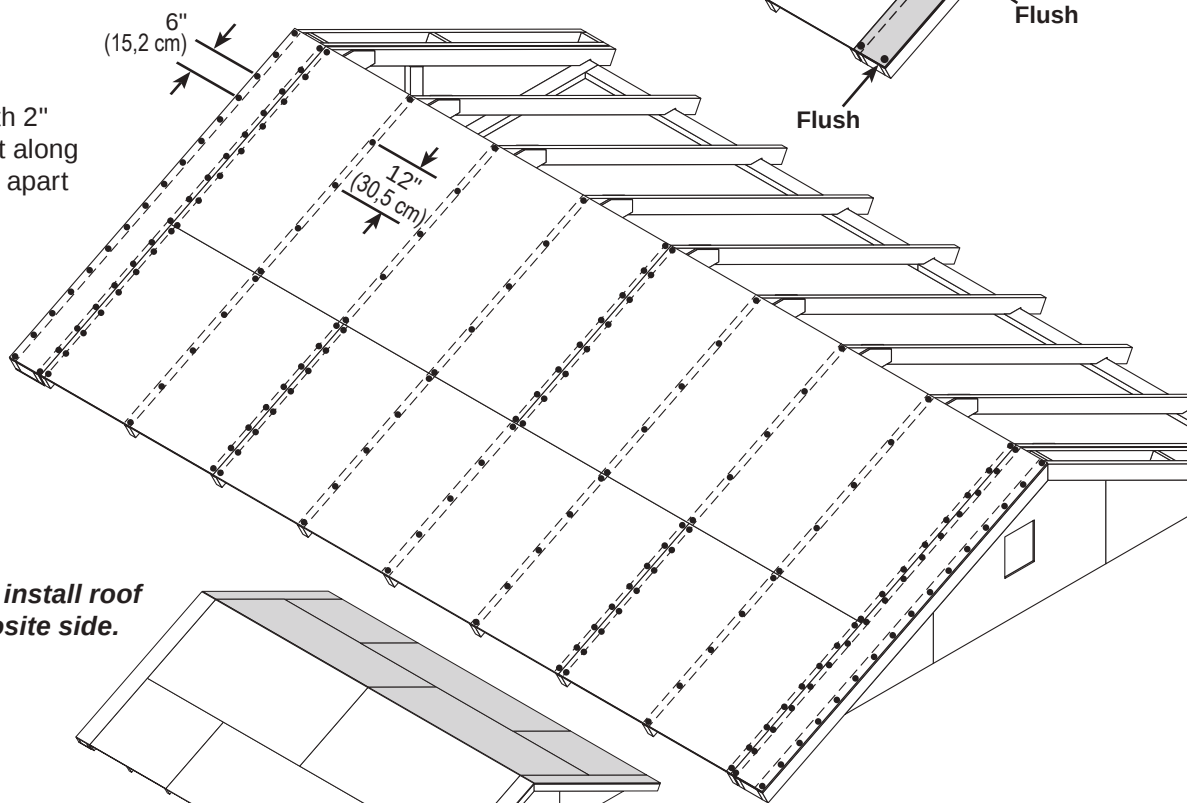
Install (2) 8-5/8" x 88-5/8" panels flush to lower ends of gable frame and rafter, and flush to outside edge of gable frame.

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



11

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



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



Your roof panels are now installed.

GABLE SOFFIT PANELS

PARTS REQUIRED:

x4



3/8 x 7-7/8 x 86-3/4" (1 x 20 x 220,3 cm)

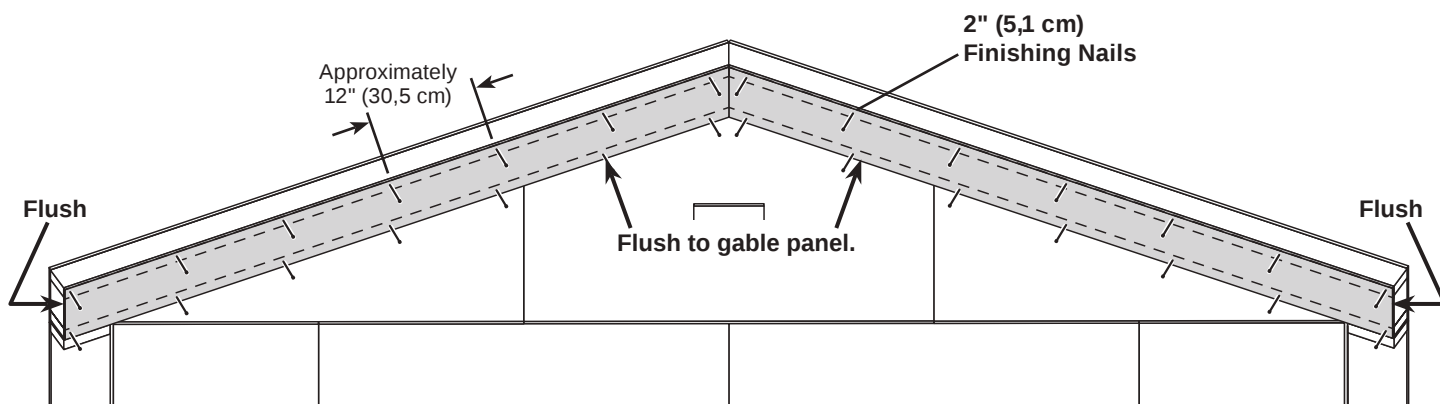
x72 2" (5,1 cm)



Install all soffit panels with the primed side facing out.

✓ **BEGIN**

- 1 Install **86-3/4"** soffit panels flush to gable panel and flush to gable ends.
Secure with 2" finishing nails spaced evenly.



Repeat steps to install soffit boards on opposite side.



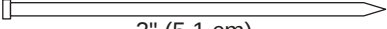
Your soffit panels are now installed.

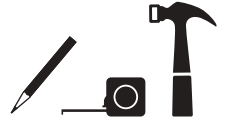
EAVE SOFFIT PANELS

PARTS REQUIRED:

x4 
3/8 x 5-7/8 x 73" (1 x 14,9 x 185,4 cm)

x2 
3/8 x 5-7/8 x 47-7/8" (1 x 14,9 x 121,6 cm)

x44  2" (5,1 cm)



Install all soffit panels with the primed side facing out.

✓ **BEGIN**

1

Install (1) 47-7/8" soffit panel centered between 4th and 6th rafters.

Secure with 2" finishing nails, (2) in each rafter (**Fig B**).
Angle nails at seams (**Fig. C**).

Fig. B

Flush

2

Install (2) 73" soffit panels flush to installed panel (**Fig A**).

NOTE:

Before nailing, check the fit of the panels. Trim as needed.

Secure with 2" finishing nails, (2) in each rafter (**Fig B**).
Angle nails at seams (**Fig. C**).

5-7/8" x 47-78"
Install First

4th

2" (5,1 cm) Nails

Flush

Fig. C

6th

Flush

Flush

Repeat to install eave soffit panels on the opposite side.



Your eave soffit panels are now installed.

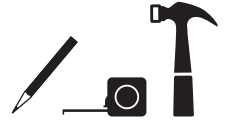
GABLE FASCIA

PARTS REQUIRED:

x2  Painted Red
3/8 x 4-3/4 x 89-1/4" (1 x 12,1 x 226,7 cm)

x2  Painted Green
3/8 x 4-3/4 x 89-1/4" (1 x 12,1 x 226,7 cm)

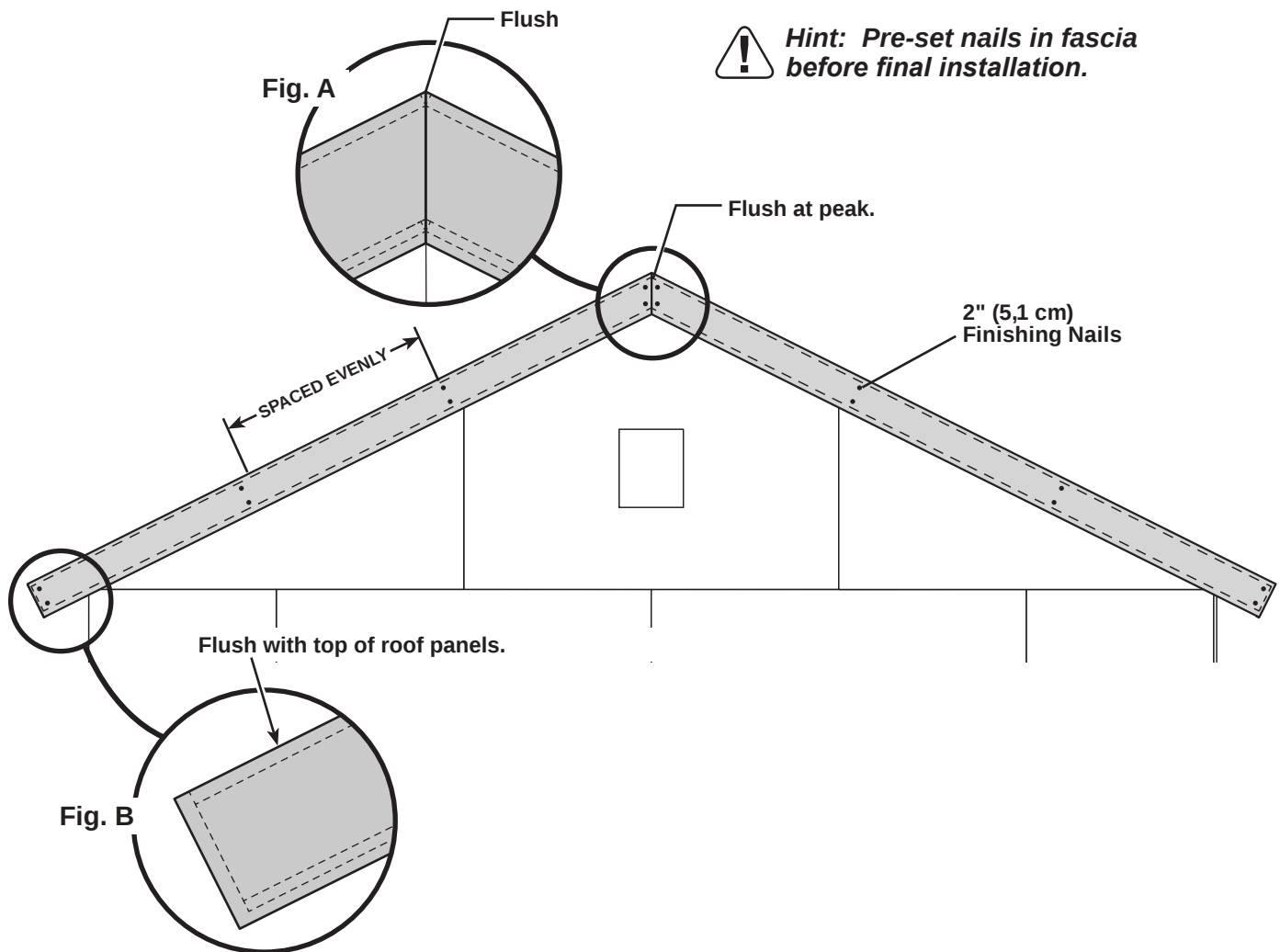
x32  2" (5,1 cm)



Install all trim with the primed side facing out.

✓ BEGIN

- 1 Install fascia flush to peak and roof panels as shown (Fig. A, Fig B). Secure with 2" finishing nails spaced evenly as shown.



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

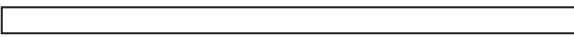
Repeat to install fascia on opposite side.



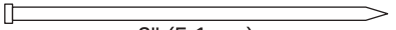
Your gable fascia boards are now installed.

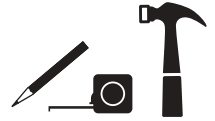
EAVE SIDE FASCIA

PARTS REQUIRED:

x4 
3/8 x 4-3/4 x 80-7/8" (1 x 12,1 x 205,4 cm)

x2 
3/8 x 4-3/4" x 47-7/8" (1 x 12,1 x 121,6 cm)

x52  2" (5,1 cm)



Install all trim with the primed side facing out.

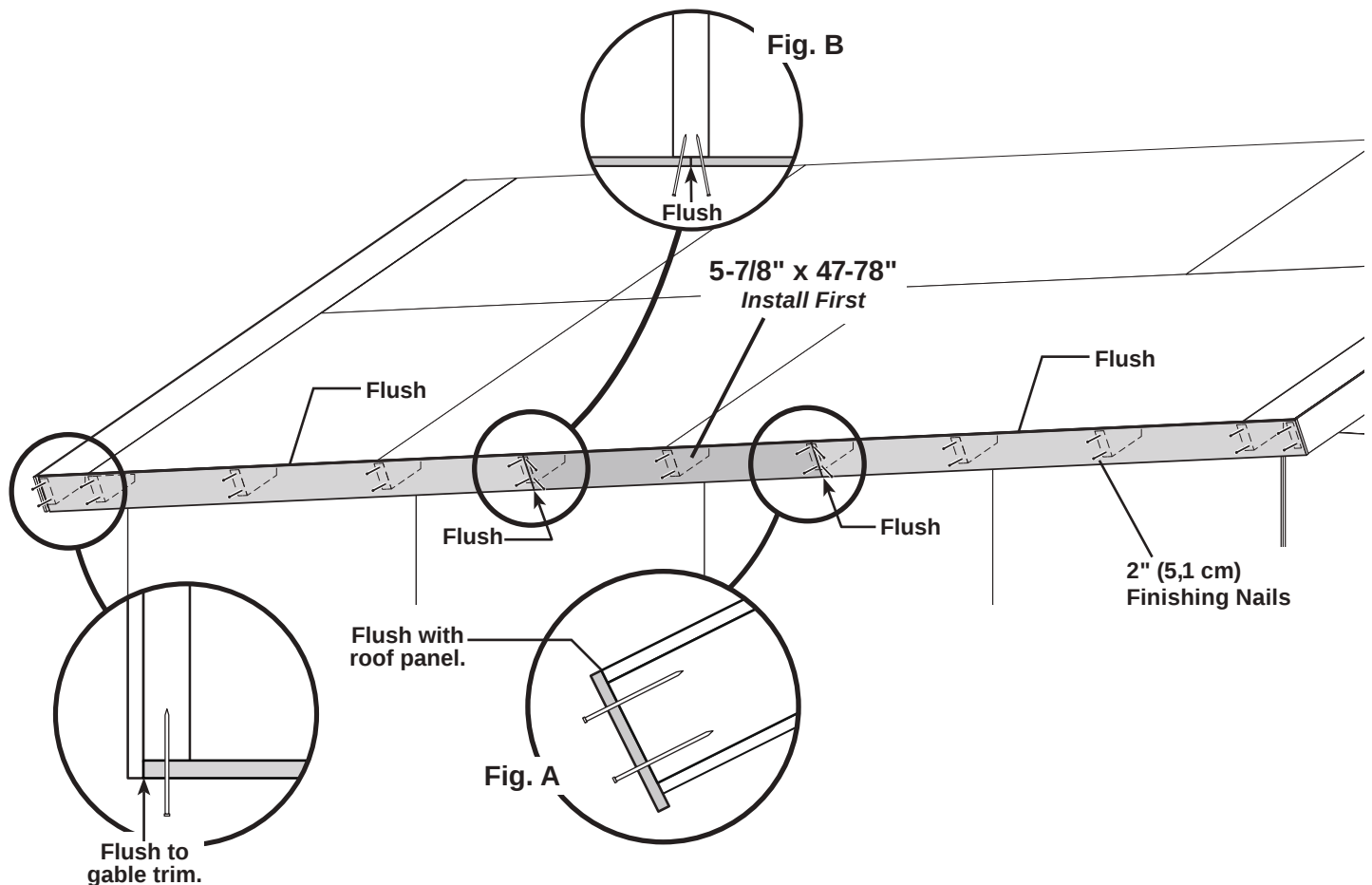
✓ BEGIN

- 1 Install (1) 4-3/4" x 47-7/8" x 80-5/8" and (2) 4-3/4" x 80-5/8" fascia boards flush to roof panels and flush at seams (Fig. A, Fig. B).

NOTE:

Before nailing, check the fit of the fascia boards. Trim as needed.

Secure with 2" finishing nails, (2) in each rafter and (4) nails at seam (Fig B). Angle nails at seam.



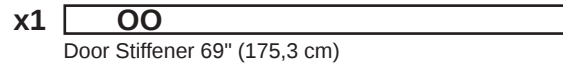
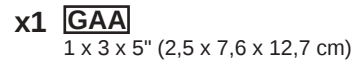
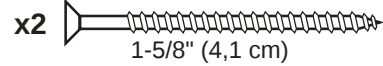
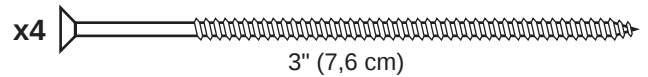
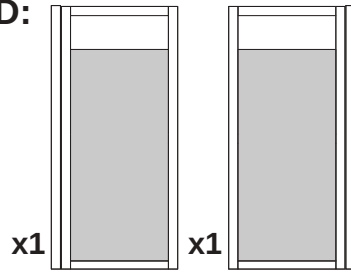
Repeat steps to install fascia on the opposite side.



Your eave side fascia boards are now installed.

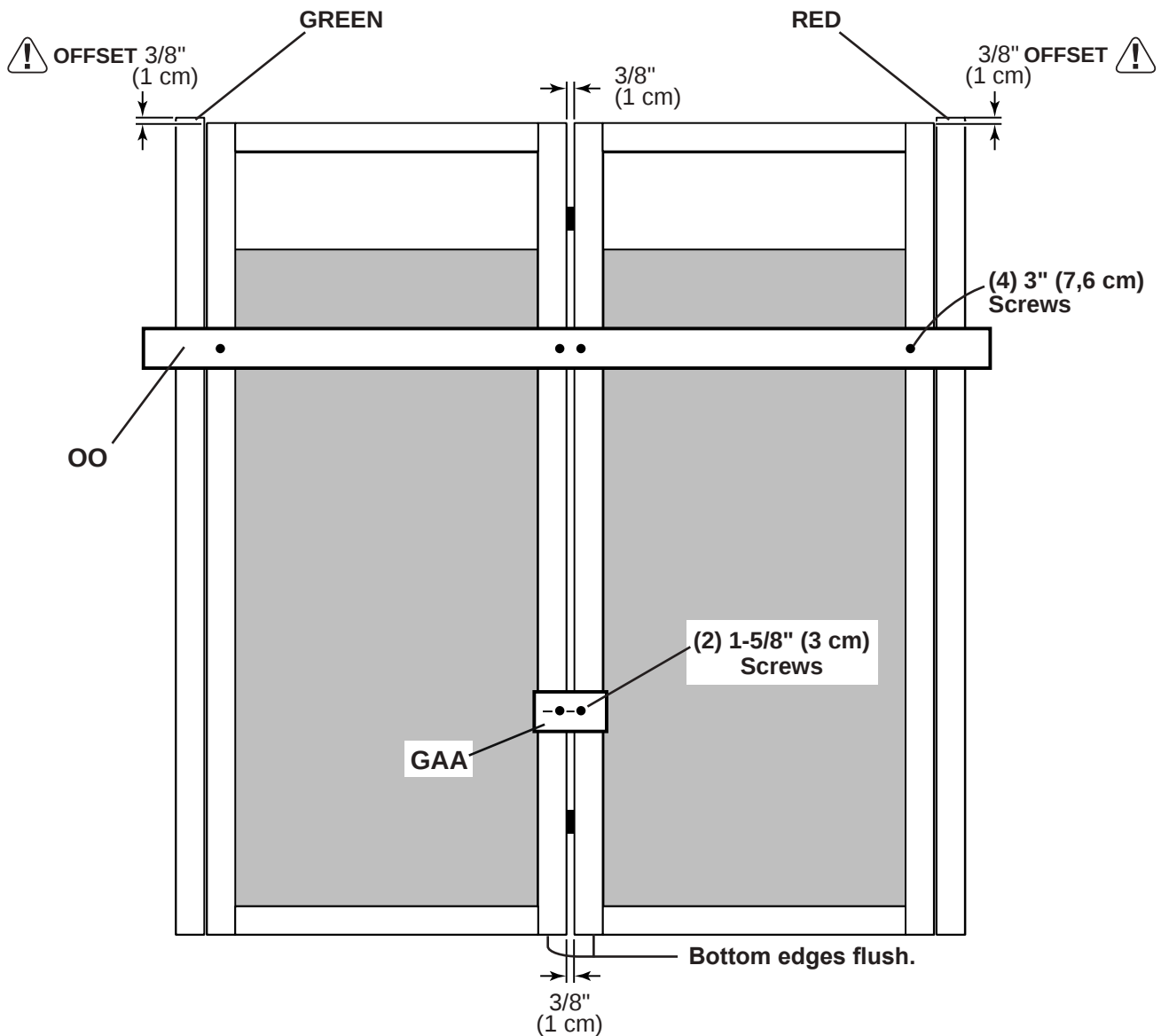
DOORS

PARTS REQUIRED:



✓ 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 Install temporary support **OO**, securing with 3" screws in middle and at ends, as shown.
- 3 Install temporary support **GAA**, securing with (2) 1-5/8" screws.



DOORS

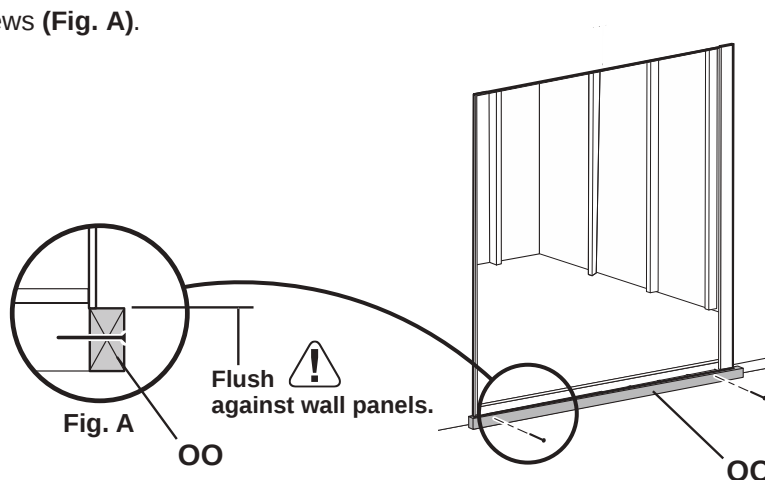
PARTS REQUIRED:

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**).

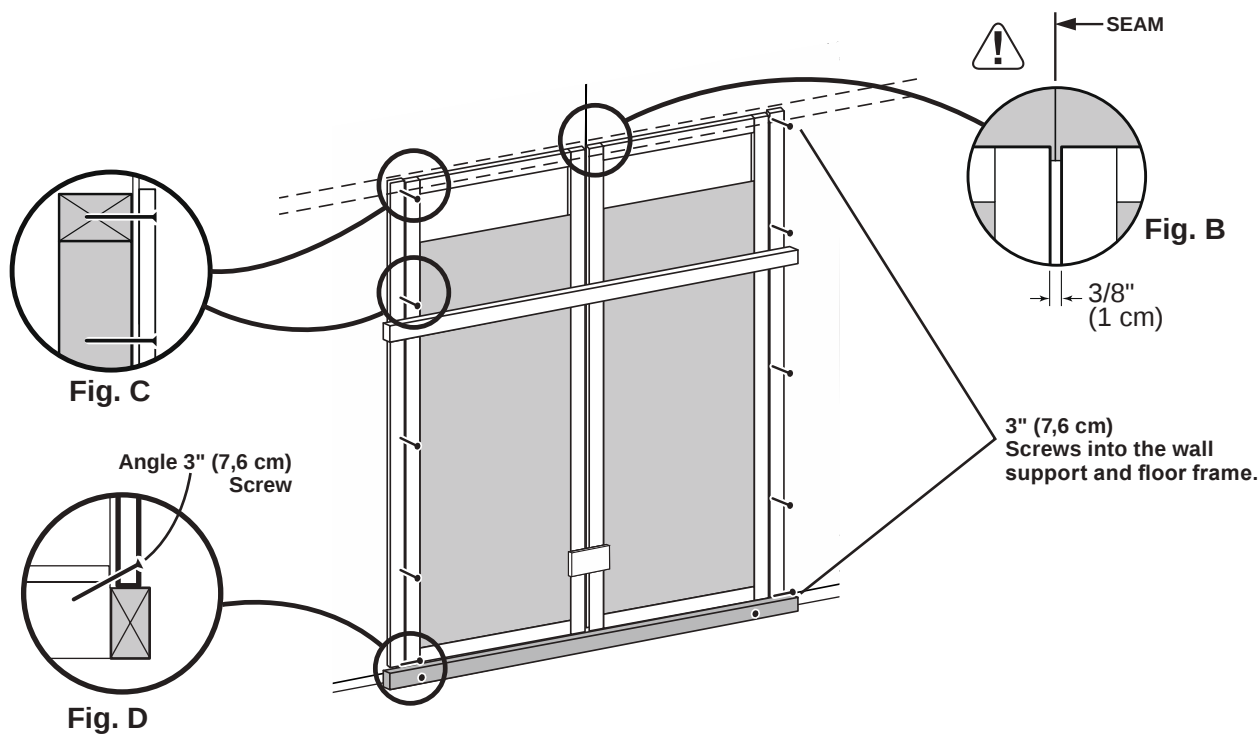


- 5** Center doors on panel seam, as shown (**Fig. B**).



- 6** Screw hinge boards into wall supports and floor, securing with (10) 3" screws.

 **Make sure screws go into framing and floor (**Fig. C, D**).**



You have finished installing your doors.

Remove temporary supports and ensure that the doors open properly.

DOOR TRIM

PARTS REQUIRED:

x2 **NQA**
19/32 x 4 x 26-5/8" (1,5 x 10,2 x 67,6 cm)

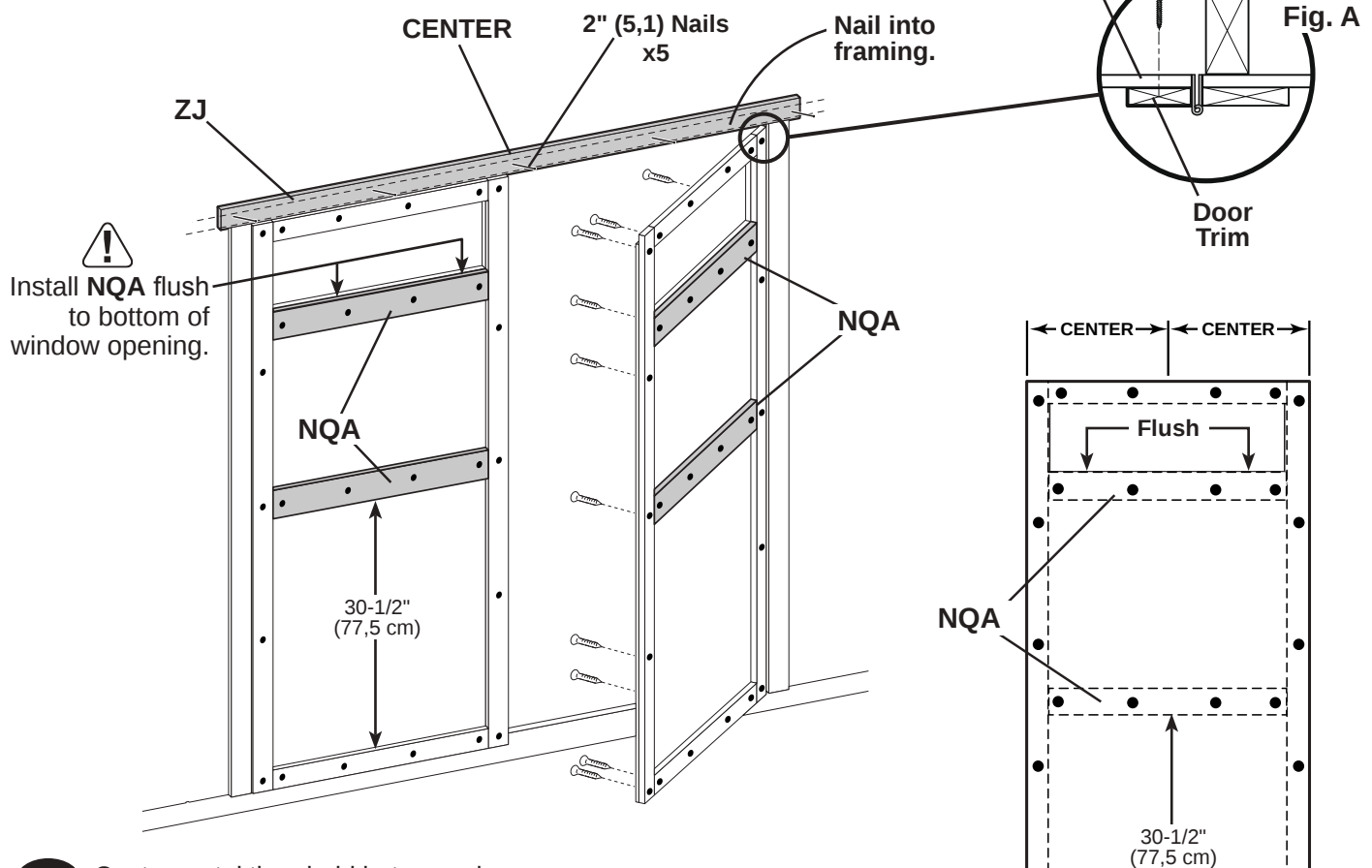
x1 **ZJ**
19/32 x 3 x 72" (1,5 x 7,6 x 183 cm)

x1 64" Metal Threshold
3/4" (1,9 cm) x11
Bagged separately / special coating

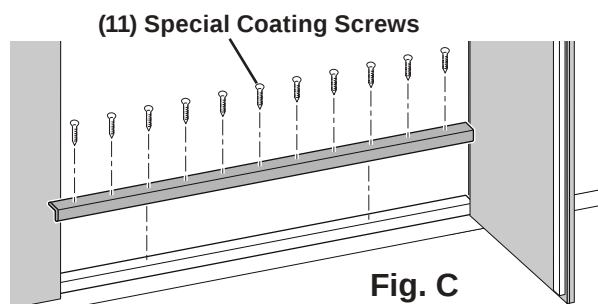
x5 2" (5,1 cm)
x56 3/4" (1,9 cm)

BEGIN

- 1 Secure door trim from inside using 3/4" screws (Fig. A).
- 2 Secure horizontal door rails **NQA** and **AH** with (4) 3/4" screws from behind to center of doors.
- 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 using (5) 2" finish nails into wall framing.



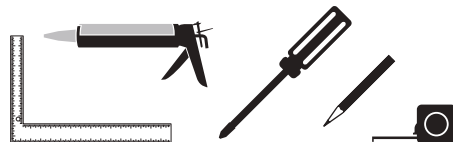
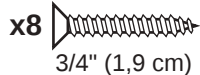
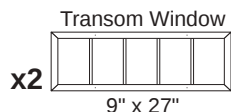
- 5 Center metal threshold between doors. secure using eleven 3/4" special coating screws (Fig. C).



Your door and trim are now secured

DOOR TRANSOM WINDOWS

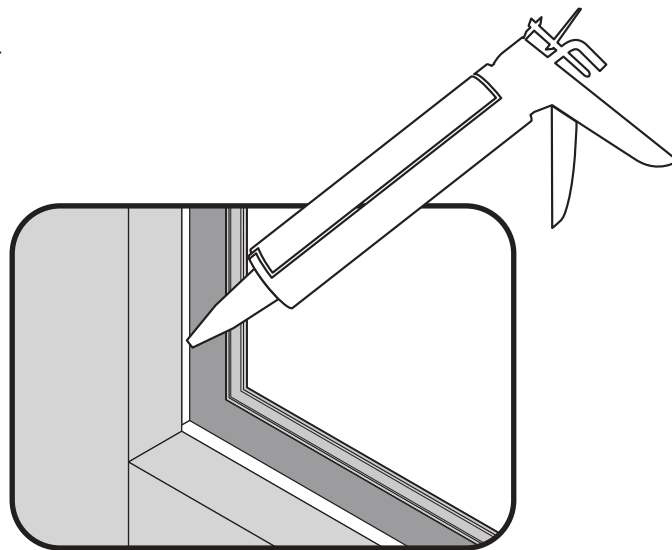
PARTS REQUIRED:



✓ 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.

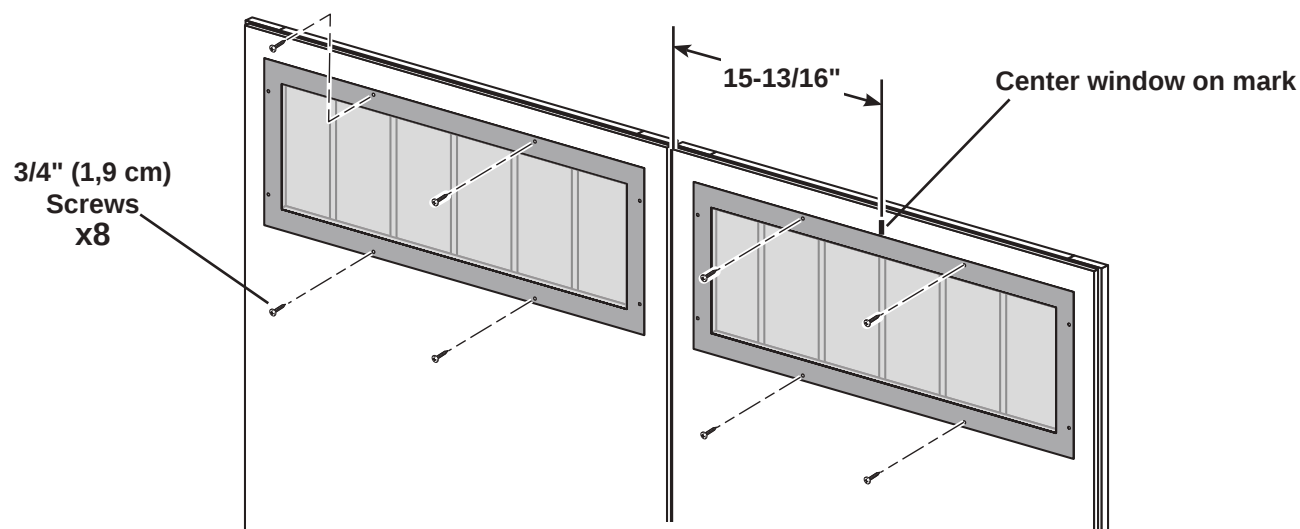


FRONT SIDE VIEW

- 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.



BACK SIDE OF DOORS



Your transom windows are installed.

DOOR STIFFENERS

PARTS REQUIRED:

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

x14  2" (5,1 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)

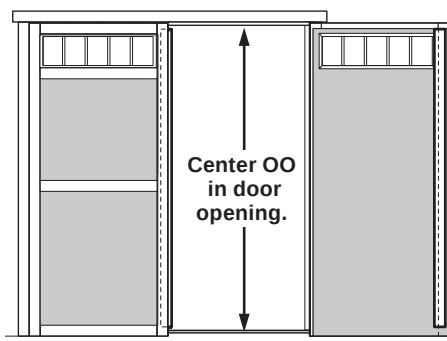
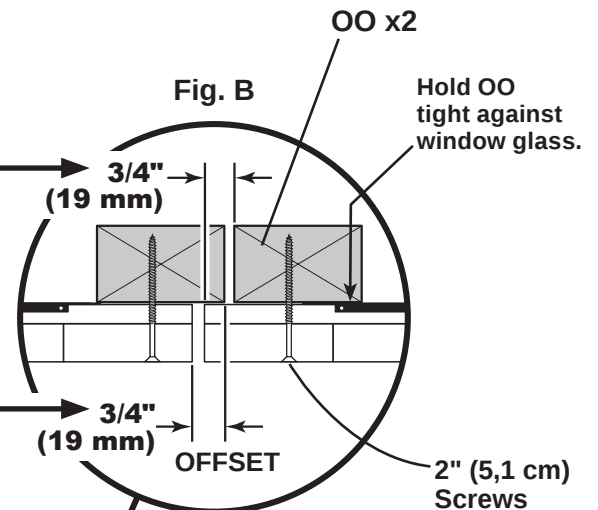
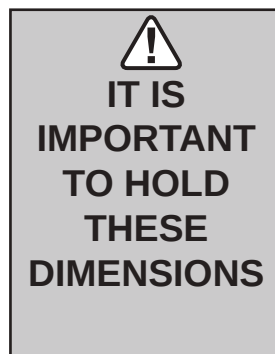
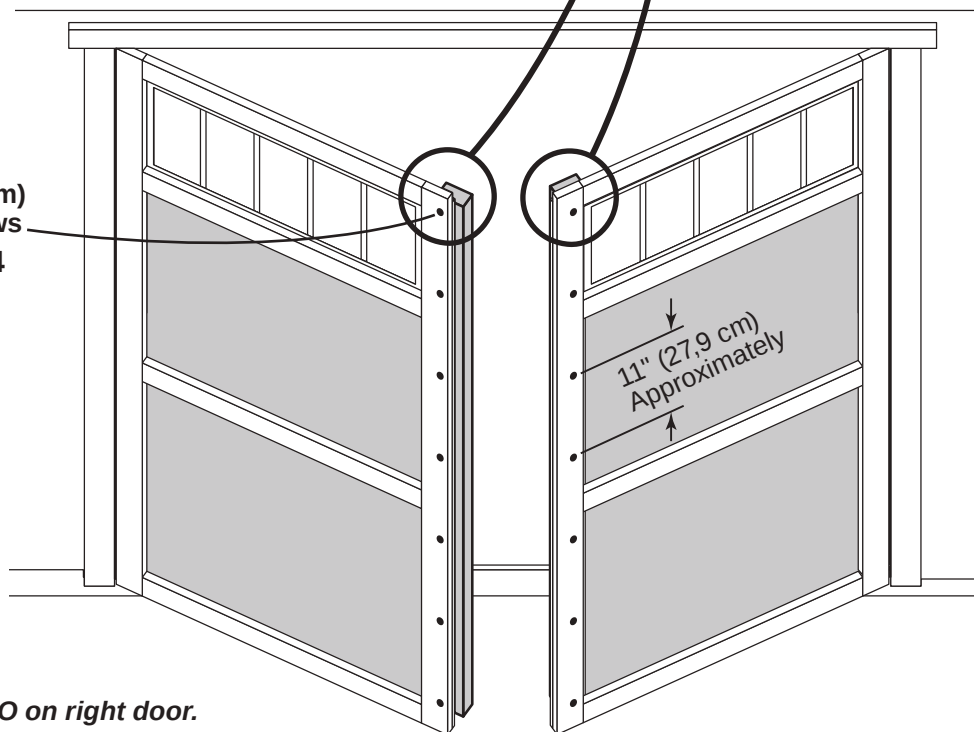


Fig. A



2"
(5,1 cm)
Screws
x14



Repeat steps to install OO on right door.

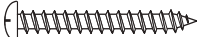


FINISH

Your door stiffeners are now installed.

DOOR HARDWARE

PARTS REQUIRED: x6 

x18 
1" (2,5 cm)

1/2" (13 mm) Drill Bit

1/4" (6 mm) Drill Bit

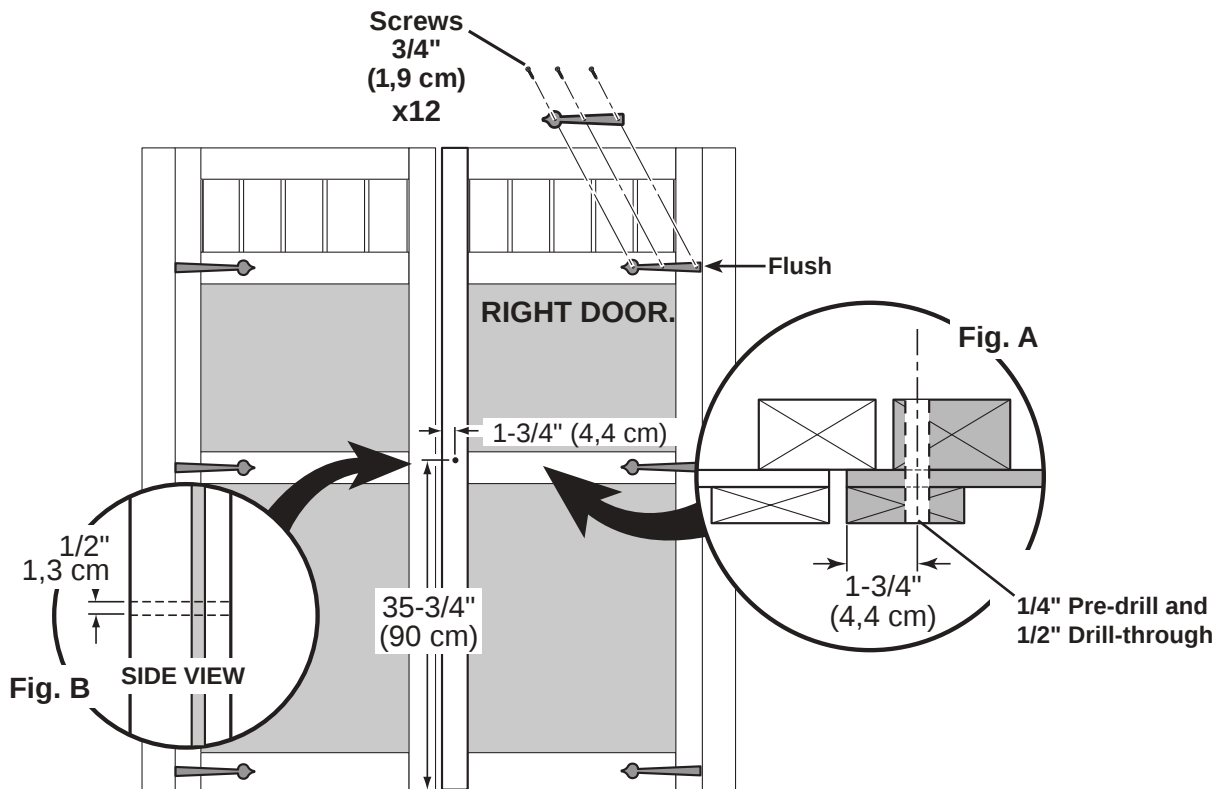


✓ BEGIN

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

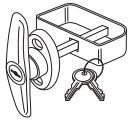


Your door is now prepared for handle installation.

DOOR HARDWARE

PARTS REQUIRED:

Handle (locking)
with Screws



1-1/4" x2



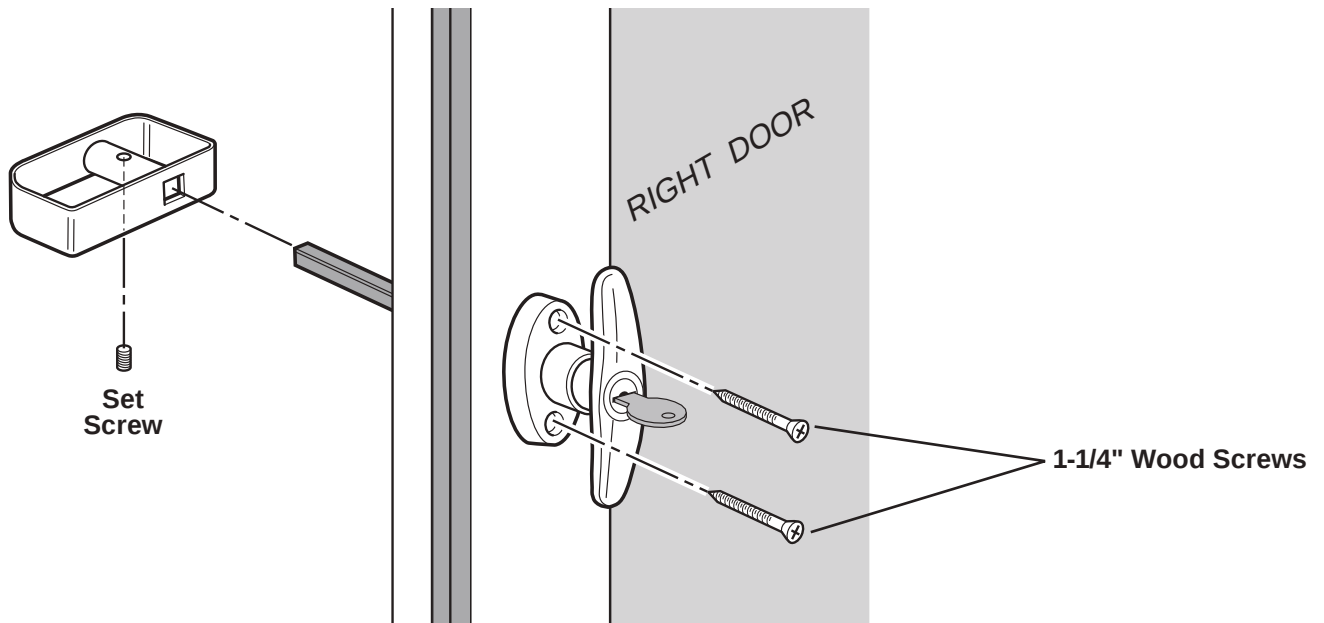
□ x1



1/2" (13 mm) Drill Bit

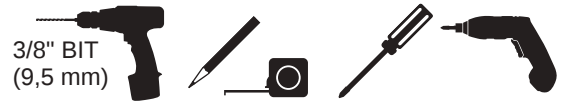
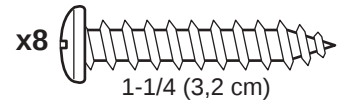
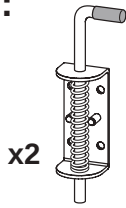
1/4" (6 mm) Drill Bit

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



DOUBLE DOOR HARDWARE

PARTS REQUIRED:



BEGIN

- 1 Flush and center top spring bolt at the top of **OO** (Fig. A). Secure with (4) 1-1/4" screws.
Mark spring bolt pin location on over door frame. Drill a 1-1/2" deep hole using a 3/8" drill bit.

- 2 Flush and center bottom spring bolt to bottom of **OO** (Fig. B). Secure with (4) 1-1/4" screws.
Mark spring bolt pin location on floor.
Drill a 1-1/2" deep hole using a 3/8" drill bit.

Fig. A

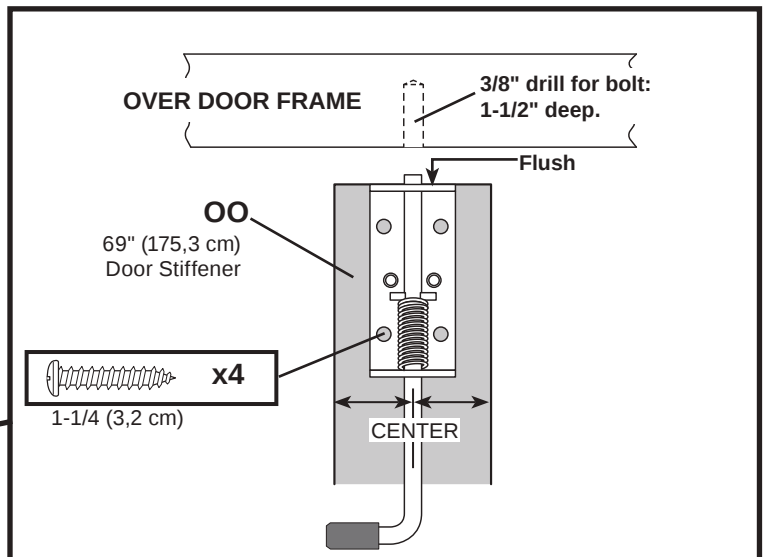
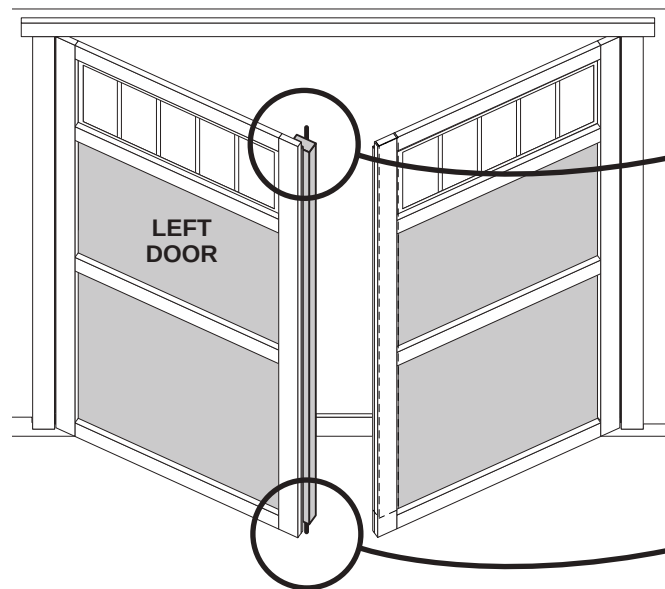
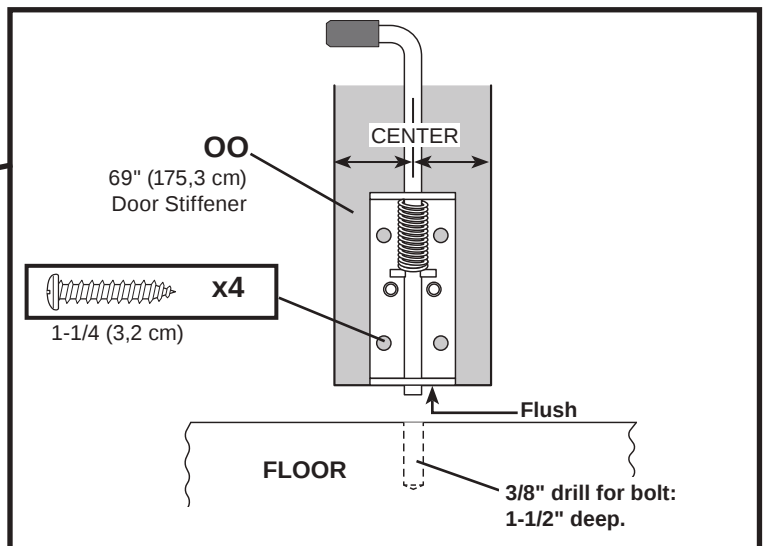


Fig. B



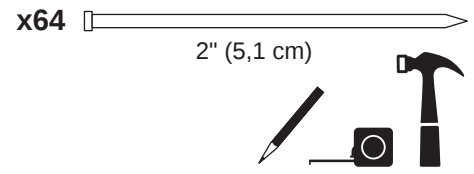
FINISH

Your spring bolts are now installed.

CORNER TRIM

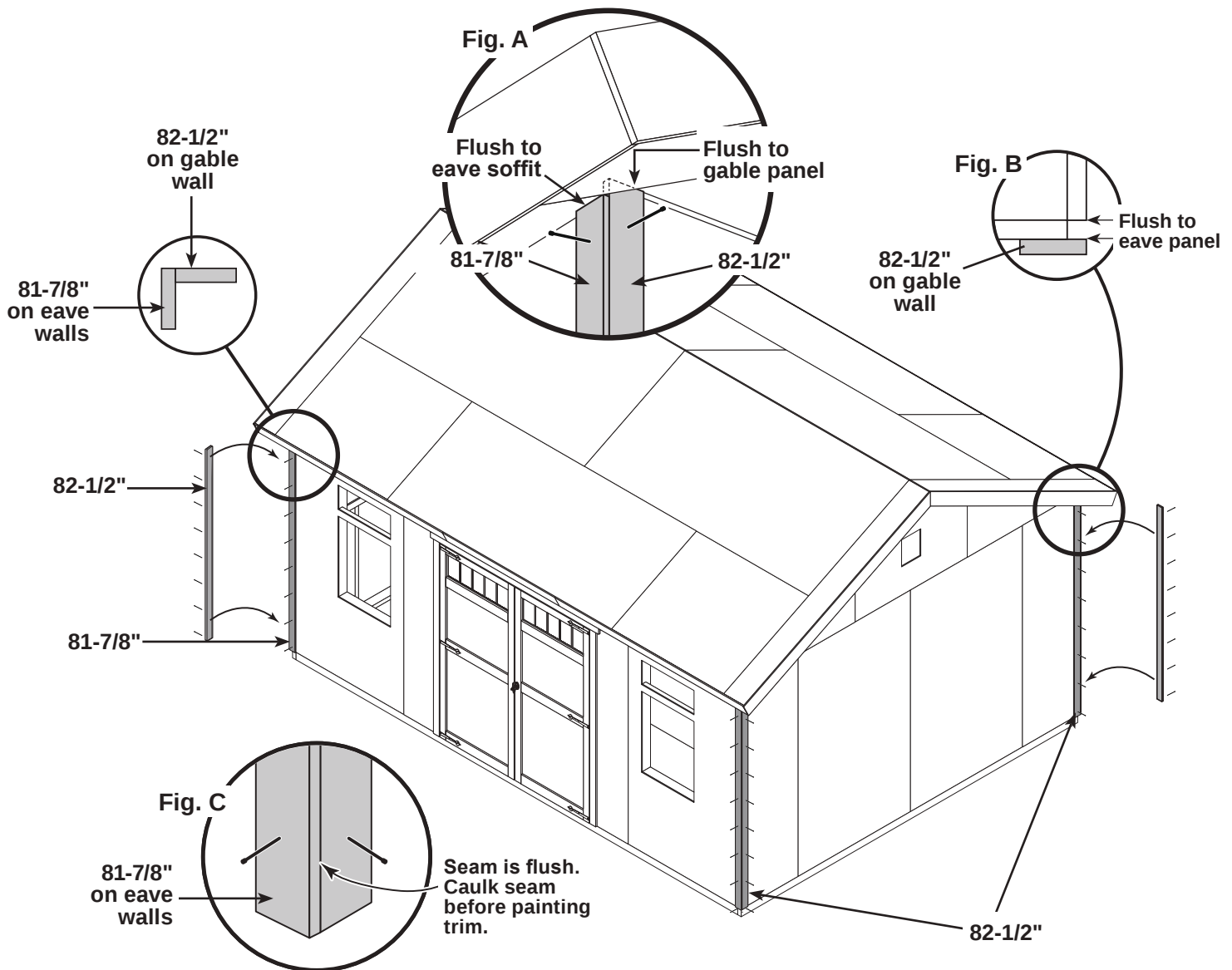
PARTS REQUIRED:

- x4**  $3/8 \times 2-1/2 \times 82-1/2$ " (1 x 6,3 x 209,6 cm)
- x4**  $3/8 \times 2-1/2 \times 81-7/8$ " (1 x 6,3 x 208 cm)



✓ BEGIN

- 1** Install gable end **82-1/2"** corner trim flush to gable panel (**Fig. A**) and flush with eave wall panel (**Fig. B**). Secure with 2" finishing nails spaced evenly.
- 2** Install eave side **81-7/8"** corner trim flush to eave soffit and flush along seam of installed corner trim (**Fig. C**). Secure with 2" finishing nails spaced evenly.



Repeat steps to install trim to all four corners.



FINISH

Your corner trim is now installed.

SHELF

PARTS REQUIRED:

x7 **AC**

2 x 3 x 10" (5,1 x 7,6 x 25,4 cm)

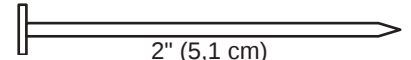
x7



7/16 x 8 x 12-1/2" (1 x 20,3 x 31,8 cm)

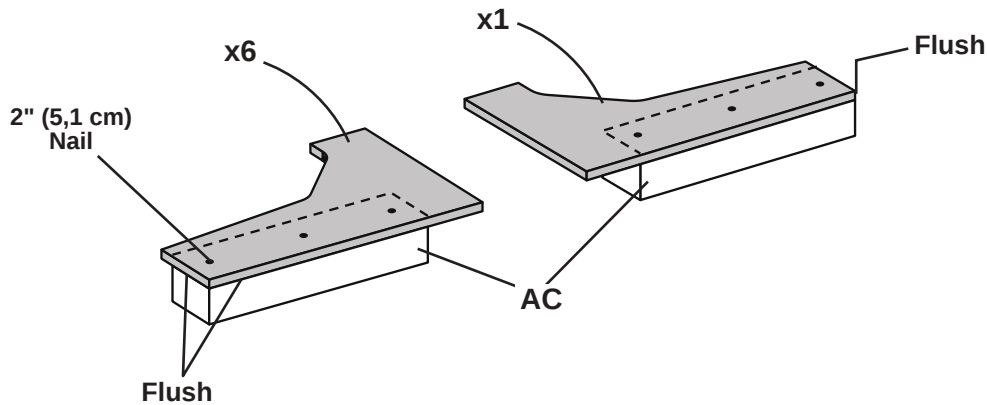


x42

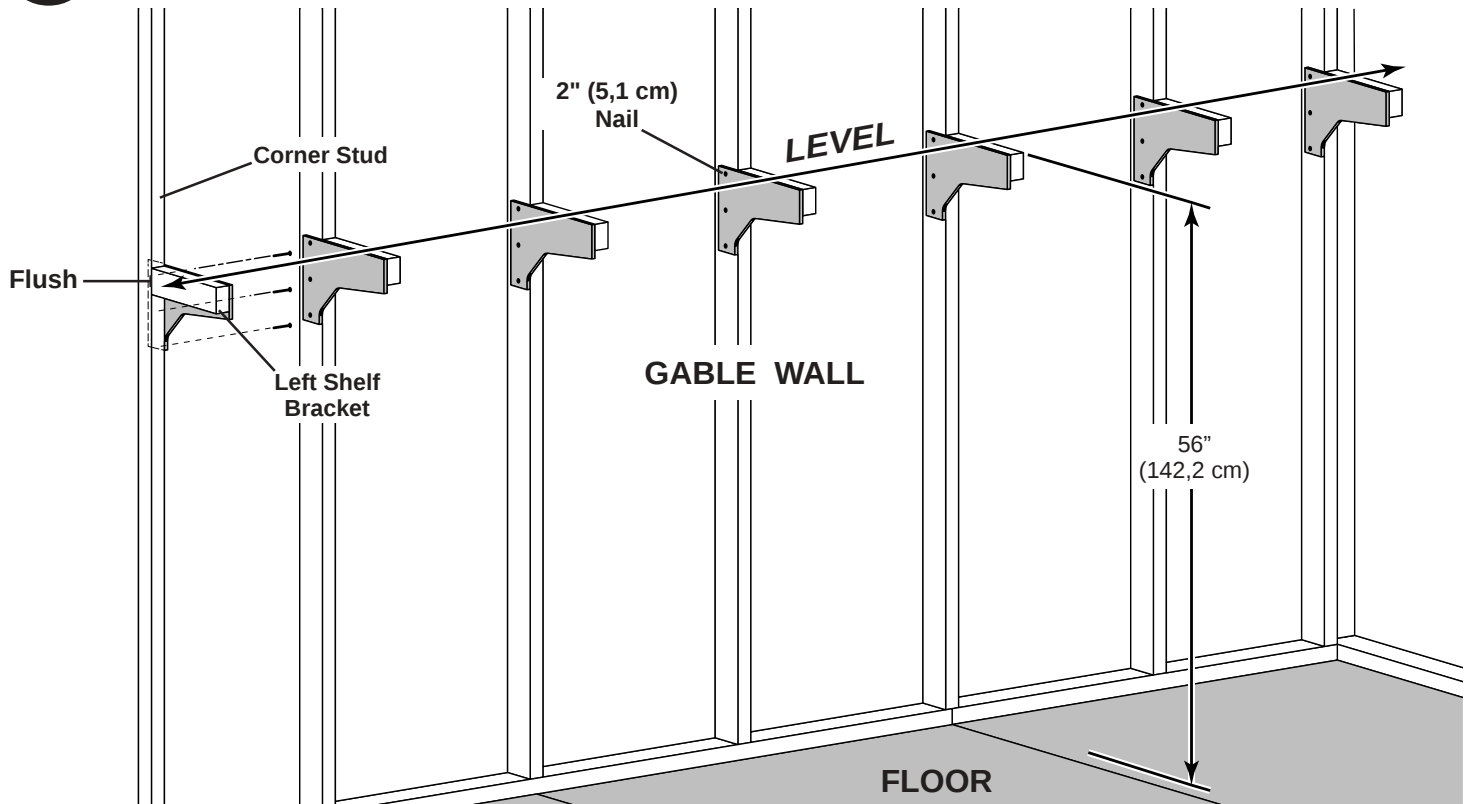


✓ BEGIN

- 1 Secure **AC** to bracket panels using three 2" (5,1 cm) nails. Assemble 7 shelf supports as shown; 6 right-side, 1 left-side.



- 2 Secure shelf supports at shown height using three 2" nails.



SHELF

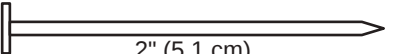
PARTS REQUIRED:

x1 
7/16 x 11-7/8 x 96" (1,1 x 30,2 x 243,8 cm)

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

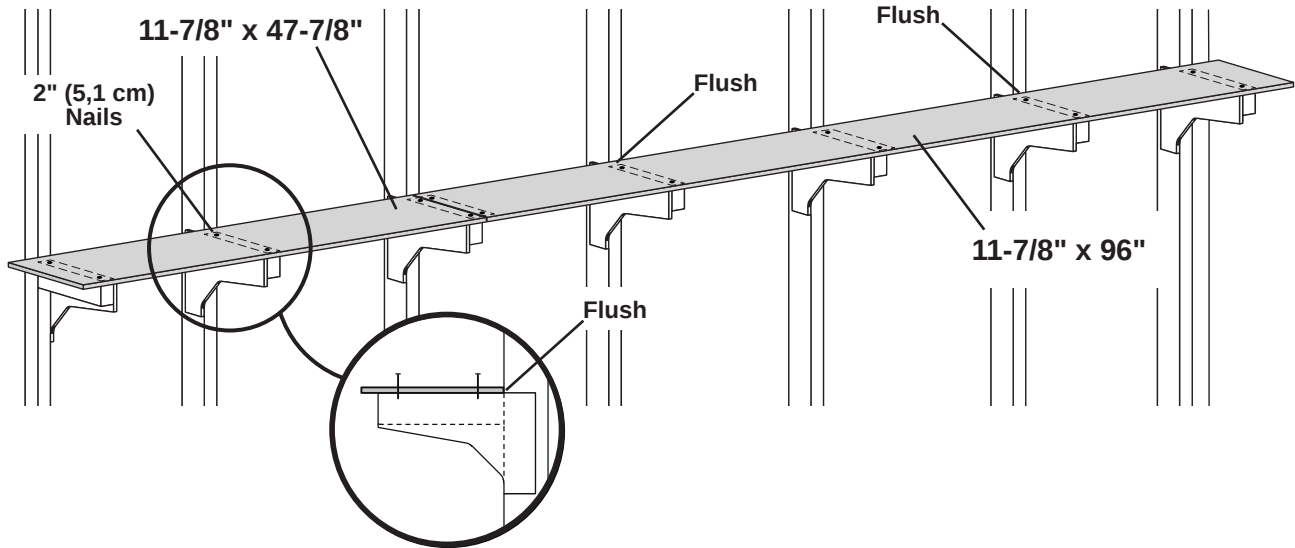
x1 
7/16 x 11-7/8 x 47-7/8" (1,1 x 30,2 x 121,6 cm)

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

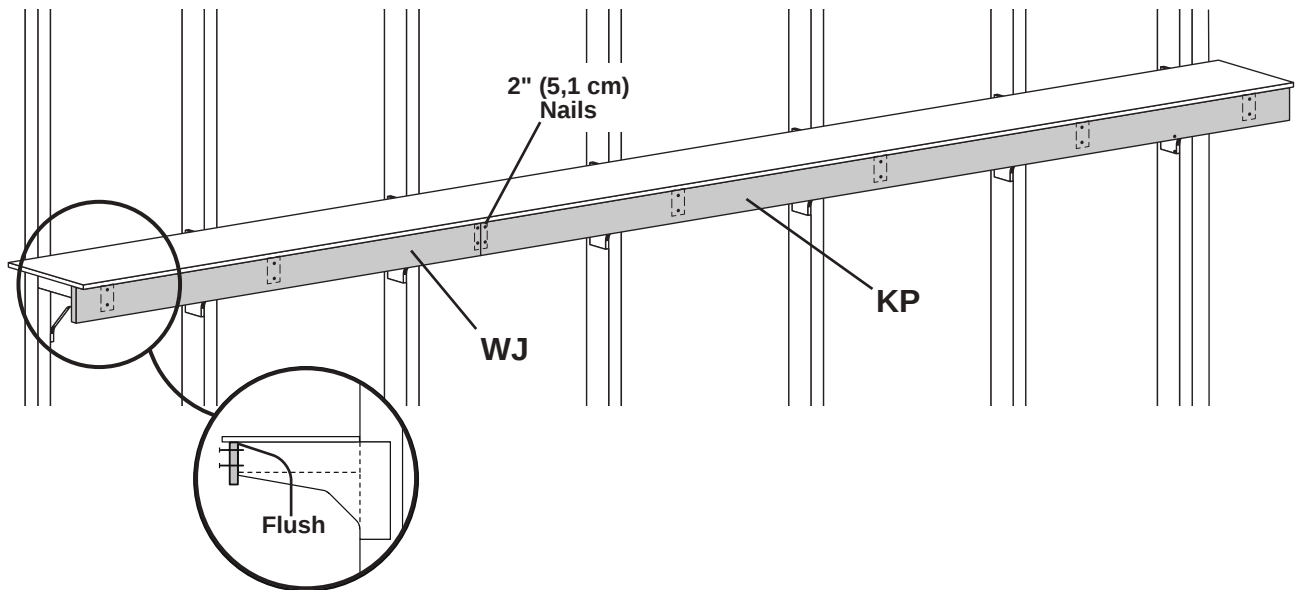
x32  2" (5,1 cm)



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



- 4** Secure **KP** and **WJ** with 2" nails at each support, as shown.



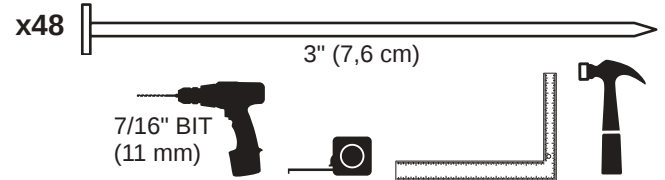
Your shelf is now installed.

LOFT

PARTS REQUIRED:

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

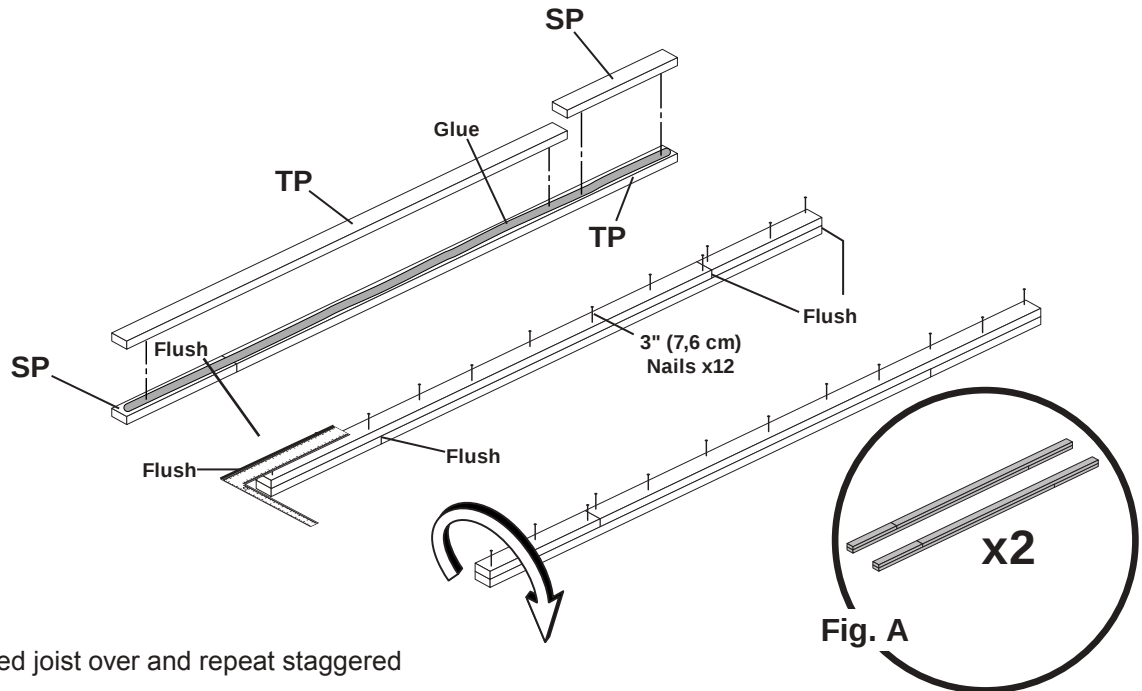
x4 **TP**
2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)



✓BEGIN

1 Arrange parts **TP** and **SP** on a flat surface. Hold parts **TP** and **SP** flush and aligned.

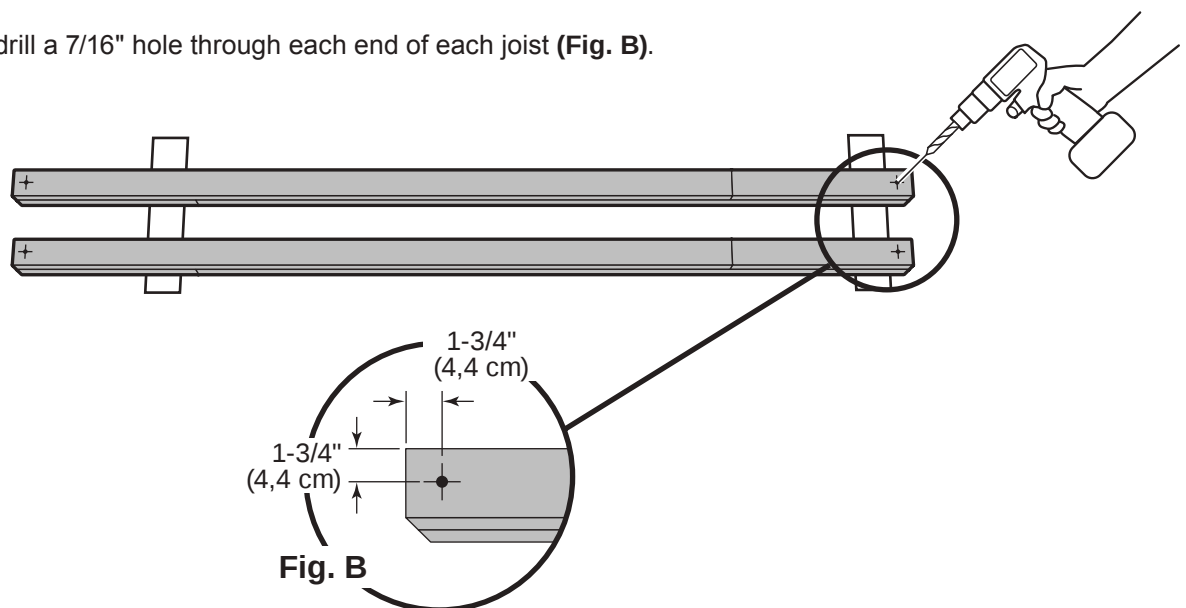
2 Assemble joist with 3" nails in a staggered pattern.



3 Turn assembled joist over and repeat staggered nail pattern.

4 Repeat steps 1-3 to assemble a 2nd loft joist (**Fig. A**).

5 Support and drill a 7/16" hole through each end of each joist (**Fig. B**).



LOFT

PARTS REQUIRED:

x1 **SP**
2 x 4 x 48" (5,1 x 10,2 x 122 cm)

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

x2 **Pre-Assembled Loft Joist**
2 x 4 x 144" (5,1 x 10,2 x 365,7 cm)

x16 3" (7,6 cm)

(NOT ACTUAL SIZE)
x4 3/8" x 5-1/2" (1 cm x 14 cm)

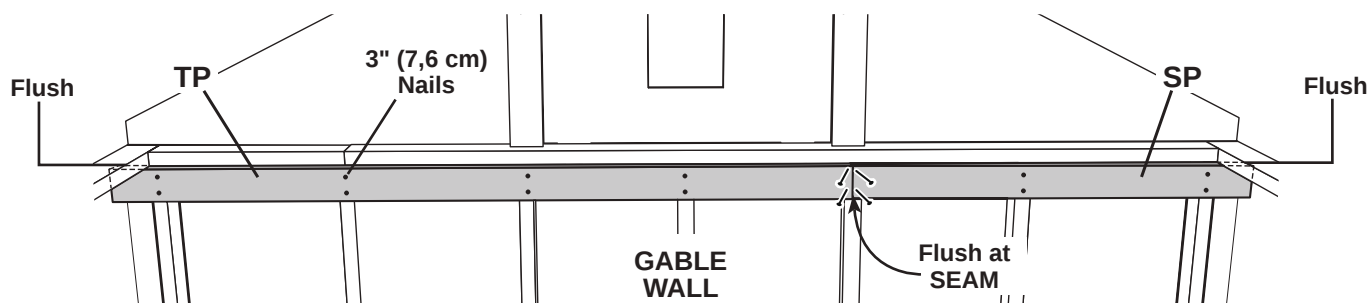
Hex Bolt
x8 3/8" (1 cm)
Flat Washer

x4 3/8" (1 cm)
Lock Nut

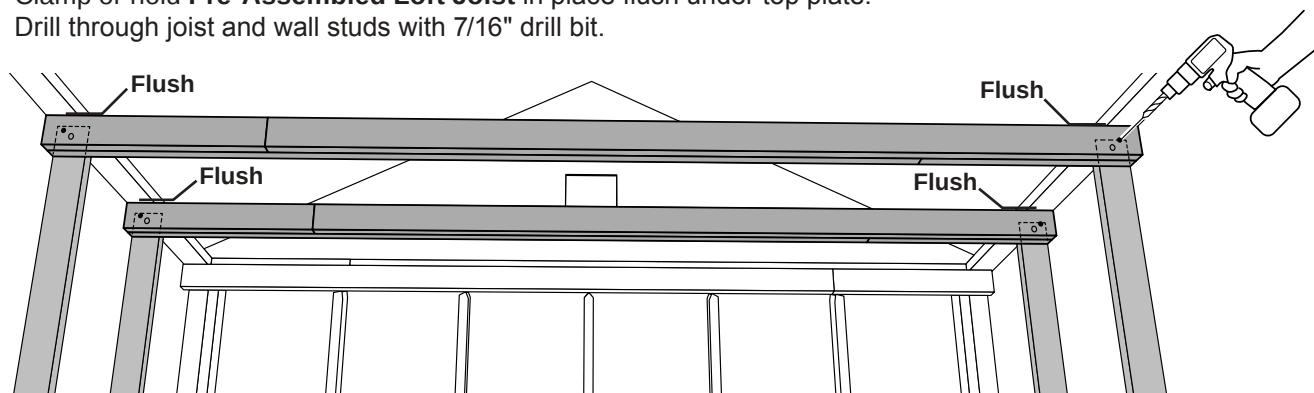
7/16" BIT
(11 mm)



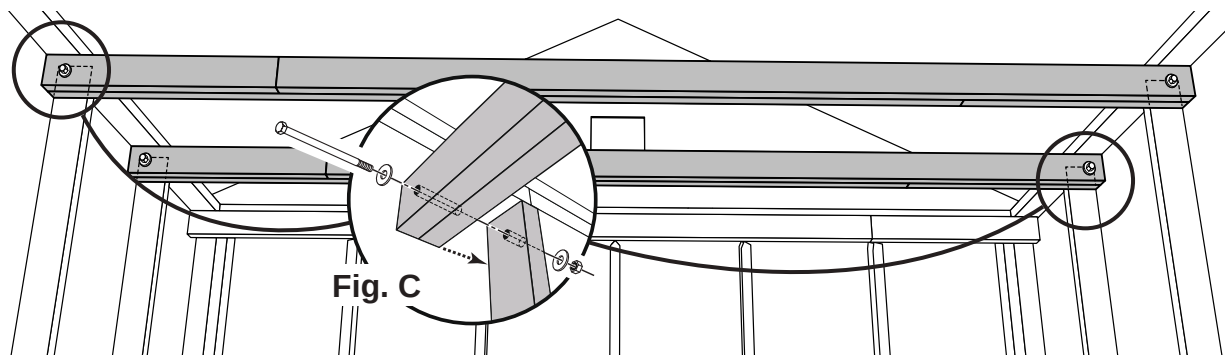
- 6 Locate **TP** and **SP** flush to bottom of top plate and aligned at seam.
Secure with 3" nails at wall studs and seam.



- 7 Clamp or hold **Pre-Assembled Loft Joist** in place flush under top plate.
Drill through joist and wall studs with 7/16" drill bit.



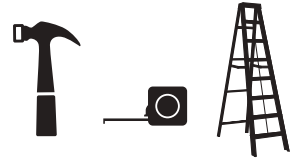
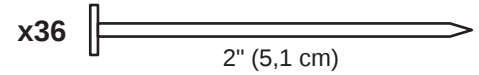
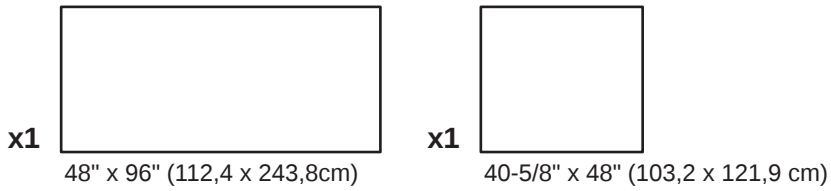
- 8 Secure joist with hex bolts, flat washers and lock nuts at both sides (**Fig. C**).



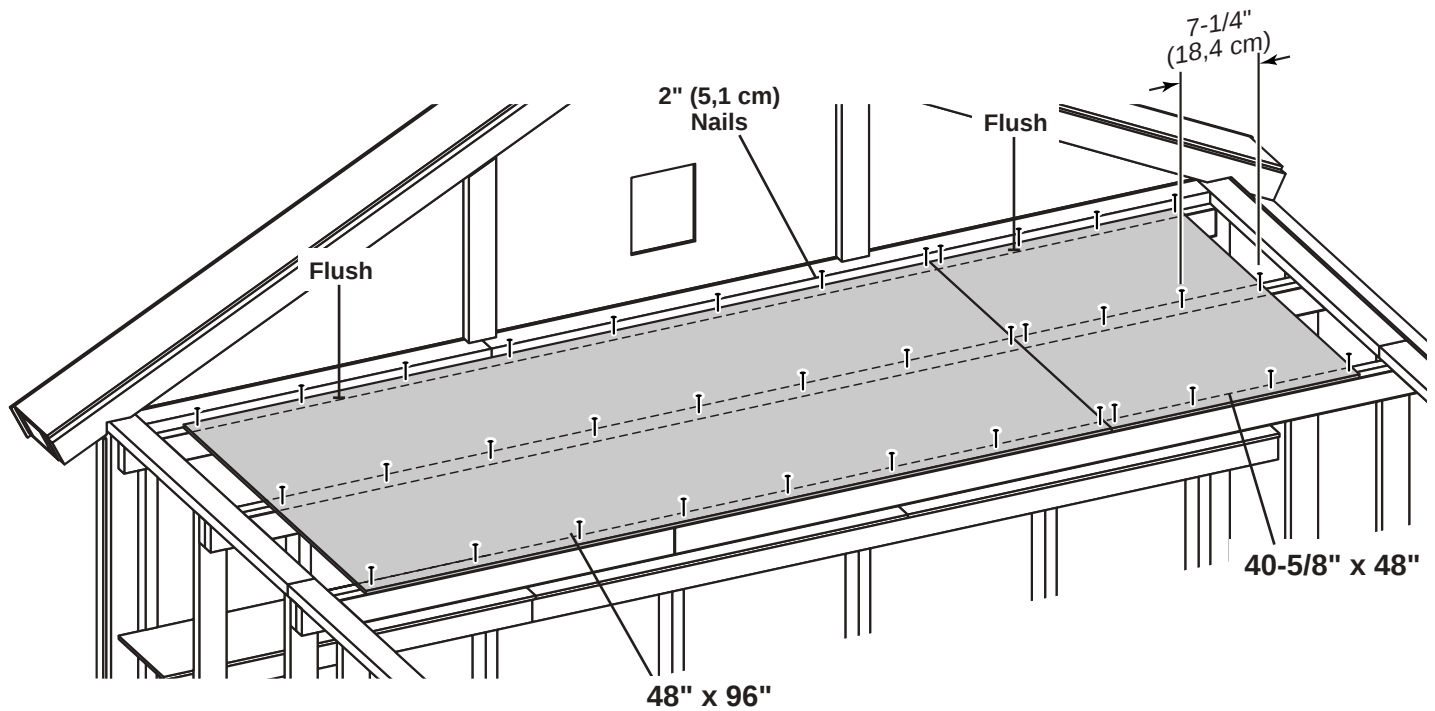
- 9 Repeat steps 7-8 to install the 2nd joist.

LOFT

PARTS REQUIRED:



- 10** Install loft panels centered over loft joists. Secure with 2" nails spaced 8" apart. There will be a gap of approximately 4" on either side.



Attention:
Load not to exceed
400 lbs (181 kg) evenly
distributed across loft.



Your loft is now installed.

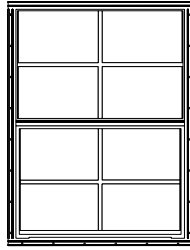
WINDOWS

PARTS REQUIRED:

x1 **QOD**
19/32" x 2-1/2" x 22-1/2"
(5,1 x 6,3 x 57,1 cm)

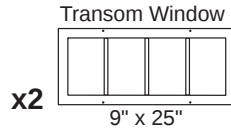
x1 **JOB**
19/32" x 3-1/2" x 22-1/2"
(5,1 x 8,9 x 57,1 cm)

x2

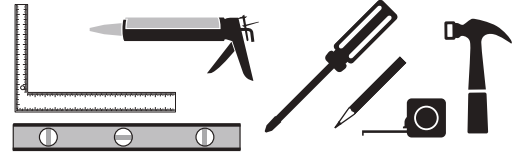


x18
3/4" (1,9 cm)

x6
2" (5,1 cm)



x2



✓ 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 **QOD** and **JOB** 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

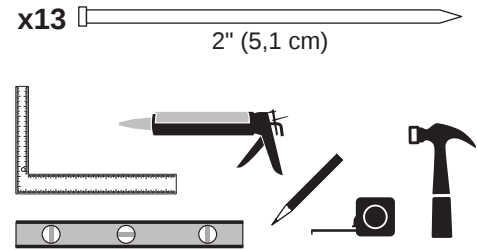
JOB

WINDOWS

PARTS REQUIRED:

x1 **KRB**
19/32" x 3-1/2" x 31" (5,1 x 8,9 x 78,7 cm)

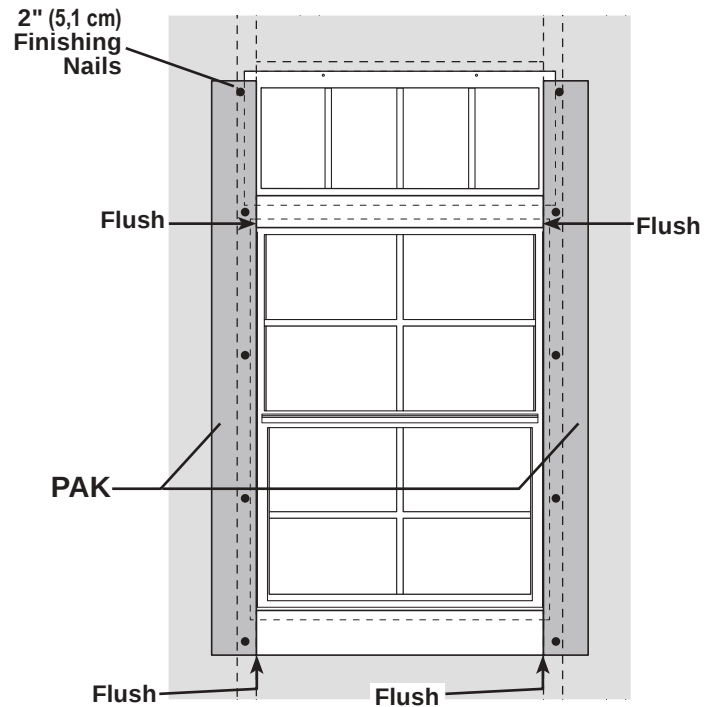
x2 **PAK**
19/32" x 3-1/2" x 45-1/8" (5,1 x 8,9 x 114,6 cm)



4

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

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



5

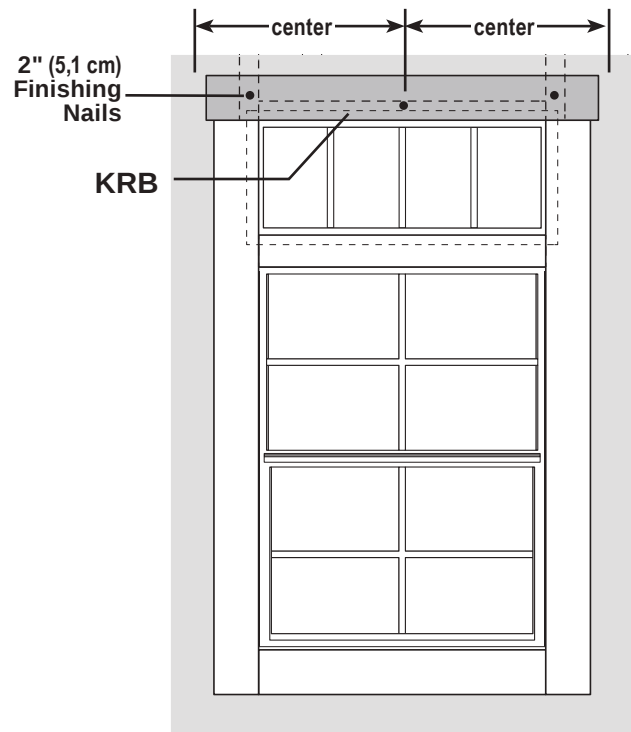
Install **KRB** centered and flush to installed trim .

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.



Repeat steps for 2nd window installation.

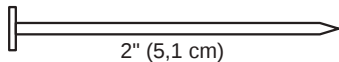


Your windows and trim are installed.

COLLAR TIE INSTALLATION

PARTS REQUIRED:

x3 **WTA**
1 x 4 x 84" (5,1 x 10,2 x 213,4 cm)

x18  2" (5,1 cm)



✓ BEGIN

1

Install collar tie to the rafter with (3) 3" nails at each end (**Fig. A**).

Starting at gable wall, install first collar tie on the 2nd rafter from the wall, and then on **every other** rafter.



HINT:

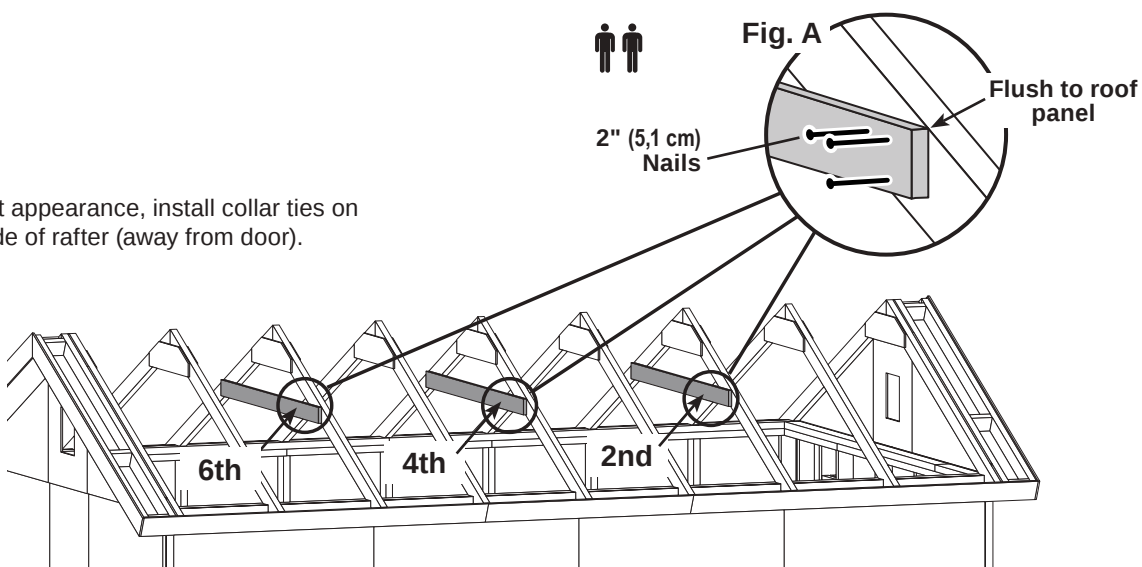
For best appearance, install collar ties on back side of rafter (away from door).



Fig. A

2" (5,1 cm)
Nails

Flush to roof
panel

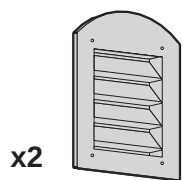


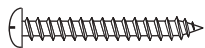
FINISH

Your collar ties are now installed.

GABLE VENTS

PARTS REQUIRED:



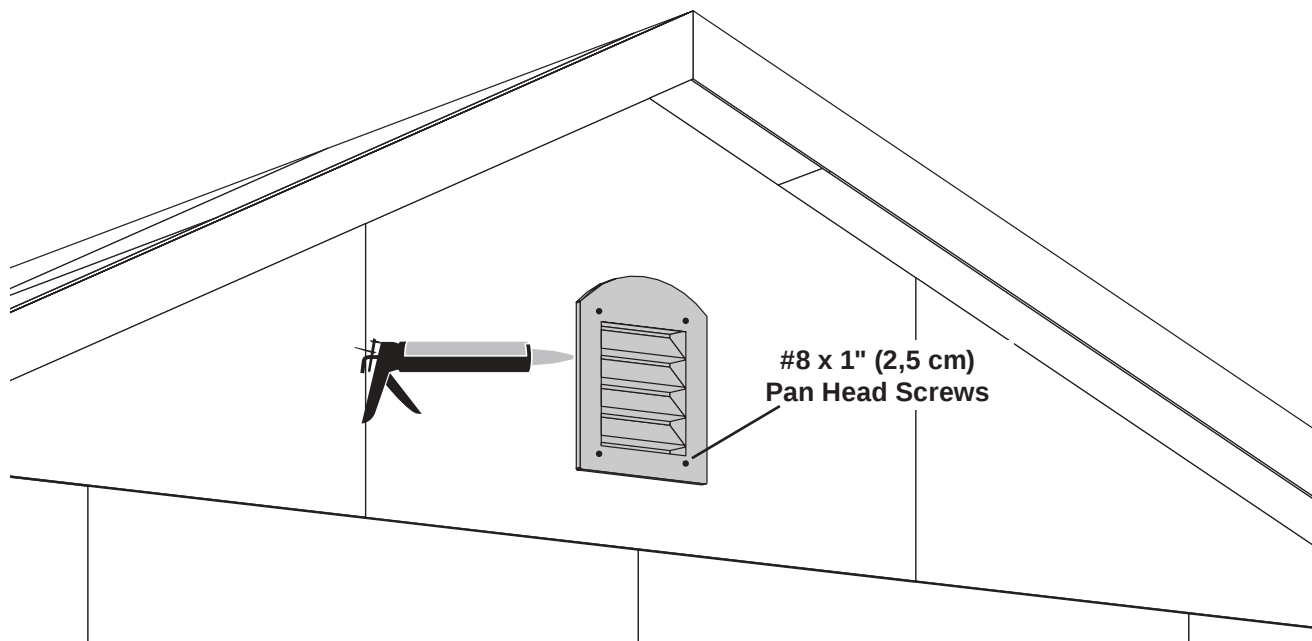
x8 
#8 x 1" (2,5 cm)
Pan Head Screws



✓ BEGIN

- 1 Install vent in the gable wall, as shown.
Seal vent from behind with exterior grade caulk before installing.
Secure vent with 1" screws.

Repeat to install 2nd vent in the opposite gable.



FINISH

Your vents are now installed.

PAINT & CAULK - NOT INCLUDED -



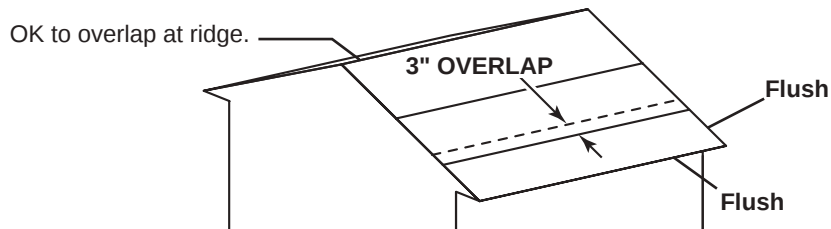
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted:
 - Bottom edge of all siding and trim
 - Inside of doors and all 4 edges

Note:

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

ROOF FELT - NOT INCLUDED -

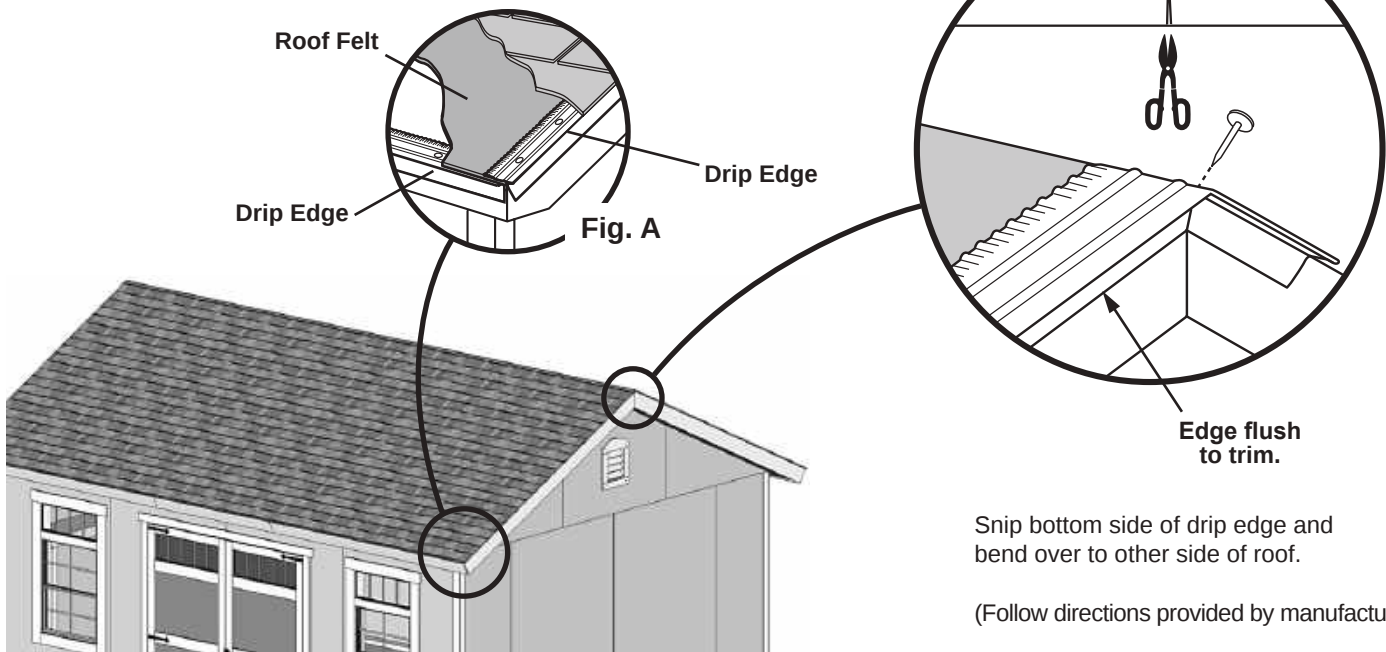
- Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.



DRIP EDGE - NOT INCLUDED -

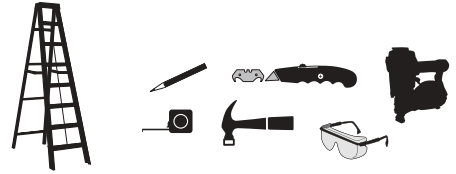


- Install drip edge over roof felt on gable side and under roof felt on eave side (**Fig. A**).
- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.

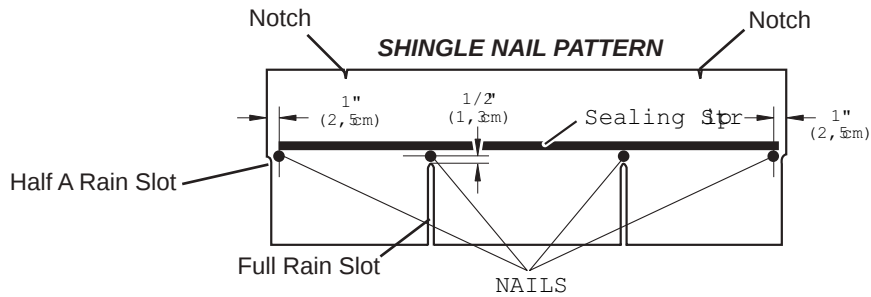


SHINGLES - NOT INCLUDED -

- Follow directions provided by manufacturer and these instructions.



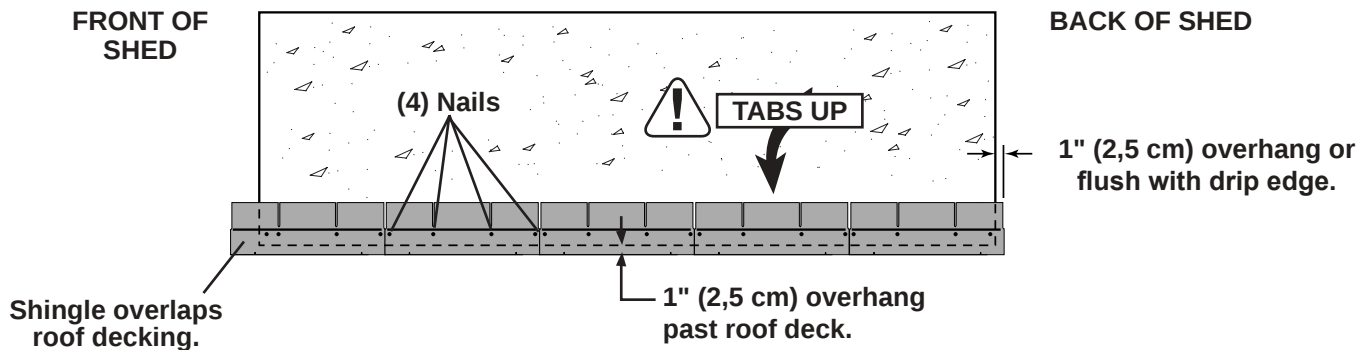
- ⚠️ Familiarize yourself with a 3-Tab Shingle.



- ⚠️ NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

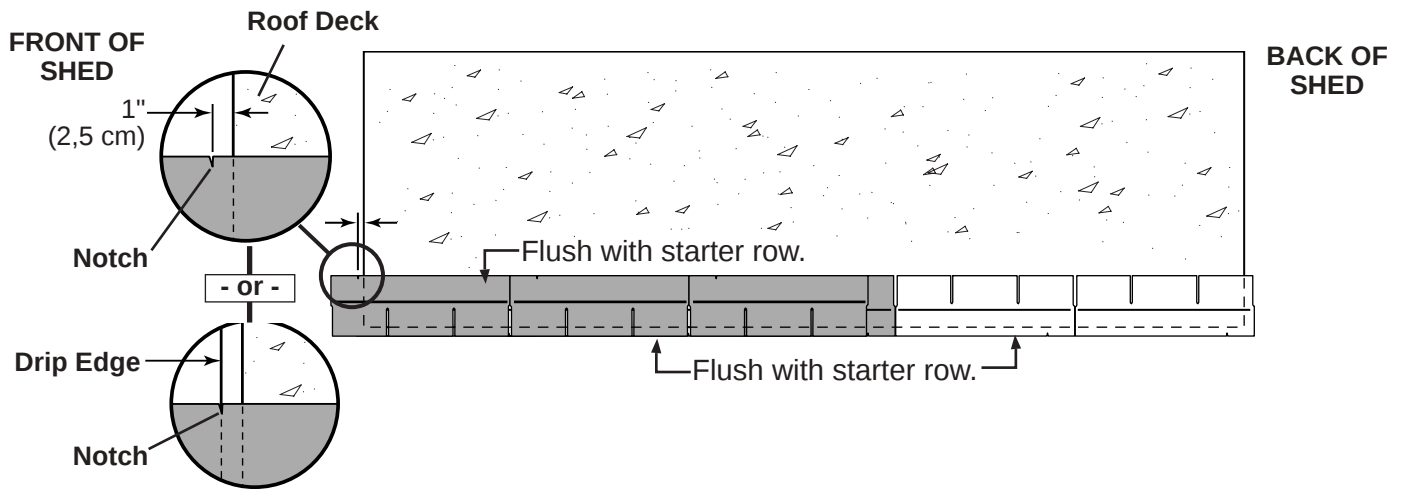
✓ BEGIN

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

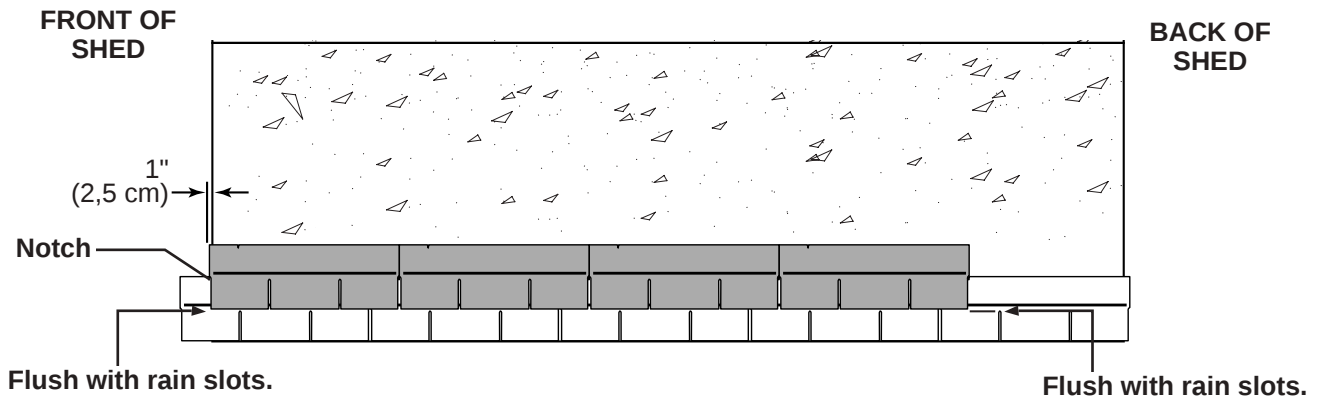


SHINGLES continued...

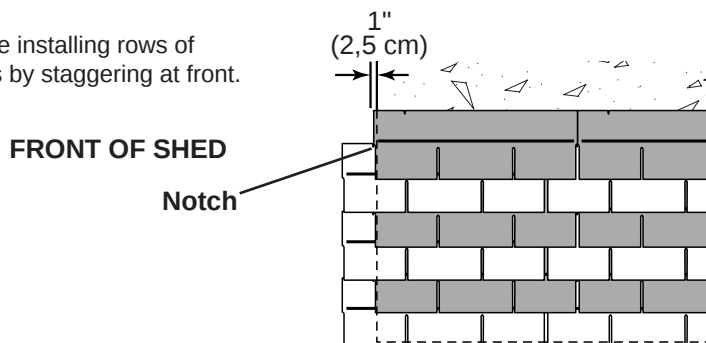
- 2 Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



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

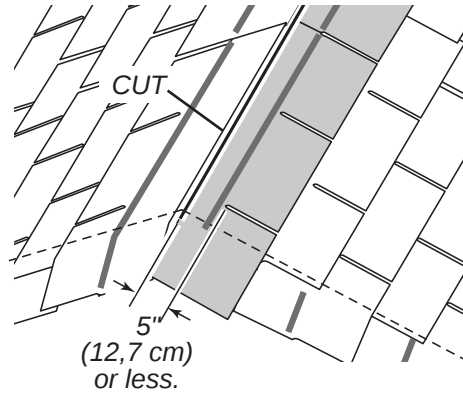
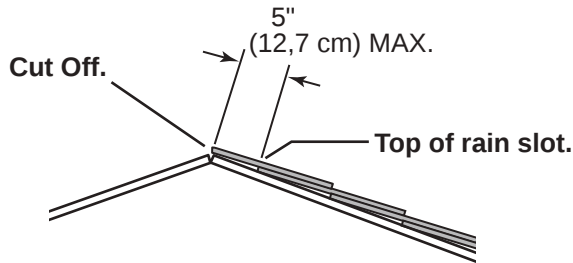


- 4 Continue installing rows of shingles by staggering at front.



SHINGLES continued...

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

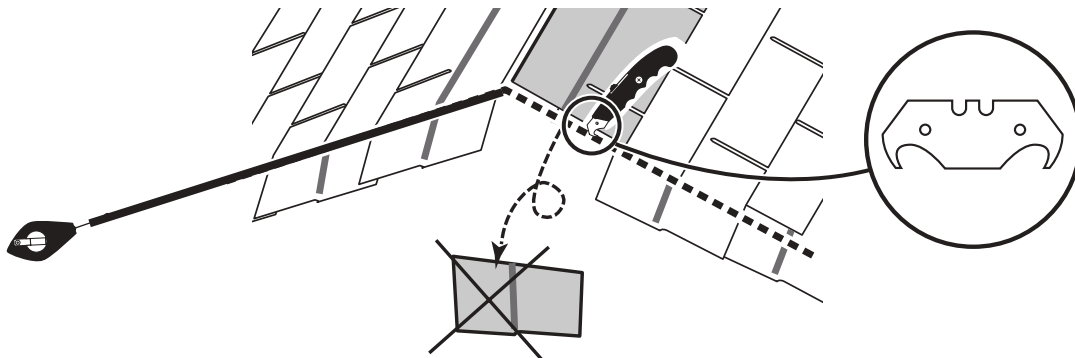


- !** • If more than 5" to rain slot you must install another row of shingles.

- 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.

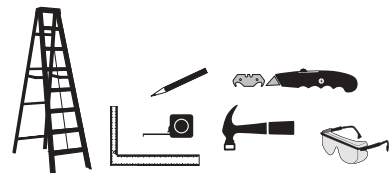


You have finished shingling your roof. Proceed to capping the ridge.

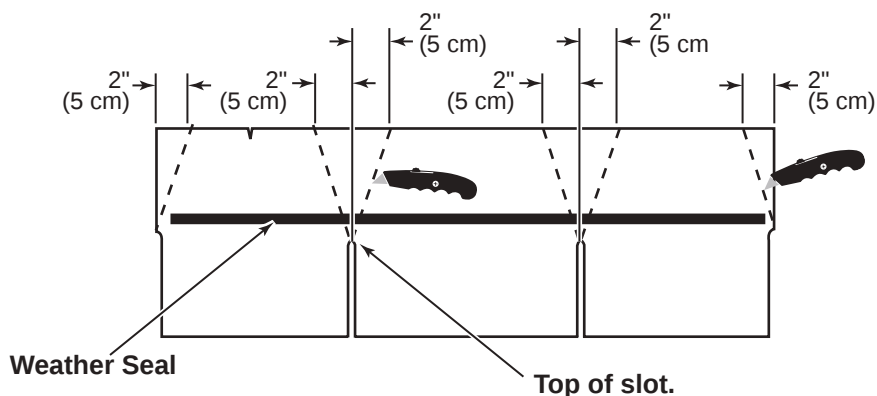
SHINGLES - RIDGE CAP

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

✓ **BEGIN**



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



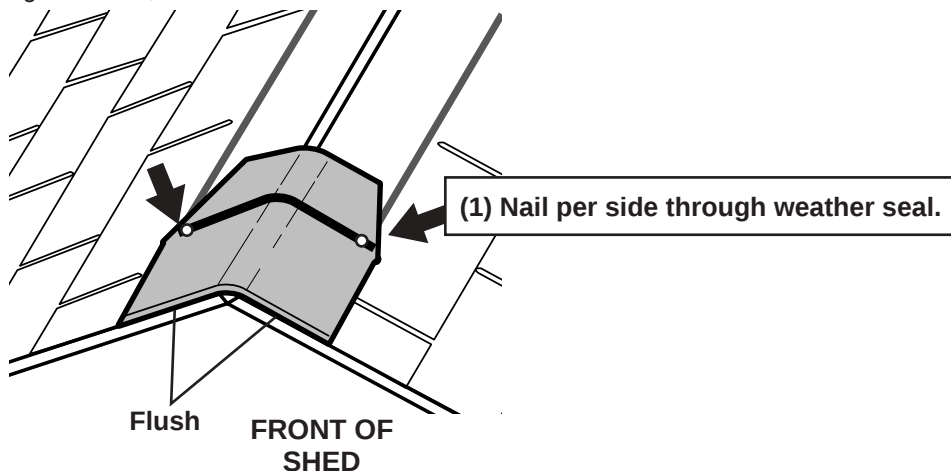
Score shingle, then snap-off angled cut.

Note: • You will need about 33 - 44 cut pieces.

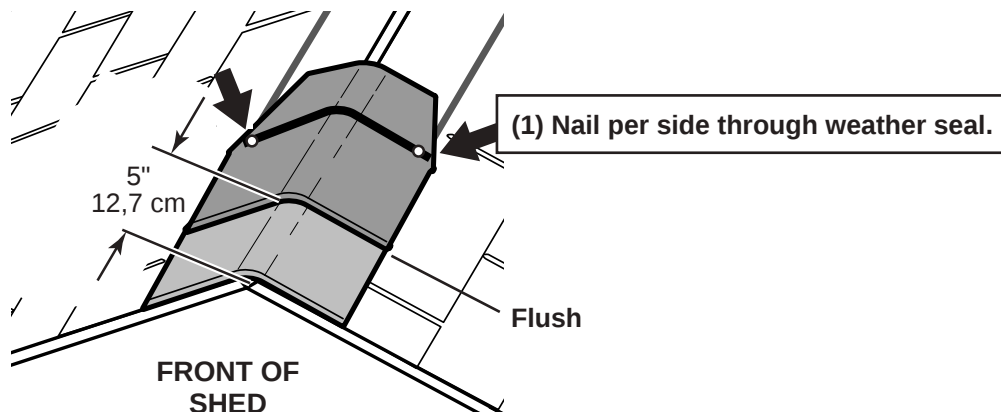
12'x16'

42 to 44
Pieces

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

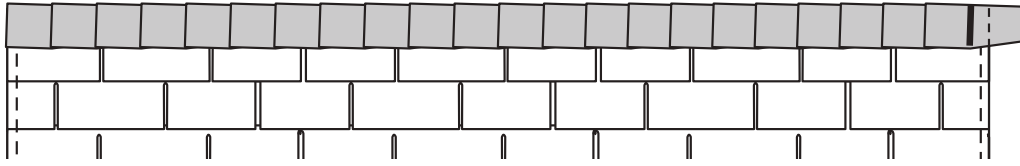


- 3** Install second ridge cap 5" back, as shown.

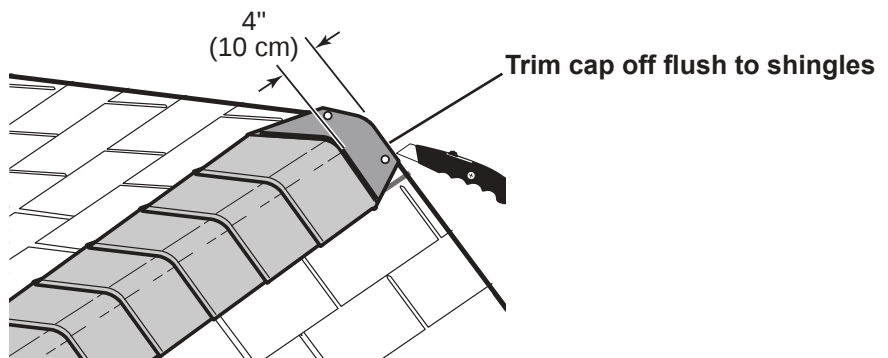


SHINGLES - RIDGE CAP continued...

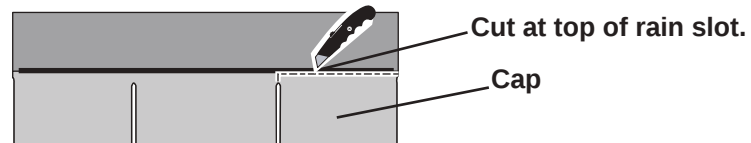
- 4 Continue installing ridge cap to back of roof.



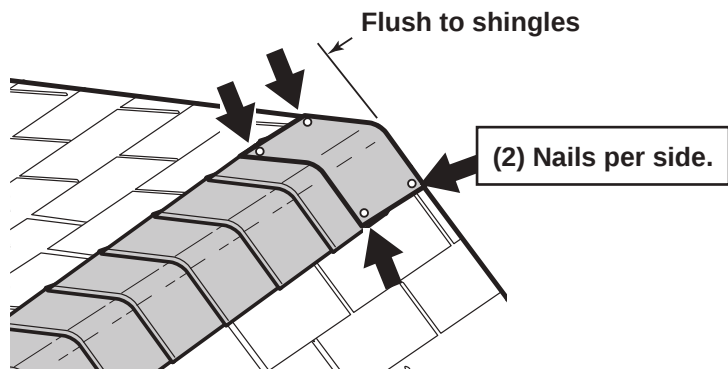
- 5 Make sure there is 4" between the shingle-color and edge of shingles.



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



- 7 Install flush to shingles.



You have finished your ridge cap.

16265 12' x 16' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	RAW ITEM #	RAW DESCRIPTION	BUILDING QTY.	PART ID
2 X 3	Shelf Support	2 X 3 X 10" SUPPORT	Q 1000000000	12120	LUM SPF 2X3X144 #2&BTR	7	AC
	Horizontal Window Framing - Middle	2 X 3 X 22 1/2" CONNECTOR	L 2208000000	12120	LUM SPF 2X3X144 #2&BTR	2	LV
2 X 4	Overhang Blocking & Gable Framing	2 X 4 X 4-7/8" OVERHANG BLOCK	O 0414000000	12310	LUM SPF 2X4X120 #2&BTR	12	CLA
	Sidewall Top & Bottom Plate "A"	2 X 4 X 92 1/2"	O 9208000000	12311	2 X 4 X 16" STUD SPF K/D #2	8	TJ
	Sidewall Top & Bottom Plate "B"	2 X 4 X 44 1/2" PLATE	O 4408000000	12414	LUM SPF 2X4X144 #2&BTR	4	STL
	Rake Framing	2 X 4 X 88-11/16" 26.5" O/E R	O 88112605000	12311	2 X 4 X 16" STUD SPF K/D #2	8	KFB
	Rafters	2 X 4 X 88-11/16" 26.5" O/E BIRD	O 88112605000	12311	2 X 4 X 16" STUD SPF K/D #2	18	DNB
	Wall Studs	2 X 4 X 78 1/2"	O 7808000000	12309	LUM SPF 2X4X168 #2&BTR	33	AI
	Door Studs / Sidewall Top Plate	2 X 4 X 68-1/2"	O 6808000000	12414	LUM SPF 2X4X144 #2&BTR	2	YFA
	Over Door Cripple	2 X 4 X 6 1/2" OVER DOOR	O 0608000000	12310	LUM SPF 2X4X120 #2&BTR	3	UY
	Front/Back Wall Plates / Doubler "A"	LUM SPF 2X4X96 #2&BTR	12306	12306	LUM SPF 2X4X96 #2&BTR	13	TP
	Sidewall Doubler "B"	2X4X48" DOUBLER/ PLATE/ CRATE	O 4800000000	12310	LUM SPF 2X4X120 #2&BTR	11	SP
	Door Header	2 X 4 X 6"	O 6700000000	12414	LUM SPF 2X4X144 #2&BTR	2	AM
	Gable Connector	2 X 4 X 23-1/4" @ 26.5" GABLE	O 23042605000	12414	LUM SPF 2X4X144 #2&BTR	4	UV
	Horizontal Window Framing	2 X 4 X 22 1/2"	O 2208000000	12310	LUM SPF 2X4X120 #2&BTR	4	AO
	Over Window Cripple	2 X 4 X 8-1/2" CRIPPLER	O 0808000000	12310	LUM SPF 2X4X120 #2&BTR	2	CPA
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 0500000000	14403	LUM SPF 1X3X96 SQ EDGE PET	1	GAA
1 X 4 PINE	Collar Tie	1 X 4 X 84" PINE TRIM	T 8400000000	14407	LUM SPF 1X4X96 SQ EDGE PET	3	WTA
	Shelf Fascia "A"	LUM SPF 1X4X96 SQ EDGE PET	14407	14407	LUM SPF 1X4X96 SQ EDGE PET	1	KP
	Shelf Fascia "B"	1 X 4 X 48 PET	T 4800000000	14407	LUM SPF 1X4X96 SQ EDGE PET	1	WJ
7/16 OSB	Roof Panel "A" / Loft Panel	OSB 7/16" x 4' x 8'	11110	11110	OSB 7/16" x 4' x 8'	5	---
	Roof Panel "B"	7/16" OSB 8-1/2" X 88-5/8" ROOF PANEL	C 88100808000	11110	OSB 7/16" x 4' x 8'	4	---
	Roof Panel "C"	7/16" X 40-5/8" X 96" ROOF PANEL	C 96004010000	11110	OSB 7/16" x 4' x 8'	2	---
	Roof Panel "E" / Loft Panel "B"	7/16" OSB 40-5/8" x 48" ROOF	C 48004010000	11110	OSB 7/16" x 4' x 8'	5	---
	Door Header Filler	7/16" OSB 3 1/4" X 66 3/4" HEADER	C 66120304000	11110	OSB 7/16" x 4' x 8'	1	---
	Shelf Panel "A"	7/16" OSB 11 7/8" X 96"	C 96001114000	11110	OSB 7/16" x 4' x 8'	1	---
	Shelf Panel "B"	7/16" OSB 11 7/8" X 48"	C 48001114000	11110	OSB 7/16" x 4' x 8'	1	---
	Shelf Bracket	EZ 8" 8" X 12 1/2" PRECUT for	J 120808000PP	11110	OSB 7/16" x 4' x 8'	7	---
GUSSETS	Gusset	EZ 8" 6" X 24" GUSSET 28"	J 24000600280	11535	SIDING 8" OC 3/8X4X8'	16	---
NO GROOVE SIDING	Door Panel	3/8" NGx31-3/8" x 71-1/2"	K 7108310600R	11507	SIDING NGSE 3/8X4X7'	2	---
	Wall panel at Door - RIGHT	3/8"NG RT PANEL@DOOR (33445,	K 84004800510	11507	SIDING NGSE 3/8X4X7'	1	---
	Wall panel at Door - LEFT	3/8"NG LT PANEL@DOOR (33445,	K 84004800520	11507	SIDING NGSE 3/8X4X7'	1	---
	Front Sidewall Panel	NG 23 7/8" X 84" WALL PANEL	K 84002314000	11507	SIDING NGSE 3/8X4X7'	2	---
	Backwall & Sidewall Panel	SIDING NGSE 3/8X4X7'	11507	11507	SIDING NGSE 3/8X4X7'	9	---
	Window Wall - Right	3/8"NG RGT WINDOW WALL PANEL	K 84004800131	11507	SIDING NGSE 3/8X4X7'	1	---
	Window Wall - Left	3/8"NG LFT WINDOW WALL PANEL	K 84004800231	11507	SIDING NGSE 3/8X4X7'	1	---
	Center Gable Panel w/ Hole	3/8" NG 28" X 39 15/16" X 48"	K 4800391504V	11504	SIDING NG 4X4'	2	---
	Gable Panels - RIGHT	3/8"NGx28"x 48"RT GABLE	K 48002800114	11504	SIDING NG 4X4'	2	---
	Gable Panels - LEFT	3/8"NGx 28"x 48"LT GABLE	K 48002800214	11504	SIDING NG 4X4'	2	---
	Gable Soffit	3/8" NG X 7-7/8" X 86-3/4"	K 86120714000	11508	SIDING NGSE 3/8X4X8'	4	---
	Eave Soffit "A"	3/8" NGx5-7/8" X 73"	K 7300514000	11501	SIDING NGSE 3/8X4X78"	4	---
	Eave Soffit "B"	3/8" NG 5-7/8" X 47-7/8"	K 47140514000	11508	SIDING NGSE 3/8X4X8'	2	---
	Eave Fascia "A"	3/8" NGx4-3/4" X 80-7/8"	K 80140412000	11507	SIDING NGSE 3/8X4X7'	4	---
	Eave Fascia "B"	3/8" NG 4-3/4" X 47-7/8"	K 47140412000	11508	SIDING NGSE 3/8X4X8'	2	---
	Gable Trim-RIGHT	3/8" NG 4-3/4" X 89-1/4" 26.5	K 89040412100	11508	SIDING NGSE 3/8X4X8'	2	---
	Gable Trim-LEFT	3/8" NG 4-3/4" X 89-1/4" 26.5	K 89040412200	11508	SIDING NGSE 3/8X4X8'	2	---
	Corner Trim Eave Side	3/8"NGx2-1/2"x 81-7/8" TRIM	K 81140208000	11507	SIDING NGSE 3/8X4X7'	4	---
	Corner Trim Gable Side	3/8" NG 2-1/2" X 82-1/2"	K 82080208000	11507	SIDING NGSE 3/8X4X7'	4	---
19/32 X 3 SMART TRIM	Horizontal Door Rail - Top	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	11514	TRIM SMART 19/32X3"x16" AGRADE	2	AH
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	11514	TRIM SMART 19/32X3"x16" AGRADE	4	GJ
	Door Trim Hinge/Over Door	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	11514	TRIM SMART 19/32X3"x16" AGRADE	3	ZY
	Horizontal Window Trim - Middle	19/32 TST 2 1/2" X 22-1/2"	UT22080208000	11514	TRIM SMART 19/32X3"x16" AGRADE	2	QOD
19/32 X 4 SMART TRIM	Horizontal Door Rail - Bottom	19/32 TST 3 1/2" X 26 5/8"	UT26100308000	11515	TRIM SMART 19/32X4"x16" AGRADE	6	NQA
	Horizontal Window Trim - Bottom	19/32 TST 3 1/2" X 22-1/2" HO	UT22080308000	11515	TRIM SMART 19/32X4"x16" AGRADE	2	JOB
	Horizontal Window Trim - Top	19/32 TST 3 1/2" X 31"	UT31000308000	11515	TRIM SMART 19/32X4"x16" AGRADE	2	KRB
	Vertical Window Trim	19/32 TST 3 1/2" X 45-1/8"	UT45020308000	11515	TRIM SMART 19/32X4"x16" AGRADE	4	PAK
	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	12715	LSL 1-1/4 X 2-1/4 X 69 PET	2	OO
	Hinge	HINGE PIANO 1 3/4"x71"GALV	15257	15257	HINGE PIANO 1 3/4"x71"GALV	2	---
	Hinge Screws	SCREW #6-8 X 1" DEEP THREAD	15146	15146	SCREW #6-8 X 1" DEEP THREAD	48	---
	Vents- Exterior White	VENT 8X10, APL# CV12X18W-PE, A	15021	15021	VENT 8X10, APL# CV12X18W-PE, A	2	---
	Threshold	THRESHOLD 7/8" X 1-1/2" X 63-7/8	15420	15420	THRESHOLD 7/8" X 1-1/2" X 63-7/8	1	---
	T&D Handle	HANDLE - T 4" SHAFT & "D"	15375	15375	HANDLE - T 4" SHAFT & "D"	1	---
	Faux Hinges (Bag of 4)	HINGE (FAUX) w/ SCREWS (4 HING	15246	15246	HINGE (FAUX) w/ SCREWS (4 HING	1	---
	Transoms For Doors	WINDOW 9 X 27 TRANSOM (SINGLE	15235	15235	WINDOW 9 X 27 TRANSOM (SINGLE	2	---
	Hardware Kit	H/K (33026) 10x12 GABLE	15783	15783	H/K (33026) 10x12 GABLE	1	---
	Spring Bolt	SPRING BOLT, 1.63 TRAVEL, W/SCREWS	15129	15129	SPRING BOLT, 1.63 TRAVEL, W/SCREWS	2	---
	Faux Hinges (Bag of 2)	HINGE (FAUX) w/ SCREWS (2 HING	15263	15263	HINGE (FAUX) w/ SCREWS (2 HING	1	---
	Hardware Kit	H/K (33707) 10x16 Bellingham	15734	15734	H/K (33707) 10x16 Bellingham	1	---
	Large Square Window	WINDOW 22 1/4" X 29 3/4" LG SQ	15281	15281	WINDOW 22 1/4" X 29 3/4" LG SQ	2	---
	Over Window Transom	WINDOW 9X25 TRANSOM (SINGLE) 2	15437	15437	WINDOW 9X25 TRANSOM (SINGLE) 2	2	---
	Nails	NAIL 6D 2" BOX HDG BOX	15105	15105	NAIL 6D 2" BOX HDG BOX	7	---
	Nails	NAIL 10D 3" BOX HDG BOX	15109	15109	NAIL 10D 3" BOX HDG BOX	4	---
PACKAGING	Instructions		16265	Instructions		1	---
Right Door Assembly	30159-R						
	Door Panel	3/8" NGx31-3/8" x 71-1/2"	K 7108310600R	11507	SIDING NGSE 3/8X4X7'	1	---
	Left Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	30121-TT	HINGE RIGHT (RED) 19/32x3 THIN TRIM	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	11514	TRIM SMART 19/32X3"x16" AGRADE	2	GY
	Horizontal Door Rail - Top	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	11514	TRIM SMART 19/32X3"x16" AGRADE	1	AH
	Horizontal Door Rail - Bottom	19/32 TST 3 1/2" X 26 5/8"	UT26100308000	11515	TRIM SMART 19/32X4"x16" AGRADE	1	NQA
Left Door Assembly	30159-L						
	Door Panel	3/8" NGx31-3/8" x 71-1/2"	K 7108310600R	11507	SIDING NGSE 3/8X4X7'	1	---
	Left Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	30131-TT	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	1	---
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	11514	TRIM SMART 19/32X3"x16" AGRADE	2	GY
	Horizontal Door Rail - Top	19/32 TST 2 1/2" X 26 5/8"	UT26100208000	11514	TRIM SMART 19/32X3"x16" AGRADE	1	AH
	Horizontal Door Rail - Bottom	19/32 TST 3 1/2" X 26 5/8"	UT26100308000	11515	TRIM SMART 19/32X4"x16" AGRADE	1	NQA
Floor Framing Treated	Bond Board "A"	LUM TRTD 2 X 4 X 48 #2&BTR	P 48000000000	P 48000000000	LUM TRTD 2 X 4 X 48 #2&BTR	4	
	Bond Board "B"	LUM TRTD 2 X 4 X 93 #2&BTR	P 93000000000	P 93000000000	LUM TRTD 2 X 4 X 93 #2&BTR	20	
	Joist "A"	LUM TRTD 2 X 4 X 96 #2&BTR	P 96000000000	P 96000000000	LUM TRTD 2 X 4 X 96 #2&BTR	4	
5/8" OSB	Floor Panel "A"	OSB 5/8" X 4' X 8'	11117	11117	OSB 5/8" X 4' X 8'	6	

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