

16865-A



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- Technical assistance and how-to videos
- Submit a help request
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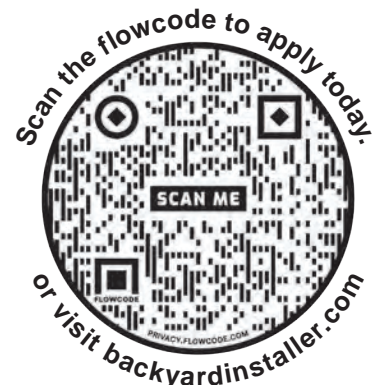
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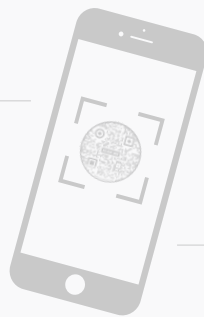
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1

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2

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'write a review'

3

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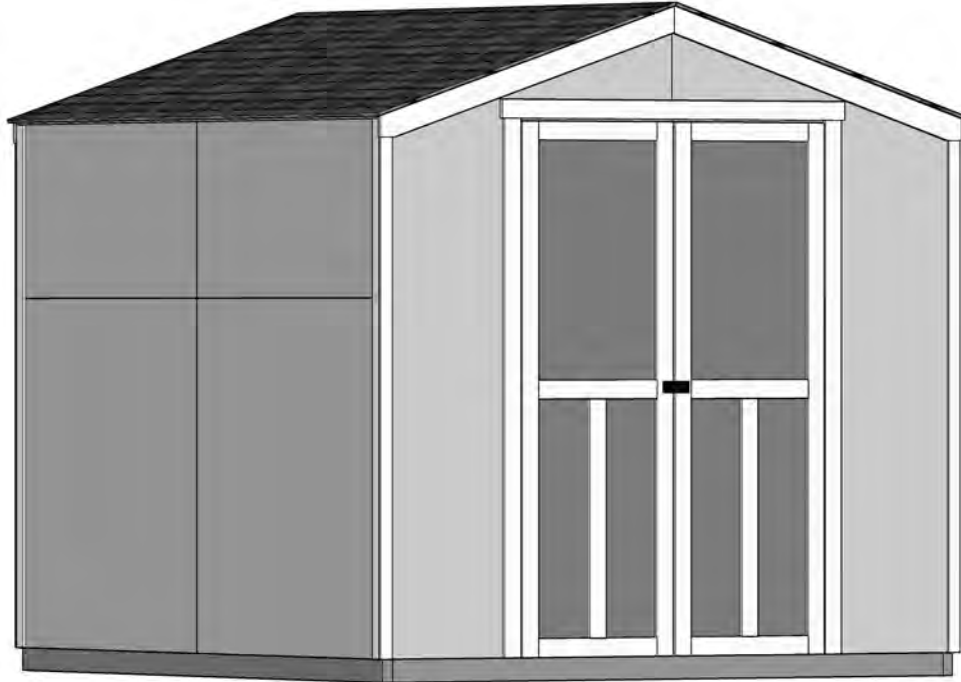
4

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GABLE 7-1/2' x 8' (228,6 x 243,8 cm)

ACTUAL FLOOR SIZE IS 90" x 96" (228,6 x 243,8 cm)

KEEP THIS MANUAL FOR FUTURE REFERENCE**⚠ IMPORTANT! ⚠****READ INSTRUCTIONS THOROUGHLY PRIOR TO BEGINNING ASSEMBLY.****BEFORE YOU BEGIN****• BUILDING RESTRICTIONS AND APPROVALS**

Be sure to check 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 10.

• CHECK ALL PARTS

Inventory all parts listed on pages 4-6.

• ADDITIONAL MATERIALS


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

*****CONTACT OUR CUSTOMER SERVICE TEAM
IF ANY PARTS ARE MISSING OR DAMAGED*******- Order form and warranty at back of manual -****Call: 1-734-242-6900 email: customerservice@backyardproducts.com**

TOOLS

Required


Phillips Screwdriver 

Drill / Driver 
 1/4" Drill Bit
 3/8" 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 

Ladder 


Optional

Tool Belt/
Nail Pouch 

Tin Snips
(for drip edge) 

Pliers 

Chalk Line 


Nail Gun
• gun nails 


Gloves 


Safety! Always use approved safety glasses during assembly.


HELPFUL REMINDER SYMBOLS

Look for these symbols for helpful reminders throughout this manual.

 = Assistance Required; two or more people.


 = Ensure squareness.

 = Important required step or operation.

 = Helpful assembly hint.

 = Mark part with pencil.

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

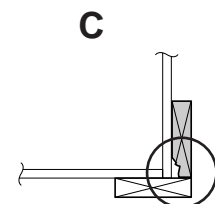
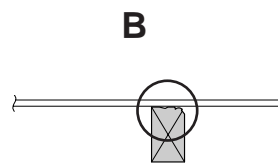
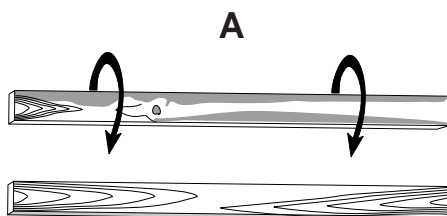
 **FINISH** = You have finished the assembly or installation.

 = Level

ORIENT LUMBER AND TRIM FOR BEST APPEARANCE

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

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



ADDITIONAL MATERIALS

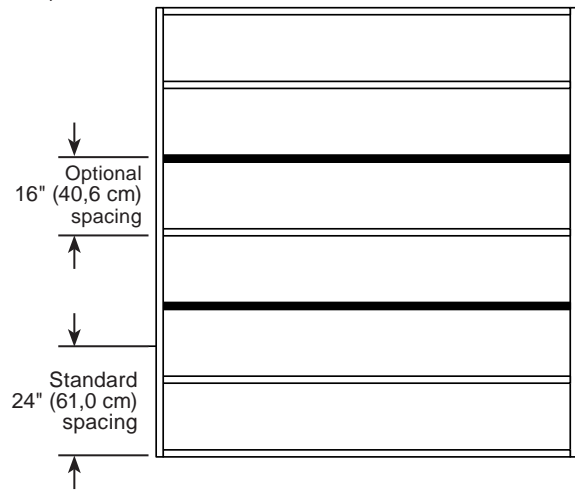
FOUNDATION OR FLOOR MATERIALS

- If your purchase comes with a floor, see page 10 before start of floor installation.
- See the FLOOR LEVELING section on page 10 for recommended methods and suggested materials to properly level your floor, as this will vary depending on your specific site.
- If you choose to your own floor, see page 9.
- If you choose to install your floor on a concrete slab, refer to page 7.

REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

- x2** 2 x 4 x 8' (5 x 10 x 243,8 cm) Treated Lumber
Cut to: 2 x 4 x 87" (5 x 10 x 221,0 cm)



COMPLETING YOUR SHED

You will need these additional materials:

- | | |
|---|---|
| <p><input type="checkbox"/> SHINGLES 4 Bundles</p> <p><input type="checkbox"/> PAINT FOR SIDING 2 Gallons
Use 100% acrylic latex exterior paint. (2) coats recommended.</p> <p><input type="checkbox"/> CAULK 2 Tubes
Use acrylic latex exterior caulk that is paintable. </p> | <p><input type="checkbox"/> DRIP EDGE 40 Feet</p> <p><input type="checkbox"/> 1" GALVANIZED ROOFING NAILS 2 Lbs
For shingles.</p> <p><input type="checkbox"/> PAINT FOR TRIM / DOORS 2 Quarts
Use 100% acrylic latex exterior paint.</p> <p><input type="checkbox"/> #15 ROOFING FELT
To cover 76 Sq. Ft. of roof area.</p> |
|---|---|

FRAMING NAILS

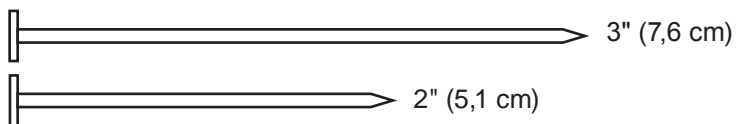
Boxed Nails - Or - Nail Gun Strip/Coil Nails

x1 lbs.

x225

x1 lbs.

x50



PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.



Check these locations for part stamp.

Treated lumber is stamped:

TREATED

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

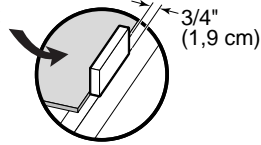
PARTS LIST



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

WALL FRAMING

- 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
- x2 **VAN** 2 x 3 x 9-3/4" (5,1 x 7,6 x 24,8 cm)
- x2 **TKC** 2 x 3 x 20" (5,1 x 7,6 x 50,8 cm)
- x1 **BJD** 2 x 3 x 21" (5,1 x 7,6 x 53,3 cm)
- x3 **NB** 2 x 3 x 45-3/4" (5,1 x 7,6 x 116,2 cm)
- x6 **OOA** 2 x 3 x 69-1/4" (5,1 x 7,6 x 175,9 cm)
- x1 **WEA** 2 x 3 x 85" (5,1 x 7,6 x 215,9 cm)
- x2 **UAD** 2 x 3 x 90" (5,1 x 7,6 x 228,6 cm)
- x2 **PL** 2 x 3 x 93" (5,1 x 7,6 x 236,2 cm)
- x2 **XEM** Tapered Profile 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)



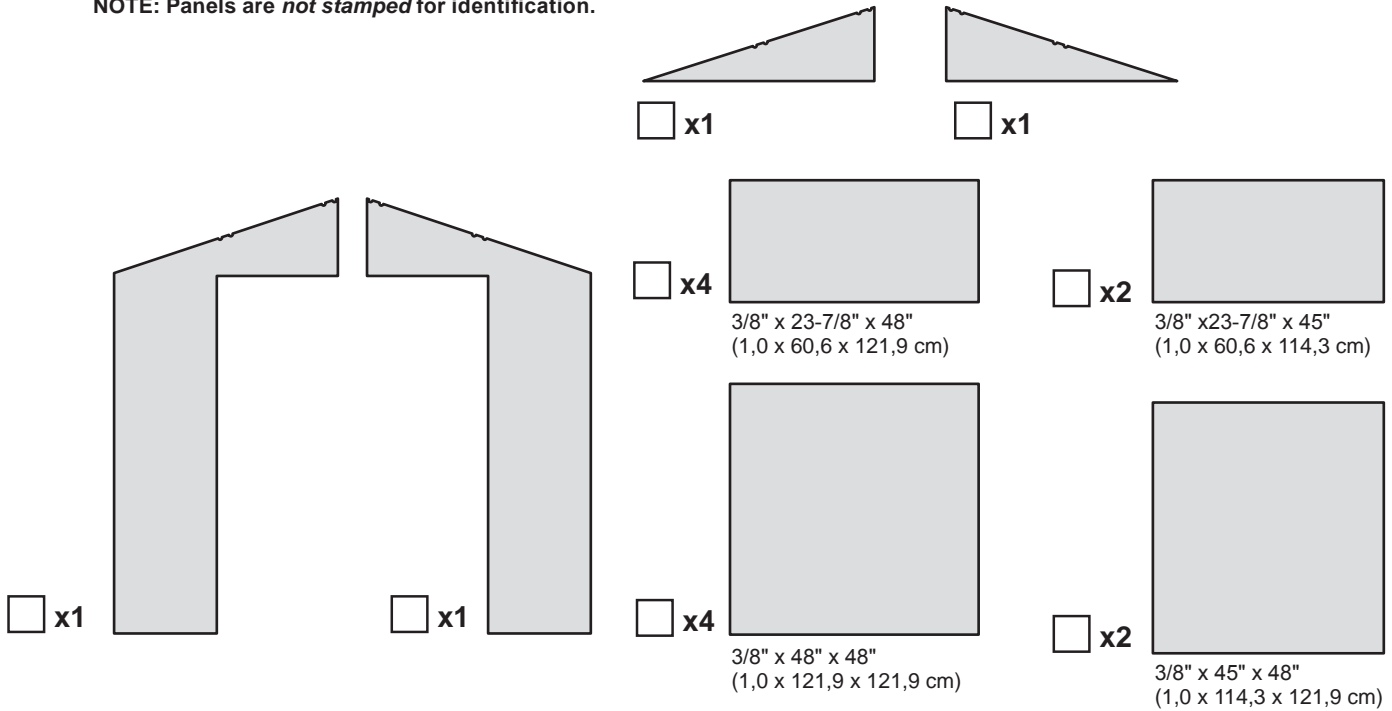
FLOOR MATERIALS (if floor kit is purchased)

NOTE: Panels are *not stamped* for identification. Floor panels are 5/8" (1,6 cm) thick.

- x5 **TREATED** 2 x 4 x 87" (5,1 x 10,2 x 221,02 cm)
- x2 **TREATED** 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)
- x2 5/8" x 48" x 90" (1,6 x 121,9 x 228,6 cm)

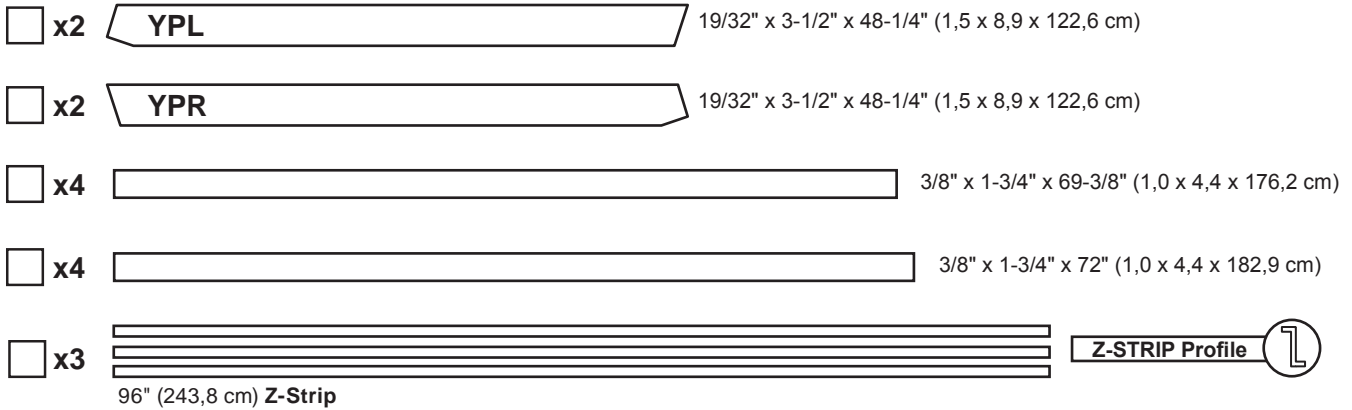
WALL PANELS

NOTE: Panels are *not stamped* for identification.

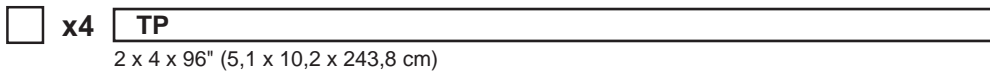


TRIM

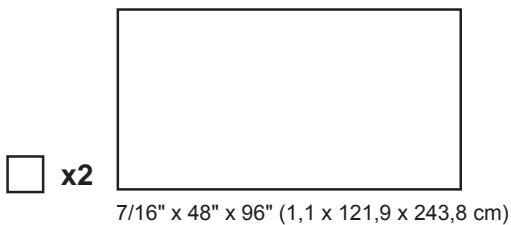
NOTE: Corner trim parts are *not stamped* for identification.



ROOF FRAMING & PANELS



NOTE: Panels are *not stamped* for identification.



DOORS

x2 **EGB**
19/32" x 2-1/2" x 18-5/8" (1,5 x 6,3 x 47,3 cm)

x2 **UWA**
19/32" x 2-1/2" x 32" (1,5 x 6,3 x 81,3 cm)

x1 **SHD**
19/32" x 2-1/2" x 54" (1,5 x 6,3 x 137,2 cm)

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

x1  x1 

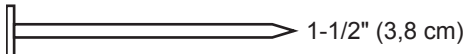
FASTENER / HARDWARE BAG

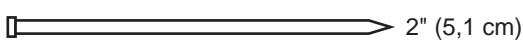
x105  3" (7,6 cm)

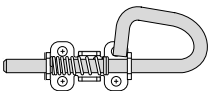
x24  2" (5,0 cm)

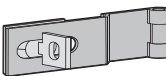
x2  1-1/4" (3,2 cm)

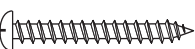
x65  3/4" (1,9 cm)

x375  1-1/2" (3,8 cm)

x110  2" (5,1 cm)


x2 

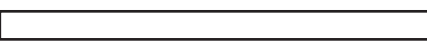
x1 

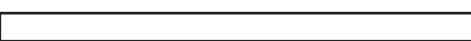
x8 
1" (2,5 cm)


MISC. PACKAGING MATERIALS

**NOTE: For packaging only. Not to be used in assembling your shed.
Packaging materials are not stamped for identification.**

x2 
3/8" x 2-7/8" x 23-7/8" (1,0 x 7,3 x 60,6 cm)

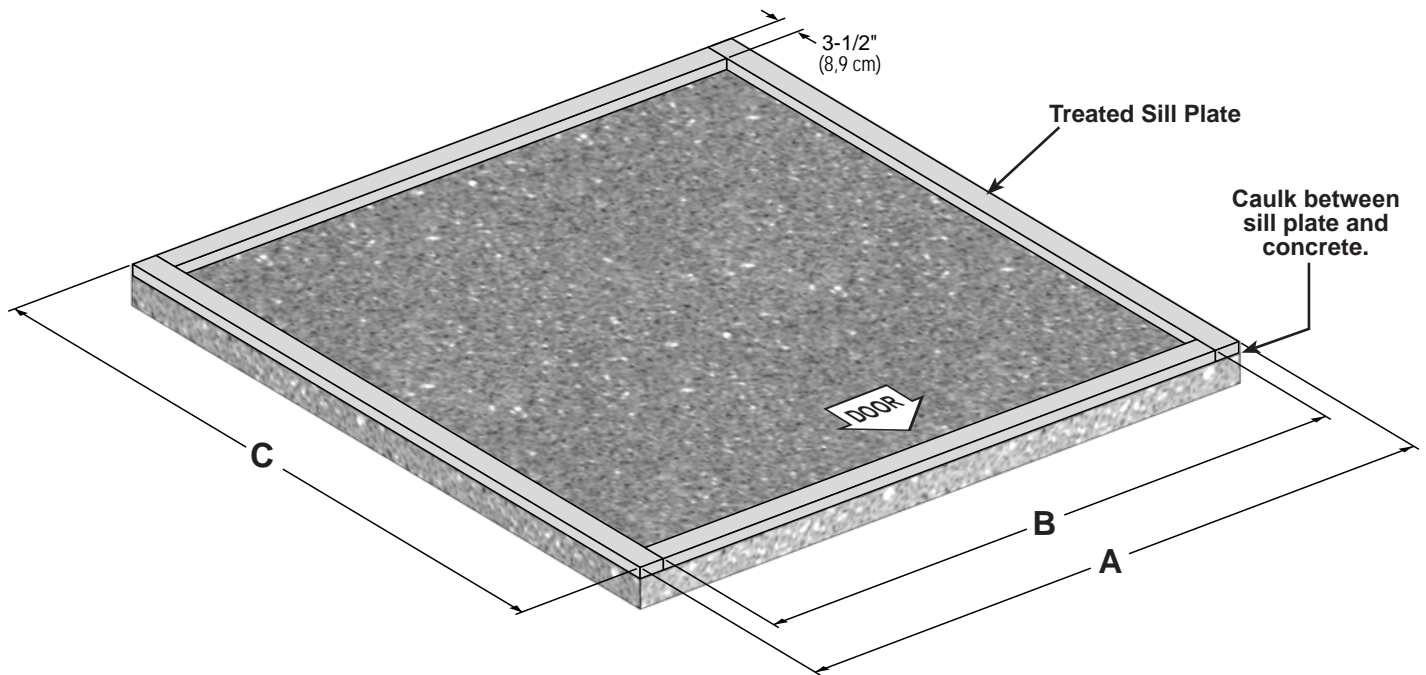
x2 
3/8" x 7 x 45" (1,0 x 17,8 x 114,3 cm)

x2 
3/8" x 2-7/8" x 48" (1,0 x 7,3 x 121,9 cm)

x2 
3/8" x 2-1/4" x 96" (1,0 x 5,7 x 243,8 cm)

CONCRETE FOUNDATION

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



Building Size	Actual Size	A	B	C
7-1/2' x 8' (228,6,8 cm x 243,8 cm)	90" x 96" (228,6,8 cm x 243,8 cm)	90" (228,6 cm)	83" (210,8 cm)	96" (243,8 cm)

Requires:

- x4 2 x 4 x 8' (5,1 x 10,2 x 243,8 cm) **MUST be treated lumber.**
Cut (2) down to: 2 x 4 x 83" (5,1 x 10,2 x 210,8 cm)
- x1 Caulk

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

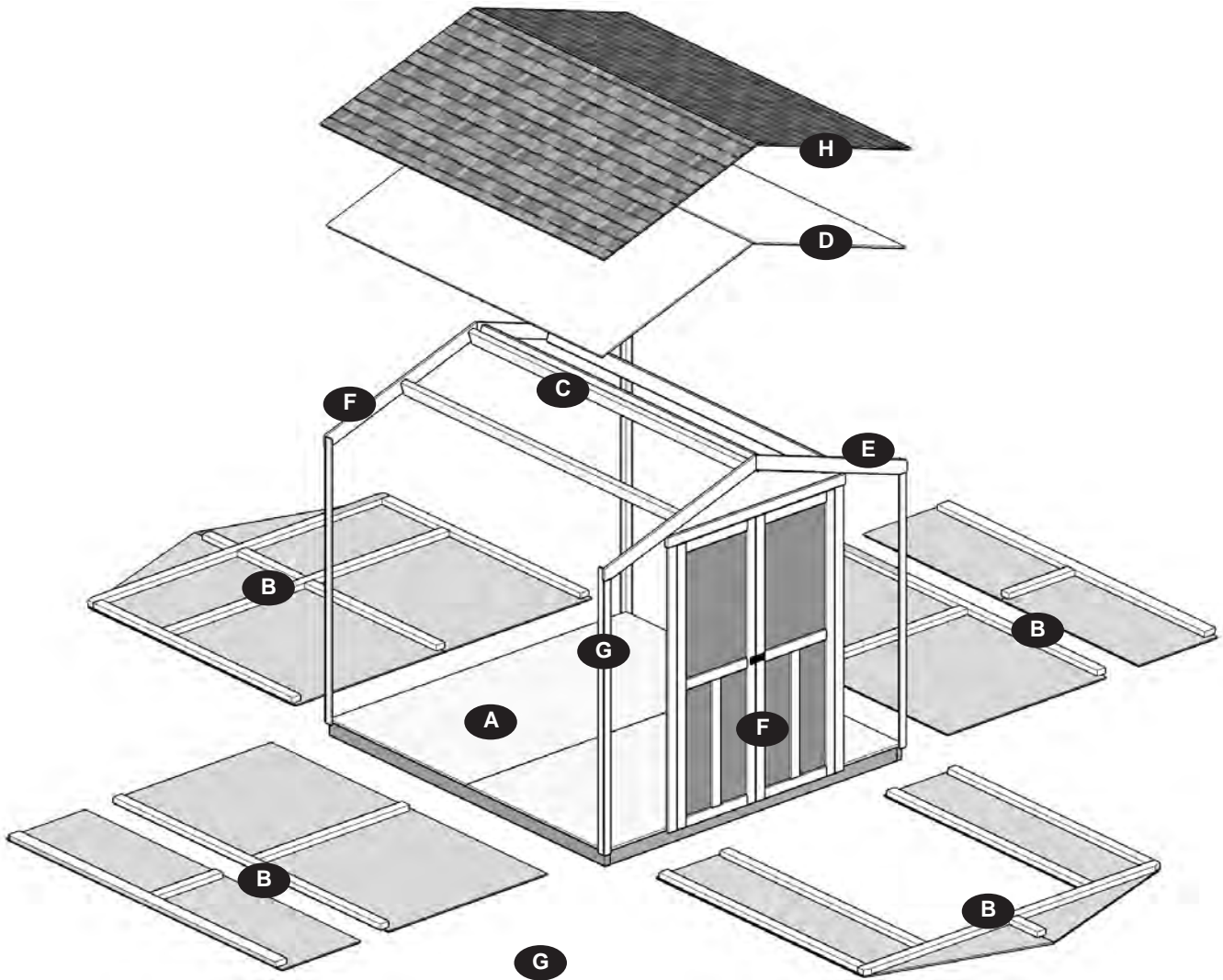
• A treated 2 x 4 (5,1 x 10,2 cm) sill plate is required when installing your shed on concrete.

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

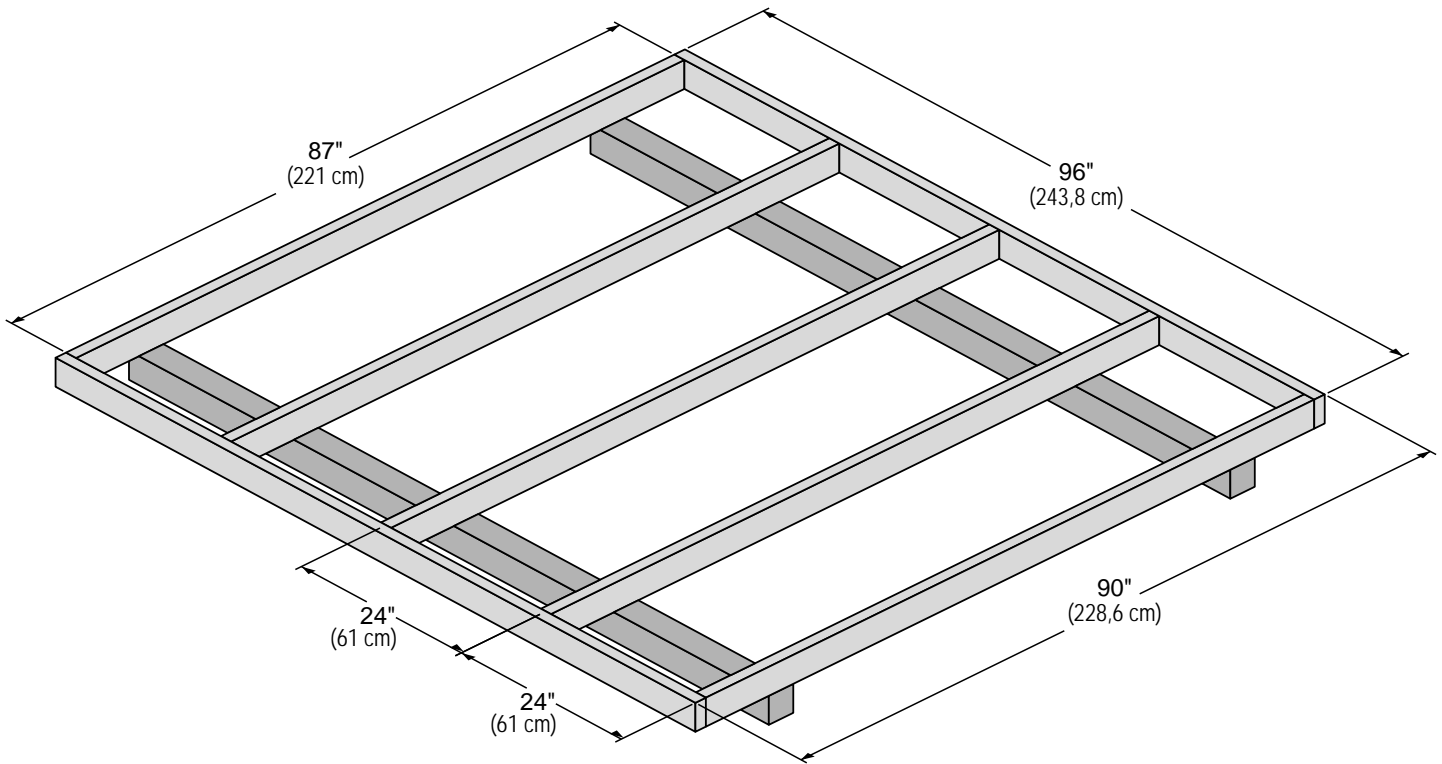
COMPONENT SECTION INDEX



Description	Section	Page
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Roof Framing	C	29
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BUILD YOUR OWN WOOD FLOOR OPTION

(Materials not included.)



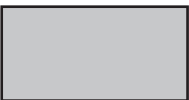
MATERIAL REQUIRED

x7 2 x 4 x 8' (5,1 x 10,2 x 365,8 cm)
Cut (5) to 2 x 4 x 87" (5,1 x 10,2 x 221,0 cm)

x2 4 x 4 x 8' (10,2 x 10,2 x 365,8 cm)



MUST be treated lumber

x2  5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)
Cut to 48" x 90" (5,1 x 121,9 x 228,6 cm)

x2  2" (5,1 cm) **1 lb. of 2" (5,1 cm) Hot Dipped Galvanized Box-Type Nails**

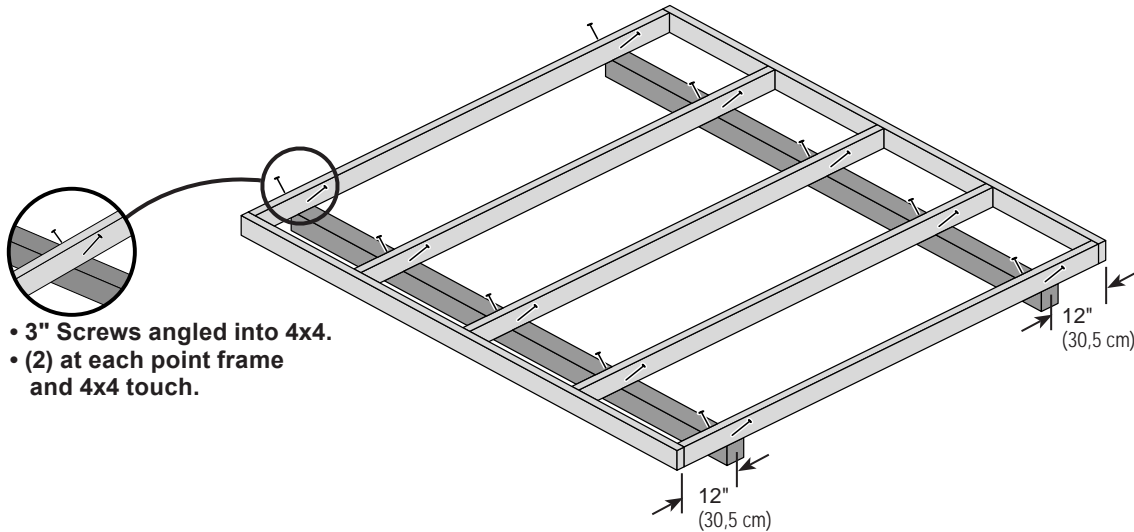
x20  3" (7,6 cm) **40 Nails - 3" (7,6 cm) Hot Dipped Galvanized Box-Type Nails**

x20  3" (7,6 cm) **Screws for Frame to 4"x 4"**
Minimum 3" screws / exterior grade.

OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

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

PREFERRED METHOD - 4 x 4 TREATED RUNNERS (Typical for 10' x 8' Kit)




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

! FLOOR FRAME NOT INCLUDED

MATERIAL REQUIRED

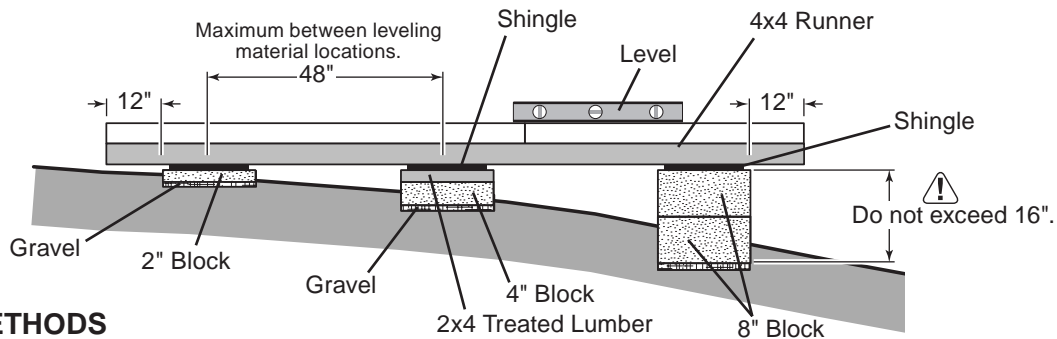
x2 4 x 4 x 8' (10,2 x 10,2 x 243,8 cm) Treated Lumber

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

x20  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.

CONCRETE

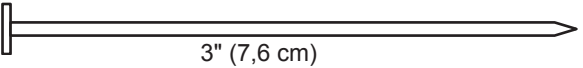
- If you are building your shed on a concrete foundation see page 7.

FLOOR FRAME (if floor kit is purchased)

PARTS REQUIRED:

- x5** TREATED
 2 x 4 x 87" (5,1 x 10,2 x 221,02 cm)
- x2** TREATED
 2 x 4 x 96" (5,1 x 10,2 x 243,8 cm)

Look for
TREATED
Stamp

x20  3" (7,6 cm)

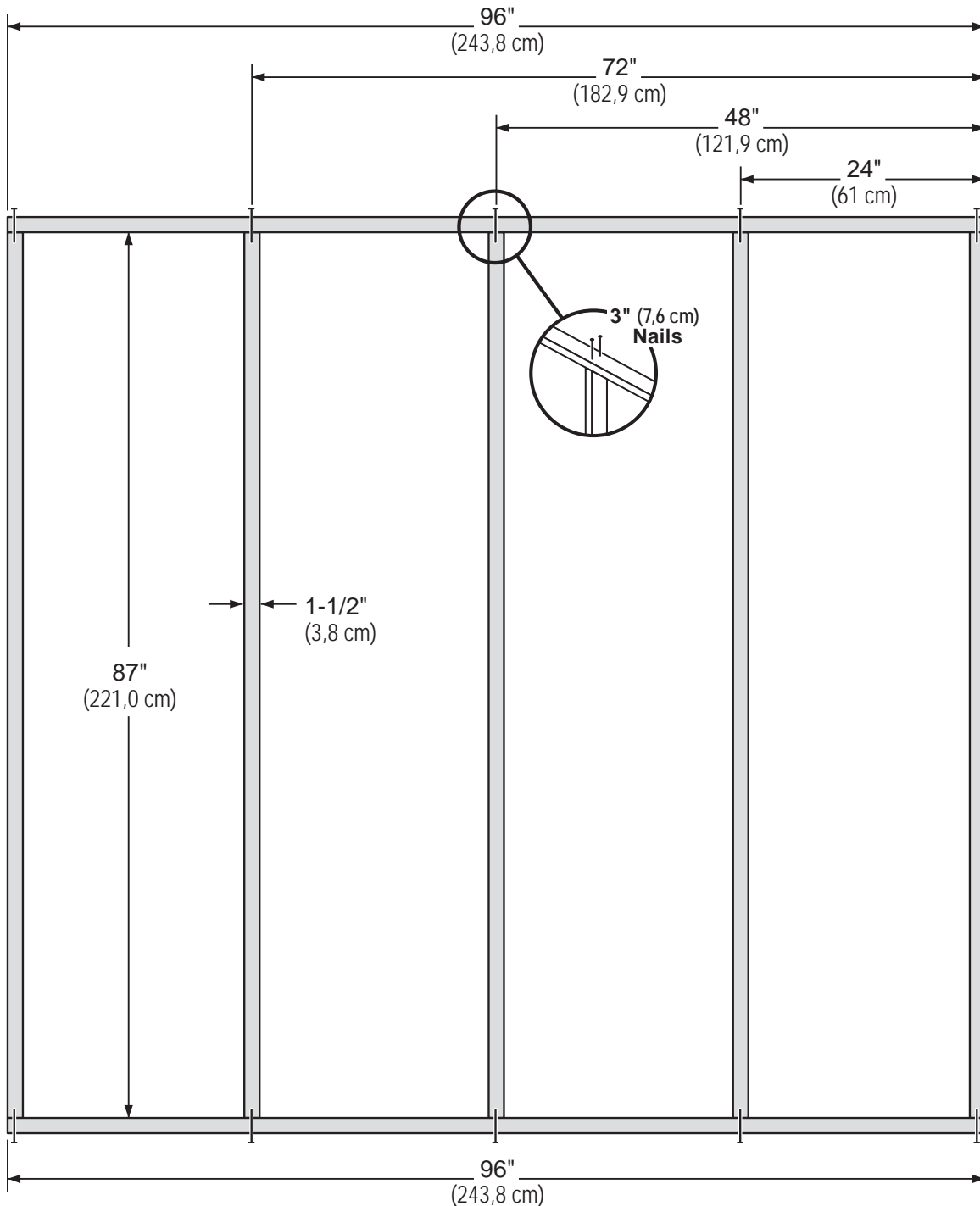
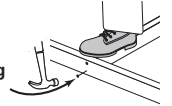


✓ BEGIN

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



HINT:
For easier nailing
stand on frame.



FINISH

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

STOP!



LEVEL AND SQUARE FLOOR FRAME

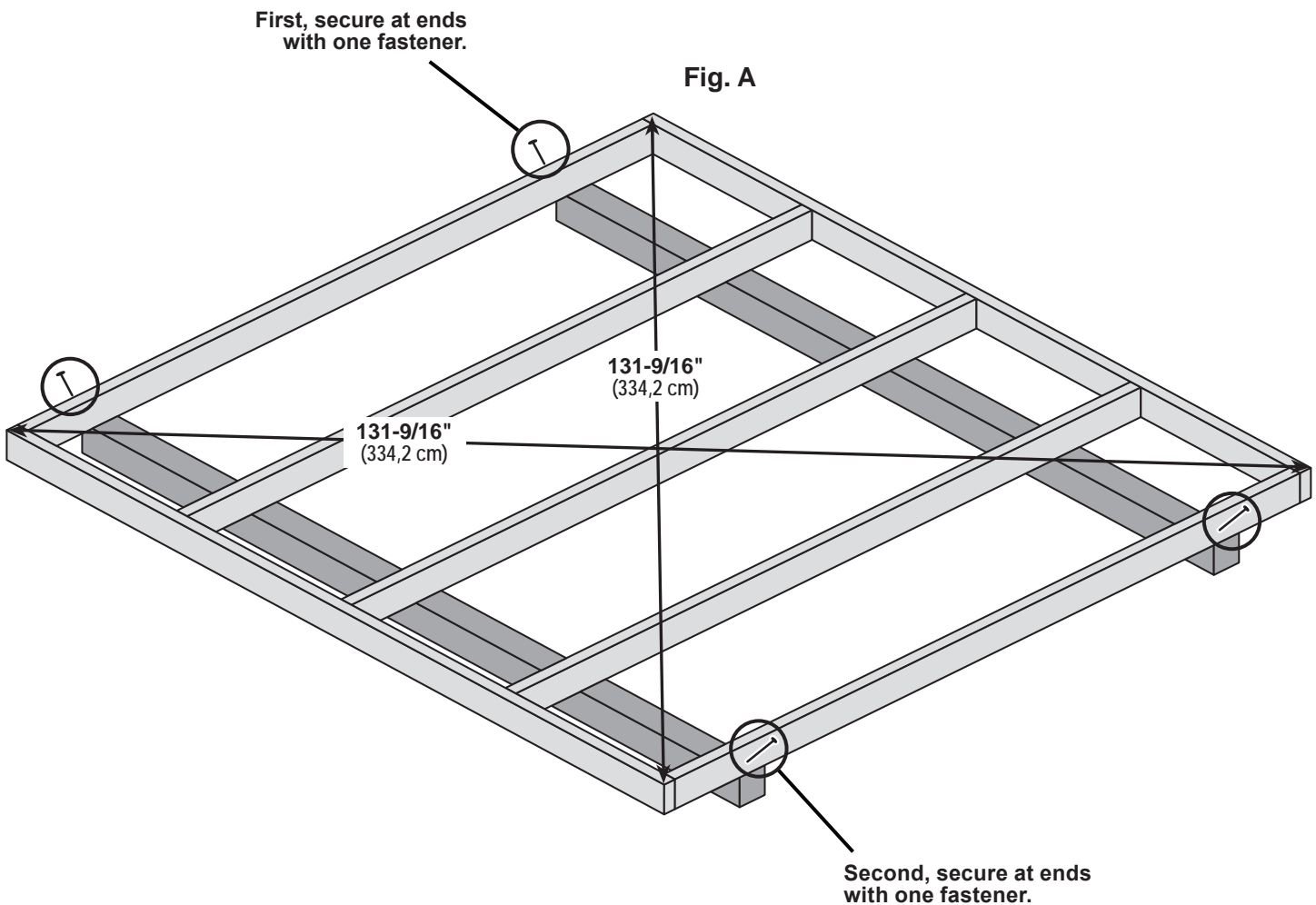


STOP!

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

✓ **BEGIN**

- 1 See page 10 for the preferred floor leveling method.
- 2 Use a level and check 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, the frame is square. The diagonal measurement will be approximately 131-9/16" (334,2 cm).
- 4 After the frame is level and square, secure one side of frame to 4x4 runners using one fastener at ends of each runner.
At the opposite end of the frame, secure the frame to 4x4 runners with one fastener at the ends of each runner, ensuring that the frame remains square (**Fig. A**).

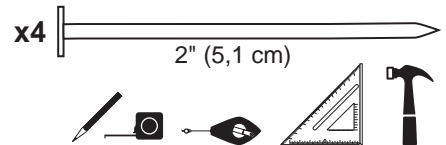
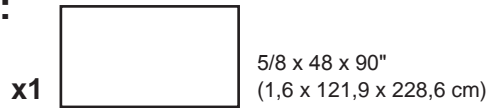


FINISH

Your floor frame is now square and level.

FLOOR PANELS (if floor kit is purchased)

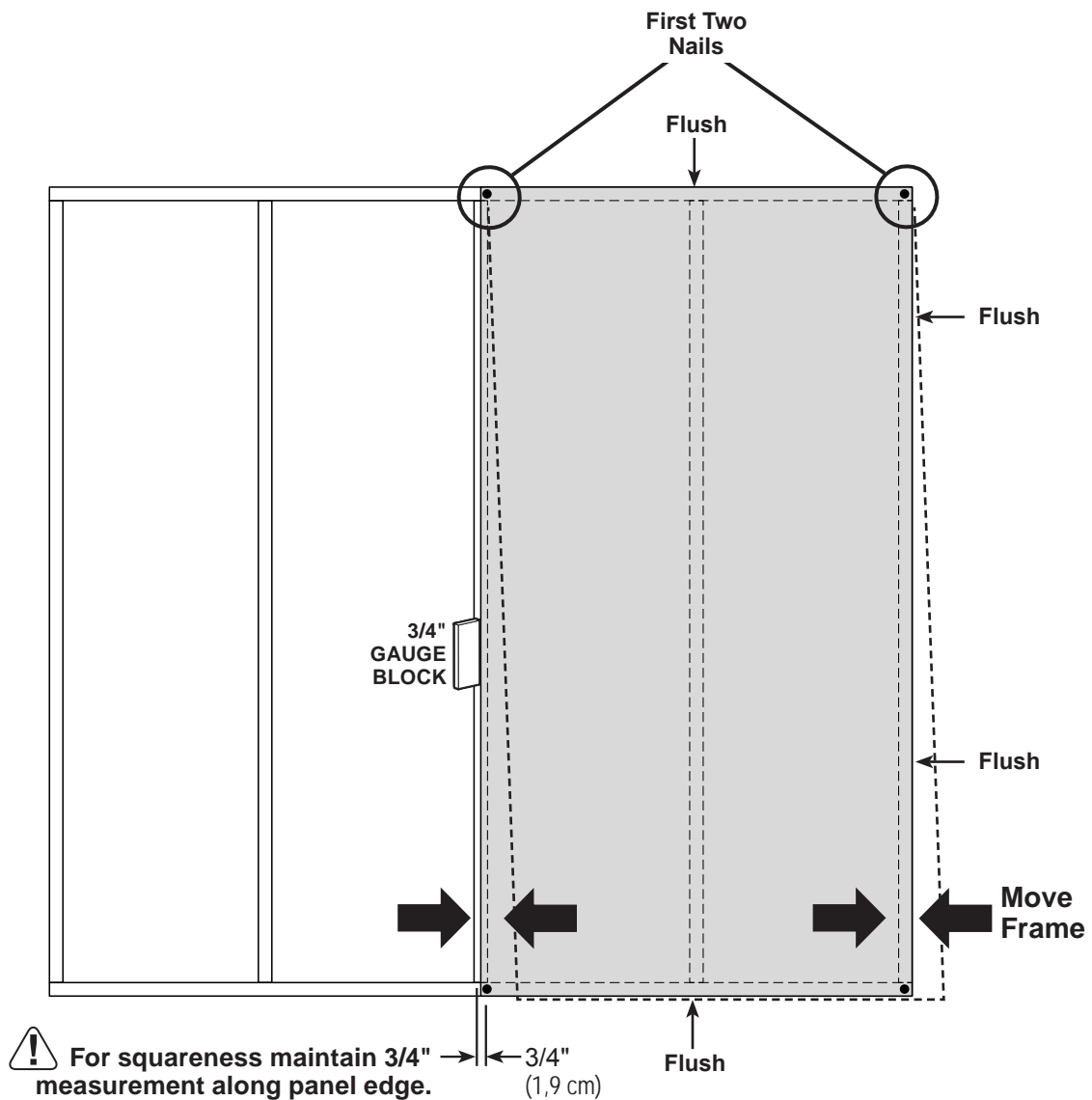
PARTS REQUIRED:



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

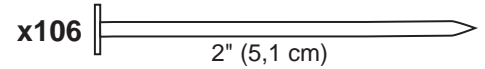
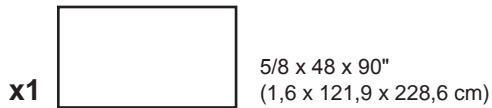
✓ BEGIN

- 1 Install (1) 48" x 90" panel on the floor frame, flush to the frame edges and 3/4" along the floor joist.
Use the GAA gauge block for the 3/4" measurement.
Secure panel with (1) 2" nail in the first two corners on the bond board, as shown.
- 2 At the opposite end of panel, move the panel and frame side-to-side until panel is flush to the frame seam and 3/4" along the floor joist.
Secure panel with (2) additional nails in the two corners.

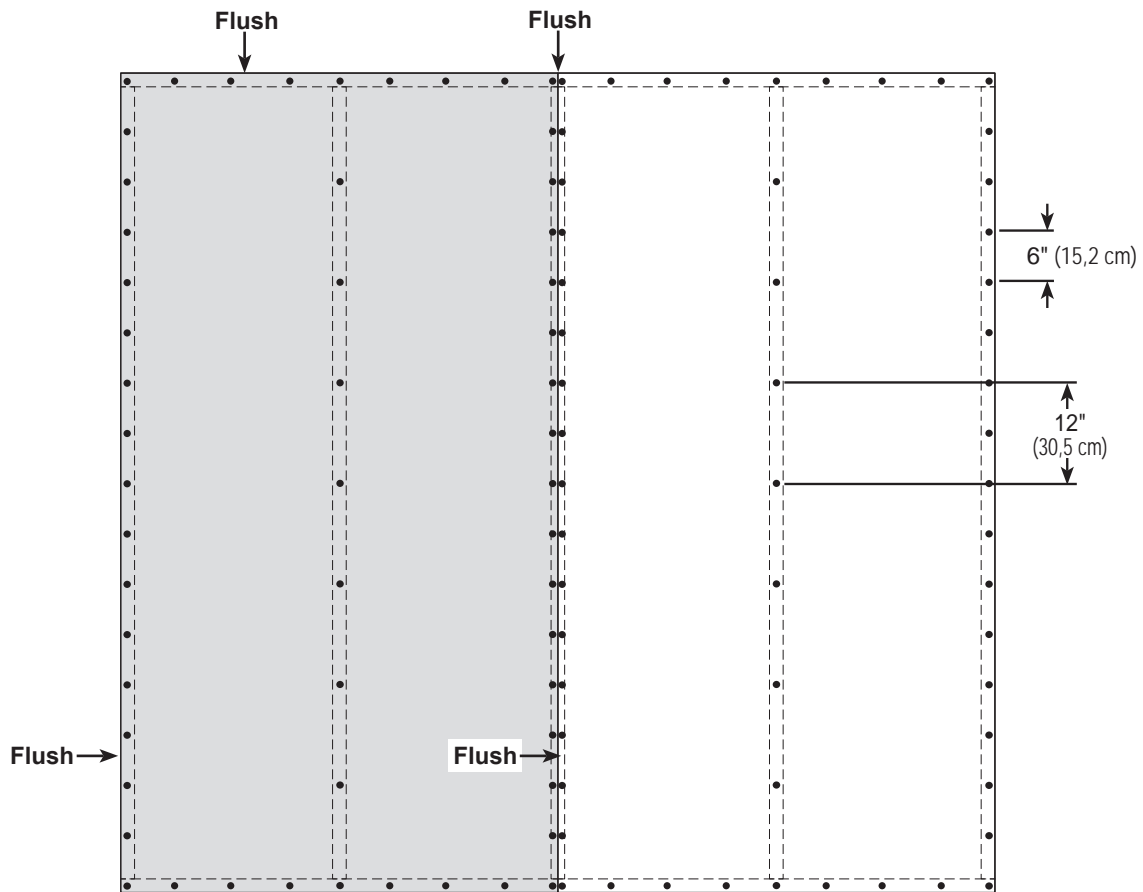


FLOOR PANELS (if floor kit is purchased)

PARTS REQUIRED:



- 3 Install 2nd 48" x 90" panel flush to installed panel.
Secure panel with (1) 2" nail in each corner. All panels should be flush, as shown.
- 4 Ensure the floor 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 131-9/16" (334,2 cm).
- 5 Continue securing all panels with 2" nails spaced 6" apart on edges and 12" apart inside panel.

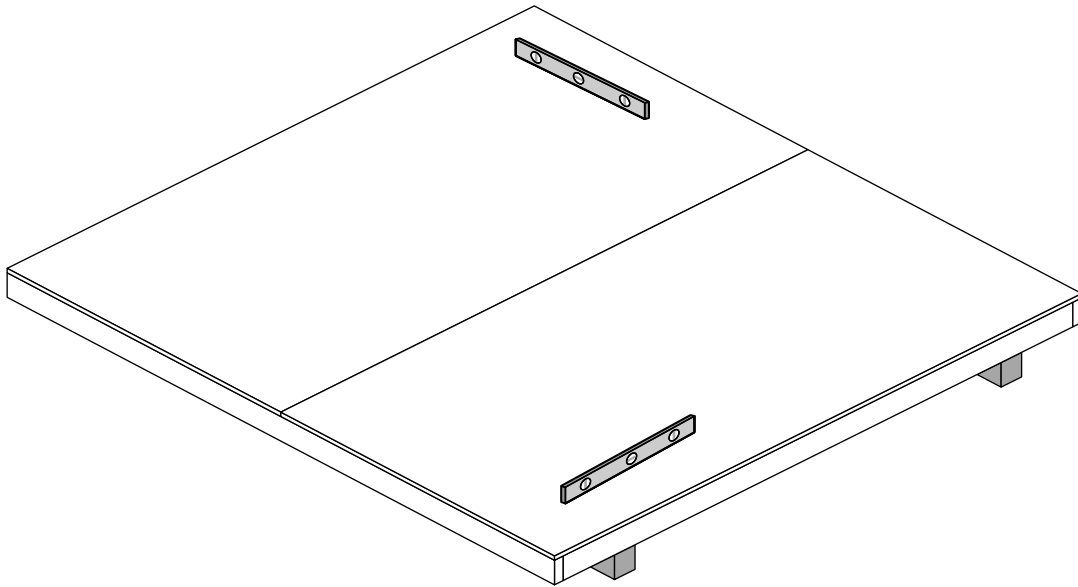


Your floor panels are now installed.

IMPORTANT!

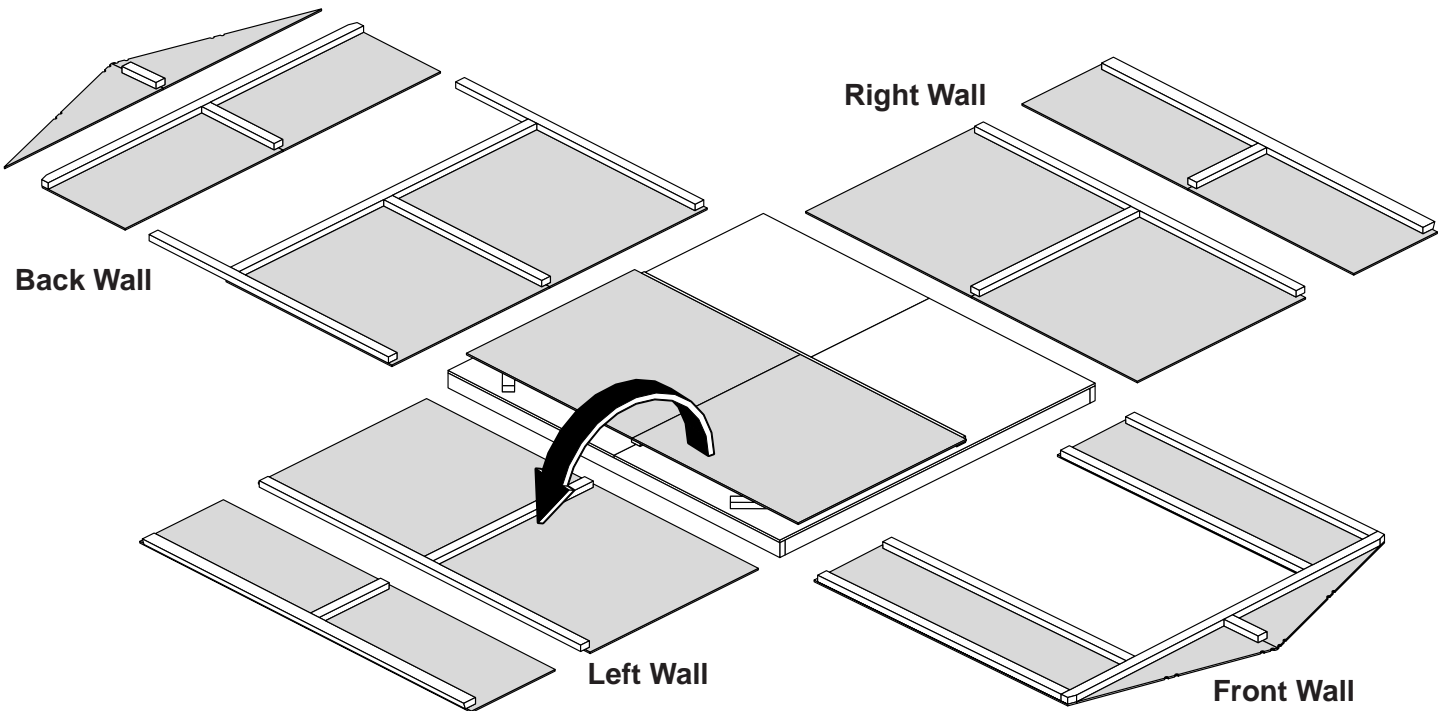
STOP!

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



HINT:

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



EAVE WALL UNITS

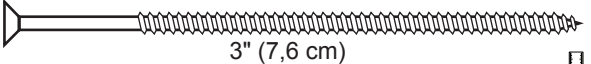
PARTS REQUIRED:

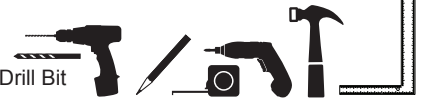
x2 **TKC** 2 x 3 x 20" (5,1 x 7,6 x 50,8 cm)

x2 **NB** 2 x 3 x 45-3/4" (5,1 x 7,6 x 116,2 cm)

x2 **PL** 2 x 3 x 93" (5,1 x 7,6 x 236,2 cm)

x2 **XEM** **Tapered Profile** 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

x8  3" (7,6 cm)



Build 2 sets of lower and upper eave wall units.

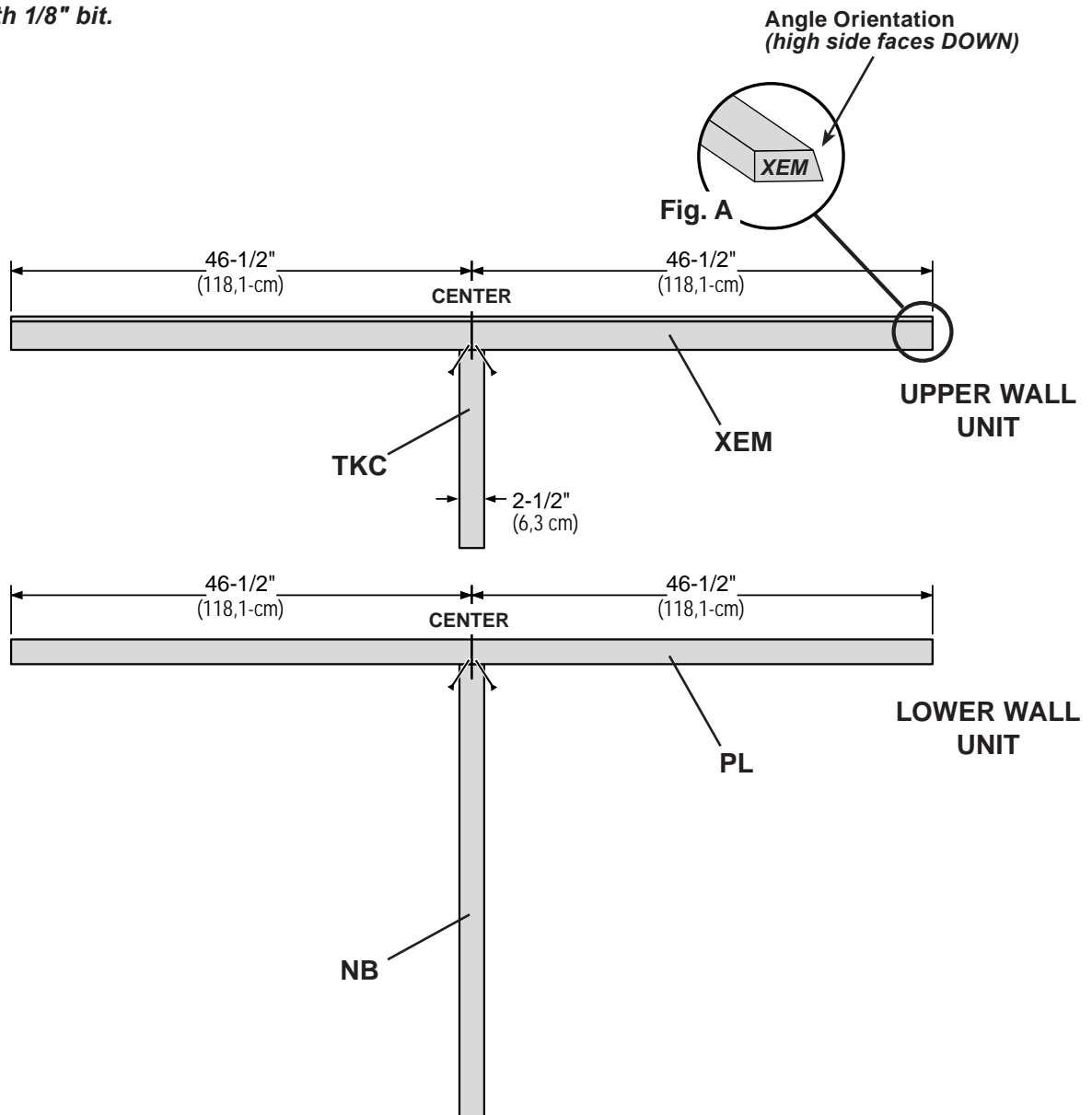
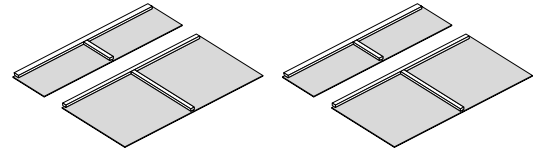
✓ **BEGIN**
1

Arrange parts on flat on floor. Center parts and mark.

Ensure angle position of XEM (Fig. A).



Secure each connection with (2) 3" screws at an angle.

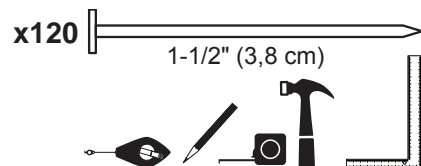
Predrill holes with 1/8" bit.



EAVE WALL UNITS

PARTS REQUIRED:

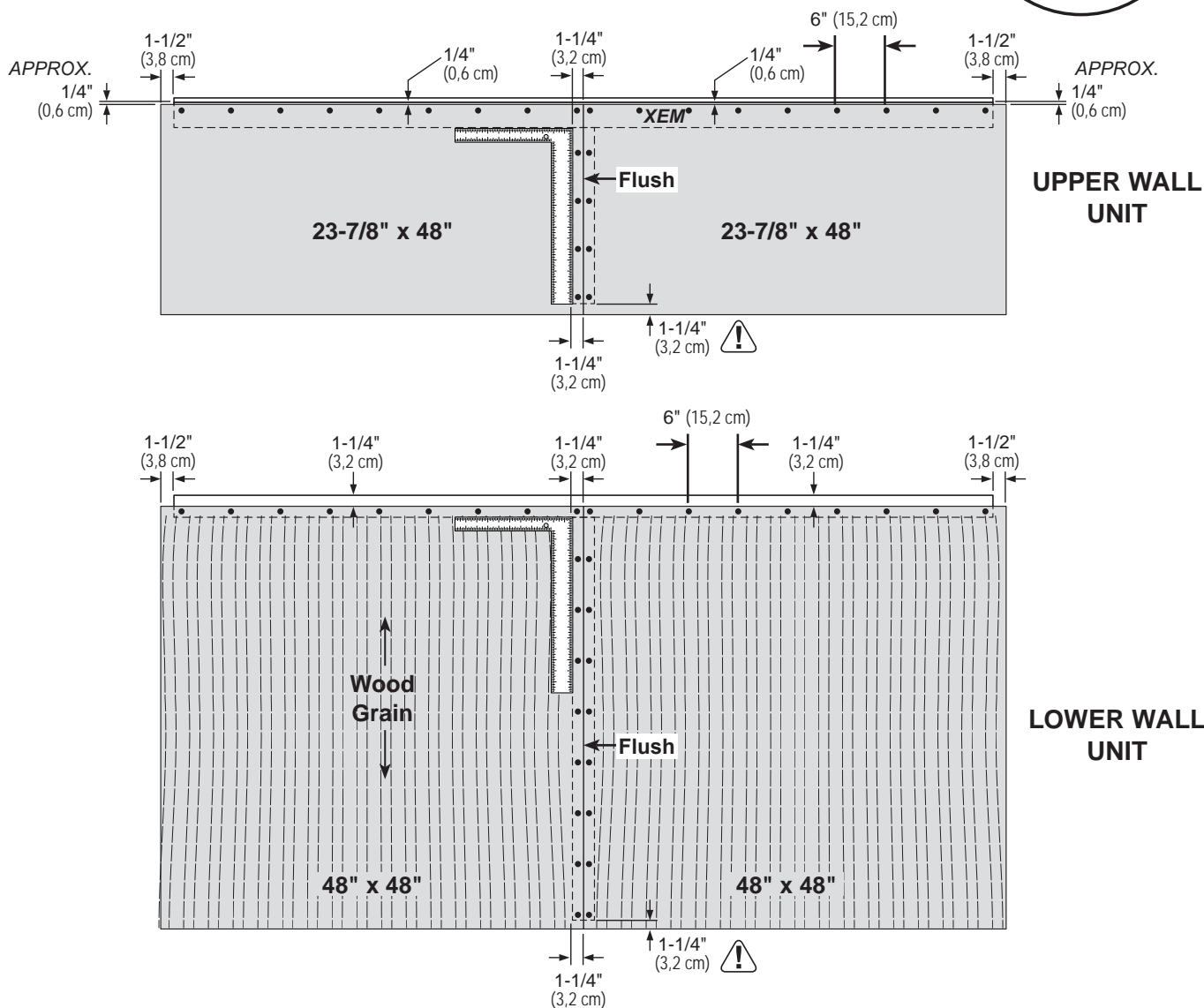
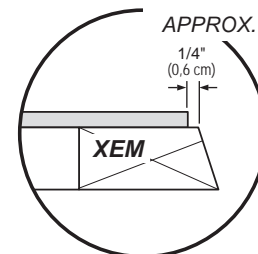
x4  23-7/8" x 48"
(60,6 x 121,9 cm) x4  48" x 48"
(121,9 x 121,9 cm)



2 Install (2) 23-7/8" x 48" and (2) 48" x 48" panels centered over framing parts and at measurements shown.

! Ensure 1-1/4" at bottom of 23-7/8" x 48" panels.
Ensure wood grain is vertical on 48" x 48" panels.

Secure panels to framing with 1-1/2" nails spaced 6" apart along panel edges.










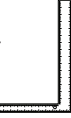
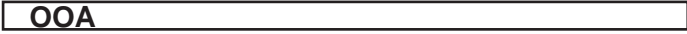


Repeat steps to build the 2nd set of eave wall units.



Your eave wall units are now assembled.

BACK GABLE WALL UNIT

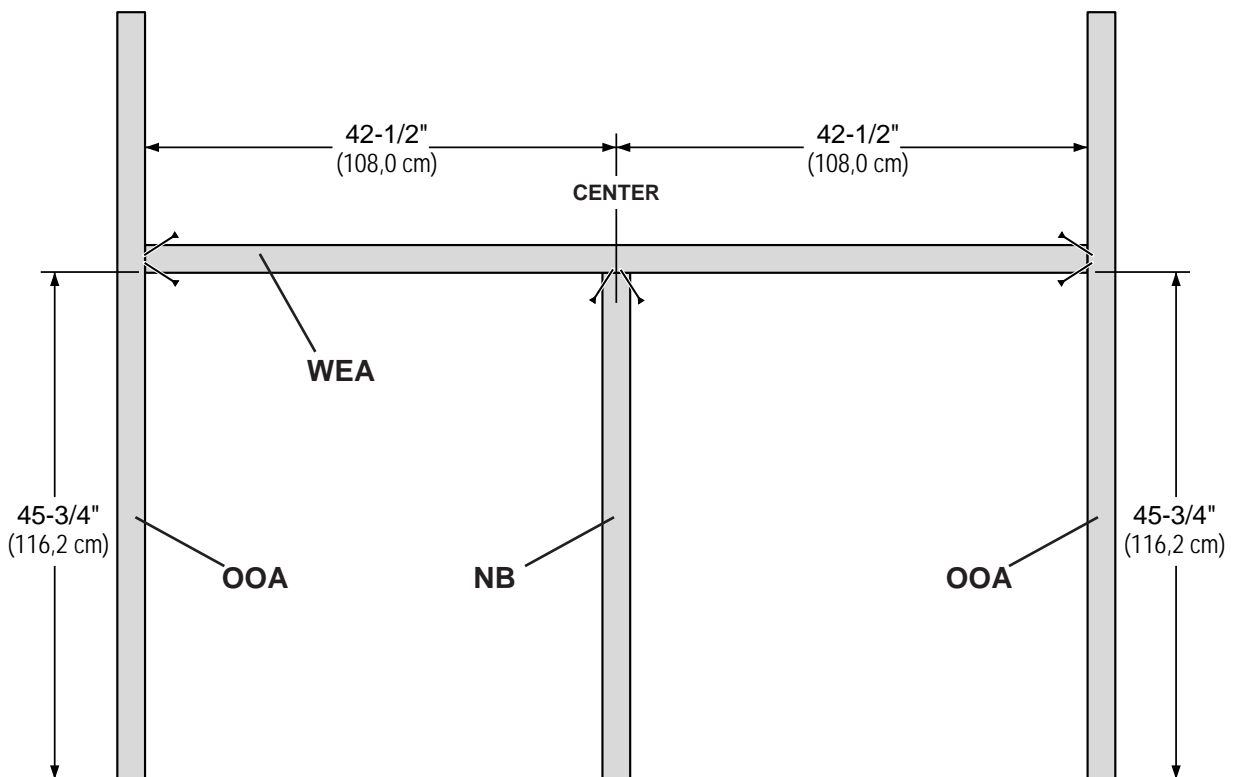
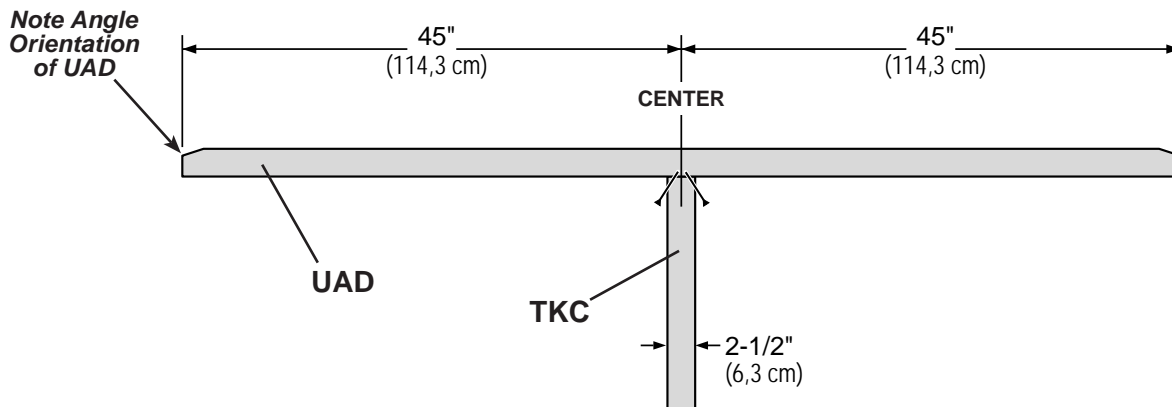
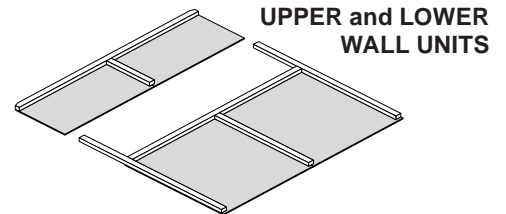
PARTS REQUIRED:

- x1 **TKC**  2 x 3 x 20" (5,1 x 7,6 x 50,8 cm) 1/8" (3 mm)  x8  3" (7,6 cm)
- x1 **NB**  2 x 3 x 45-3/4" (5,1 x 7,6 x 116,2 cm)    
- x2 **OOA**  2 x 3 x 69-1/4" (5,1 x 7,6 x 175,9 cm)
- x1 **WEA**  2 x 3 x 85" (5,1 x 7,6 x 215,9 cm)
- x1 **UAD**  2 x 3 x 90" (5,1 x 7,6 x 228,6 cm)

✓ **BEGIN**

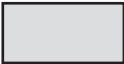
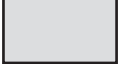
- 1 Arrange parts on flat on floor. Center parts and mark.
Secure each connection with (2) 3" screws at an angle.

Predrill holes with 1/8" bit.



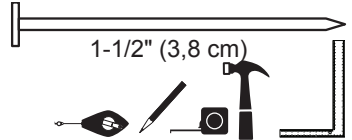
BACK GABLE WALL UNIT

PARTS REQUIRED:

x4  23-7/8" x 45"
(60,6 x 114,3 cm) x4  45" x 48"
(114,3 x 121,9 cm)

 3/4" GAUGE
BLOCK

x76

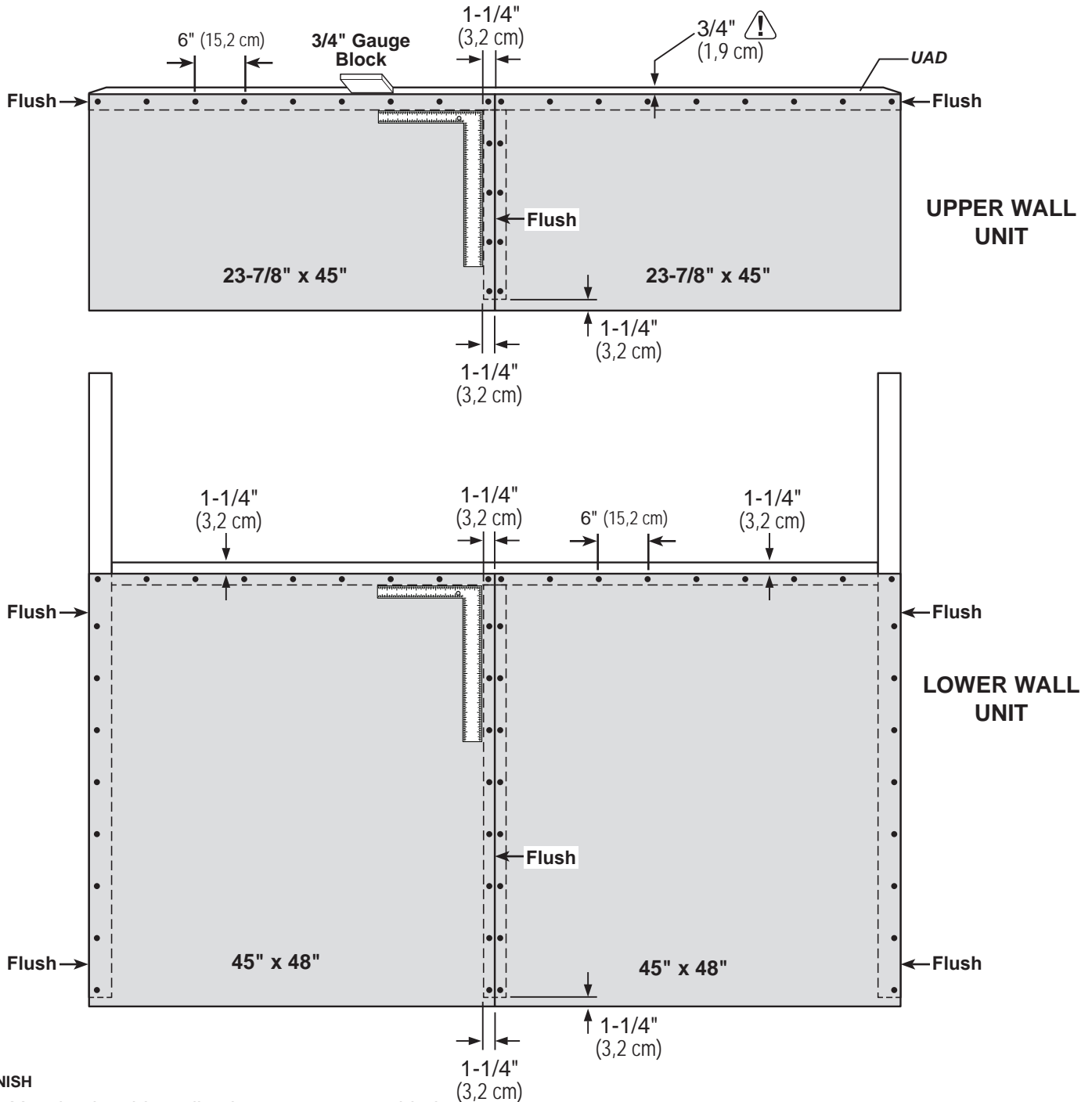


Install all panels with the primed side facing up.

2 Install (2) 23-7/8" x 45" and (2) 45" x 48" panels centered over framing parts and at measurements shown.

! Ensure 3/4" along the top edge of 23-7/8" x 48" panels on UAD.
Use the gauge block for consistent 3/4" measurement.

Secure panels to framing with 1-1/2" nails spaced 6" apart along panel edges.



Your back gable wall units are now assembled.


FRONT GABLE WALL UNIT

PARTS REQUIRED:

x1 **VAN** 2 x 3 x 9-3/4" (5,1 x 7,6 x 24,8 cm)

x4 **OOA**
2 x 3 x 69-1/4" (5,1 x 7,6 x 175,9 cm)

x1 **UAD**
2 x 3 x 90" (5,1 x 7,6 x 228,6 cm)

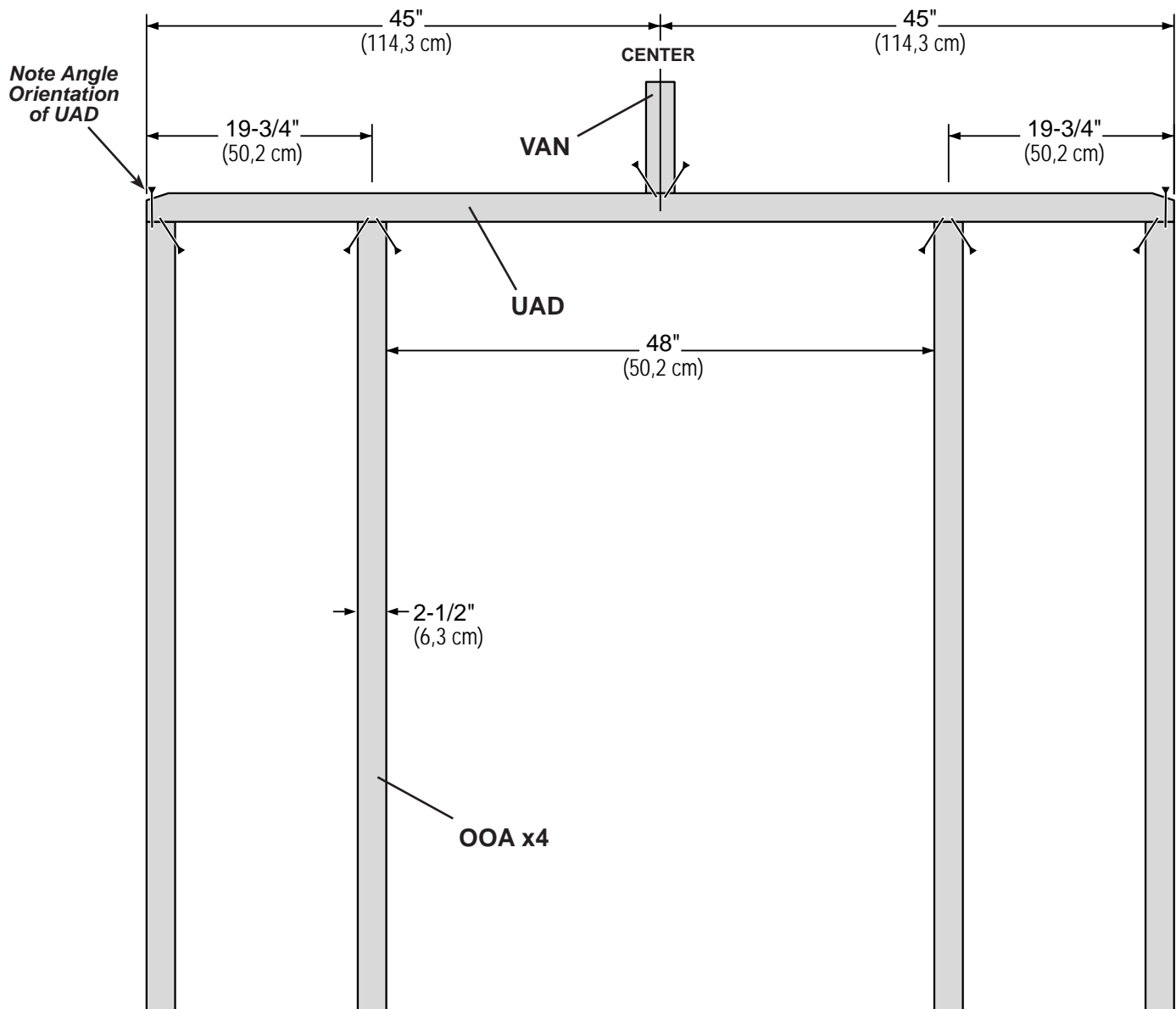
x10  3" (7,6 cm)



✓ BEGIN

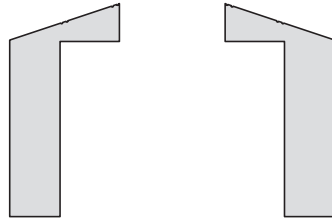
- 1 Arrange parts on flat on floor. Measure to centers of parts. Secure each connection with (2) 3" screws at an angle.

Predrill holes with 1/8" bit.



FRONT GABLE WALL UNIT

PARTS REQUIRED:



x74 1-1/2" (3,8 cm)

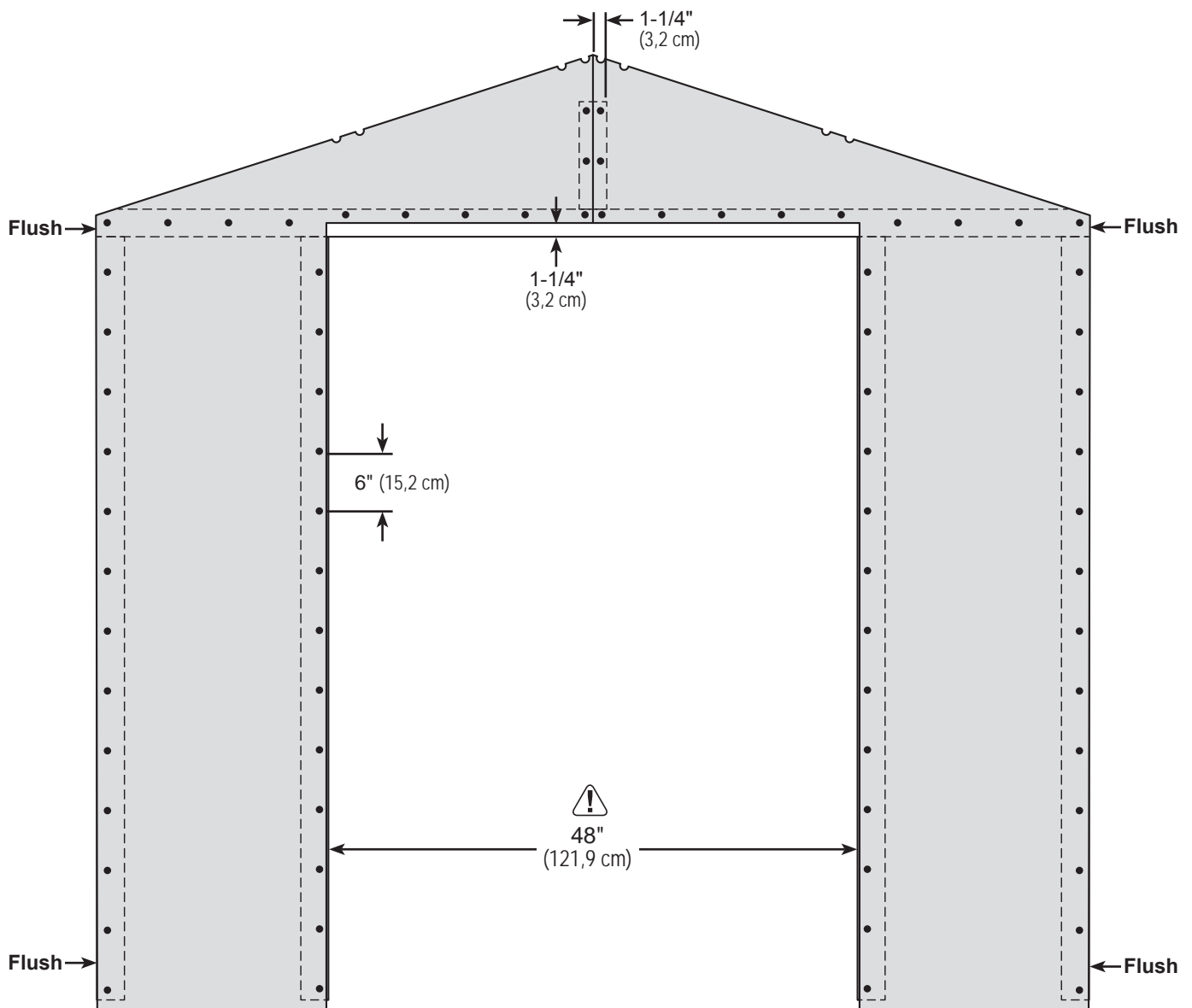


Install all panels with the primed side facing up.

- 2 Install (2) front wall panels centered over framing parts and check measurements shown. Flush frame along outside of panels

! *Ensure 48" door opening.*

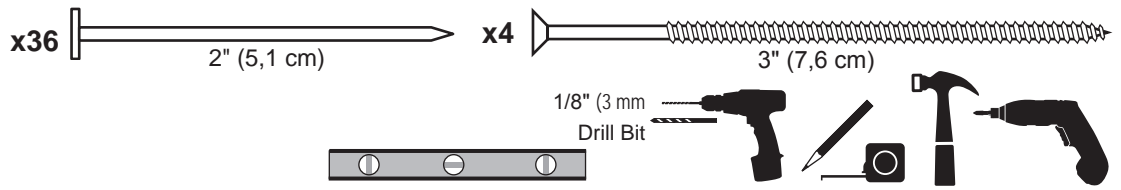
Secure panels to framing with 1-1/2" nails spaced 6" apart along panel edges.



Your front gable wall unit is now assembled.

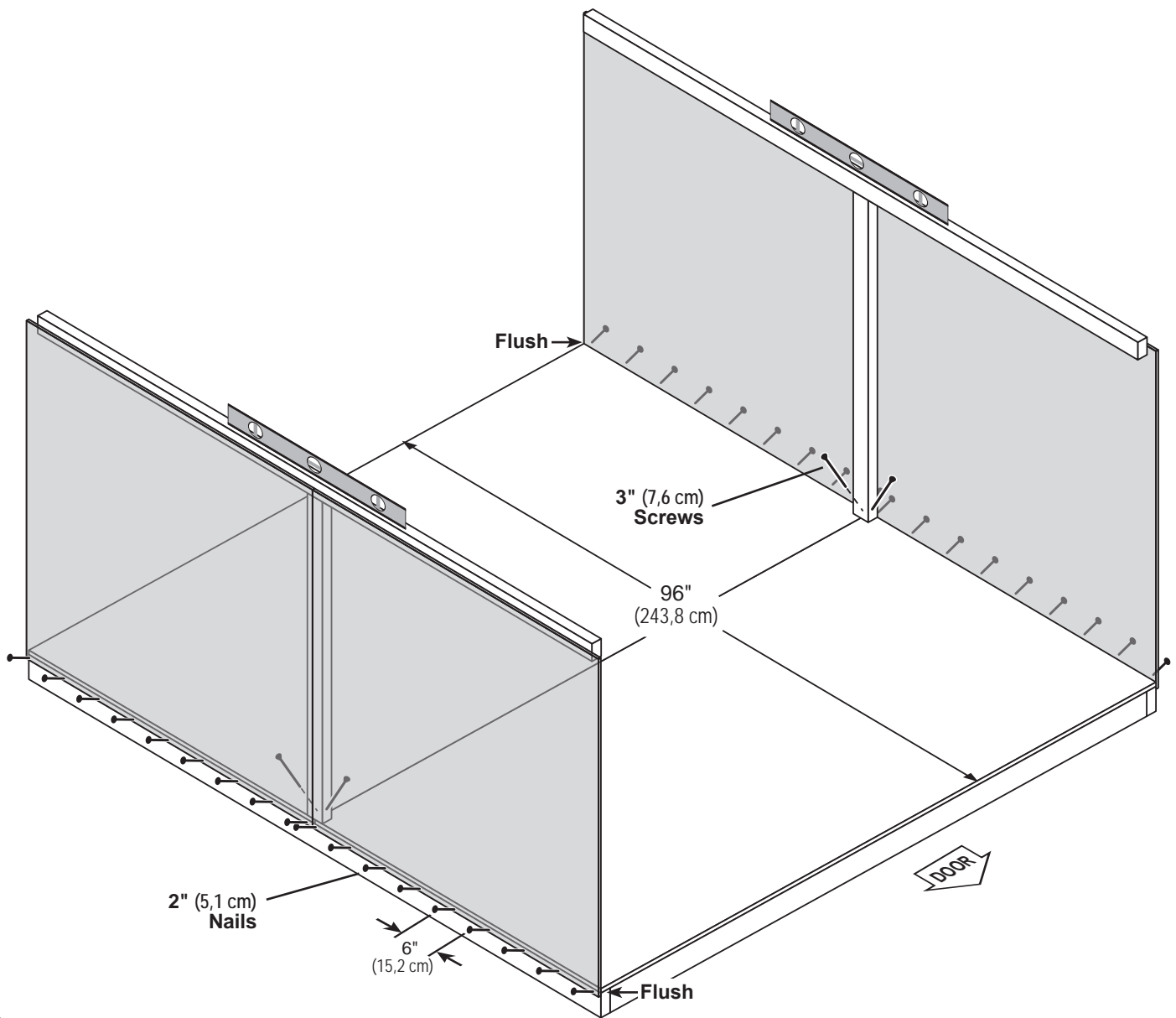
EAVE WALLS INSTALLATION

PARTS REQUIRED



✓ BEGIN

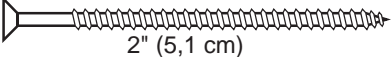

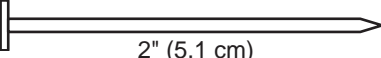

- 1 Center (2) lower eave wall units on the 96" sides of floor. Ensure walls are level. Secure lower edge of wall panels to floor with 2" nails spaced 6" apart. **Angle nails into floor frame.**
- 2 Secure center wall stud to floor with (2) 3" screws angled into floor framing. **Predrill holes with 1/8" bit.**



FINISH

Your lower side wall units are now installed.

LOWER BACK WALL UNIT INSTALLATION

PARTS REQUIRED: x4  x6 
 x32  2" (5,1 cm)  1/8" (3 mm) Drill Bit

✓ **BEGIN**
1

Predrill all screw holes with 1/8" bit.

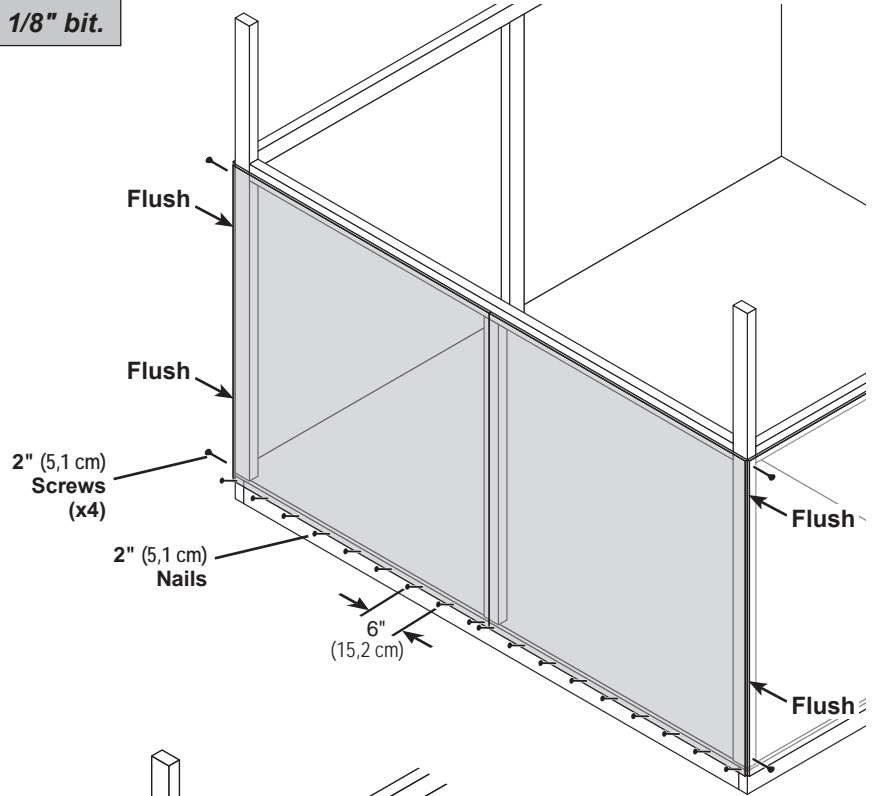
Center back gable wall on the floor.
 Secure side walls to back wall studs with (2) 2" screws per side.
 Install bottom screws first.

Ensure corners are flush.

2

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

Angle nails into floor frame.



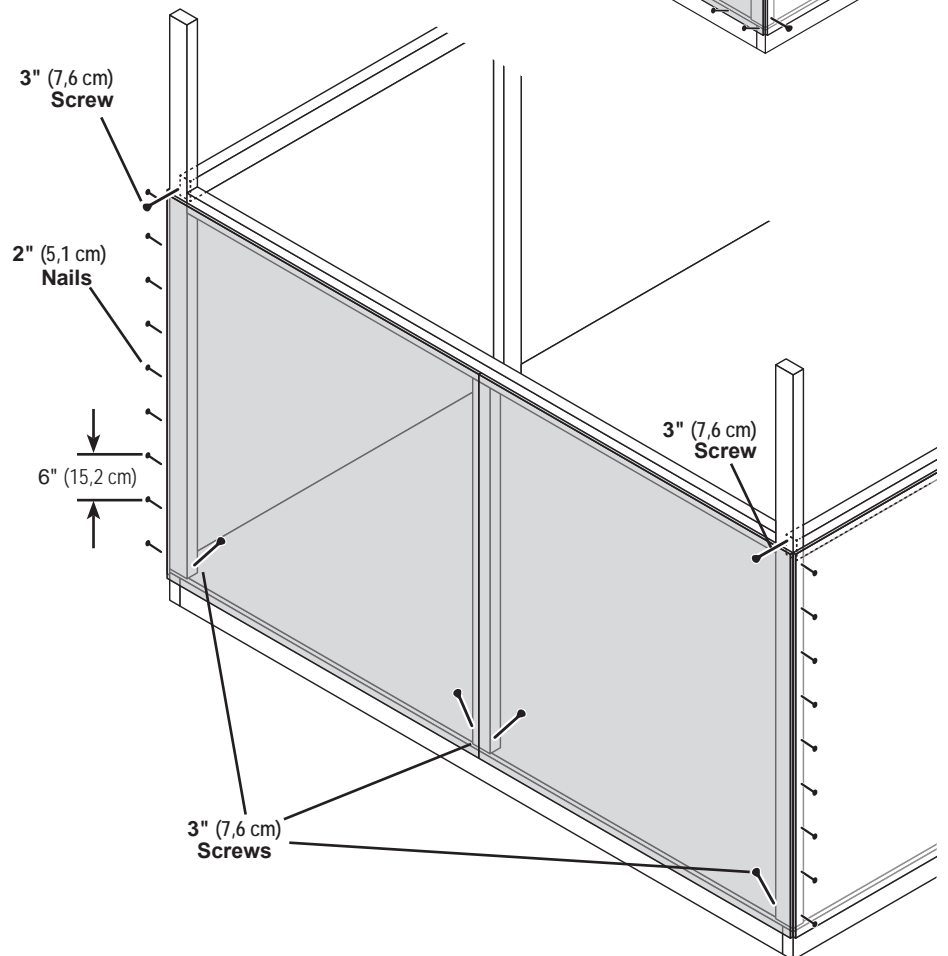
3

Secure side wall panels to back wall studs with 2" nails spaced 6" apart.

4

Working inside, secure back wall studs to floor with 3" screws at an angle.

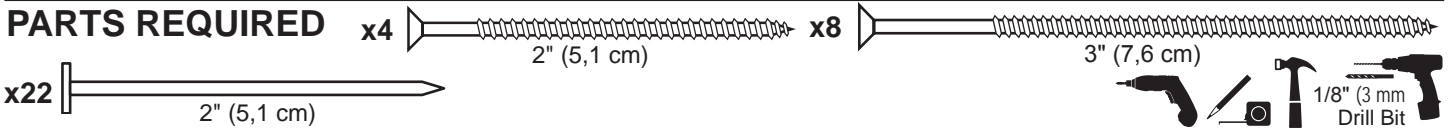
Secure back wall studs to ends of side wall upper frame with (2) 3" screws.



Your lower back wall unit is now installed

FRONT WALL INSTALLATION

PARTS REQUIRED



BEGIN

1 Pre-drill all screw holes with 1/8" bit.

Install front gable wall between side walls. Secure side walls to front wall studs with (2) 2" screws per side. Install bottom screws first.

Ensure corners are flush.

2

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

Angle nails into floor frame.

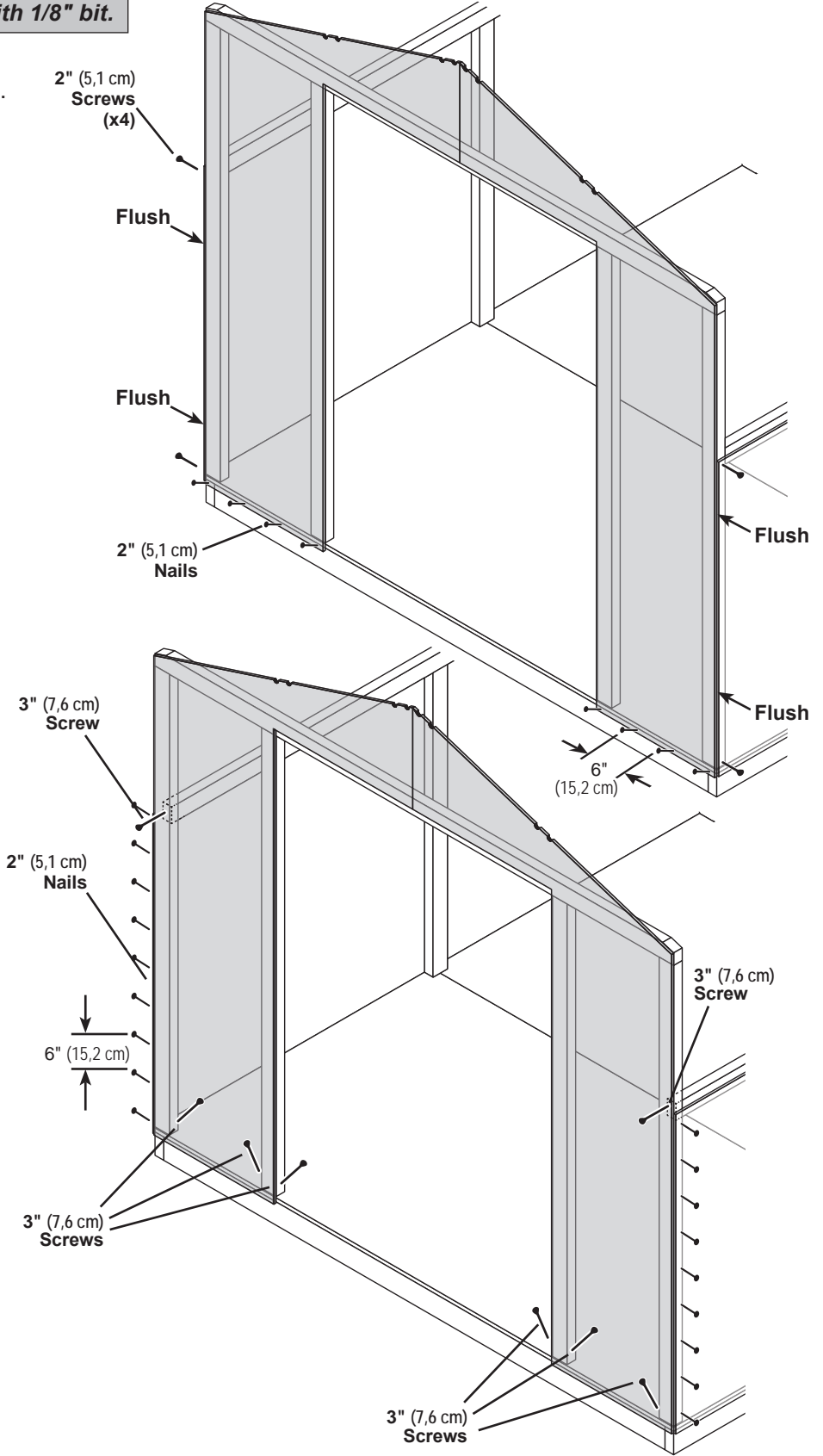
3

Secure side wall panels to front wall studs with 2" nails spaced 6" apart.

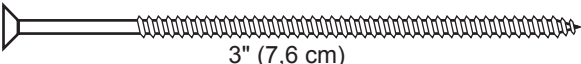
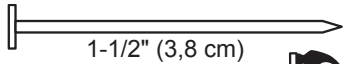
4


Working inside, secure front wall studs to floor with 3" screws at an angle.






From the outside, secure front wall studs to ends of side wall upper frame with (2) 3" screws. (We recommend caulking over these two 3" screws before painting.)



UPPER BACK WALL UNIT INSTALLATION

PARTS REQUIRED: x4  3" (7,6 cm) x22  1-1/2" (3,8 cm)

x1  96" (243,8 cm) Z-Strip

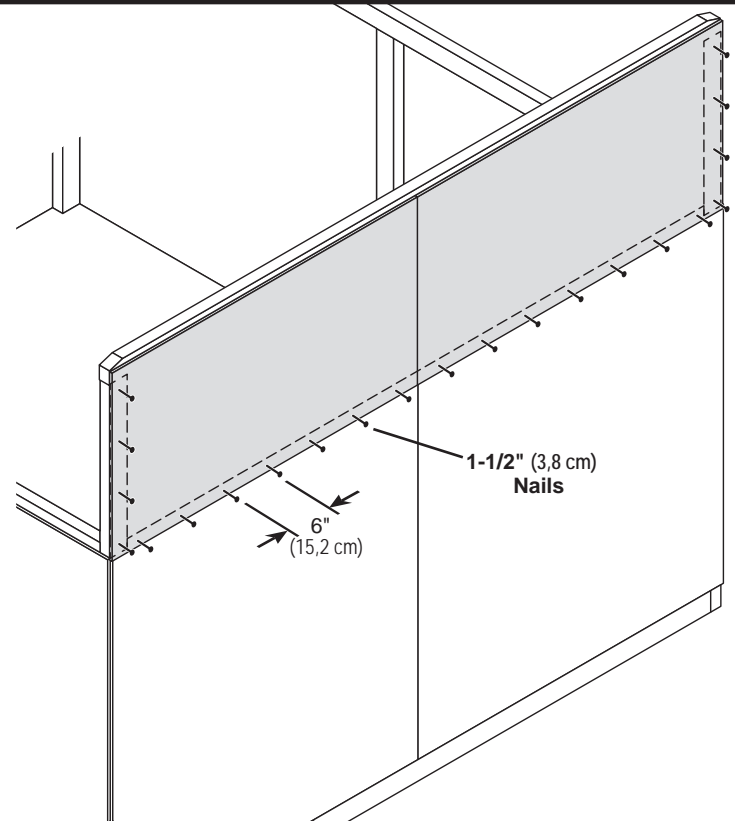
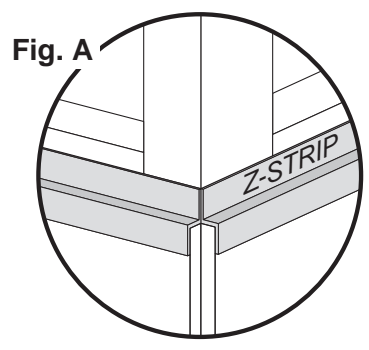
  1/8" (3 mm) Drill Bit   

BEGIN Predrill all screw holes with 1/8" bit.

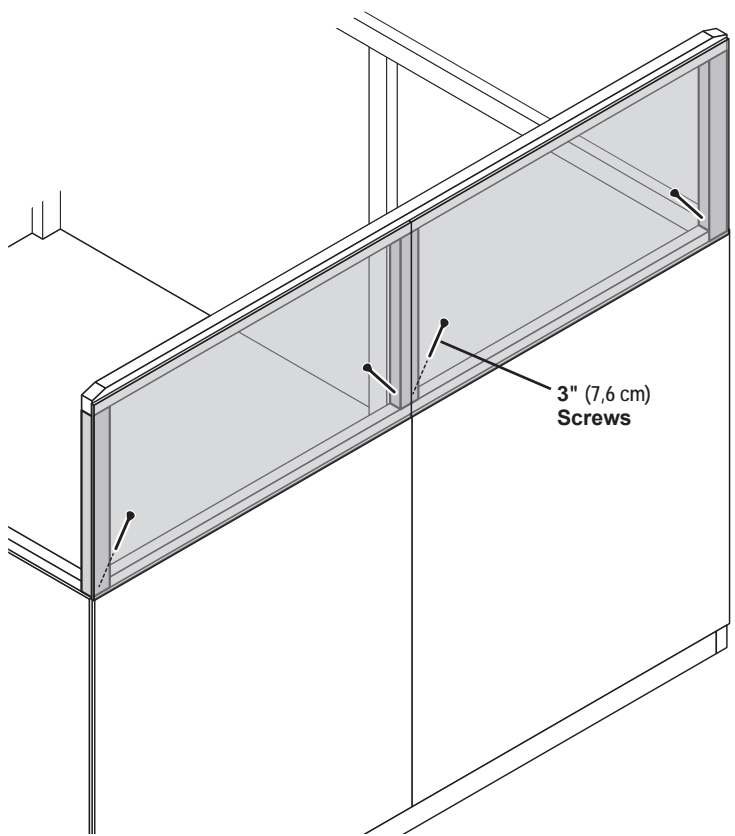
1
Cut (1) 96" Z-Strip to 90".

Center Z-Strip over top of all lower wall units
(Fig. A).

(Staple Z-Strip minimally to hold in place.)



2
Center the upper back wall unit on the lower back wall unit.
Secure upper back wall panels to lower back wall frame with 1-1/2" nails spaced 6" apart.



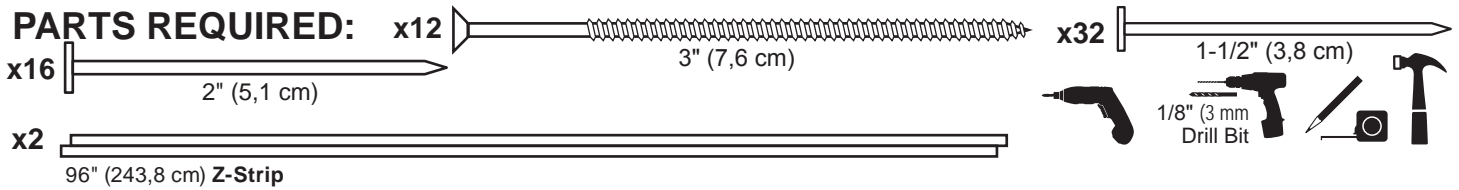
3
Working inside, secure back wall studs to floor with 3" screws at an angle.



Your upper back wall unit is now installed.

UPPER SIDE WALL UNIT INSTALLATION

PARTS REQUIRED:

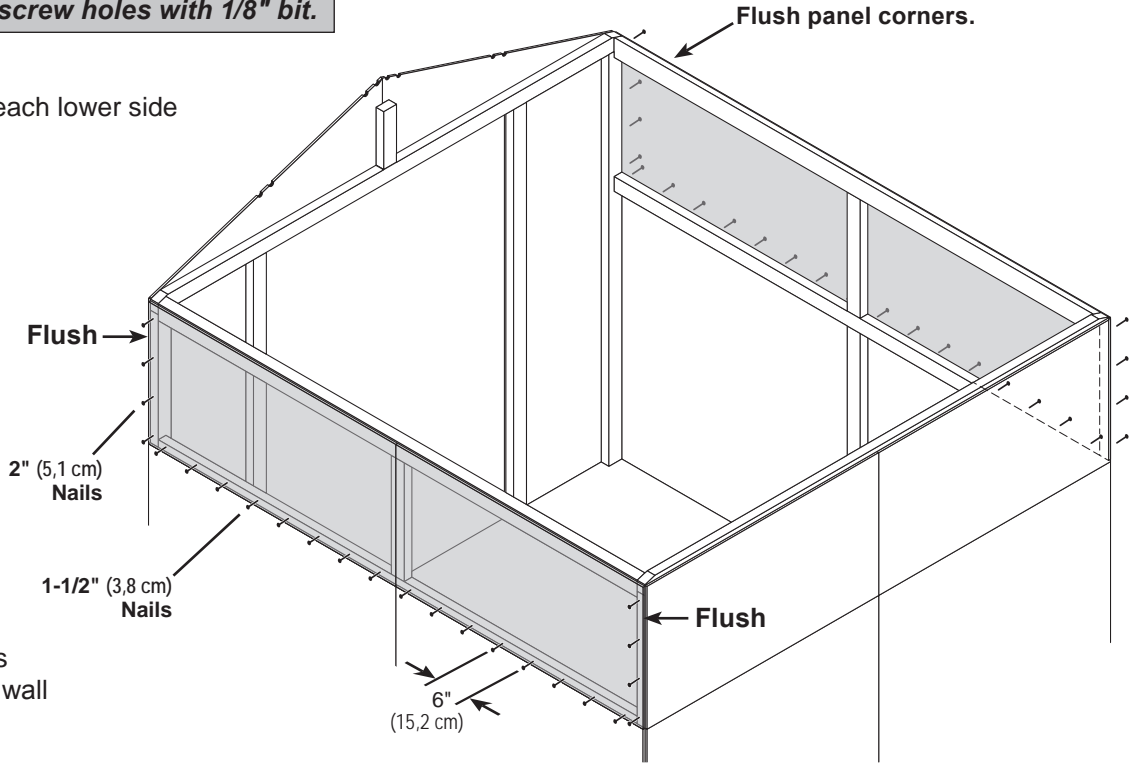
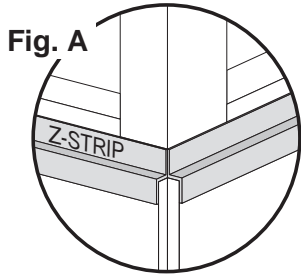


BEGIN 1

Predrill all screw holes with 1/8" bit.

Center Z-Strip over top of each lower side wall unit (**Fig. A**).

(Staple Z-Strip minimally to hold in place.)



2

Install upper side wall units flush along front and back wall corner panels.

Secure panel horizontal portion to wall framing with 1-1/2" nails spaced 6" apart.

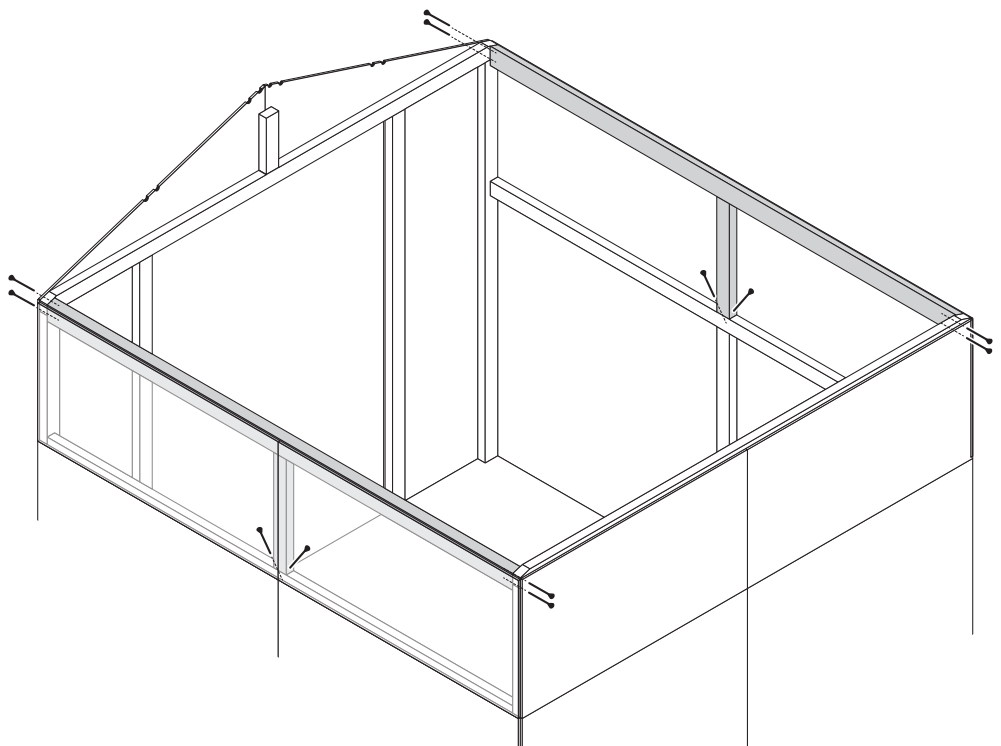
Secure panel vertical portion to wall framing with 2" nails spaced 6" apart.

3

Working inside, secure side wall units with 3" screws at an angle.

From the outside, secure front and back wall upper frame to ends of side wall upper frame with (2) 3" screws at each corner.

(We recommend caulking over these 3" screws before painting.)



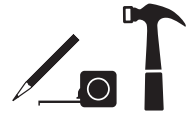
Your upper side wall units are now installed.

GABLE UNIT

PARTS REQUIRED:

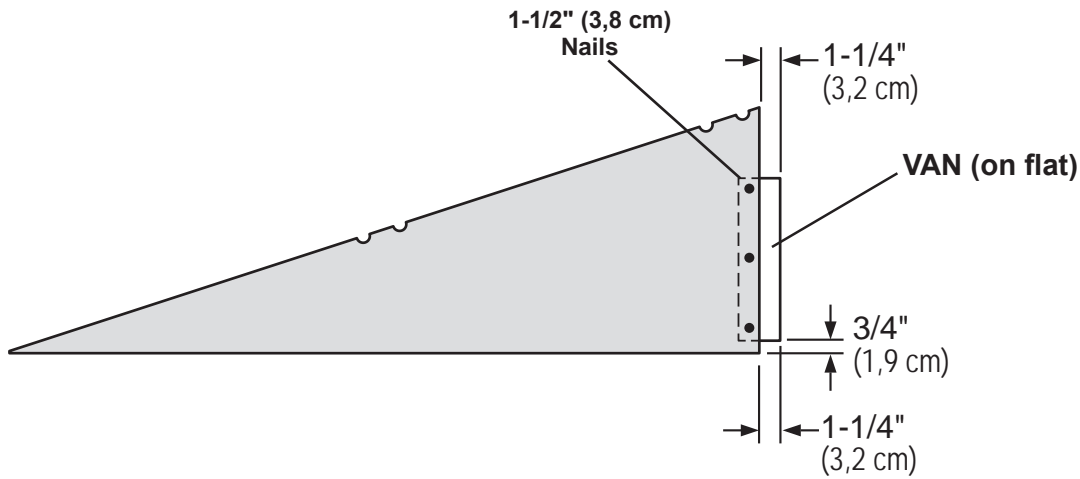
x1 **VAN** 2 x 3 x 9-3/4" (5,1 x 7,6 x 24,8 cm)

x6 1-1/2" (3,8 cm)

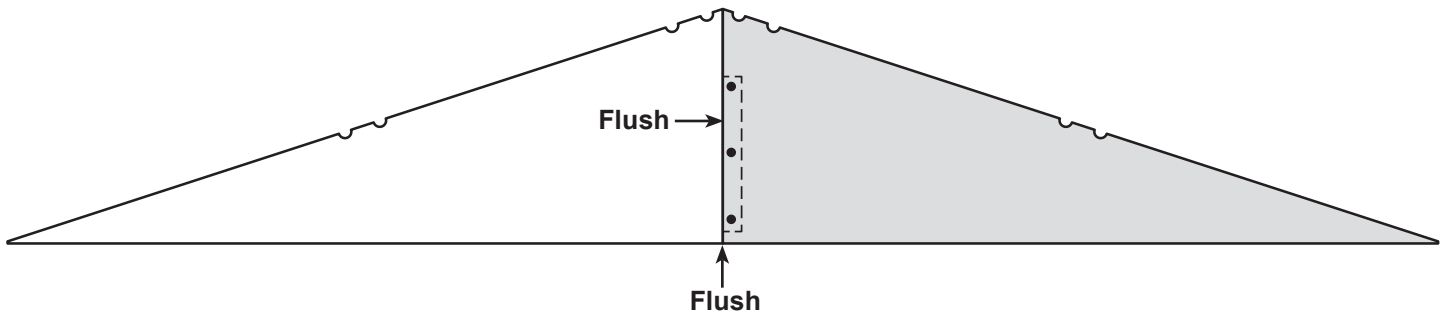


✓ BEGIN

- 1 Orient gable support **VAN** on the flat side. Install left gable panel, as shown. Secure with 1-1/2" nails.



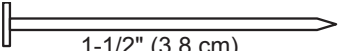

- 2 Install right gable panel flush to installed panel. Secure with 1-1/2" nails.

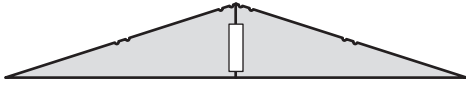


Your back wall gable unit is now assembled.

GABLE UNIT INSTALLATION

PARTS REQUIRED:

x18  1-1/2" (3,8 cm) x2  3" (7,6 cm)

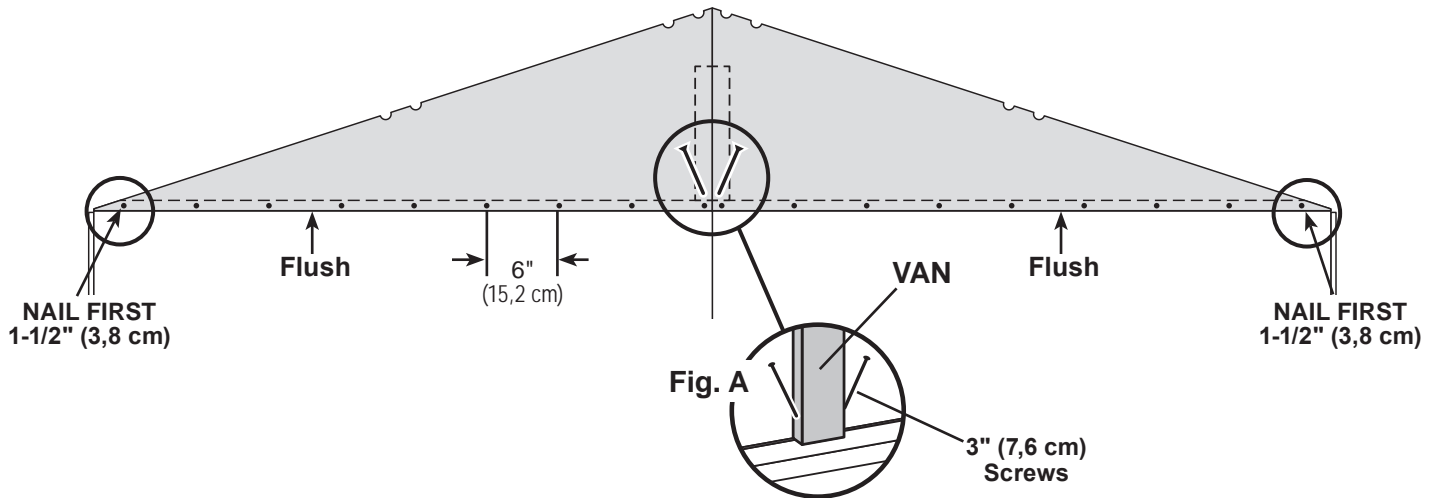


✓ BEGIN

- 1 Center gable unit on back wall top plate.
Secure with (1) 1-1/2" nail on each side.

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

- 2 Continue nailing lower edge of panels into top plate with 1-1/2" nails spaced 6" apart.



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



FINISH

Your gable unit is now installed

ROOF PURLINS

PARTS REQUIRED:

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

x16
3" (7,6 cm)



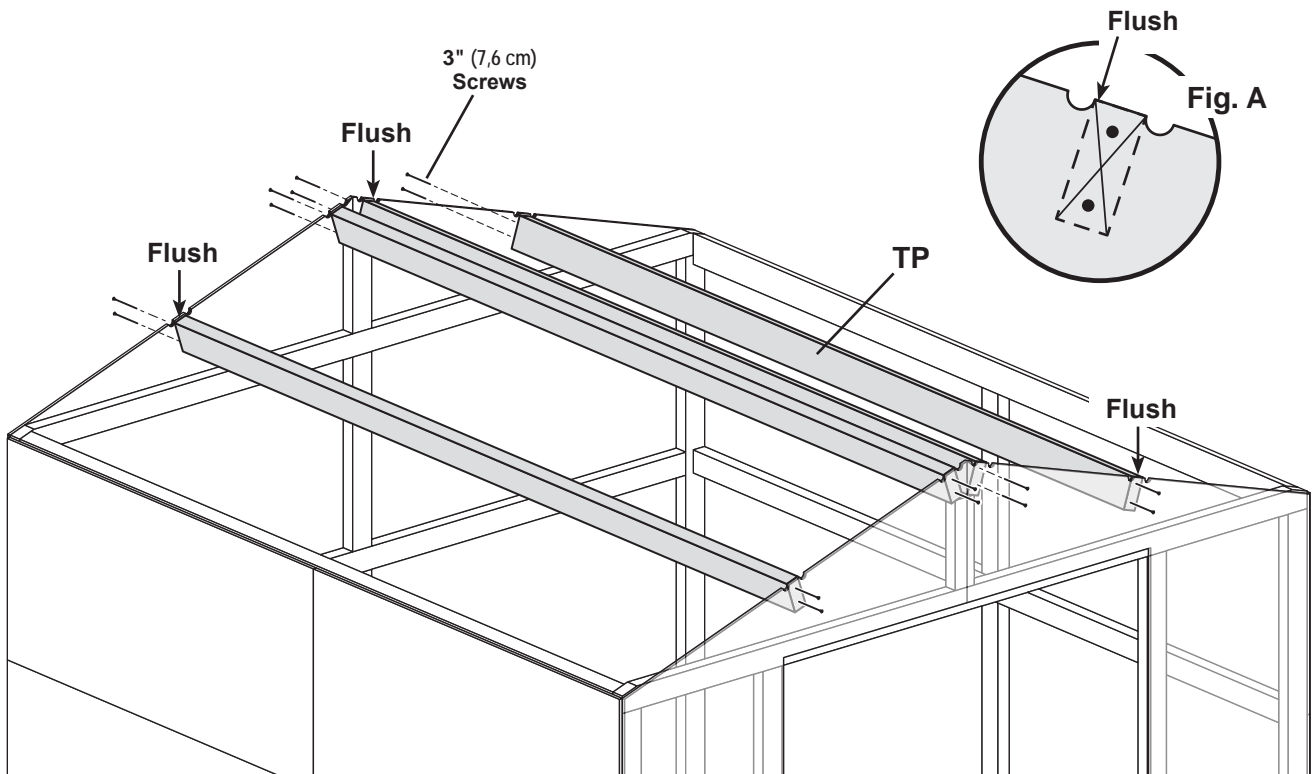
✓ BEGIN

- 1 Align (4) roof support purlins TP to front and back wall panel notches. Flush purlins to top of gable panels (**Fig. A**). Secure with (2) 3" screws at each end.

(Predrilling is not required.)

NOTE:

*Install 2x4s for best appearance.
See page 2 for reference.*

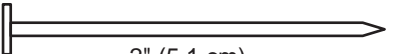


Your roof purlins are now installed.

ROOF PANELS

PARTS REQUIRED:



x82  2" (5,1 cm)



Roof panels may cause serious injury until securely fastened.

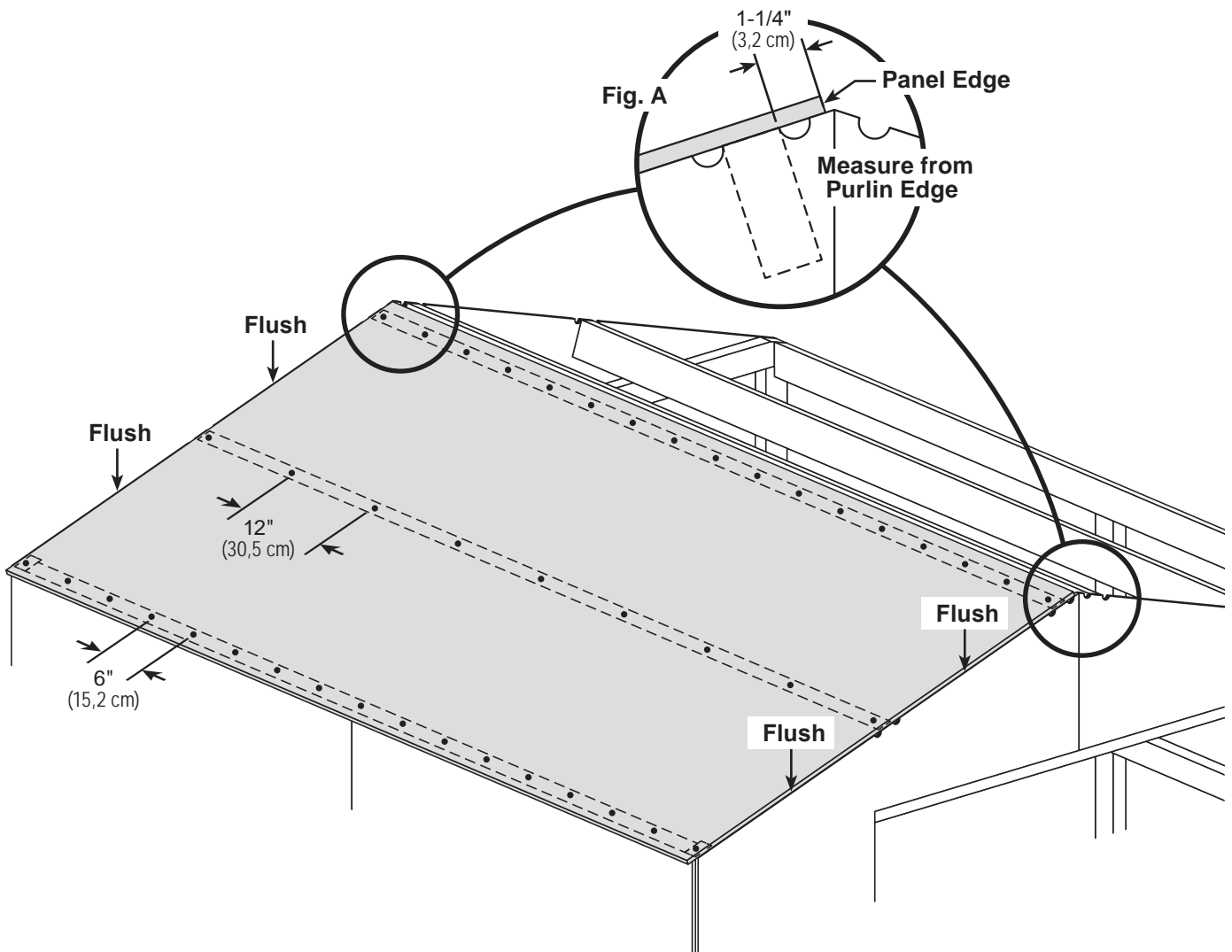
Note: Install all roof panels with the rough side up (painted grid lines).



✓ BEGIN

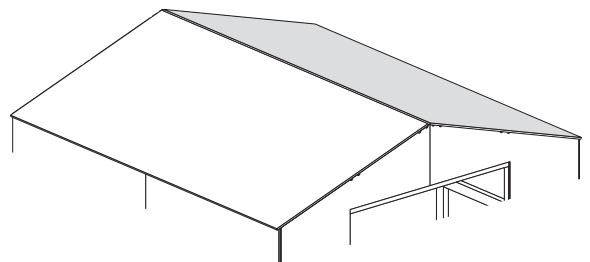
- 1 Install 1st 48" x 96" roof panel on purlins, with the edge of panel located 1-1/4" from the top purlin (Fig A). Secure panel with (1) 2" nail in each corner.

Ensure roof panel is flush along the length of gable panels.



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

Repeat to install the 2nd roof panel on the opposite side.



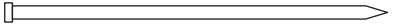
Your roof panels are now installed.

GABLE TRIM

PARTS REQUIRED:

x2 **YPL**
19/32" x 3-1/2" x 48-1/4" (1,5 x 8,9 x 122,6 cm)

x2 **YPR**
19/32" x 3-1/2" x 48-1/4" (1,5 x 8,9 x 122,6 cm)

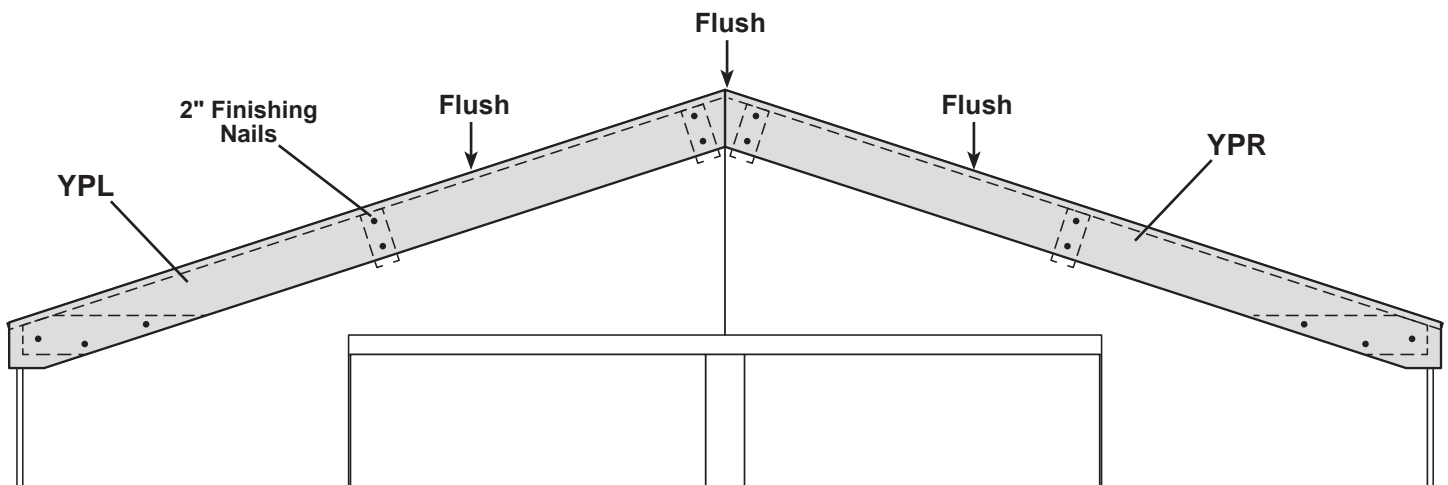
x28 
2" (5,1 cm)



Install trim with the primed side facing out.

✓ BEGIN

- 1 Install **YPL and YPR** gable trim flush to panel seam and flush to top of roof panels. Secure with 2" finishing nails, evenly spaced.



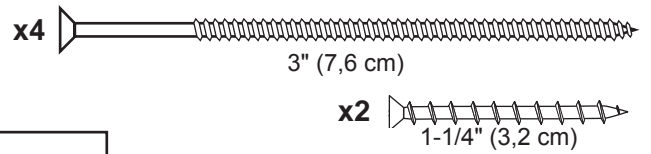
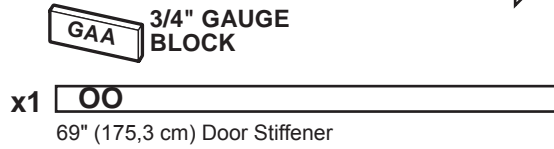
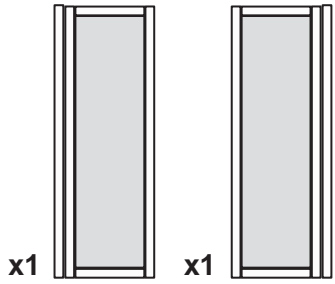
Repeat to install gable trim to the opposite side gable.



Your gable trim boards are now installed.

DOORS

PARTS REQUIRED:

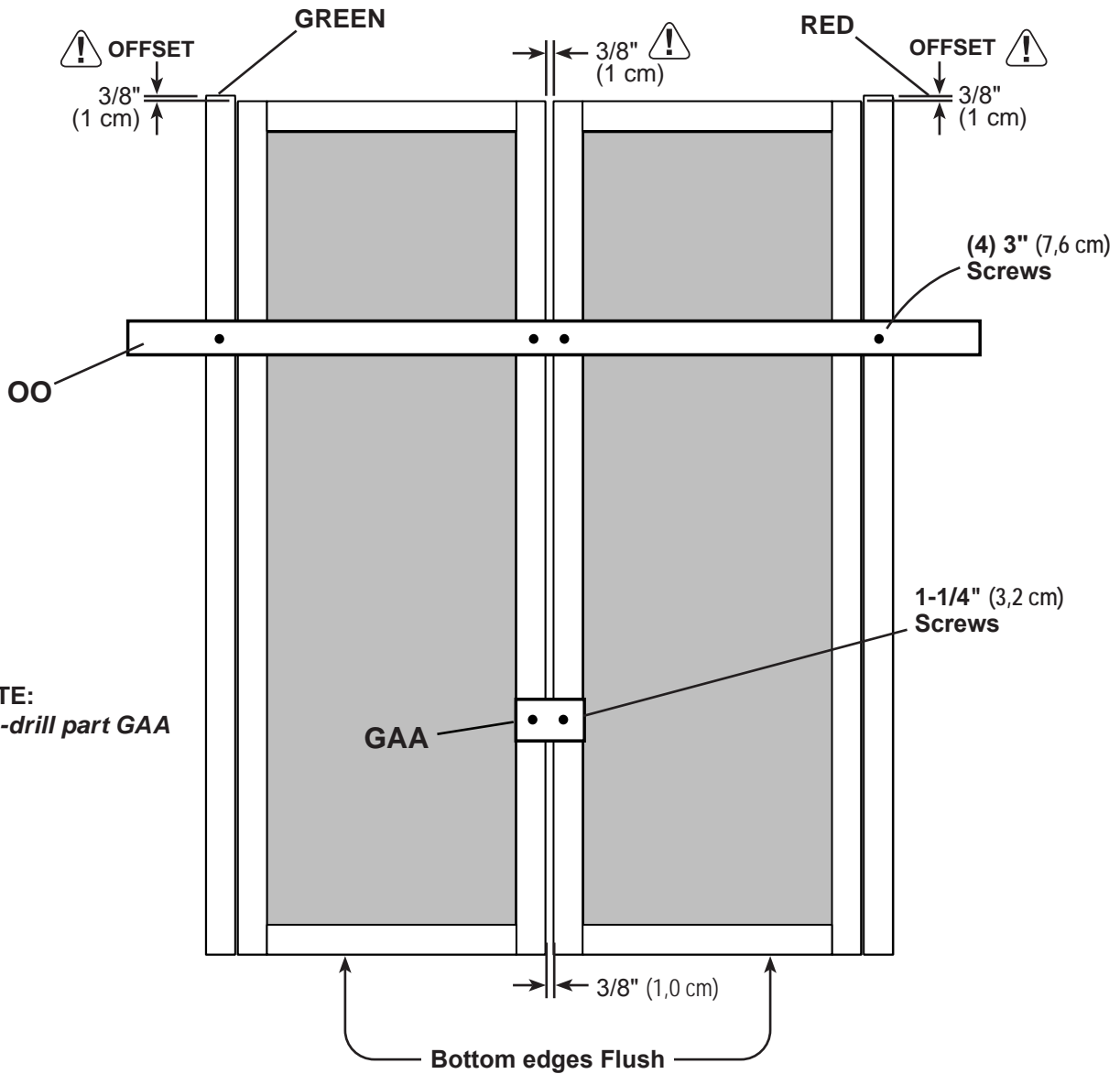


✓ **BEGIN**

1 Arrange parts as shown, on a flat surface. **Ensure that the 3/8" offset is to top.**

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


Install temporary supports **OO** and **GAA**, as shown.



DOORS

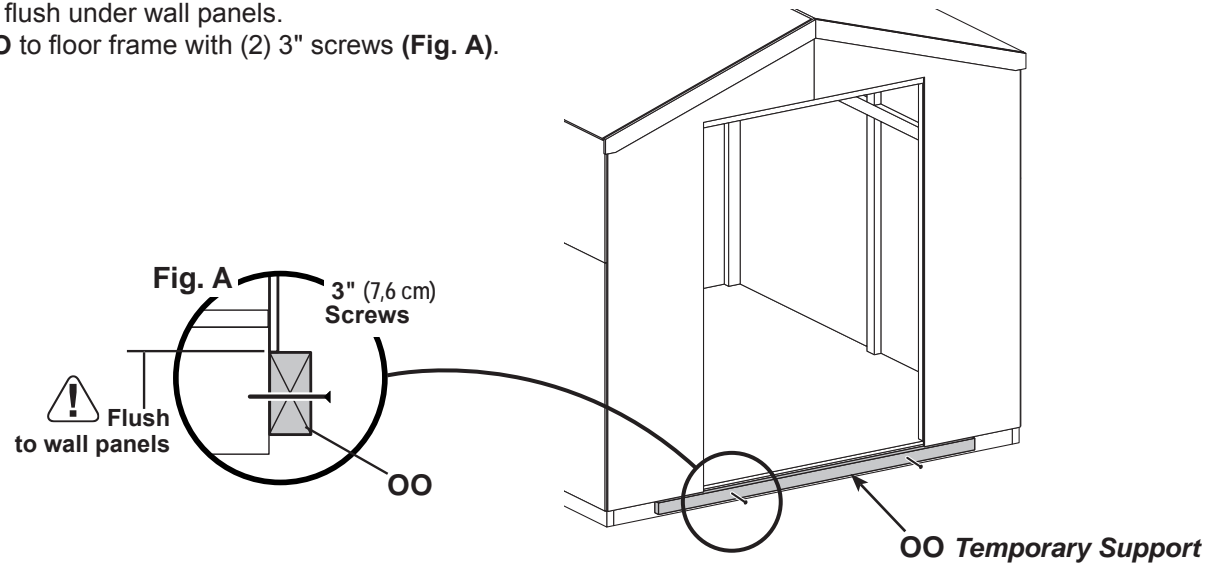
PARTS REQUIRED:

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

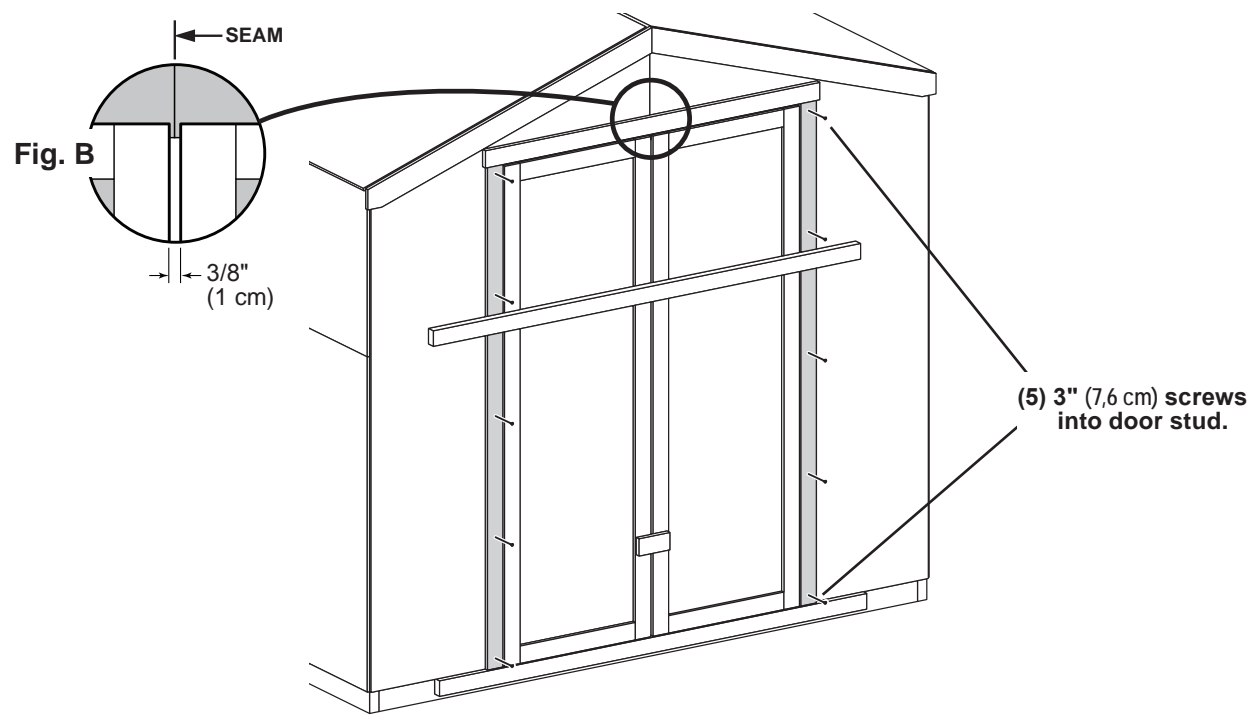
x12  3" (7,6 cm)



2 Install **OO** flush under wall panels.
Secure **OO** to floor frame with (2) 3" screws (**Fig. A**).



3 Center doors on the panel seam, as shown (**Fig. B**).
Secure hinge boards to door studs with (10) 3" screws.



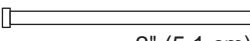
Remove temporary supports and ensure that the doors open and close properly.



Your doors are now installed.

DOOR TRIM

PARTS REQUIRED:

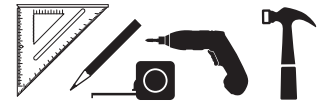
x5  2" (5,1 cm)

x48  3/4" (1,9 cm)

x2 **UWA**
19/32" x 2-1/2" x 32" (1,5 x 6,3 x 81,3 cm)

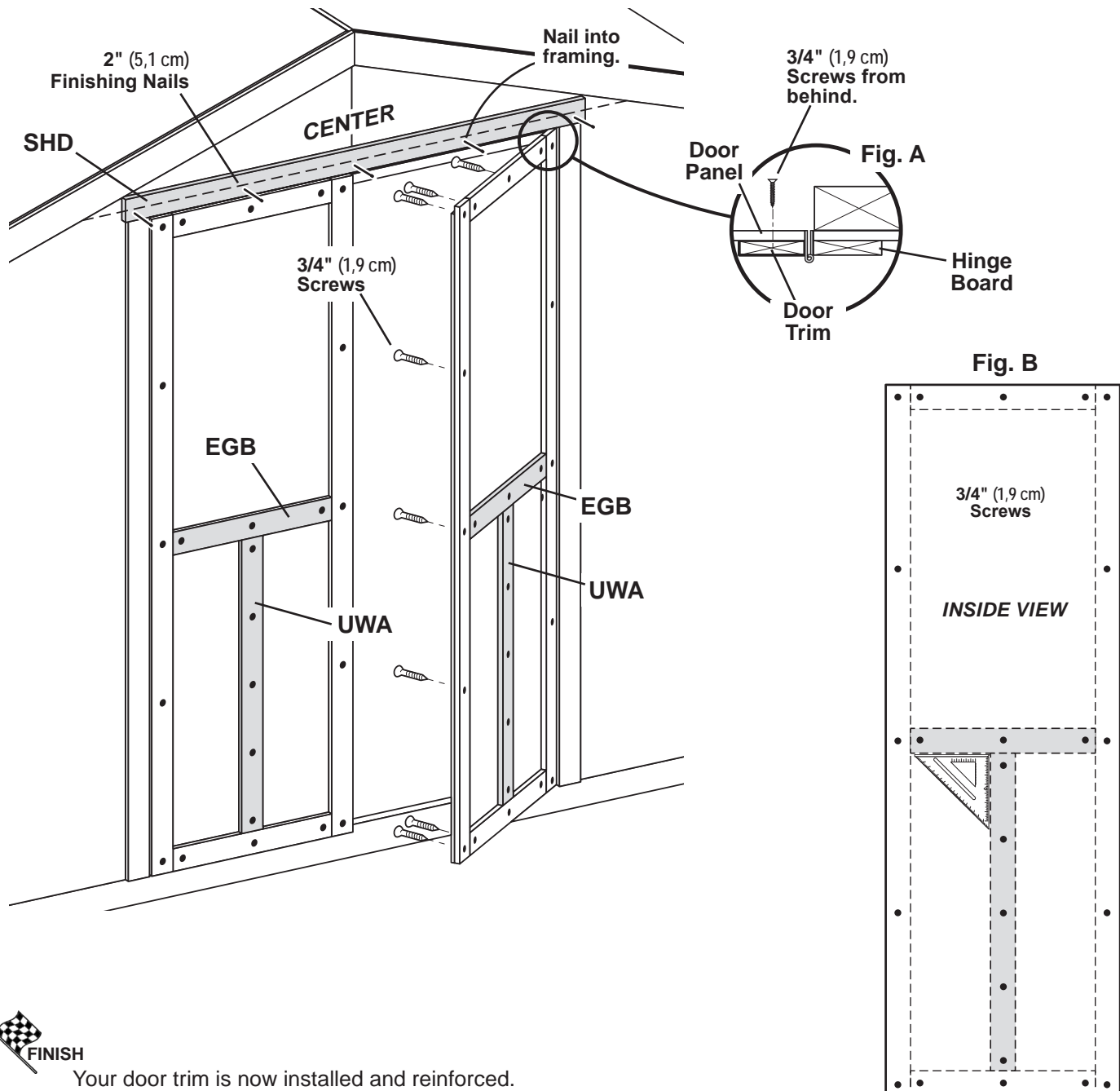
x1 **SHD**
19/32" x 2-1/2" x 54" (1,5 x 6,3 x 137,2 cm)

x2 **EGB**
19/32" x 2-1/2" x 18-5/8" (1,5 x 6,3 x 47,3 cm)



✓ BEGIN

- 1 Reinforce the door trim from inside with 3/4" screws (Fig. A).
- 2 Center 32" vertical door rail **UWA** and secure with 3/4" screws from inside of door (Fig. B). Install 18-5/8" door rail **EGB** flush to **UWA**. Secure with 3/4" screws from inside of door.
- 3 Center **SHD** over doors and secure with (5) 2" nails into framing.

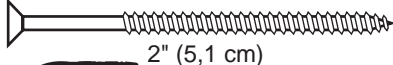


Your door trim is now installed and reinforced.

DOOR STIFFENERS

PARTS REQUIRED:

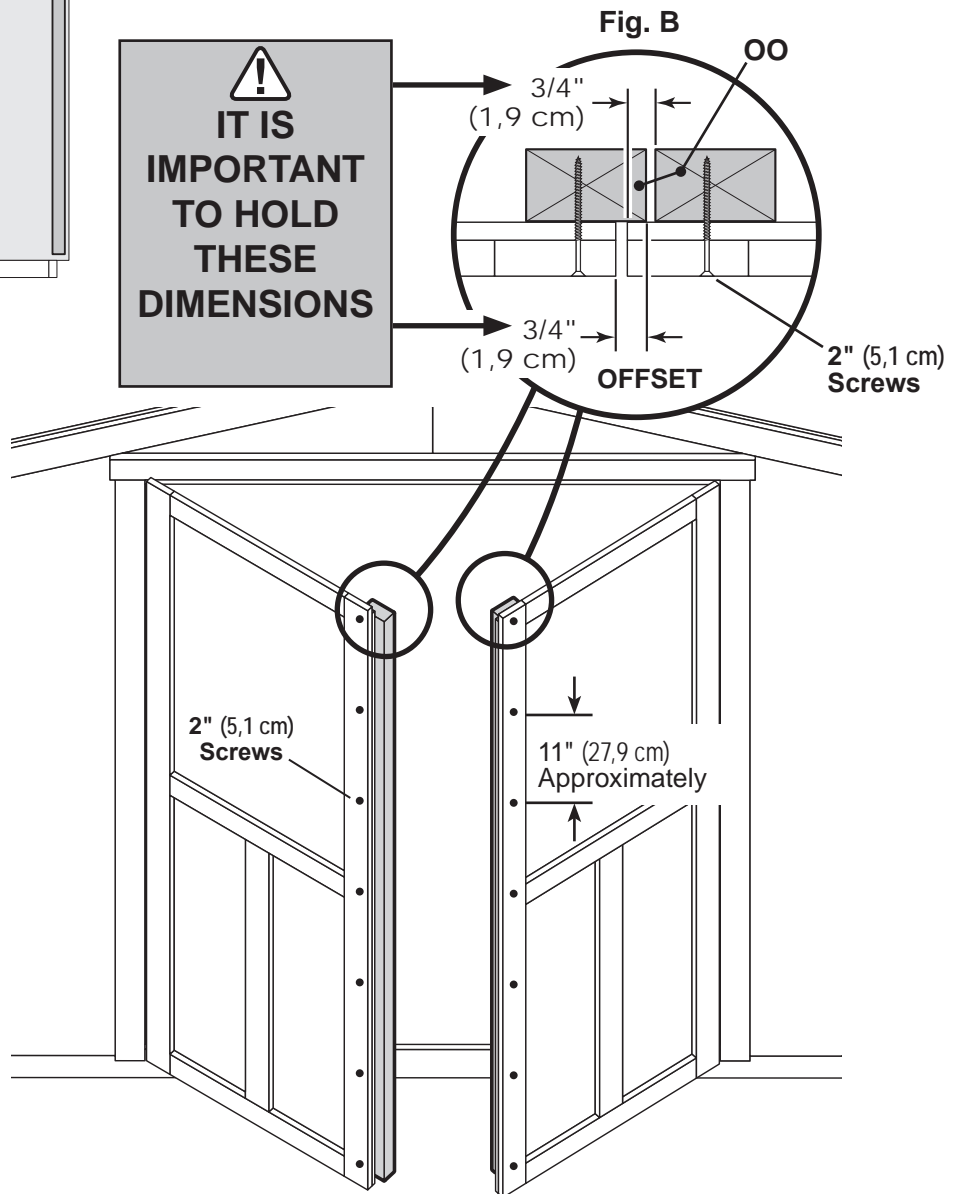
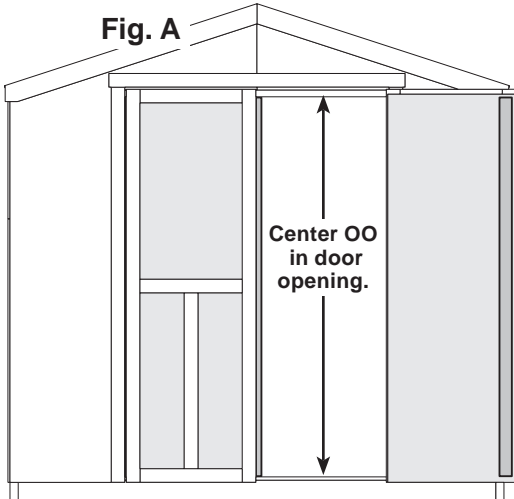
x2 **OO**
69" (175,3 cm) Door Stiffener

x14  2" (5,1 cm)



✓ BEGIN

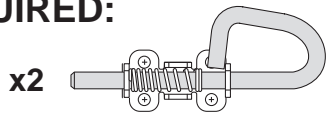
- 1 Center (2) door stiffeners **OO** vertically on each door, as shown (Fig. A). Secure with (7) 2" screws through outside trim into **OO** (Fig. B).



Your door stiffeners are now installed.

DOOR HARDWARE

PARTS REQUIRED:



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



x8 1" (2,5 cm)

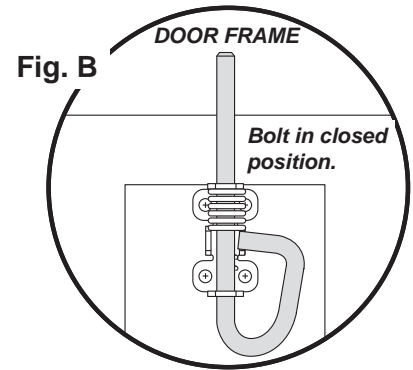
✓ BEGIN

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

Bolt will overlap door frame (Fig. B).

Mark and pre-drill holes for screws.

Secure bolt bracket with screws supplied.

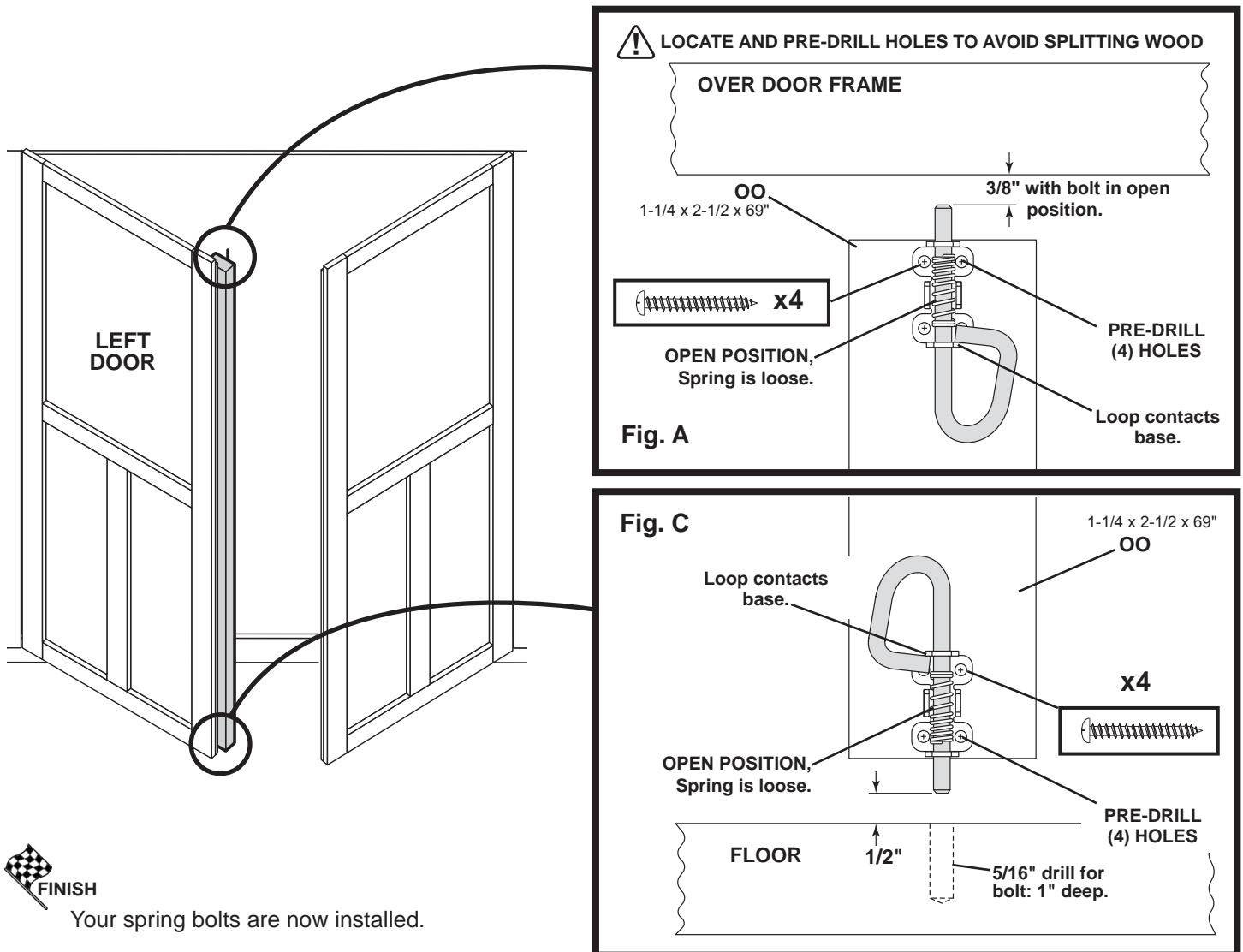


- 2 Place lower bolt onto **OO** in open position with bolt end 1/2" up from floor. Bolt is open when loop is contacting base (**Fig C**).

Mark and pre-drill holes for screws.

Secure bolt bracket with screws supplied.

- 3 Drill 5/16" hole for bolt to extend into.

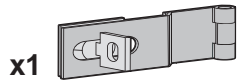



FINISH

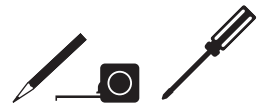
Your spring bolts are now installed.

DOOR HARDWARE

PARTS REQUIRED:

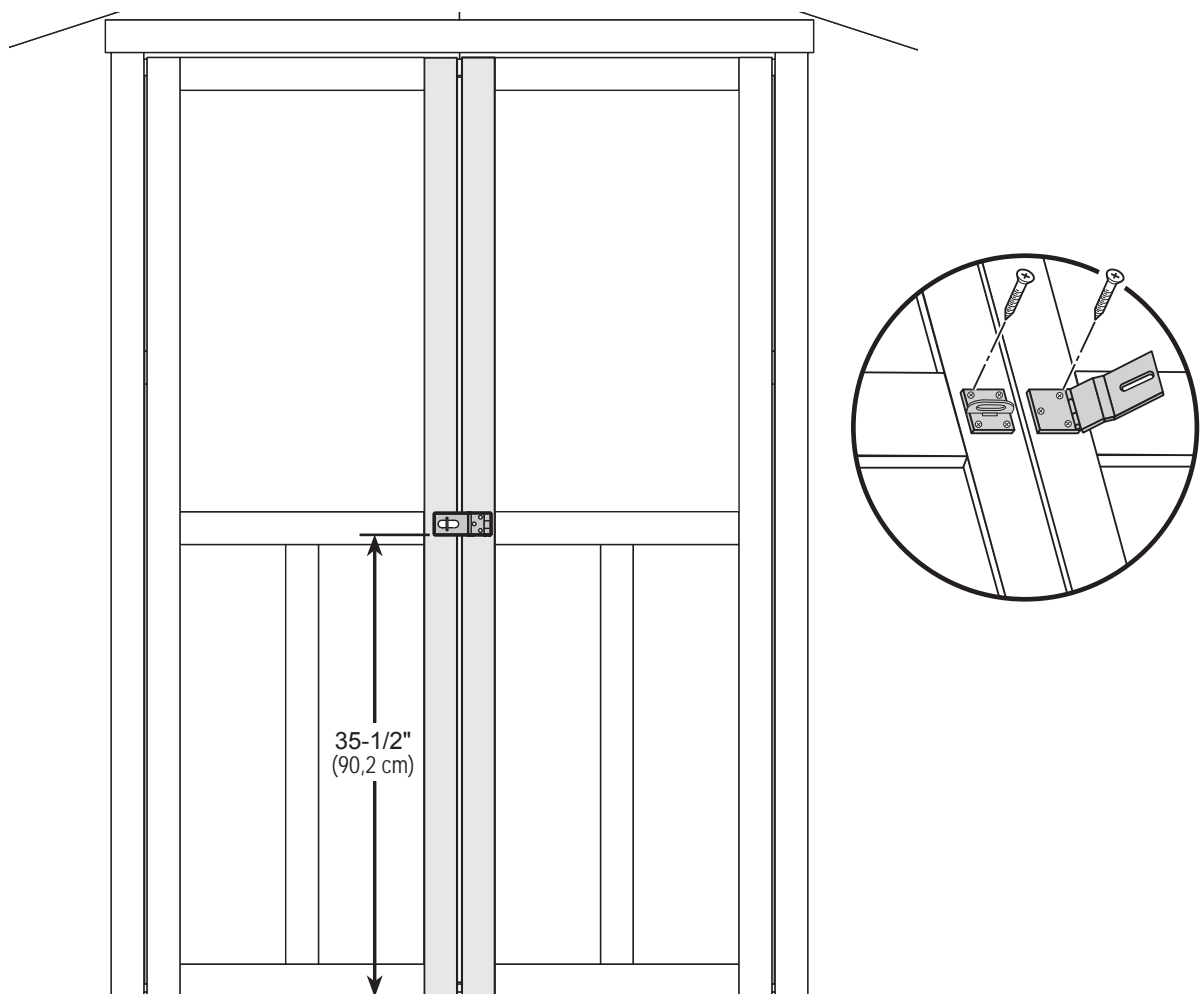


x7 
3/4" (1,9 cm)



✓ **BEGIN**

- 1 Measure and mark hasp position, as shown.
- 2 Center hasp and latch on door trim. Secure with screws, as shown.





 **FINISH**

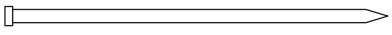
Your hasp is now installed.

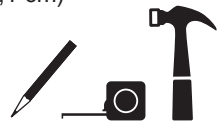
CORNER TRIM

PARTS REQUIRED:

- x4  3/8" x 1-3/4" x 69-3/8" (1,0 x 4,4 x 176,2 cm)
- x4  3/8" x 1-3/4" x 72" (1,0 x 4,4 x 182,9 cm)



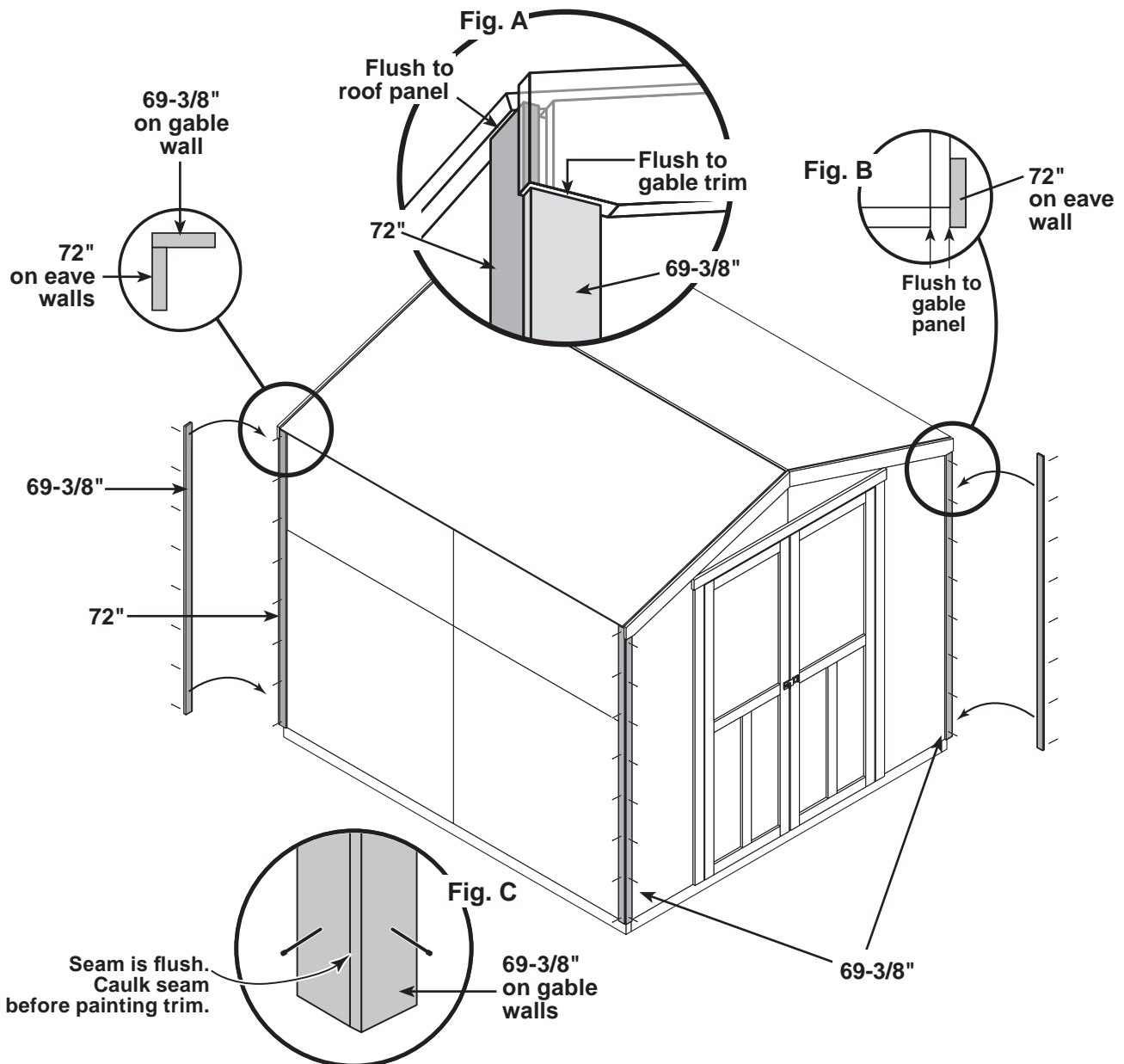
x64  2" (5,1 cm)



✓ BEGIN

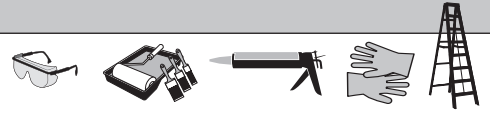
- 1 Install eave side 72" corner trim flush to roof panel (**Fig. A**) and flush with gable wall panel (**Fig. B**). Secure with 2" finishing nails spaced evenly.
- 2 Install gable side 69-3/8" corner trim flush to gable trim and flush along seam of installed corner trim (**Fig. C**). Secure with 2" finishing nails spaced evenly.

Repeat steps to install trim to all four corners.



Your corner trim is now installed.

PAINT & CAULK - NOT INCLUDED -



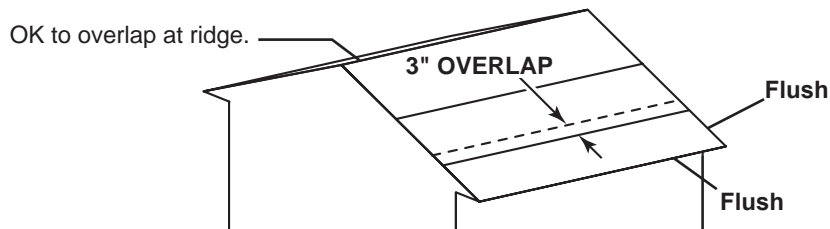
- Use acrylic latex caulk that is paintable. Caulk at all horizontal and vertical seams, between the trim and walls, and all around the door trim.
- Use a high quality exterior acrylic latex paint. When painting your building, there are a few key areas that can be easily overlooked that must be painted: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

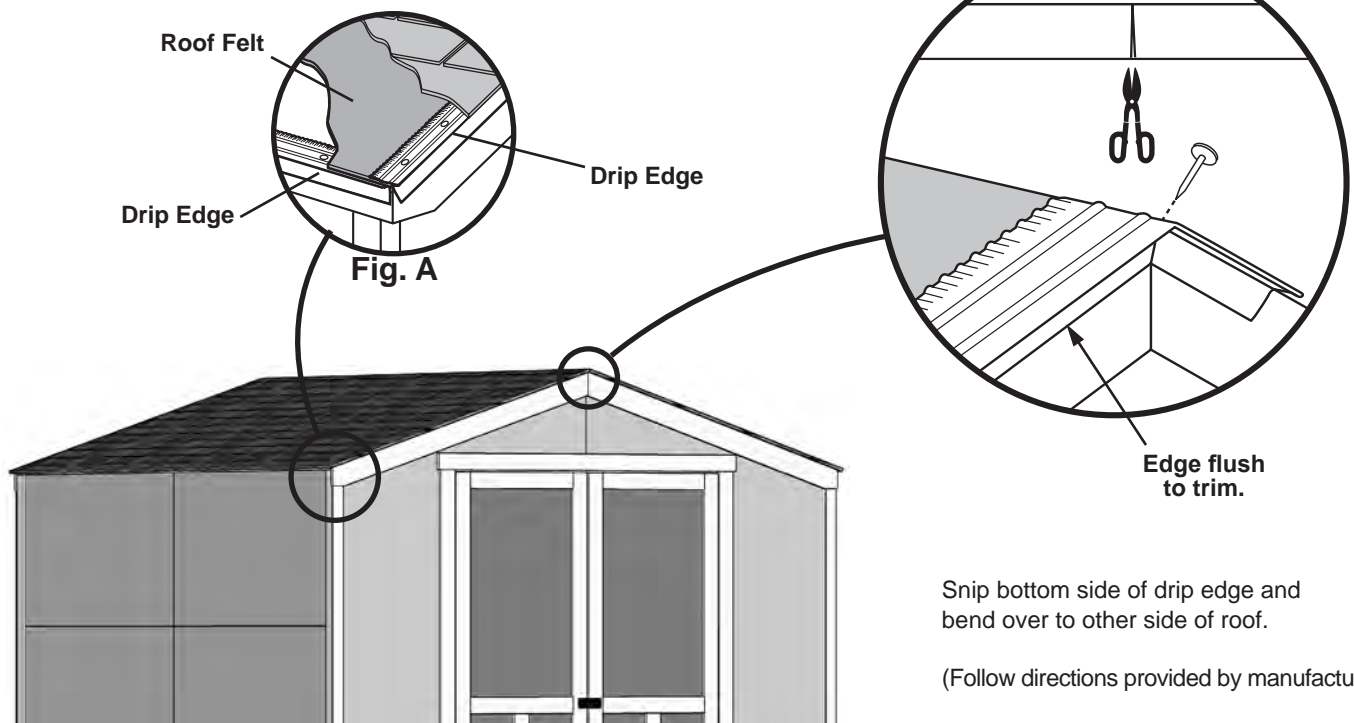
- Install felt flush to all roof edges overlapping 3". Use minimal amount of roofing nails to hold in place.



DRIP EDGE - NOT INCLUDED -

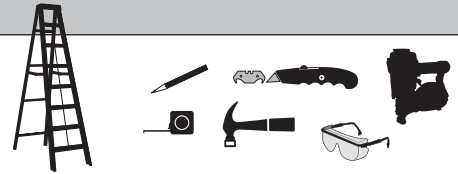


- Install over roof felt on gable side and under roof felt on eave side (**Fig. A**).
- Do not use nails on side of drip edge that hangs over side of building.
- Only nail top of drip edge as shown.

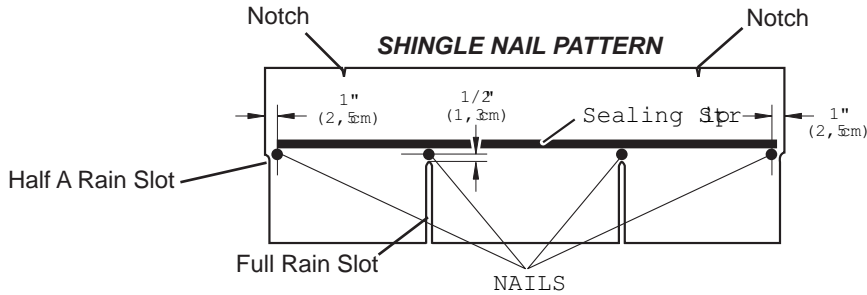


SHINGLES - NOT INCLUDED -

• Follow directions provided by manufacturer and these instructions.



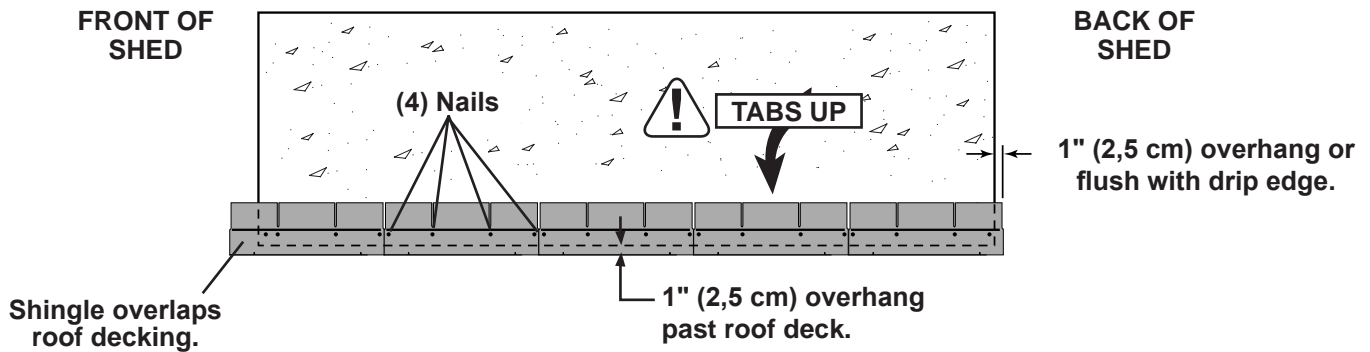
! Familiarize yourself with a 3-Tab Shingle.



! NEVER DRIVE FASTENERS INTO OR ABOVE SEALING STRIPS.

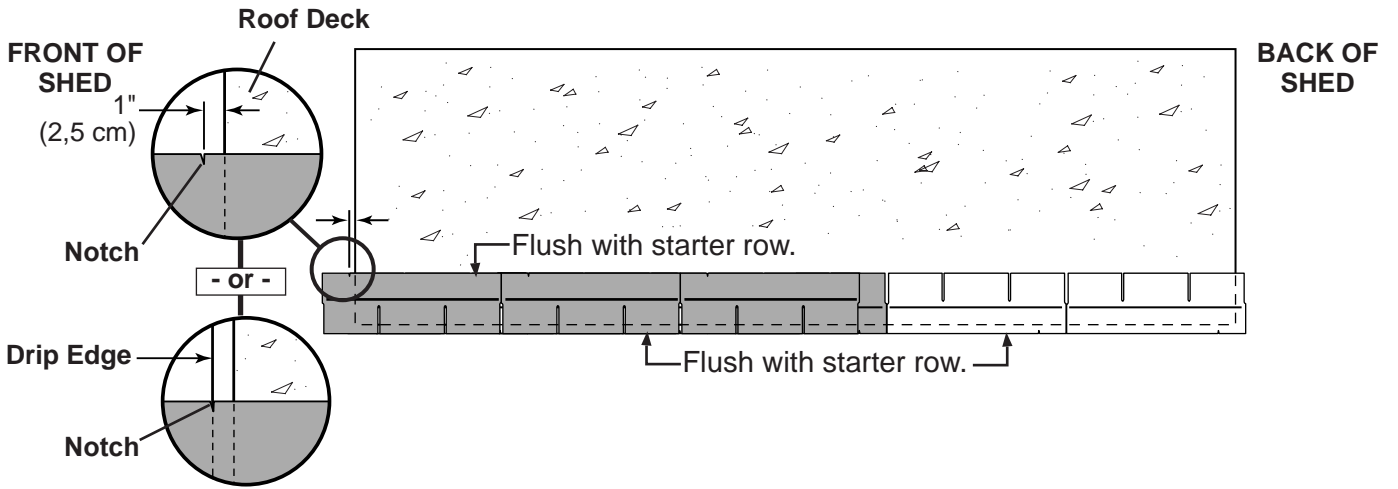
✓ BEGIN

- 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.

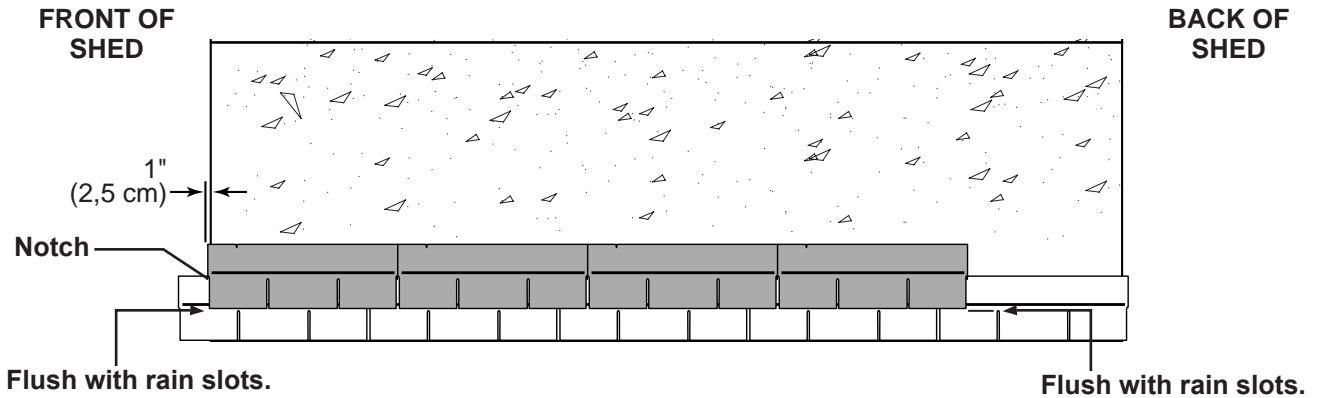


SHINGLES continued...

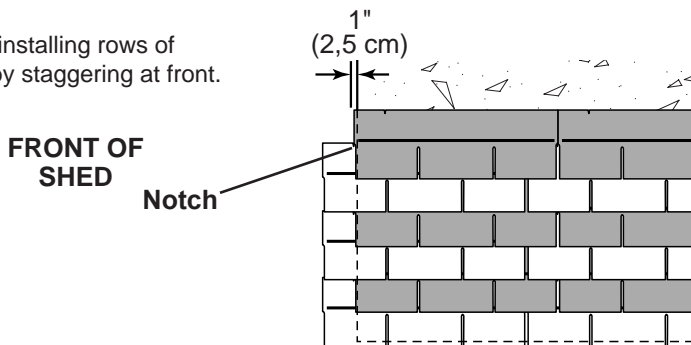
- 2** Beginning at front of shed, install first row of shingles with notch at 1" past roof edge or flush with drip edge.



- 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.

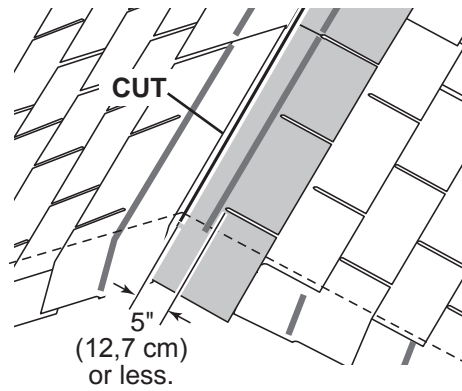
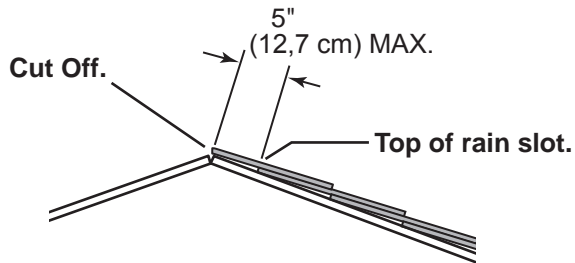


- 4** Continue installing rows of shingles by staggering at front.



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.

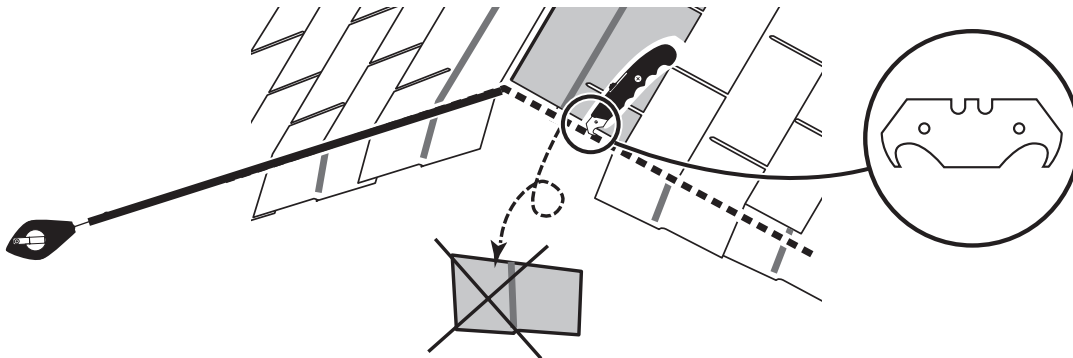


- ! • If more than 5" to rain slot you must install another row of shingles.

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

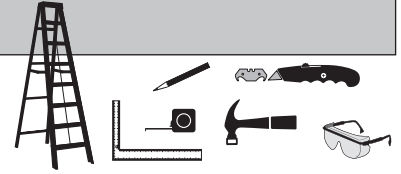
- 7 Once both sides are shingled you need to trim ends. Strike a chalk line 1" from edge.

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



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

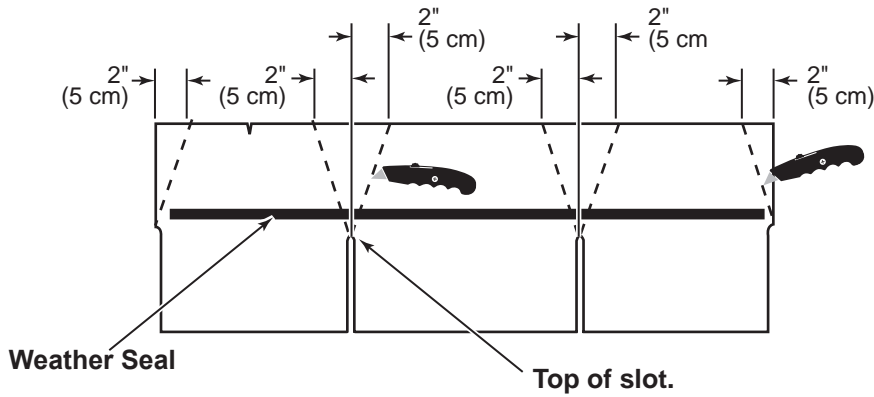
SHINGLES - RIDGE CAP



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

BEGIN

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

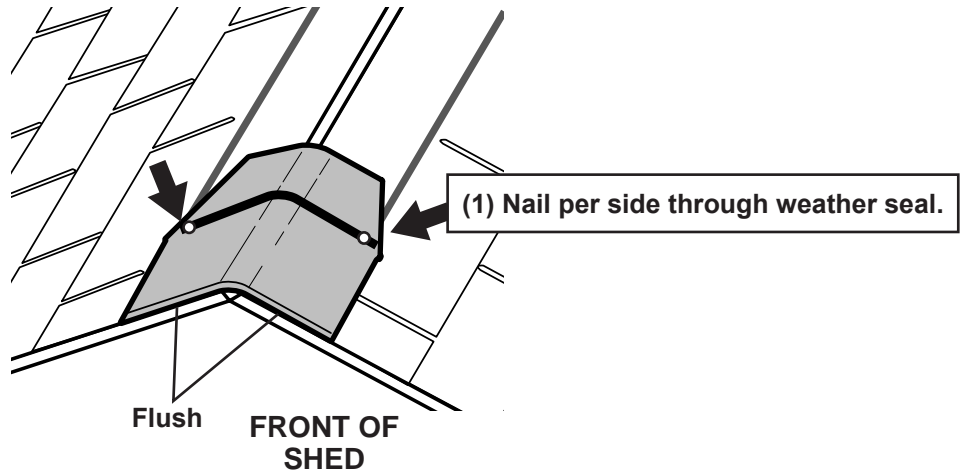


 Score shingle, then snap-off angled cut.

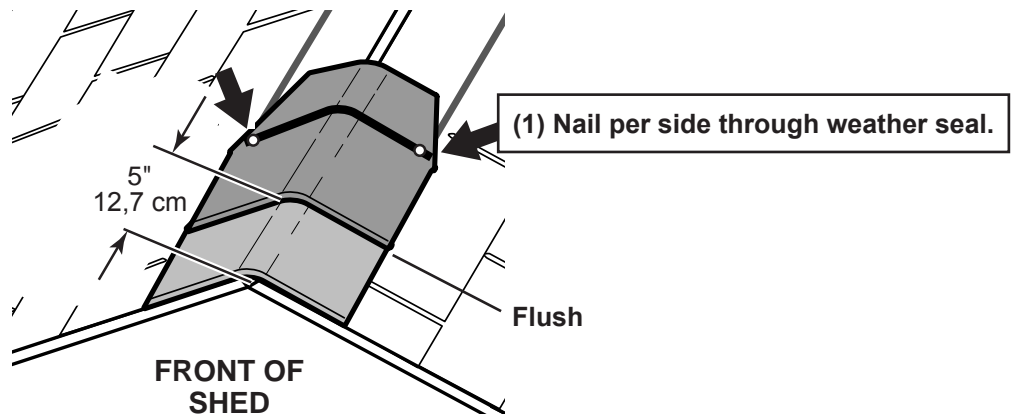
Note: • You will need about 21 - 23 cut pieces.

21 to 23 Pieces

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

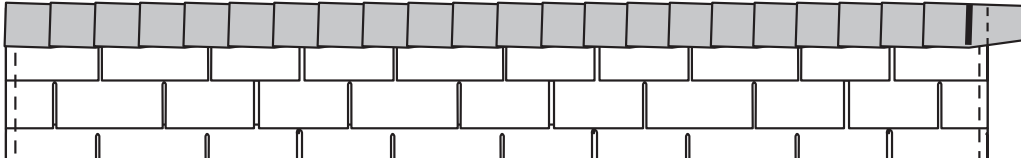


3 Install second ridge cap 5" back, as shown.

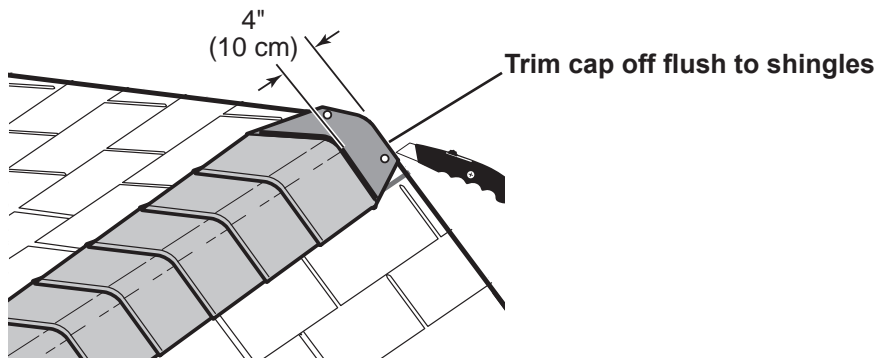


SHINGLES - RIDGE CAP continued...

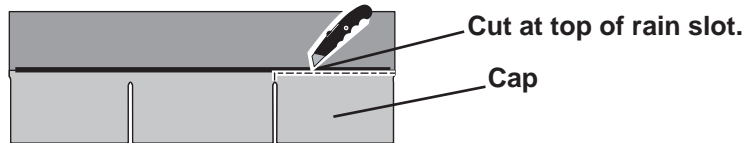
- 4 Continue installing ridge cap to back of roof.



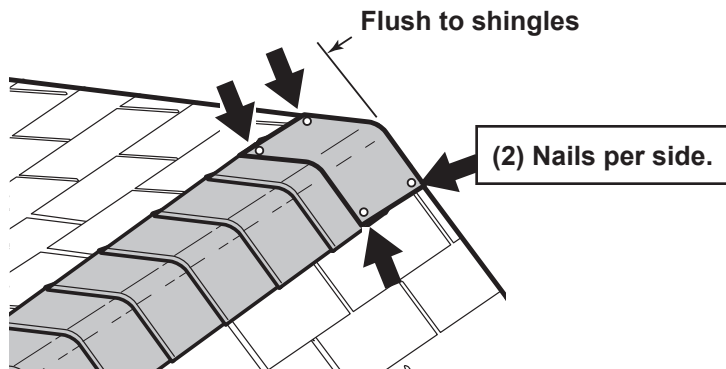
- 5 Make sure there is 4" between the shingle-color and edge of shingles.



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



- 7 Install flush to shingles.



FINISH

- 8 You have finished your ridge cap.

16865-A 7-1/2' x 8' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART ID
2 X 3	SW Horizontal Framing	2 X 3 X 93" SUPPORT	Q 93000000000	2	PL
	SW / BW Vertical Framing "A"	2 X 3 X 45 3/4" SUPPORT	Q 45120000000	3	NB
	SW Vertical Framing "B"	2 X 3 X 20"	Q 20000000000	2	TKC
	FW / BW Studs	2 X 3 X 69-1/4"	Q 69040000000	6	OOA
	FW / BW Top Plate	2 X 3 X 90" @ 72" B/E	Q 90007272000	2	UAD
	Gable Connector	2 X 3 X 9-3/4"	Q 09120000000	2	VAN
	Back Wall Horizontal Framing	2 X 3 X 85"	Q 85000000000	1	WEA
	BW Vertical Framing "B"	2 X 3 X 21" FRAMING & CRATE	Q 21000000000	1	BJD
2 X 4	Purlin	LUM SPF 2X4X96 #2&BTR	12306	4	TP
	SW Beveled Top Plate	2 X 4 X 93" @ 18" BEVEL	O 9300000018B	2	XEM
1 X 3 PINE	Gauge Block	1 X 3 X 5" PINE FILLER	U 05000000000	1	GAA
7/16 OSB	Roof Panel	OSB 7/16" x 4' x 8'	11110	2	---
NO GROOVE SIDING	Right Front Wall	NG 45" x 86-3/4" RIGHT FRONTWALL	K 86124500100	1	---
	Left Front Wall	NG 45" x 86-3/4" LEFT FRONTWALL	K 86124500200	1	---
	Lower Side Wall Panel	SIDING NG 4" X 4"	11504	4	---
	Lower Back Wall Panel	3/8" NG 45" X 48"	K 48004500000	2	---
	Upper Side Wall Panel	NG 23 7/8" X 48" WALL PANEL	K 480023140SG	4	---
	Upper Back Wall Panel	NG 23 7/8" X 45" WALL PANEL	K 450023140SG	2	---
	Back Right Gable Panel	3/8" NG 14 3/4" X 45" RIGHT GABLE	K 45001412100	1	---
	Back Left Gable Panel	3/8" NG 14 3/4" X 45" LEFT GABLE	K 45001412200	1	---
	Corner Trim - Side	3/8" NG 1 3/4" X 69-3/8"	K 69060112000	4	---
	Corner Trim - Front and Back	3/8" NG 1 3/4" X 72"	K 72000112000	4	---
19/32 X 3 SMART TRIM	Over Door Trim	19/32 TST 2 1/2" X 54"	UT54000208000	1	SHD
	Vertical Door Trim	19/32 TST 2 1/2" X 32" DOOR T	UT32000208000	2	UWA
	Horizontal Rail	19/32 TST 2 1/2" X 18-5/8" RAIL	UT18100208000	2	EGB
19/32 X 4 SMART TRIM	Right Gable Trim	19/32 TST 3 1/2" X 48-1/4" @ 18" B/E RGT GABLE TRIM	UT48041818100	2	YPR
	Left Gable Trim	19/32 TST 3 1/2" X 48-1/4" @ 18" B/E LFT GABLE TRIM	UT48041818200	2	YPL
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	OO
	Hardware Kit	H/K (33724) VALUE 7.5X8 GABLE	15747	1	---
	Z-channel	Z CHANNEL 3/8" X 8" PLASTIC	17209	3	---
PACKAGING	Instructions		16865-A	1	---
Left Door Assembly	30625-L				
	Door Panel	3/8" NG 23-3/8" X 70 3/4" DOOR	K 70122306000	1	---
	Left Hinge Assembly	HINGE RIGHT (RED) 19/32x3 THIN TRIM	30121-TT	1	---
	Vertical Door Stile	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Rail	19/32 TST 2 1/2" X 18-5/8" RAIL	UT18100208000	1	EGB
Right Door Assembly	30625-R				
	Door Panel	3/8" NG 23-3/8" X 70 3/4" DOOR	K 70122306000	1	---
	Right Hinge Assembly	HINGE LEFT (GREEN) 19/32x3 THIN TRIM	30131-TT	1	---
	Vertical Door Stile	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	2	GY
	Horizontal Rail	19/32 TST 2 1/2" X 18-5/8" RAIL	UT18100208000	3	EGB

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