16903



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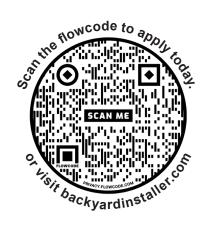
Flexible schedule

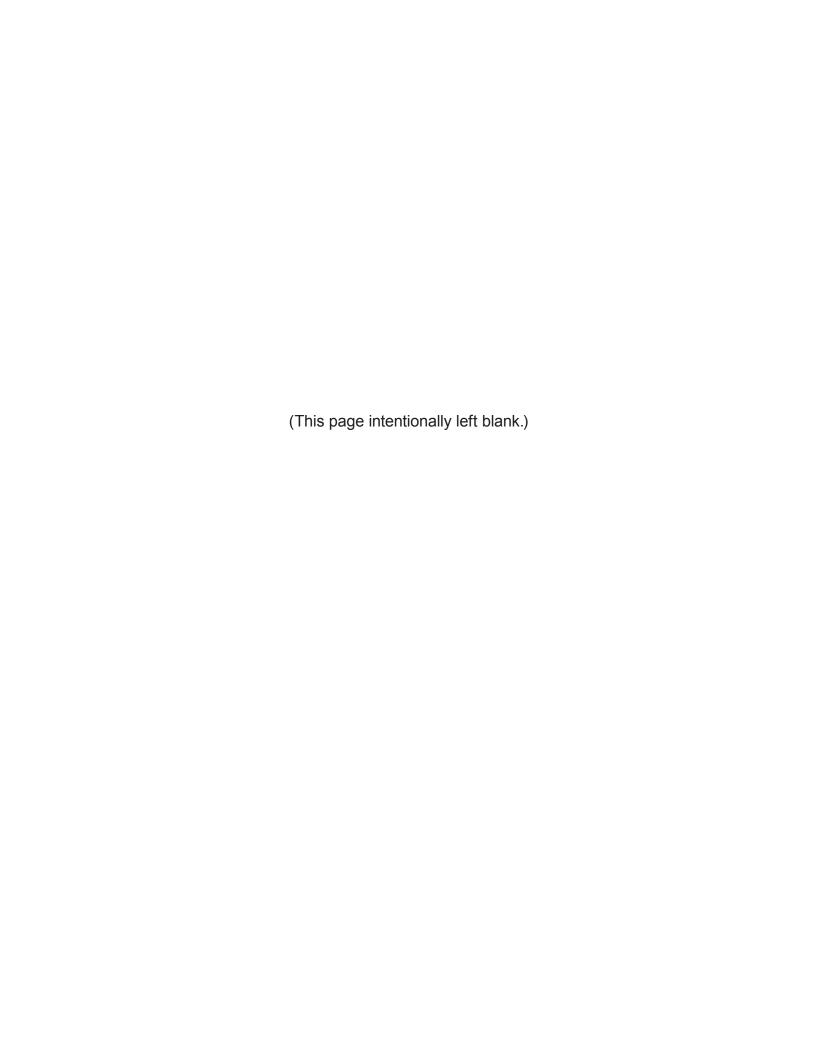


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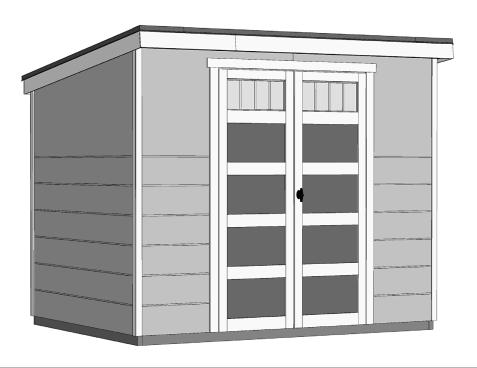


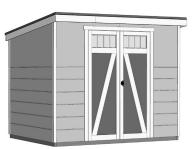
#### ASSEMBLY MANUAL

MODERN 8' x 6' (243,8 x 182,9 cm)

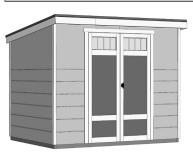
ACTUAL FLOOR SIZE IS 96" x 72" (243,8 x 182,9 cm)

#### **KEEP THIS MANUAL FOR FUTURE REFERENCE**





Three options for door trim.



### ⚠ 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 4-7.

#### ADDITIONAL MATERIALS

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



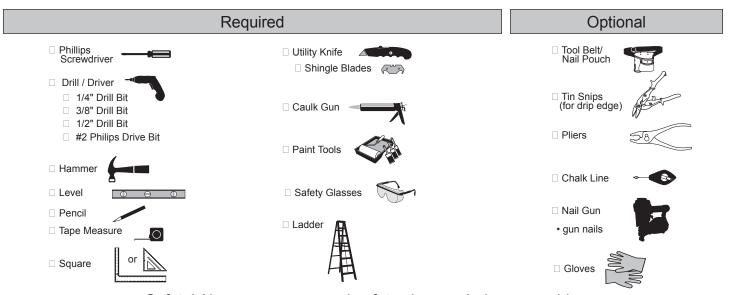
### \*\*\*CONTACT OUR CUSTOMER SERVICE TEAM IF ANY PARTS ARE MISSING OR DAMAGED\*\*\*



- Order form and warranty at back of manual -

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

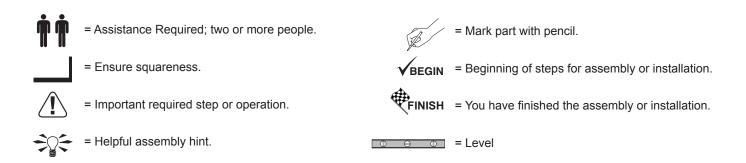
#### **TOOLS**



Safety! Always use approved safety glasses during assembly.

#### HELPFUL REMINDER SYMBOLS

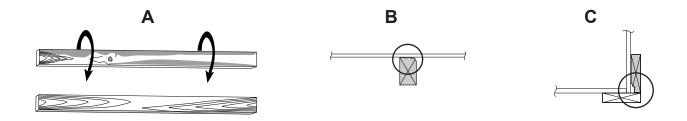
Look for these symbols for helpful reminders throughout this manual.



#### 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.  $\bf A$ ,  $\bf B$ ,  $\bf C$ .)



#### **ADDITIONAL MATERIALS**

#### FOUNDATION OR FLOOR MATERIALS

- A complete floor is supplied with this shed.
- 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 install your floor on a concrete slab, refer to page 8.

#### REINFORCED WOOD FLOOR FRAME (OPTIONAL)

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

<b>x3</b> 2 x 4 x 8' (5 x 10 x 243,8 cm) Treated Lumber Cut to: 2 x 4 x 93" (5 x 10 x 236,2 cm)	Optional 12" (30,5 cm) spacing Standard 24" (61 cm) spacing				
COMPLETING YOUR SHED					
You will need t	these additional materials:				
PAINT FOR SIDING	PAINT FOR TRIM 2 Quarts Use 100% acrylic latex exterior paint.				
TO VALIDATE YOUR WARRA	NTY YOU MUST USE THE FOLLOWING:				
CAULK	>				
NAIL BOXES					
x1 BOXES 2" (S	3" (7,6 cm) 5,1 cm)				

#### PARTS IDENTIFICATION AND SIZES

Part identification letters are stamped on some parts.

RS RS

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)

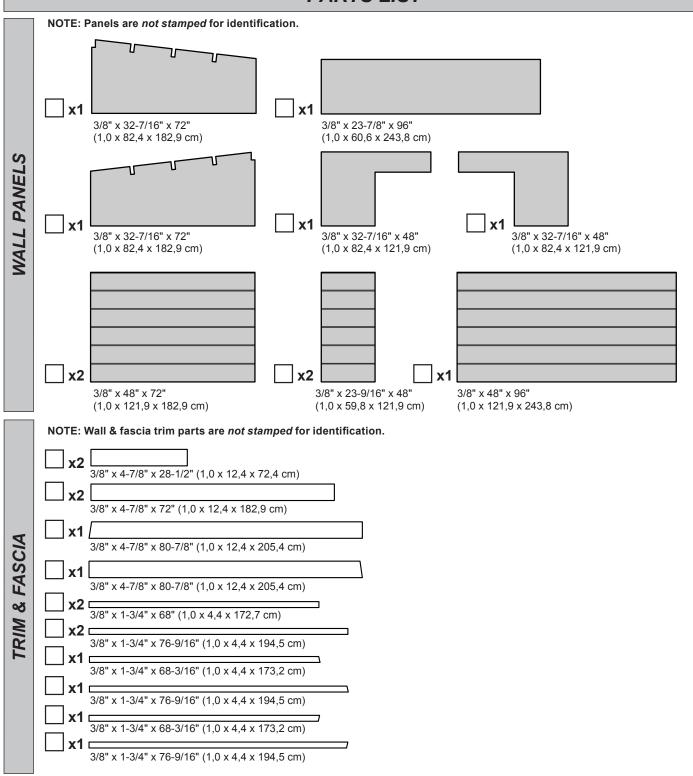
1 x 4 .........3/4" x 3-1/2" (1,9 x 8,9 cm)

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)

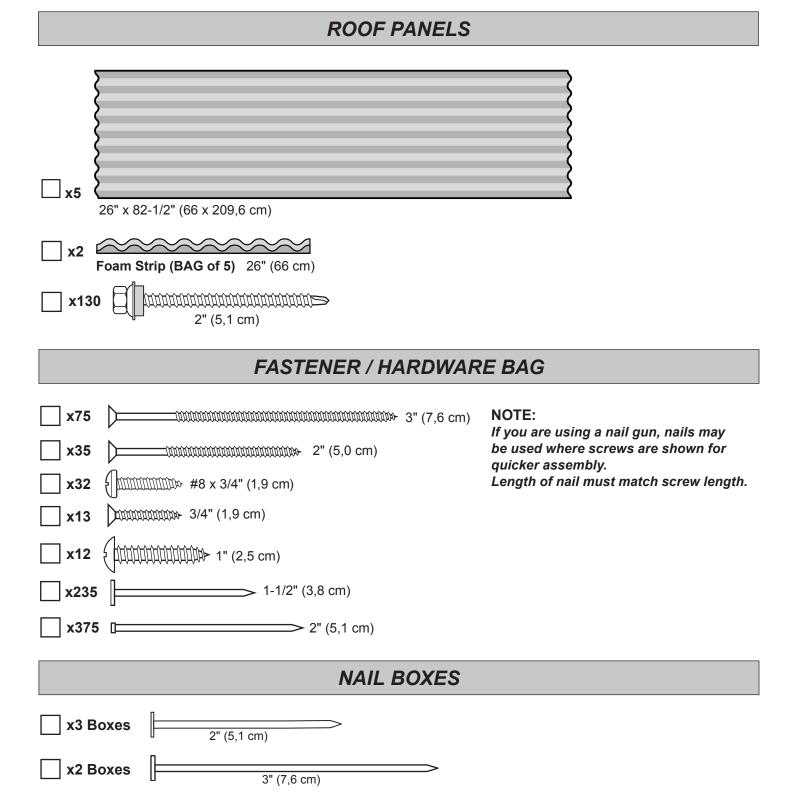
	PARTS LIST				
	V	INV	<b>ENTORY YOUR PARTS before you begin.</b> We suggest sorting parts by the category they are listed in.		
		х3	<b>IXB</b> 2 x 3 x 4-1/16" (5,1 x 7,6 x 10,3 cm)		
		х3	<b>AFD</b> 2 x 4 x 4-7/16" (5,1 x 10,2 x 11,3 cm)		
		<b>x2</b>	<b>WFS</b> 2 x 3 x 22-1/16" (5,1 x 7,6 x 56 cm)		
WALLS		<b>x2</b>	<b>TNB</b> 2 x 3 x 22-5/8" (5,1 x 7,6 x 22,9 cm)		
		<b>x2</b>	<b>LOA</b> 2 x 3 x 27-11/16" (5,1 x 7,6 x 60,2 cm)		
		<b>x8</b>	<b>ND</b> 2 x 3 x 45-1/4" (5,1 x 7,6 x 114,9 cm)		
		<b>x1</b>	<b>QXA</b> 2 x 3 x 51-7/8" (5,1 x 7,6 x 131,8 cm)		
		<b>x2</b>	<b>OV</b> 2 x 3 x 69" (5,1 x 7,6 x 175,3 cm)		
		<b>x2</b>	ONB 2 x 3 x 69-7/8" (5,1 x 7,6 x 177,5 cm)		
		<b>x2</b>	<b>RPY</b> 2 x 4 x 80-11/16" (5,1 x 10,2 x 204,9cm)		
		<b>x</b> 1	<b>PT</b> 2 x 3 x 96" (5,1 x 7,6 x 243,8 cm)		
		<b>x2</b>	TPC		
		<b>x4</b>	<b>UXA</b> 2 x 4 x 96-3/4" (5,1 x 10,2 x 245,7 cm)		
)R		<b>x2</b>	<b>TREATED</b> 2 x 4 x 72" (5,1 x 10,2 x 182,9 cm)		
FLOOR		<b>x4</b>	TREATED 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)		
Ī	Ш	<b>^</b>			
	NO.	TE: P	anels are <i>not stamped</i> for identification. Floor panels are 5/8" (1,6 cm) thick.		
S					
ΙĒΓ		<b>x1</b>			
A			5/8" x 23-7/8" x 96" (1,6 x 60,6 x 243,8 cm)		
8 P					
0					
FLOOR PANEL					
F					
		<b>x1</b>			
			5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm)		

#### **PARTS LIST**



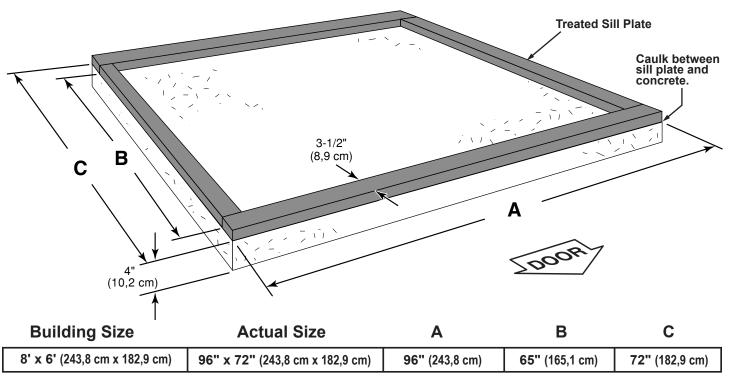
#### **PARTS LIST** NOTE: Soffit trim parts are not stamped for identification. **」** x1 3/8" x 5-13/16" x 24" (1,0 x 14,8 x 61 cm) SOFFIT TRIM 3/8" x 5-13/16" x 75-3/4" (1,0 x 14,8 x 192,4 cm) 3/8" x 1-1/2" x 23-7/8" (1,0 x 3,8 x 60,6 cm) 」x1 [ 3/8" x 1-1/2" x 76" (1,0 x 3,8 x 193 cm) x2 [ 3/8" x 1-1/2" x 73-5/16" (1,0 x 3,8 x 192,4 cm) **DOORS** \*8 ) 10-1/2" x 20-3/4" (26,7 x 52,7 cm) 3/4" (1,9 cm) x8 RIC 3/8" x 3-1/2" x 18-5/8" (1,0 x 8,9 x 47,3 cm) 3/8" x 3-1/2" x 55-9/16" (1,0 x 8,9 x 141,1 cm) x1 \AIC 3/8" x 3-1/2" x 55-9/16" (1,0 x 8,9 x 141,1 cm) 3/8" x 3-1/2" x 10-3/4" (1,0 x 8,9 x 27,3 cm) x1 [JSA] 3/8" x 1-1/2" x 54-9/16" (1,0 x 3,8 x 138,6 cm) x2 [00 69" Door Stiffener (175,3 cm) \_\_ x1 \_ x1 1-1/2" (3,8 cm) \_\_ x1 | x1 48" Metal Threshold **x8** Bagged separately / special coating 1" (2,5 cm) METAL TRIM / RAKE FLASHING **x**3

Rake Flashing 15454 1-1/4" x 95-1/2" (3,2 x 242,6 cm)



#### **CONCRETE FOUNDATION**

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

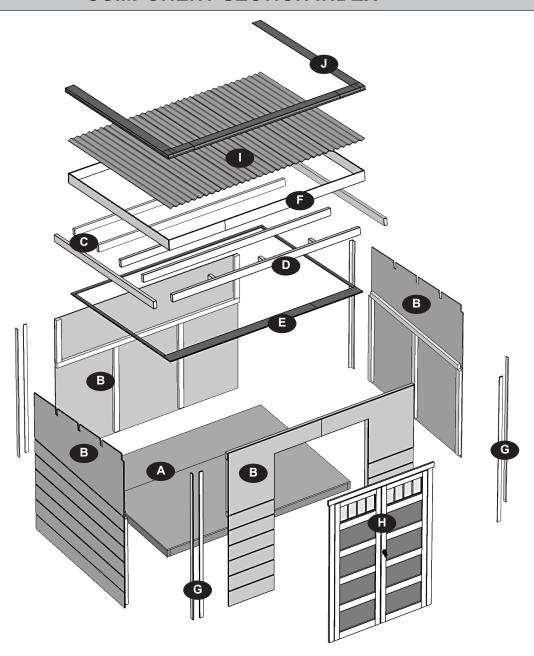


#### Requires:

- 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
Floor	Α	11
Walls	В	15
Roof Framing	С	30 & 34
Front Overhang	D	32
Soffit	E	35
Fascia	F	36
Corner Trim	G	37 & 47
Doors	Н	38
Roof Panels	I	48
Rake Flashing	J	54

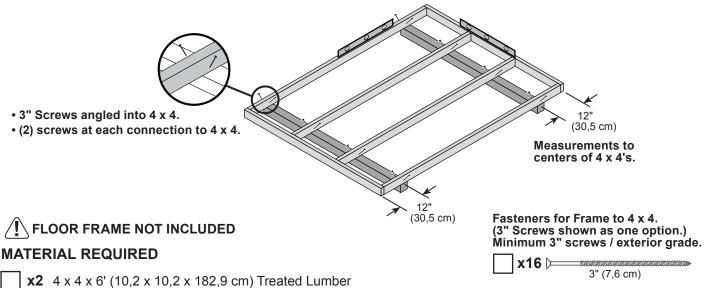
#### OPTIONAL WOOD FRAME FLOOR LEVELING OPTIONS

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

Leveling materials are not included in this kit.

#### PREFERRED METHOD - 4 x 4 TREATED RUNNERS (Typical for 8' x 6' Kit)

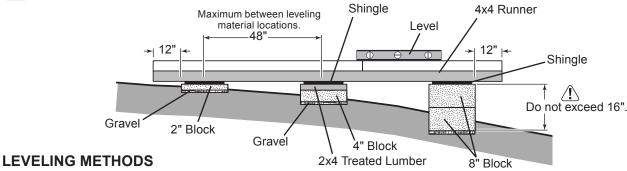
Runners are generally 12" (30,5 cm) from ends of floor frame and under seams.



\_\_\_\_ **X2** 4 x 4 x 6" (10,2 x 10,2 x 182,9 cm) Treated Lumber

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

Always support frame seams.



- 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.

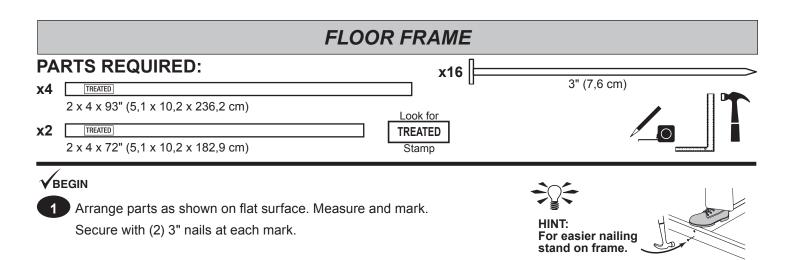
#### LEVELING MATERIALS

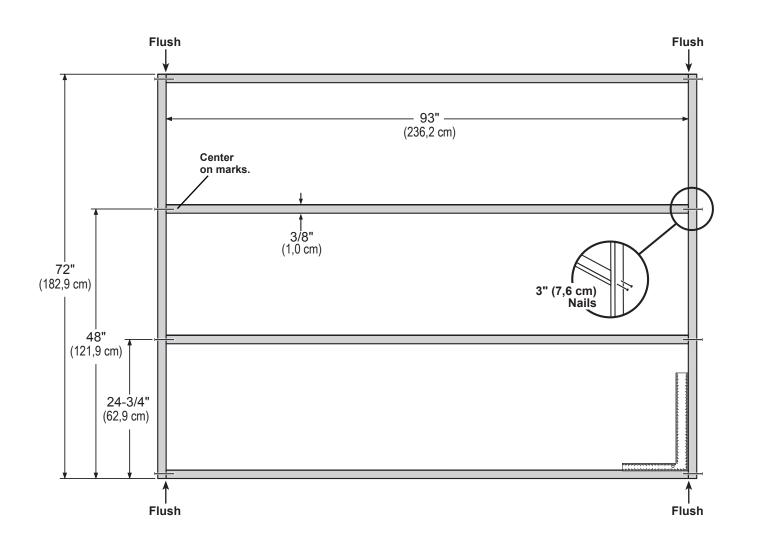
Gravel
Solid Masonry Blocks in 1", 2", 4" or 8" thickness
2x4 Treated Lumber
Asphalt Shingles
_

#### Leveling higher than 16" not recommended.

#### **CONCRETE**

• If you are building your shed on a concrete foundation see page 8.







Your floor frame is now complete.



#### LEVEL AND SQUARE FLOOR FRAME



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



#### OPTIONAL 4x4 RUNNERS ARE NOT INCLUDED WITH THIS SHED

#### BEGIN

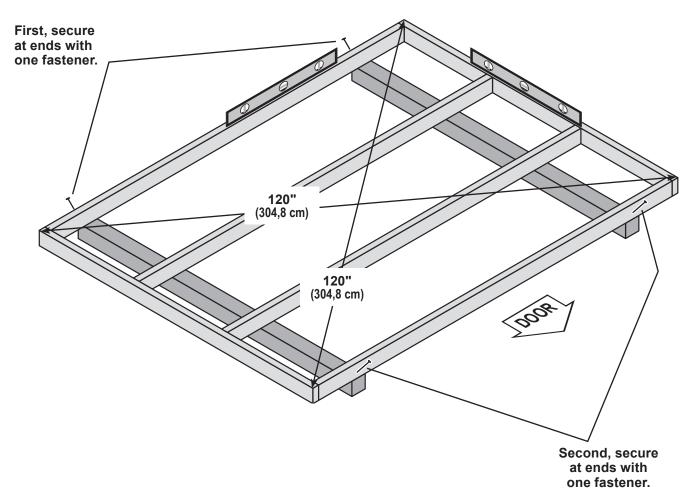
- 2 Use a level to ensure the frame is level before installing floor panels.
- Check for frame squareness by measuring diagonally across corners. If the measurements are the same, the frame is square.

  The diagonal measurement will be approximately 120" (304,8 cm).
- When the frame is level and square, secure one side of frame to the 4x4 runners using one fastener at ends of each runner. Move to the opposite end of the frame.

  Secure the frame to 4x4 runners with one fastener at ends of each runner, making sure the frame remains square.



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



# FLOOR PANELS PARTS REQUIRED: x1 5/8" x 48" x 96" (1,6 x 121,9 x 243,8 cm) x1 5/8" x 23-7/8" x 96" (1,6 x 60,6 x 243,8 cm)

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

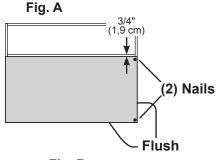
#### **√**BEGIN

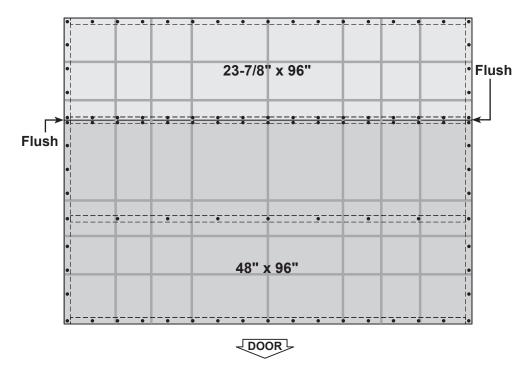
- Install the **48"** x **96"** panel with the 48" edge and corner flush to the floor frame (**Fig A**). Ensure 3/4" measurement on the frame. Secure panel with (2) 2" nails in the corners.
- Move to the opposite side. Using the long edge of the panel as a lever, move the panel side-to-side until the corner is flush to the floor frame and (Fig. B). Ensure 3/4" measurement on the frame.

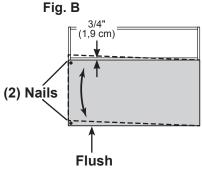
  Secure panel with (2) 2" nails in the corners.

Install the 23-7/8" x 96" panel flush to installed panel and flush to the floor frame.

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







4 Continue securing the panels with 2" nails spaced 6" apart on edges and 12" apart inside panels.

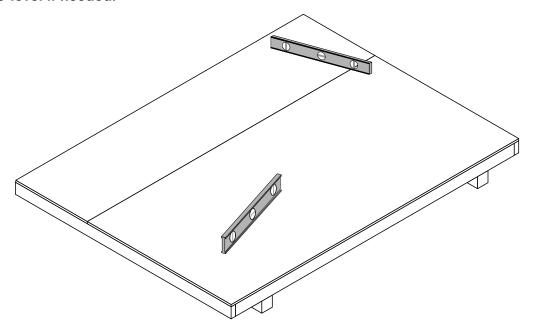


Your floor is now assembled.

#### **IMPORTANT!**



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

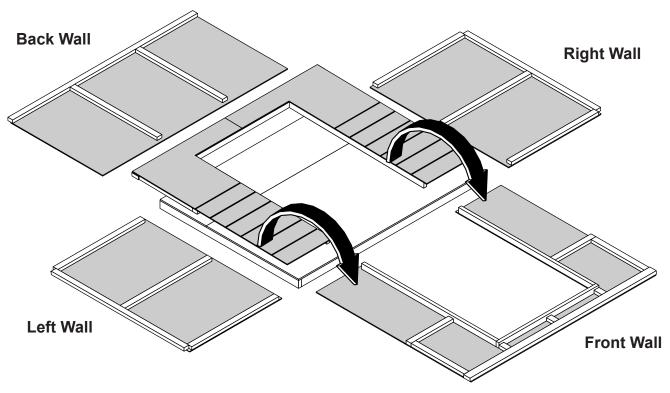


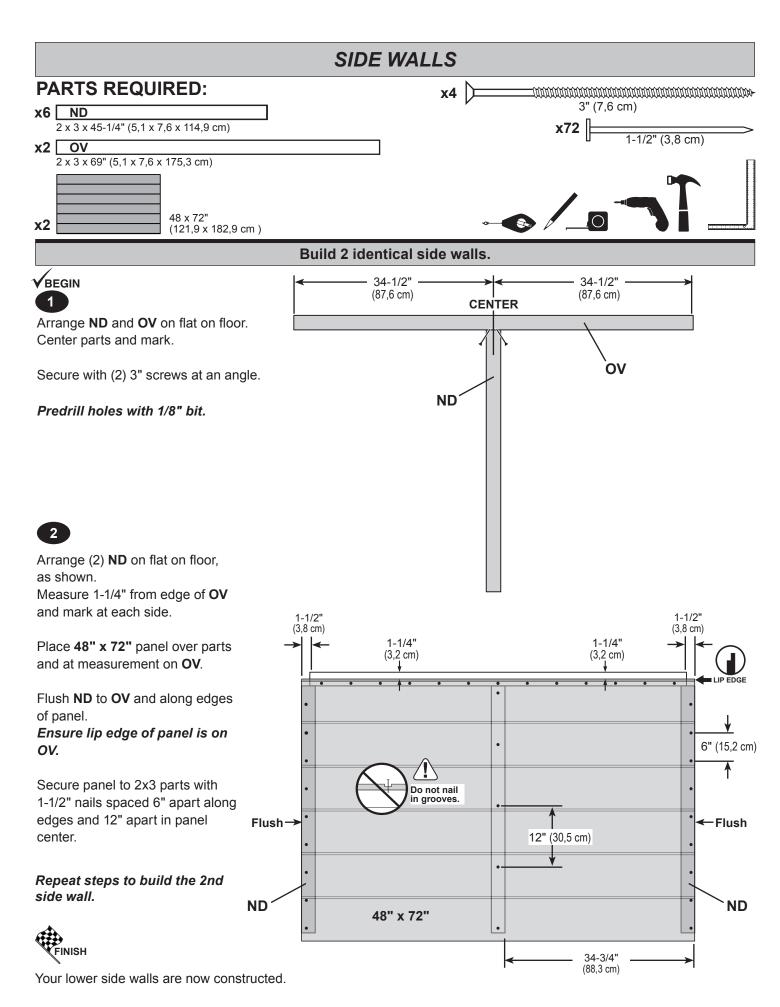


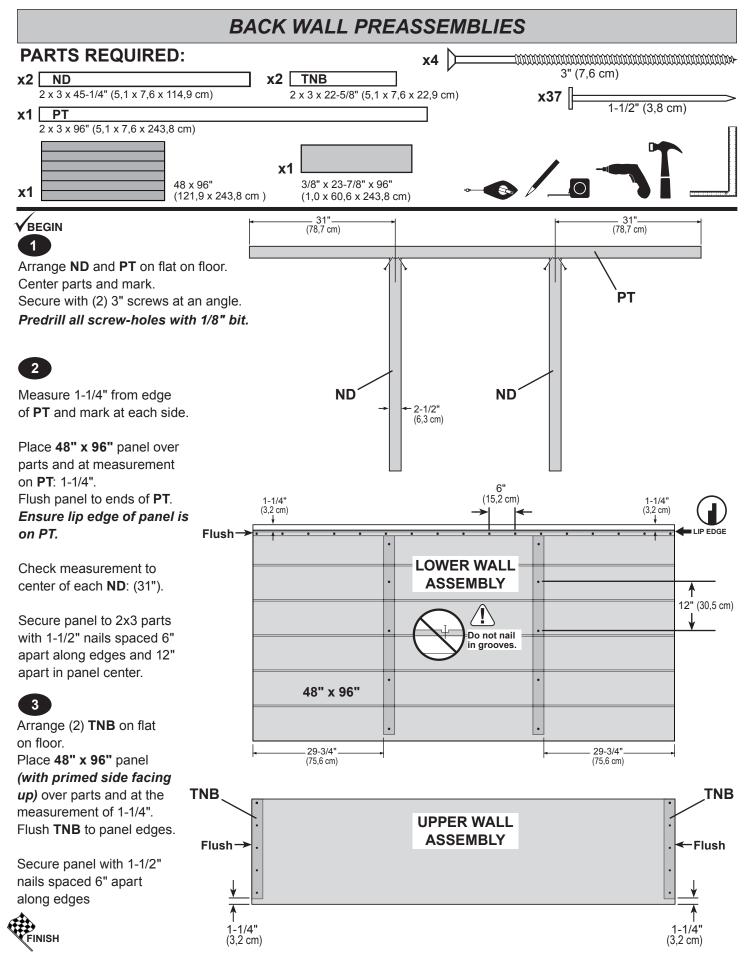
• The floor should be used as a level work surface for wall construction.

HINT:

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







Your lower and upper back wall sub-assemblies are now constructed.

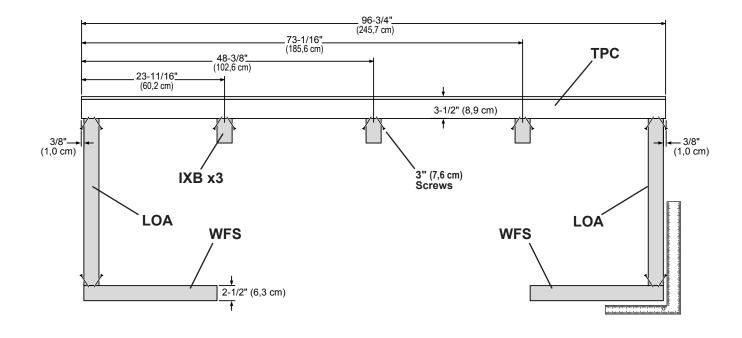
#### FRONT WALL UPPER FRAME **PARTS REQUIRED:** x14 3" (7,6 cm) x3 IXB x2 LOA 2 x 3 x 27-11/16" (5,1 x 7,6 x 60,2 cm) 2 x 3 x 4-1/16" (5,1 x 7,6 x 10,3 cm) x2 WFS 2 x 3 x 22-1/16" (5,1 x 7,6 x 56 cm) TPC **Tapered Profile** x2 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm)

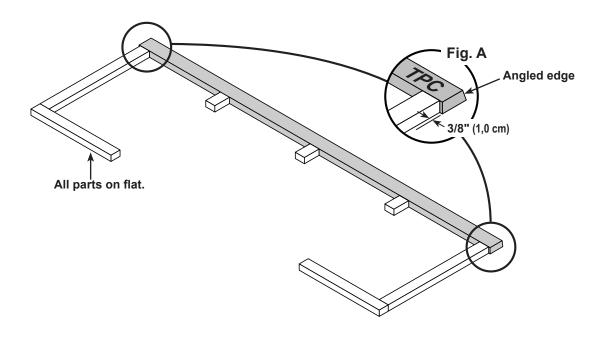
#### **√**BEGIN

1

Arrange parts on flat-side on floor. Measure and mark.

Ensure profile angle of **TPC** is correct and ensure there is a 3/8" measurement at each end of **TPC**. Secure with (2) 3" screws at an angle. *Predrill all holes.* 





#### FRONT WALL FRAME PREASSEMBLY

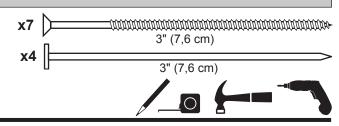
#### **PARTS REQUIRED:**

x1 QXA

2 x 3 x 51-7/8" (5,1 x 7,6 x 131,8 cm)

x2 ONB

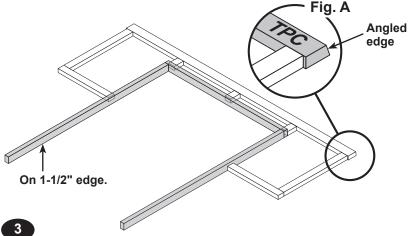
2 x 3 x 69-7/8" (5,1 x 7,6 x 177,5 cm)

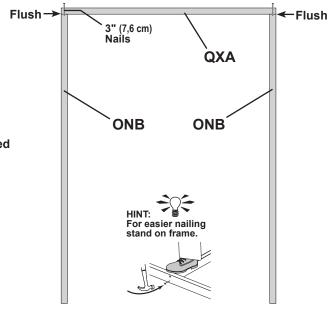


2

Arrange QXA and ONB on edge on floor. Secure parts with (2) 3" nails at each connection.

This is the preassembled door frame.



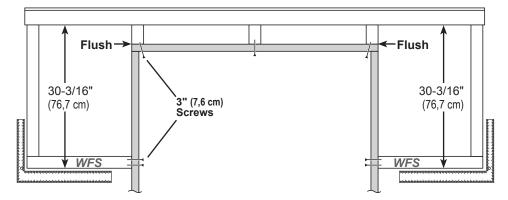


Verify that the profile angle of TPC is correct (Fig. A).

Secure door frame to upper wall assembly with 3" screws at each connection shown.

Predrill all holes for 3" screws with 1/8" bit.

Ensure the 30-3/16" measurement to WFS.



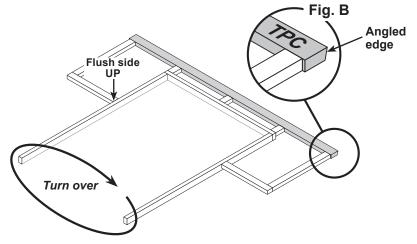


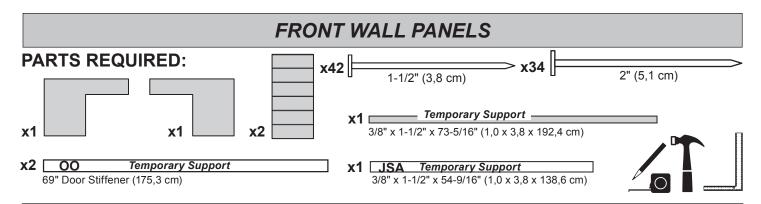
Carefully turn the preassembled door frame over,

(reference TPC angle in Fig. B).



Your front wall frame is now assembled.





#### Install wall panels with the primed side facing out.

#### **V**BEGIN



Place upper wall panels over frame. Flush panels in center, sides and top, as shown.

**HINT:** Support frame when nailing using **JSA** and (x1) 3/8" thick trim board as a temporary support.

Secure panels with 2" nails into door frame only. Secure with 1-1/2" nails into all other 2x3 frame parts.

Space nails 6" apart along edges.



Install lower wall panels flush to installed panels and flush to the door frame.

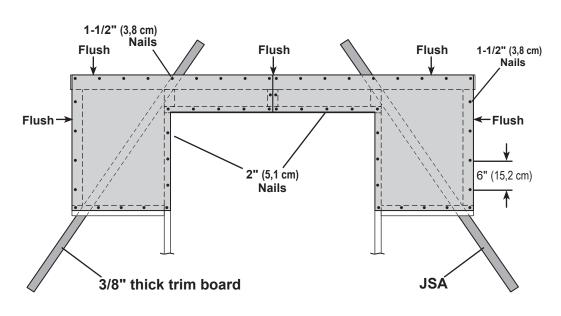
Maintain the 48-7/8" measurement in the door opening.

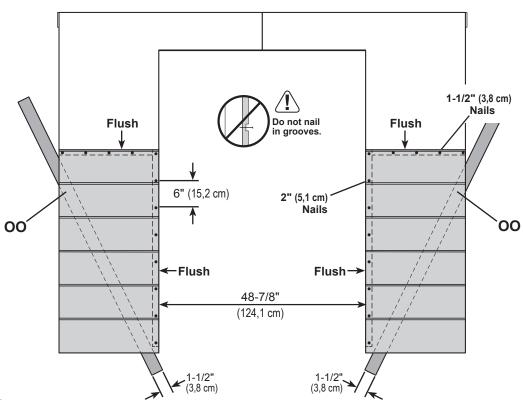
Secure panels with 2" nails into door frame and with 1-1/2" nails into all other 2x3 frame parts.

Space nails 6" apart along edges.



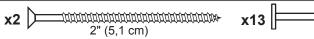
Your front wall is now assembled.





#### LEFT WALL INSTALLATION

#### **PARTS REQUIRED**

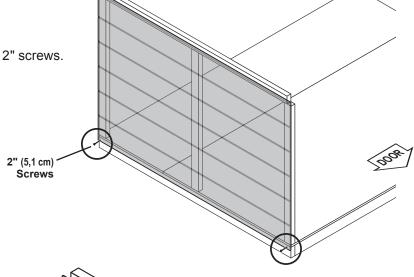






Center left wall on the 72" side of floor.

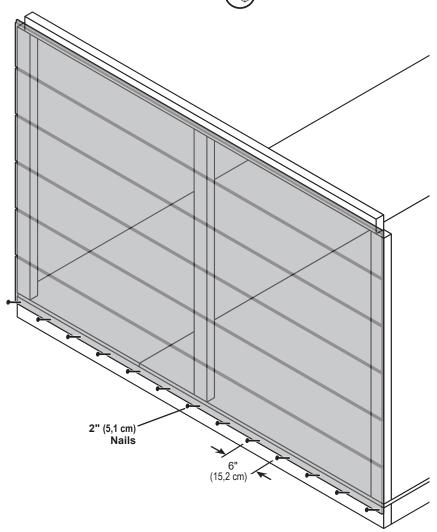
Secure wall panel to floor frame with (2) 2" screws.





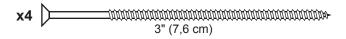
Secure lower edge of wall panels to floor with 2" nails spaced 6" apart.

Angle nails into floor frame.



#### LEFT WALL INSTALLATION

#### **PARTS REQUIRED**

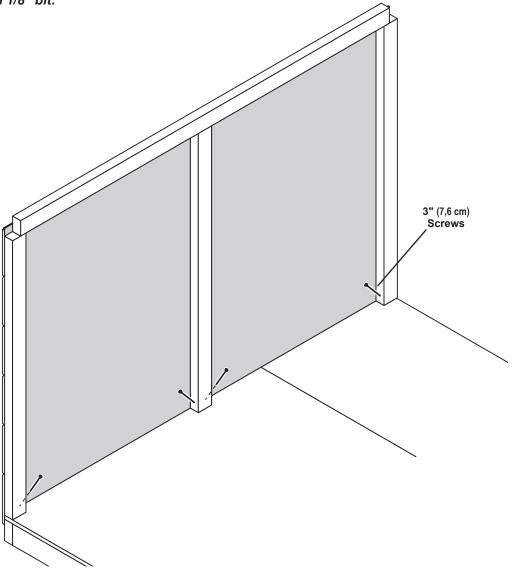






Secure wall studs to floor with 3" screws.

Predrill holes with 1/8" bit.





Your left wall is now installed.

#### 



Center back wall on the floor.

At bottom of back wall, secure back wall panel to left wall stud with (1) 2" screw.

Ensure corners are flush.

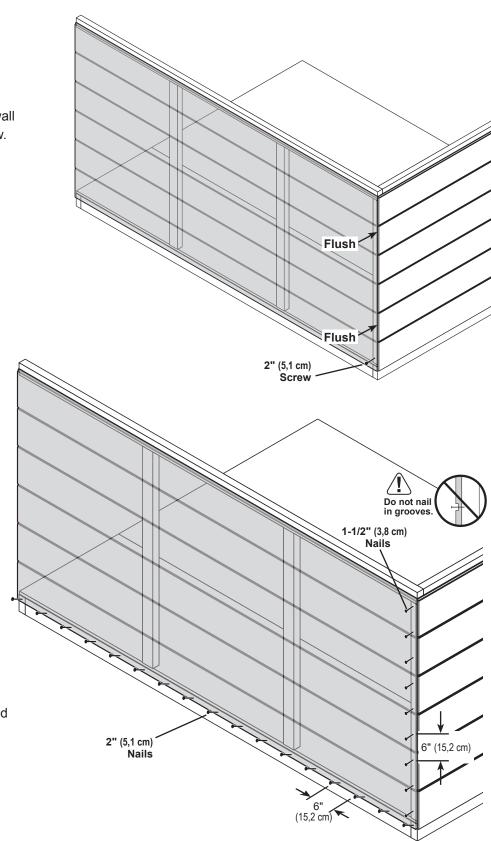
Predrill holes with 1/8" bit.

2

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

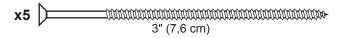


Secure back wall panel to left wall stud with 1-1/2" nails spaced 6" apart.



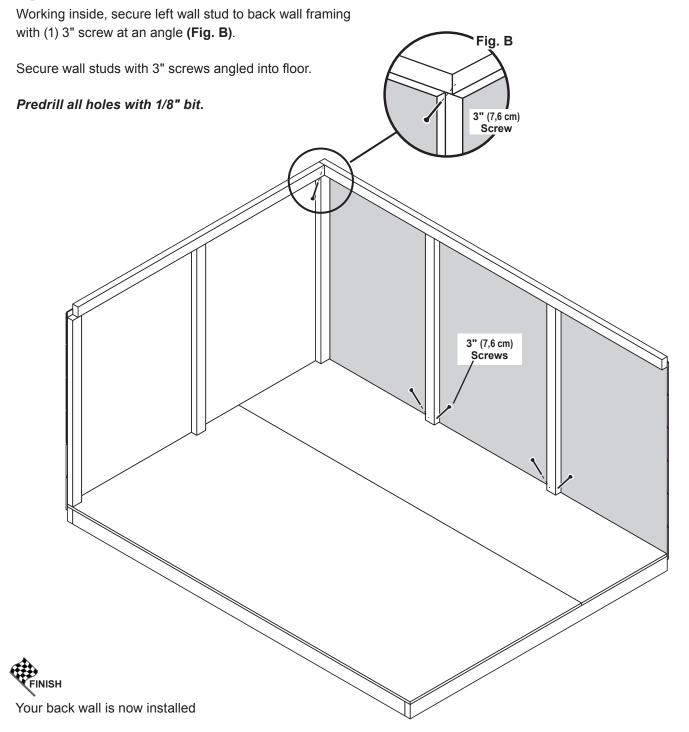
#### **BACK WALL INSTALLATION**

#### **PARTS REQUIRED:**









## PARTS REQUIRED x1 2" (5,1 cm) x2" (5,1 cm)

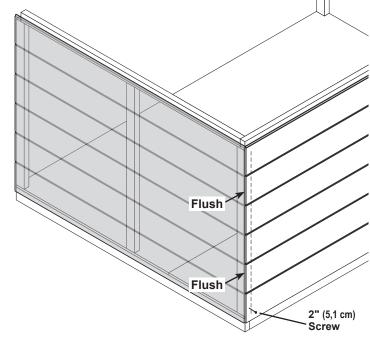


Center right wall on the floor.

At bottom of back wall, secure back wall panel to right wall stud with (1) 2" screw.

Ensure corners are flush.

Predrill hole with 1/8" bit.

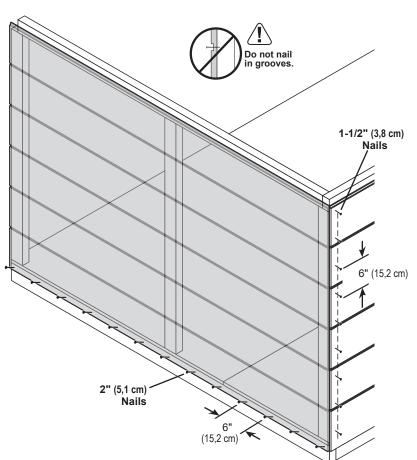


2

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

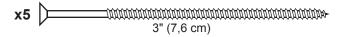


Secure back wall panel to right wall stud with 1-1/2" nails spaced 6" apart.



#### **RIGHT WALL INSTALLATION**

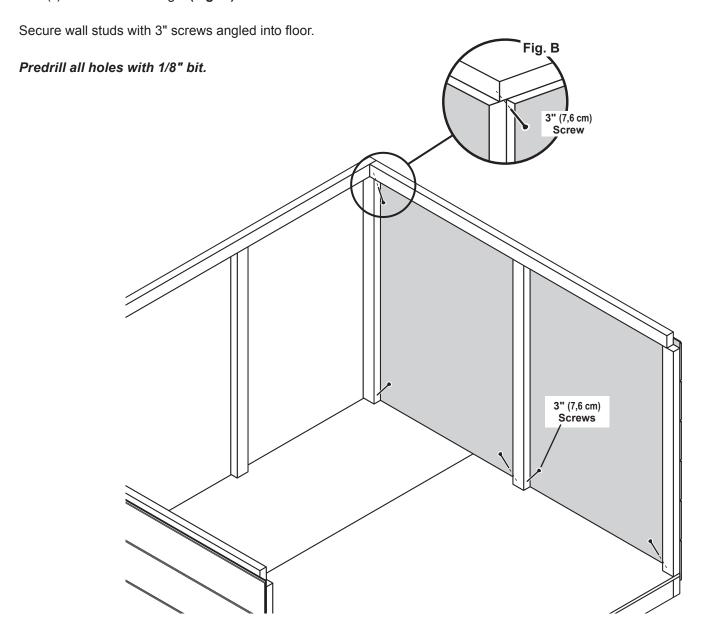
#### **PARTS REQUIRED**







Working inside, secure right wall stud to back wall framing with (1) 3" screw at an angle (Fig. B).



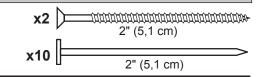


Your right wall is now installed.

#### FRONT WALL INSTALLATION

#### **PARTS REQUIRED**







Center front wall on the floor.

Secure bottom of front wall panels to side wall studs with (2) 2" screws. Flush Flush 2" (5,1 cm) Screw 2" (5,1 cm) Nails 2" (5,1 cm) Screw Flush 2" (5,1 cm) Nails 6" (15,2 cm)

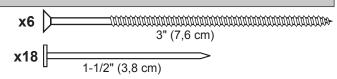
Secure lower edge of panels to floor frame with 2" nails spaced 6" apart.

Angle nails into floor framing.

#### FRONT WALL INSTALLATION

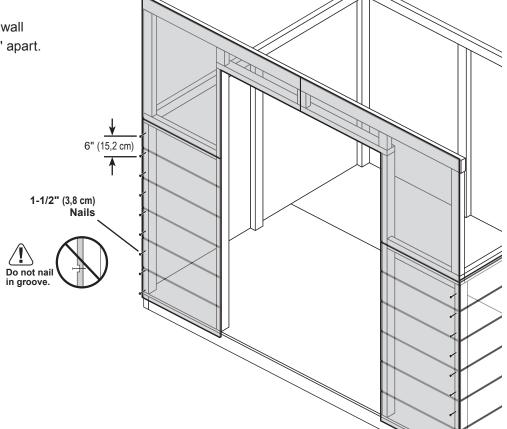
#### **PARTS REQUIRED**





3

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

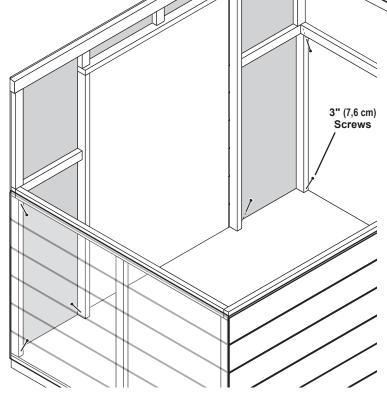


4

Working inside, secure side wall studs to front wall framing with (1) 3" screw at an angle (Fig. B).

#### Predrill all holes with 1/8" bit.

Secure wall studs with 3" screws angled into floor.





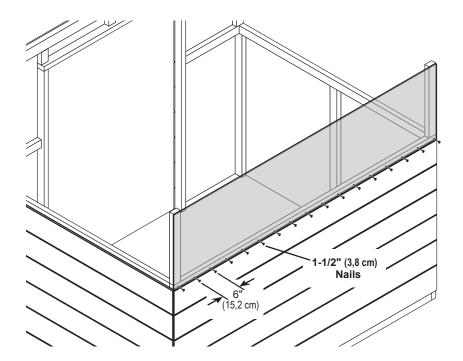
Your front wall is now installed.

### PARTS REQUIRED: x1 Pre-assembled x17 1-1/2" (3,8 cm)



Center pre-assembled upper back wall on the lower back wall.

Secure lower edge of upper back wall panel to lower back wall frame with 1-1/2" nails spaced 6" apart.





Your back wall is now complete.

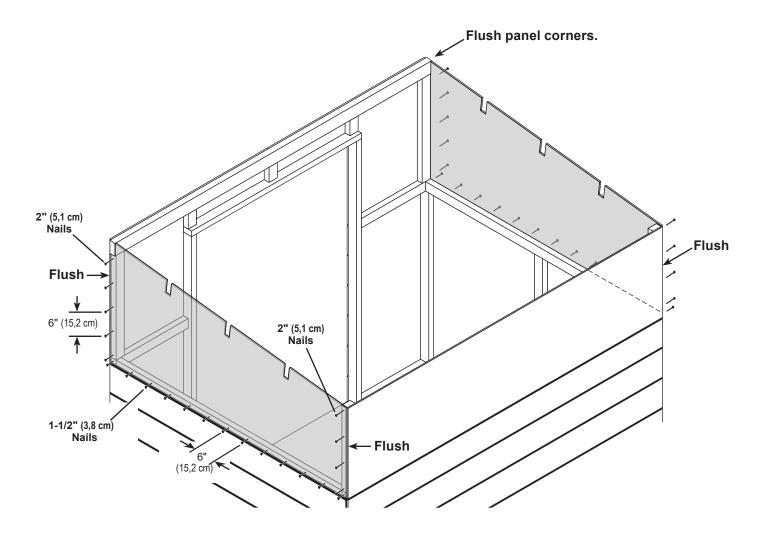
# PARTS REQUIRED: x18 2" (5,1 cm) x26 Install wall panels with the primed side facing out.



Install (2) upper side wall panels flush along front and back wall corner panels.

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

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





Your upper side wall panels are now installed.

## ROOF OVERHANG FRAMING PARTS REQUIRED: x7 x2 x2 x3" (7,6 cm) x1 TPC Tapered Profile 2 x 4 x 93" (5,1 x 10,2 x 236,2 cm) x3" (7,6 cm)

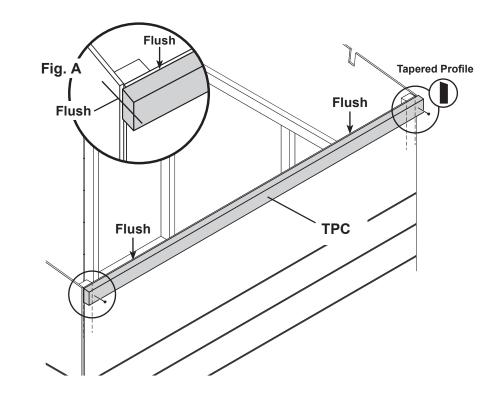


Install angled purlin **TPC** flush to side wall panels and flush across upper back panel edge.

Ensure angled profile is correct **(Fig. A)**.

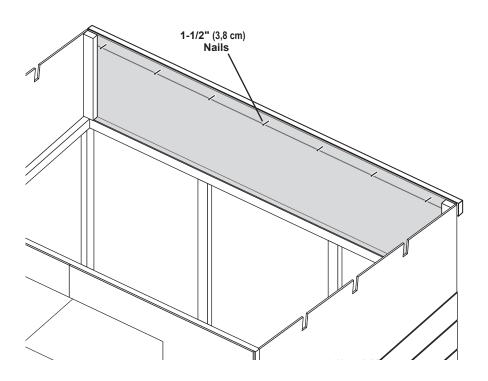
Secure **TPC** to vertical framing with (2) 3" screws.

Predrill holes with 1/8" bit.





Working inside, secure **TPC** with 1-1/2" nails spaced evenly.

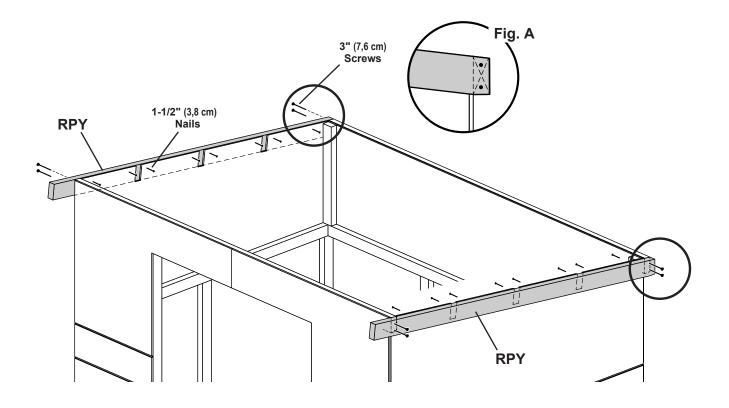


# ROOF OVERHANG FRAMING PARTS REQUIRED: x14 1-1/2" (3,8 cm) x8 3" (7,6 cm) x2 RPY 2 x 4 x 80-11/16" (5,1 x 10,2 x 204,9cm)



Install **RPY** flush to back tapered purlin and flush across upper side panel edge **(Fig. A)**. Secure **RPY** to to front and back tapered purlins with 3" screws.

Predrill holes with 1/8" bit.





Working inside, secure **RPY** with 1-1/2" nails, positioned as shown.

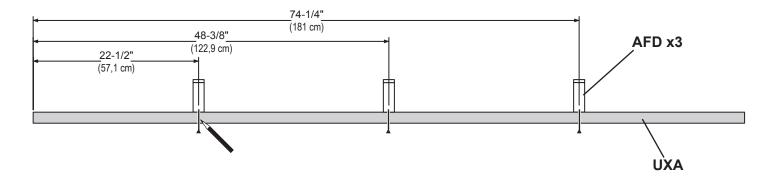
#### 

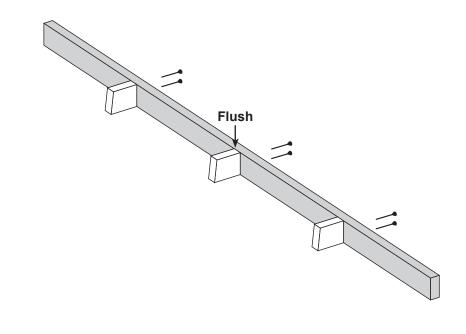


Arrange parts as shown. Measure and mark.

Secure (3) AFD to UXA with (2) 3" screws.

Predrill holes with 1/8" bit.





Your front overhang unit is now assembled.

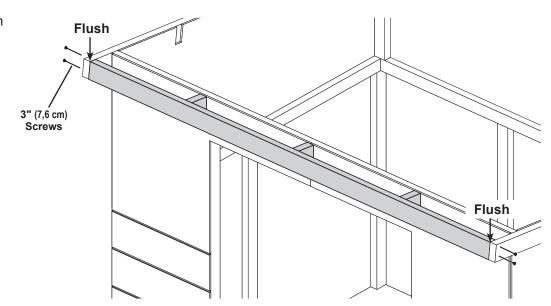
# PARTS REQUIRED: x10 Pre-assembled Pre-assembled



Install front overhang unit flush to side overhang framing.

Secure with (2) 3" screws at each end.

Predrill holes with 1/8" bit.



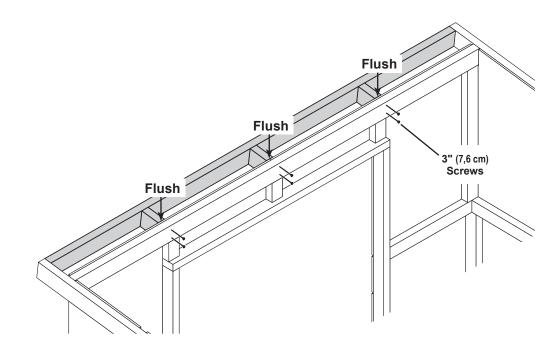
2

Working inside, secure overhang blocks to upper front wall framing.

Flush block to wall panel.

Secure each block with (2) 3" screws.

Predrill holes with 1/8" bit.





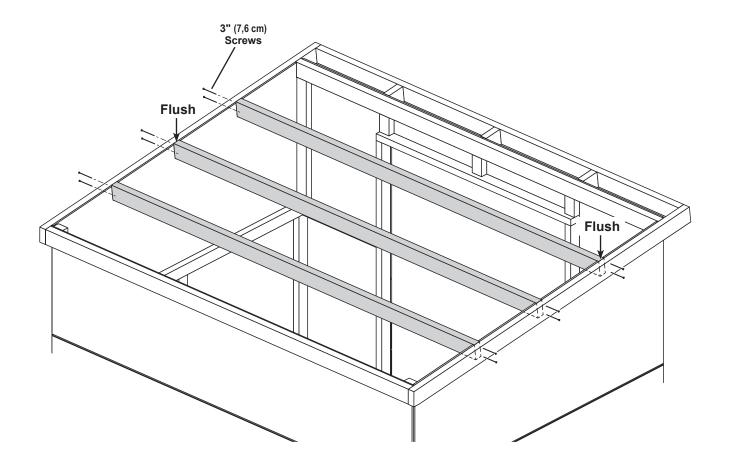
Your overhang framing is now installed.

## ROOF PURLINS PARTS REQUIRED: x12 3" (7,6 cm) 2 x 4 x 96-3/4" (5,1 x 10,2 x 245,7 cm)



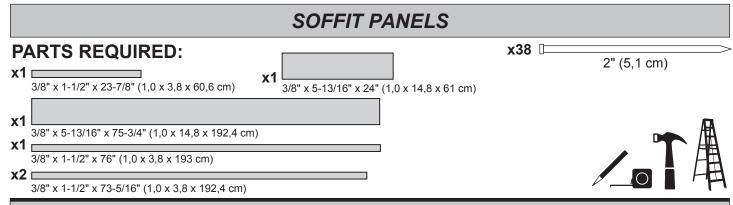
Fit (3) roof support purlins **UXA** into side wall panel notches. Flush purlins to side overhang framing. Secure with (2) 3" screws at each end.

#### Predrill holes with 1/8" bit.





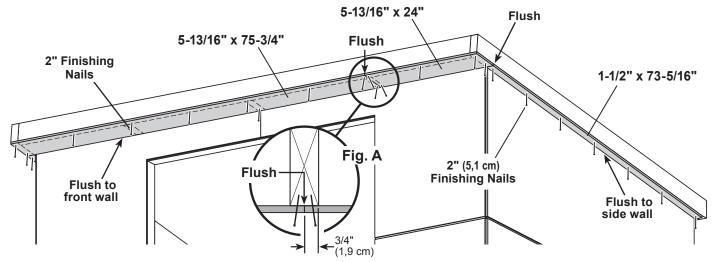
Your roof purlins are now installed.



### Install soffit panels with the primed side facing down.

### **V**BEGIN

Install front **5-13/16"** x **75-3/4"** and **5-13/16"** x **24"** soffit panels flush to front wall panels. Start at the 3/4" measurement on the overhang block (**Fig. A**). Flush panels at seam. Secure with 2" finishing nails, as shown. Angle nails at seam (**Fig. A**).

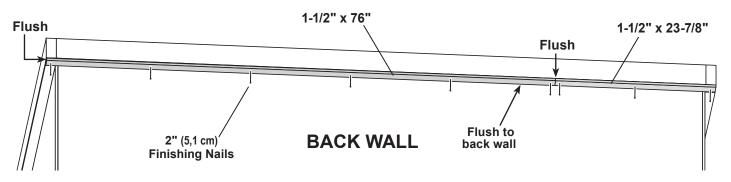


Install (2) 1-1/2"x 73-5/16" side soffit panels (both sides) flush to installed front soffit panels and flush to side wall panels.

Secure with 2" finishing nails, spaced evenly.

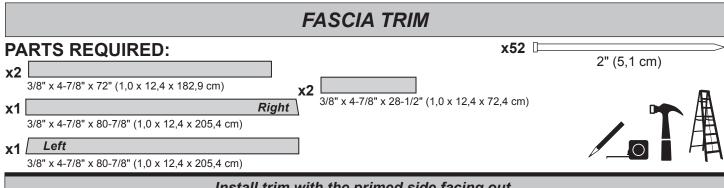
Install 1-1/2" x 76" and 1-1/2" x 23-7/8" back soffit panels flush to back wall panels and flush to side soffit panels. Install the longer 76" panel fitrst. Flush panels at seam.

Secure with 2" finishing nails, as shown.



FINISH

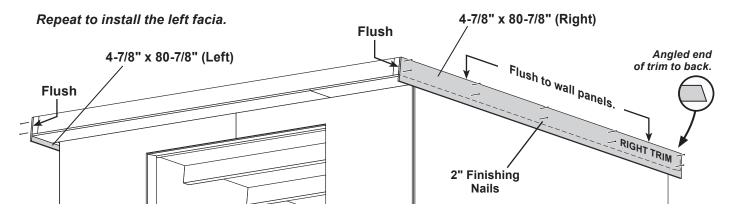
Your soffit panels are now installed.



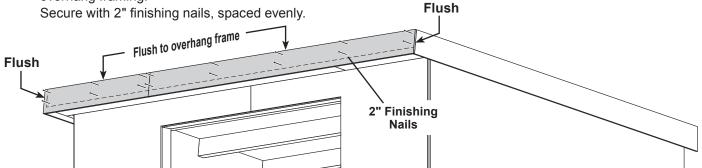
### Install trim with the primed side facing out.

### **√**BEGIN

Install right side 4-7/8" x 72" fascia board flush to front edge of overhang frame and flush to top of wall panels. Ensure the angled cut is to the back. Secure with 2" finishing nails, evenly spaced.

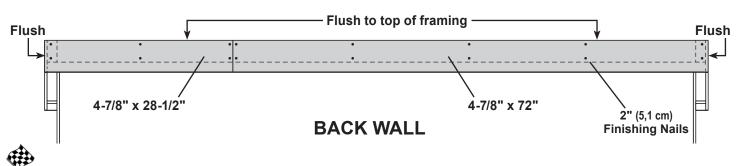


Install 4-7/8" x 72" and 4-7/8" x 28-1/2" front fascia boards flush to side fascia and flush to top of front overhang framing.



Install 4-7/8" x 72" and 4-7/8" x 28-1/2" back fascia boards flush to side fascia and flush to top of back roof overhang framing.

Secure with 2" finishing nails, spaced evenly.

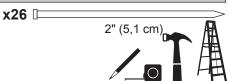


Your fascia trim boards are now installed.

### FRONT & BACK WALL TRIM

### **PARTS REQUIRED:**

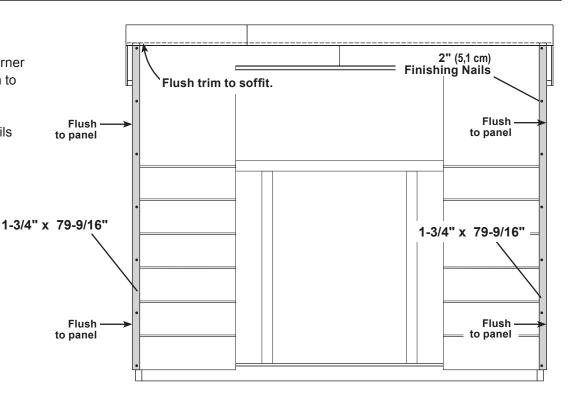
x2 □ 3/8" x 1-3/4" x 76-9/16" (1,0 x 4,4 x 194,5 cm)



### Install trim with the primed side facing out.

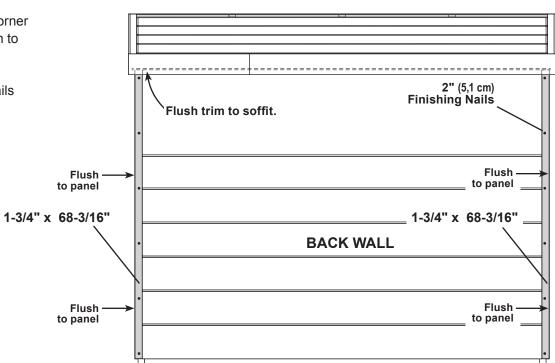
Install (2) 76-9/16" front corner trim flush to soffit and flush to installed corner trim.

Secure with 2" finishing nails spaced evenly.

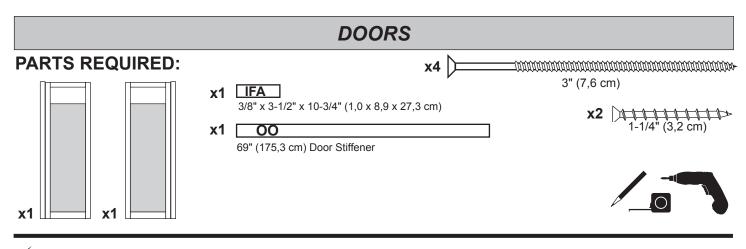


Install (2) 68-3/16" back corner trim flush to soffit and flush to installed corner trim.

Secure with 2" finishing nails spaced evenly.



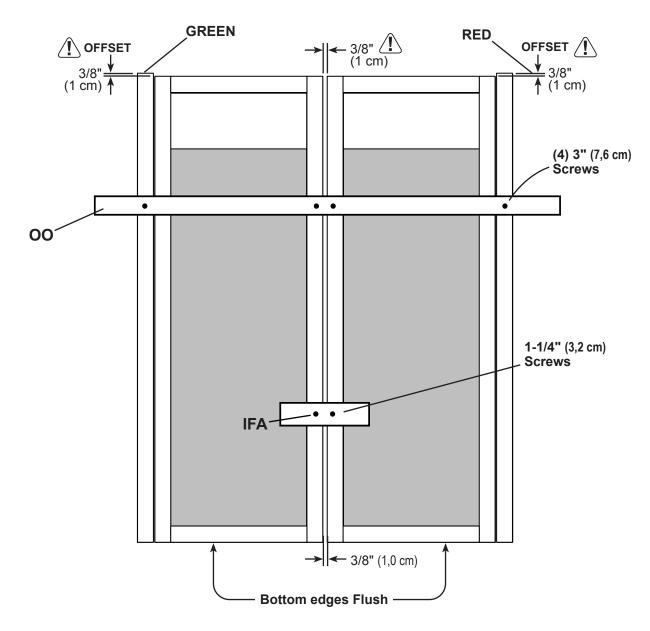
Your corner trim is now installed.



**V**BEGIN

Arrange parts as shown, on flat surface. Ensure that the 3/8" offset is to top. Look for red (right) and green (left) on hinge board.

Attach temporary supports **OO** and **IFA** as shown.



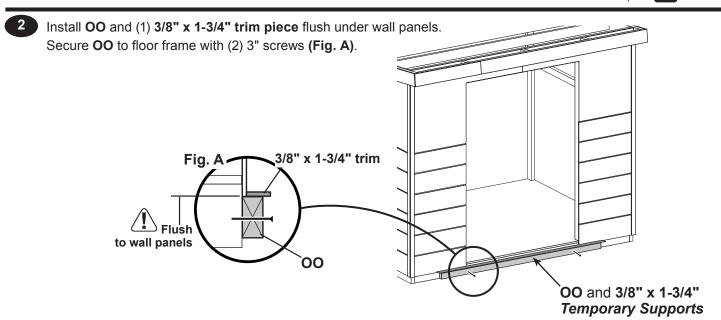
### **DOORS**

### **PARTS REQUIRED:**

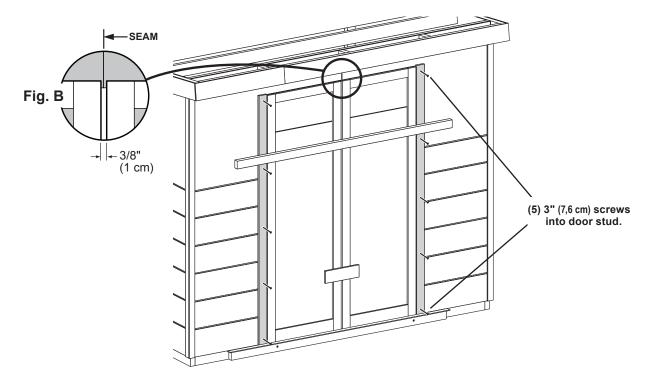
K1 OO Temporary Support 69" (175,3 cm) Door Stiffener **X1** Emporary Support

3/8" x 1-3/4" x 68-3/16" (1,0 x 4,4 x 173,2 cm)





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.



You have finished installing your doors.

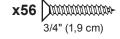
### **DOOR TRIM**

### **PARTS REQUIRED:**

x1 IFA

3/8" x 3-1/2" x 10-3/4" (1,0 x 8,9 x 27,3 cm)

**x8** RIC or: x4
3/8" x 3-1/2" x 18-5/8" (1,0 x 8,9 x 47,3 cm)



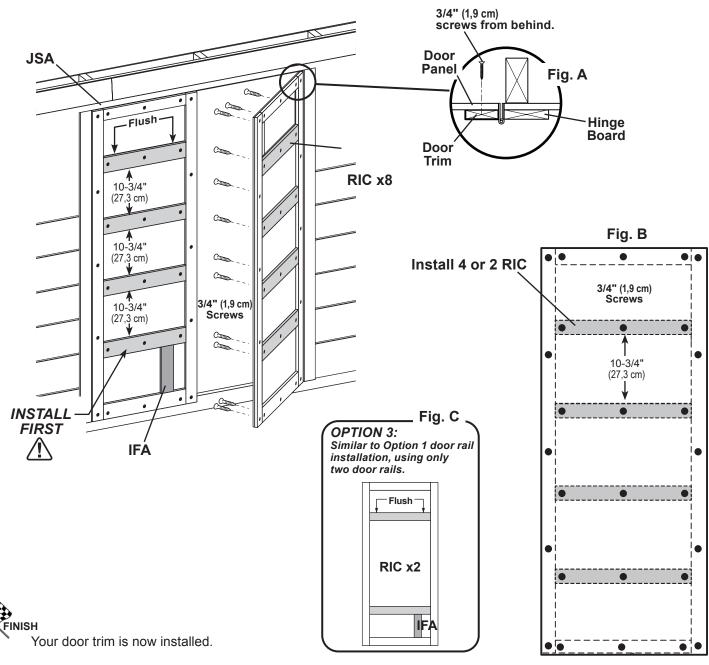


BEGIN

This page shows Option 1. You have 3 options for door trim, see Fig. C below, and page 41.

- Install upper door rail **RIC** flush to bottom of window opening. Secure with 3/4" screws from inside of doors.
- 2 Starting at bottom of doors, install door rails **RIC** using **IFA** as a spacer for ensuring a 10-3/4" measurement between rails.

  Secure with 3/4" screws from inside of doors **(Fig. B)**.
- Reinforce the door trim with 3/4" screws through door panel into trim (Fig. A). Locate screws evenly spaced, as shown (Fig. B).



### **DOOR TRIM**

### PARTS REQUIRED:

x2 RIC

3/8" x 3-1/2" x 18-5/8" (1,0 x 8,9 x 47,3 cm)

**X1** / AIB 3/8" x 3-1/2" x 55-9/16" (1,0 x 8,9 x 141,1 cm)

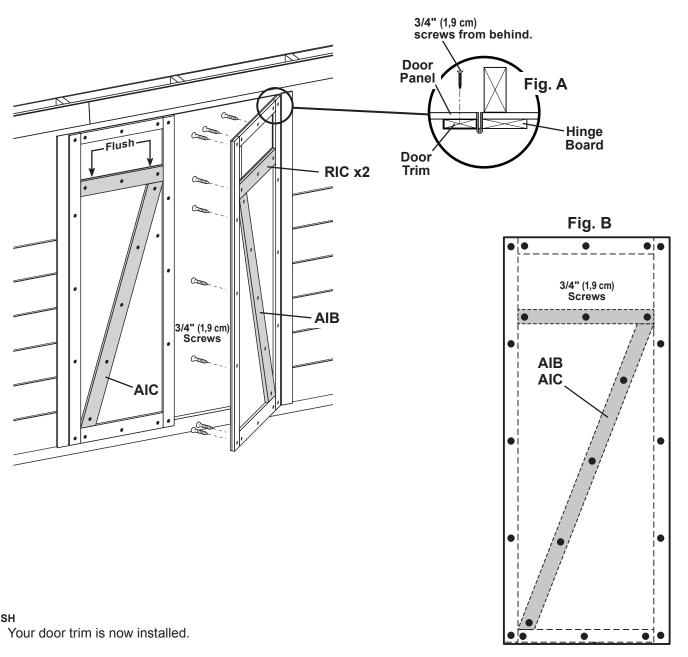
**X1** \( \sum \) AIC \( 3/8" \times 3-1/2" \times 55-9/16" \( (1,0 \times 8.9 \times 141,1 \text{ cm} \) \)



3/4" (1,9 cm)

### BEGIN

- Install upper door rail **RIC** flush to top of window opening. Secure with 3/4" screws from inside of doors.
- Install door trim **AIC** and **AIB** as shown> Secure with 3/4" screws from inside of doors.
- Reinforce the door trim with 3/4" screws through door panel into trim (Fig. A). Locate screws evenly spaced, as shown (Fig. B).

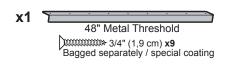


### **OVER DOOR TRIM and THRESHOLD**

### **PARTS REQUIRED:**

x1 JSA

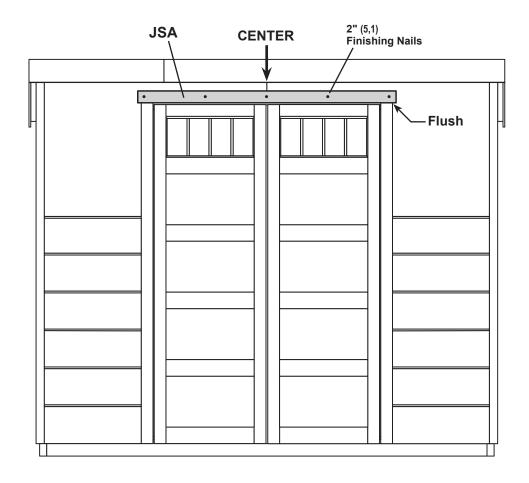
3/8" x 1-1/2" x 54-9/16" (1,0 x 3,8 x 138,6 cm)



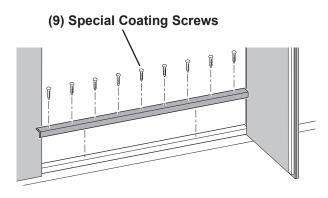


**V**BEGIN

Center over door trim **JSA** over doors. Secure with (4) 2" finishing nails into framing.



2 Center metal threshold between doors and secure with (9) 3/4" special coating screws into floor.

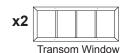


FINISH

Your over door trim and threshold are now installed.

### **DOOR TRANSOM WINDOWS**

### **PARTS REQUIRED:**



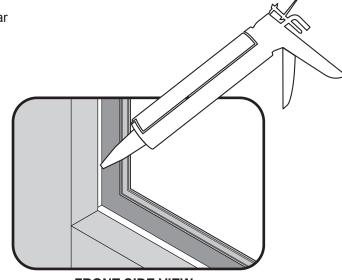


BEGIN

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.

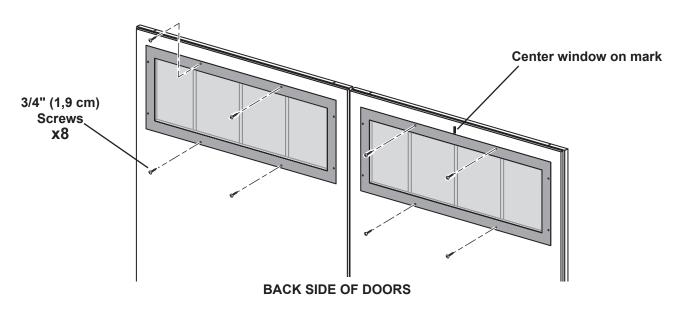


**FRONT SIDE VIEW** 

Install window from the back side of the door.

Center the window looking at the front of the door,
make sure there is an even reveal along the trim of the door and the window.

Use 3/4" screws to secure the window.





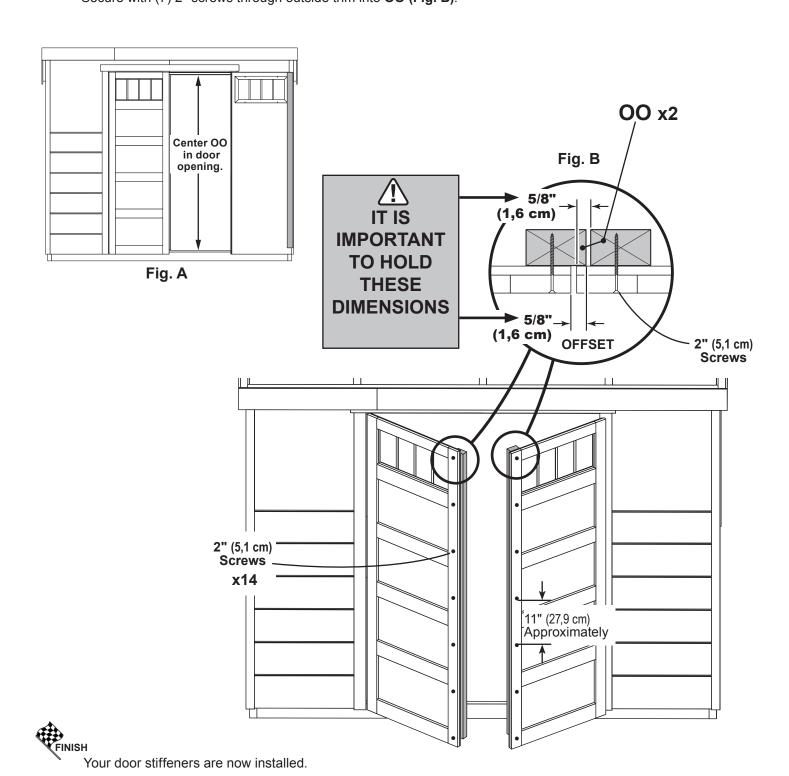
Your transom windows are installed.

### DOOR STIFFENERS PARTS REQUIRED: x2 OO 69" (175,3 cm) Door Stiffener 2" (5,1 cm)

### BEGIN

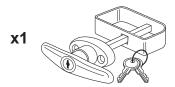
1

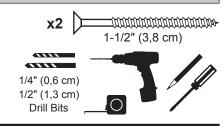
Center (2) door stiffeners **OO** vertically on each door, as shown **(Fig. A, Fig. B)**. Secure with (7) 2" screws through outside trim into **OO (Fig. B)**.



### **DOOR HARDWARE**

### **PARTS REQUIRED:**



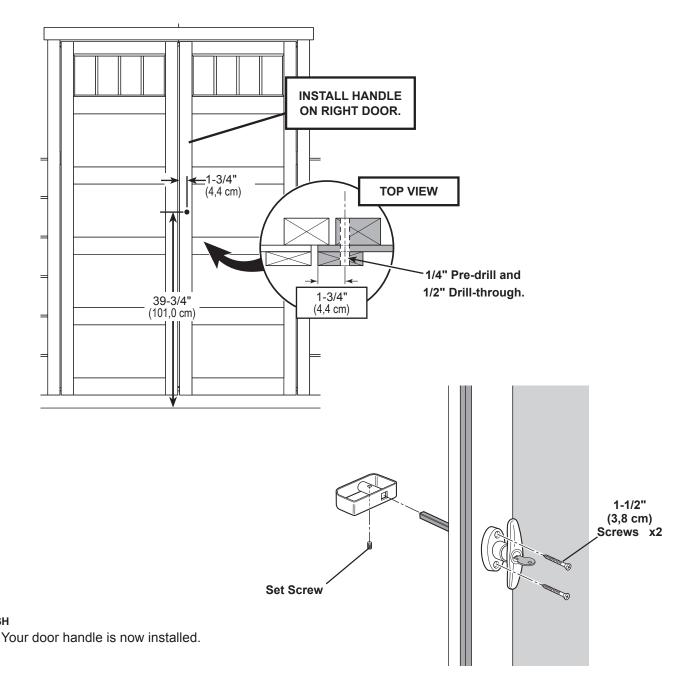


### BEGIN

Measure and mark position on right door as shown.

Pre-drill 1/4" hole at mark. Finish hole using 1/2" drill bit.

Position hardware in hole and secure with screws as shown.



### DOOR HARDWARE

### PARTS REQUIRED: x8 (1111 (2,5 cm)) 11 (2,5 cm) 5/16 (0,8 cm) Drill Bit



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

Mark and pre-drill holes for screws.

- 2 Install bolt with screws supplied and drill 5/16" hole for bolt to extend into.
- Place bolt onto **OO** in open position with bolt end 1/2" up from floor. Bolt is open when loop is contacting base **(Fig B)**.

Mark and pre-drill holes for screws.

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

Fig. A /IN LOCATE AND PRE-DRILL HOLES TO AVOID SPLITTING WOOD **OVER DOOR FRAME** 5/16" drill for bolt: 1" deep. 3/8" with bolt in open **OO**. 1-1/4 x 2-1/2 x 69" position. (*mmmmm* **x4** PRE-DRILL (4) HOLES **OPEN POSITION,** Spring is loose. .oop contacts base. 1-1/4 x 2-1/2 x 69" 00 Loop contacts base. Д⊕. **x4** *diminimi* **OPEN POSITION,** Spring is loose. **PRE-DRILL** (4) HOLES **FLOOR** 1/2" 5/16" drill for bolt: 1" deep. Your spring bolts are now installed.

### 

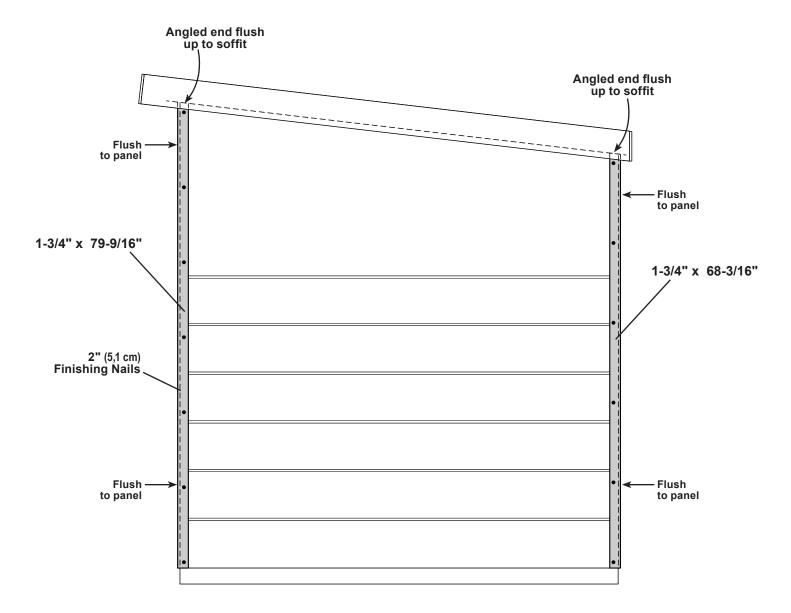
### Install trim with the primed side facing out.

### **√**BEGIN



Install right side corner trim flush to soffit and flush to front and back wall panels. Secure with 2" finishing nails spaced evenly.

### Repeat for left side.



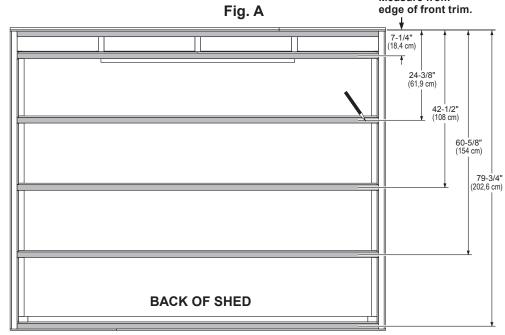
# ROOF PANELS PARTS REQUIRED: | 1/8" BIT | 2" (5,1 cm) | | 26" x 82-1/2" (66 x 209,6 cm) | | Foam Strip 26" (66 cm) |



Install the first roof panel flush to front edge of roof overhang trim and flush to edge of right side trim (Fig. B).

Measure and mark centers of all purlins and upper wall framing.

Use Fig. A as a measuring guide.



Measure from

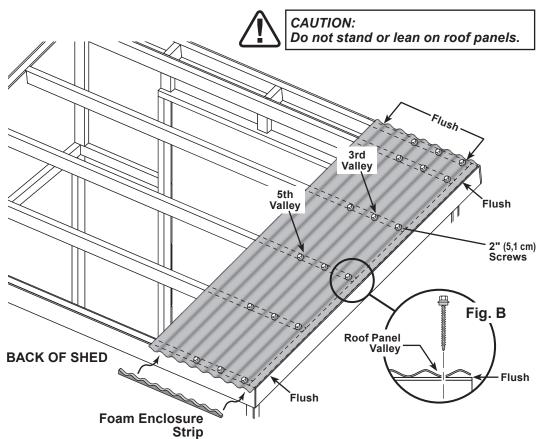


Peel adhesive from (1) foam enclosure strip and install between roof panel and back wall purlin.

Flush foam strip along inner edge of trim.

Install (6) screws in the panel valley nearest right edge (Fig. B), and then with (12) screws in each of the 3rd and 5th valleys, as shown.

Center screws in framing. *Predrill all holes.* 



### **ROOF PANELS**

## PARTS REQUIRED: 2" (5,1 cm) 1/8" BIT (3 mm) x1 26" x 82-1/2" (66 x 209,6 cm) Foam Strip 26" (66 cm)

Install roof panel with 3 overlapping countour waves covering the installed panel.

3

Install 2nd panel overlapping the first panel by 3 panel contour waves (Fig. C)

and flush to back edge of installed panel.

Measure to centers of all purlins and upper wall framing.

Use Fig. A, (step 1) as a measuring guide.

Peel adhesive from (1) foam enclosure strip and install between roof panel and back wall angled purlin frame. Flush foam strip along inner edge of trim.

Secure panel to purlins and framing with (6) 2" screws in panel peak (Fig. C).

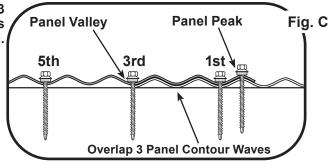
Center screws in framing.

Predrill all holes.

Secure panel to purlins and framing with (18) 2" screws in each of the 1st, 3rd and 5th panel valleys (Fig. C).

Center screws in framing.

Predrill all holes.



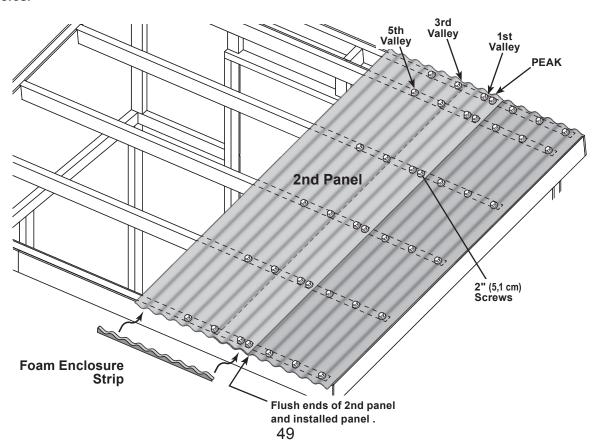


CAUTION: Do not over-drive the screws in the peaks; snug only!

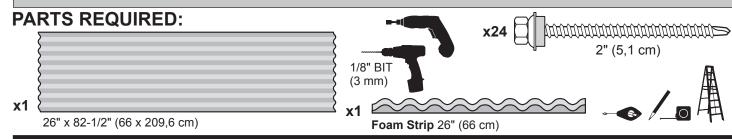


CAUTION:

Do not stand or lean on roof panels.



### **ROOF PANELS**





Install 3rd panel overlapping the 2nd panel by 3 panel contour waves (Fig. C) and flush to back edge of installed panel. Measure to centers of all purlins and upper wall framing. Use Fig. A, (step 1) as a measuring guide.

Peel adhesive from (1) foam enclosure strip and install between roof panel and back wall angled purlin frame. Flush foam strip along inner edge of trim.

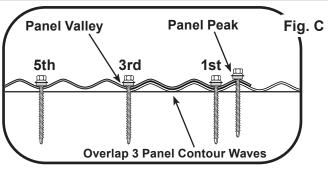
Secure panel to purlins and framing with (6) 2" screws in panel peak **(Fig. C)**.

Center screws in framing.

Predrill all holes.

Secure panel to purlins and framing with (18) 2" screws in each of the 1st, 3rd and 5th panel valleys (Fig. C). Center screws in framing.

Predrill all holes.

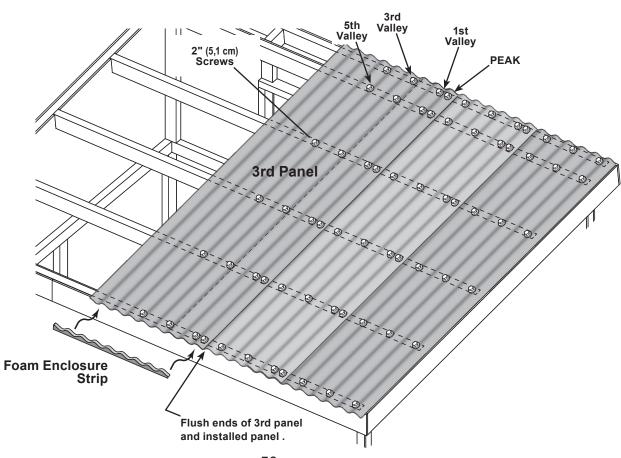


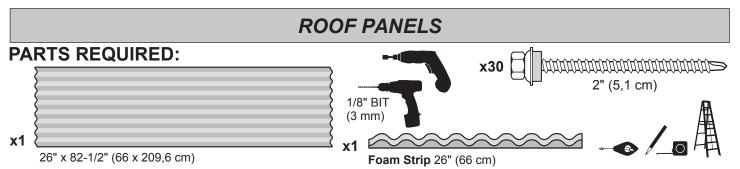


CAUTION: Do not over-drive the screws in the peaks; snug only!



CAUTION: Do not stand or lean on roof panels.







Install 4th panel overlapping the 3rd panel by 3 panel contour waves (Fig. D) and flush to back edge of installed panel.

Measure to centers of all purlins and upper wall framing.

Use Fig. A, (step 1) as a measuring guide.

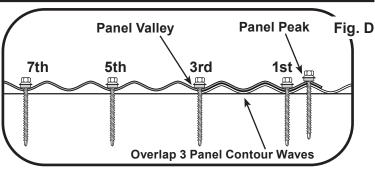
Peel adhesive from (1) foam enclosure strip and install between roof panel and back wall angled purlin frame. Flush foam strip along inner edge of trim.

Secure panel to purlins and framing with (6) 2" screws in panel peak **(Fig. D)**.

Center screws in framing.

### Predrill all holes.

Secure panel to purlins and framing with (2) 2" screws in each of the 1st, 3rd, 5th and 7th panel valleys (**Fig.** 

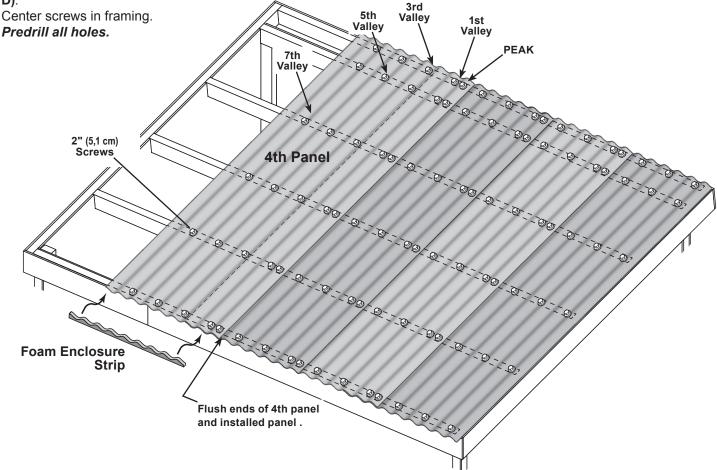


CAUTION: Do not over-drive the screws in the peaks; snug only!

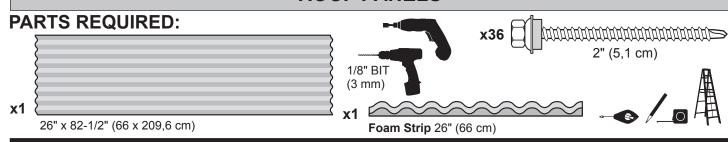


CAUTION:

Do not stand or lean on roof panels.



### **ROOF PANELS**





Install 5th panel overlapping the 4th panel by 2 panel contour waves (Fig. E) and flush to back edge of installed panel.

Measure to centers of all purlins and upper wall framing.

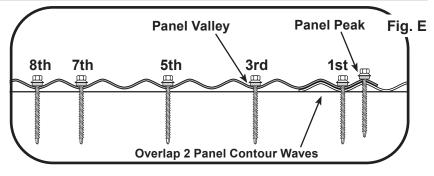
Use Fig. A, (step 1) as a measuring guide.

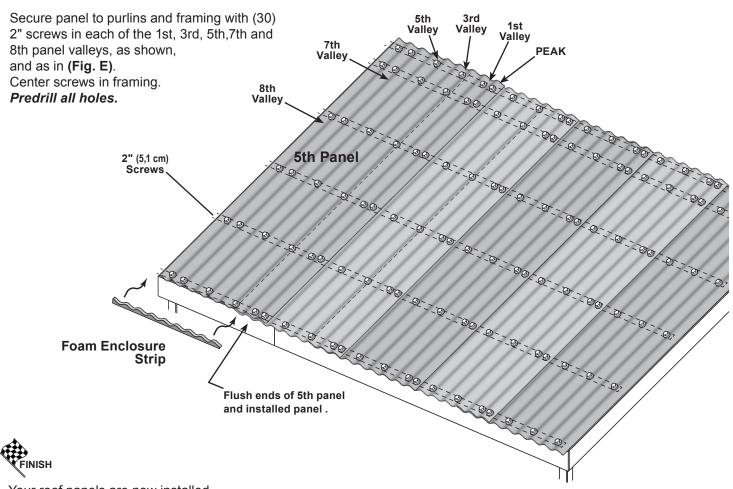
Peel adhesive from (1) foam enclosure strip and install between roof panel and back wall angled purlin frame.

Flush foam strip along inner edge of trim.

Secure panel to purlins and framing with (6) 2" screws in panel peak **(Fig. E)**. Center screws in framing.

Predrill all holes.





### **ROOF PANELS**

Note to installer: Please refer to this roof panel screw layout guide.

Screws in panel contour valleys are shown as filled with black.

Center screws in framing.

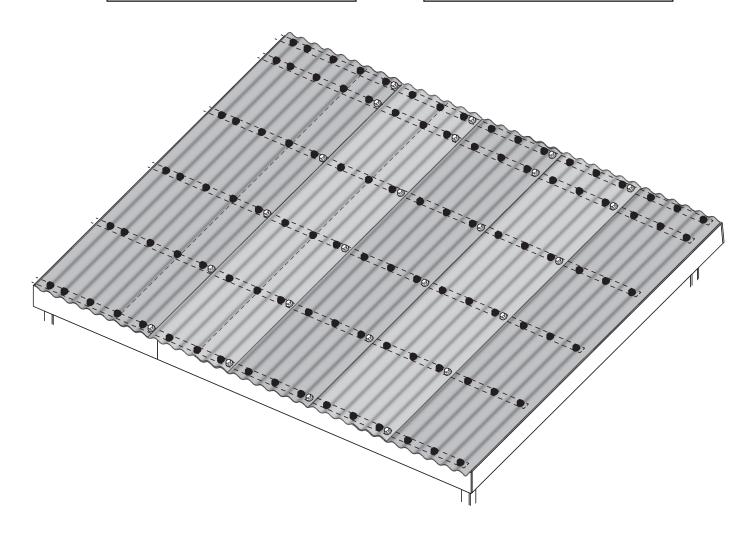
Predrill all holes.



CAUTION: Do not over-drive the screws in the peaks; snug only!



CAUTION: Do not stand or lean on roof panels.



# RAKE FLASHING PARTS REQUIRED: x11 Rake Flashing 15454 1-1/4" x 95-1/2" (3,2 x 242,6 cm) x12" (5,1 cm) 1/8" BIT (3 mm)



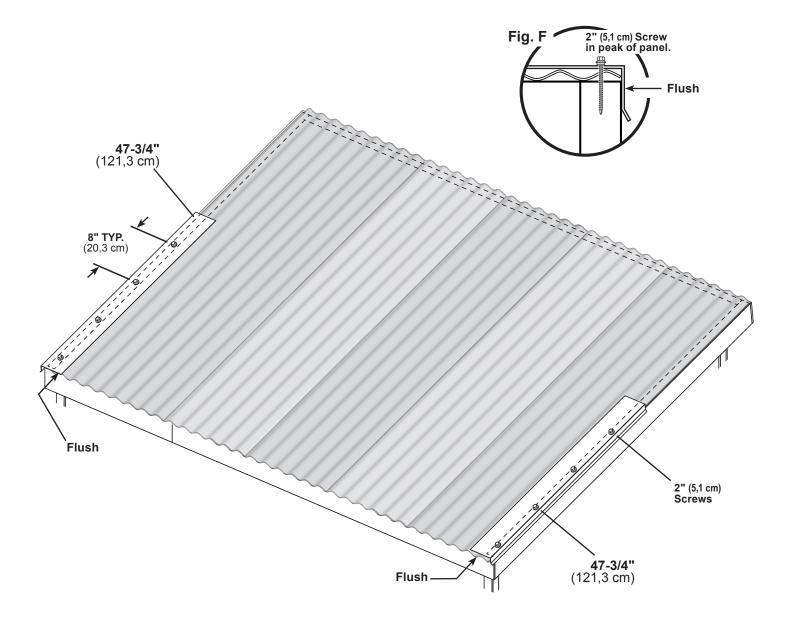
Measure, mark and cut (1) 1-1/4" x 95-1/2" Rake Flashing into (2) 47-3/4" pieces.

Install each flashing strip flush to the back edge of roof panels and flush to side fascia.

Secure with 2" screws spaced approximately 8" apart.

Drive screws through the flashing and into the side trim framing (Fig. F).

### Don't over-drive screws.

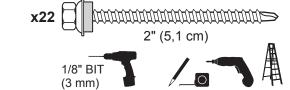


### RAKE FLASHING

### **PARTS REQUIRED:**

Foam Strip 26" (66 cm)

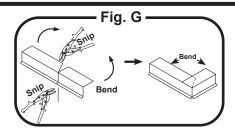
x2 < Rake Flashing 15454 1-1/4" x 95-1/2" (3,2 x 242,6 cm)





Measure, mark and cut (2) 1-1/4" x 95-1/2" Roof Flashing strips, as shown. Snip and cut out corners for over-bend, as shown (Fig. G).

**NOTE:** Pre-bend flashing around a rigid, square corner (use a 2x4 end).



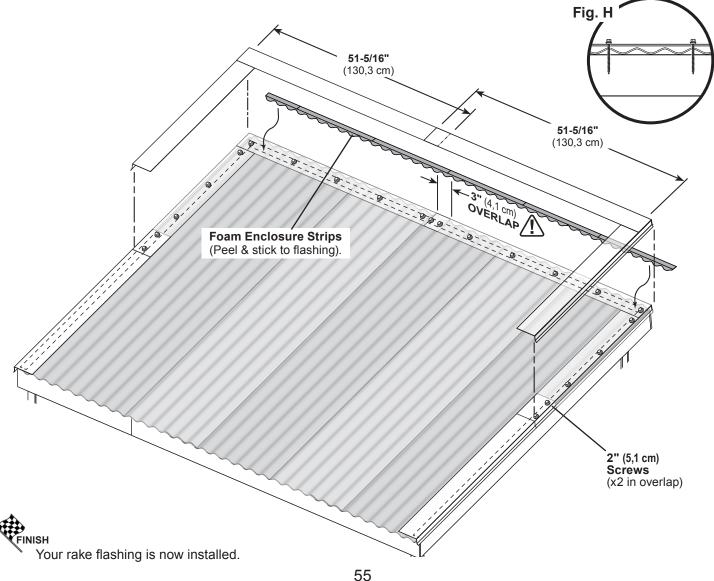
3

Flush corners of flashing to corners of roof. Overlap flashing at center of front overhang and side flashing. Install foam enclosure strips end-to-end between roof panel and rake flashing. Secure flashing with 2" screws in panel peaks, spaced approx. 8" apart, with (2) screws in each overlap.

Drive screws through the flashing, foam strips and into the panel peaks along front of roof (Fig. H).



Secure flashing to side framing with 2" screws spaced approx. 8" apart, with (2) screws in each overlap.



### 16903 8' x 6' Order Form

CATEGORY	PART DESCRIPTION	PART SIZE	PART ITEM #	BUILDING QTY.	PART
	Side Wall Brace	2 X 3 X 69"	Q 69000000000	2	OV
2 X 3	Back Wall Brace	LUM SPF 2X3X96 #2&BTR	12115	1	
	Crippler	2 x 3 x 4-1/16"	Q 04010000000	3	IXE
	Wall Stud	2 X 3 X 45 1/4" NAILER	Q 45040000000	8	
	Upper Front Wall Studs	2 X 3 X 27-11/16"	Q 27110000000	2	
	Door Frame	2 X 3 X 69 14/16"	Q 69140000000	2	
	Door Header	2 X 3 X 51-7/8"	Q 51140000000	1	
	Upper Back Wall Stud	2 X 3 X 22-5/8"	Q 22100000000	2	
	Front Wall Frame	2 X 3 X 22-1/16"	Q 22010000000	2	
	Purlin	2 X 4 X 96-3/4"	O 96120000000	4	UX
2 X 4	Purlin - Angled Rip	2 x 4 x 96-3/4" @ 7* BEVEL	O 961200000BC	2	
	Side Overhang	2 x 4 x 80-11/16" RAFTER 7*	O 80110700000	2	
	Overhang Block	2 x 4 x 4-7/16" @ 7*	O 04070700000	3	
	Clear Isiat	LUM TRTD 2 X 4 X 93 #2&BTR	P 9300000000		T
2 X 4 TREATED FLOOR FRAME	Floor Joist Floor Frame	LUM TRTD 2 X 4 X 72 #2&BTR	P 72000000000	4 2	
5/8 OSB	Floor Panel - Large Floor Panel - Small	OSB 5/8" X 4' X 8' 5/8" OSB 23 7/8" X 96" FLOOR	11117 E 96002314000	1	
	Floor Farier - Small	3/0 O3B 23 1/0 A 90 FLOOR	E 90002314000		
NO GROOVE SIDING	Back Wall	3/8" NG 23 7/8" X 96"	K 96002314000	1	
	Front/Back Fascia - Long	3/8" NG 4-7/8" X 72"	K 72000414000	2	
	Front/Back Fascia - Short	*3/8" NG 4-7/8" x 28-1/2"	K 28080414000	2	
	Front Soffit - Long	*3/8" NG 5-13/16" X 75-3/4"	K 75120513000	1	
	Front Soffit - Short	*3/8" NG 5-13/16" x 24"	K 24000513000		<del></del>
	Left Fascia	*3/8 NG 4-7/8" X 80-7/8" LFT	K 80140414200	1	-
	Right Fascia	*3/8 NG 4-7/8" X 80-7/8" RGT	K 80140414100	1	
	Front Panel - Upper Left	3/8" NG 32-7/16" X 48" LFT PANEL	K 48003207200	1	
	Front Panel - Upper Right	3/8" NG 32-7/16" X 48" RGT PANEL	K 48003207100	1	
	Gable Panel - Left	3/8" NG 32-7/16" X 72" LFT GABLE	K 72003207200	1	
	Gable Panel - Right	3/8" NG 32-7/16" X 72" RGT GABLE	K 72003207100	1	
	Door Panel	3/8" NG 23 3/8" X 71 1/2" DOOR PANEL w/ TRANSOM	K 7108230600W	2	
	Back Soffit - Long	*3/8" NG 1-1/2" X 76"	K 76000108000	1	-
	Back Soffit - Short	3/8" NG 1-1/2" X 23-14"	K 23140108000	1	
	Side Soffit	*3/8" NG 1-1/2" X 73-5/16"	K 73050108000	2	
	Vertical Trim - Front	3/8" NG 1-3/4" X 76-9/16"	K 76090112000	2	
	Vertical Trim - Front Right	*3/8" NG 1-3/4" X 76-9/16" RGT	K 76090112100	1	
	Vertical Trim - Front Left	*3/8" NG 1-3/4" X 76-9/16" LFT	K 76090112200	1	
	Vertical Trim - Back	3/8" NG 1-3/4" X 68"	K 68000112000	2	
	Vertical Trim - Back Right Vertical Trim - Back Left	*3/8" NG 1-3/4" X 68-3/16" RGT *3/8" NG 1-3/4" X 68-3/16" LFT	K 68030112100 K 68030112200	<u>1</u> 1	-
	Vertical Tilli - Back Lett	3/8 NG 1-3/4 A 00-3/10 LF1	K 66030112200		
8OC SIDING	Lower Wall Panel - Right/Left	SIDING 8" OC 3/8X4'X6'	11530	2	
	Lower Wall Panel - Back	SIDING 8" OC 3/8X4'X8'	11535	1	
	Lower Wall Panel - Front	23-9/16" x 48" x 3/8" 8oc	J 48002309000	2	-
	Door Trim Hinge	19/32 TST 2 1/2" X 72" TRIM	UT72000208000	2	Z
19/32 X 3 SMART TRIM	Over Door Trim	19/32 TST 2-1/2" X 54-9/16"	UT54090208000	1	JS
	Door Top Rail	19/32 TST 2 1/2" X 18-5/8" RAIL	UT18100208000	2	EG
	Vertical Door Stiles	19/32 TST 2 1/2" X 71 5/8"	UT71100208000	4	G
	Door Rail	19/32 TST 3-1/2" X 18-5/8"	UT18100308000	10	RI
19/32 X 4 SMART TRIM	Rail Guide	19/32 TST 3 1/2" X 10 3/4"	UT10120308000	1	IF.
	Diagonal Rail - Right	19/32 TST 3 1/2" x 55 9/16" 16* RGT	UT55090308116	1	
	Diagonal Rail - Left	19/32 TST 3 1/2" x 55 9/16" 16* LFT	UT55090308216	1	Al
PURCHASED COMPONENTS	Door Stiffener	LSL 1-1/4 X 2-1/4 X 69 PET	12715	2	0
	Metal Hinge	HINGE PIANO 1 3/4"X71"GALV	15257	2	
	Hinge Screws	SCREW #6-8 X 1" DEEP THREAD	15146	48	
	Door Window	WINDOW 9X19" TRANSOM (SINGLE)	15360	2	
	Threshold Screws	THRESHOLD SCREWS	15840	1	-
	Threshold	THRESHOLD 7/8 X 1-1/2 X 47-7/8	15422	I	
	6D Nails	NAIL 6D 2" BOX HDG BOX	15105	3	
	10D Nails	NAIL 10D 3" BOX HDG BOX	15105	2	
		HANDLE - T 4" SHAFT & "D"		2	
	Handle Hardware kit		15375 15737	1	
		H/K (33258) 8X6 MELBOURNE PALRAM SUNTOP PANEL 82-1/2" x L 26" W		·	-
	Palram Roof		15762	5	_
	Foom Ctrin	DAC OF (OTV. E) HODIZONITAL OF OCUPE OTDIDO (FOASA)	15004		
	Foam Strip Rake Trim	BAG OF (QTY. 5) HORIZONTAL CLOSURE STRIPS (FOAM) 1-1/4" x 4-1/2" x 95-1/2" RAKE	15621 15454	<u>2</u> 3	

### **LIMITED CONDITIONAL WARRANTY\***

Backyard Storage Solutions, LLC warrants the following:

- 1. Every product is warranted from defects in workmanship and manufacturing for 1 year.
- 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.
- Cedar lumber is warranted for 15 years.
- 7. Preserved Pine is warranted for 10 years.
- 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 ( $\frac{1}{2}$  inch) from concrete slab or two and one half inches ( $2\frac{1}{2}$ ") 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